

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097959.D
 Acq On : 22 Aug 2017 17:47
 Operator : SJ/JU
 Sample : PB101706BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:39 PM

Quant Time: Aug 23 01:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	115581	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	480998	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	225041	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	442587	20.00	ng	0.00
75) Chrysene-d12	13.90	240	331059	20.00	ng	0.00
86) Perylene-d12	15.32	264	243767	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	634148	83.46	ng	0.01
7) Phenol-d6	6.39	99	855221	82.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	786771	88.86	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	170850	87.50	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1197519	78.18	ng	0.00
78) Terphenyl-d14	12.86	244	1071410	67.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	149597	35.301	ng	90
3) Pyridine	3.22	79	427635	36.503	ng	88
4) n-Nitrosodimethylamine	3.17	42	169142	37.523	ng	# 76
6) Aniline	6.41	93	424762	29.286	ng	98
8) 2-Chlorophenol	6.53	128	325366	40.602	ng	95
9) Benzaldehyde	6.30	77	226850	34.689	ng	90
10) Phenol	6.40	94	478369	39.617	ng	96
11) bis(2-Chloroethyl)ether	6.49	93	362237	39.746	ng	98
12) 1,3-Dichlorobenzene	6.69	146	321702	37.321	ng	# 91
13) 1,4-Dichlorobenzene	6.77	146	329351	37.568	ng	94
14) 1,2-Dichlorobenzene	6.92	146	302851	37.465	ng	99
15) Benzyl Alcohol	6.89	79	328905	42.551	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	486210	39.651	ng	91
17) 2-Methylphenol	7.01	107	296662	42.009	ng	96
18) Hexachloroethane	7.26	117	136846	39.814	ng	# 83
19) n-Nitroso-di-n-propylamine	7.17	70	266074	37.647	ng	91
20) 3+4-Methylphenols	7.16	107	351820	40.789	ng	97
22) Acetophenone	7.16	105	466236	36.692	ng	# 92
24) Nitrobenzene	7.33	77	419727	42.575	ng	93
25) Isophorone	7.57	82	767589	41.692	ng	96
26) 2-Nitrophenol	7.65	139	170004	47.642	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	306315	39.893	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	472862	39.067	ng	99
29) 2,4-Dichlorophenol	7.89	162	263537	41.347	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	263635	37.312	ng	99
31) Naphthalene	8.06	128	937443	37.541	ng	100
32) Benzoic acid	7.82	122	214828	39.681	ng	89
33) 4-Chloroaniline	8.10	127	264467	25.113	ng	99
34) Hexachlorobutadiene	8.17	225	153080	37.106	ng	97
35) Caprolactam	8.48	113	96987m	44.760	ng	
36) 4-Chloro-3-methylphenol	8.59	107	330499	40.358	ng	# 81
37) 2-Methylnaphthalene	8.75	142	621149	40.573	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	240727	34.855	ng	# 96
40) Hexachlorocyclopentadiene	8.90	237	295180	88.965	ng	98

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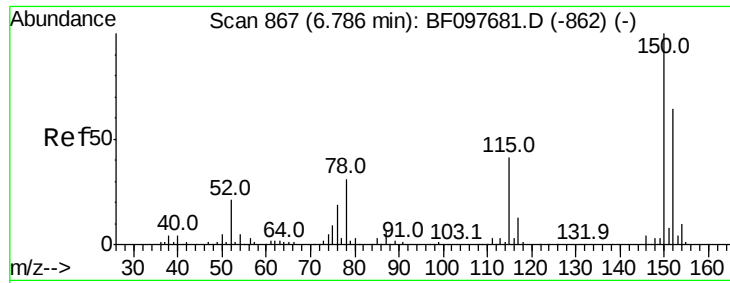
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	186800	40.286	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	193246	42.010	nq	95
45) 1,1'-Biphenyl	9.21	154	735552	35.843	nq	96
46) 2-Chloronaphthalene	9.23	162	550627	36.314	nq #	92
47) 2-Nitroaniline	9.33	65	227236	44.703	nq	97
48) Acenaphthylene	9.65	152	901183	37.847	nq	100
49) Dimethylphthalate	9.52	163	660323	40.142	nq	100
50) 2,6-Dinitrotoluene	9.57	165	143519	43.709	nq #	55
51) Acenaphthene	9.82	154	538286	35.844	nq	99
52) 3-Nitroaniline	9.74	138	126562	29.875	nq	85
53) 2,4-Dinitrophenol	9.85	184	125101	80.082	nq #	77
54) Dibenzofuran	9.99	168	802053	39.850	nq	98
55) 4-Nitrophenol	9.91	139	261138	77.273	nq #	39
56) 2,4-Dinitrotoluene	9.98	165	191796	46.544	nq #	60
57) Fluorene	10.33	166	588670	37.830	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	164319	46.138	nq	94
59) Diethylphthalate	10.22	149	697006	40.518	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	275662	38.132	nq	88
61) 4-Nitroaniline	10.36	138	164141	40.766	nq #	67
62) Azobenzene	10.49	77	846418	41.423	nq	92
64) 4,6-Dinitro-2-methylphenol	10.39	198	90500	44.191	nq #	82
65) n-Nitrosodiphenylamine	10.45	169	559689	37.136	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	176546	38.413	nq	98
67) Hexachlorobenzene	10.88	284	167740	35.807	nq #	86
68) Atrazine	10.98	200	171145	42.819	nq	98
69) Pentachlorophenol	11.07	266	199295	72.966	nq	99
70) Phenanthrene	11.29	178	891473	37.800	nq	100
71) Anthracene	11.34	178	916838	38.328	nq	99
72) Carbazole	11.50	167	859671	37.861	nq	99
73) Di-n-butylphthalate	11.83	149	1101432	42.113	nq	99
74) Fluoranthene	12.48	202	946379	38.445	nq	99
76) Benzidine	12.60	184	376444	34.680	nq #	91
77) Pyrene	12.70	202	984743	36.368	nq	99
79) Butylbenzylphthalate	13.33	149	470708	45.342	nq #	67
80) Benzo(a)anthracene	13.89	228	706543	35.609	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	187779	28.046	nq #	95
82) Chrysene	13.93	228	730350	37.002	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	532789	46.315	nq #	99
84) Di-n-octyl phthalate	14.50	149	947230	47.324	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	551422	37.977	nq	94
87) Benzo(b)fluoranthene	14.92	252	595879	38.781	nq	98
88) Benzo(k)fluoranthene	14.94	252	589490	40.835	nq #	94
89) Benzo(a)pyrene	15.26	252	560154	41.180	nq	98
90) Dibenzo(a,h)anthracene	16.72	278	452871	40.895	nq	98
91) Benzo(g,h,i)perylene	17.12	276	467906	40.494	nq	94

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



#1

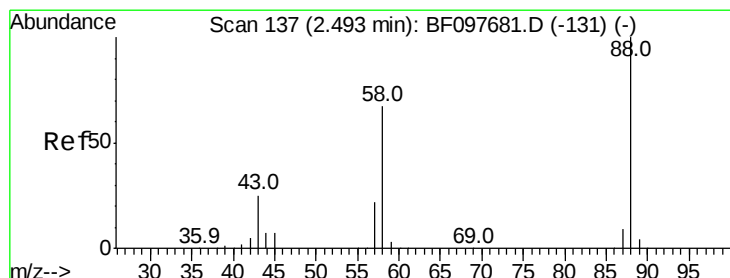
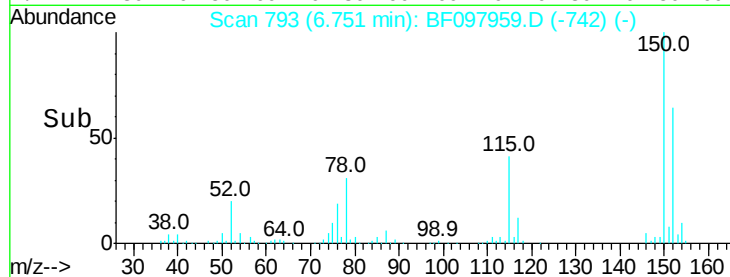
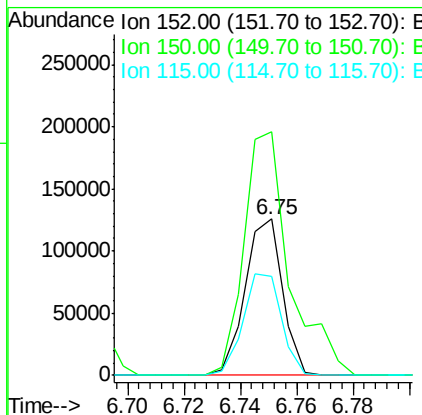
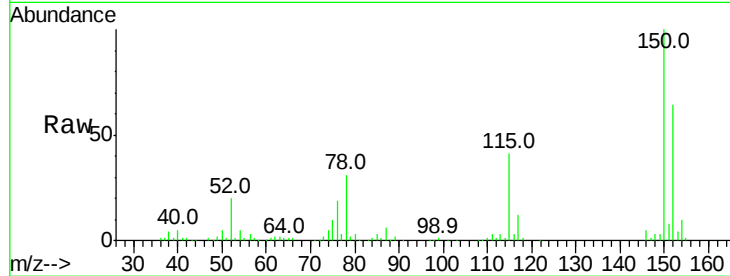
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampled :
PB101706BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	63.3	52.2	78.2

Manual Integrations
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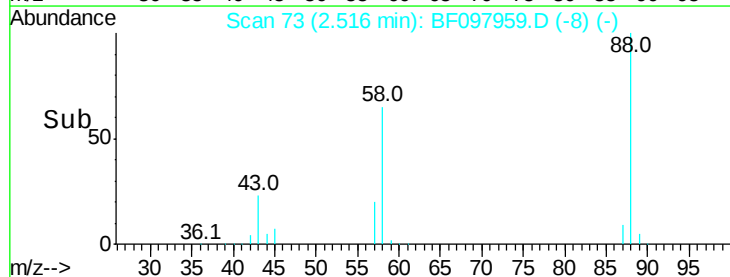
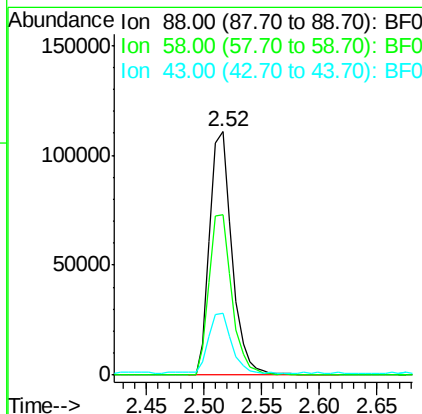
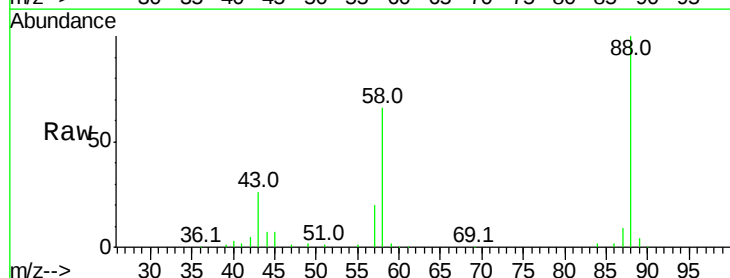
Sohil
8/23/2017 3:03:39 PM

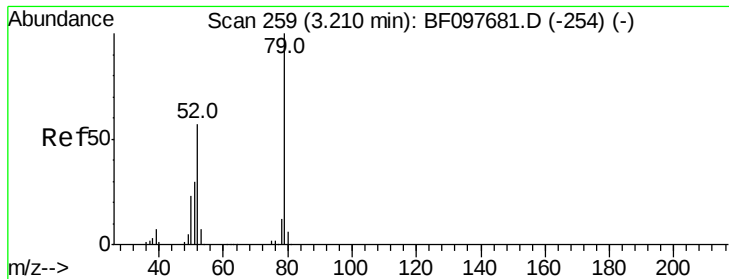


#2

1,4-Dioxane
Concen: 35.301 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.08 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	61.4	92.0
43	25.5	23.4	35.0





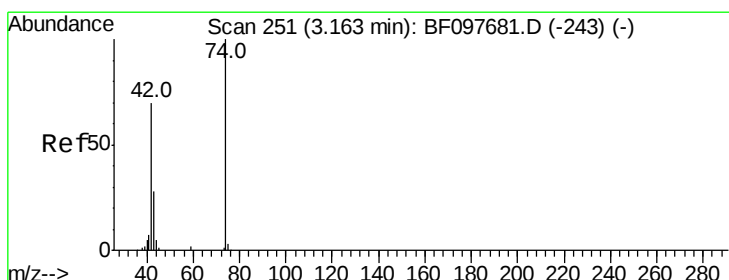
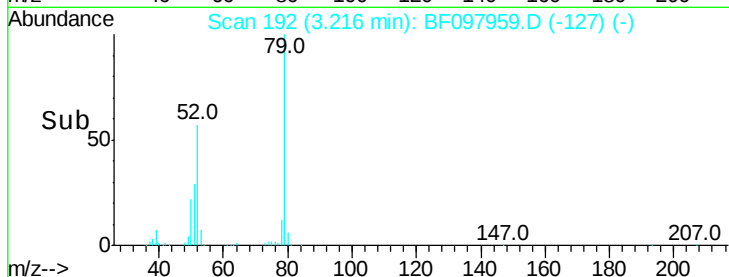
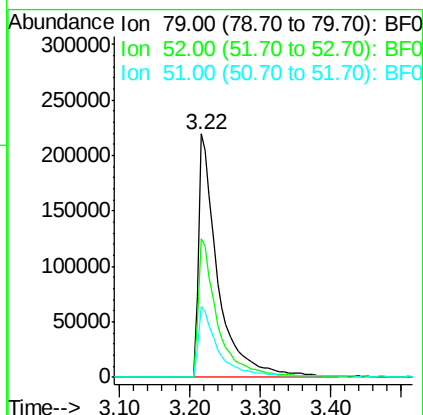
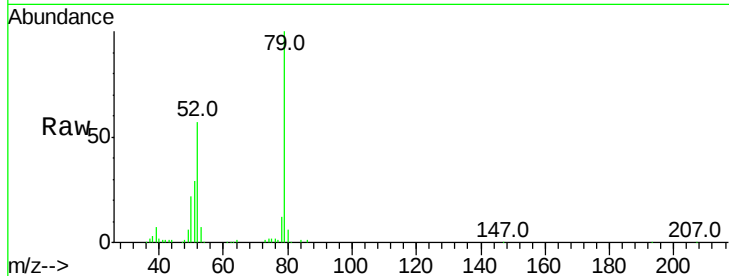
#3
Pvrindine
Concen: 36.503 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.08 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	56.7	54.8	82.2
51	28.9	27.0	40.4

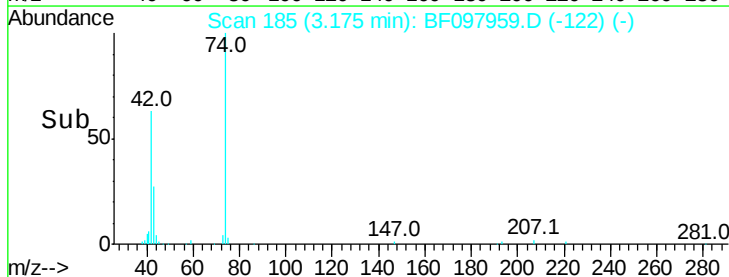
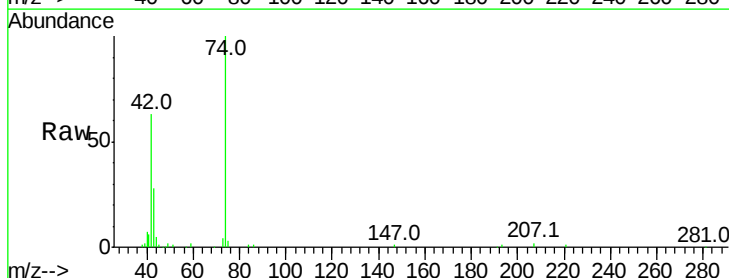
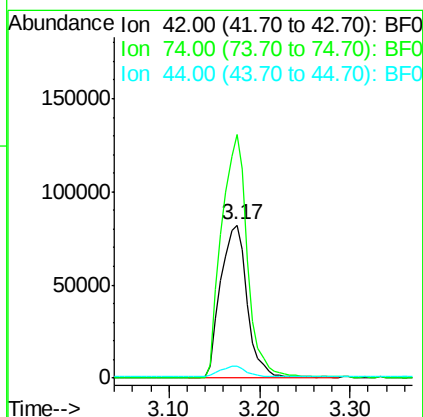
Manual Integrations
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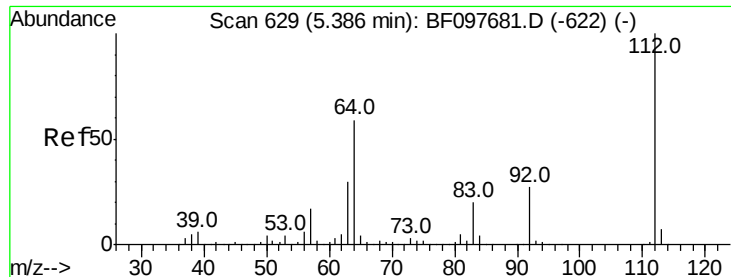
Sohil
8/23/2017 3:03:39 PM



#4
n-Nitrosodimethylamine
Concen: 37.523 ng
RT: 3.17 min Scan# 185
Delta R.T. 0.07 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.2	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 83.455 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

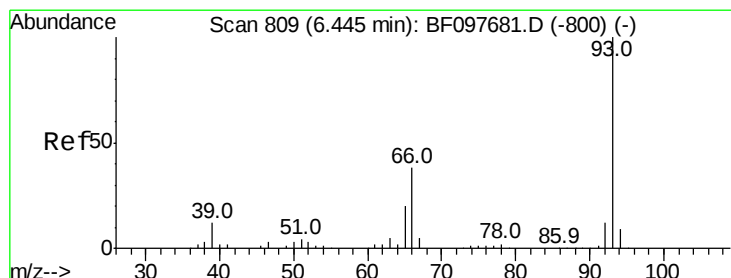
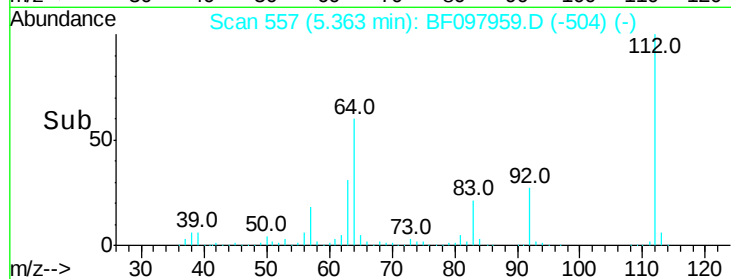
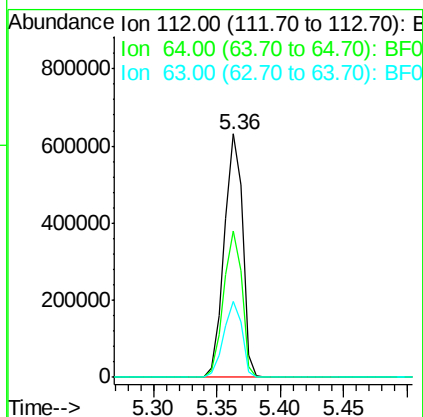
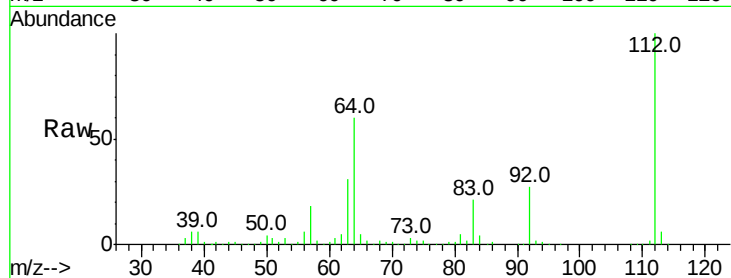
ClientSampleId :

PB101706BS

Tot Ion:	112	Resp:	634148
Ion Ratio	Lower	Upper	
112	100		
64	60.2	46.0	69.0
63	31.2	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 29.286 ng

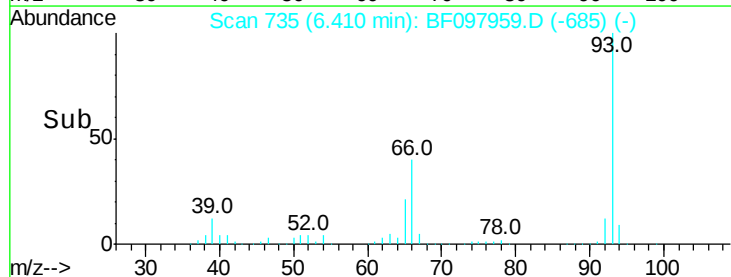
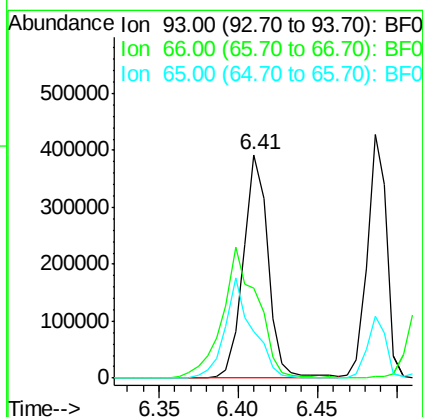
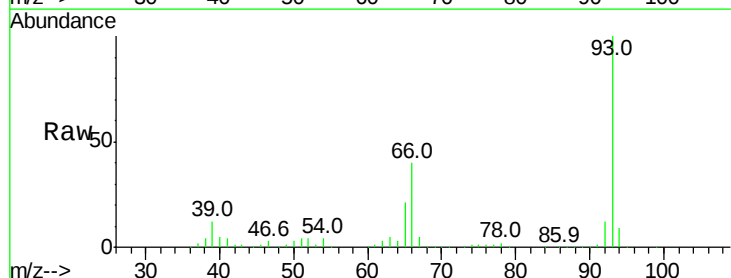
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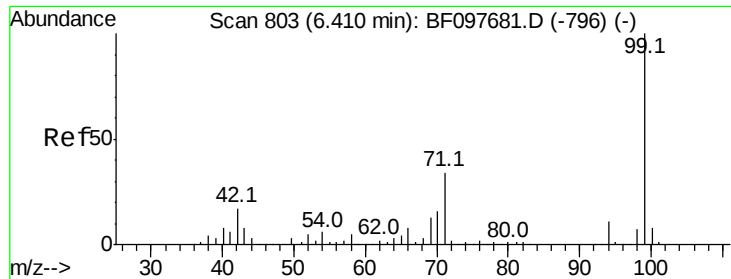
Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	93	Resp:	424762
Ion Ratio	Lower	Upper	
93	100		
66	40.3	32.9	49.3
65	21.0	16.0	24.0





#7

Phenol-d6

Concen: 82.835 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

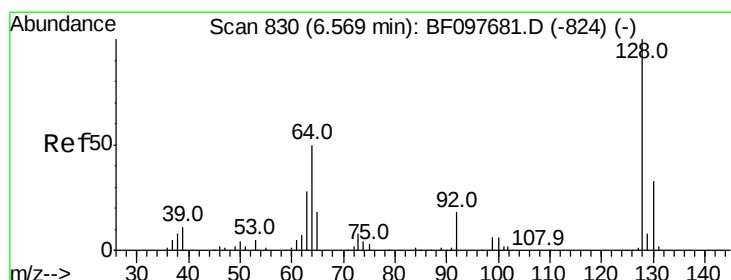
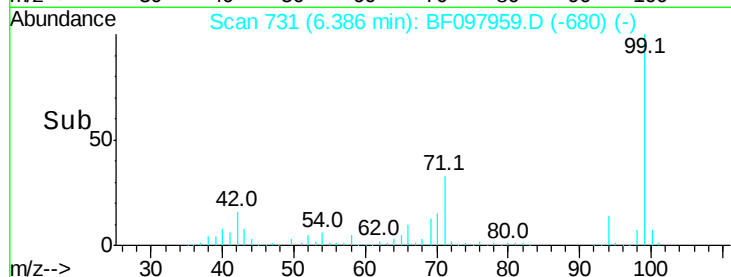
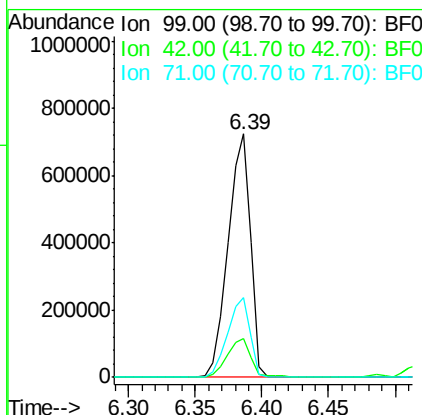
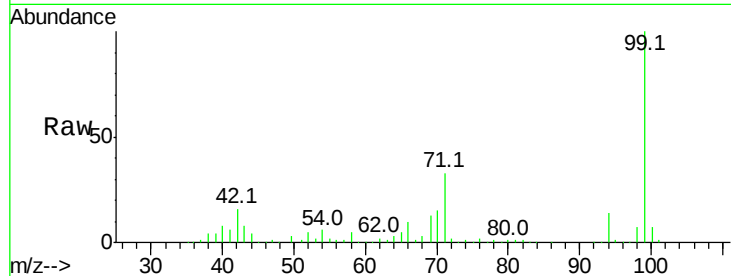
ClientSampleId :

PB101706BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		855221		
42	16.1	13.5	20.3		
71	32.6	24.5	36.7		

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.602 ng

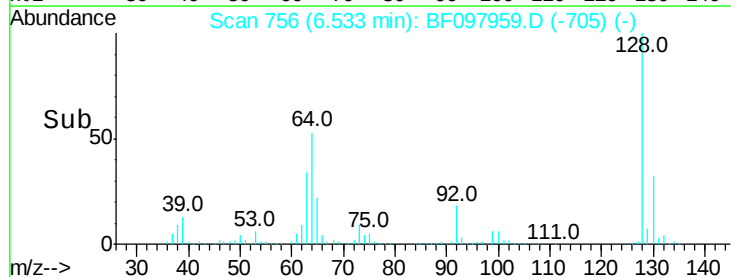
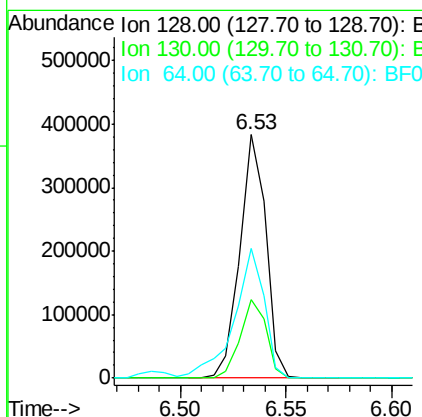
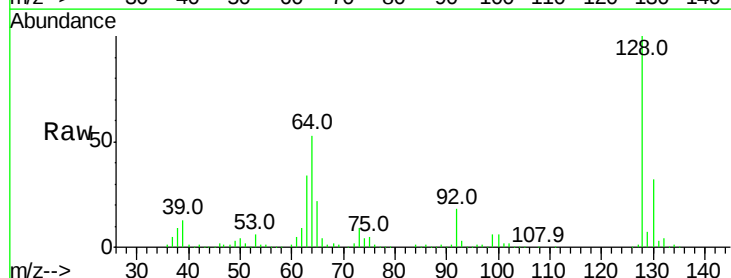
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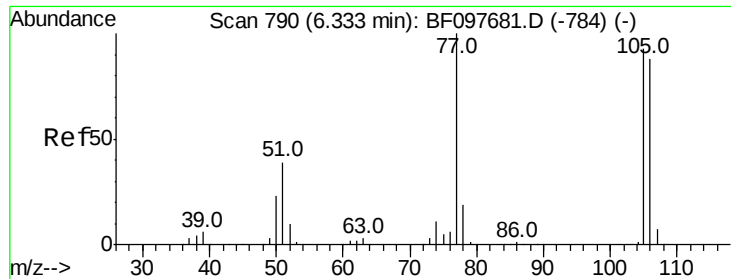
Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		325366		
130	32.5	12.9	52.9		
64	53.5	28.4	68.4		





#9

Benzaldehyde

Concen: 34.689 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

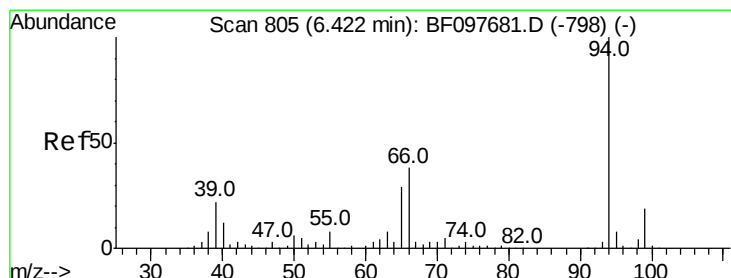
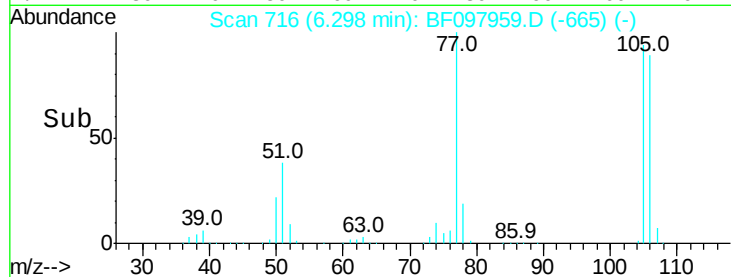
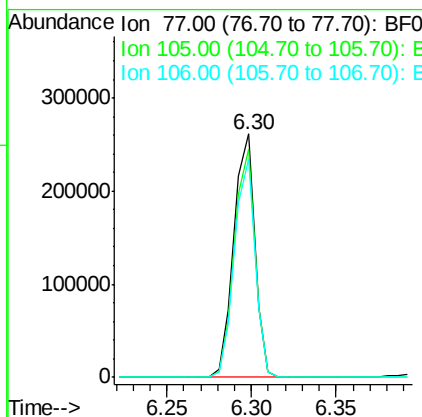
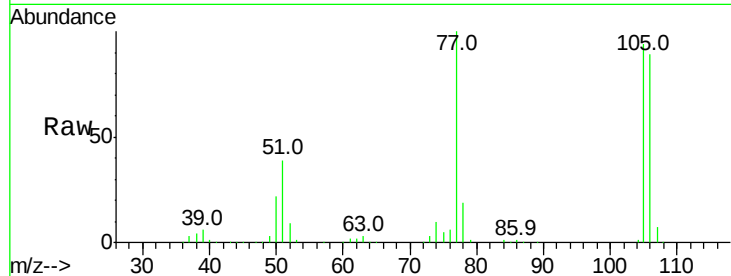
ClientSampleId :

PB101706BS

Tot Ion:	77	Resp:	226850
Ion Ratio	Lower	Upper	
77	100		
105	93.7	83.8	123.8
106	89.3	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.617 ng

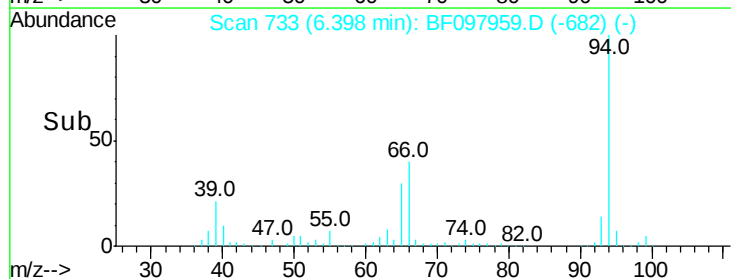
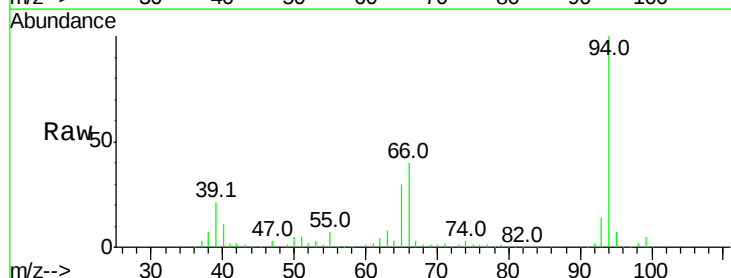
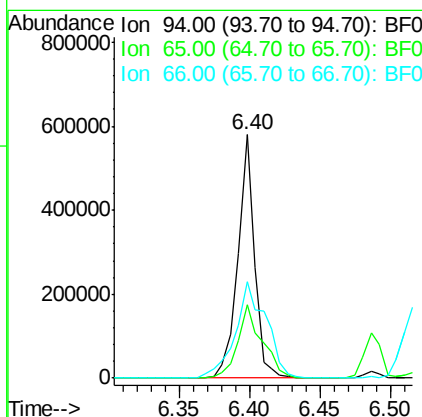
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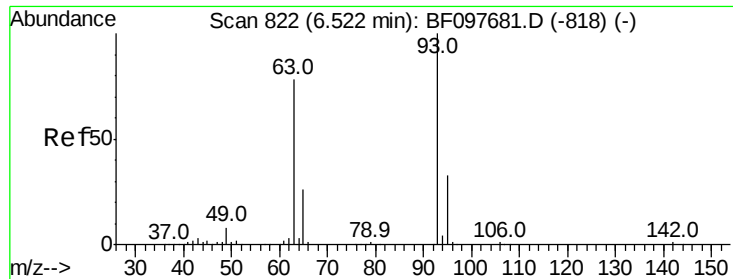
Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	94	Resp:	478369
Ion Ratio	Lower	Upper	
94	100		
65	30.3	9.9	49.9
66	39.5	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 39.746 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

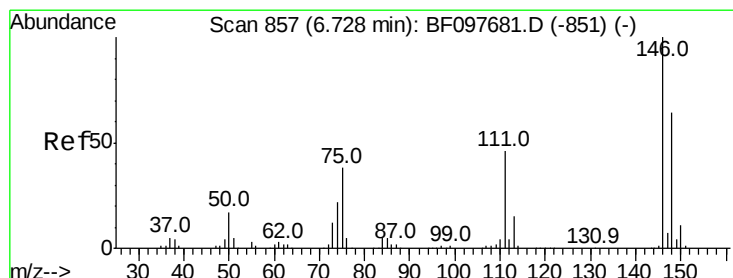
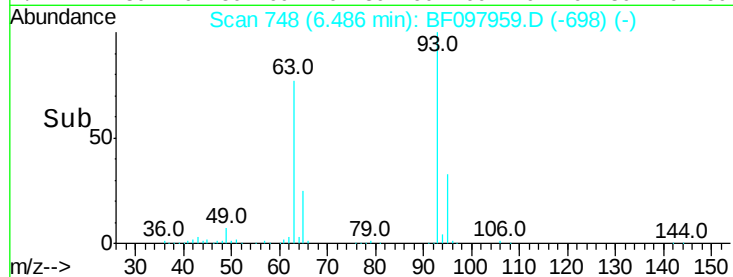
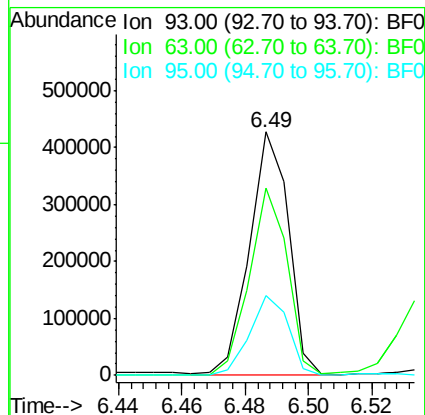
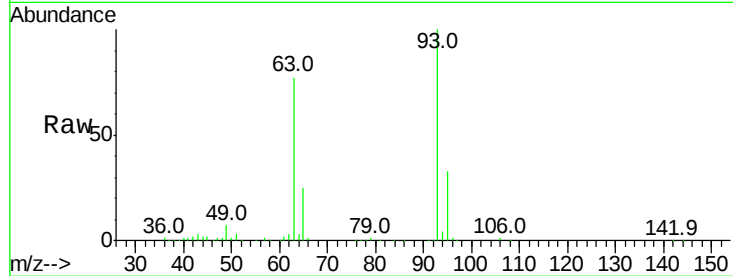
ClientSampleId :

PB101706BS

Tot Ion:	93	Resp:	362237
Ion Ratio	Lower	Upper	
93	100		
63	77.0	59.2	99.2
95	32.6	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.321 ng

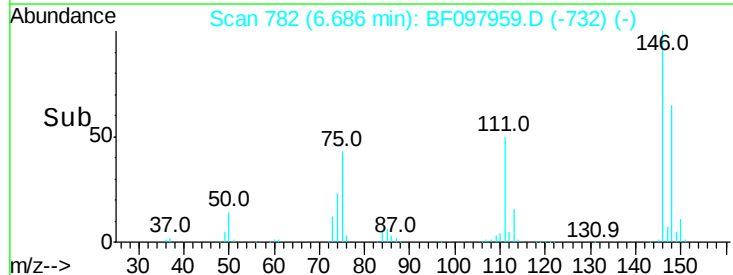
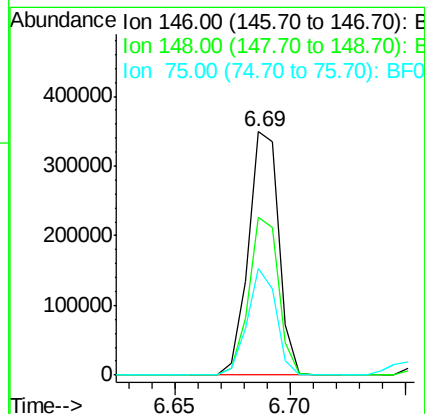
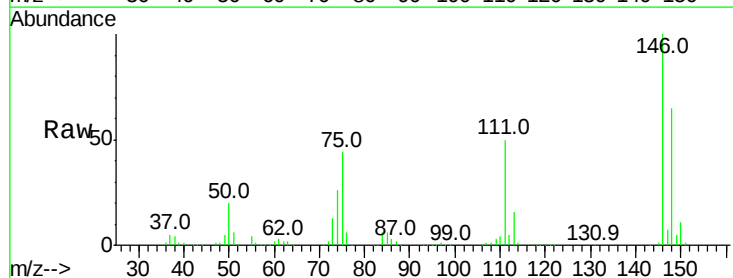
RT: 6.69 min Scan# 782

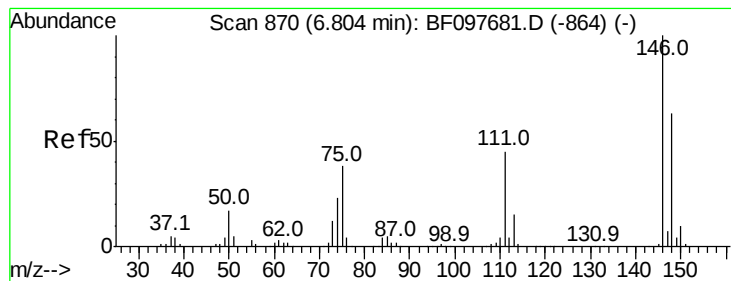
Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	146	Resp:	321702
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.8	77.6
75	43.9	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 37.568 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

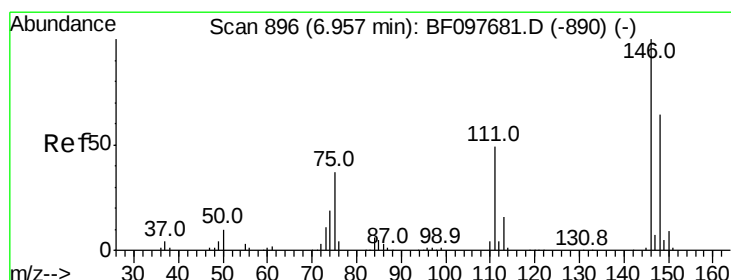
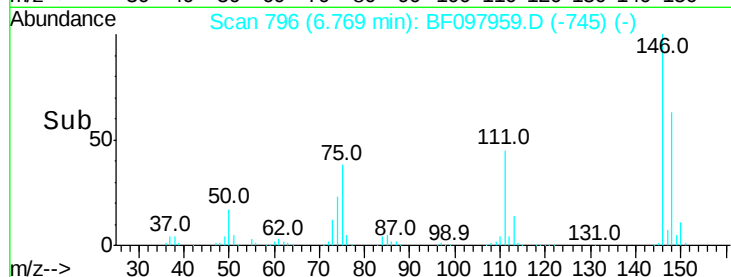
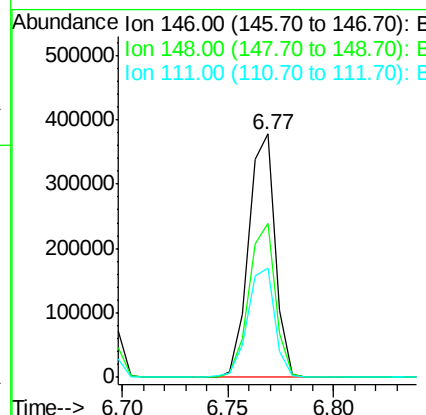
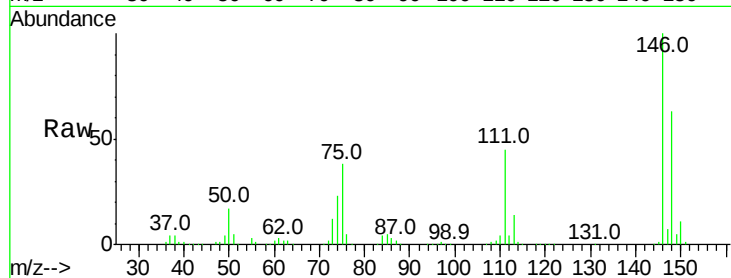
ClientSampled :

PB101706BS

Tot Ion:	146	Resp:	329351
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.2	78.2
111	45.1	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.465 ng

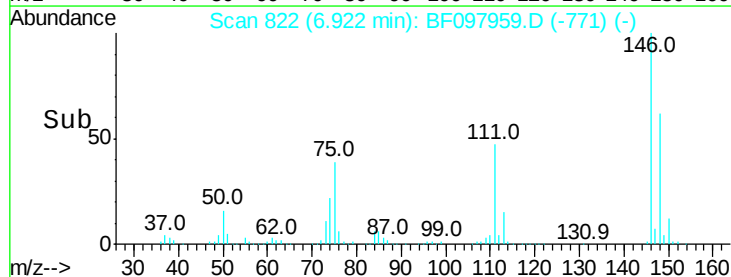
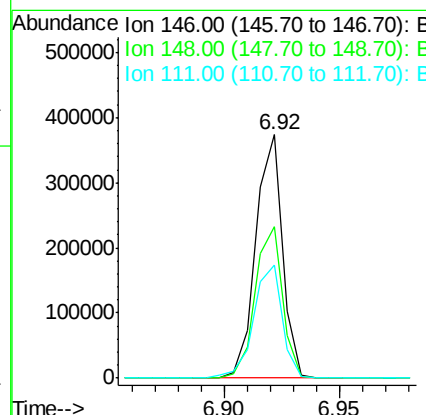
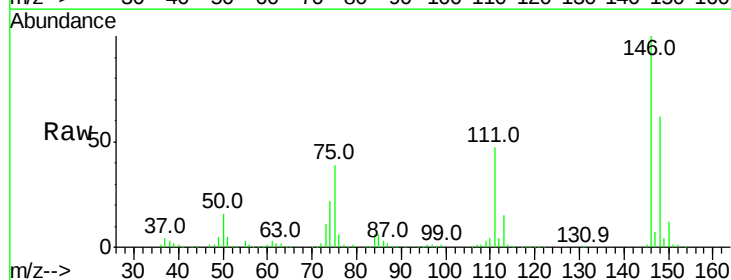
RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	146	Resp:	302851
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.4	75.6
111	46.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.551 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB101706BS

Tot Ion: 79 Resp: 328905

Ion Ratio Lower Upper

79 100

108 73.5 63.4 95.0

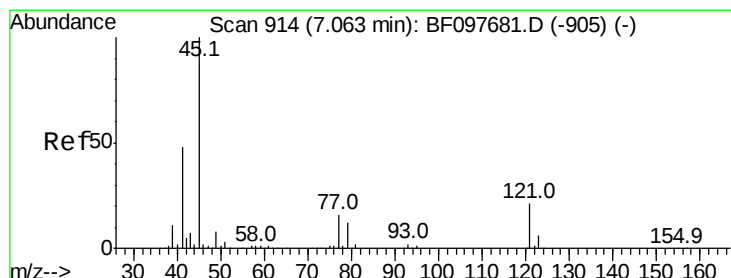
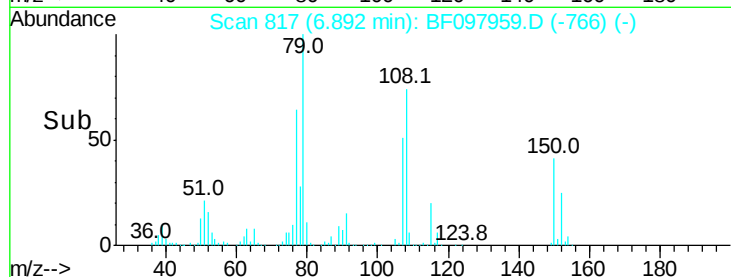
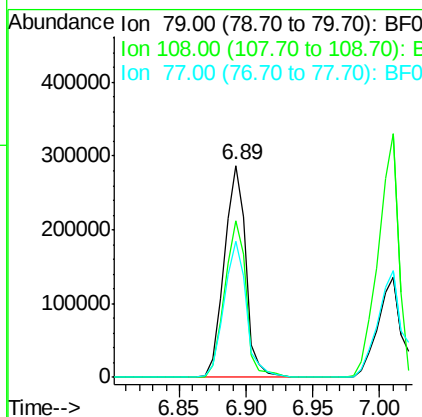
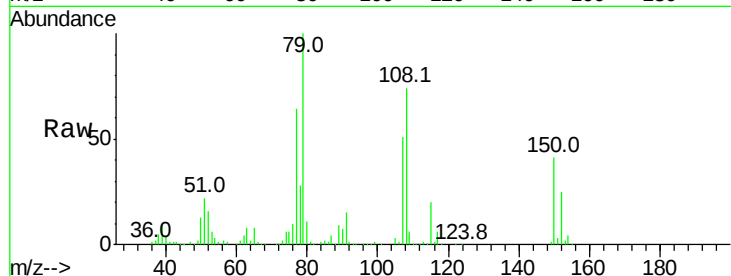
77 63.9 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.651 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

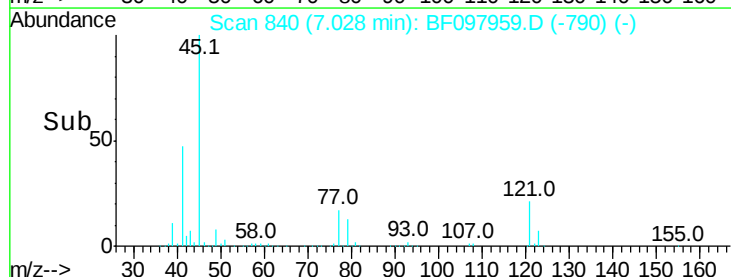
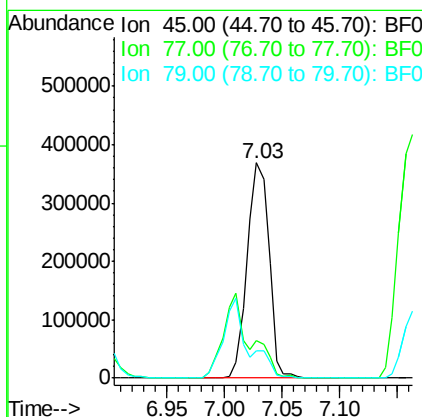
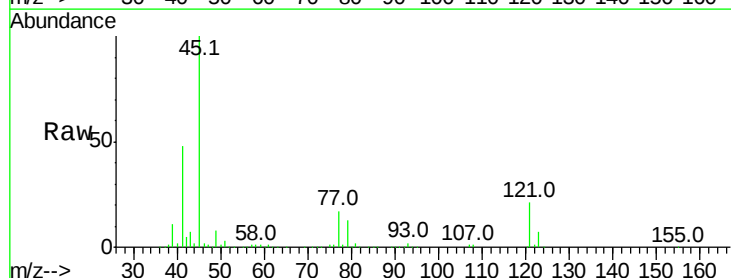
Tgt Ion: 45 Resp: 486210

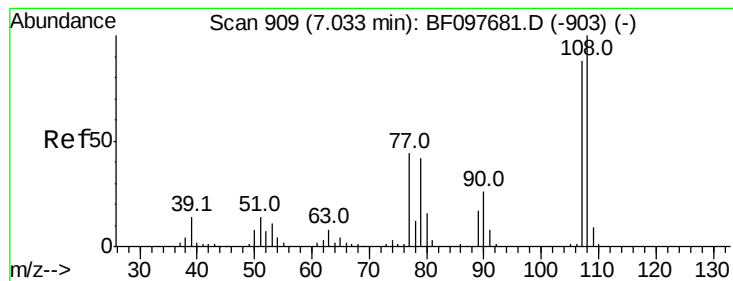
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.2

79 12.8 0.0 30.0





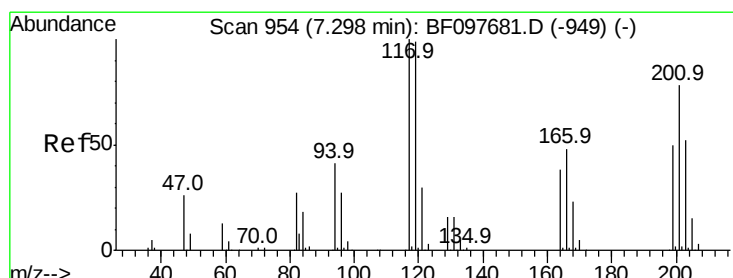
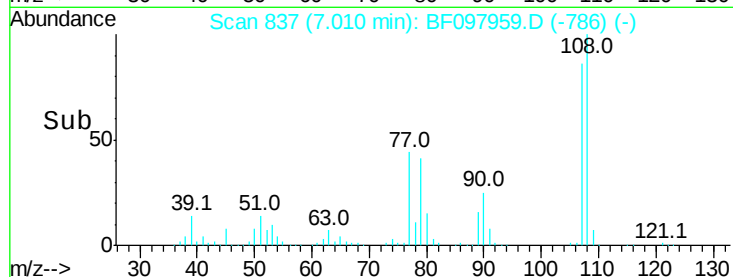
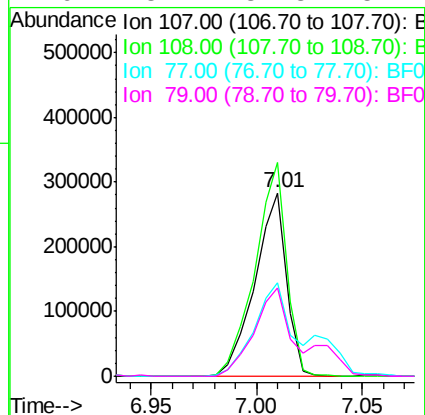
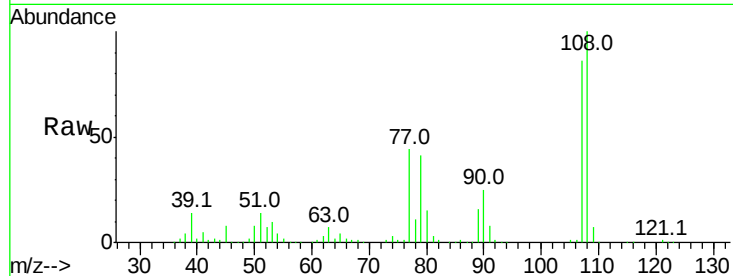
#17
2-Methylphenol
Concen: 42.009 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	296662		
108	108.00	116.4	93.4	140.0	
77	77.00	51.0	35.8	53.6	
79	79.00	48.1	34.8	52.2	

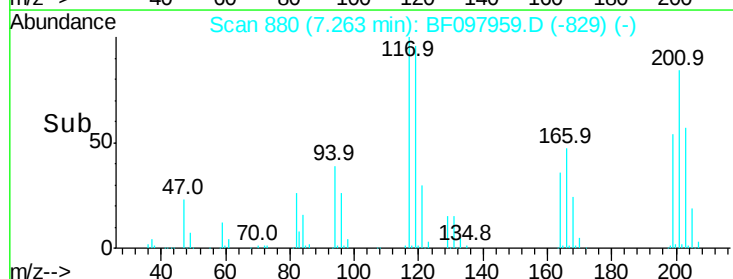
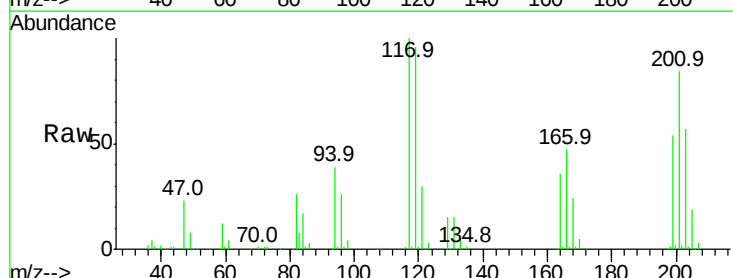
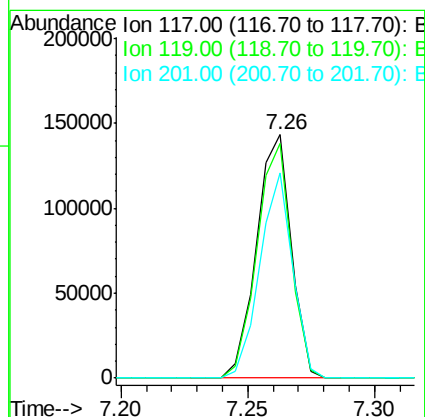
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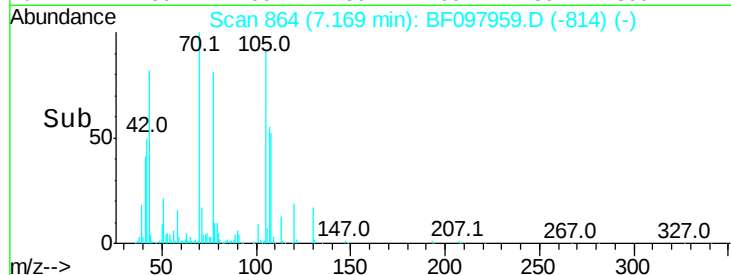
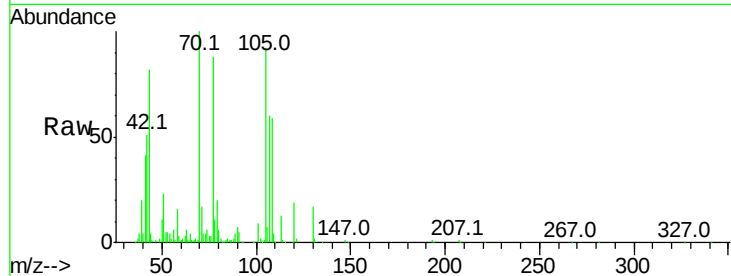
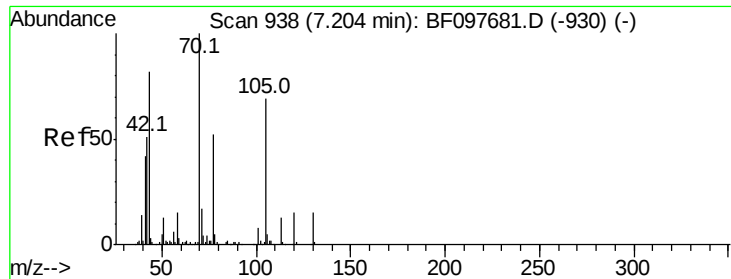
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#18
Hexachloroethane
Concen: 39.814 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	136846		
119	119.00	96.4	77.4	116.0	
201	201.00	84.1	94.6	141.8#	





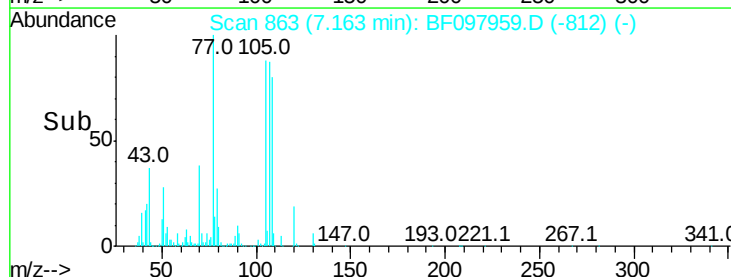
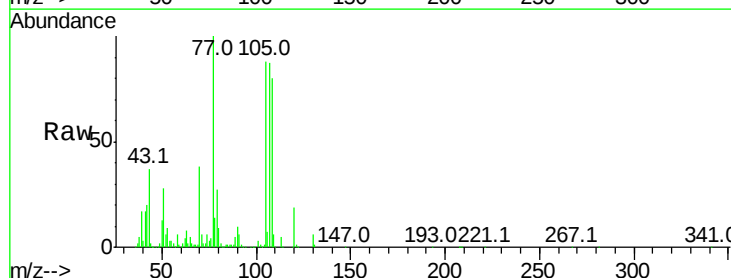
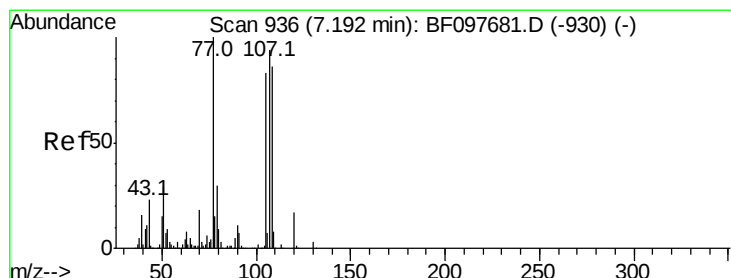
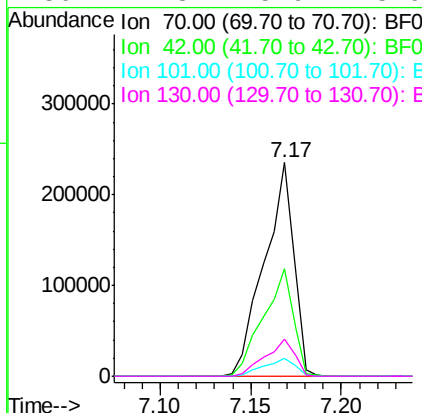
#19
n-Nitroso-di-n-propylamine
Concen: 37.647 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		266074		
42	50.6	47.2	70.8		
101	8.6	7.2	10.8		
130	17.3	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
PB101706BS

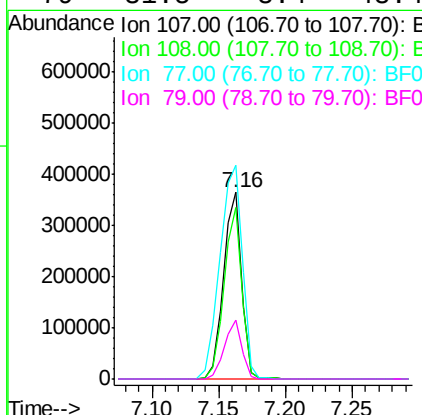
Manual Integrations
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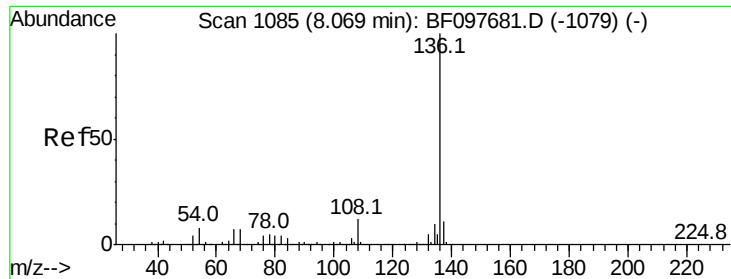
Sohil
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#20
3+4-Methylphenols
Concen: 40.789 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		351820		
108	92.2	71.0	111.0		
77	114.7	90.5	130.5		
79	31.5	8.4	48.4		





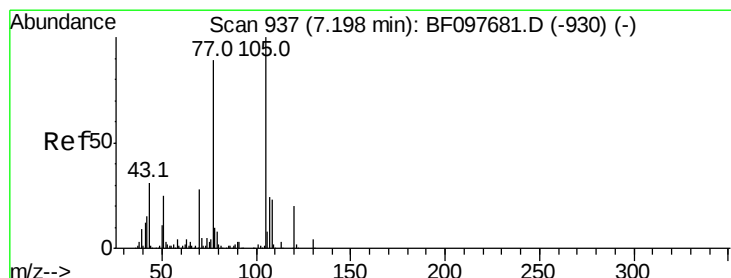
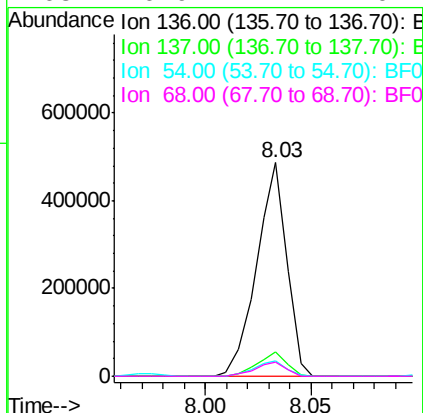
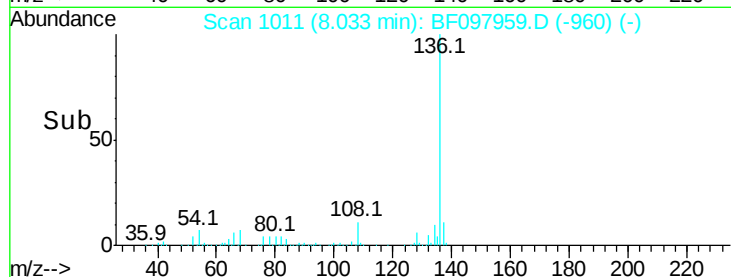
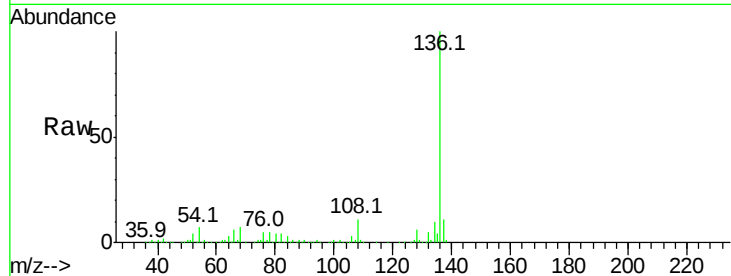
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.4	4.9	7.3#
68	6.9	4.1	6.1#

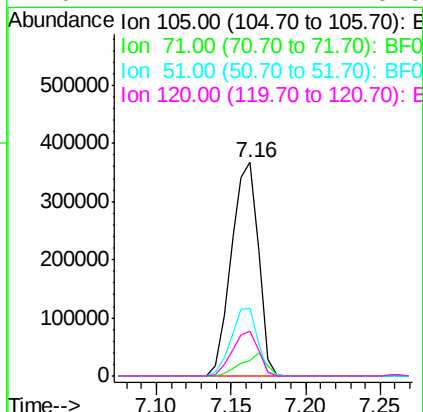
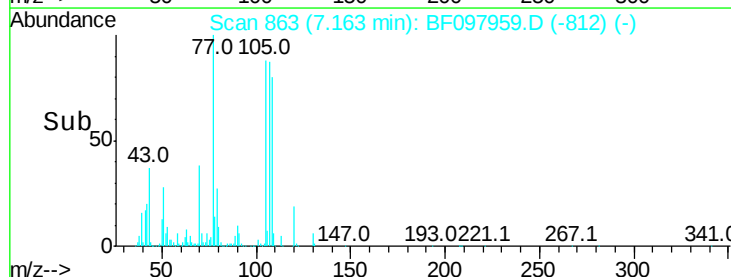
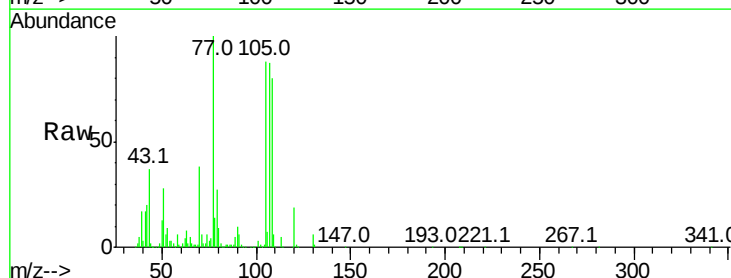
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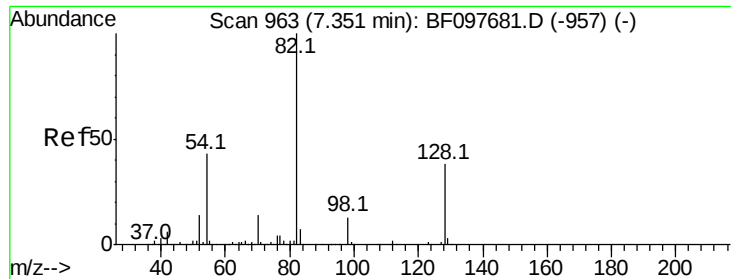
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#22
Acetophenone
Concen: 36.692 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.4	2.8	4.2#
51	31.5	30.7	46.1
120	21.2	17.4	26.0





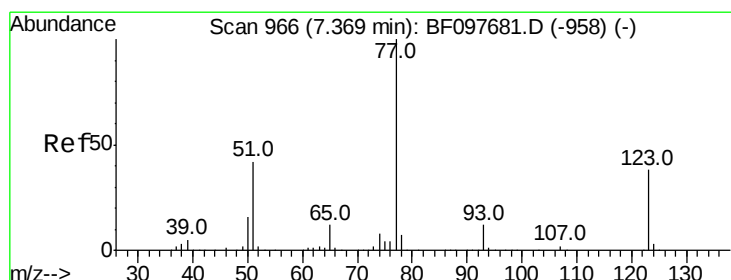
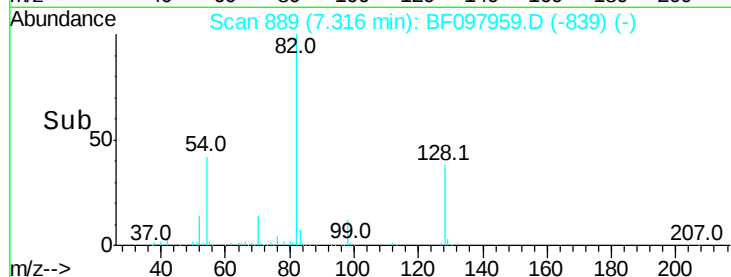
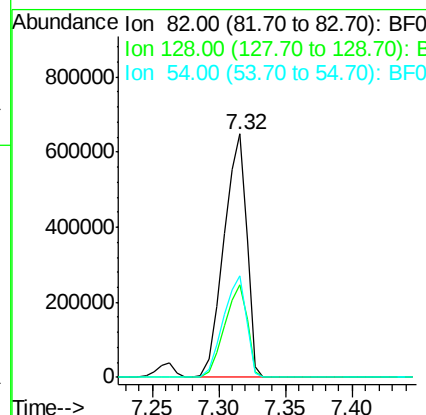
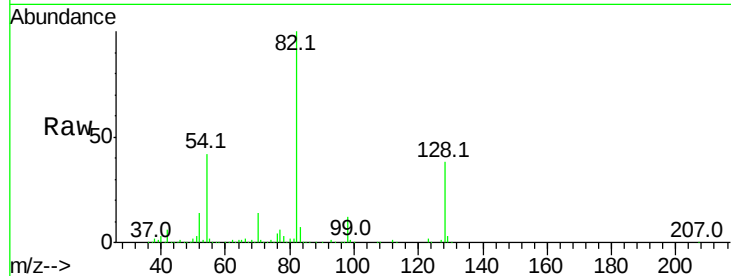
#23
 Nitrobenzene-d5
 Concen: 88.859 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	34.0	51.0
54	41.9	42.2	63.2#

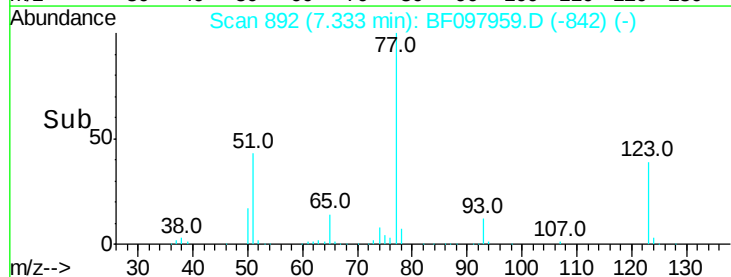
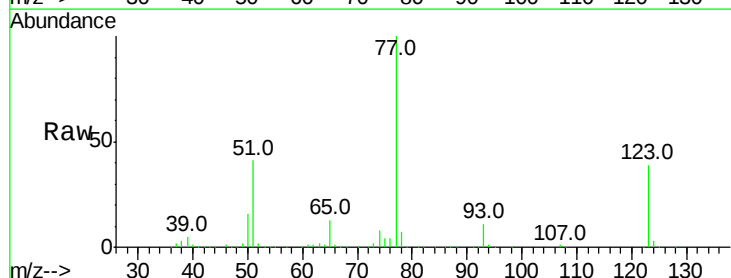
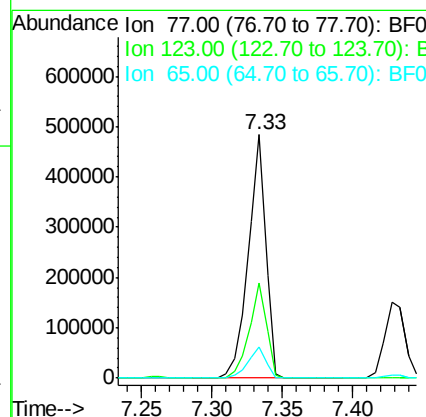
Manual Integrations
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#24
 Nitrobenzene
 Concen: 42.575 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.2	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 41.692 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

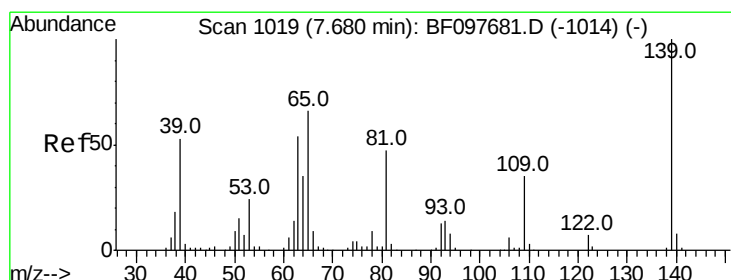
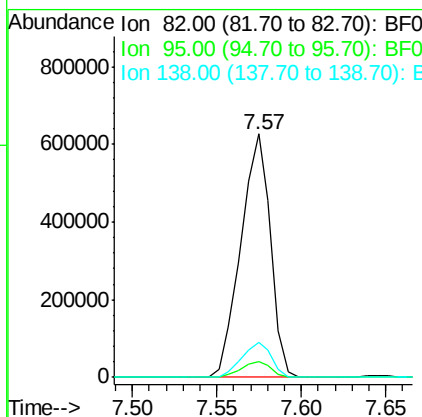
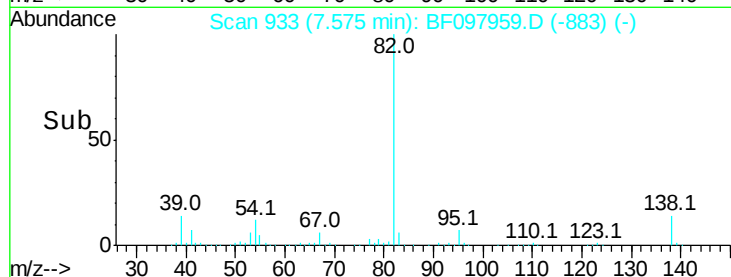
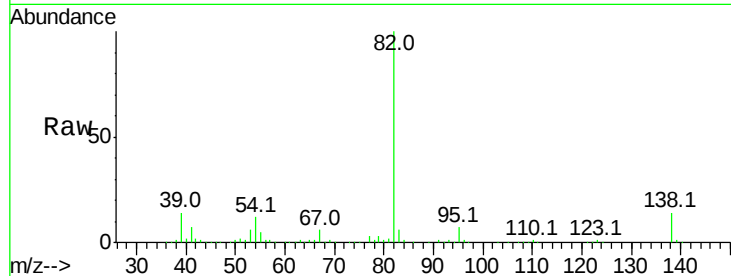
ClientSampleId :

PB101706BS

Tot Ion:	82	Resp:	767589
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	14.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.642 ng

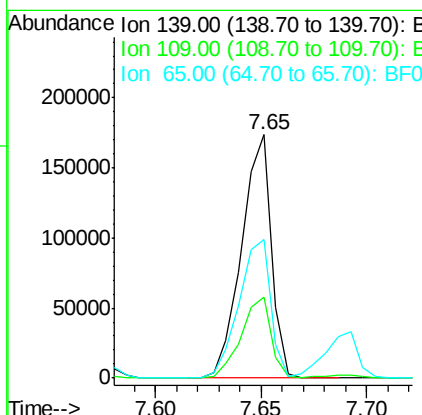
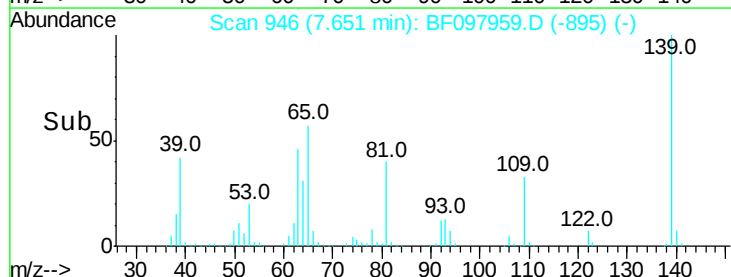
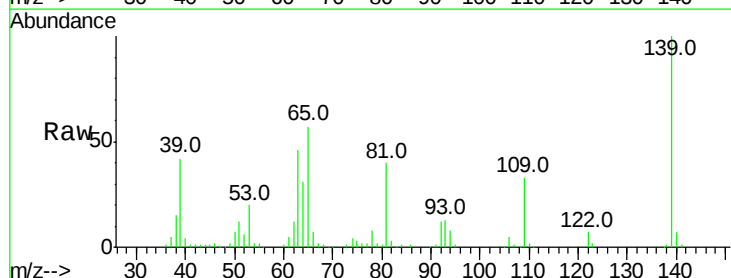
RT: 7.65 min Scan# 946

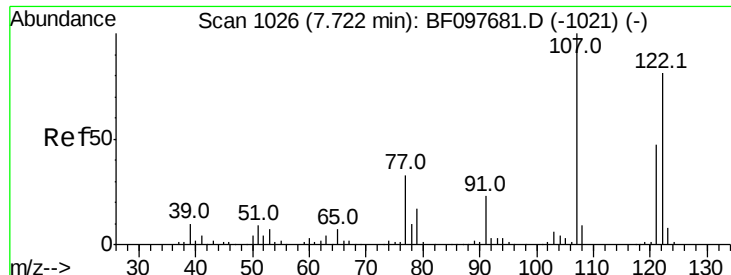
Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	139	Resp:	170004
Ion Ratio	Lower	Upper	
139	100		
109	33.5	21.0	31.6#
65	57.0	33.0	49.6#





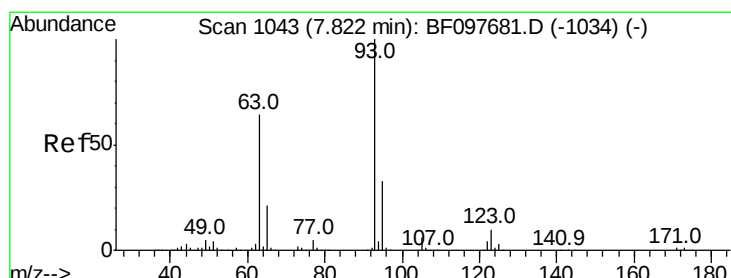
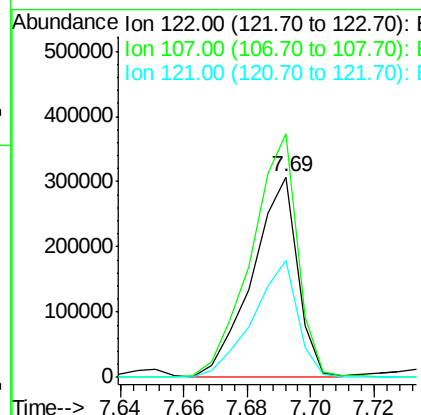
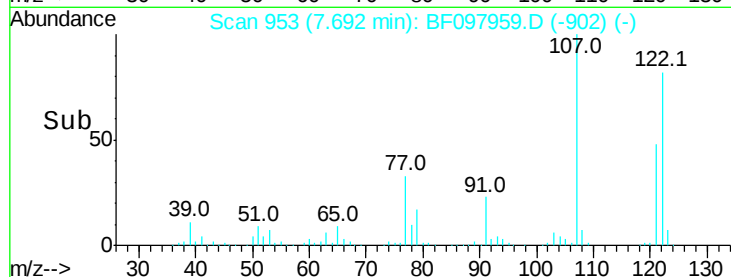
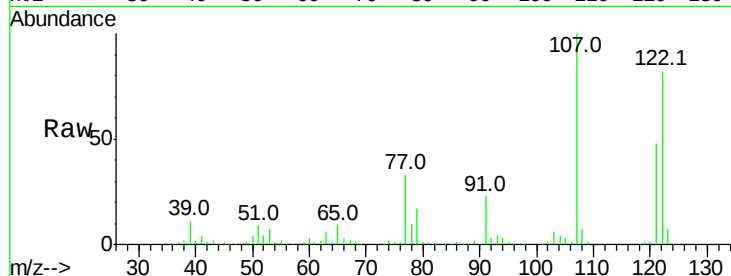
#27
 2,4-Dimethylphenol
 Concen: 39.893 ng
 RT: 7.69 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion:	122	Resp:	306315
Ion Ratio	Lower	Upper	
122	100		
107	121.5	89.2	133.8
121	58.1	45.2	67.8

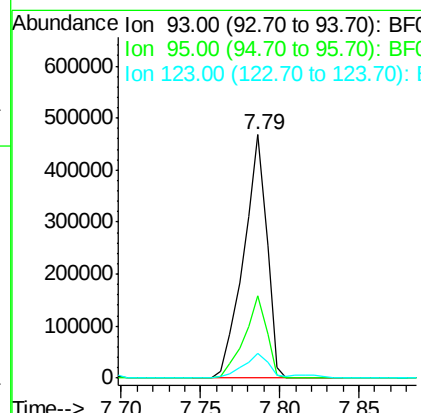
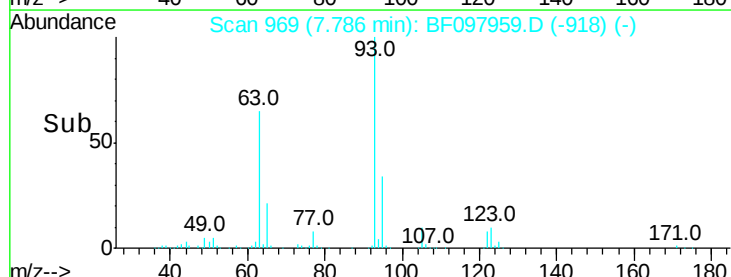
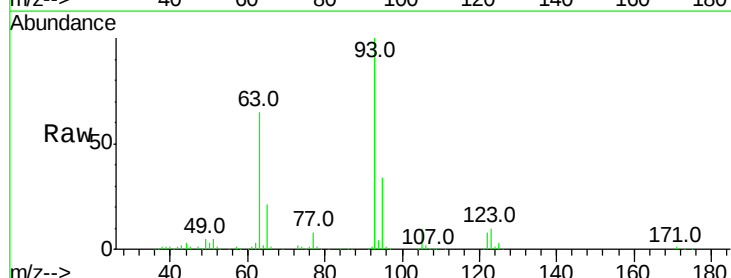
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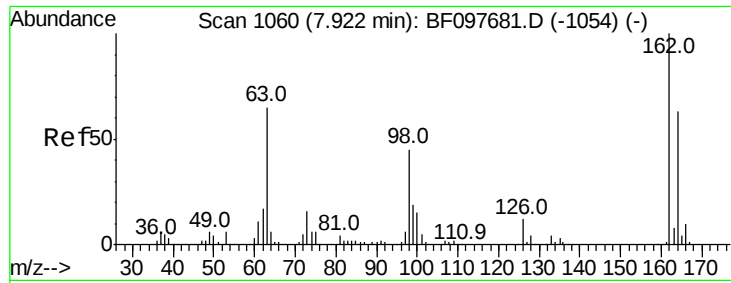
Sohil
 8/23/2017 3:03:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.067 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion:	93	Resp:	472862
Ion Ratio	Lower	Upper	
93	100		
95	33.6	26.5	39.7
123	10.3	9.0	13.4





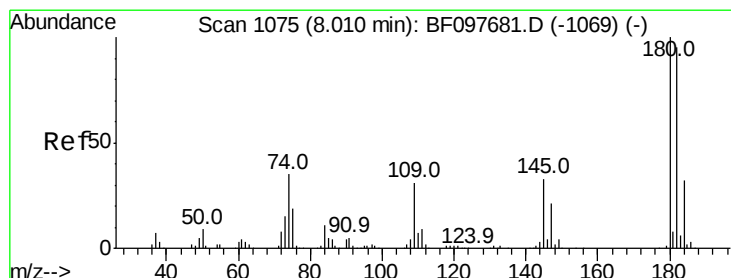
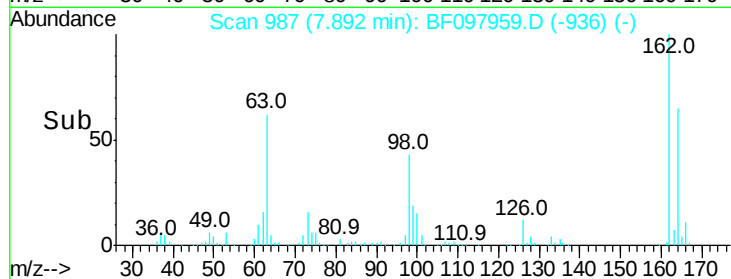
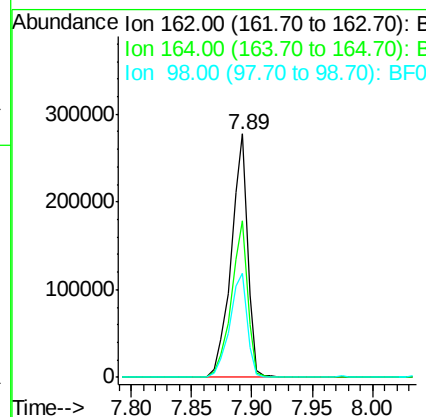
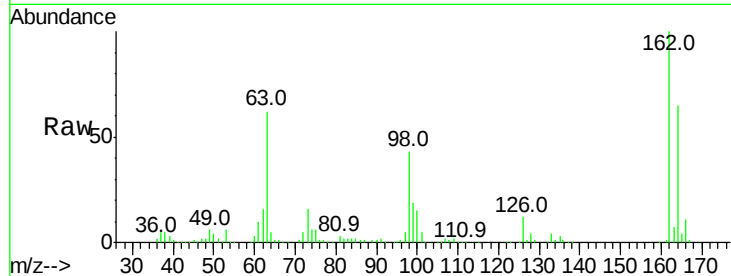
#29
 2,4-Dichlorophenol
 Concen: 41.347 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	263537		
164	64.5	44.6	84.6	
98	42.6	14.8	54.8	

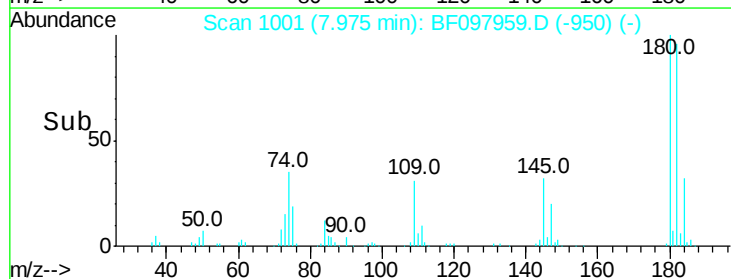
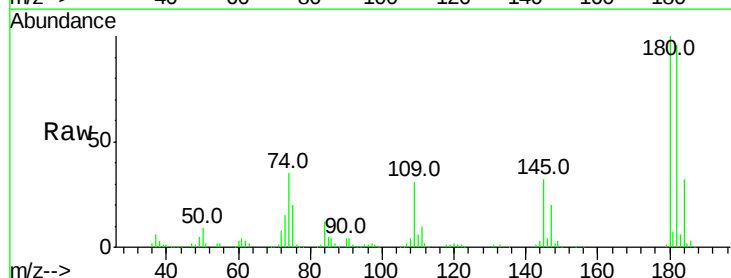
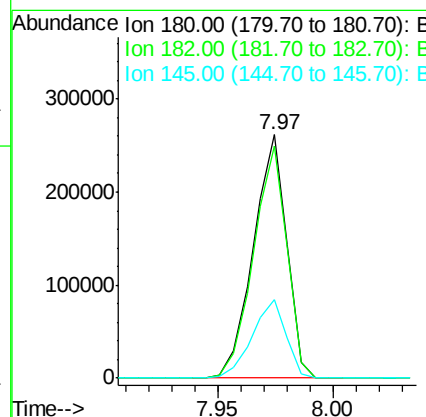
Manual Integrations
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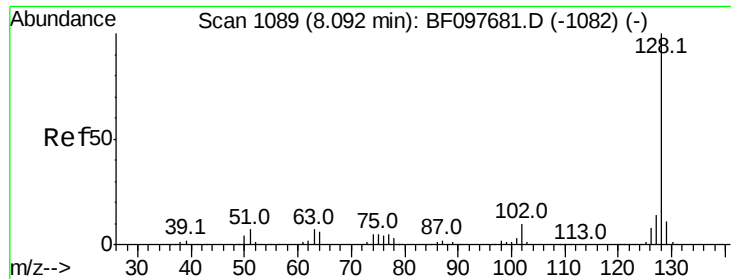
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.312 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	263635		
182	95.5	75.8	113.6	
145	32.3	25.3	37.9	





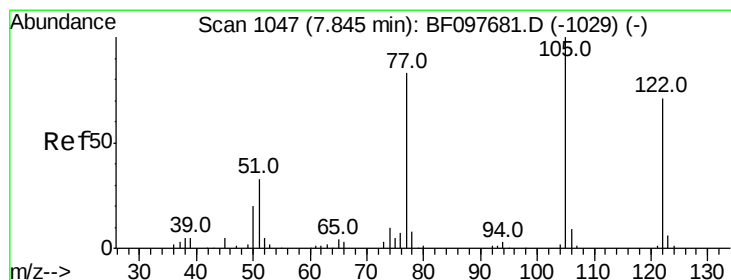
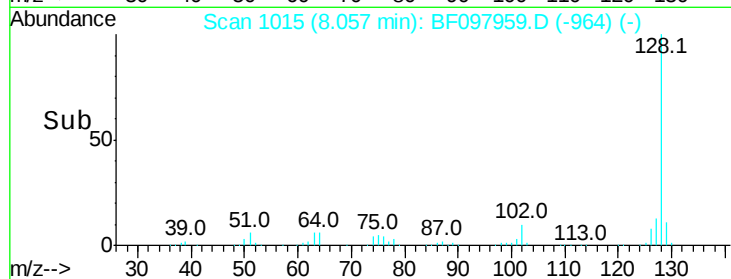
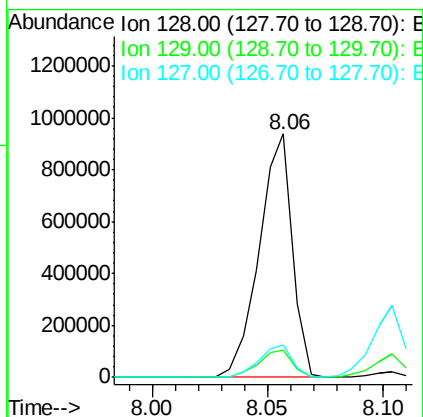
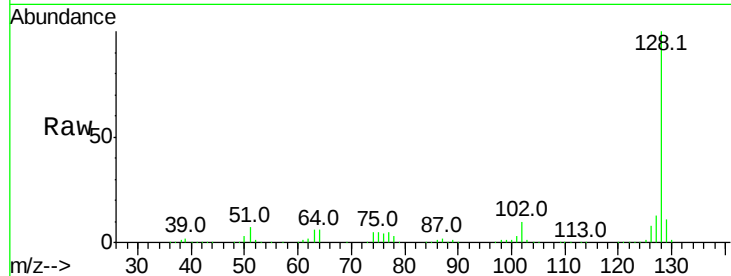
#31
Naphthalene
Concen: 37.541 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.5	10.8	16.2

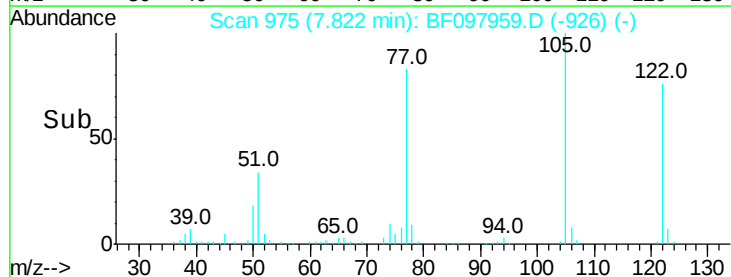
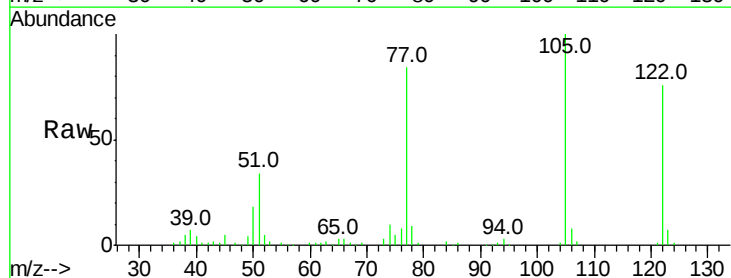
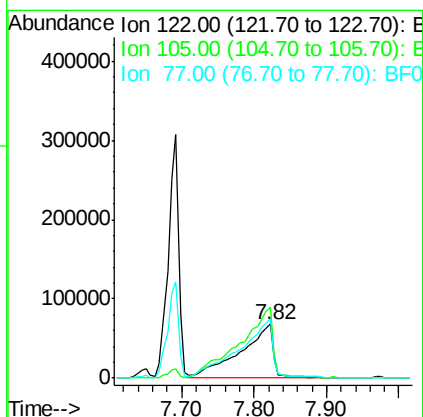
Manual Integrations
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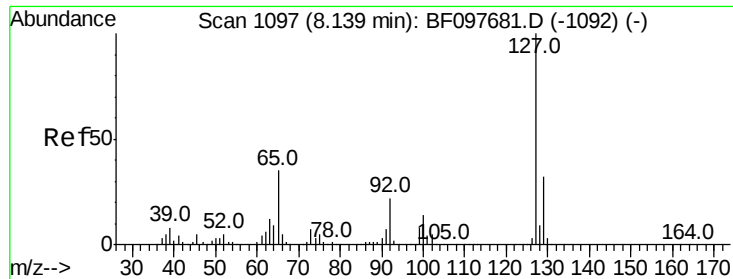
Sohil
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#32
Benzoic acid
Concen: 39.681 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	103.3	143.3
77	109.8	73.7	113.7





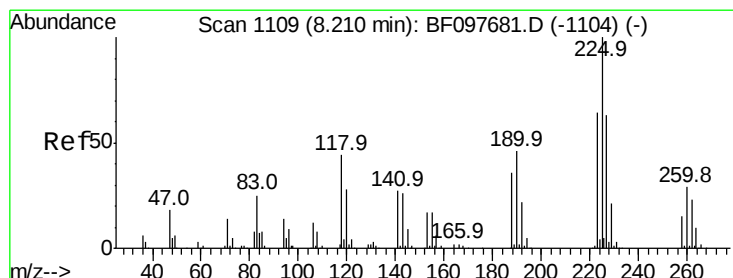
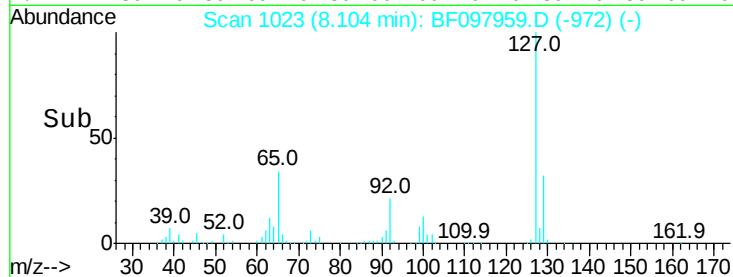
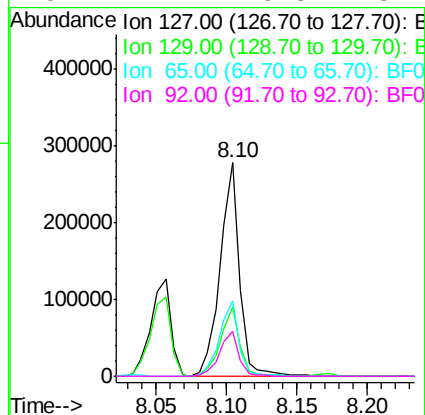
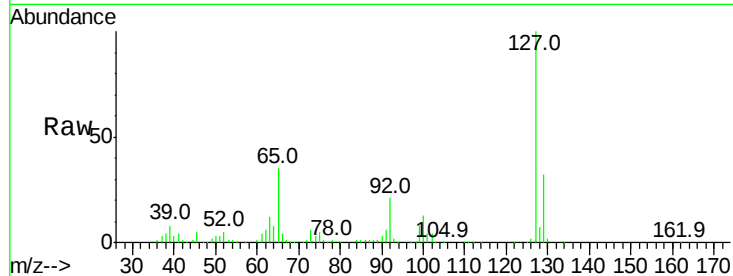
#33
4-Chloroaniline
Concen: 25.113 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.2	39.2		
65	35.1	27.8	41.8		
92	21.1	16.8	25.2		

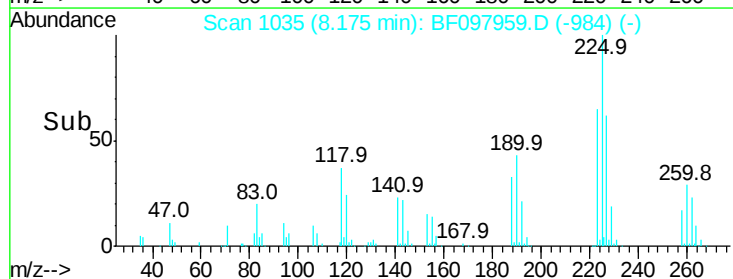
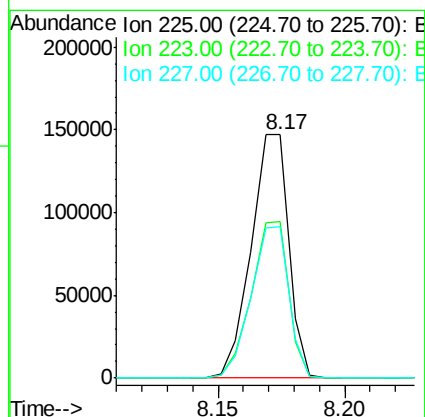
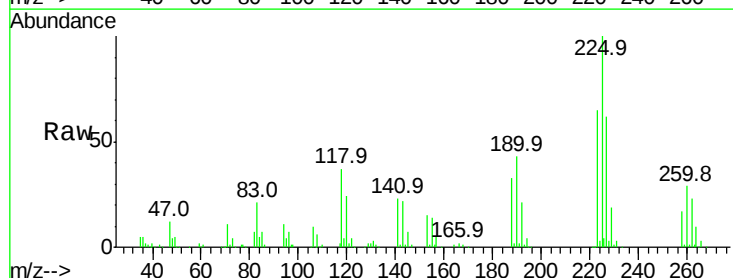
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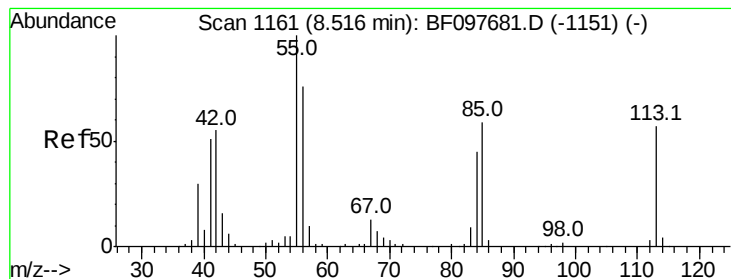
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#34
Hexachlorobutadiene
Concen: 37.106 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	48.8	73.2		
227	62.2	51.1	76.7		





#35

Caprolactam

Concen: 44.760 ng/mL

RT: 8.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB101706BS

Tot Ion:113 Resp: 96987

Ion Ratio Lower Upper

113 100

55 175.2 150.2 190.2

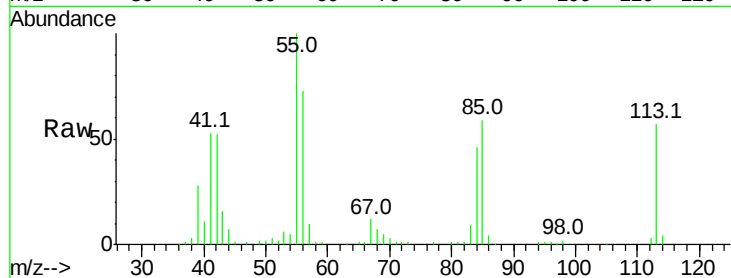
56 128.6 107.8 147.8

Manual Integrations

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Sohil

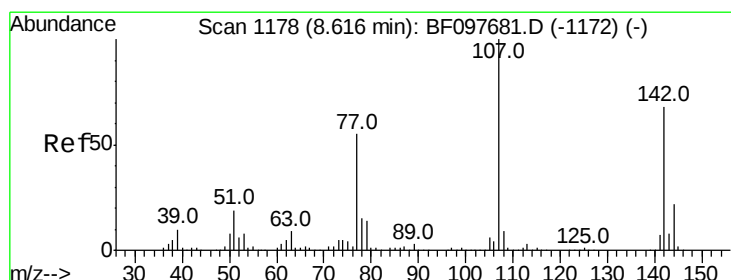
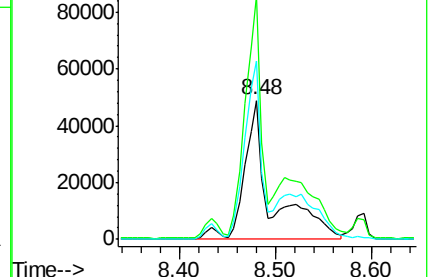
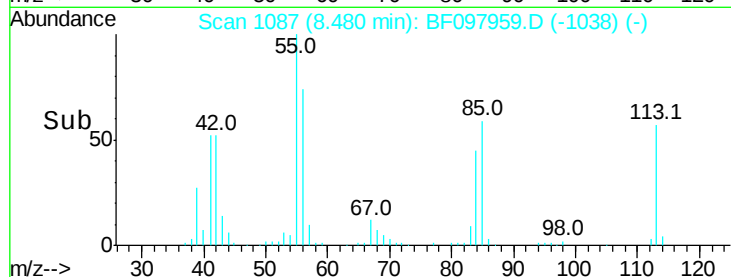
8/23/2017 3:03:39 PM



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: 40.358 ng/mL

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

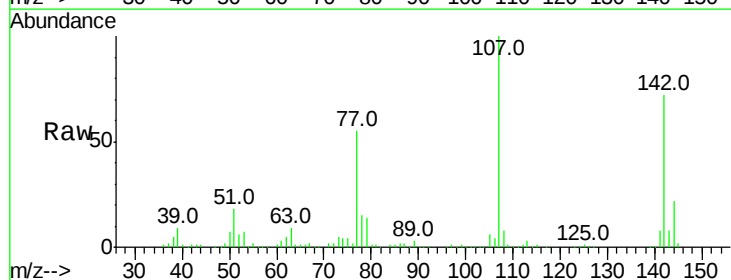
Tgt Ion:107 Resp: 330499

Ion Ratio Lower Upper

107 100

144 22.4 24.2 36.4#

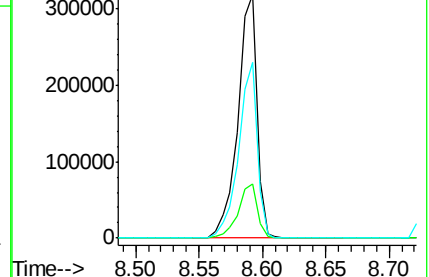
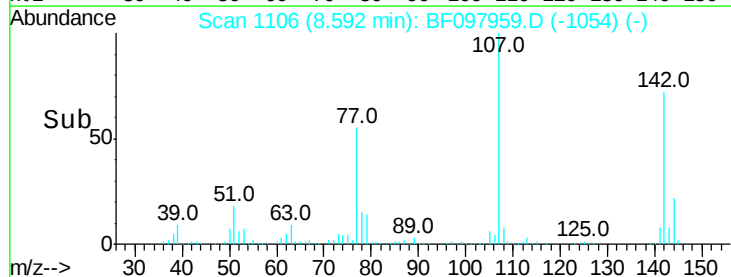
142 72.0 73.4 110.0#

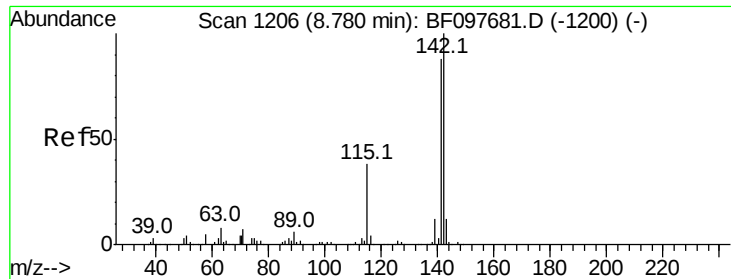


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





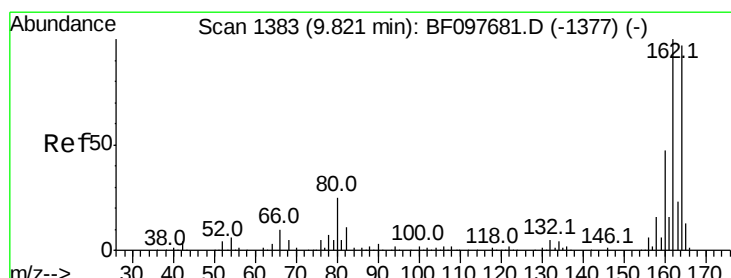
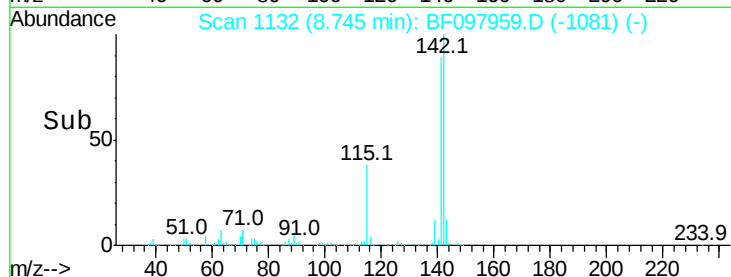
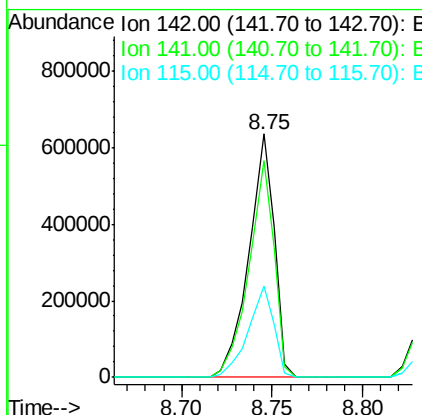
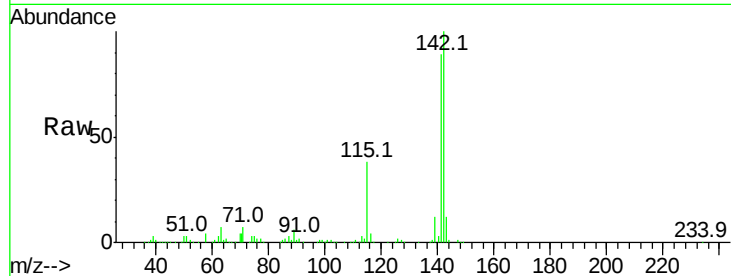
#37
2-Methylnaphthalene
Concen: 40.573 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	37.6	27.1	40.7

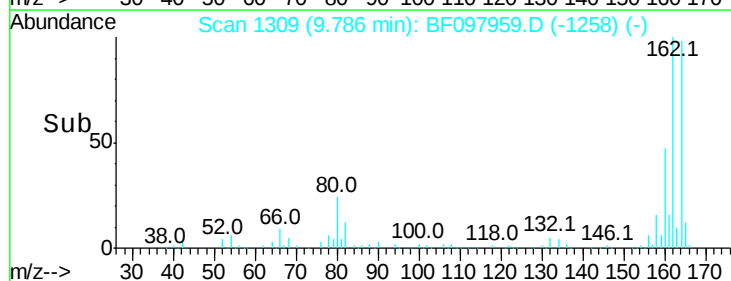
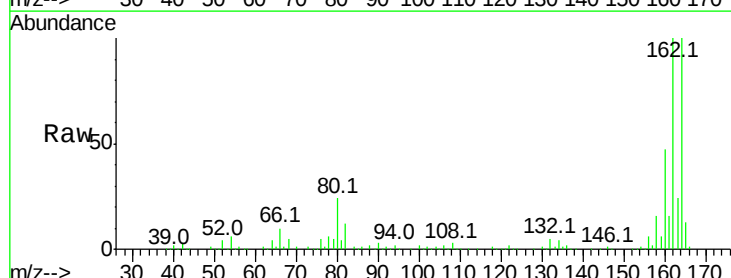
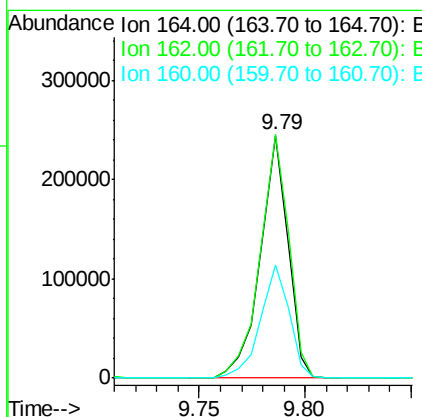
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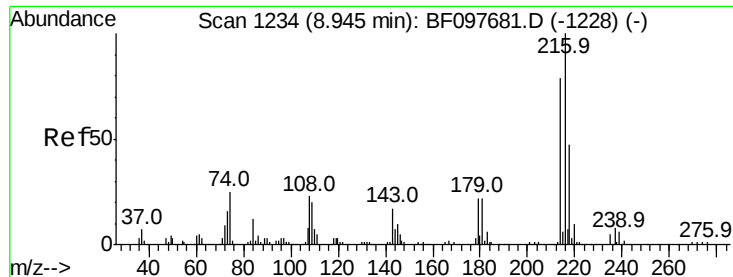
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	46.8	36.2	54.2





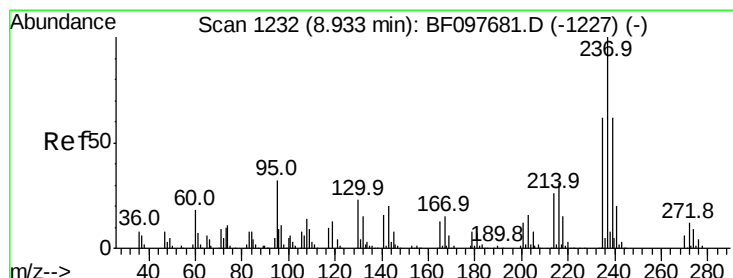
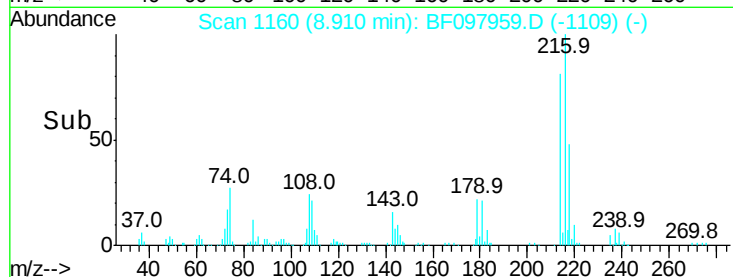
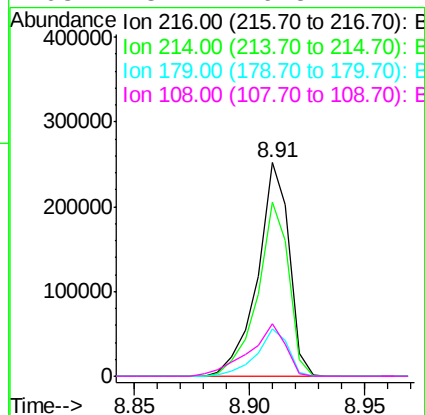
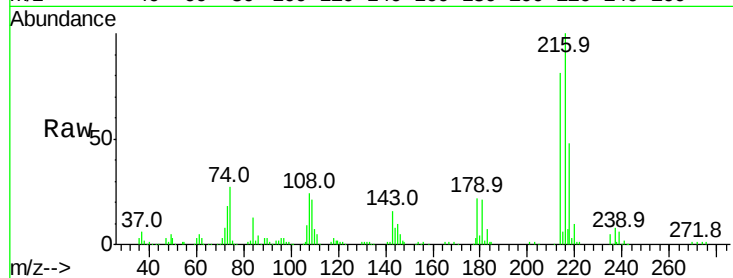
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.855 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.4	63.4	95.2
179	22.0	17.9	26.9
108	28.1	16.5	24.7

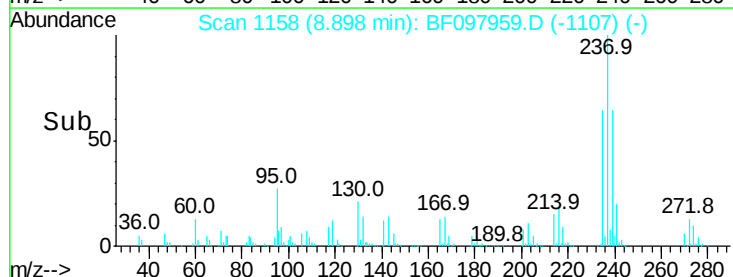
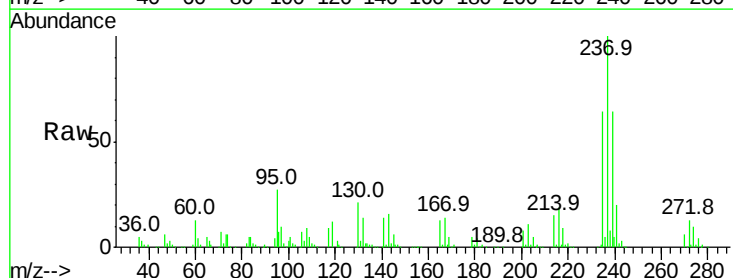
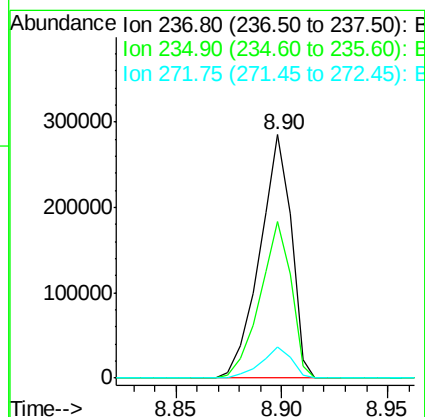
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 88.965 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.1	42.6	82.6
272	12.6	0.0	31.9





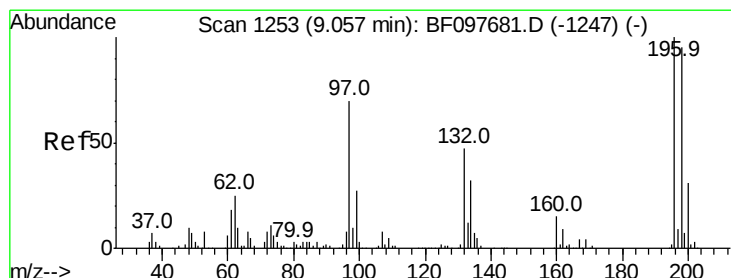
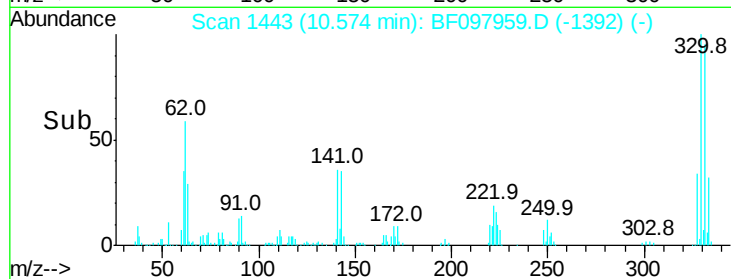
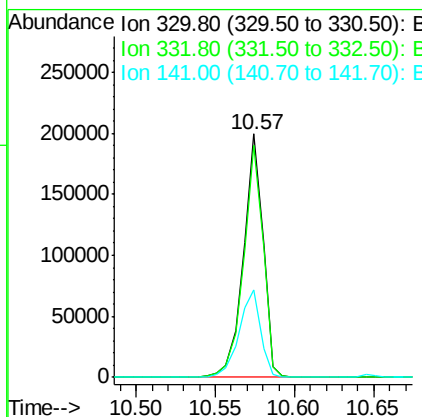
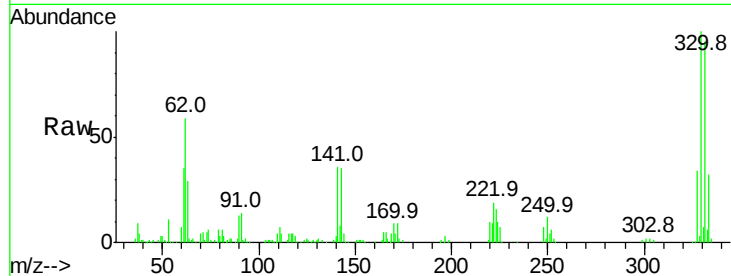
#41
 2,4,6-Tribromophenol
 Concen: 87.499 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	76.6	115.0	
141	39.7	31.4	47.2	

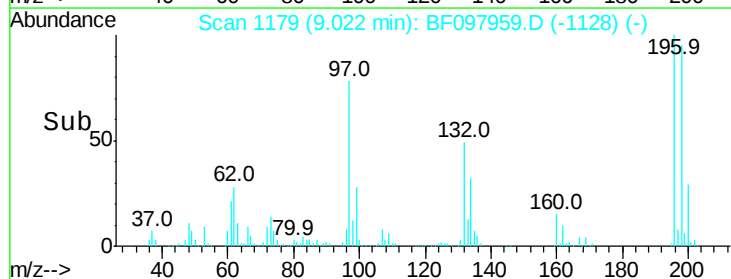
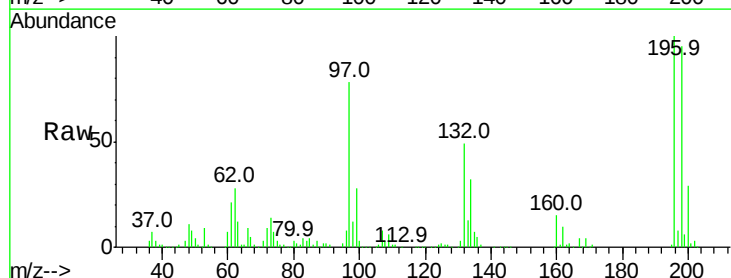
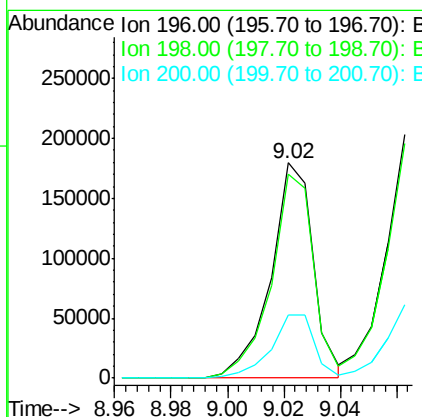
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 40.286 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.2	74.2	111.4	
200	29.3	24.0	36.0	





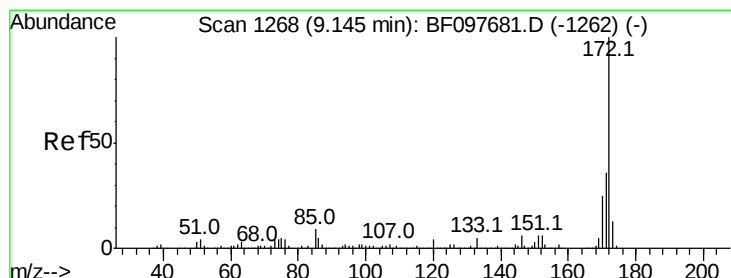
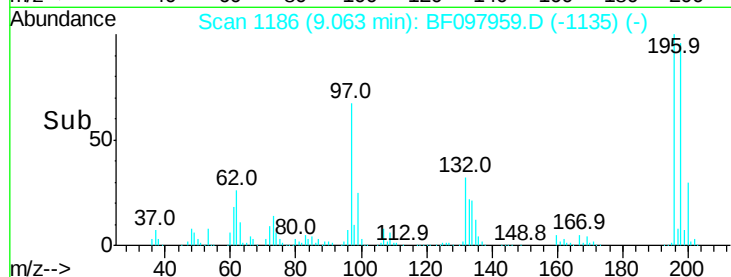
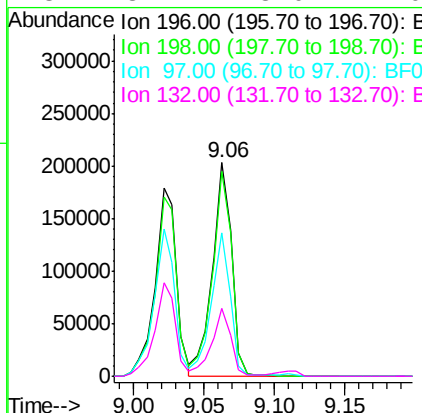
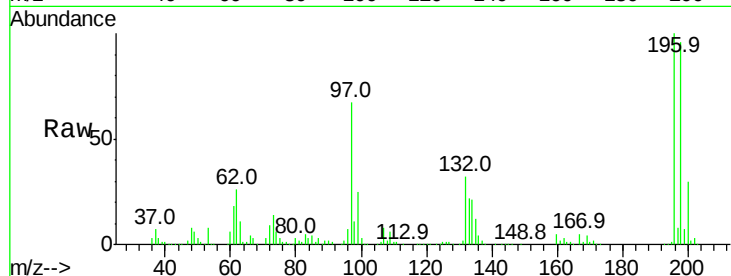
#43
2,4,5-Trichlorophenol
Concen: 42.010 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	196	Resp	193246
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
97	67.1	47.7	71.5
132	31.7	28.0	42.0

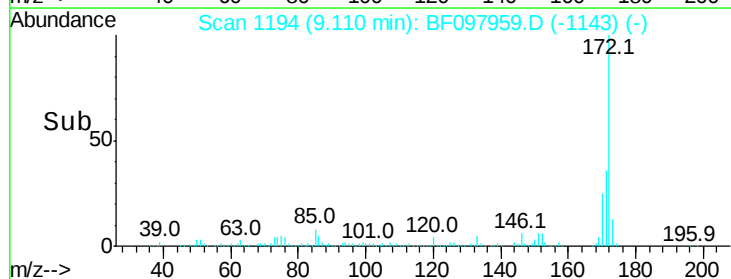
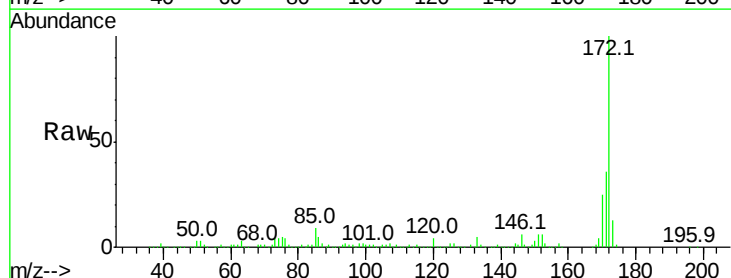
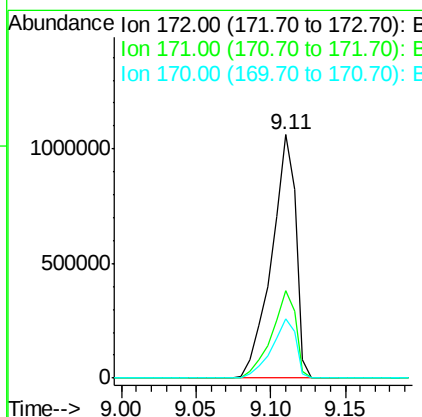
Manual Integrations
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8/23/2017 3:03:39 PM



#44
2-Fluorobiphenyl
Concen: 78.181 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	172	Resp	1197519
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	24.5	19.8	29.8





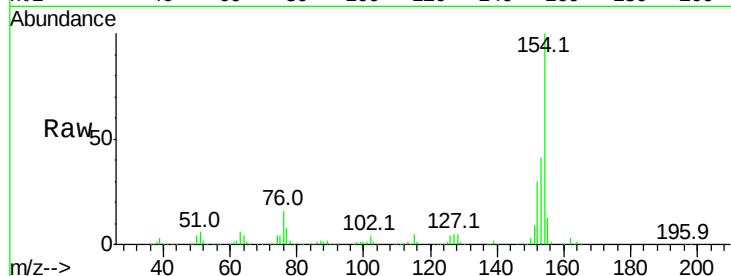
#45
 1,1'-Biphenyl
 Concen: 35.843 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampled :
 PB101706BS

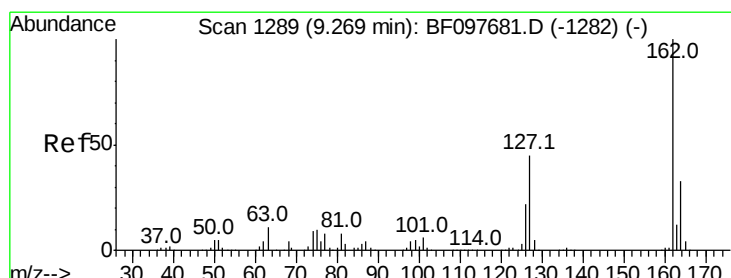
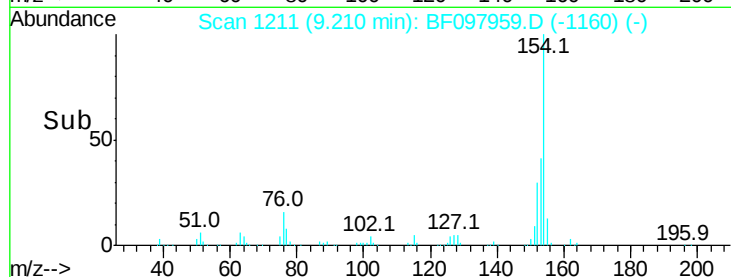
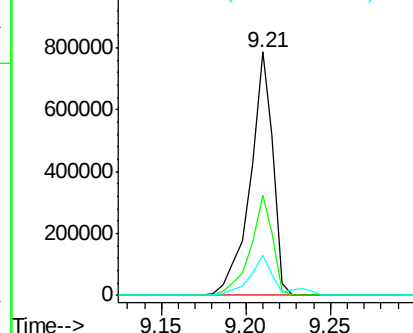
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	21.2	61.2	
76	16.3	0.0	29.9	

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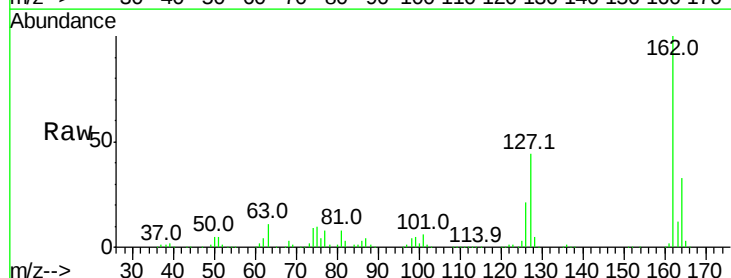


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

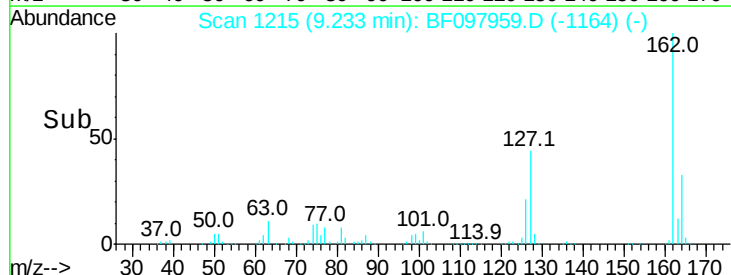
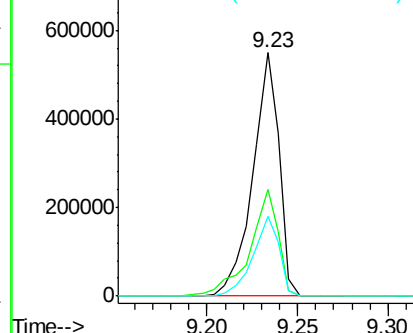


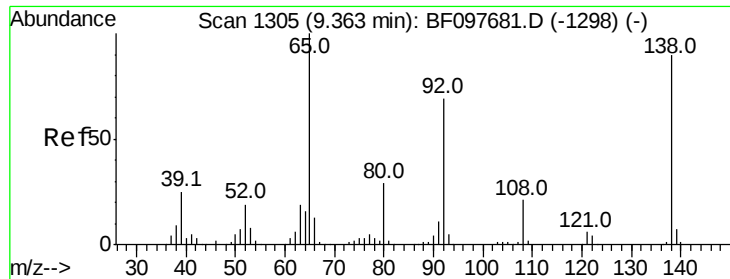
#46
 2-Chloronaphthalene
 Concen: 36.314 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.0	28.3	42.5#	
164	32.7	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





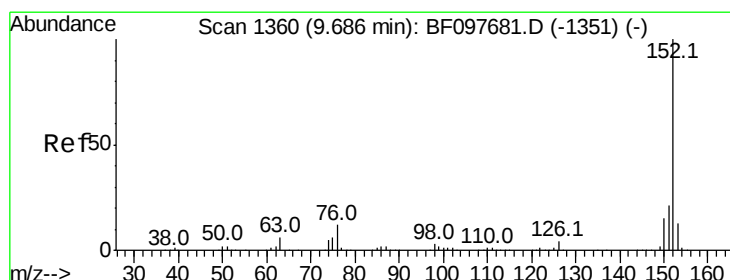
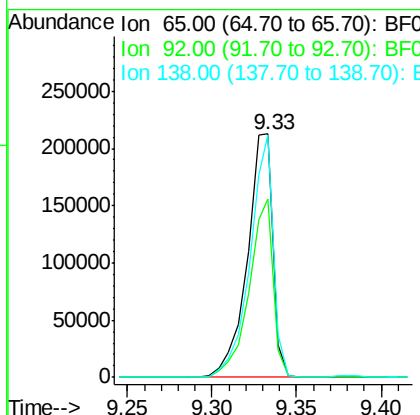
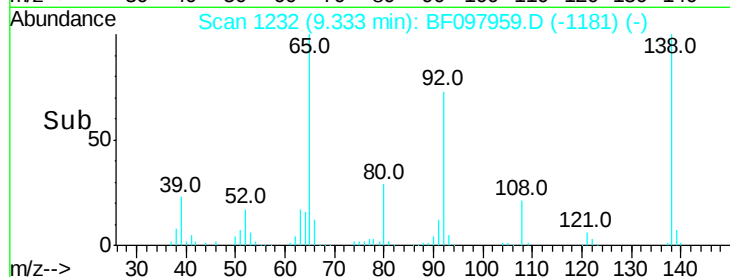
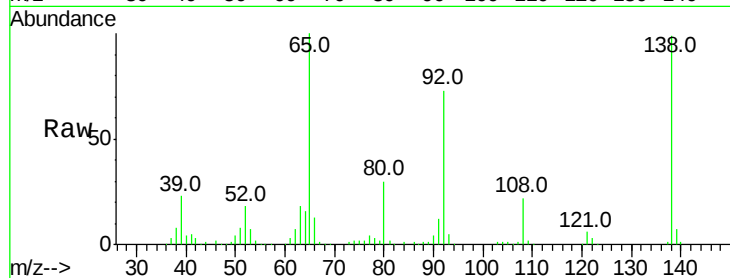
#47
 2-Nitroaniline
 Concen: 44.703 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.1	53.9	80.9
138	99.4	78.8	118.2

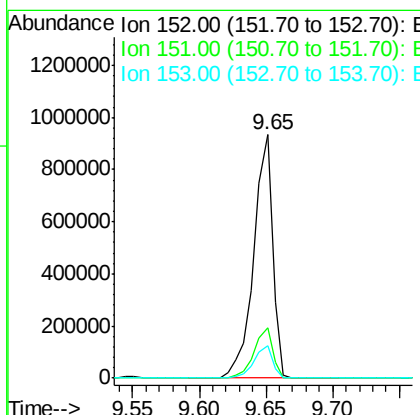
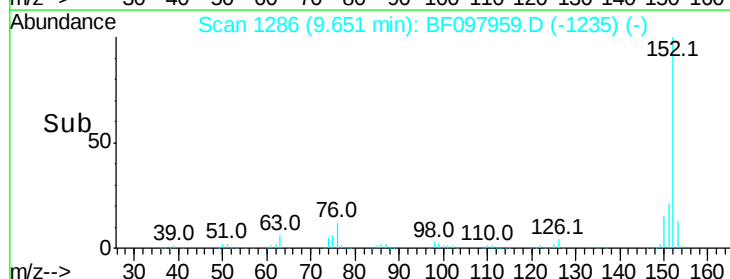
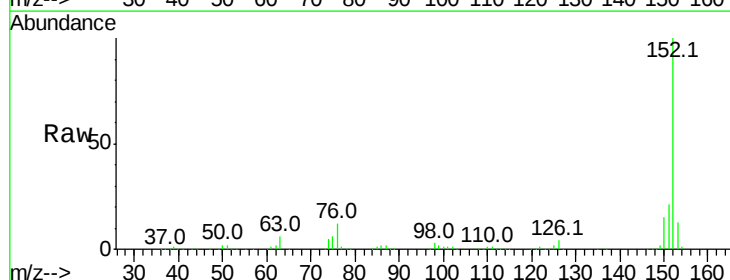
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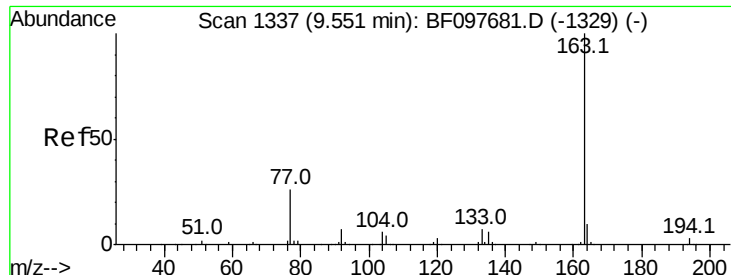
Sohil
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#48
 Acenaphthylene
 Concen: 37.847 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	13.3	10.8	16.2





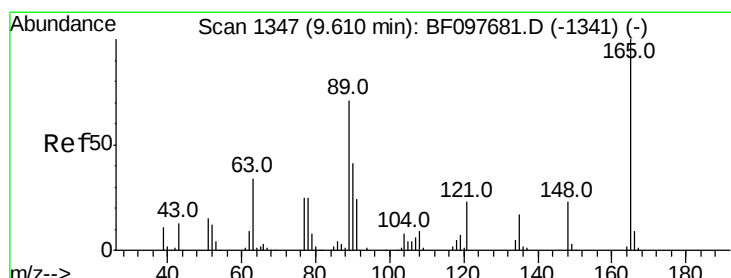
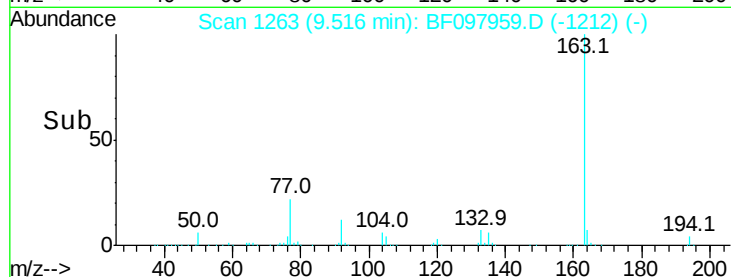
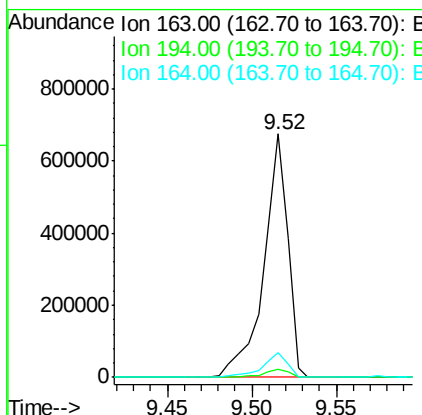
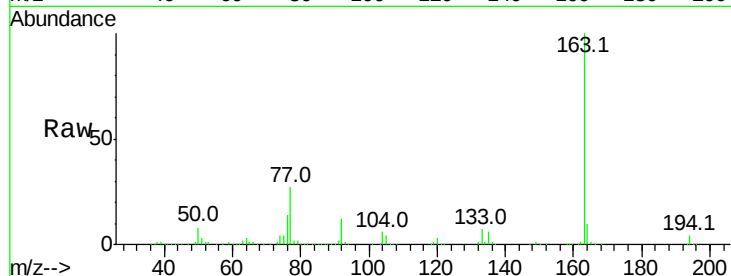
#49
 Dimethylphthalate
 Concen: 40.142 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	660323		
194	3.5	2.6	4.0	
164	10.4	8.4	12.6	

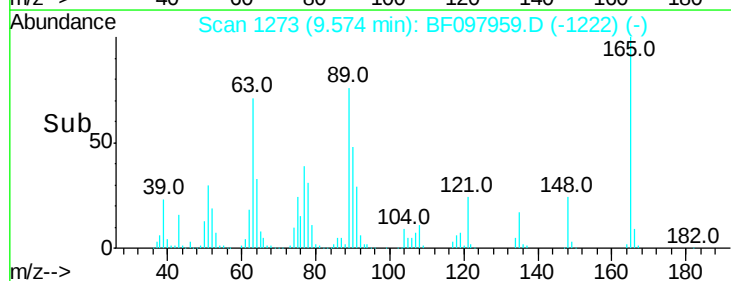
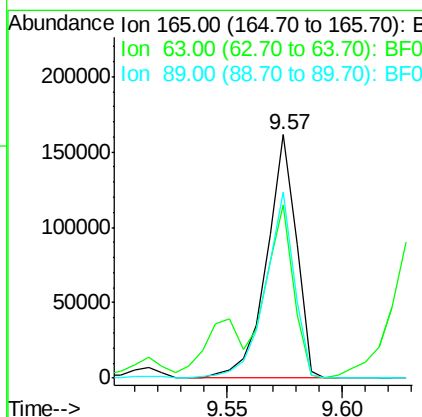
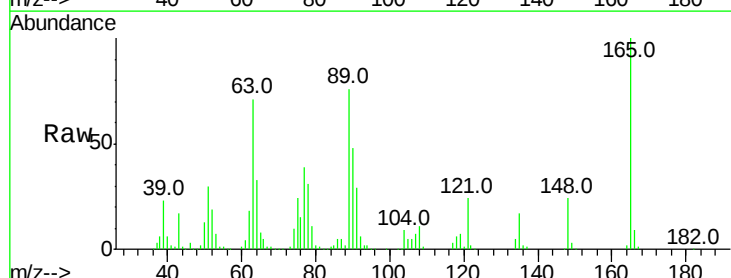
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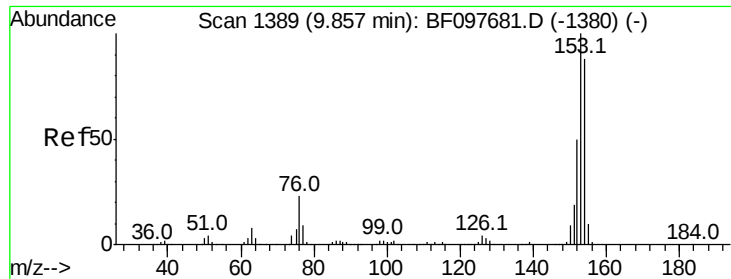
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 43.709 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	143519		
63	71.2	34.3	51.5#	
89	76.4	37.1	55.7#	





#51

Acenaphthene

Concen: 35.844 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

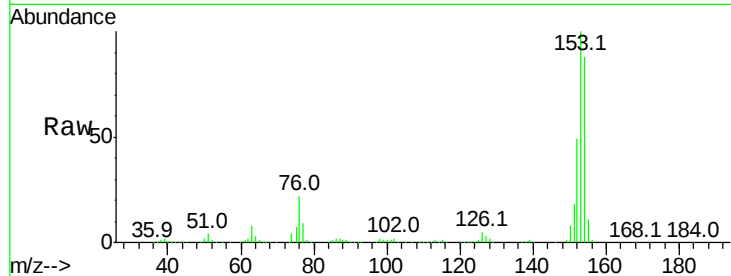
ClientSampleId :

PB101706BS

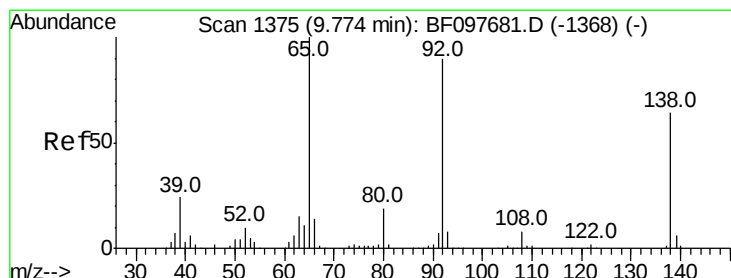
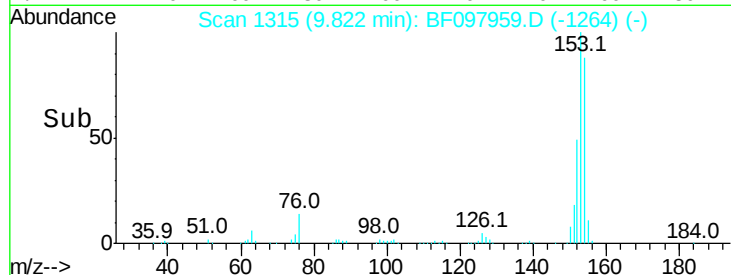
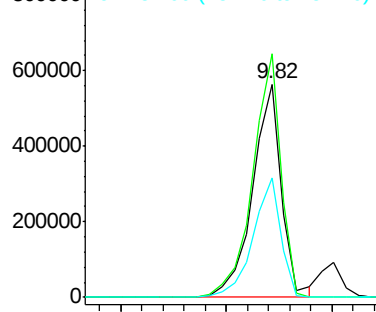
Tot Ion:	154	Resp:	538286
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	56.1	43.6	65.4

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



#52

3-Nitroaniline

Concen: 29.875 ng

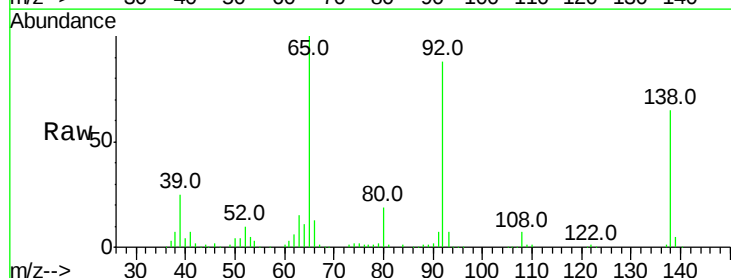
RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

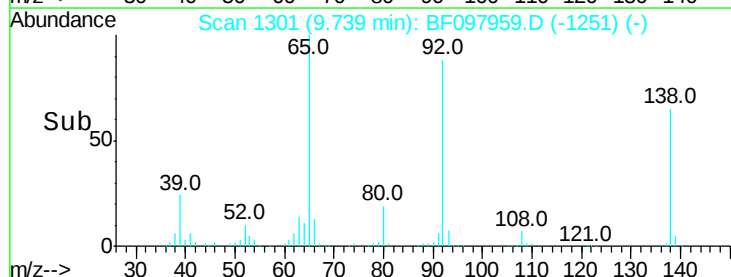
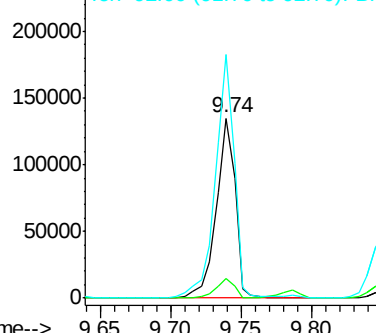
Lab File: BF097959.D

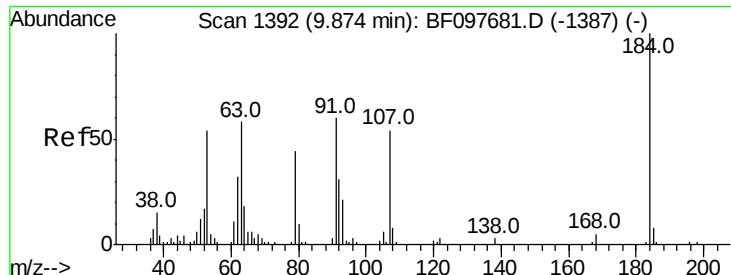
Acq: 22 Aug 2017 17:47

Tgt Ion:	138	Resp:	126562
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	135.2	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





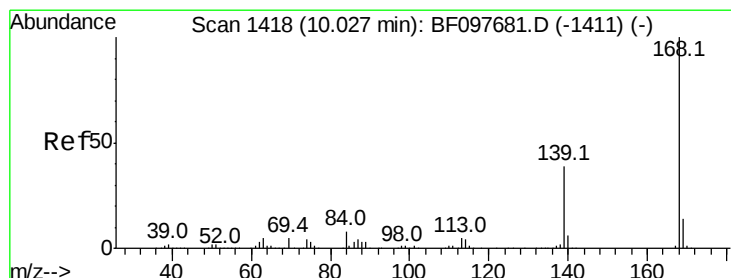
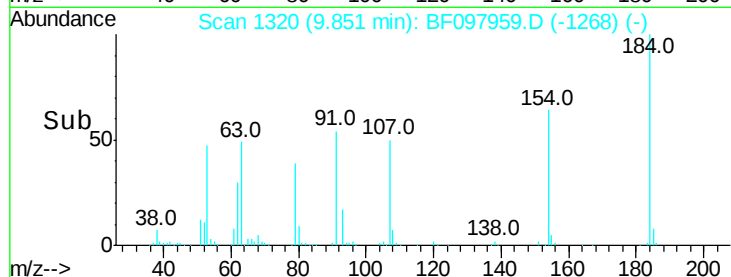
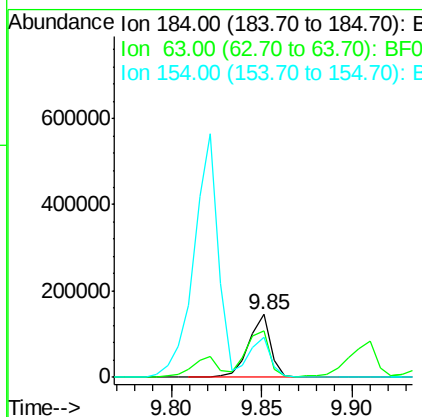
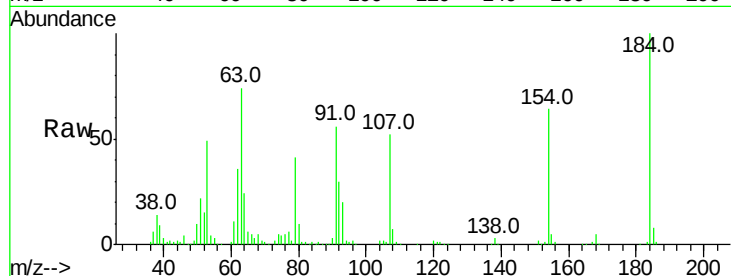
#53
2,4-Dinitrophenol
Concen: 80.082 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	125101		
63	74.2	62.7	94.1	
154	63.8	81.1	121.7	

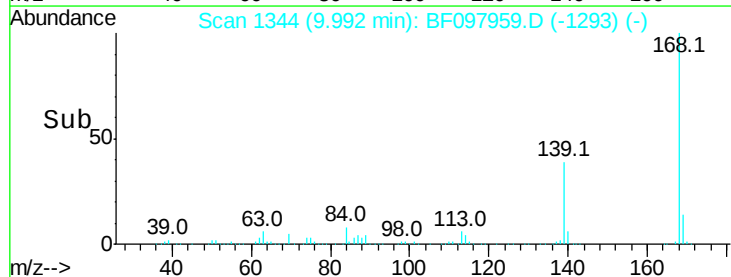
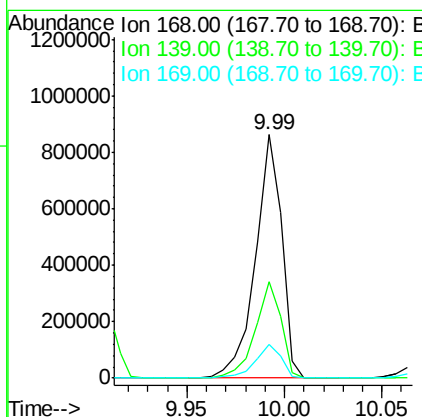
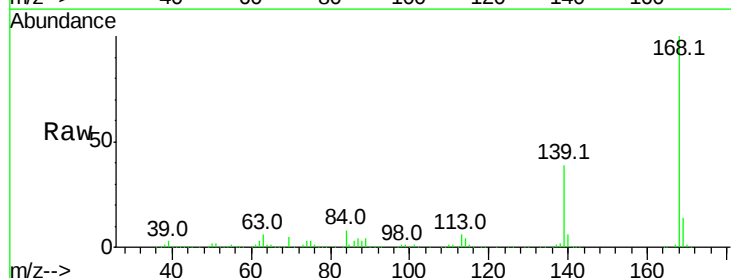
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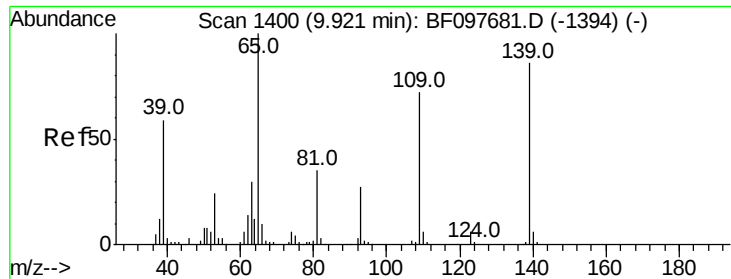
Sohil
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#54
Dibenzofuran
Concen: 39.850 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	802053		
139	39.5	30.6	45.8	
169	13.7	10.8	16.2	





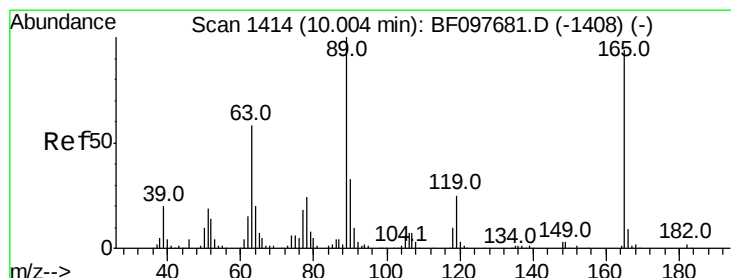
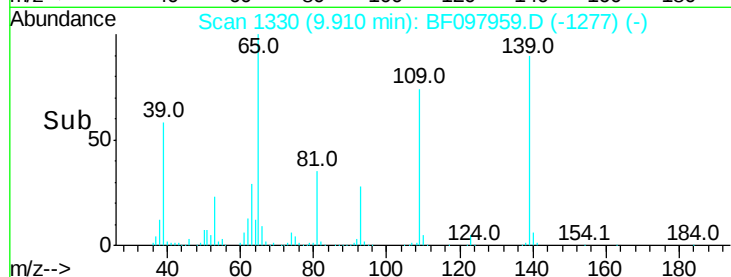
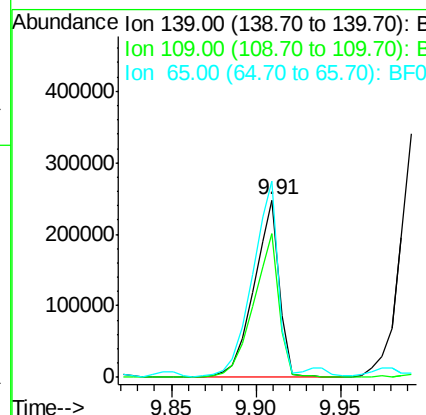
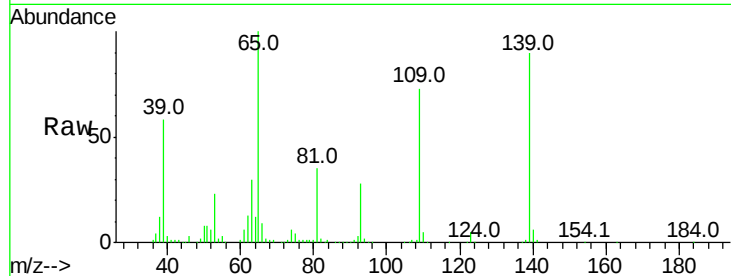
#55
4-Nitrophenol
Concen: 77.273 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	261138		
109	81.3	34.1	74.1#	
65	110.6	31.4	71.4#	

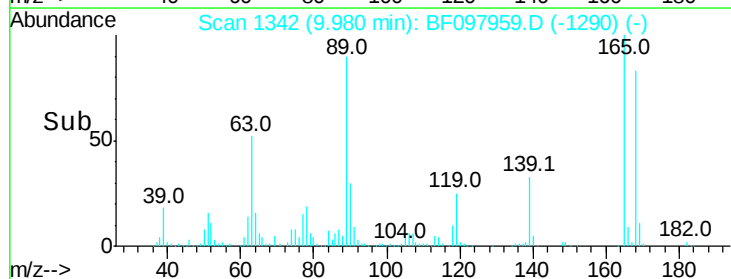
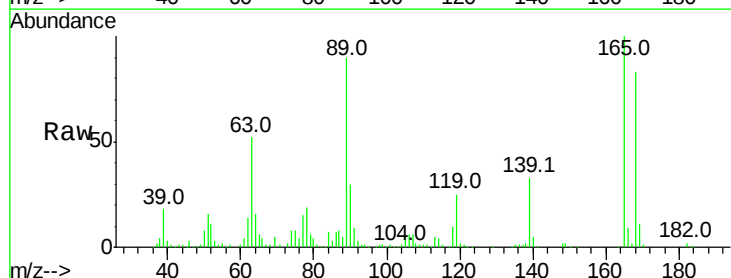
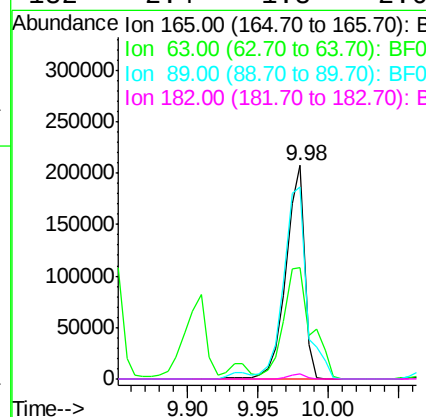
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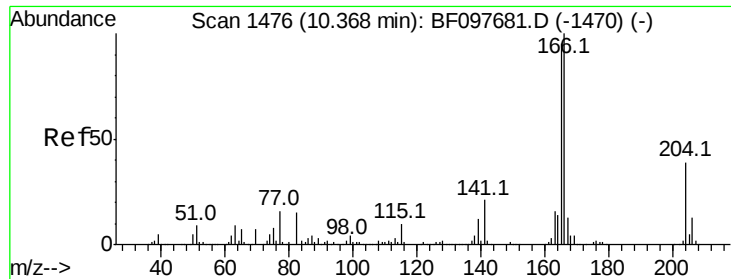
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#56
2,4-Dinitrotoluene
Concen: 46.544 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191796		
63	52.3	25.4	38.0#	
89	89.9	46.4	69.6#	
182	2.4	1.8	2.6	





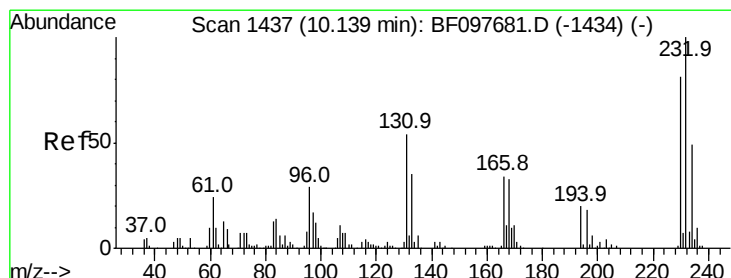
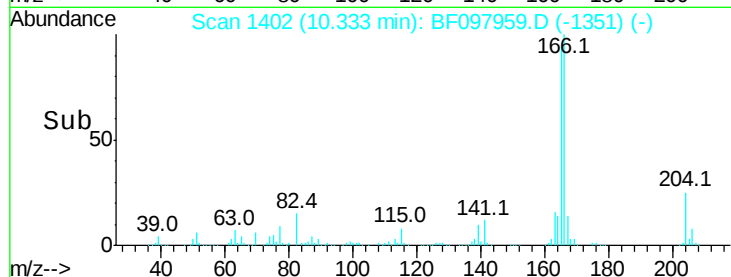
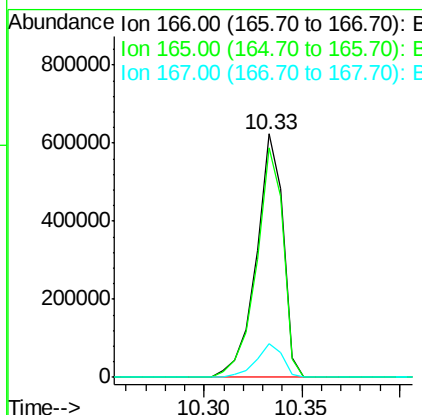
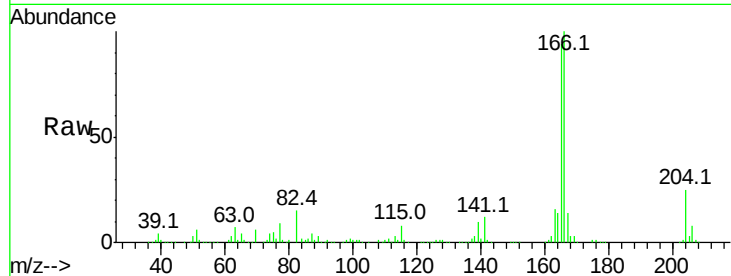
#57
Fluorene
 Concen: 37.830 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.2	78.8	118.2	
167	13.8	10.6	16.0	

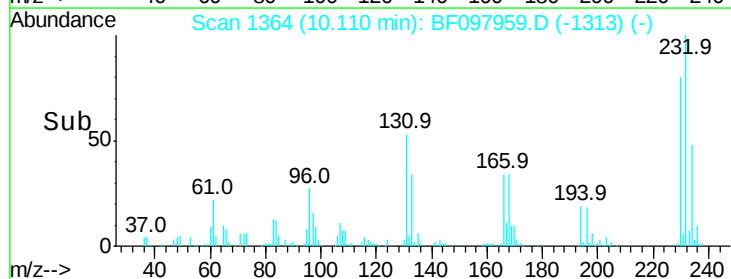
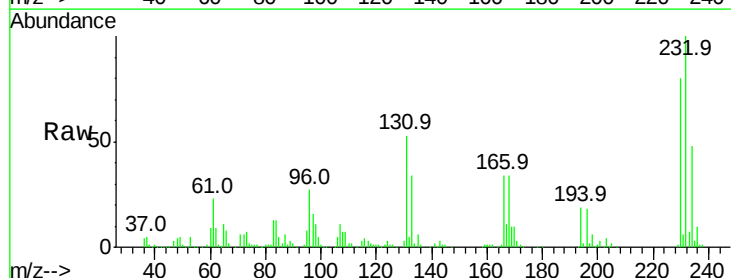
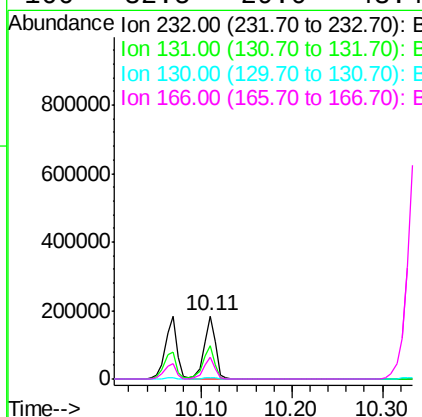
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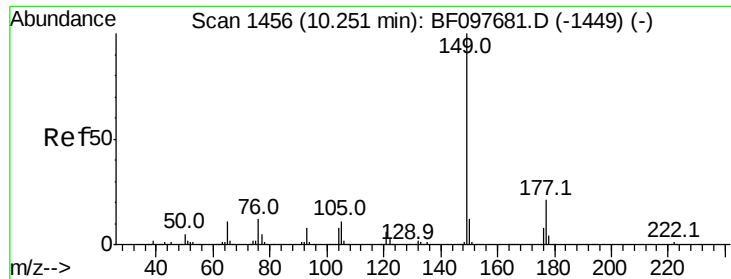
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.138 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	51.6	44.8	67.2	
130	2.9	2.3	3.5	
166	32.5	29.0	43.4	





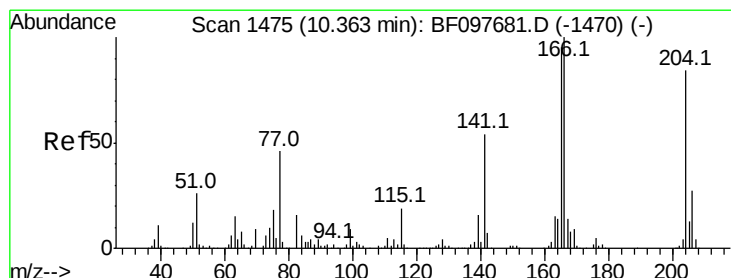
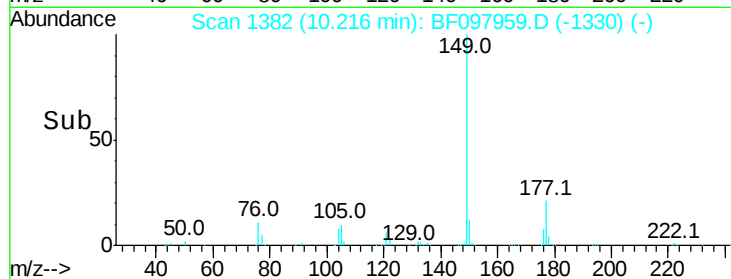
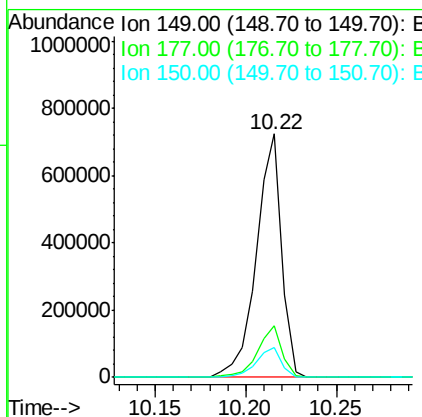
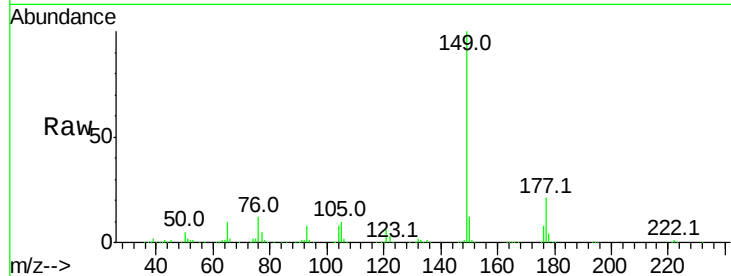
#59
Diethylphthalate
Concen: 40.518 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampled :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	697006		
177	21.2	16.7	25.1	
150	12.4	10.2	15.2	

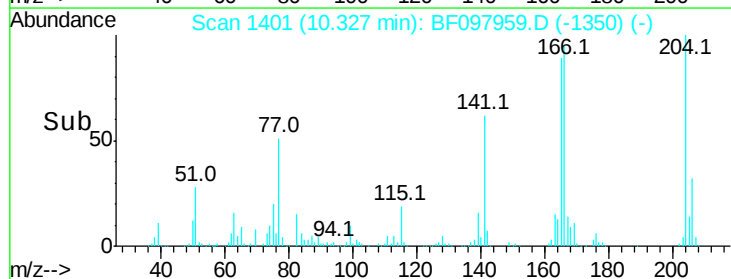
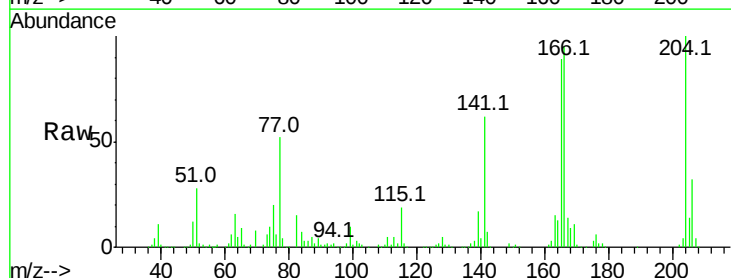
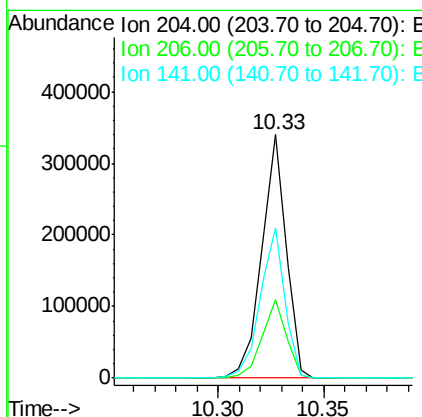
Manual Integrations
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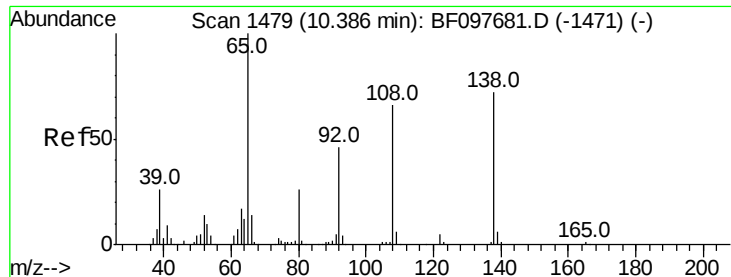
Sohil
8/23/2017 3:03:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.132 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	275662		
206	32.0	26.2	39.2	
141	61.7	60.8	91.2	





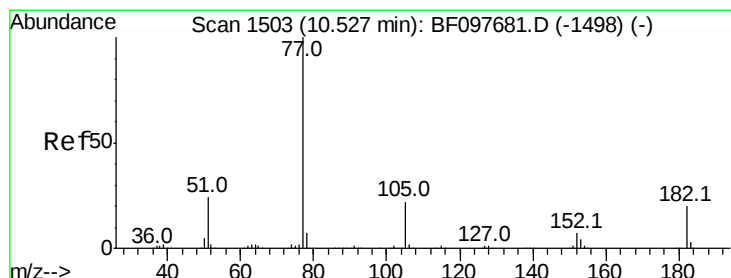
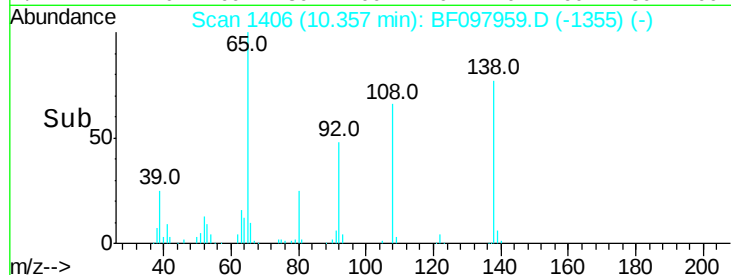
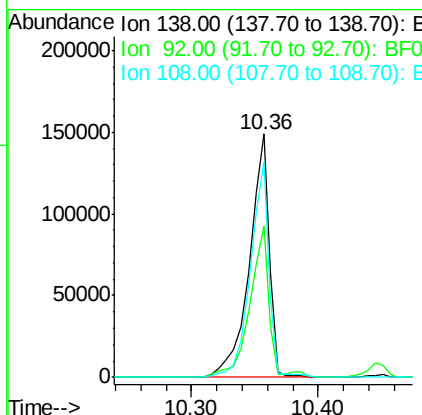
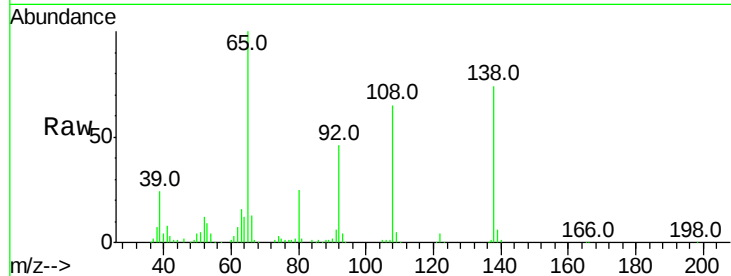
#61
4-Nitroaniline
Concen: 40.766 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	164141		
92	62.1	21.8	61.8#	
108	88.4	42.3	82.3#	

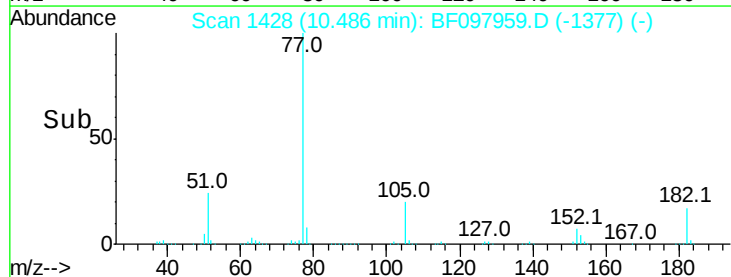
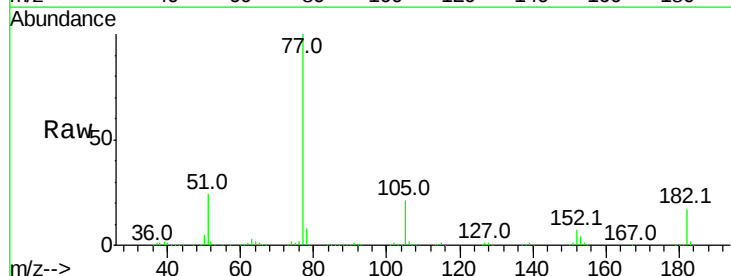
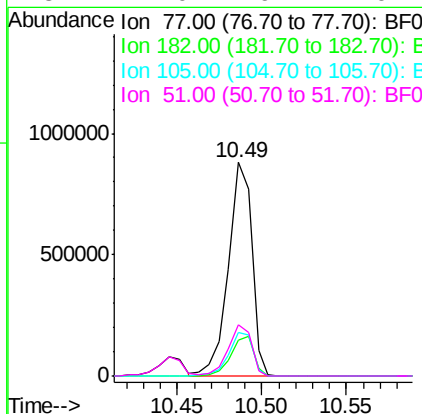
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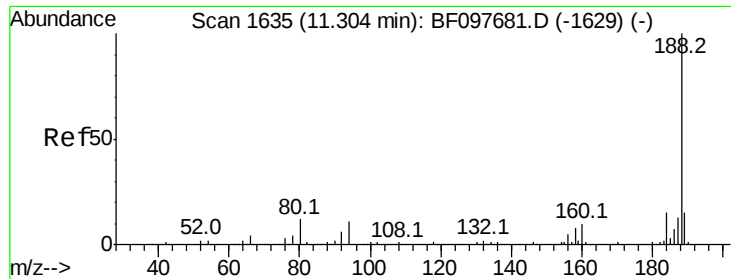
Sohil
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#62
Azobenzene
Concen: 41.423 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	846418		
182	17.1	0.1	40.1	
105	20.6	3.6	43.6	
51	24.0	9.4	49.4	





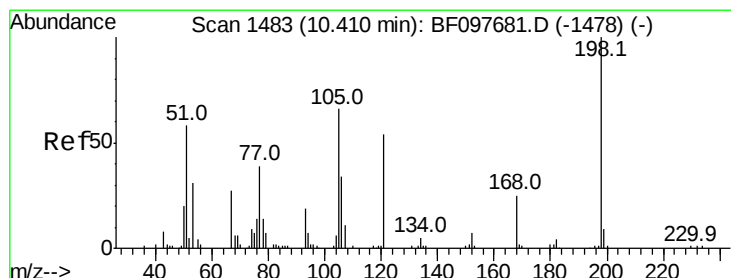
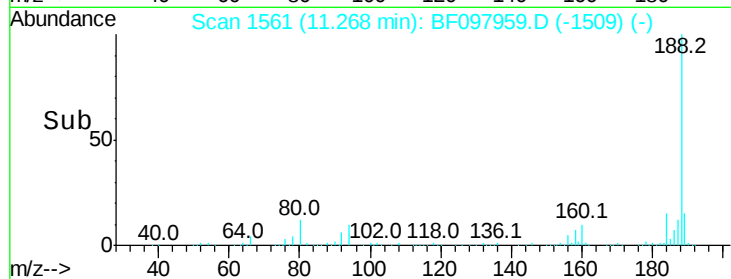
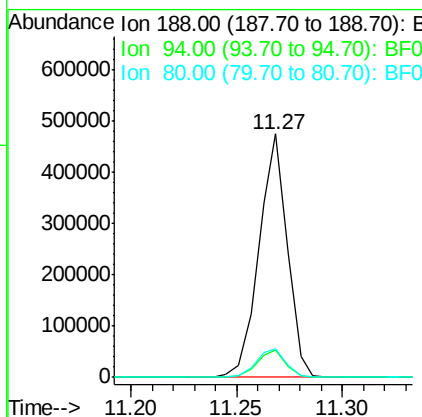
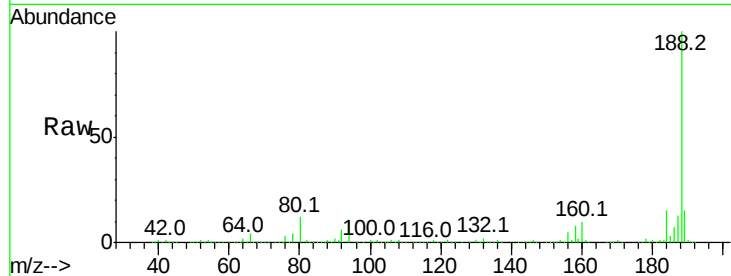
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.2	9.4	14.2	
80	11.9	10.2	15.2	

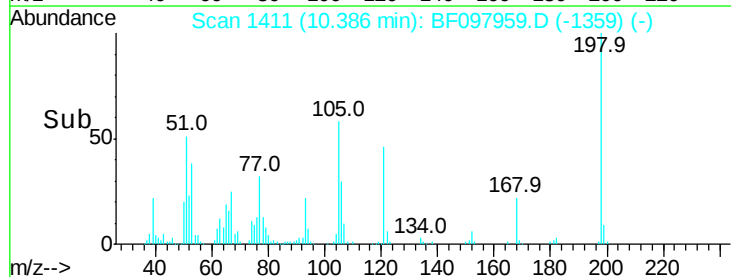
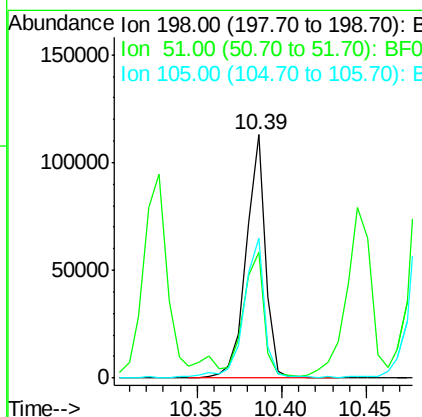
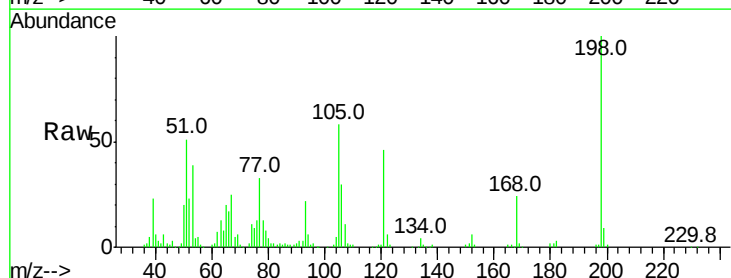
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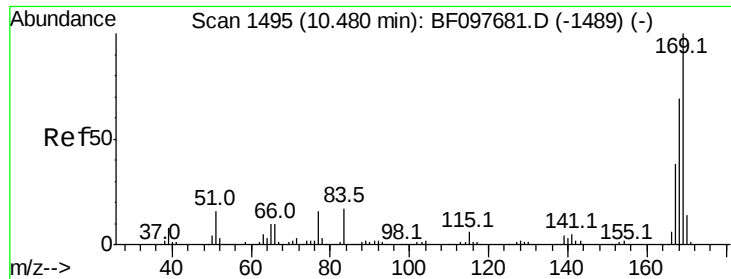
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.191 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	51.5	53.2	93.2#	
105	57.7	45.8	85.8	





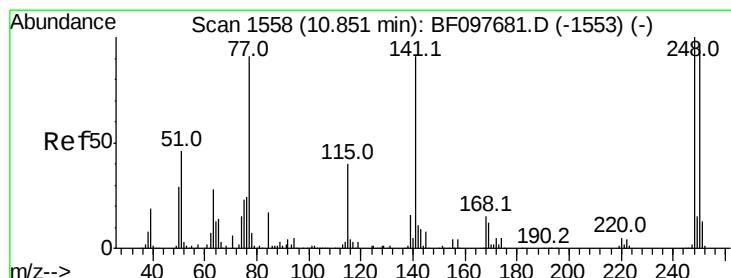
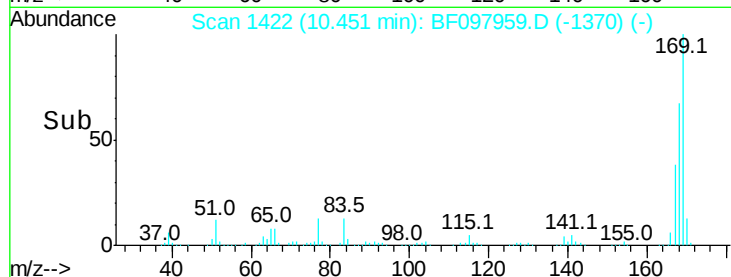
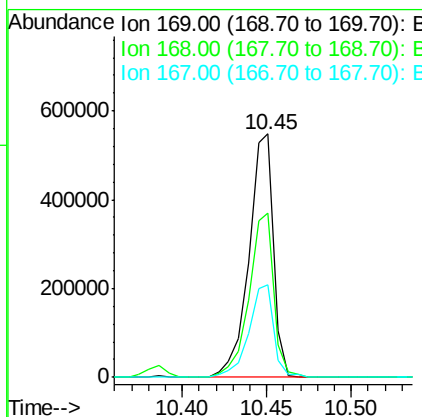
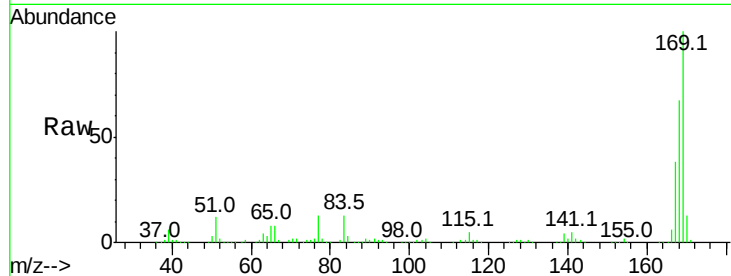
#65
 n-Nitrosodiphenylamine
 Concen: 37.136 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.5	53.2	79.8	
167	37.8	29.5	44.3	

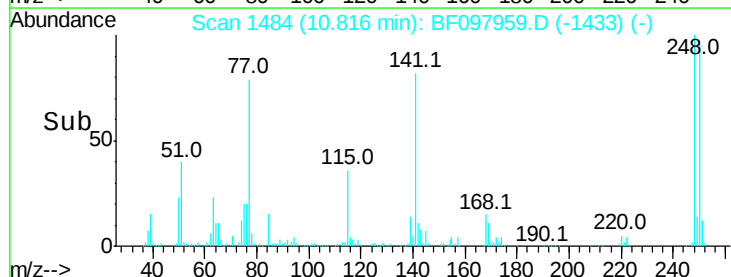
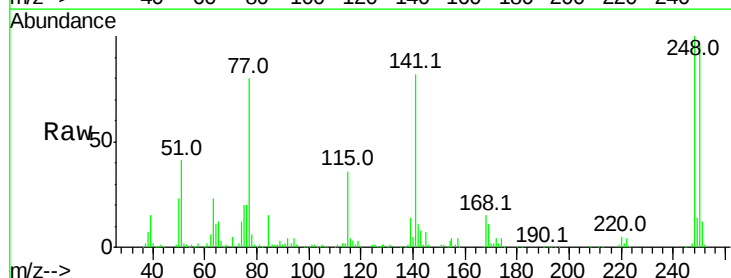
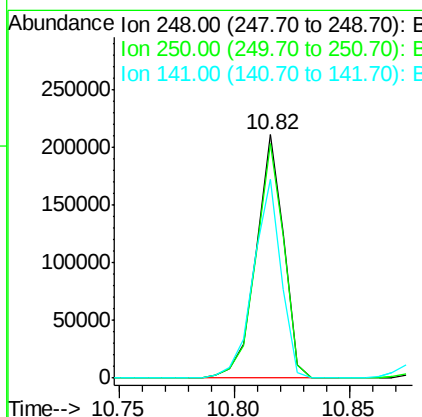
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#66
 4-Bromophenyl-phenylether
 Concen: 38.413 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.2	76.8	115.2	
141	81.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 35.807 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

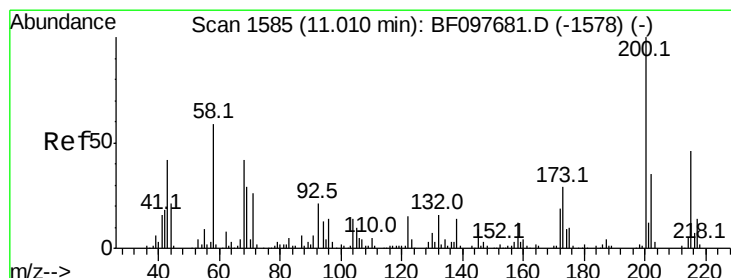
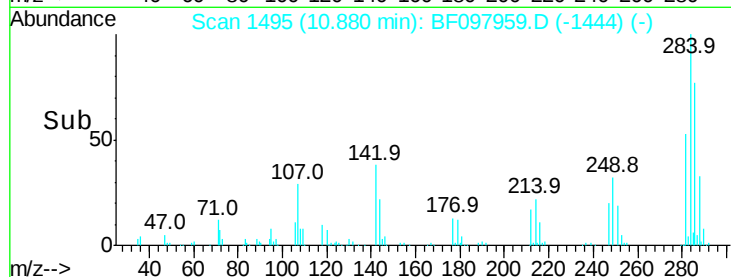
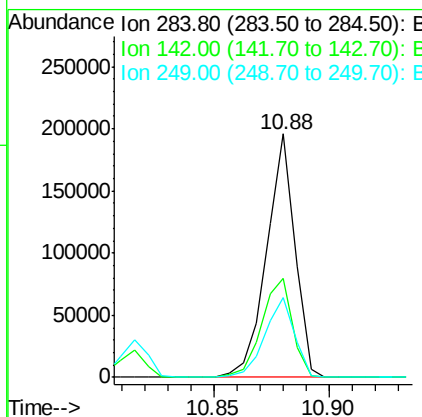
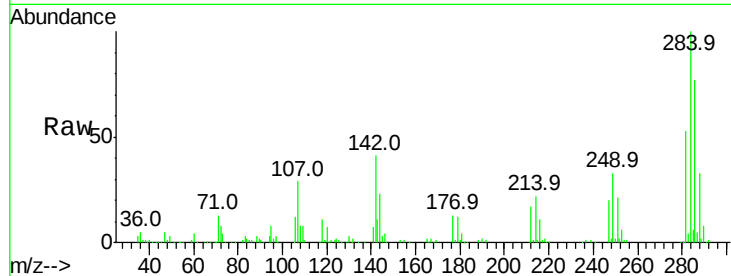
ClientSampleId :

PB101706BS

Tot Ion:	284	Resp:	167740
Ion Ratio	Lower	Upper	
284	100		
142	40.7	22.8	34.2#
249	32.7	24.0	36.0

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#68

Atrazine

Concen: 42.819 ng

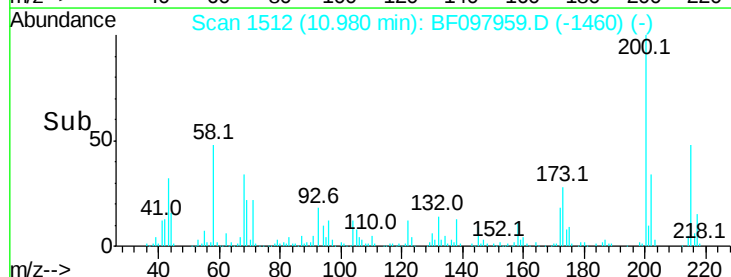
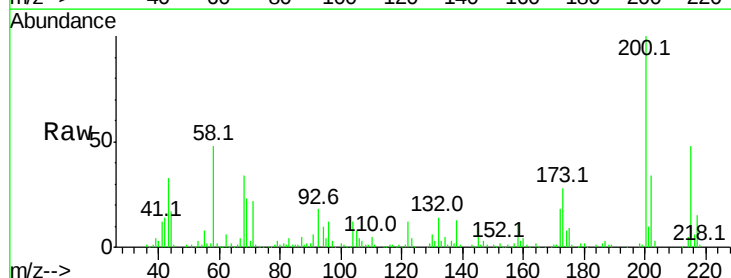
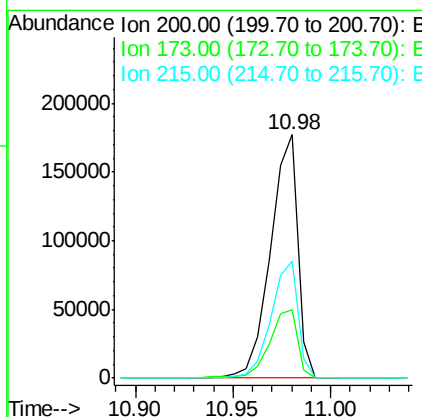
RT: 10.98 min Scan# 1512

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	200	Resp:	171145
Ion Ratio	Lower	Upper	
200	100		
173	28.1	6.3	46.3
215	47.9	27.2	67.2





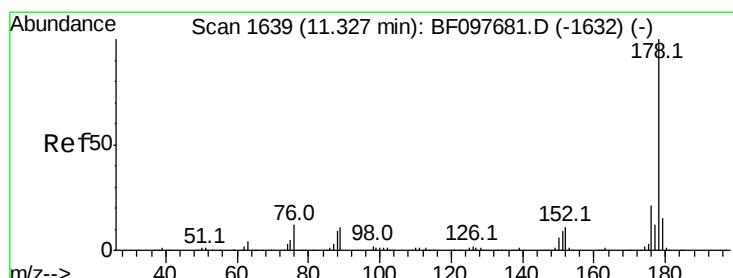
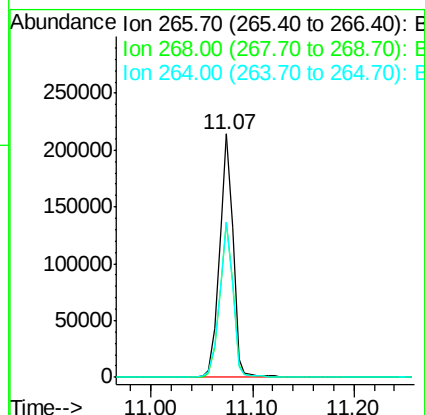
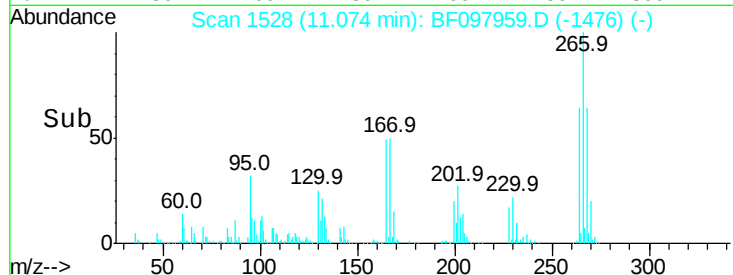
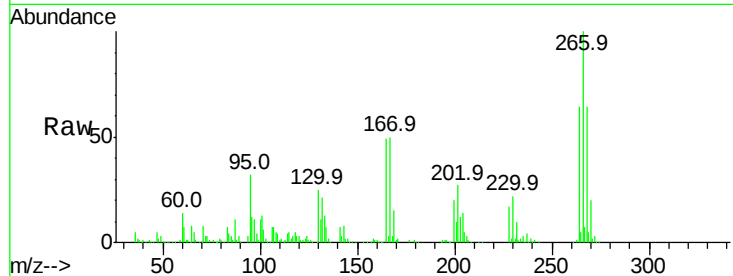
#69
 Pentachlorophenol
 Concen: 72.966 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	199295		
268	63.6	51.1	76.7	
264	63.9	51.7	77.5	

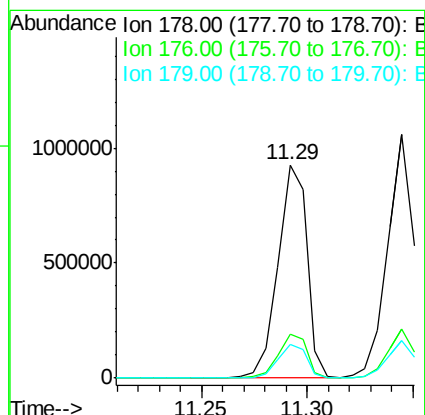
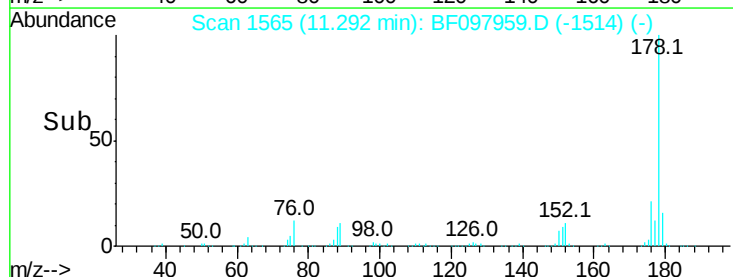
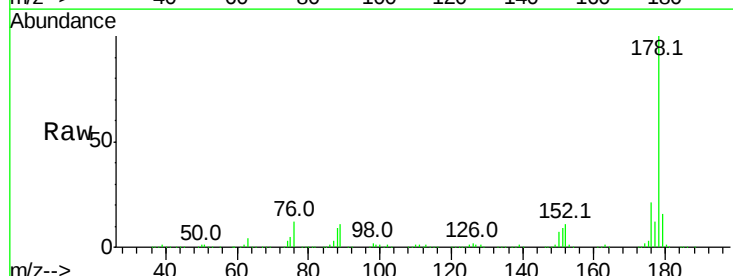
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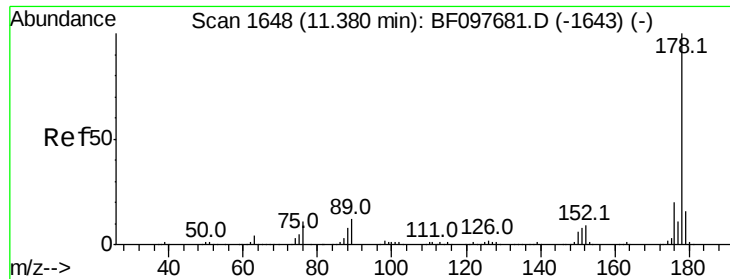
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#70
 Phenanthrene
 Concen: 37.800 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	891473		
176	20.5	16.2	24.4	
179	15.7	12.6	19.0	





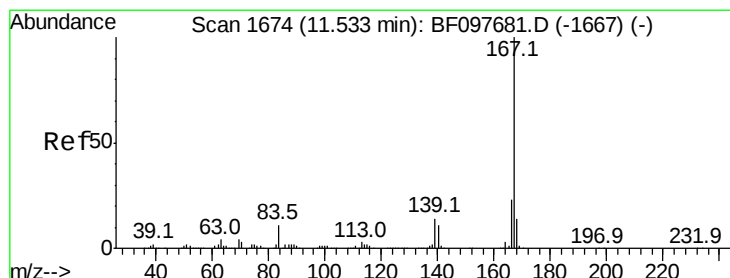
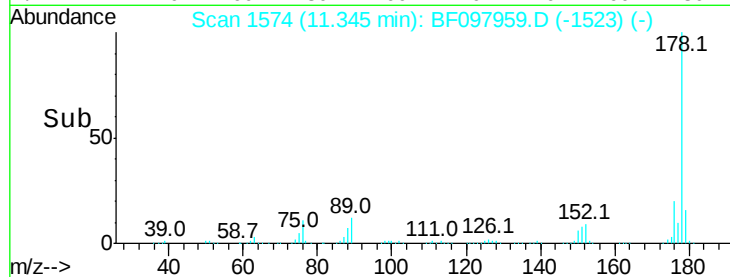
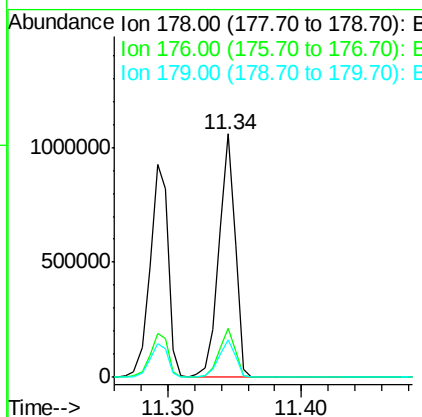
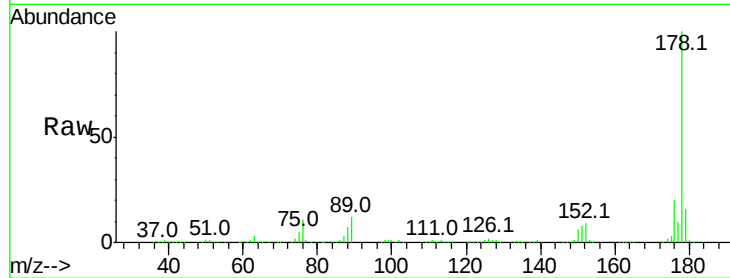
#71
 Anthracene
 Concen: 38.328 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	916838		
176	19.9	15.8	23.8	
179	15.5	12.7	19.1	

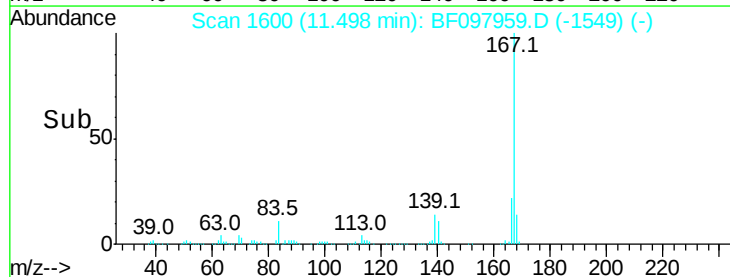
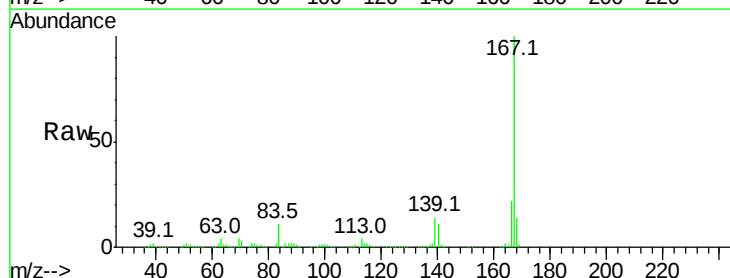
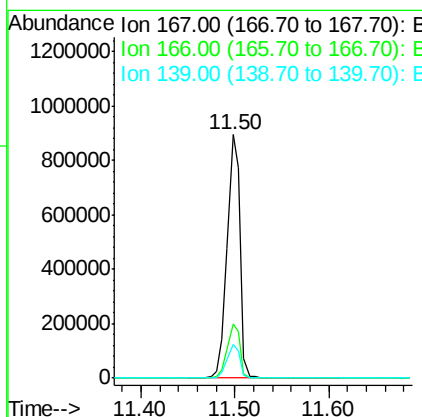
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#72
 Carbazole
 Concen: 37.861 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	859671		
166	22.5	18.1	27.1	
139	14.0	11.7	17.5	





#73

Di-n-butylphthalate

Concen: 42.113 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB101706BS

Tot Ion:149 Resp: 1101432

Ion Ratio Lower Upper

149 100

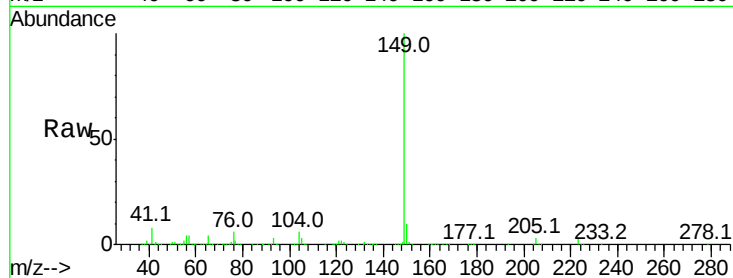
150 9.5 7.7 11.5

104 5.6 4.0 6.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.83

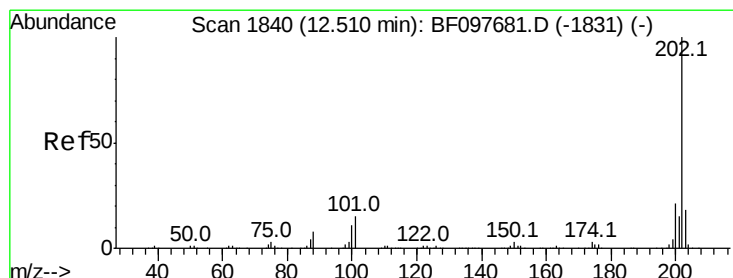
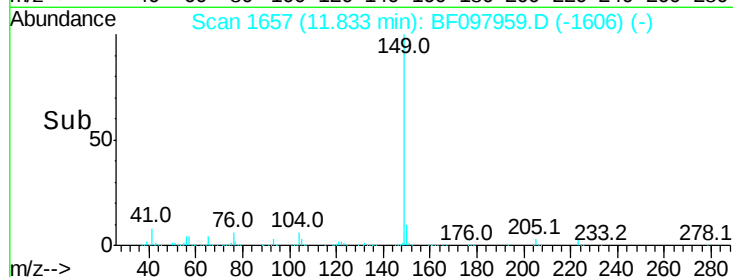
1500000

1000000

500000

0

Time--> 11.75 11.80 11.85 11.90



#74

Fluoranthene

Concen: 38.445 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

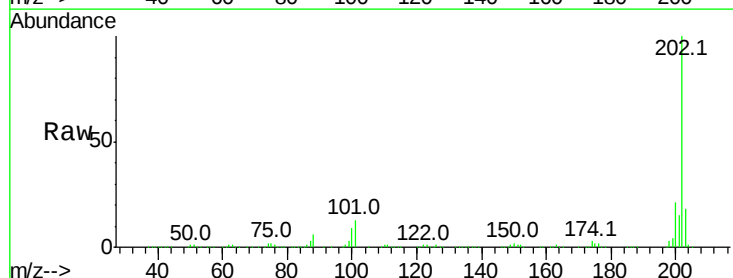
Tgt Ion:202 Resp: 946379

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

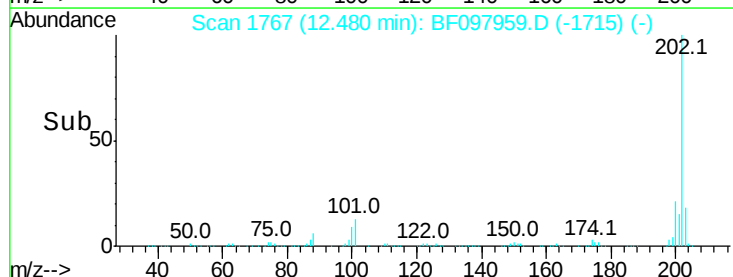
12.48

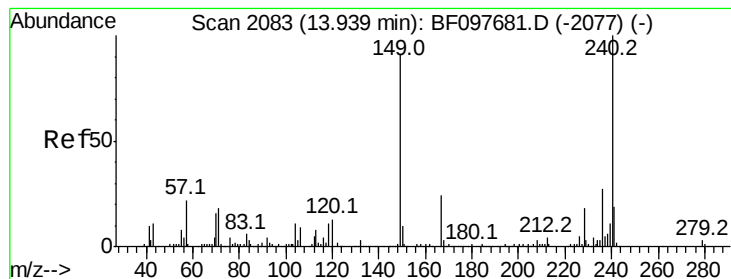
1000000

500000

0

Time--> 12.40 12.50





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

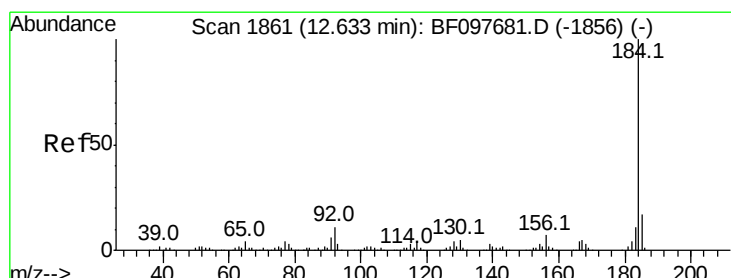
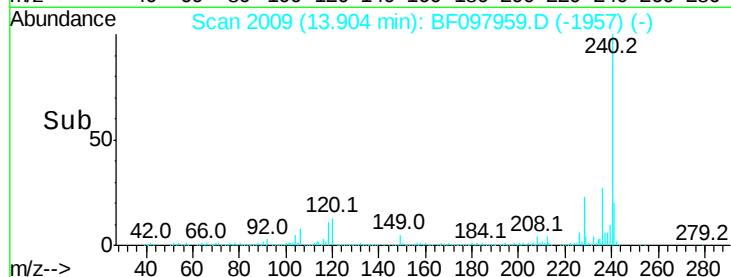
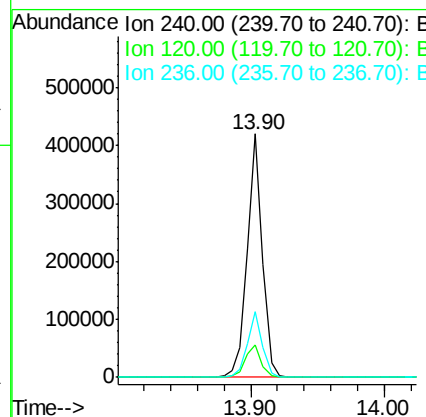
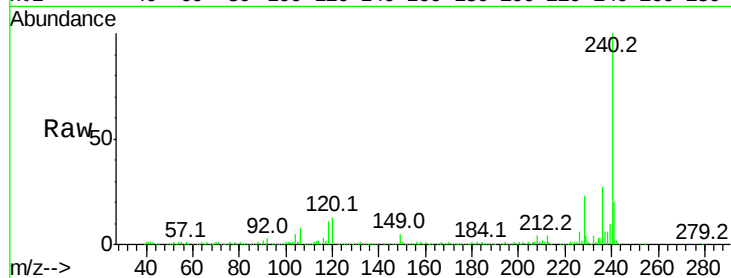
ClientSampled :

PB101706BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.8	20.5	30.7

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#76

Benzidine

Concen: 34.680 ng

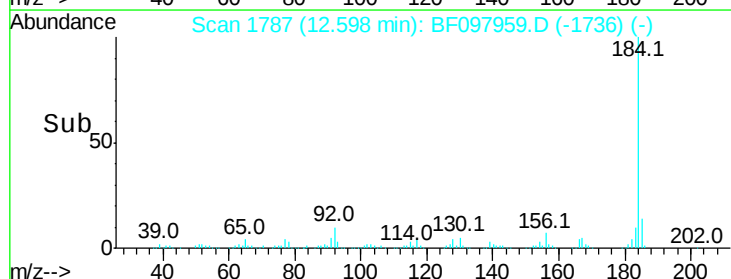
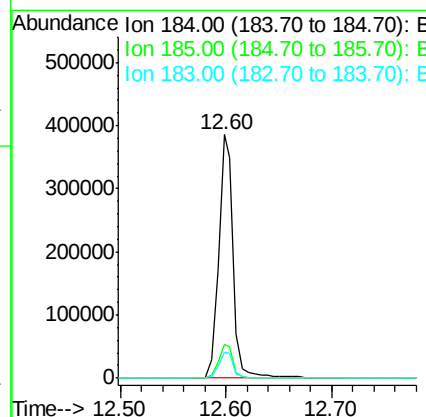
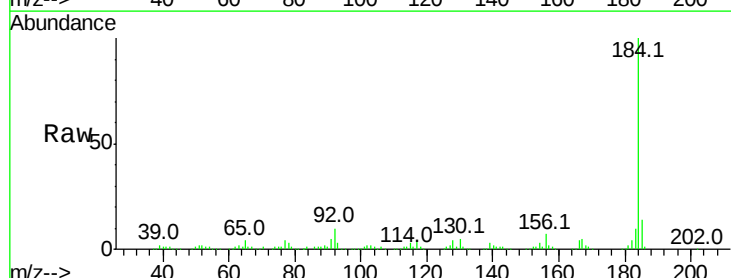
RT: 12.60 min Scan# 1787

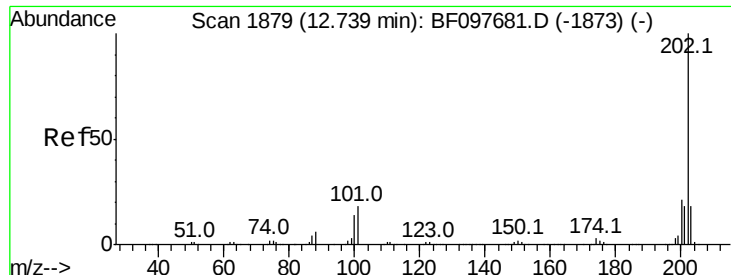
Delta R.T. -0.00 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	10.5	9.8	14.6





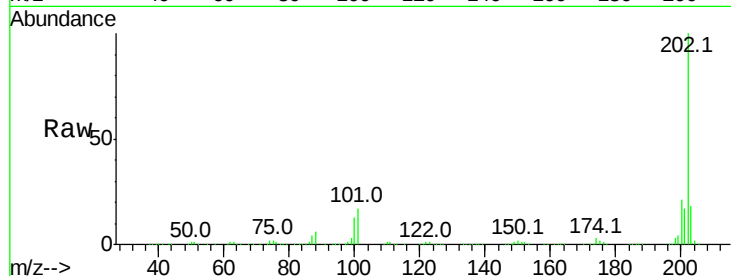
#77
Pvrene
Concen: 36.368 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

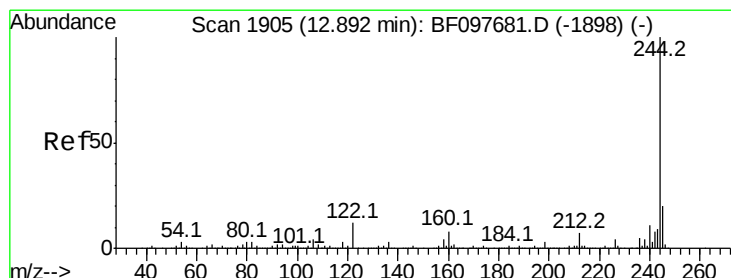
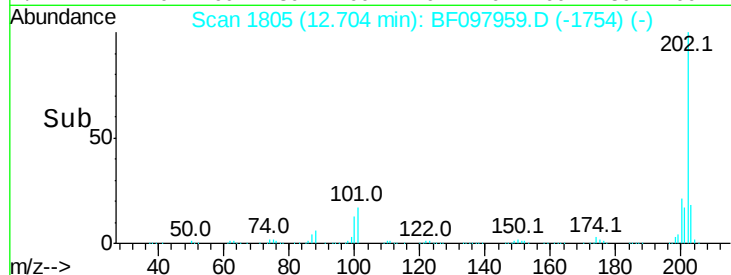
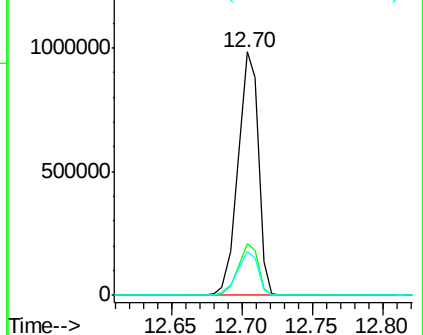
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3		17.6	26.4
203	17.8		14.4	21.6

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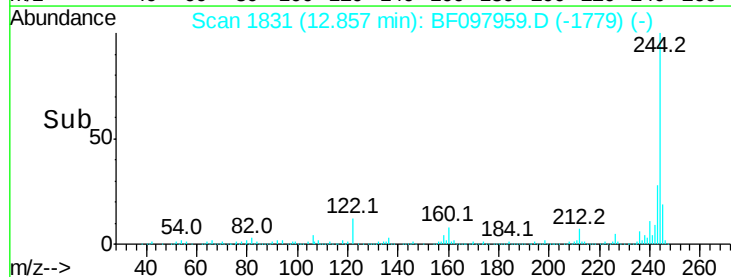
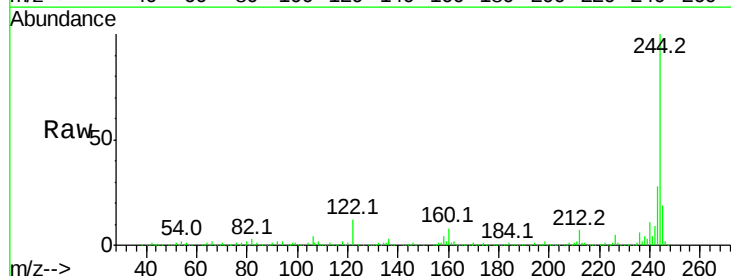
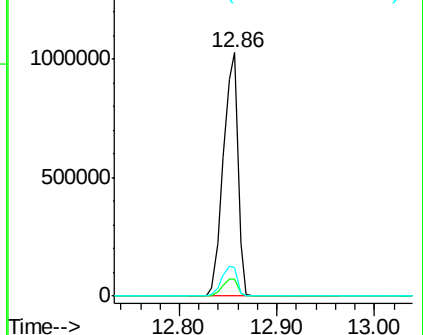
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

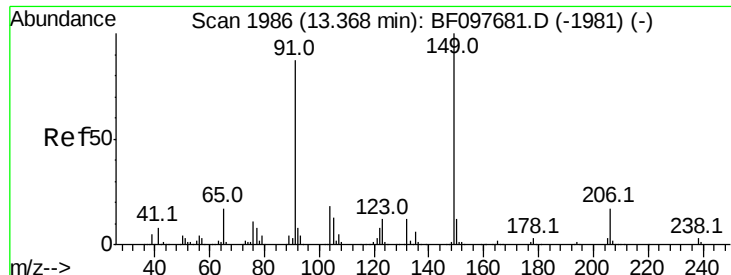


#78
Terphenyl-d14
Concen: 67.488 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.3		6.0	9.0
122	11.6		10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





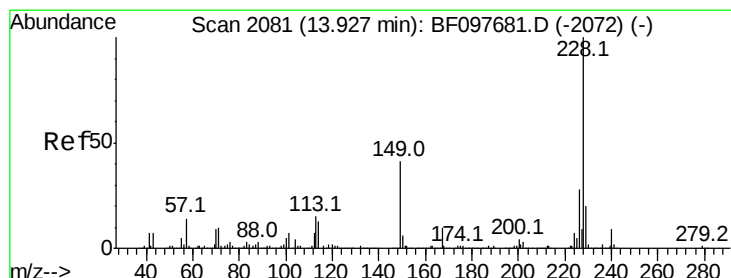
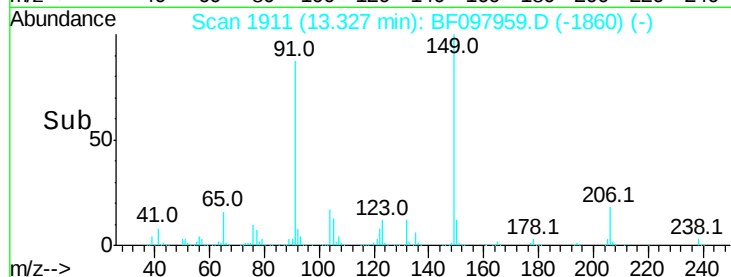
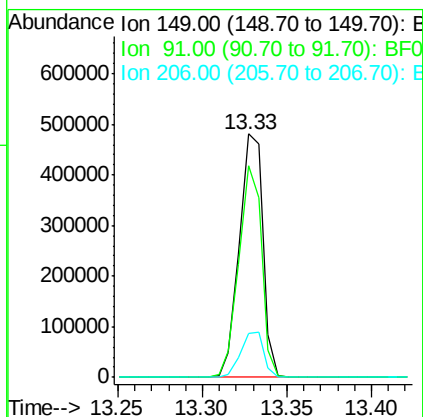
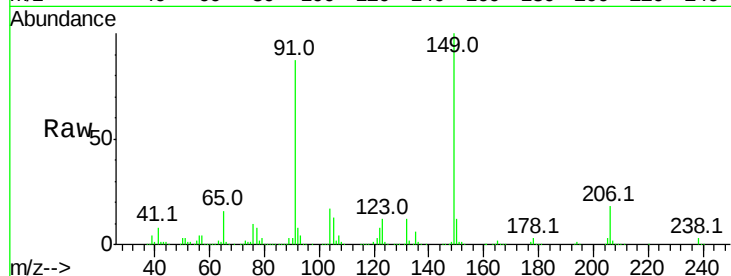
#79
Butylbenzylphthalate
Concen: 45.342 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.00 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	470708		
91	87.1	45.0	67.4#	
206	17.9	17.0	25.6	

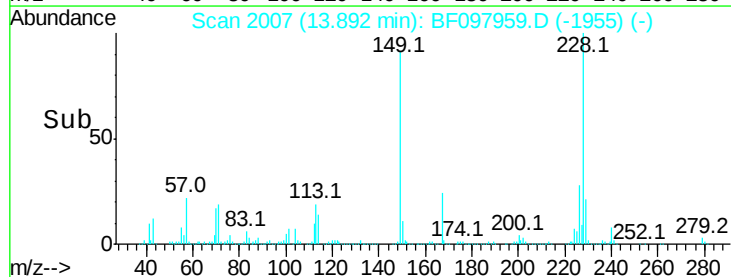
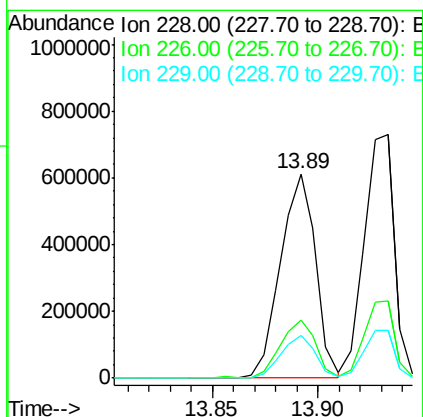
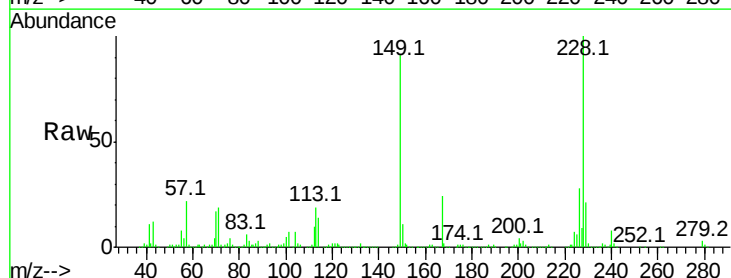
Manual Integrations
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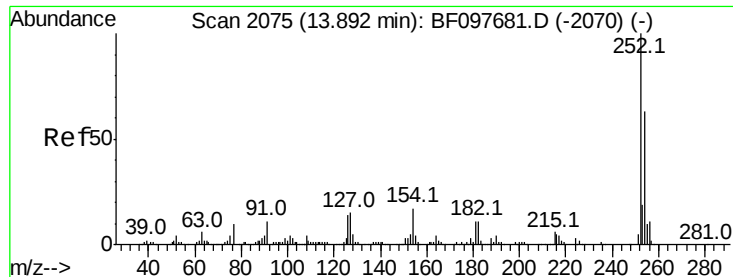
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#80
Benzo(a)anthracene
Concen: 35.609 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	706543		
226	28.5	22.6	33.8	
229	20.6	16.3	24.5	





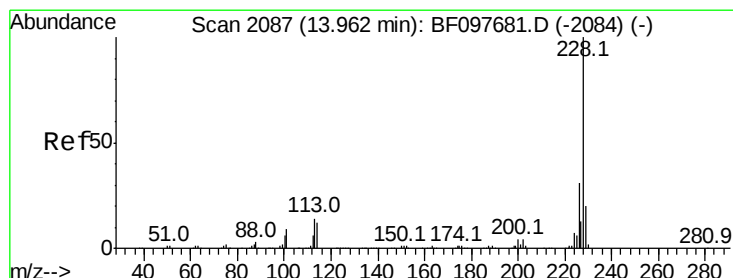
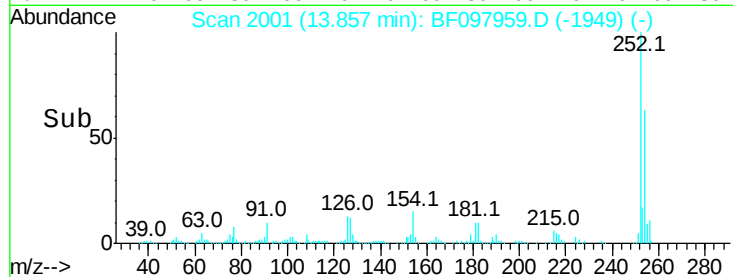
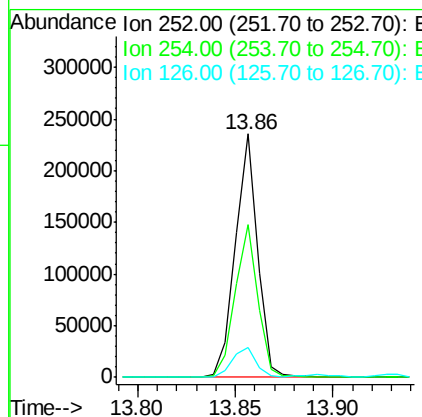
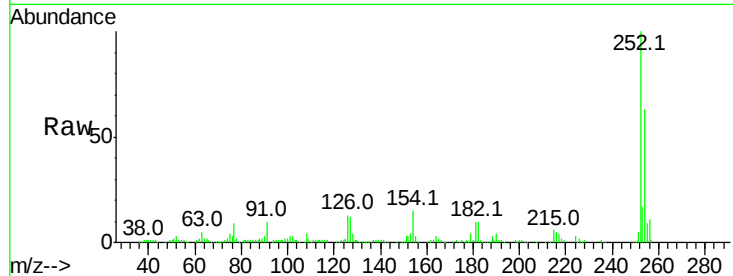
#81
 3,3'-Dichlorobenzidine
 Concen: 28.046 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.7	51.5	77.3
126	12.5	15.8	23.8

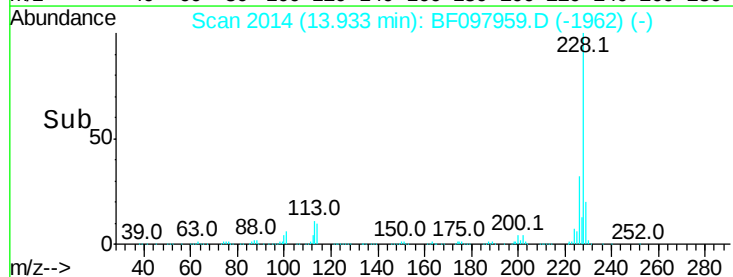
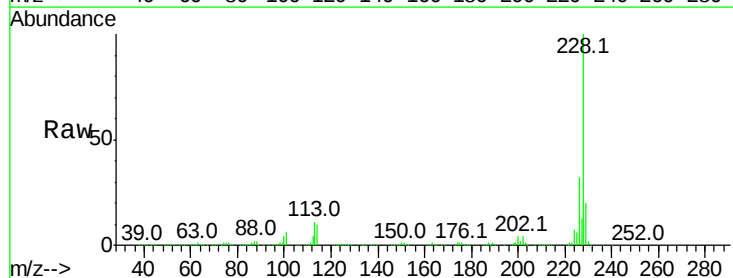
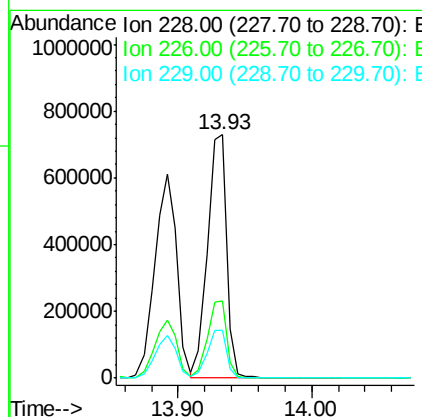
Manual Integrations
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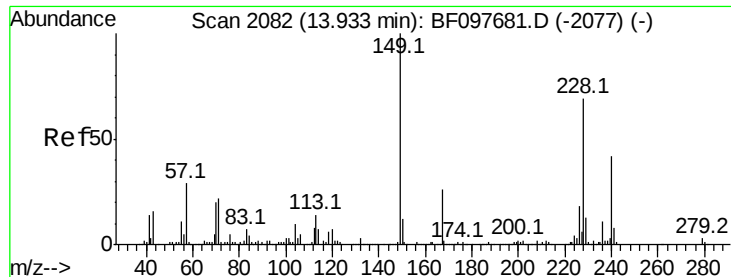
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#82
 Chrysene
 Concen: 37.002 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	32.0	24.9	37.3
229	19.5	15.8	23.6





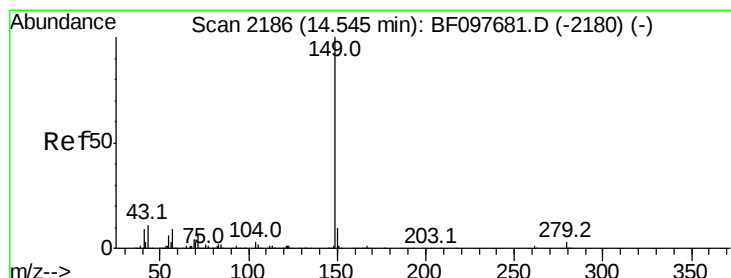
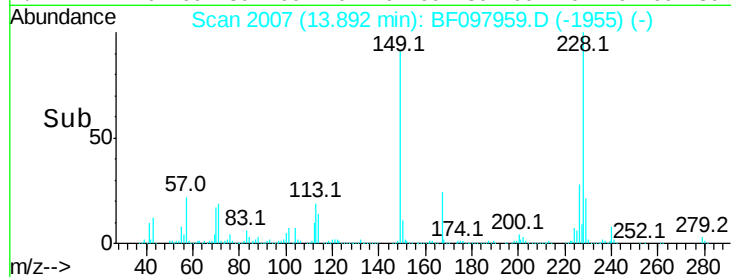
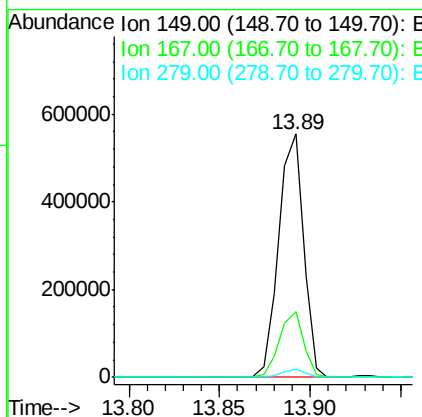
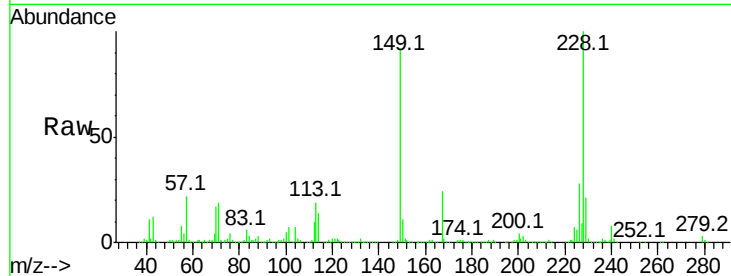
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.315 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.8	21.0	31.4	
279	3.4	1.9	2.9	

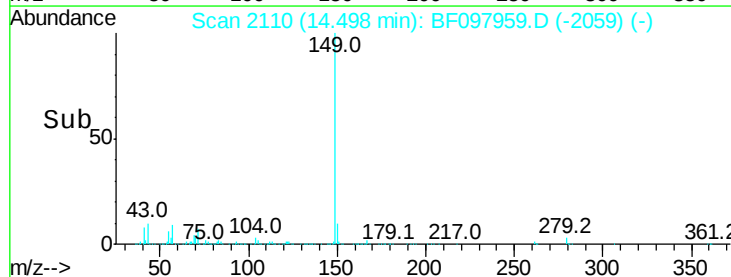
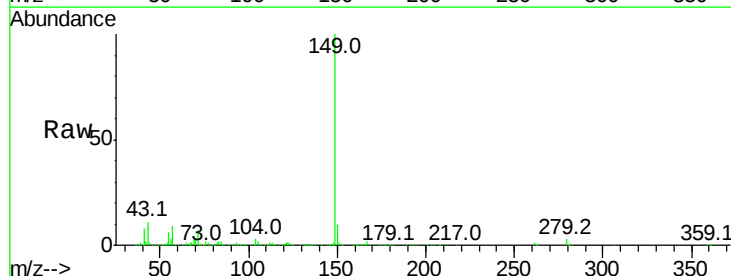
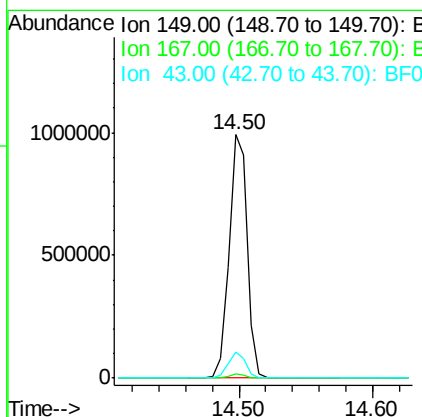
Manual Integrations
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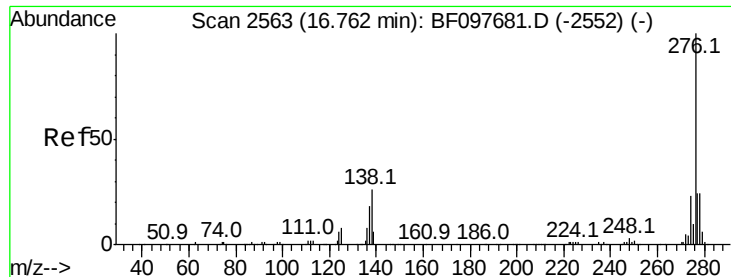
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#84
 Di-n-octyl phthalate
 Concen: 47.324 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BF097959.D
 Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.9	8.5	12.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.977 ng

RT: 16.70 min Scan# 2485

Delta R.T. 0.02 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

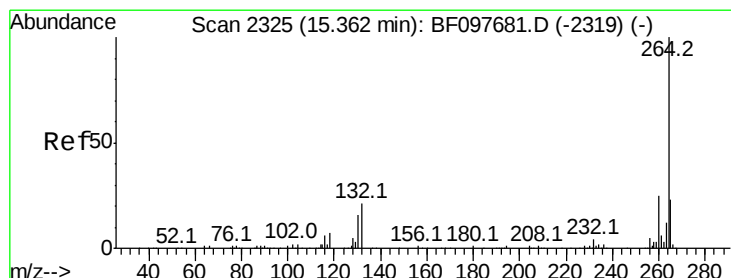
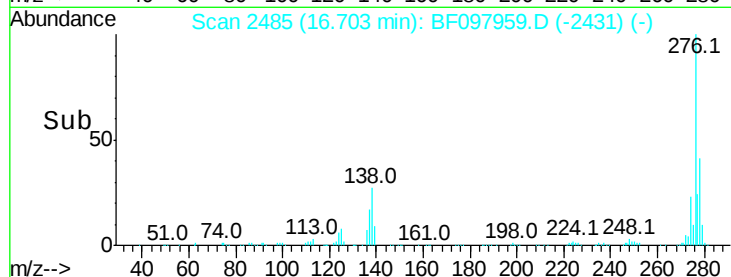
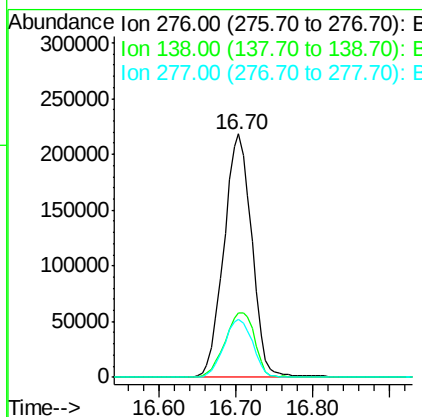
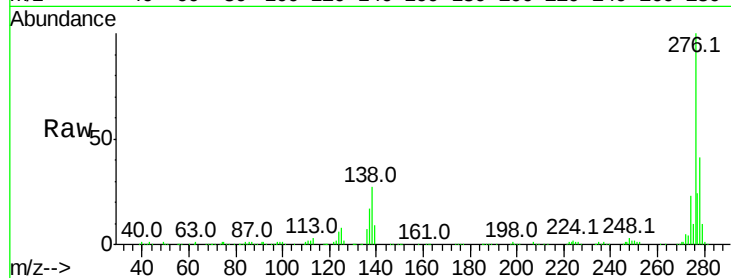
ClientSampleId :

PB101706BS

Tot Ion:	276	Resp:	551422
Ion Ratio	Lower	Upper	
276	100		
138	28.8	27.8	41.6
277	24.6	20.2	30.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

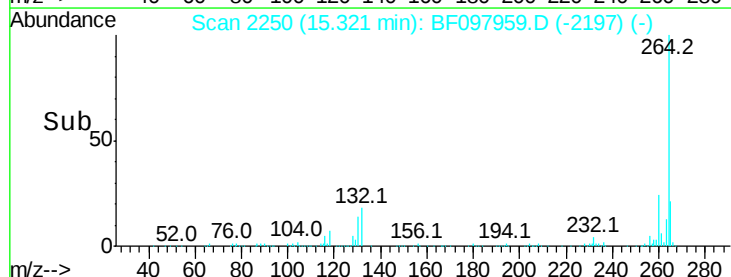
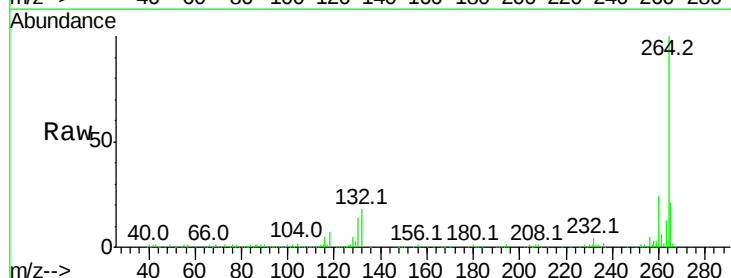
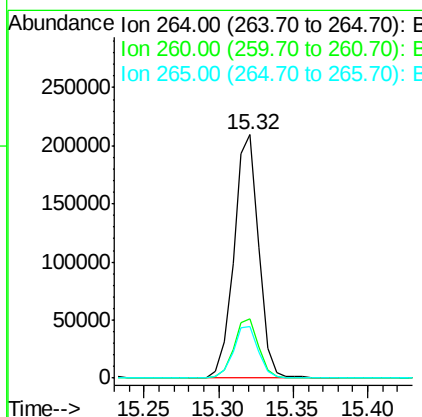
RT: 15.32 min Scan# 2250

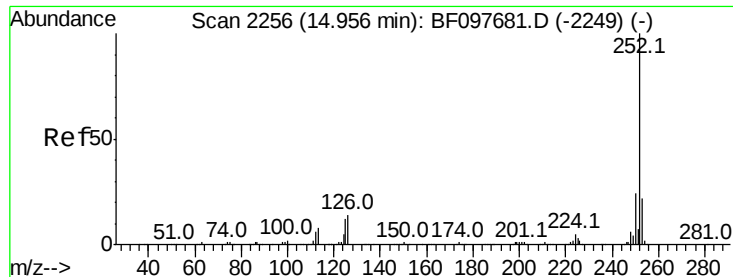
Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Tgt Ion:	264	Resp:	243767
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.3	17.2	25.8





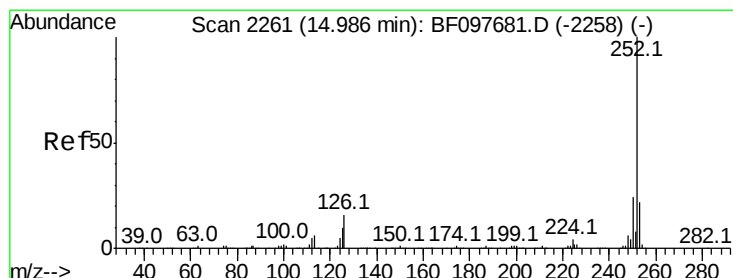
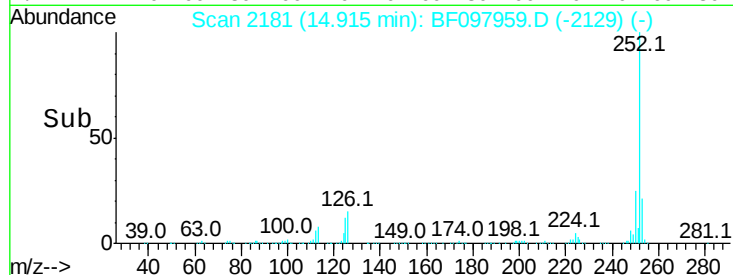
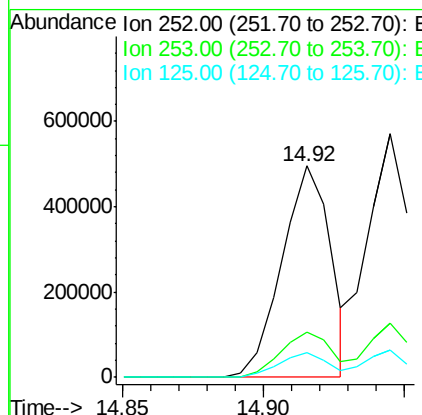
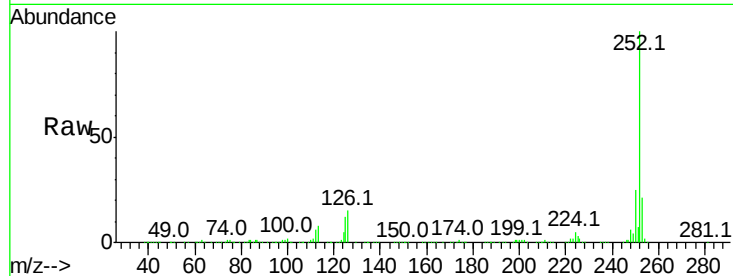
#87
Benzo(b)fluoranthene
Concen: 38.781 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	595879		
253	21.4		18.1	27.1
125	11.7		9.8	14.8

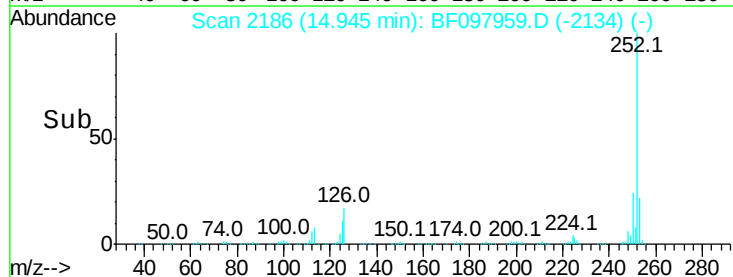
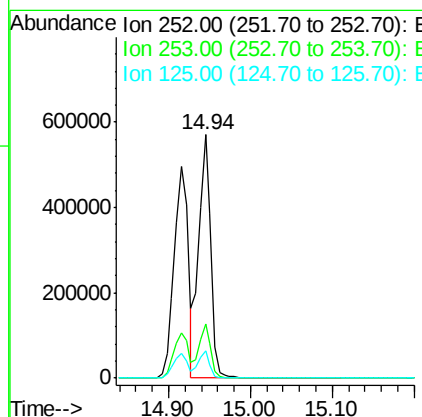
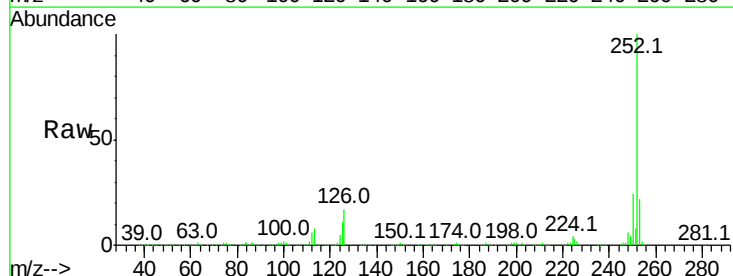
Manual Integrations
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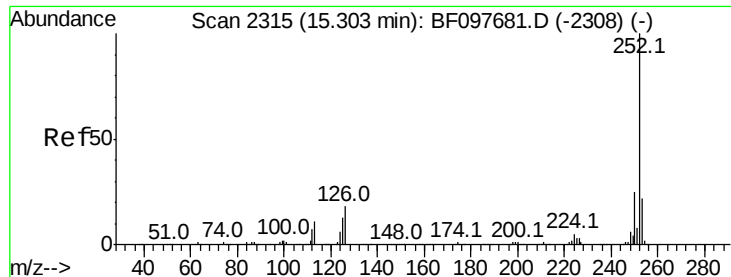
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#88
Benzo(k)fluoranthene
Concen: 40.835 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	589490		
253	22.1		18.4	27.6
125	11.4		13.1	19.7#





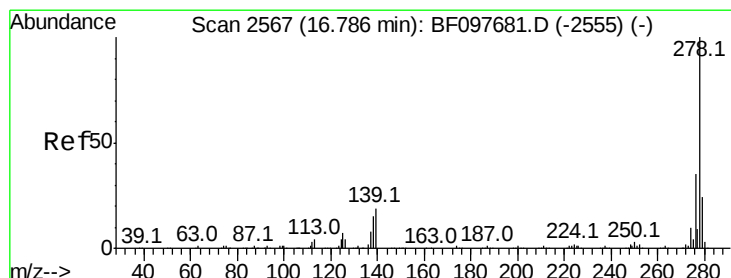
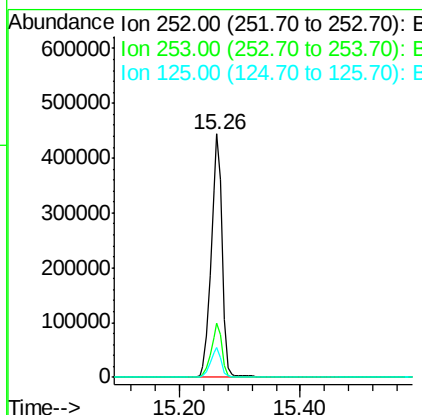
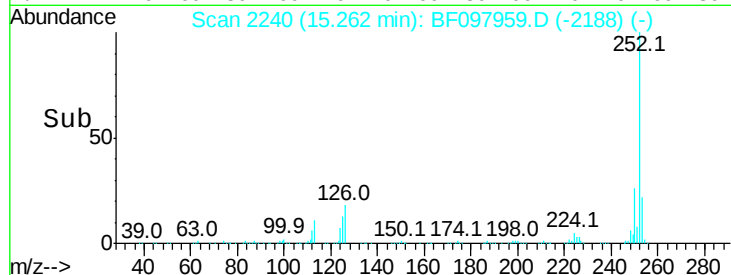
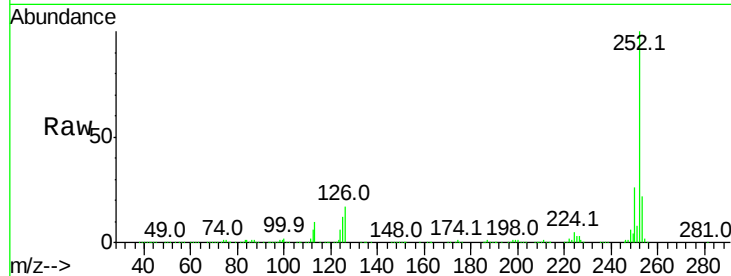
#89
Benzo(a)pyrene
Concen: 41.180 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Instrument :
BNA_F
ClientSampleId :
PB101706BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.3	11.0	16.4

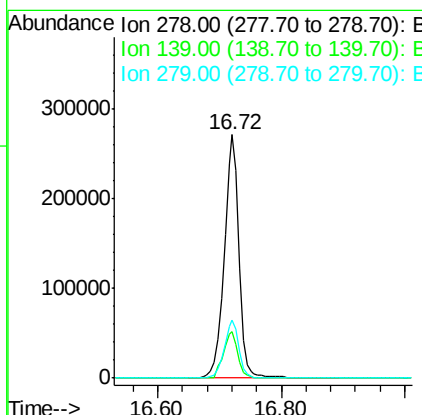
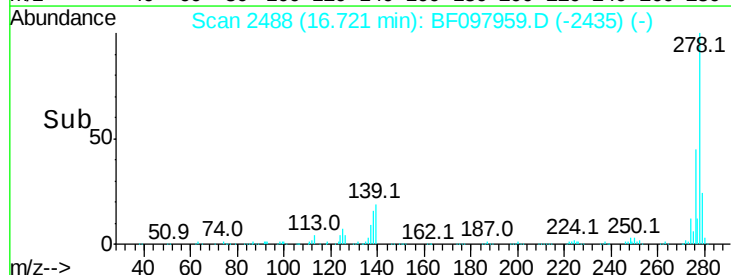
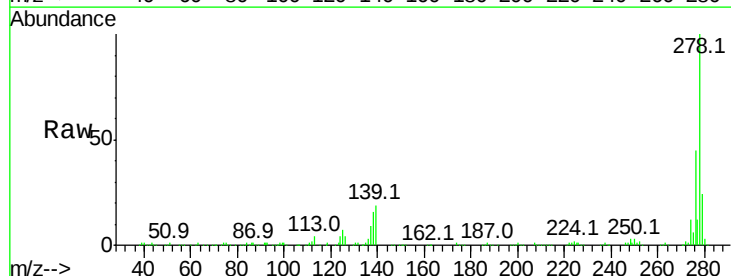
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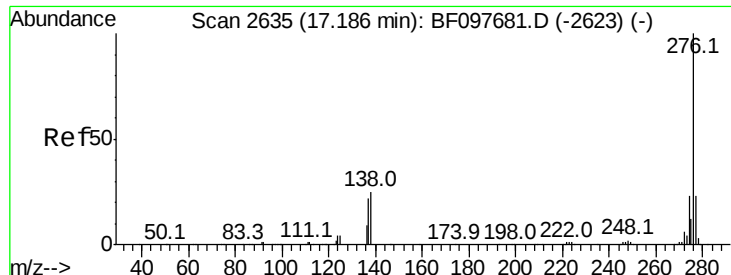
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#90
Dibenzo(a,h)anthracene
Concen: 40.895 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF097959.D
Acq: 22 Aug 2017 17:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.6	24.8
279	23.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.494 ng

RT: 17.12 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BF097959.D

Acq: 22 Aug 2017 17:47

Instrument :

BNA_F

ClientSampleId :

PB101706BS

Tot Ion:	276	Resp:	467906
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	26.2	25.4	38.0

Manual Integrations
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