

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097976.D
 Acq On : 23 Aug 2017 1:49
 Operator : SJ/JU
 Sample : I4910-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:03:56 PM

Quant Time: Aug 23 02:28:26 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	139611	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	534471	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215942	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	340108	20.00	ng	0.00
75) Chrysene-d12	13.90	240	264329	20.00	ng	0.00
86) Perylene-d12	15.33	264	234828	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1085904	118.31	ng	0.02
7) Phenol-d6	6.40	99	1467858	117.70	ng	0.01
23) Nitrobenzene-d5	7.32	82	937601	95.30	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	202201	107.92	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1223178	83.22	ng	0.00
78) Terphenyl-d14	12.85	244	750934	59.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	156959	30.664	ng	92
3) Pyridine	3.21	79	438466	30.985	ng	88
4) n-Nitrosodimethylamine	3.15	42	195090	35.830	ng	81
6) Aniline	6.42	93	429533	24.518	ng	# 59
8) 2-Chlorophenol	6.54	128	360845	37.279	ng	96
9) Benzaldehyde	6.30	77	241592	30.585	ng	88
10) Phenol	6.41	94	533832	36.601	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	420348	38.184	ng	96
12) 1,3-Dichlorobenzene	6.69	146	365606	35.114	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	374127	35.330	ng	# 93
14) 1,2-Dichlorobenzene	6.92	146	344800	35.313	ng	99
15) Benzyl Alcohol	6.90	79	361314	38.698	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	549928	37.128	ng	91
17) 2-Methylphenol	7.02	107	328511	38.512	ng	95
18) Hexachloroethane	7.26	117	138102	33.264	ng	# 81
19) n-Nitroso-di-n-propylamine	7.17	70	300910	35.248	ng	90
20) 3+4-Methylphenols	7.17	107	376460	36.133	ng	97
22) Acetophenone	7.16	105	534613	37.864	ng	# 90
24) Nitrobenzene	7.34	77	466212	42.559	ng	94
25) Isophorone	7.57	82	840186	41.069	ng	96
26) 2-Nitrophenol	7.65	139	132087	34.894	ng	# 77
27) 2,4-Dimethylphenol	7.70	122	332798	39.006	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	541461	40.258	ng	98
29) 2,4-Dichlorophenol	7.90	162	268339	37.888	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	297758	37.925	ng	98
31) Naphthalene	8.06	128	1241817	44.755	ng	99
32) Benzoic acid	7.80	122	137098	25.516	ng	88
33) 4-Chloroaniline	8.10	127	201856	17.250	ng	100
34) Hexachlorobutadiene	8.17	225	173614	37.873	ng	99
35) Caprolactam	8.48	113	86925m	36.102	ng	
36) 4-Chloro-3-methylphenol	8.59	107	312604	34.354	ng	# 79
37) 2-Methylnaphthalene	8.75	142	710246	41.751	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	272593	41.133	ng	98
40) Hexachlorocyclopentadiene	8.90	237	92152	28.944	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	164327	36.933	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	161870	36.672	nq	95
45) 1,1'-Biphenyl	9.22	154	790155	40.126	nq	97
46) 2-Chloronaphthalene	9.23	162	566267	38.919	nq #	91
47) 2-Nitroaniline	9.33	65	222731	45.663	nq	95
48) Acenaphthylene	9.65	152	920769	40.299	nq	99
49) Dimethylphthalate	9.52	163	882732	55.923	nq	100
50) 2,6-Dinitrotoluene	9.57	165	133808	42.468	nq #	49
51) Acenaphthene	9.82	154	557324	38.676	nq	99
52) 3-Nitroaniline	9.75	138	137088	33.723	nq	92
53) 2,4-Dinitrophenol	9.85	184	7845	14.713	nq #	76
54) Dibenzofuran	9.99	168	818794	42.396	nq	99
55) 4-Nitrophenol	9.91	139	171490	52.883	nq #	42
56) 2,4-Dinitrotoluene	9.98	165	158201	40.009	nq #	61
57) Fluorene	10.34	166	599584	40.155	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	122439	35.827	nq	94
59) Diethylphthalate	10.22	149	706151	42.780	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	272261	39.249	nq	89
61) 4-Nitroaniline	10.36	138	144288	37.345	nq	76
62) Azobenzene	10.49	77	788073	40.192	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7401	12.138	nq	98
65) n-Nitrosodiphenylamine	10.45	169	518427	44.763	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	160489	45.441	nq	97
67) Hexachlorobenzene	10.88	284	145190	40.332	nq #	82
68) Atrazine	10.97	200	137379	44.728	nq	98
69) Pentachlorophenol	11.07	266	124206	59.176	nq	97
70) Phenanthrene	11.29	178	887006	48.943	nq	99
71) Anthracene	11.34	178	802626	43.664	nq	99
72) Carbazole	11.50	167	683348	39.164	nq	97
73) Di-n-butylphthalate	11.83	149	971267	48.326	nq	99
74) Fluoranthene	12.48	202	913316	48.281	nq	100
76) Benzidine	12.60	184	322440	37.204	nq #	92
77) Pyrene	12.71	202	970300	44.882	nq	99
79) Butylbenzylphthalate	13.33	149	354822	42.807	nq #	77
80) Benzo(a)anthracene	13.90	228	721954	45.571	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	191914	35.900	nq #	97
82) Chrysene	13.93	228	731599	46.423	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	447134	48.681	nq #	100
84) Di-n-octyl phthalate	14.50	149	885869	55.431	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	541386	46.698	nq	94
87) Benzo(b)fluoranthene	14.92	252	825693	55.783	nq	99
88) Benzo(k)fluoranthene	14.95	252	587175m	42.223	nq	
89) Benzo(a)pyrene	15.27	252	682202	52.061	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	423753m	39.722	nq	
91) Benzo(g,h,i)perylene	17.13	276	450259	40.450	nq #	93

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

```

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Misc      :
ALS Vial  : 20    Sample Multiplier: 1

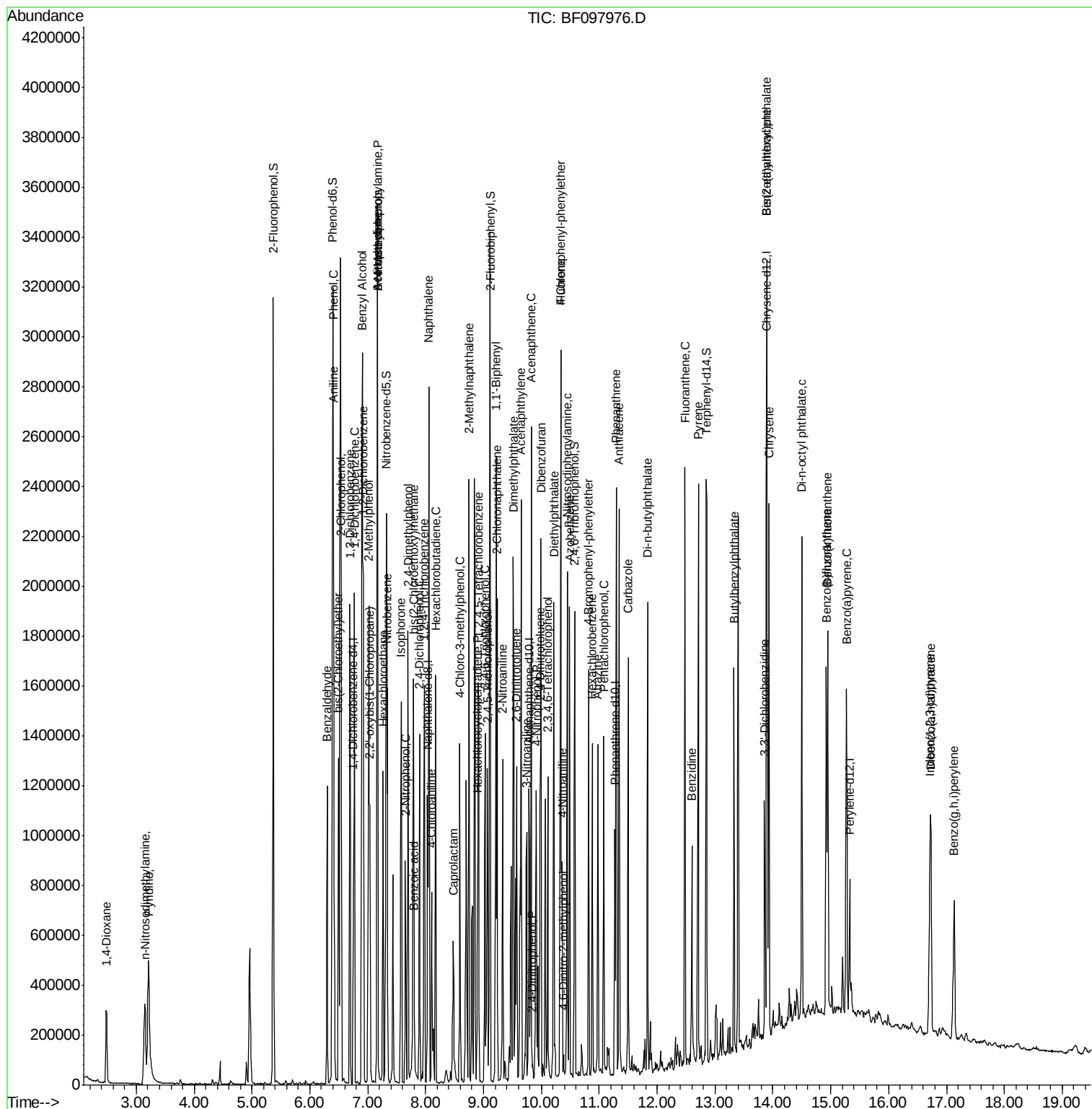
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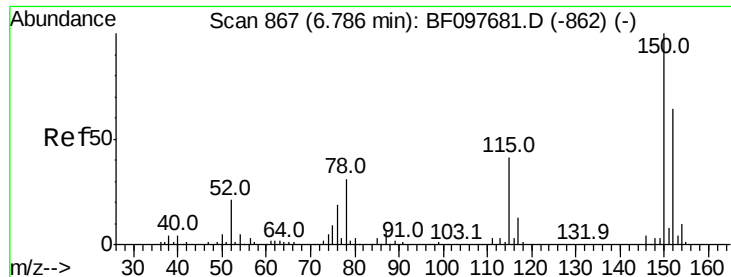
Instrument :
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#1

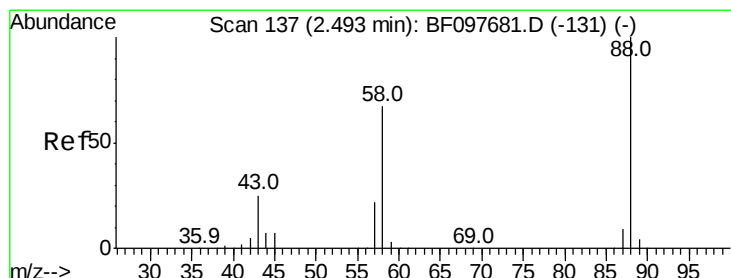
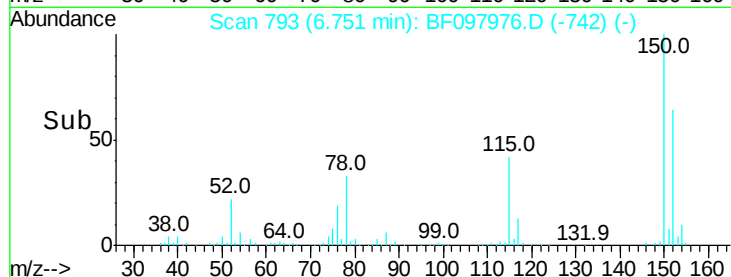
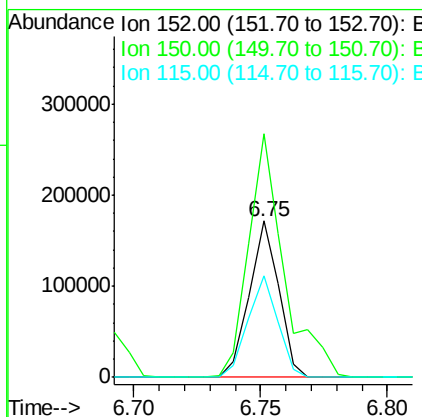
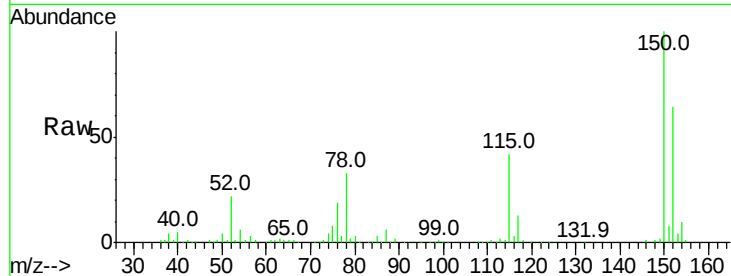
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	64.8	52.2	78.2

Manual Integrations
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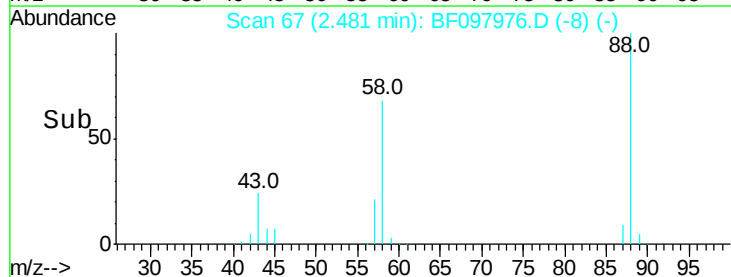
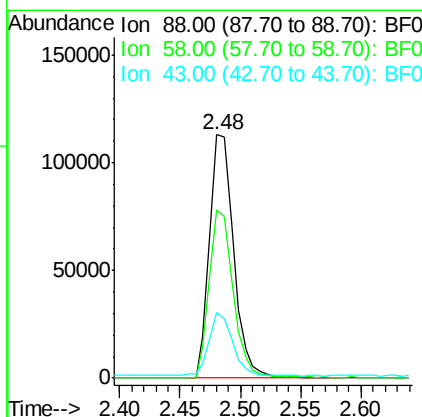
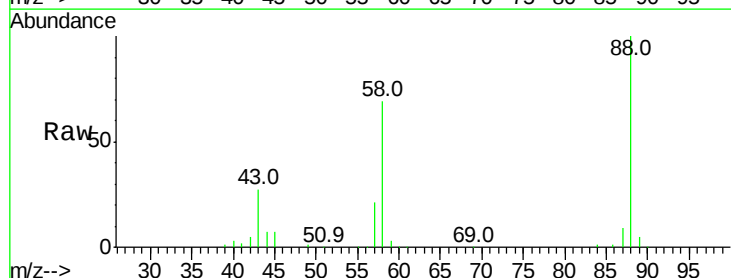
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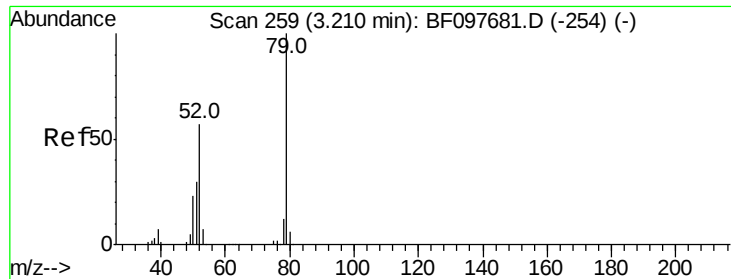


#2

1,4-Dioxane
Concen: 30.664 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	61.4	92.0
43	26.2	23.4	35.0





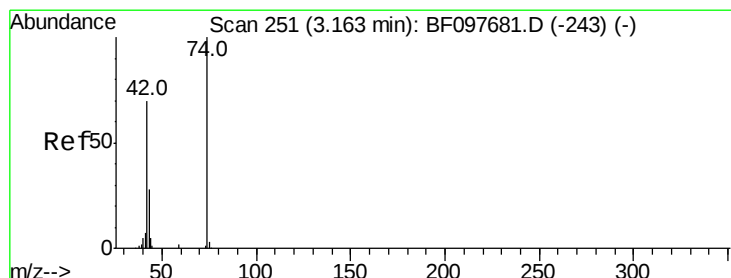
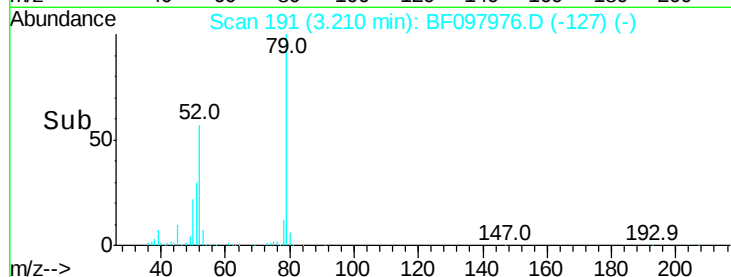
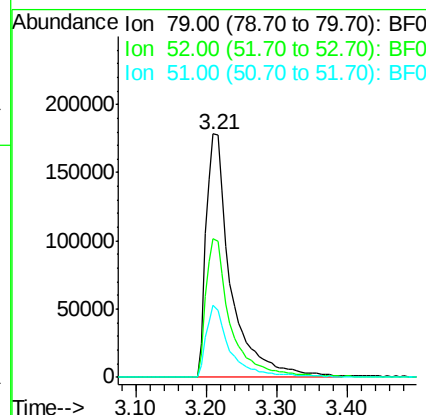
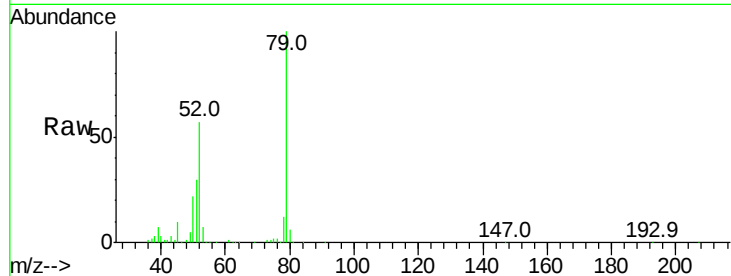
#3
 Pvrindine
 Concen: 30.985 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.08 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	56.8	54.8	82.2
51	29.8	27.0	40.4

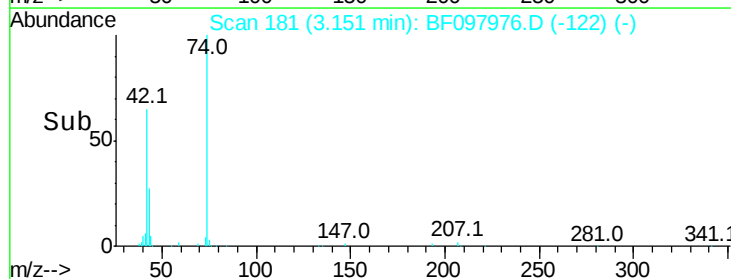
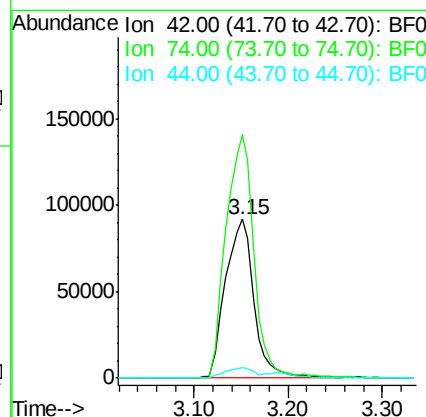
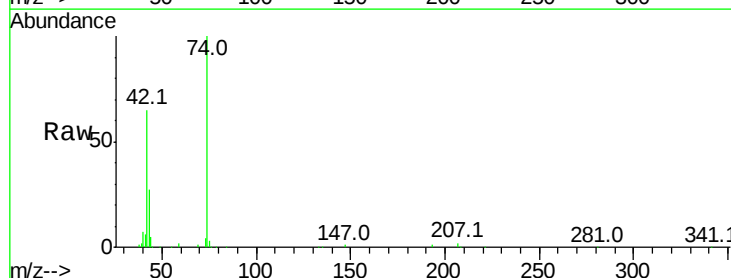
Manual Integrations
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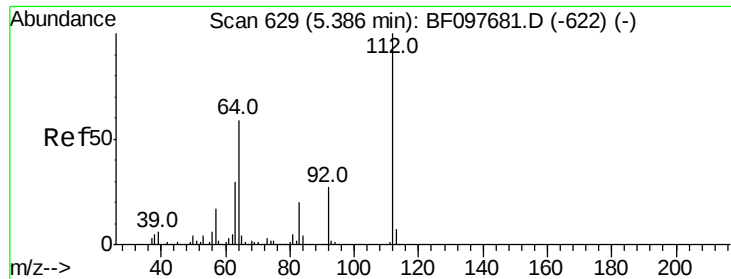
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#4
 n-Nitrosodimethylamine
 Concen: 35.830 ng
 RT: 3.15 min Scan# 181
 Delta R.T. 0.05 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.2	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 118.310 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:112 Resp: 1085904

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

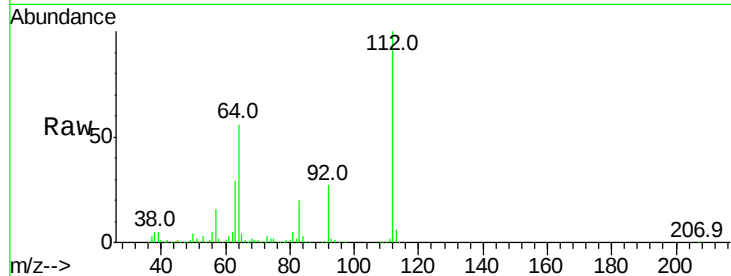
63 29.2 23.4 35.0

Manual Integrations

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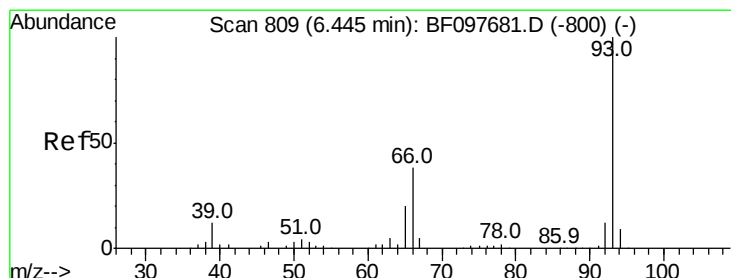
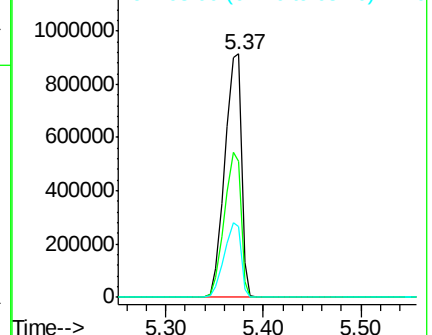
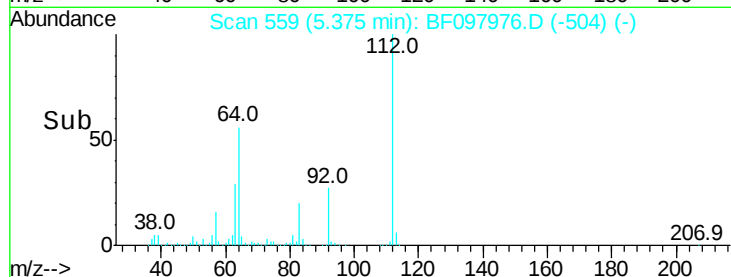
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.518 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

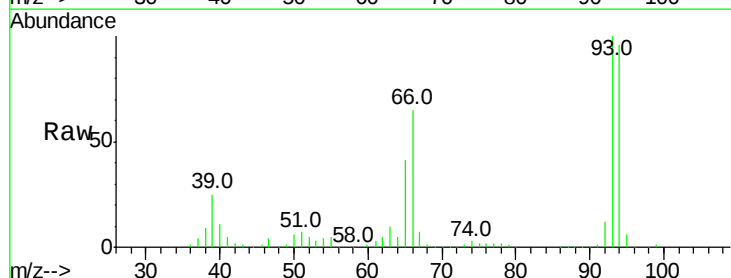
Tgt Ion: 93 Resp: 429533

Ion Ratio Lower Upper

93 100

66 65.1 32.9 49.3#

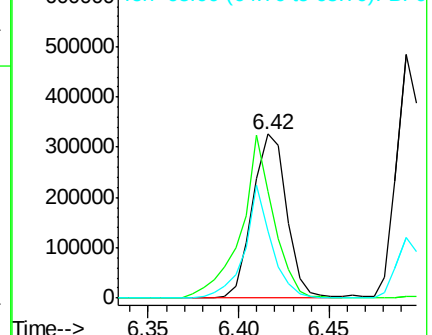
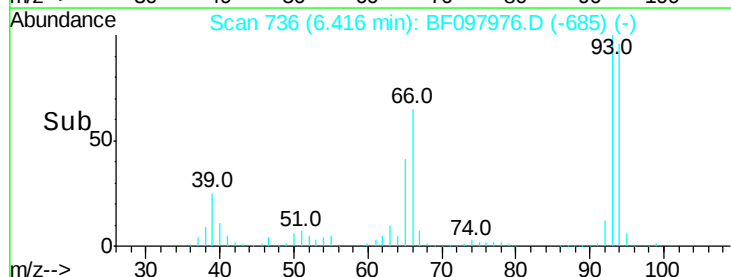
65 41.2 16.0 24.0#

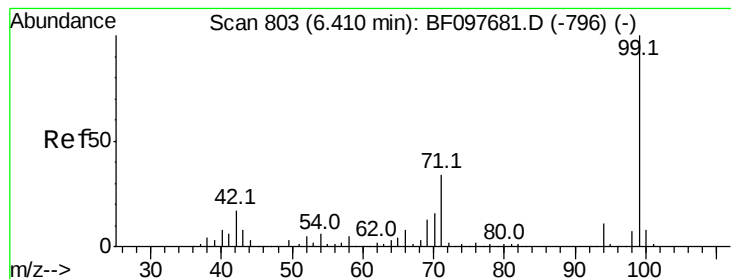


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.703 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampled :

SP-5-6MSD

Tot Ion: 99 Resp: 1467858

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

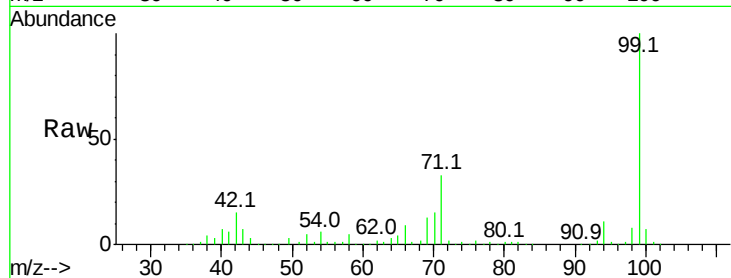
71 32.9 24.5 36.7

Manual Integrations

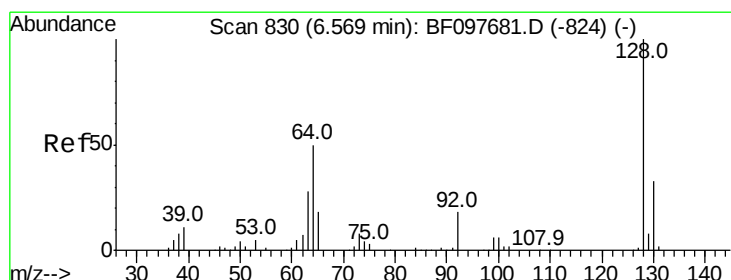
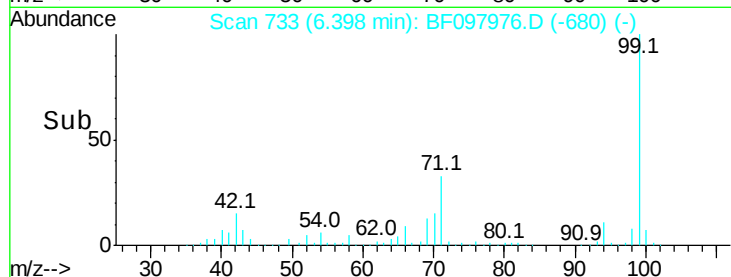
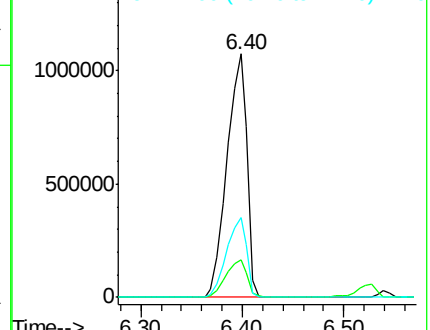
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.279 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

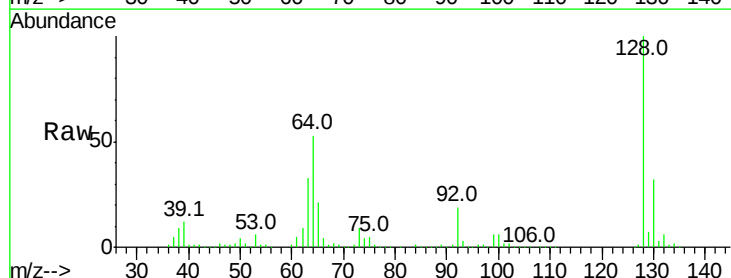
Tgt Ion:128 Resp: 360845

Ion Ratio Lower Upper

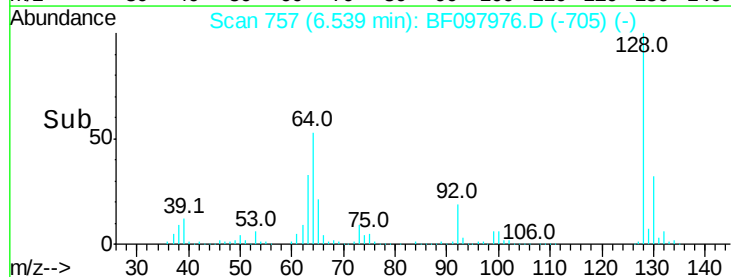
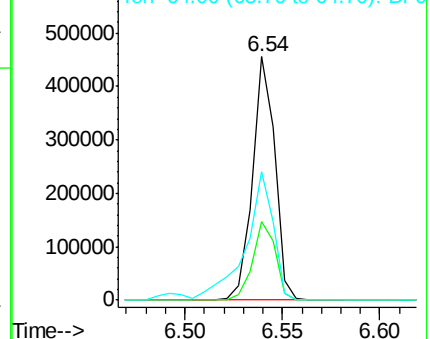
128 100

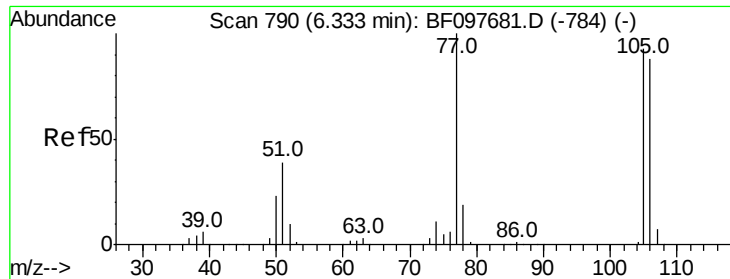
130 32.3 12.9 52.9

64 52.6 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.585 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion: 77 Resp: 241592
Ion Ratio Lower Upper

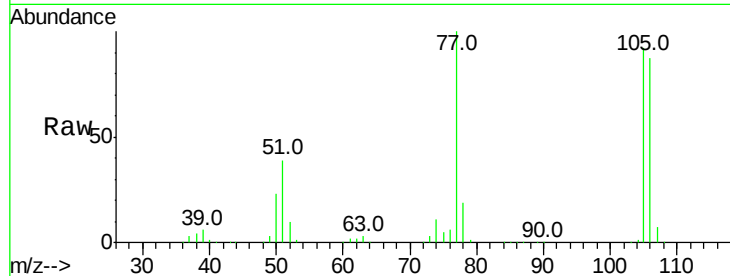
77 100

105 92.0 83.8 123.8

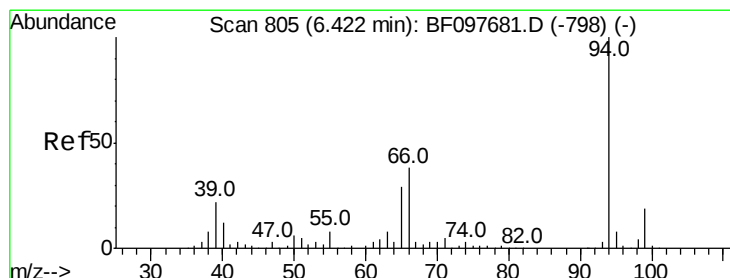
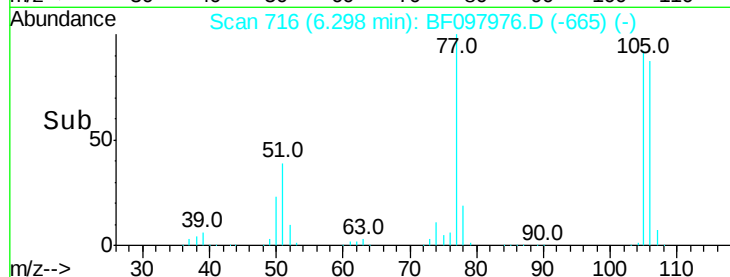
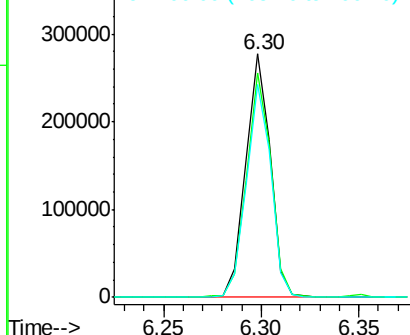
106 87.2 79.1 119.1

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Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.601 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097976.D

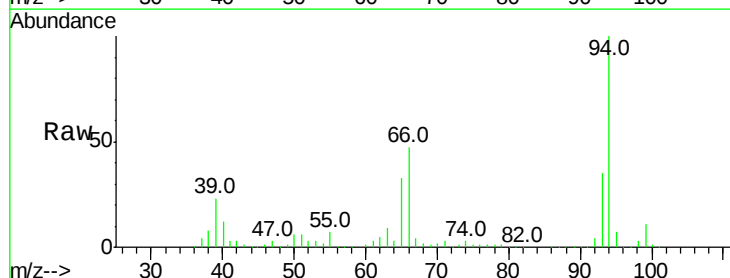
Acq: 23 Aug 2017 1:49

Tgt Ion: 94 Resp: 533832
Ion Ratio Lower Upper

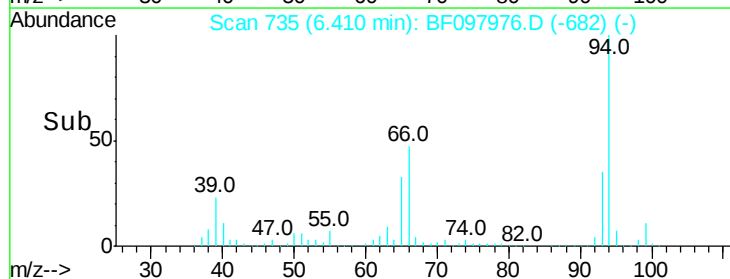
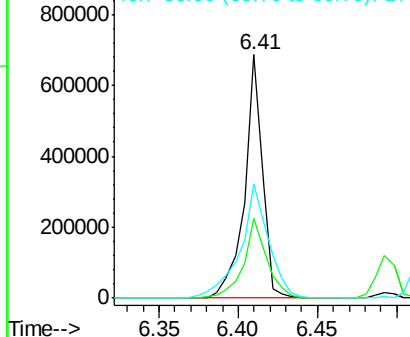
94 100

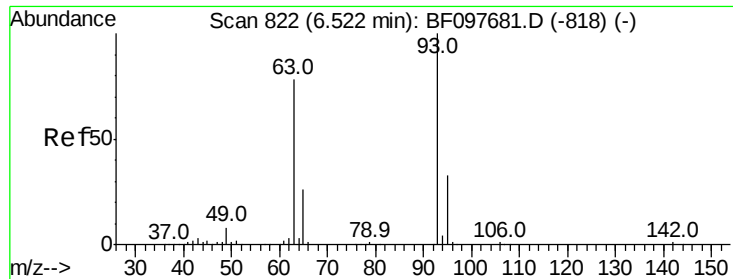
65 32.8 9.9 49.9

66 47.2 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.184 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

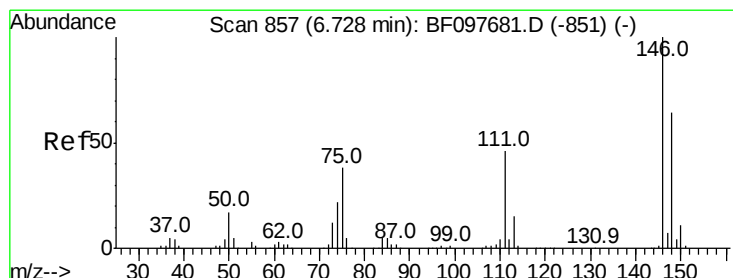
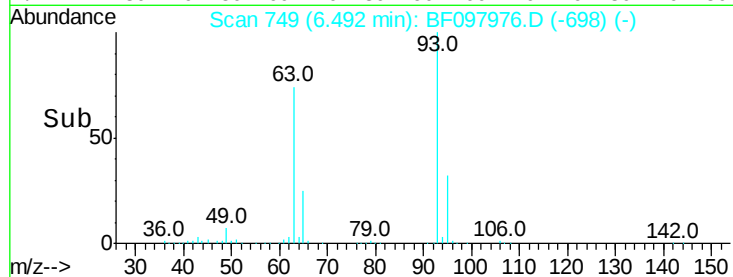
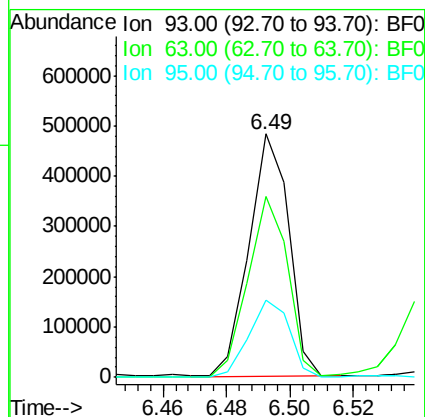
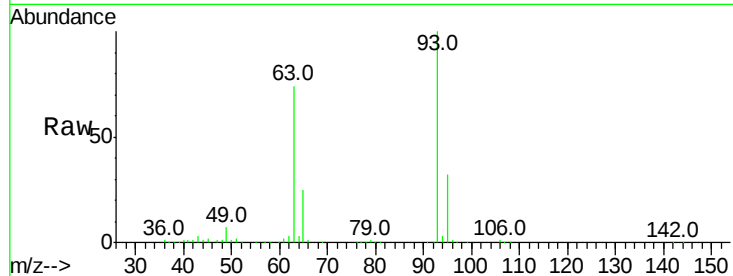
ClientSampleId :

SP-5-6MSD

Tot Ion:	93	Resp:	420348
Ion Ratio	Lower	Upper	
93	100		
63	74.2	59.2	99.2
95	31.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 35.114 ng

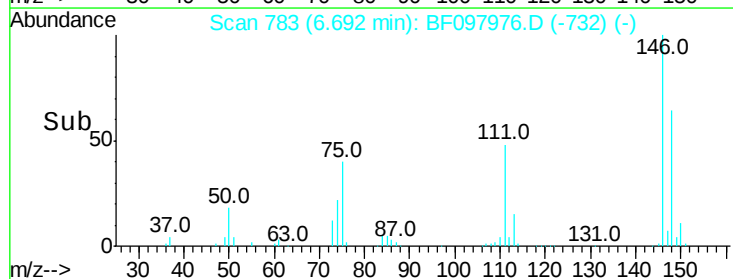
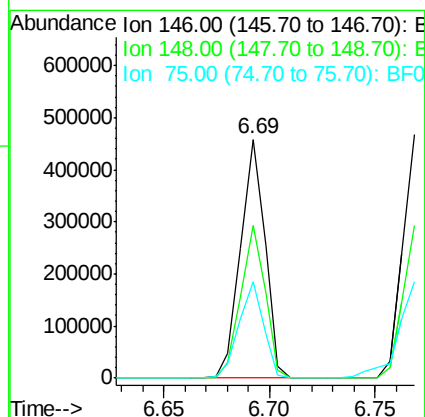
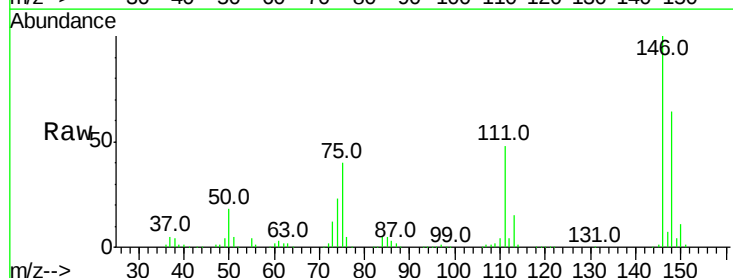
RT: 6.69 min Scan# 783

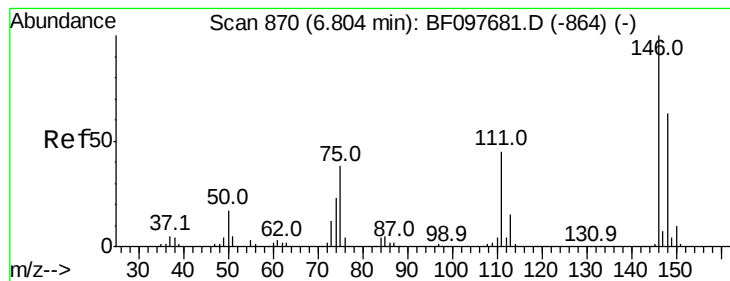
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	146	Resp:	365606
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	40.2	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 35.330 ng

RT: 6.77 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

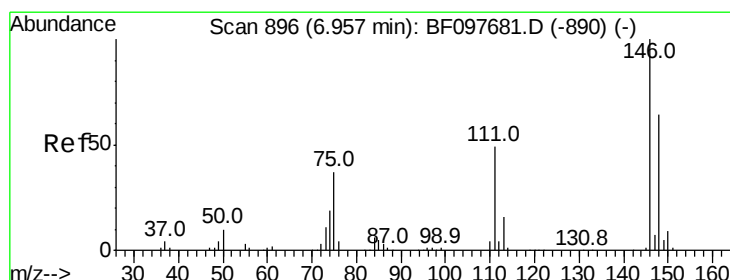
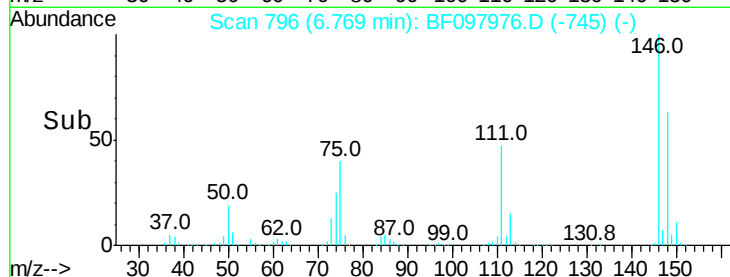
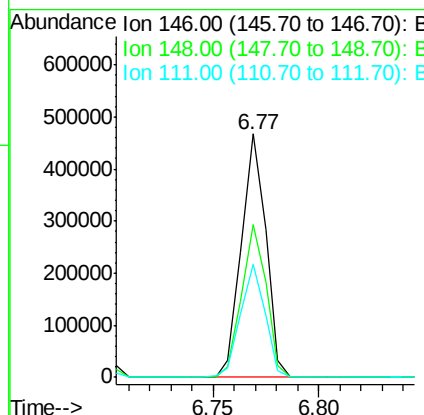
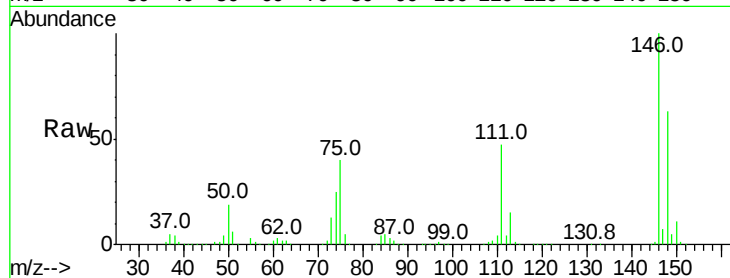
ClientSampleId :

SP-5-6MSD

Tot Ion:	146	Resp:	374127
Ion Ratio	Lower	Upper	
146	100		
148	62.6	52.2	78.2
111	46.7	30.3	45.5#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.313 ng

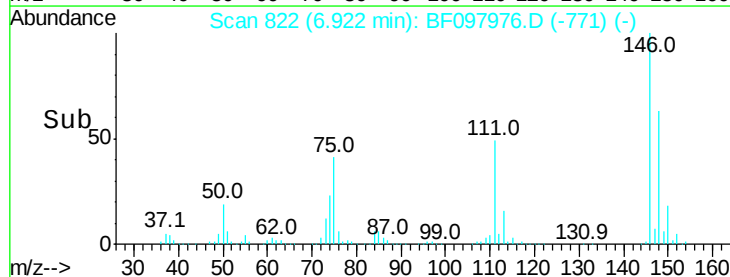
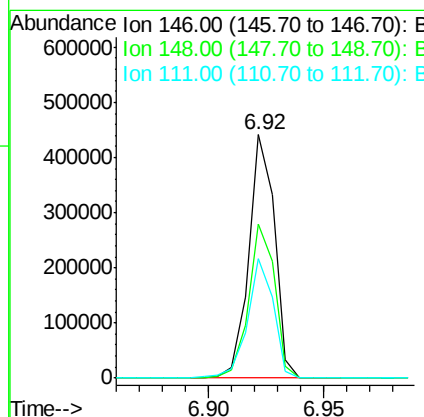
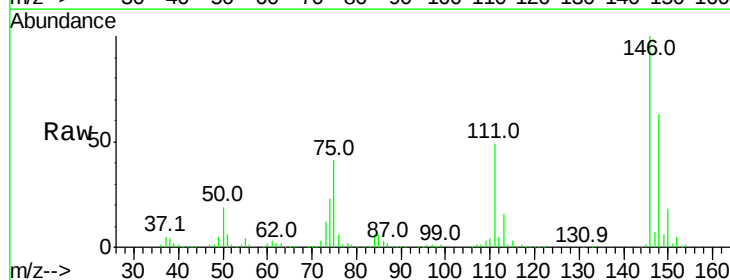
RT: 6.92 min Scan# 822

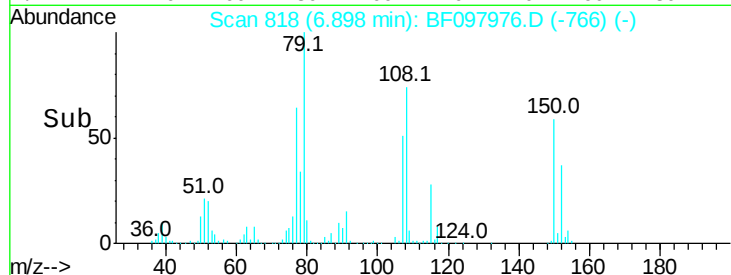
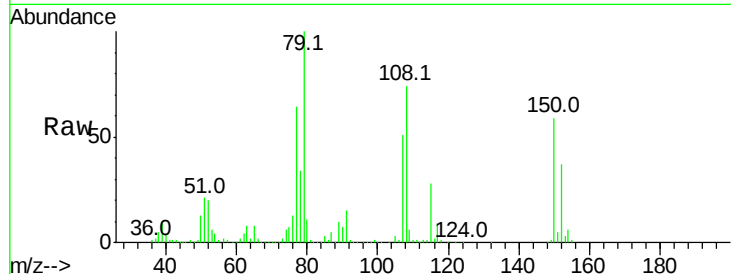
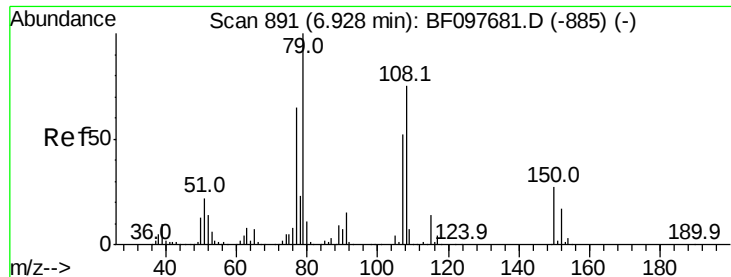
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	146	Resp:	344800
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.4	75.6
111	49.2	38.2	57.4





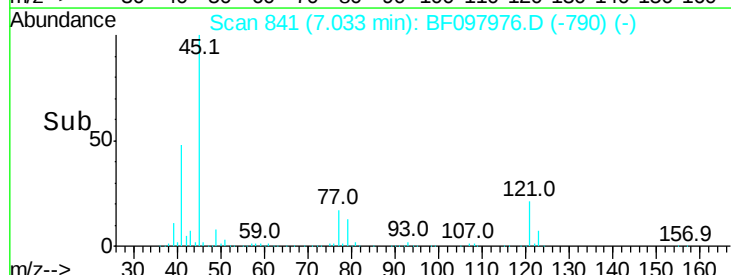
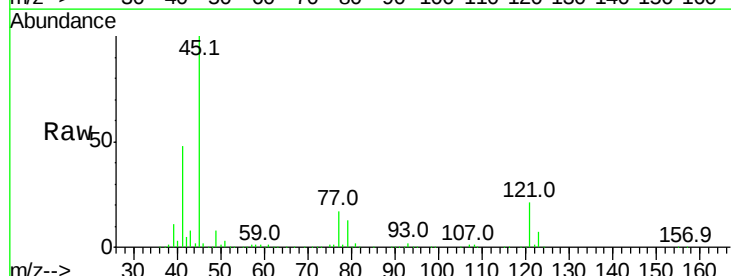
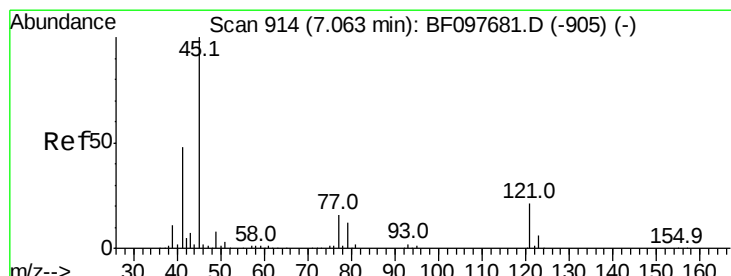
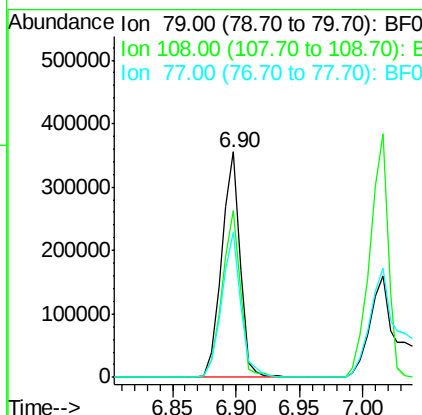
#15
Benzyl Alcohol
Concen: 38.698 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.1	63.4	95.0	
77	64.2	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

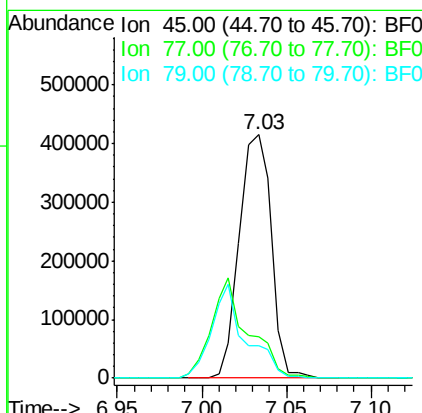
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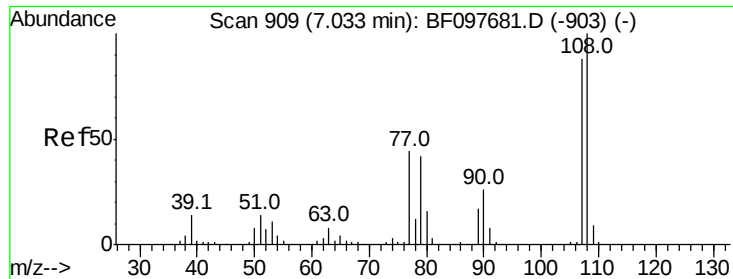
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.128 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	16.7	0.0	33.2	
79	13.4	0.0	30.0	





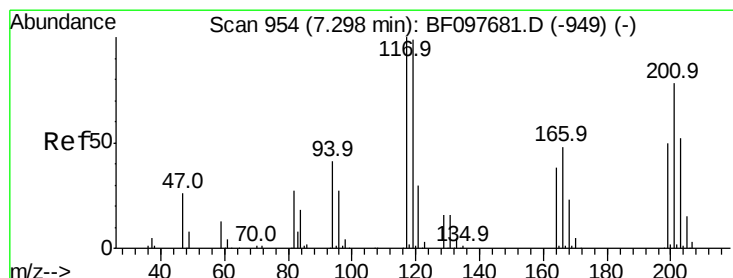
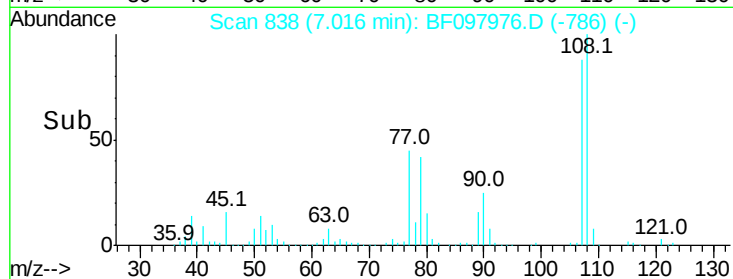
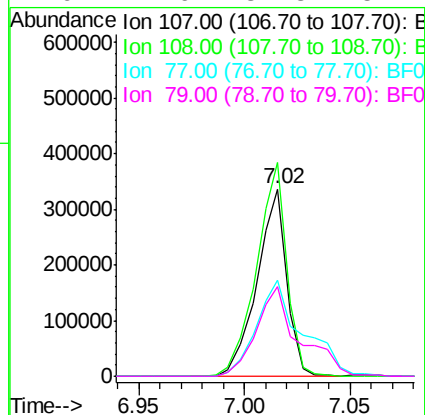
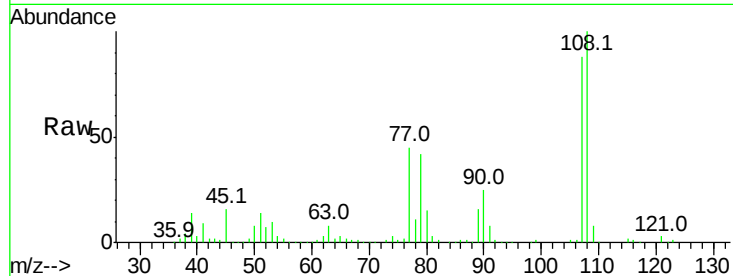
#17
2-Methylphenol
Concen: 38.512 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	328511		
108	108	114.3	93.4	140.0	
77	77	51.1	35.8	53.6	
79	79	47.6	34.8	52.2	

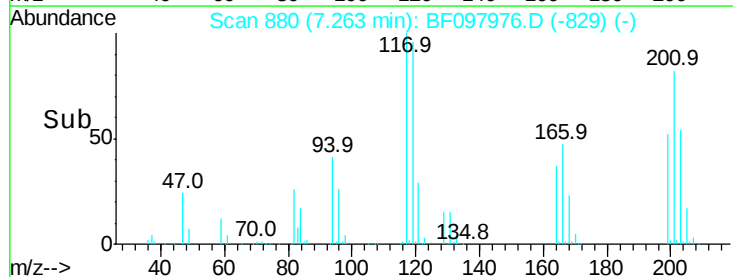
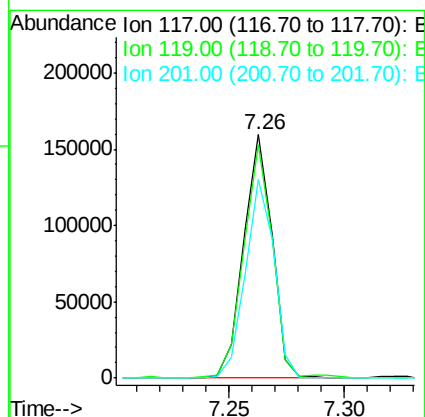
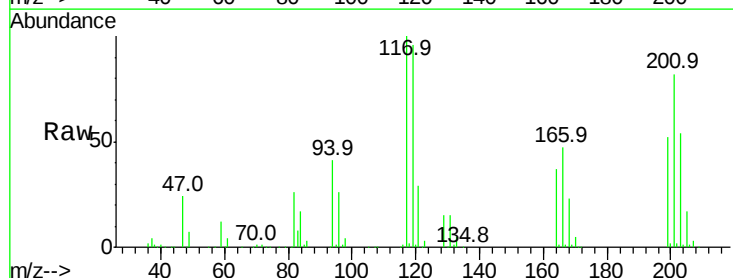
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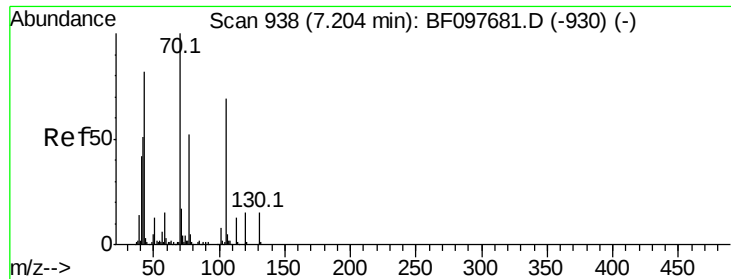
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#18
Hexachloroethane
Concen: 33.264 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	138102		
119	119	95.8	77.4	116.0	
201	201	81.6	94.6	141.8#	





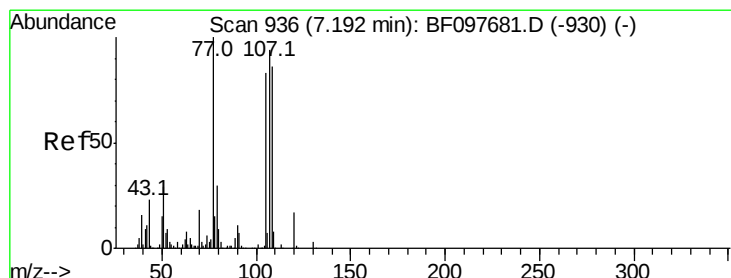
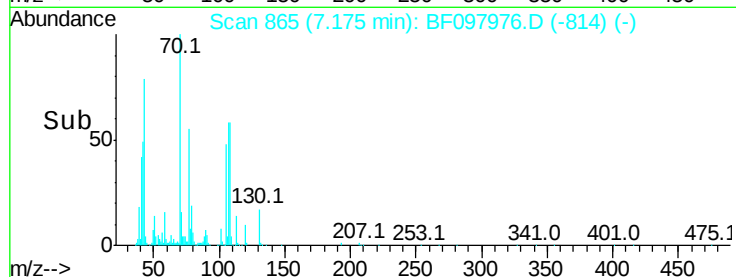
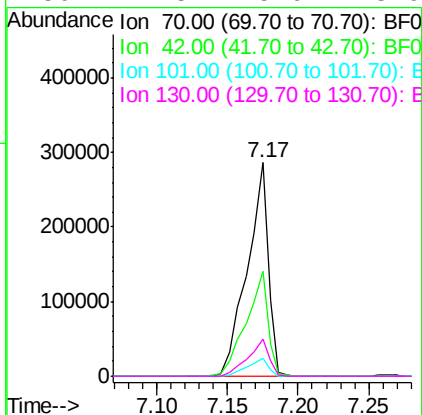
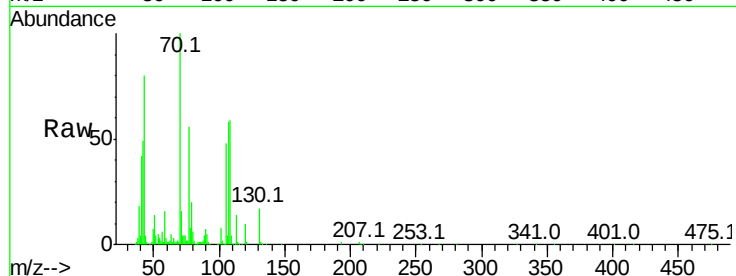
#19
n-Nitroso-di-n-propylamine
Concen: 35.248 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.1	47.2	70.8		
101	8.5	7.2	10.8		
130	17.5	15.9	23.9		

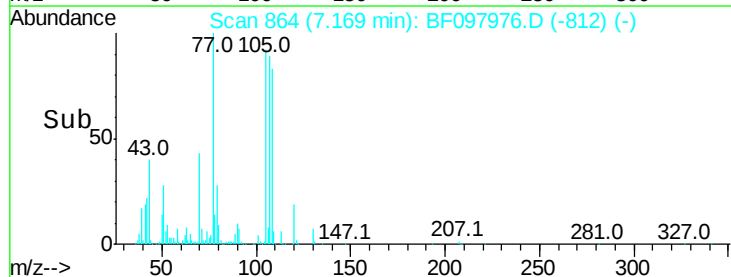
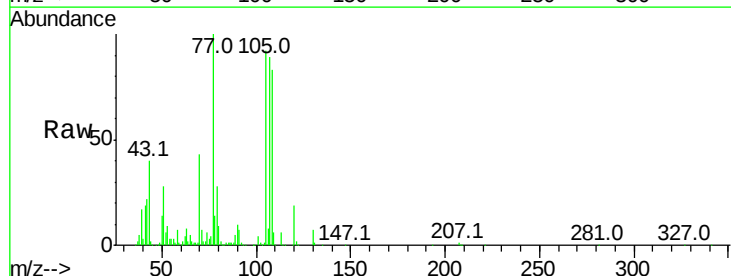
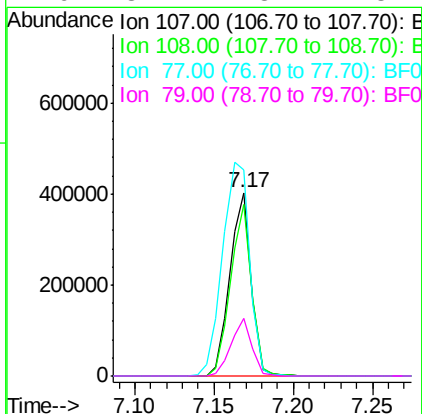
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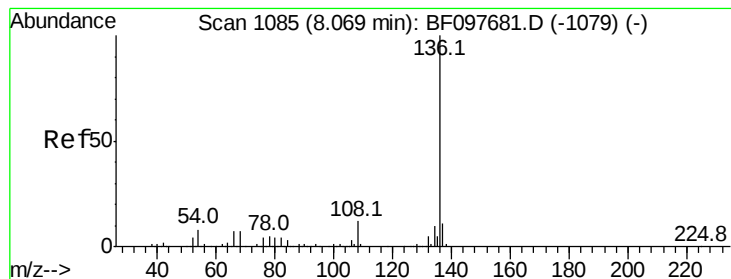
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#20
3+4-Methylphenols
Concen: 36.133 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.7	71.0	111.0		
77	112.4	90.5	130.5		
79	31.1	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: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

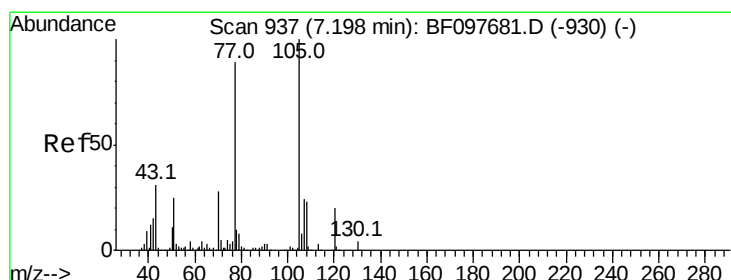
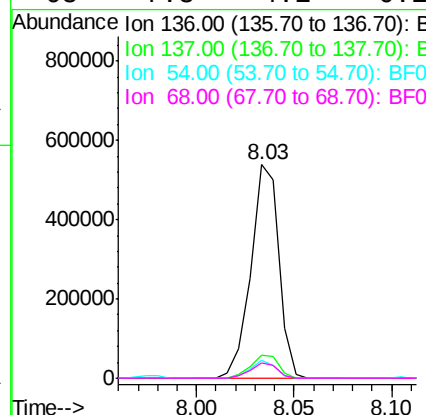
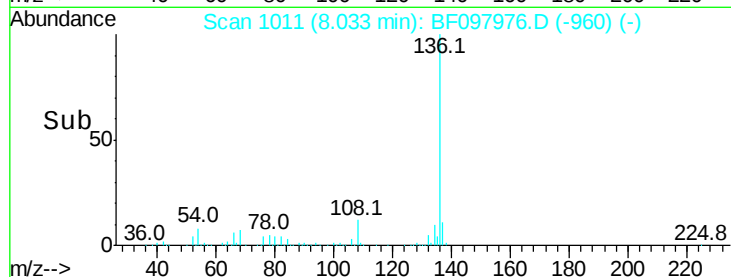
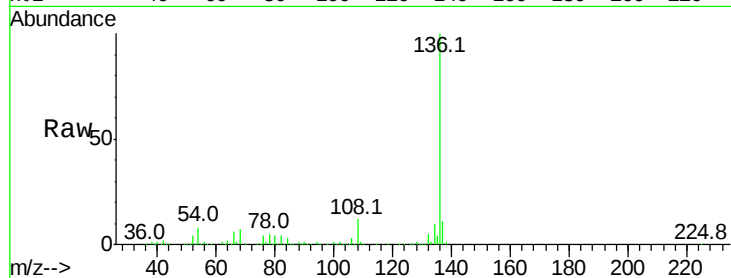
ClientSampleId :

SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	8.1	4.9	7.3#	
68	7.3	4.1	6.1#	

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#22

Acetophenone

Concen: 37.864 ng

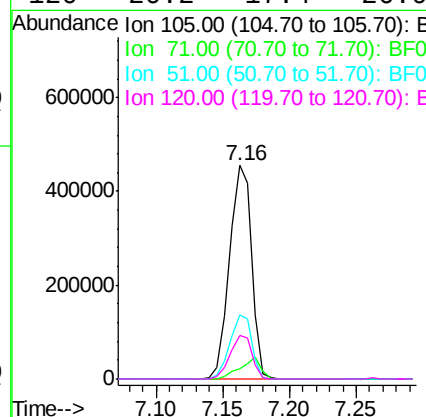
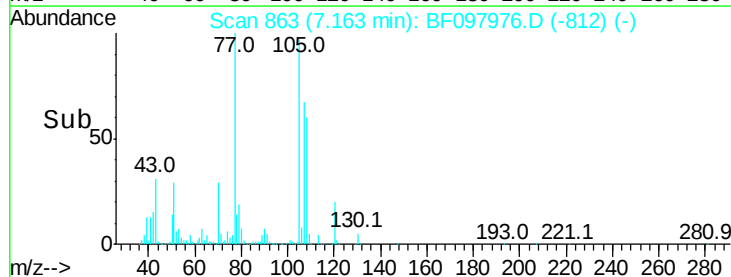
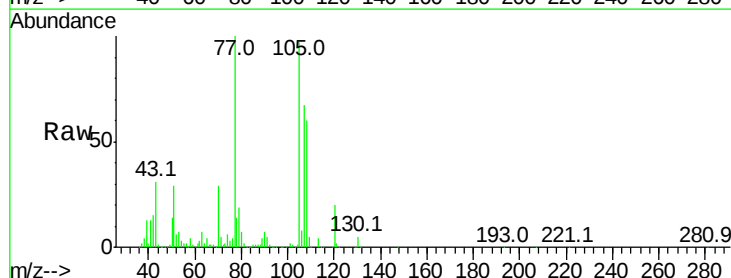
RT: 7.16 min Scan# 863

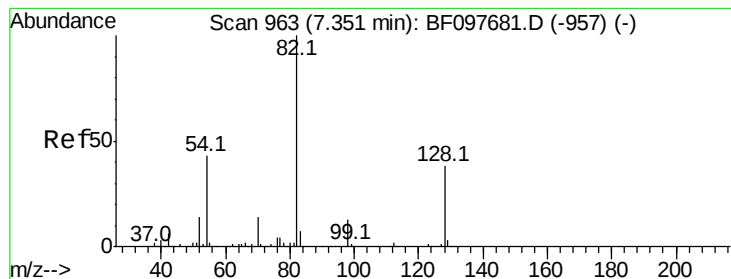
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	2.8	4.2#	
51	29.9	30.7	46.1#	
120	20.2	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 95.299 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

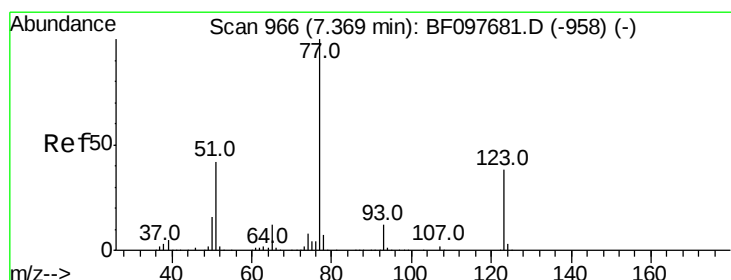
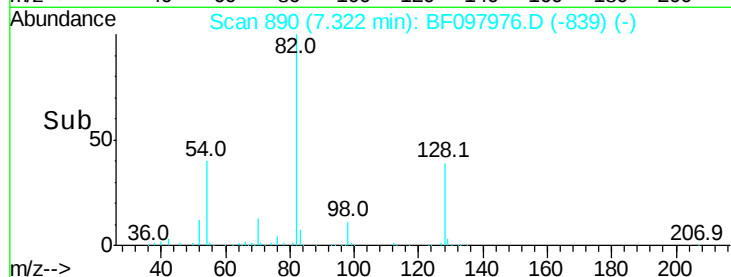
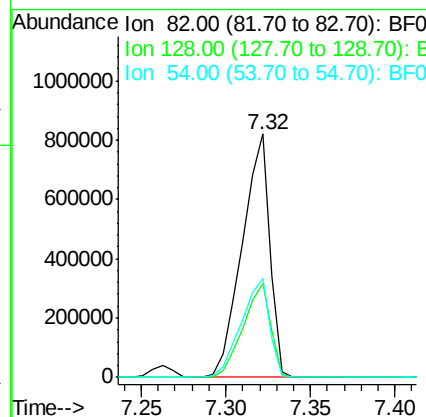
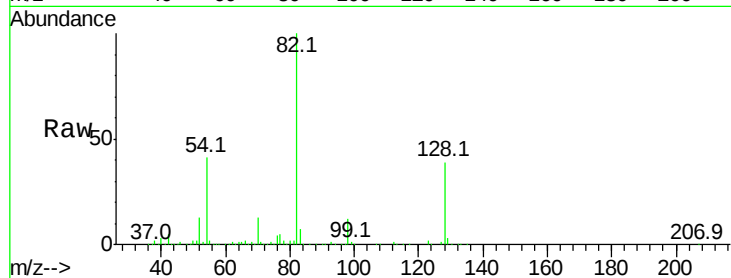
ClientSampled :

SP-5-6MSD

Tot Ion:	82	Resp:	937601
Ion Ratio	Lower	Upper	
82	100		
128	38.6	34.0	51.0
54	40.8	42.2	63.2#

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#24

Nitrobenzene

Concen: 42.559 ng

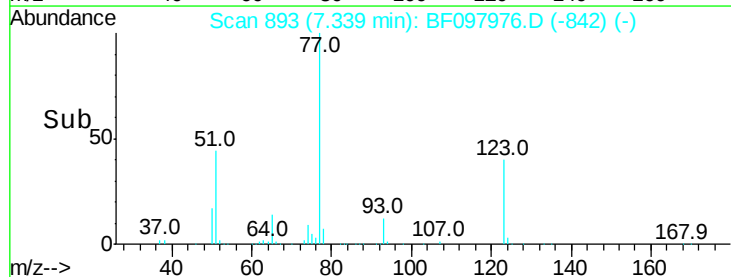
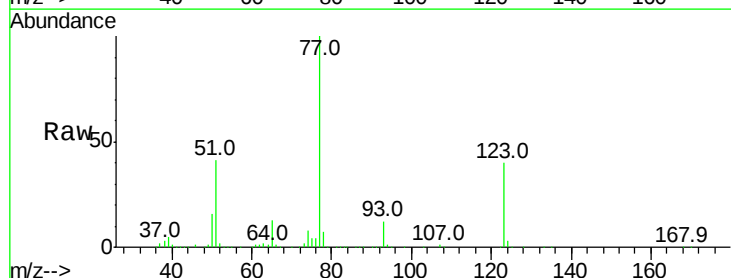
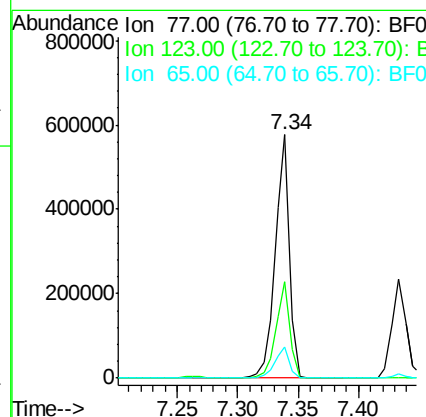
RT: 7.34 min Scan# 893

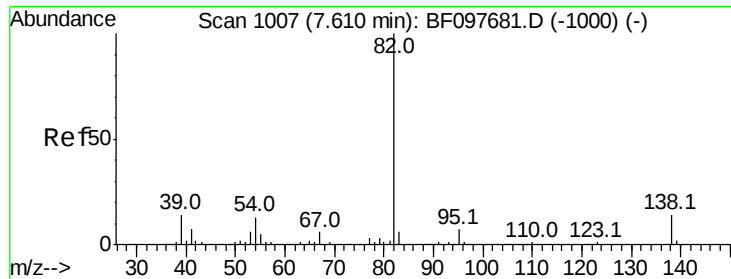
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	77	Resp:	466212
Ion Ratio	Lower	Upper	
77	100		
123	39.7	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 41.069 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

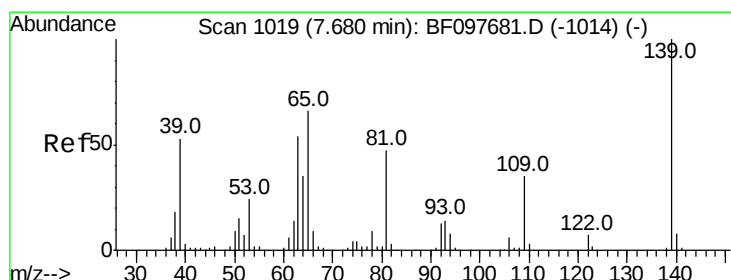
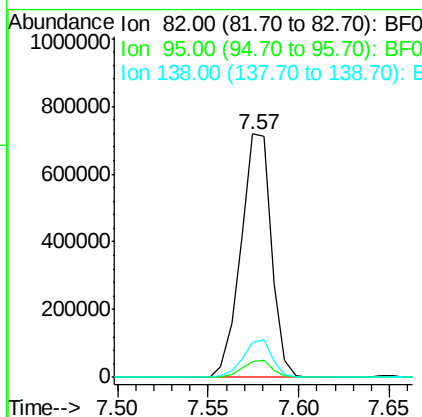
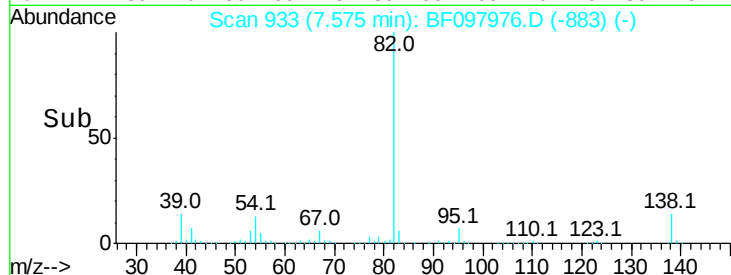
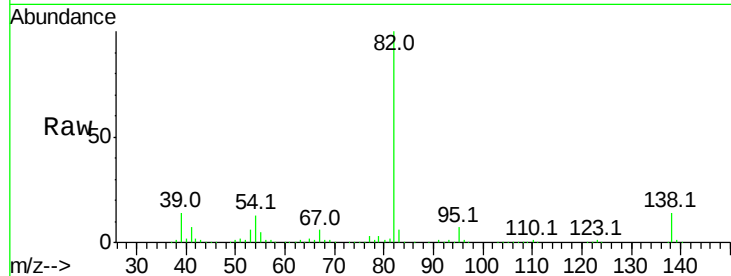
ClientSampleId :

SP-5-6MSD

Tot Ion:	82	Resp:	840186
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	14.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.894 ng

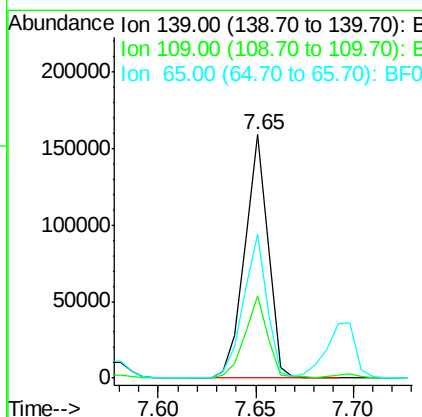
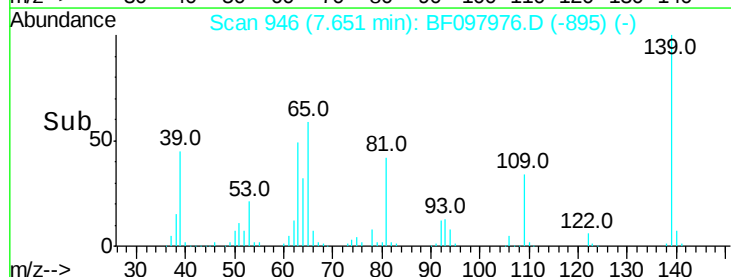
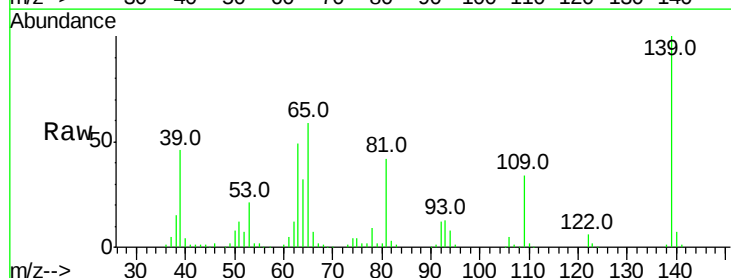
RT: 7.65 min Scan# 946

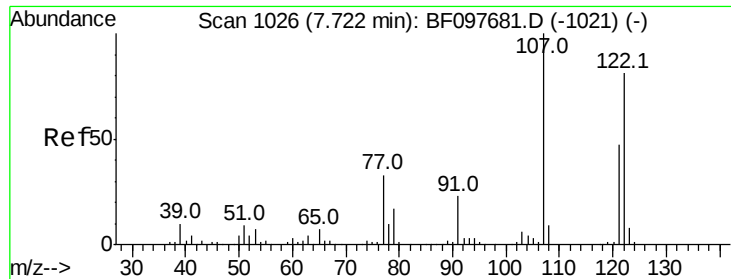
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	139	Resp:	132087
Ion Ratio		Lower	Upper
139	100		
109	34.0	21.0	31.6#
65	58.9	33.0	49.6#





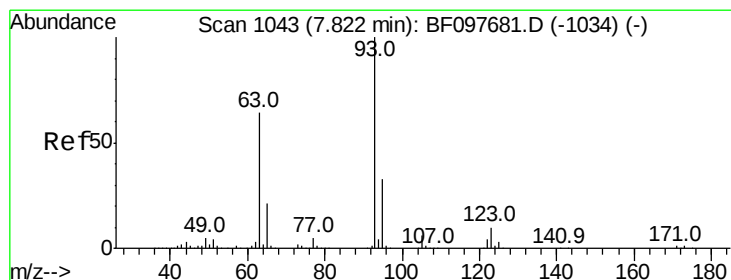
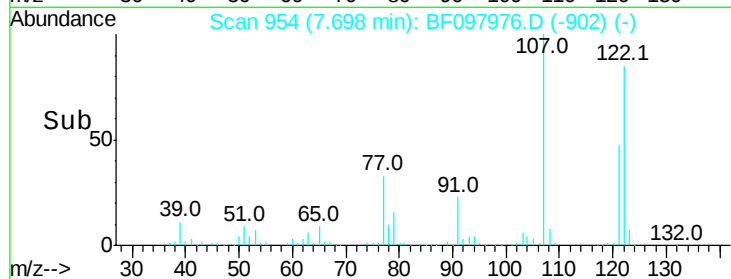
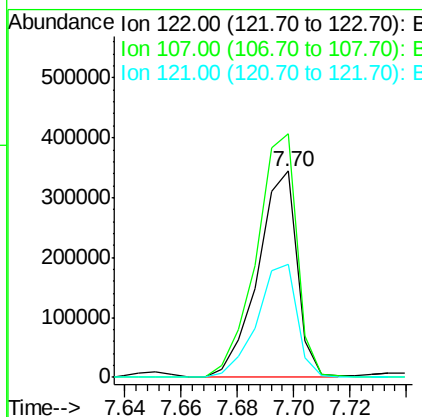
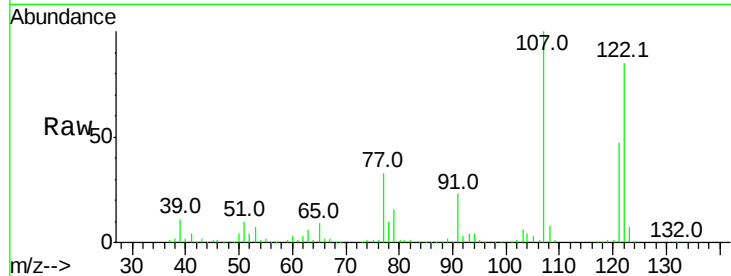
#27
 2,4-Dimethylphenol
 Concen: 39.006 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	332798		
107	118.1	89.2	133.8	
121	55.0	45.2	67.8	

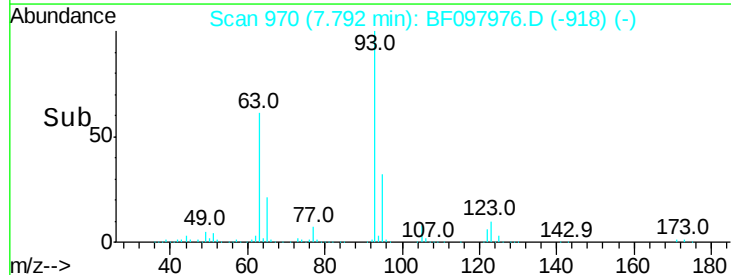
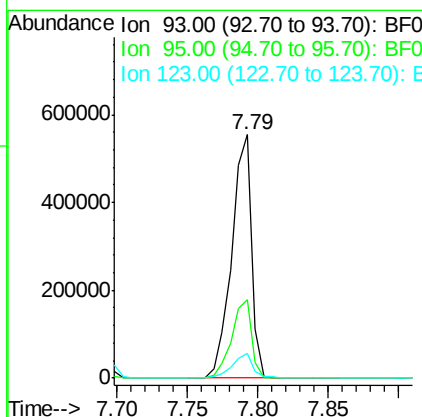
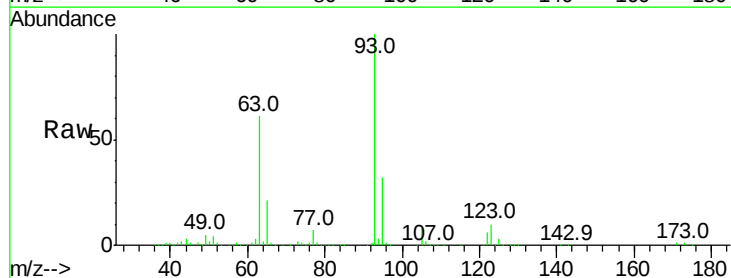
Manual Integrations
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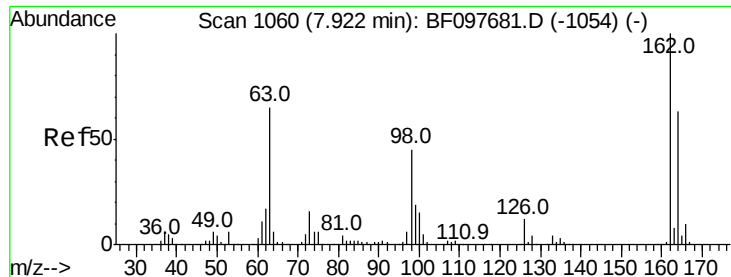
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.258 ng
 RT: 7.79 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541461		
95	32.1	26.5	39.7	
123	10.0	9.0	13.4	





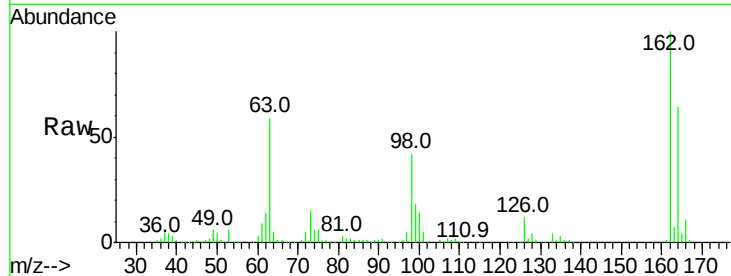
#29
 2,4-Dichlorophenol
 Concen: 37.888 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

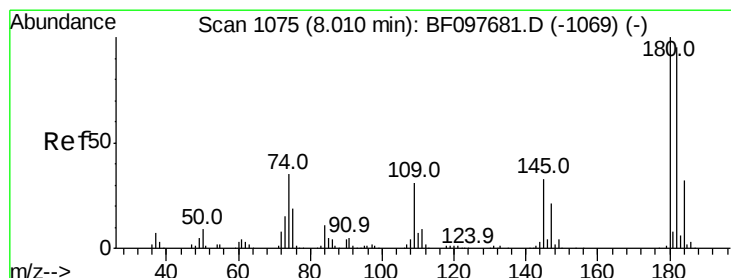
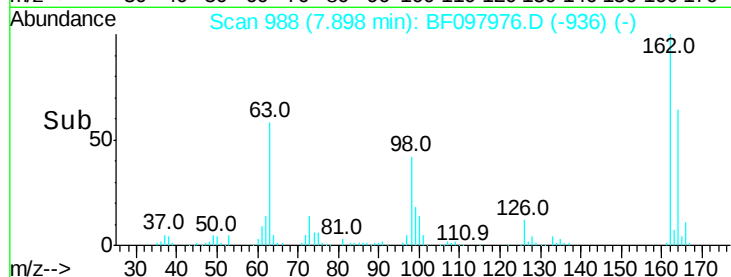
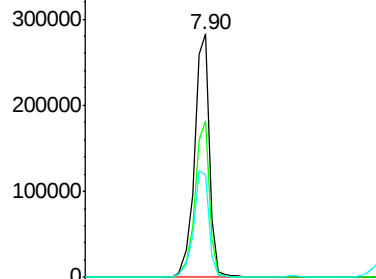
Tot Ion:	162	Resp:	268339
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	42.2	14.8	54.8

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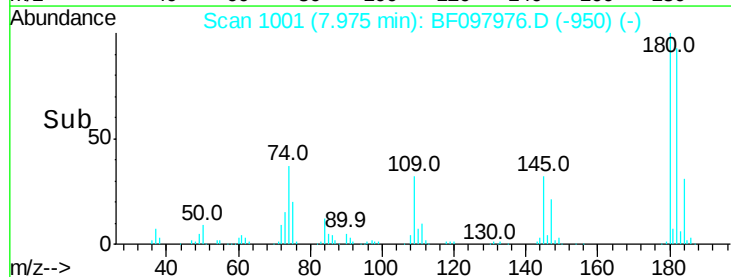
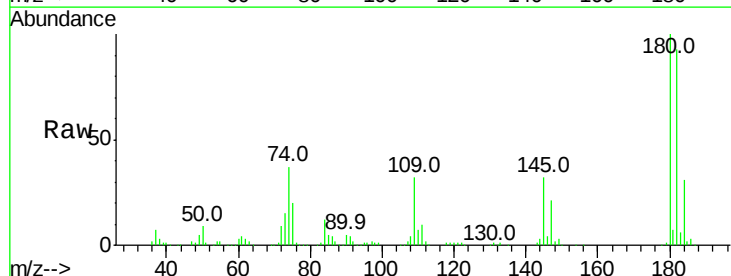
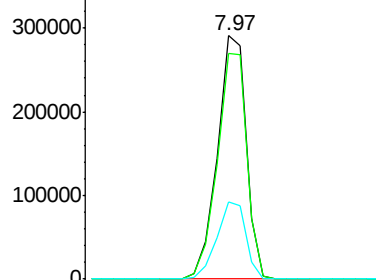
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

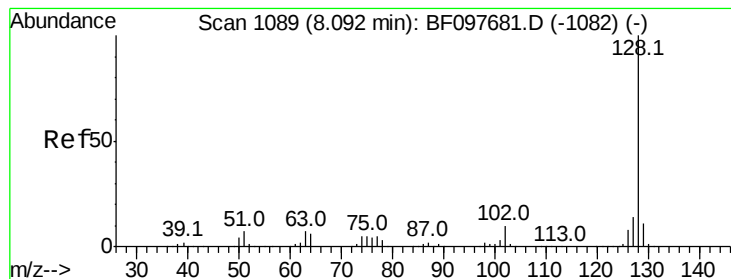


#30
 1,2,4-Trichlorobenzene
 Concen: 37.925 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:	180	Resp:	297758
Ion Ratio	Lower	Upper	
180	100		
182	92.8	75.8	113.6
145	32.0	25.3	37.9

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.755 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

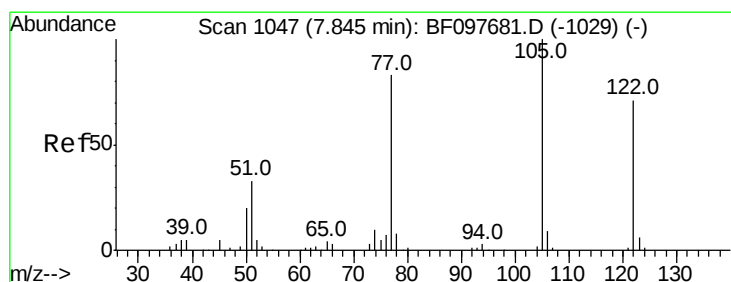
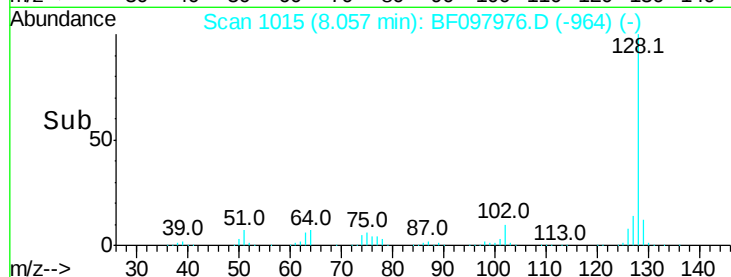
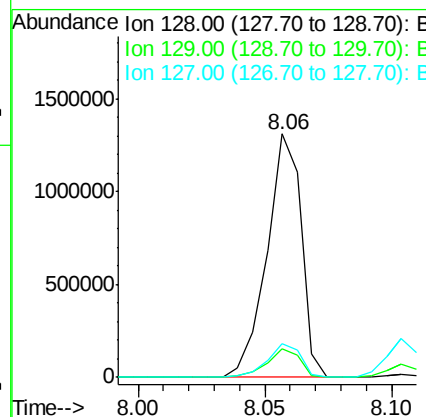
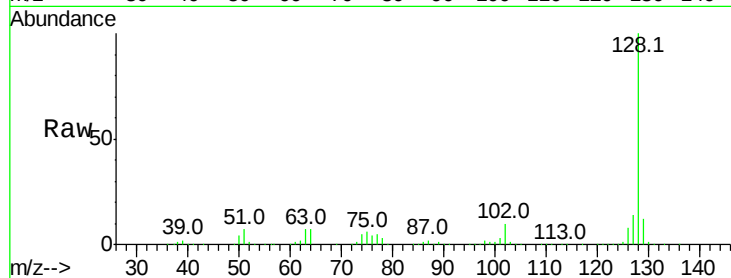
ClientSampled :

SP-5-6MSD

Tot Ion:	128	Resp:	1241817
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.9	10.8	16.2

Manual Integrations
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#32

Benzoic acid

Concen: 25.516 ng

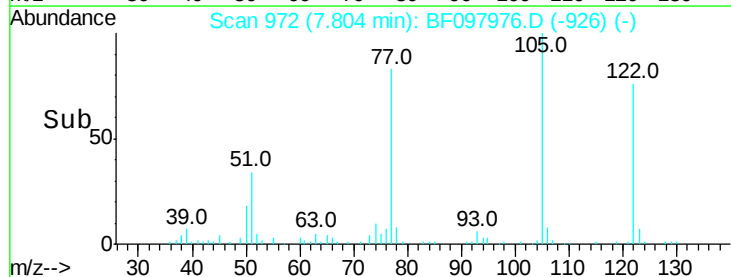
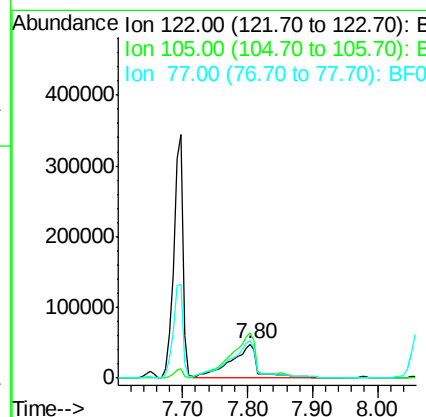
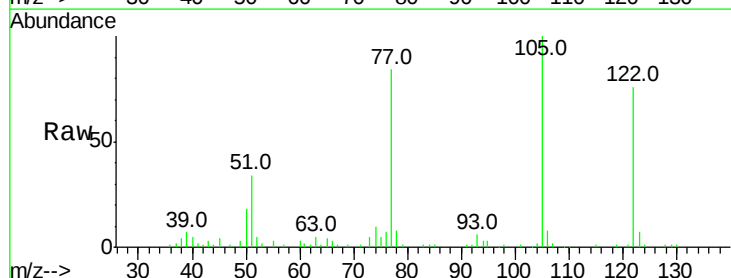
RT: 7.80 min Scan# 972

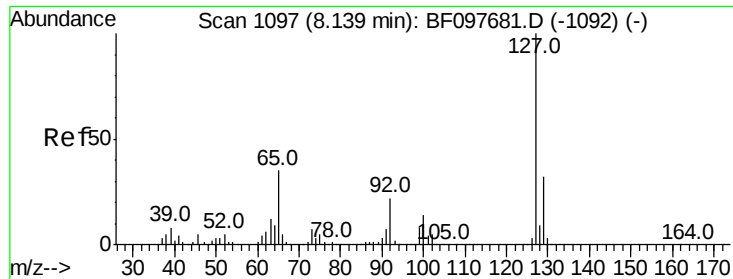
Delta R.T. -0.03 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	122	Resp:	137098
Ion	Ratio	Lower	Upper
122	100		
105	132.3	103.3	143.3
77	111.1	73.7	113.7





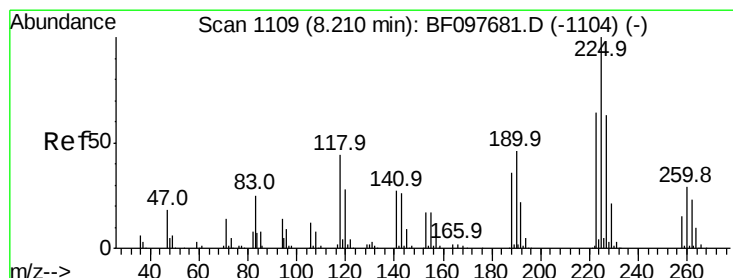
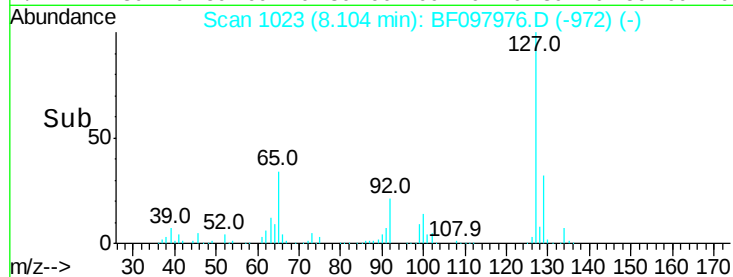
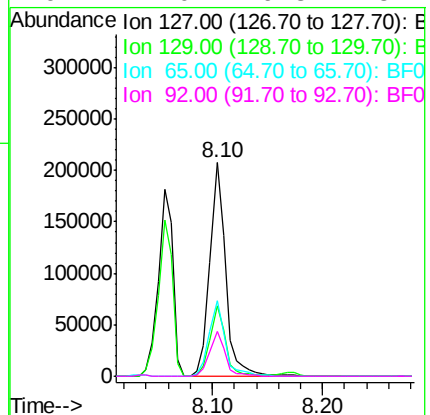
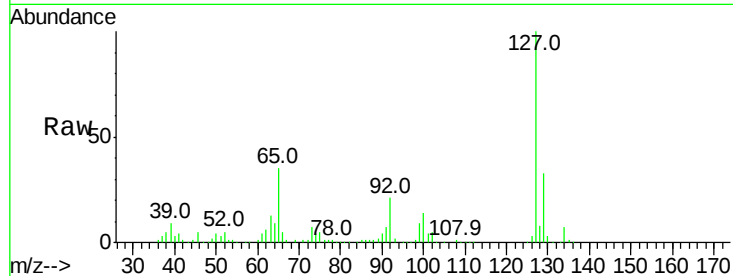
#33
4-Chloroaniline
Concen: 17.250 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.1	27.8	41.8
92	21.0	16.8	25.2

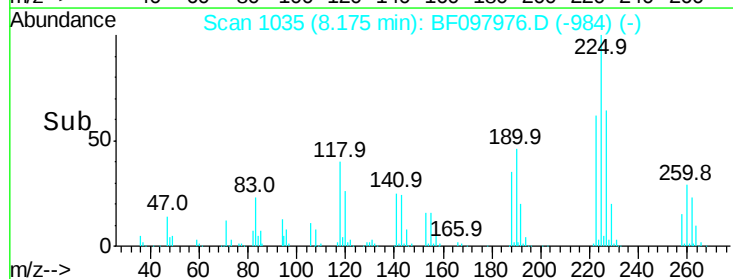
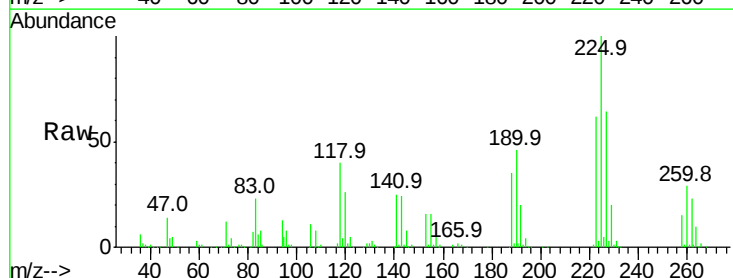
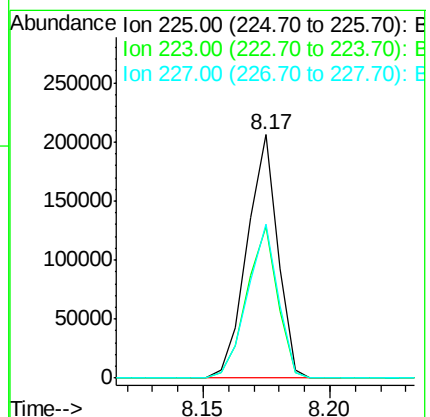
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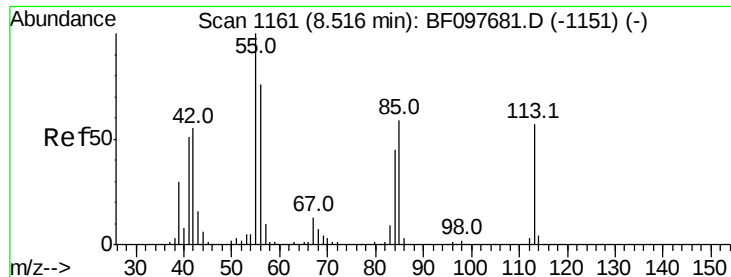
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#34
Hexachlorobutadiene
Concen: 37.873 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.5	51.1	76.7





#35

Caprolactam

Concen: 36.102 ng/mL

RT: 8.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

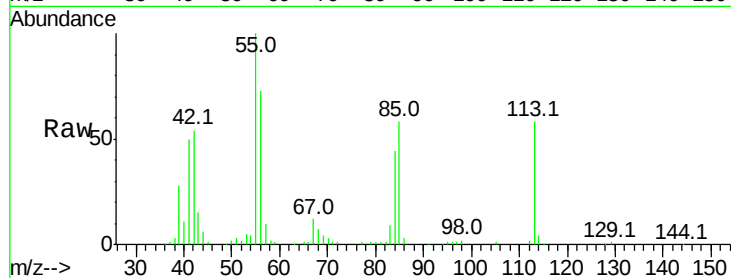
ClientSampleId :

SP-5-6MSD

Tot Ion:	113	Resp:	86925
Ion Ratio	Lower	Upper	
113	100		
55	172.7	150.2	190.2
56	125.8	107.8	147.8

Manual Integrations
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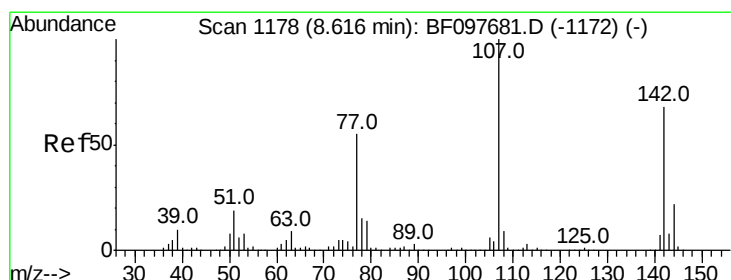
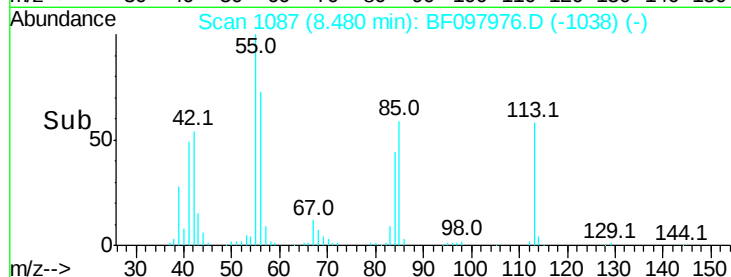
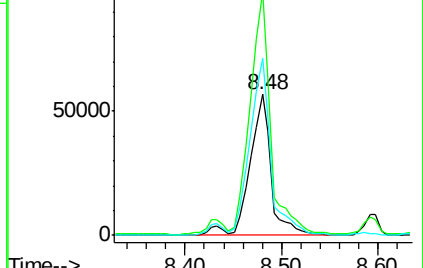
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.354 ng/mL

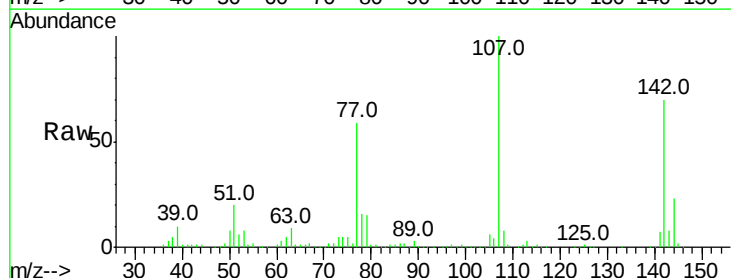
RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

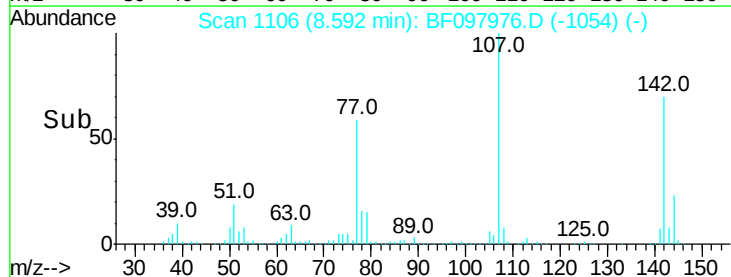
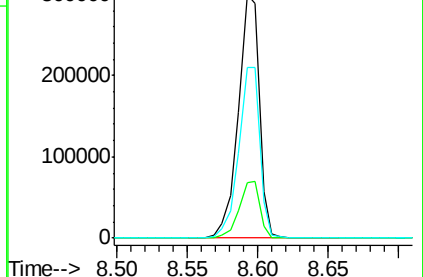
Tgt Ion:	107	Resp:	312604
Ion Ratio	Lower	Upper	
107	100		
144	22.5	24.2	36.4#
142	69.9	73.4	110.0#

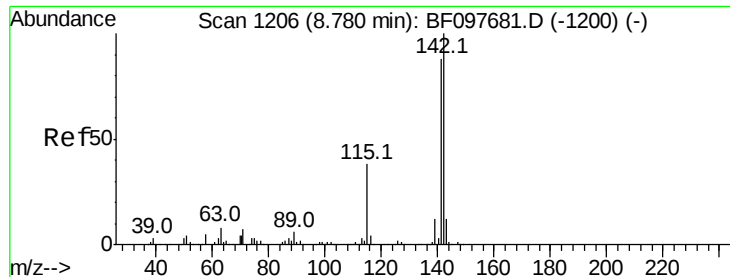


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





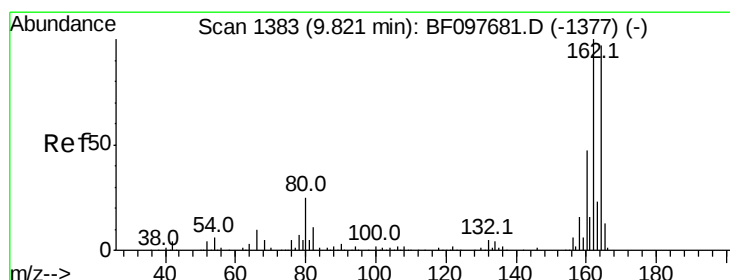
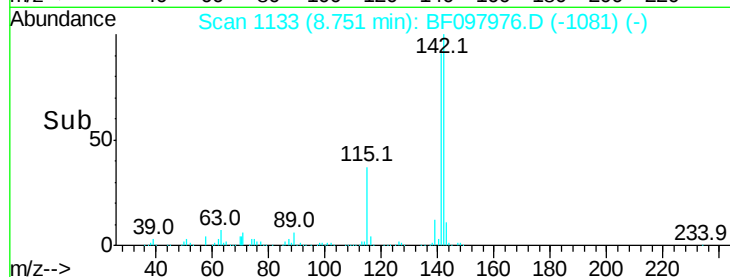
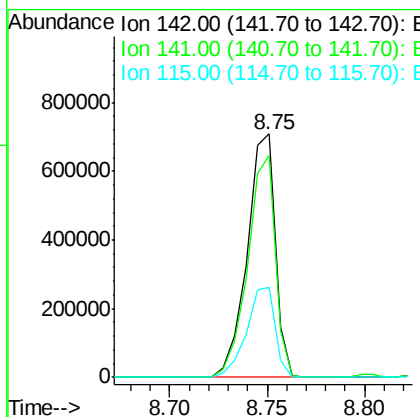
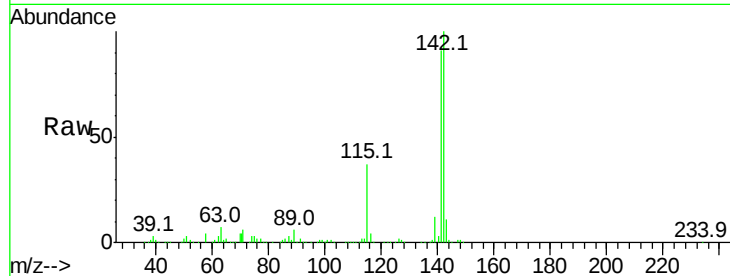
#37
2-Methylnaphthalene
Concen: 41.751 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	710246		
141	90.9	71.3	106.9	
115	37.2	27.1	40.7	

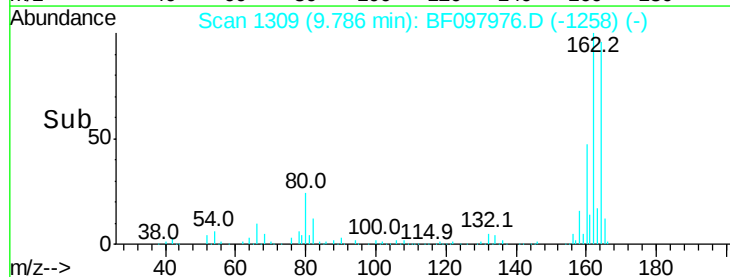
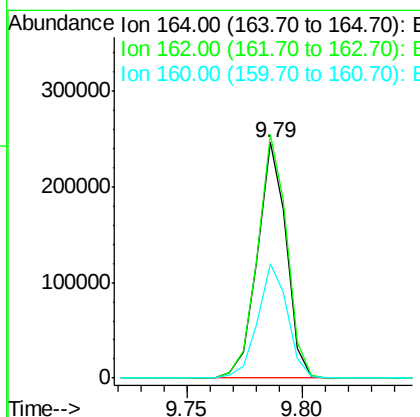
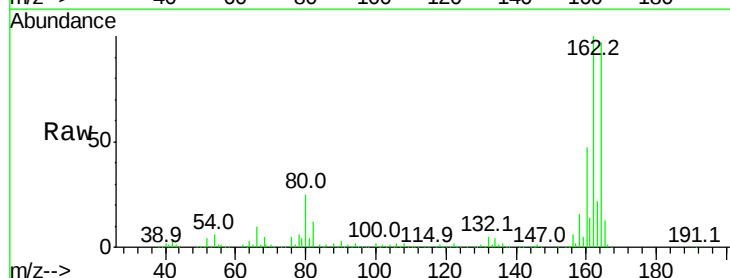
Manual Integrations
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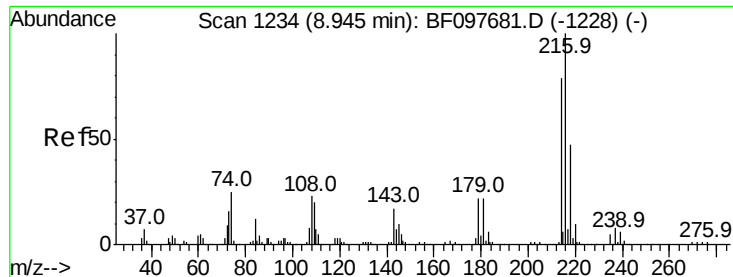
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	215942		
162	103.5	82.6	123.8	
160	48.6	36.2	54.2	





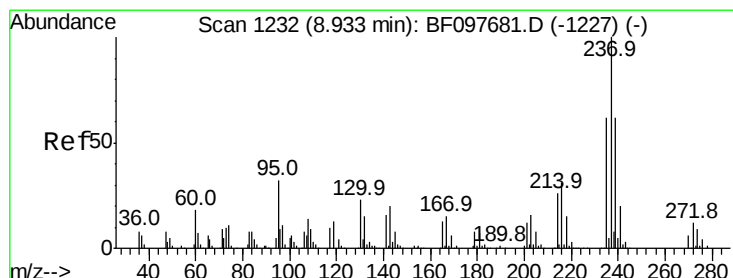
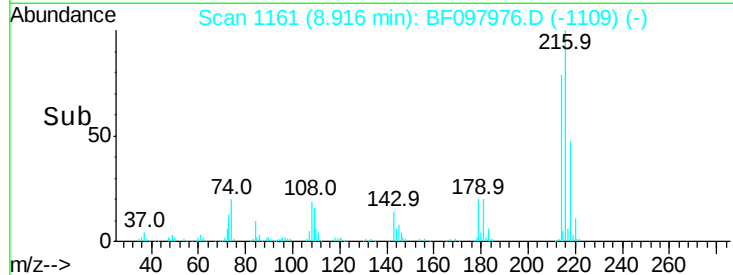
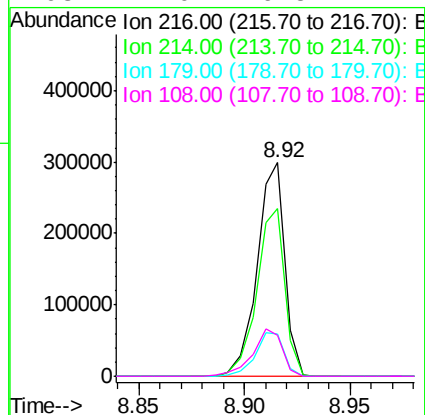
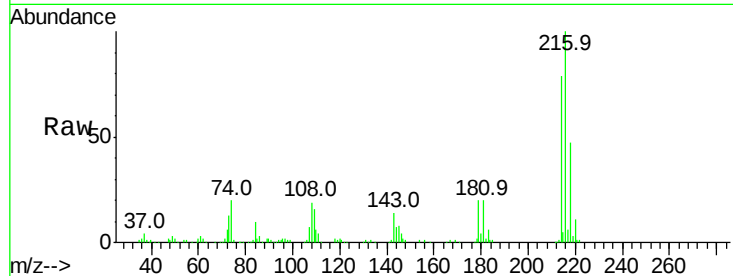
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.133 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.6	63.4	95.2
179	21.2	17.9	26.9
108	24.0	16.5	24.7

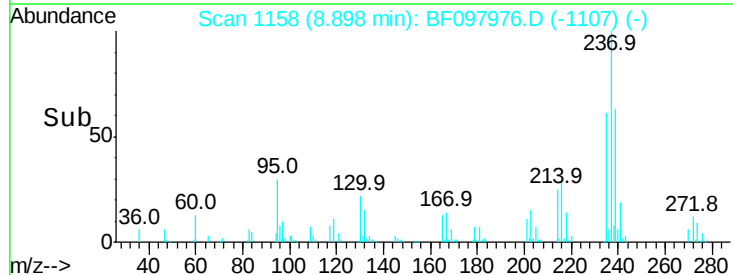
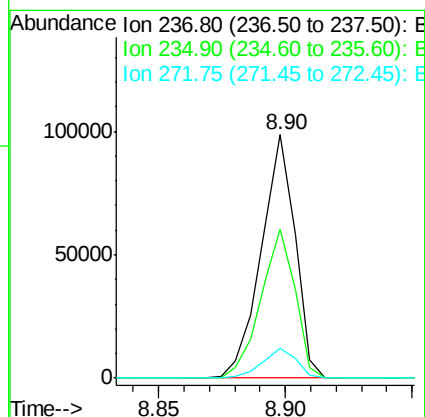
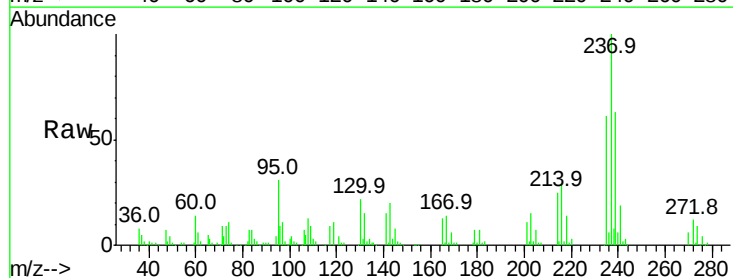
Manual Integrations
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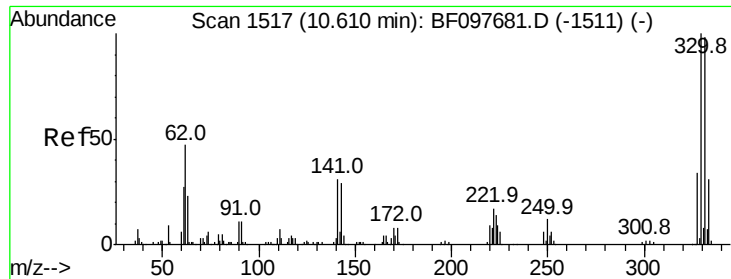
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 28.944 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	42.6	82.6
272	12.0	0.0	31.9





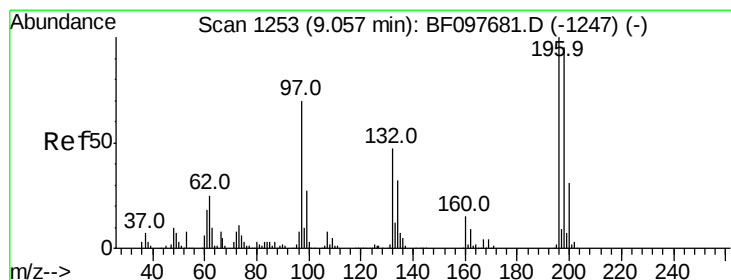
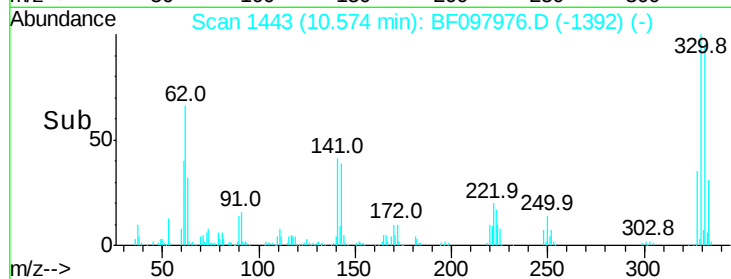
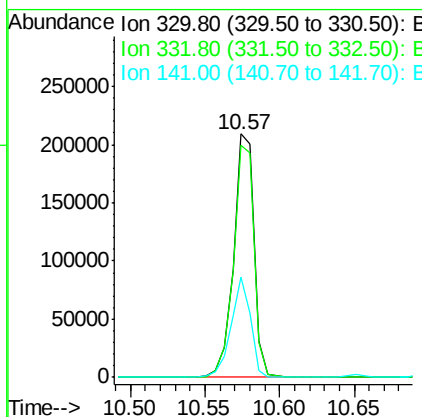
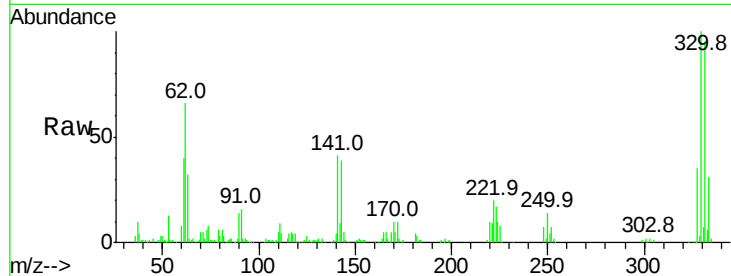
#41
 2,4,6-Tribromophenol
 Concen: 107.918 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	202201		
332	96.3	76.6	115.0	
141	40.0	31.4	47.2	

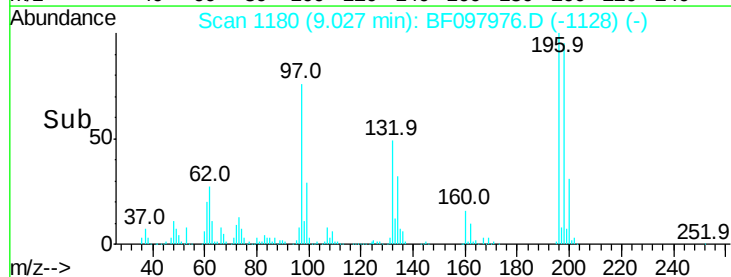
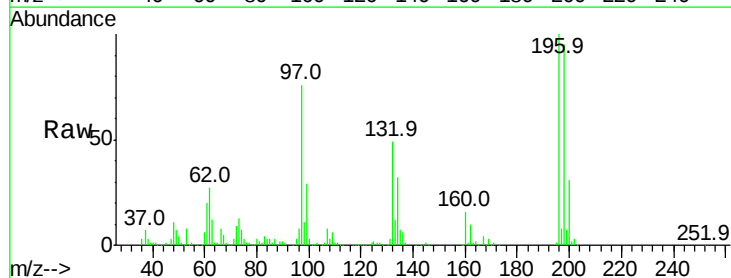
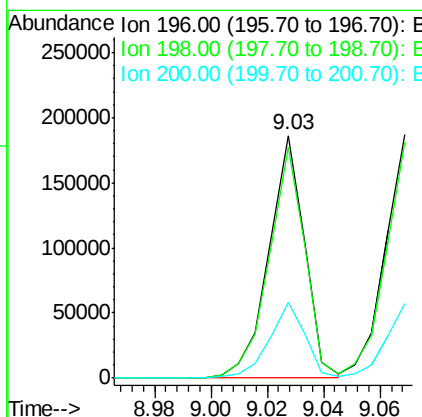
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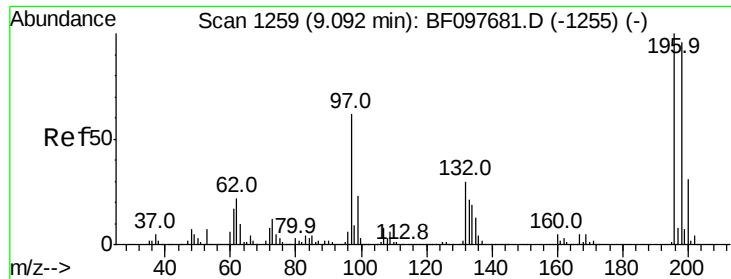
Sohil
 8/23/2017 3:03:56 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.933 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	164327		
198	95.2	74.2	111.4	
200	31.2	24.0	36.0	





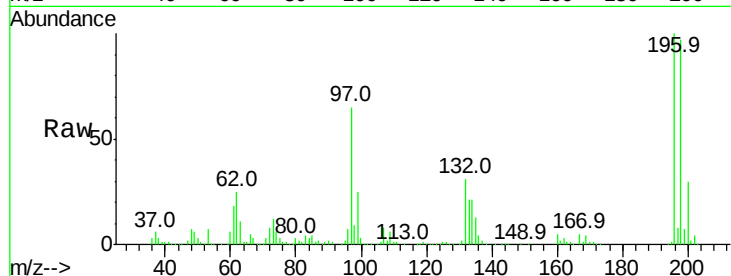
#43
 2,4,5-Trichlorophenol
 Concen: 36.672 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	161870		
198	96.9	75.7	113.5	
97	65.0	47.7	71.5	
132	31.3	28.0	42.0	

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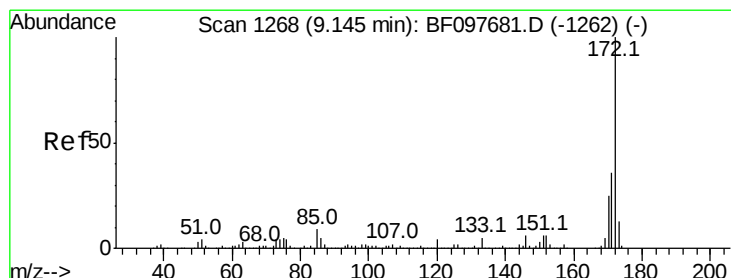
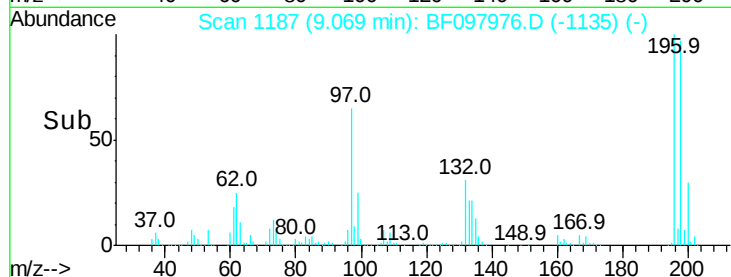
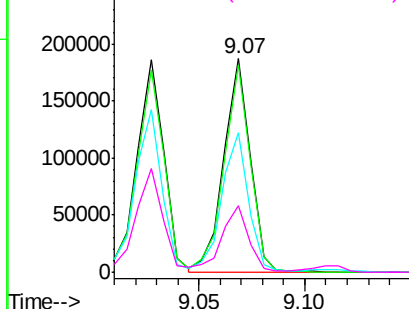
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.221 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

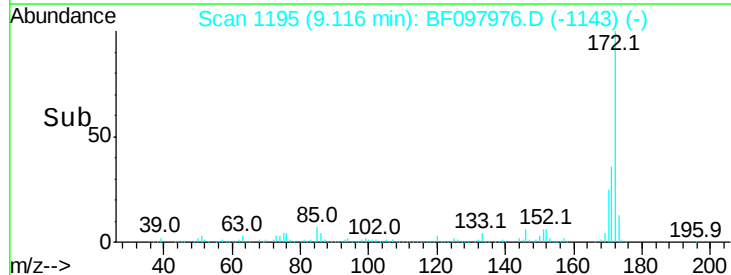
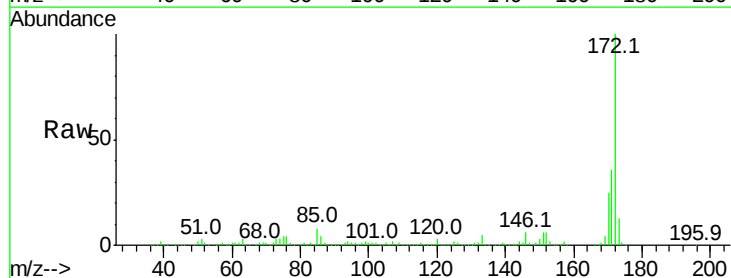
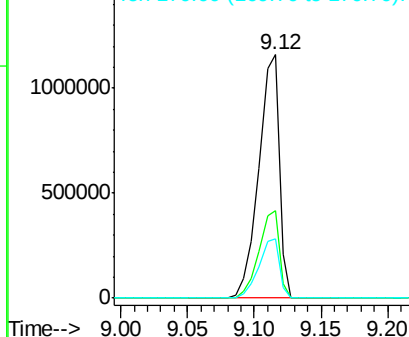
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1223178		
171	36.2	29.6	44.4	
170	24.6	19.8	29.8	

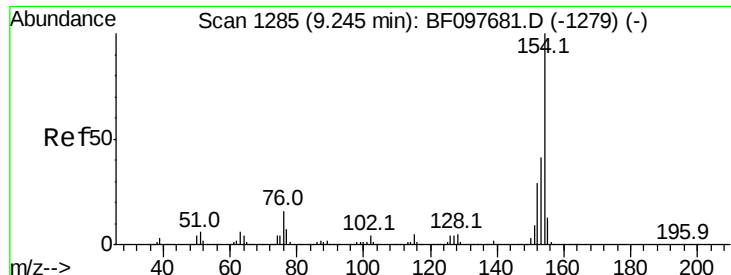
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.126 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

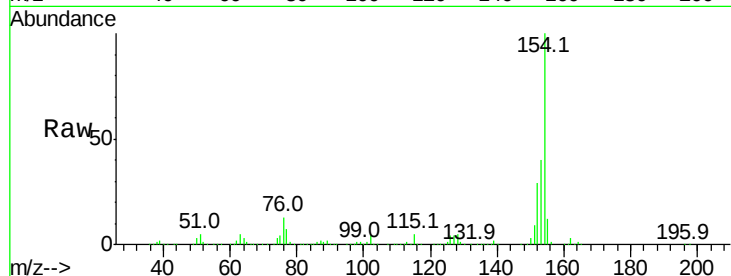
ClientSampled :

SP-5-6MSD

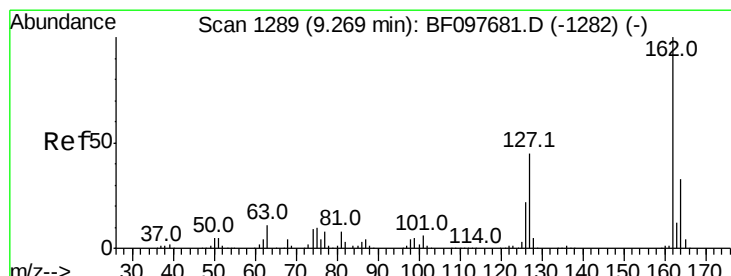
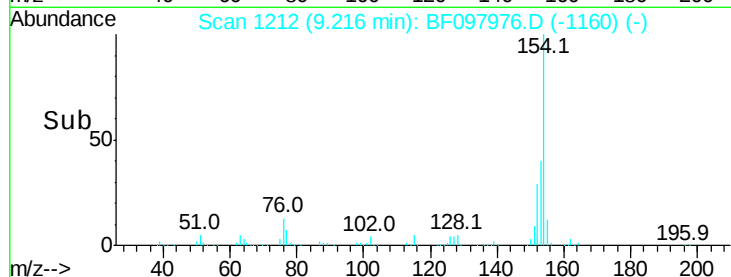
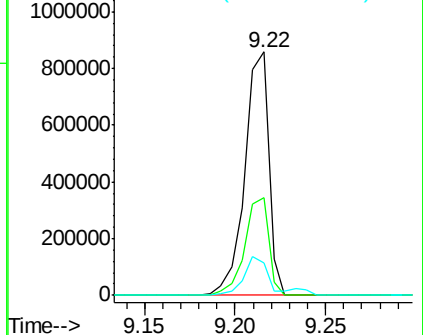
Tot Ion:	154	Resp:	790155
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.2	61.2
76	13.3	0.0	29.9

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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: 38.919 ng

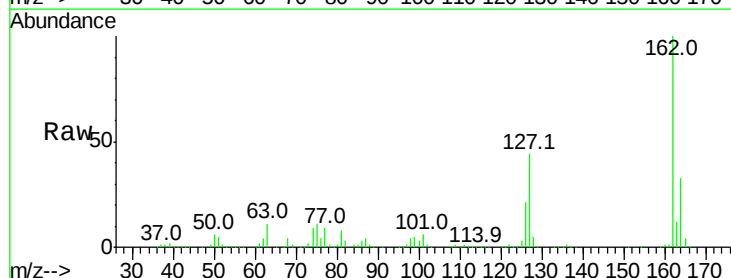
RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

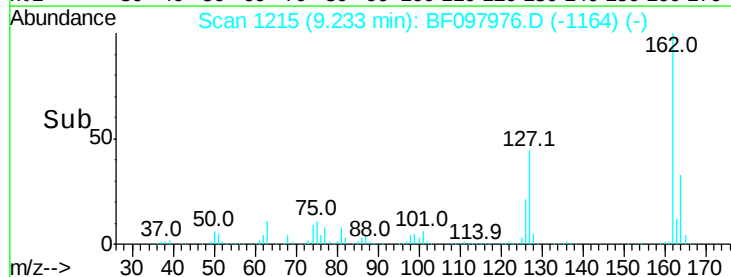
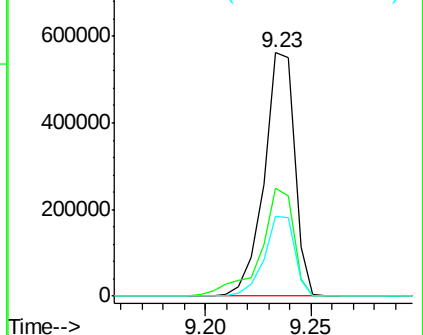
Lab File: BF097976.D

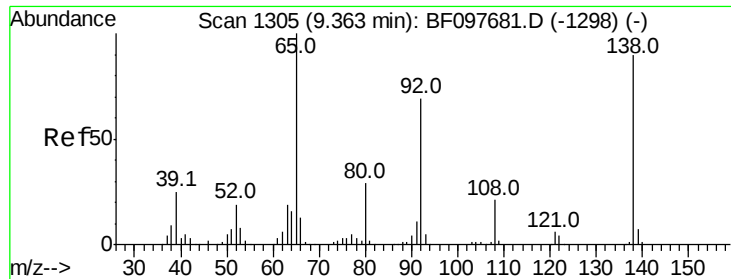
Acq: 23 Aug 2017 1:49

Tgt Ion:	162	Resp:	566267
Ion Ratio	Lower	Upper	
162	100		
127	44.3	28.3	42.5#
164	32.5	27.0	40.4



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





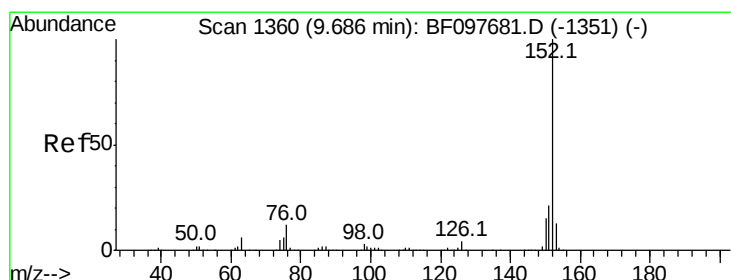
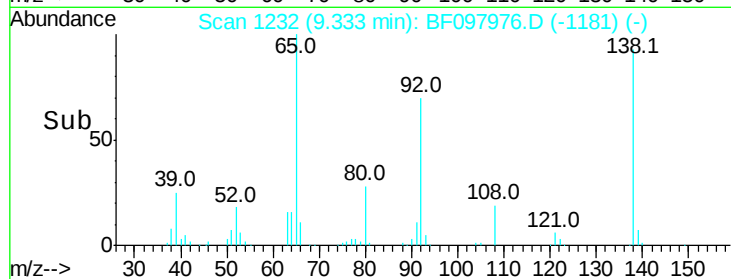
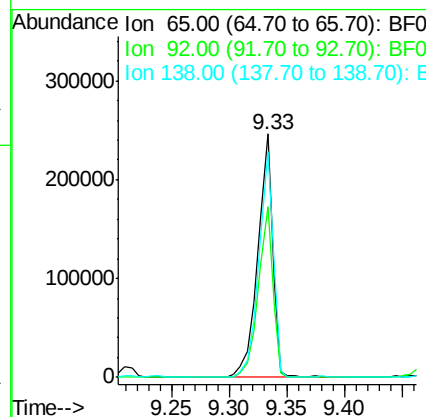
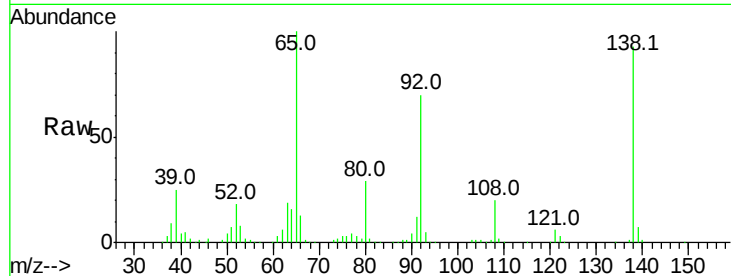
#47
2-Nitroaniline
Concen: 45.663 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	92.6	78.8	118.2

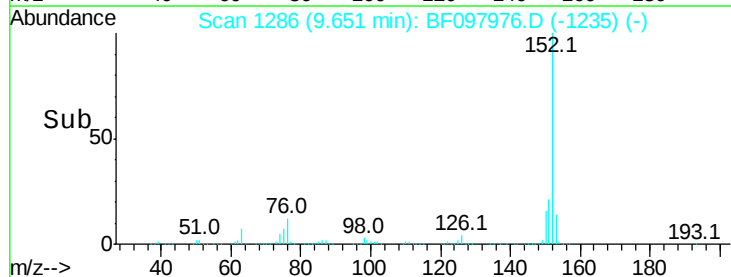
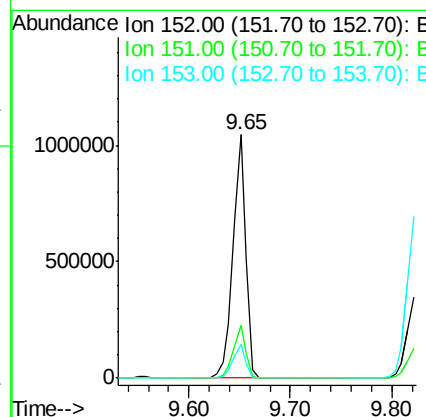
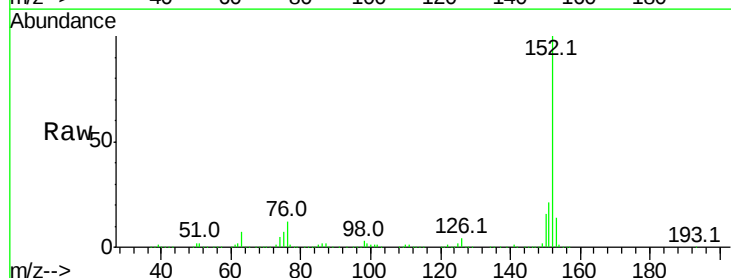
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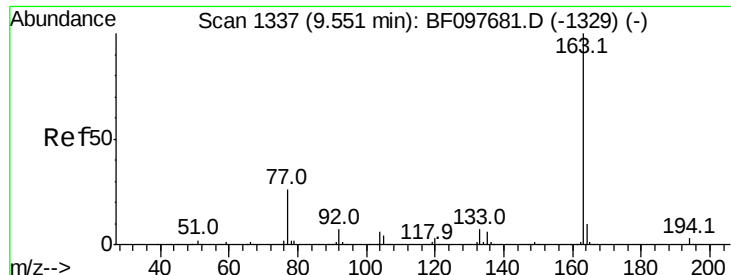
Sohil
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#48
Acenaphthylene
Concen: 40.299 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	13.6	10.8	16.2





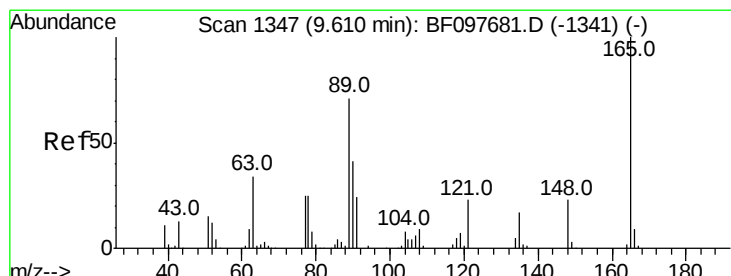
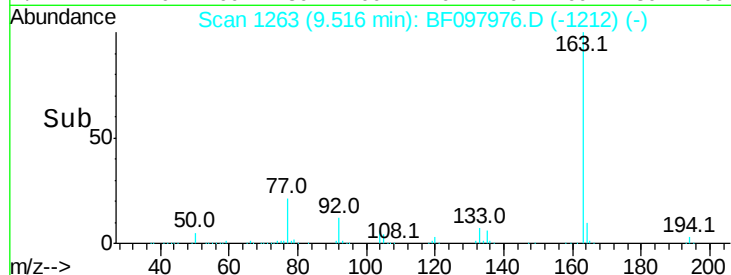
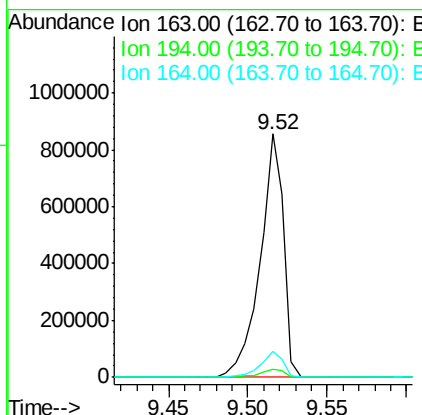
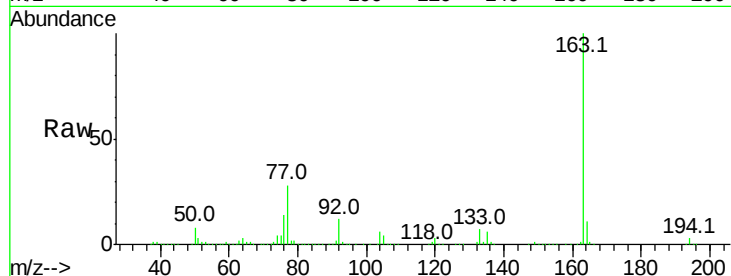
#49
Dimethylphthalate
Concen: 55.923 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	882732		
194	3.5	2.6	4.0	
164	10.5	8.4	12.6	

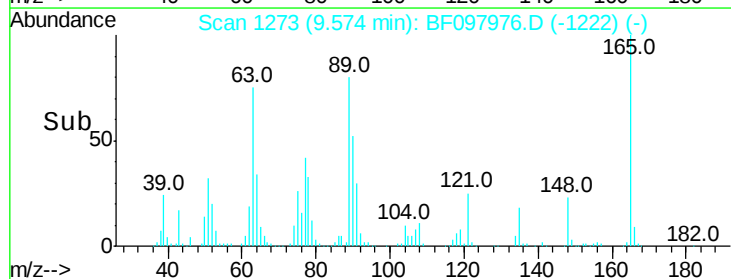
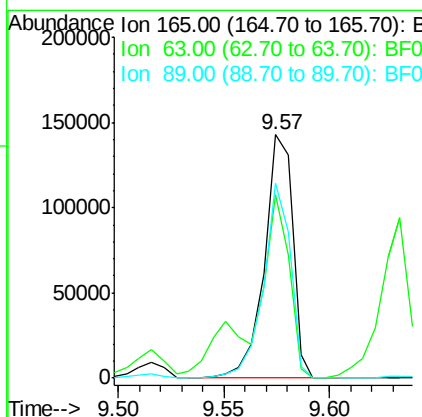
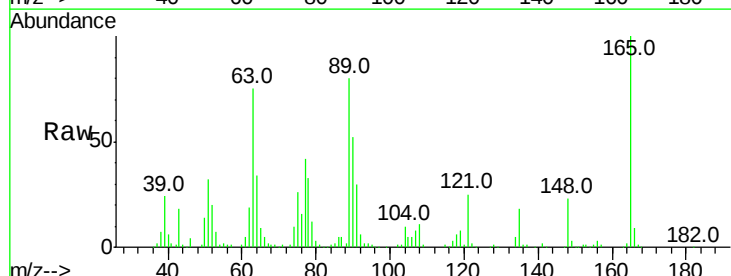
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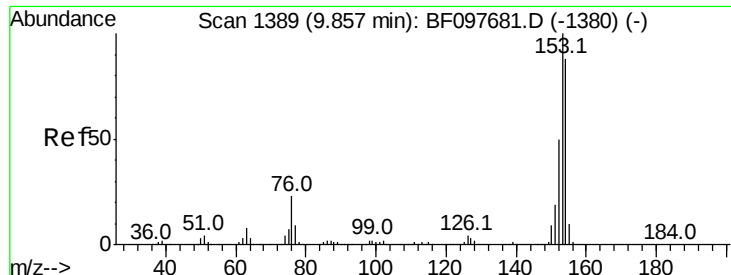
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#50
2,6-Dinitrotoluene
Concen: 42.468 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	133808		
63	75.1	34.3	51.5#	
89	80.1	37.1	55.7#	





#51

Acenaphthene

Concen: 38.676 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

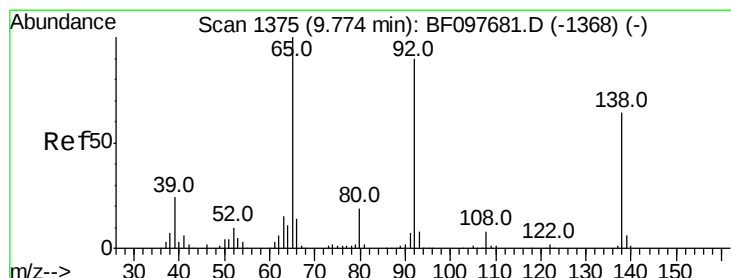
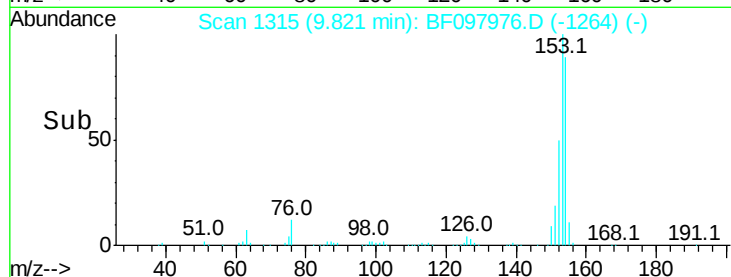
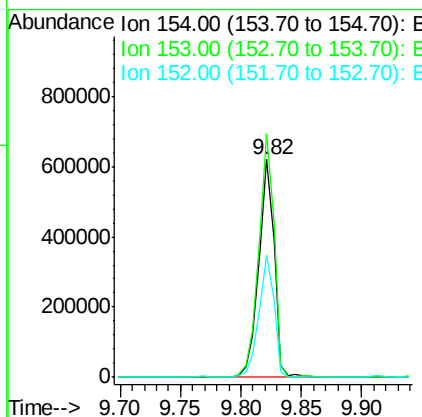
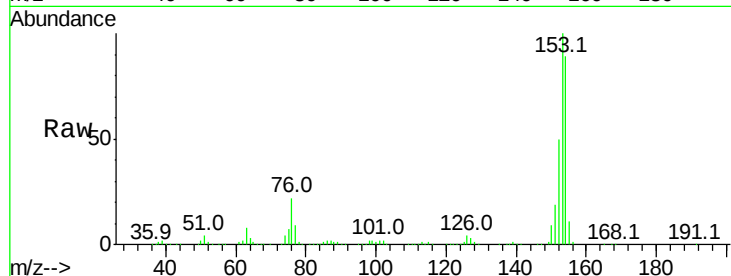
ClientSampleId :

SP-5-6MSD

Tot Ion:	154	Resp:	557324
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	56.0	43.6	65.4

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#52

3-Nitroaniline

Concen: 33.723 ng

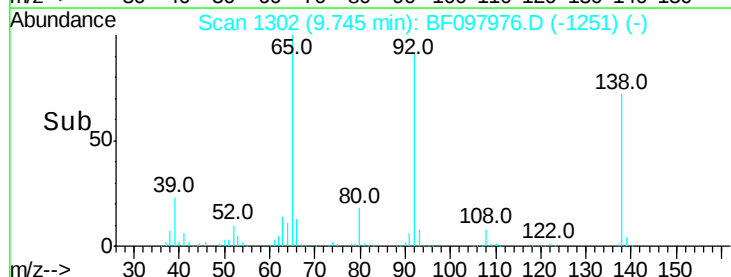
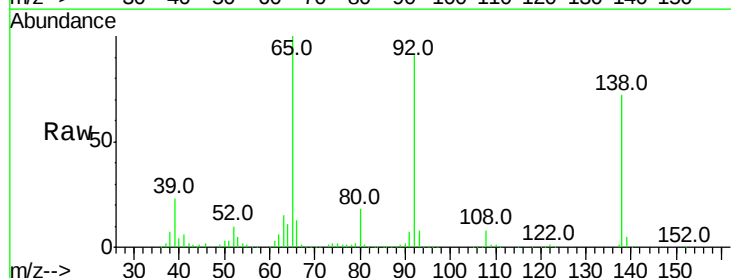
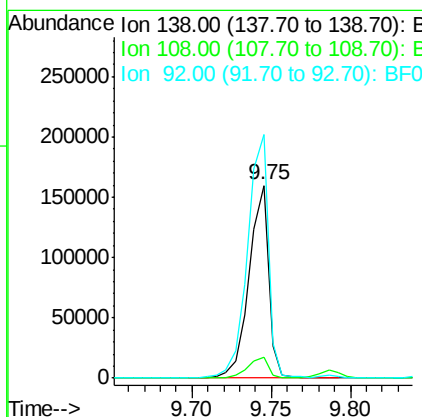
RT: 9.75 min Scan# 1302

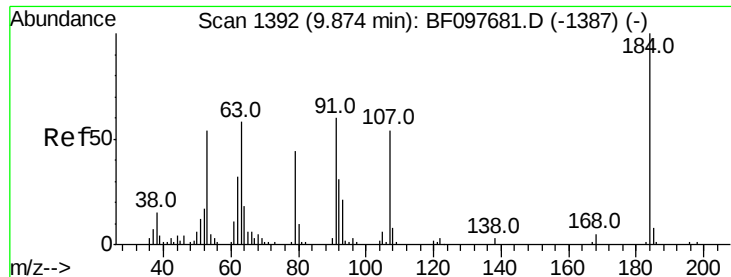
Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	138	Resp:	137088
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.1	13.7
92	126.3	93.8	140.6





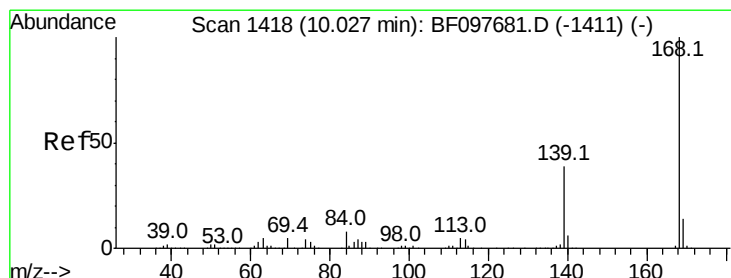
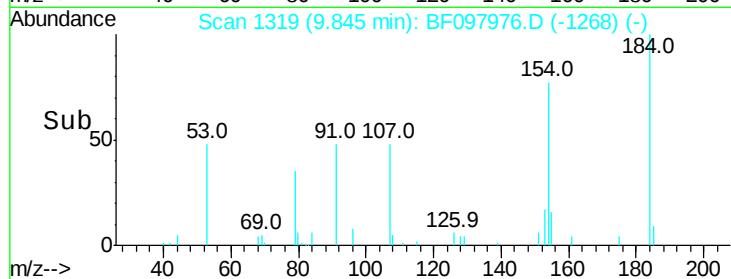
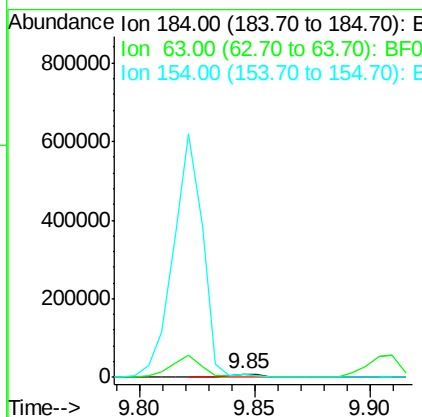
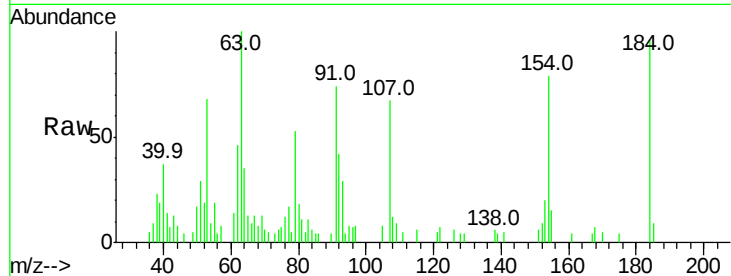
#53
 2,4-Dinitrophenol
 Concen: 14.713 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	103.7	62.7	94.1#
154	81.6	81.1	121.7

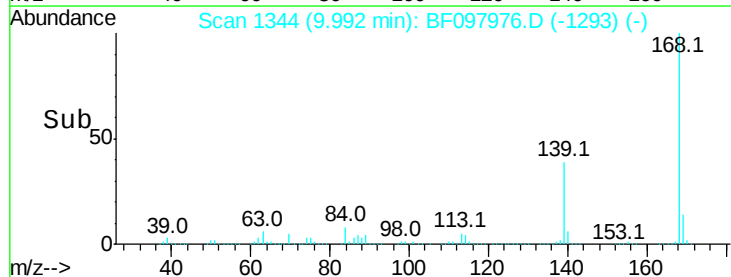
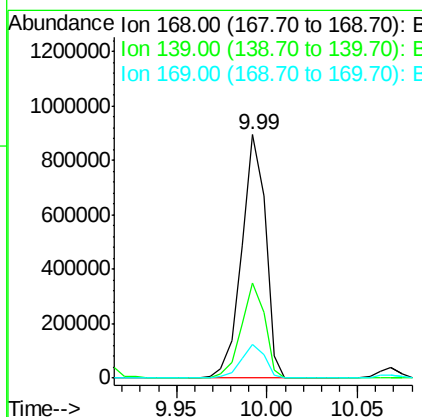
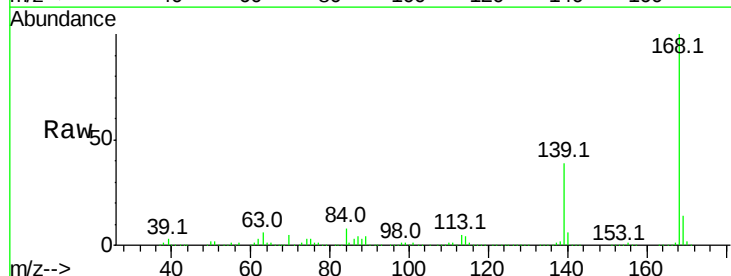
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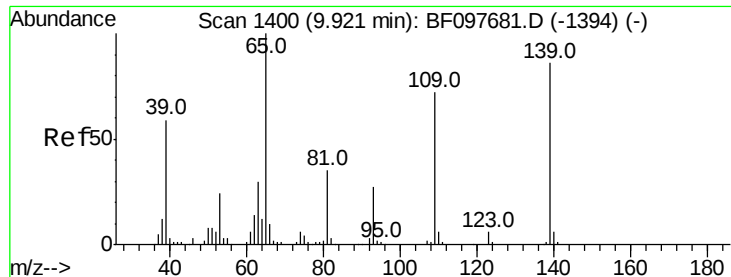
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#54
 Dibenzofuran
 Concen: 42.396 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.6	45.8
169	13.7	10.8	16.2





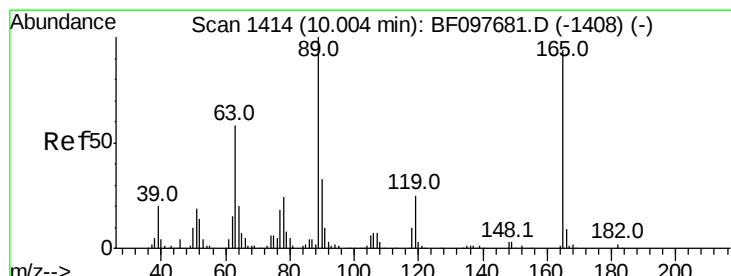
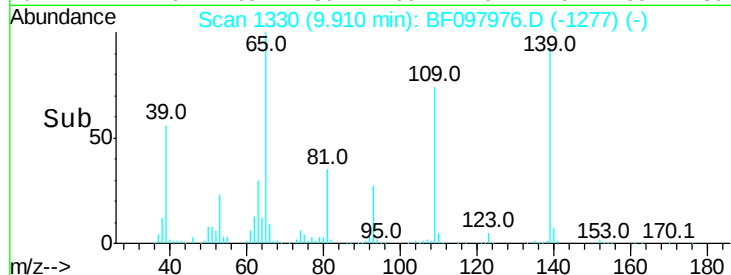
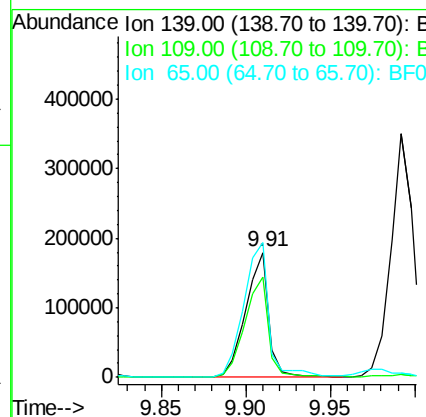
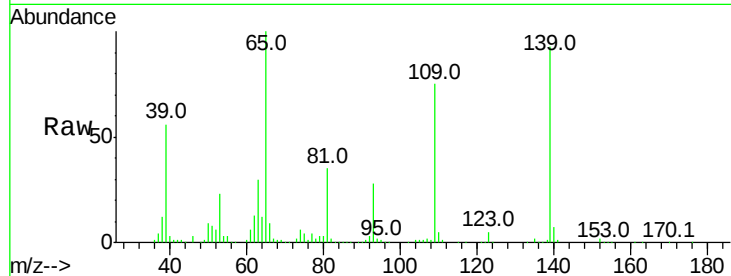
#55
 4-Nitrophenol
 Concen: 52.883 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	80.2	34.1	74.1#	
65	107.6	31.4	71.4#	

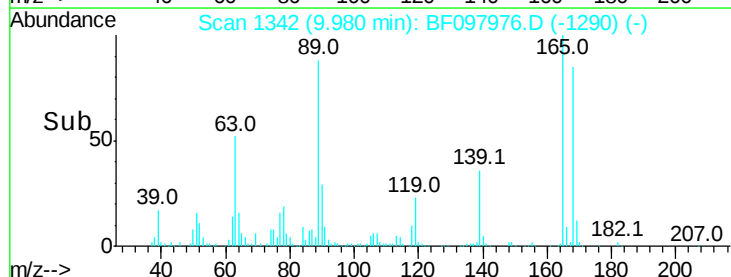
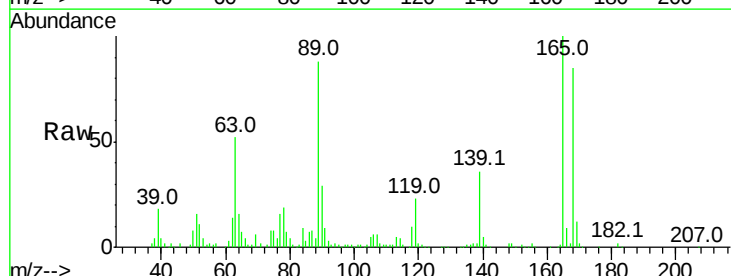
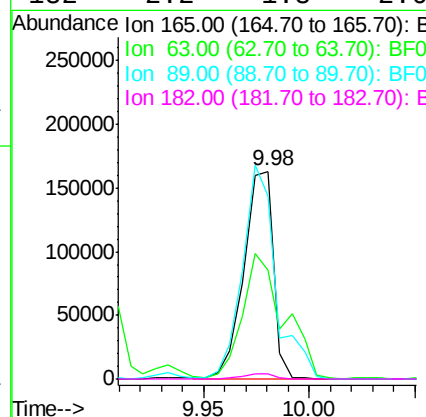
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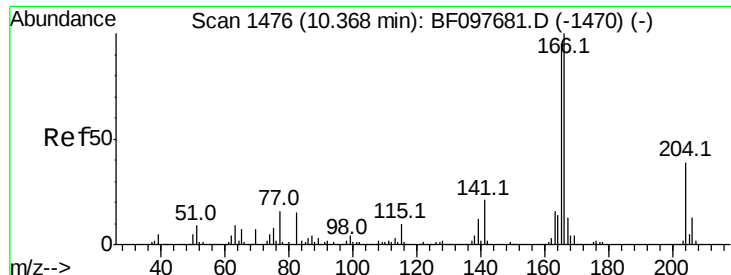
Sohil
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#56
 2,4-Dinitrotoluene
 Concen: 40.009 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.2	25.4	38.0#	
89	88.4	46.4	69.6#	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 40.155 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:166 Resp: 599584

Ion Ratio Lower Upper

166 100

165 95.6 78.8 118.2

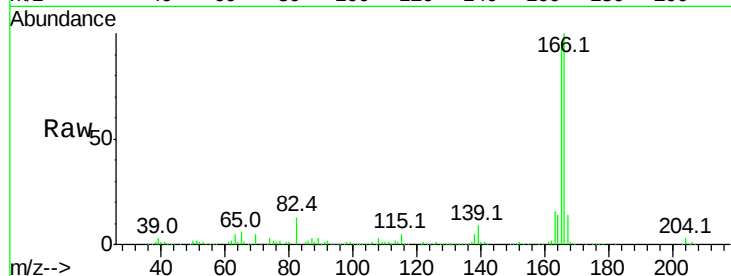
167 13.6 10.6 16.0

Manual Integrations

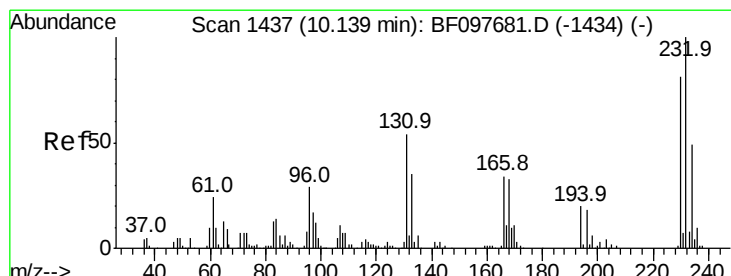
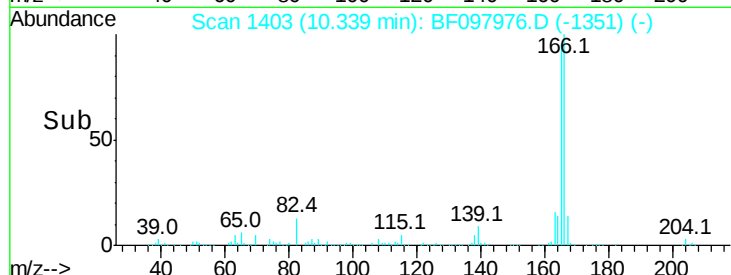
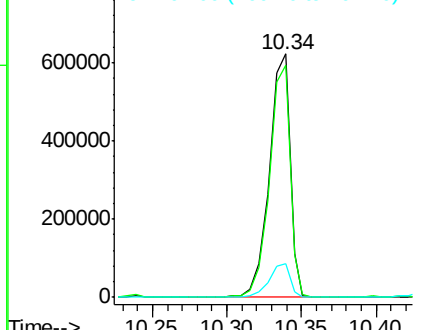
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.827 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:232 Resp: 122439

Ion Ratio Lower Upper

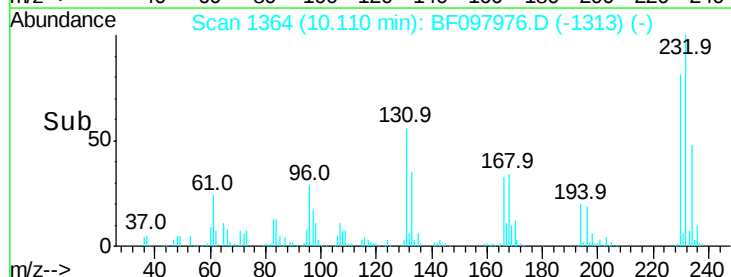
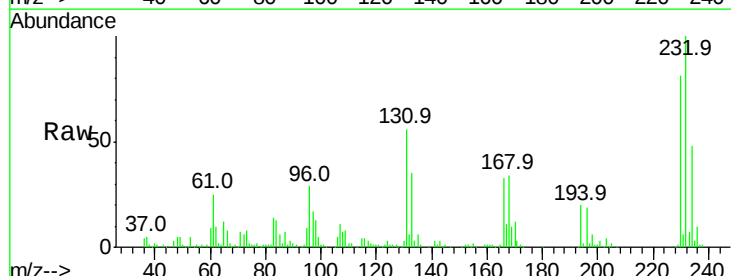
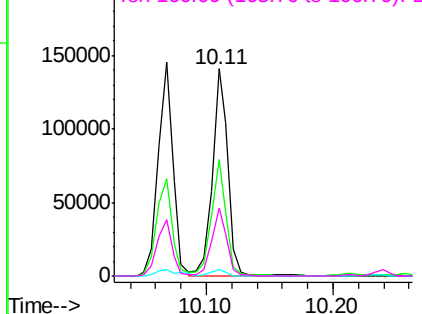
232 100

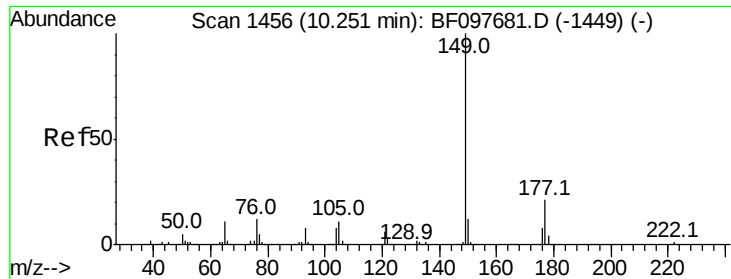
131 51.9 44.8 67.2

130 3.0 2.3 3.5

166 32.3 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





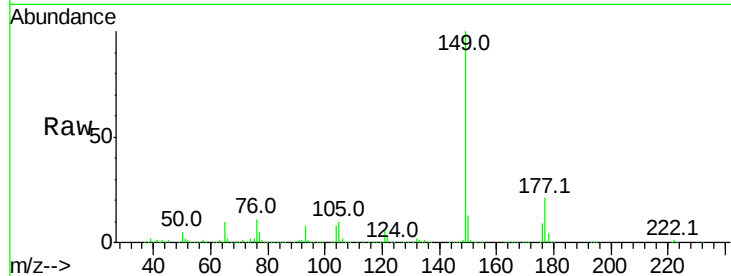
#59
Diethylphthalate
Concen: 42.780 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-5-6MSD

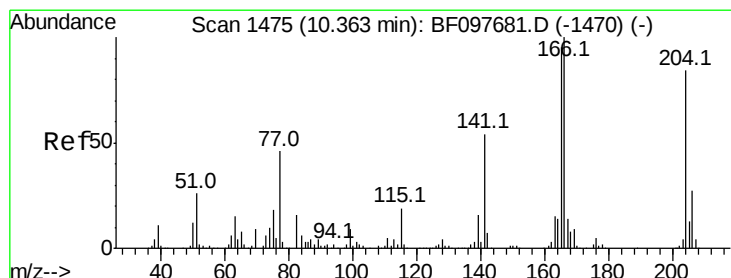
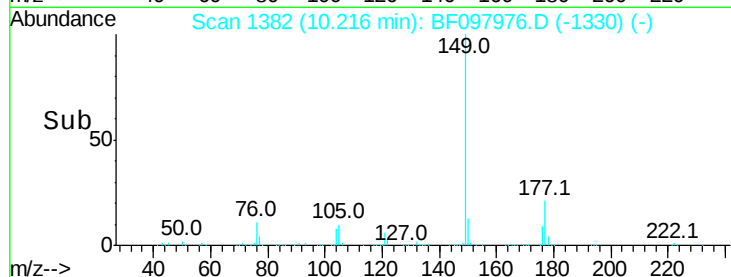
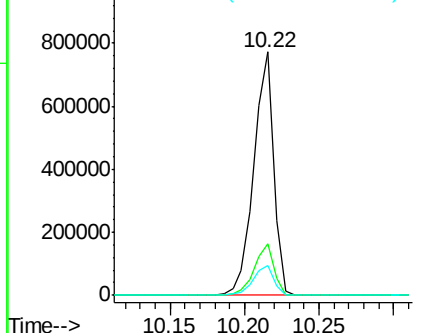
Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.5	10.2	15.2

Manual Integrations
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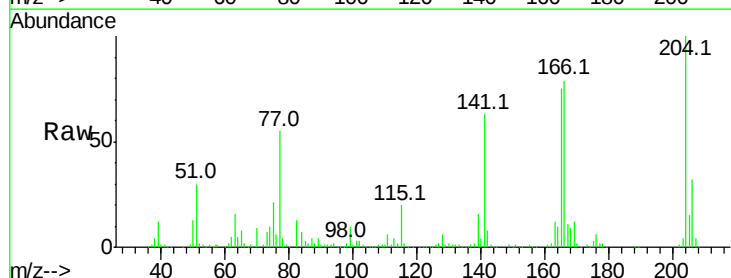


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

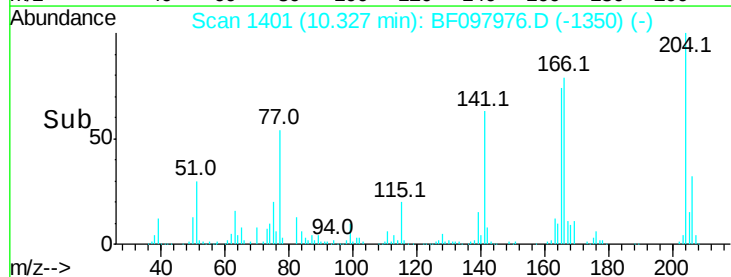
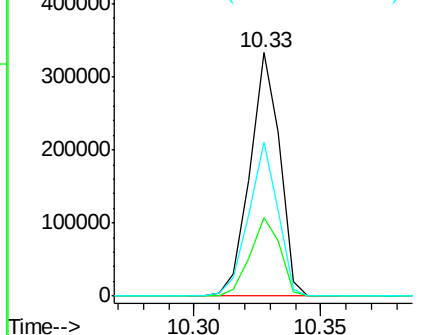


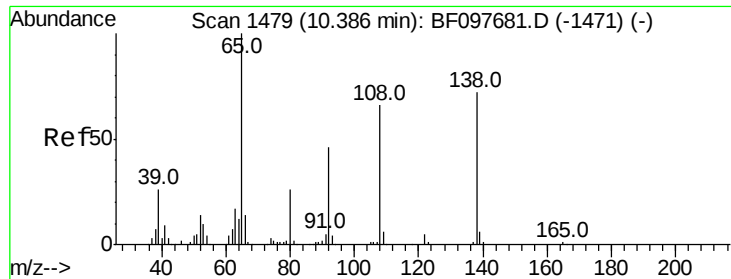
#60
4-Chlorophenyl-phenylether
Concen: 39.249 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.3	26.2	39.2
141	63.4	60.8	91.2



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





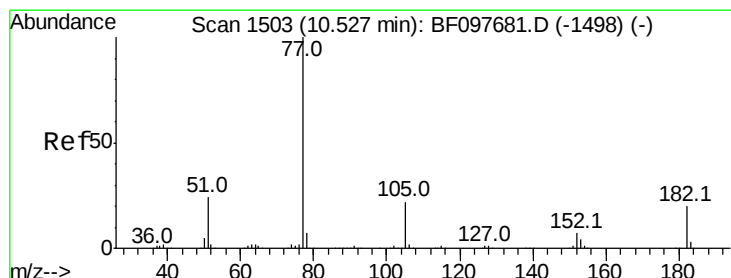
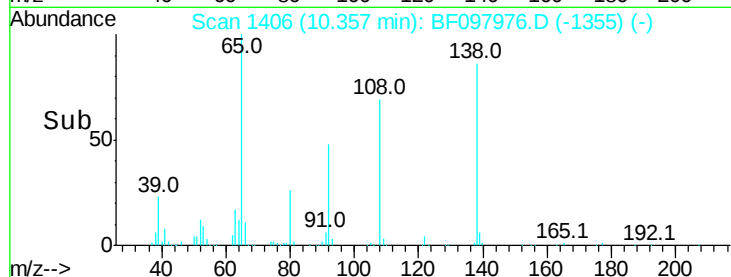
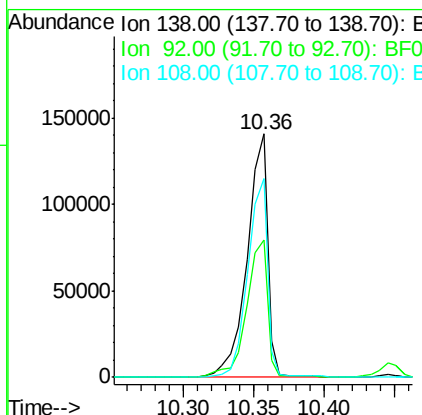
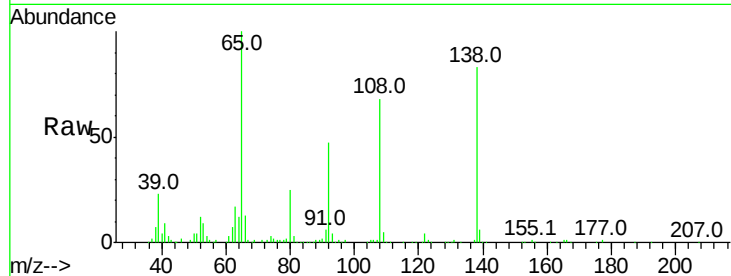
#61
4-Nitroaniline
Concen: 37.345 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.4	21.8	61.8
108	81.6	42.3	82.3

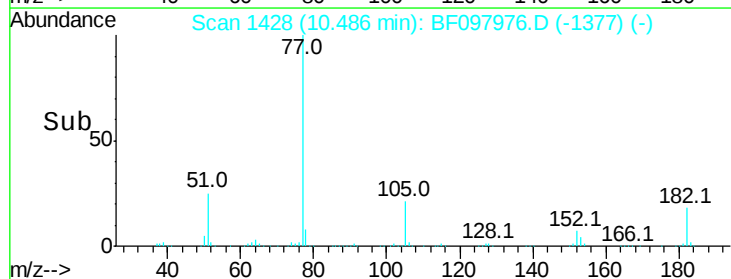
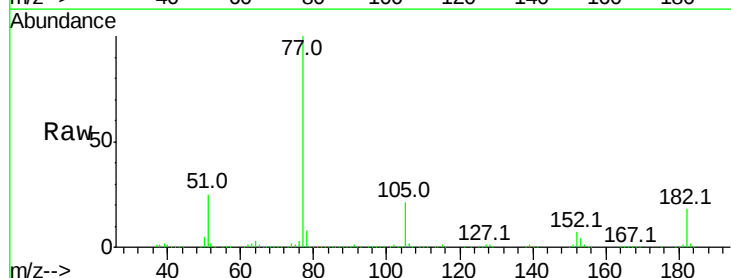
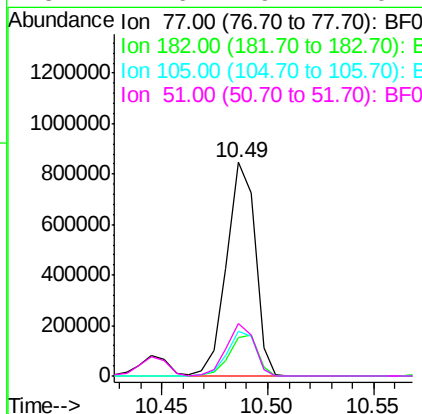
Manual Integrations
APPROVED

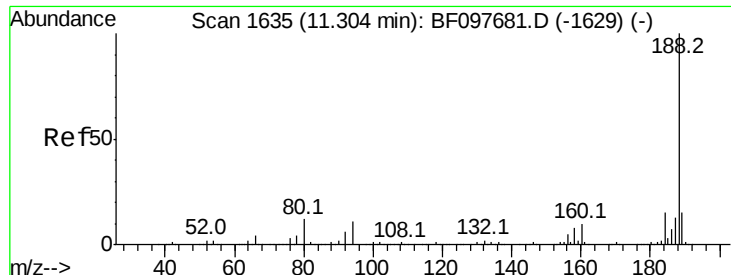
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#62
Azobenzene
Concen: 40.192 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.0	0.1	40.1
105	20.9	3.6	43.6
51	24.6	9.4	49.4





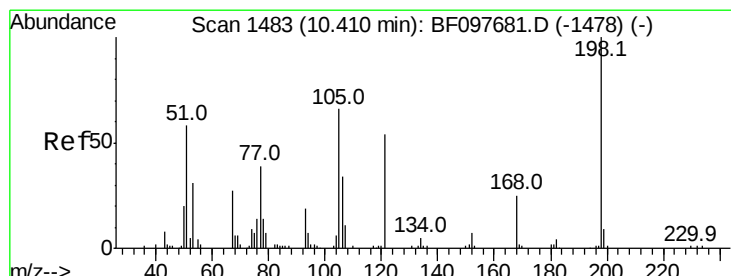
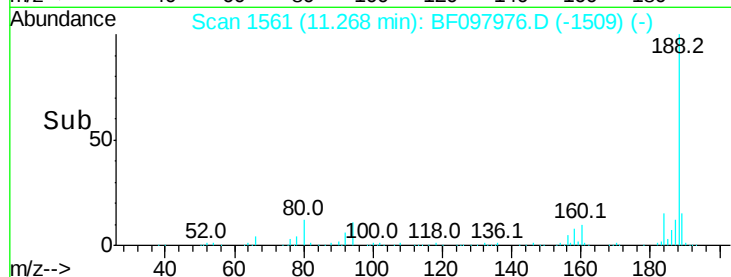
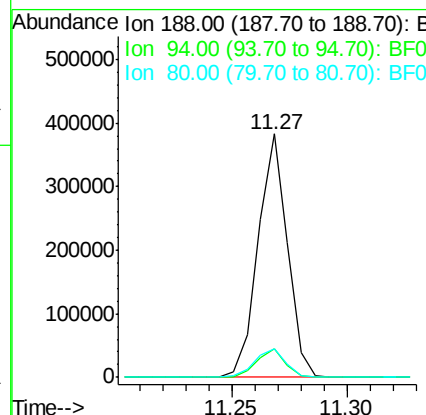
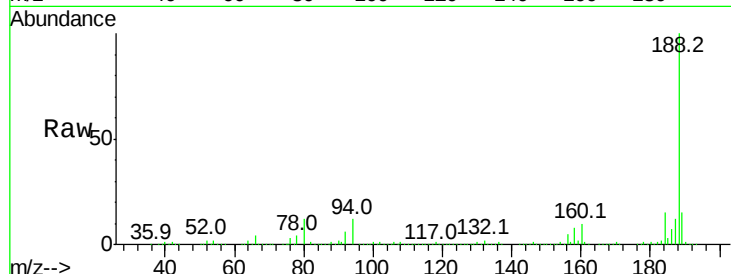
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-5-6MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	11.5	9.4	14.2
80	11.8	10.2	15.2

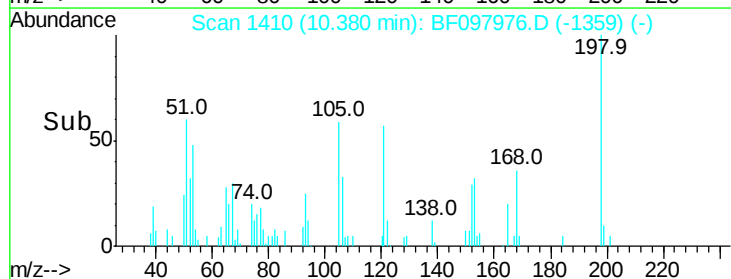
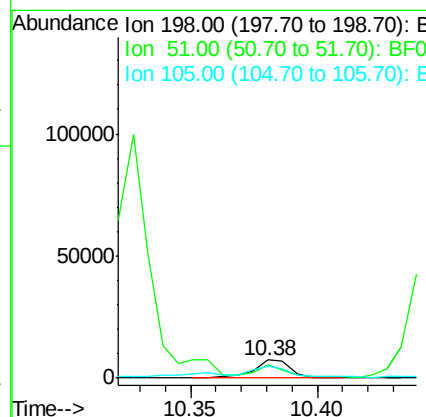
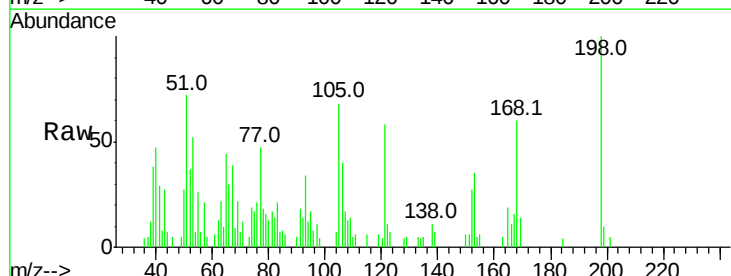
Manual Integrations
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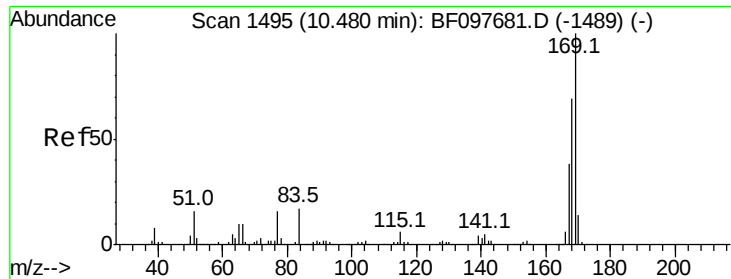
Sohil
8/23/2017 3:03:56 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 12.138 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	72.5	53.2	93.2
105	67.9	45.8	85.8





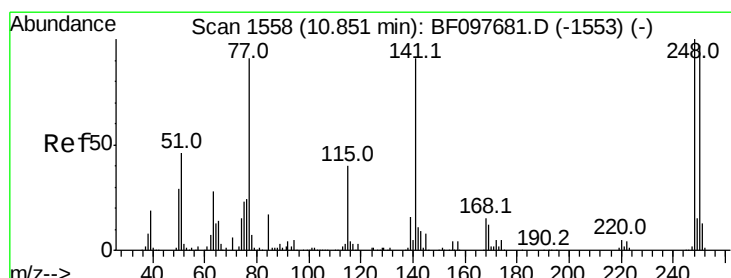
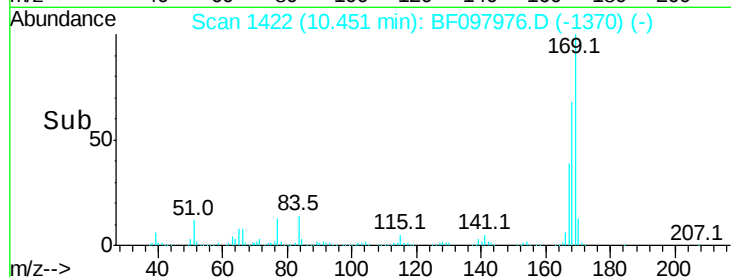
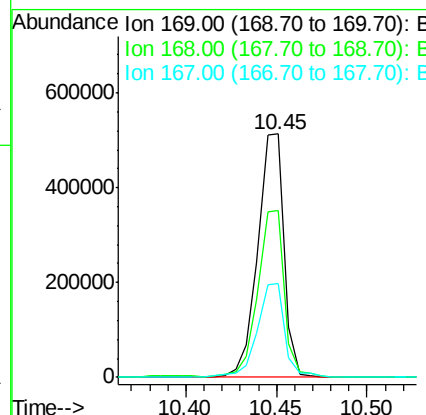
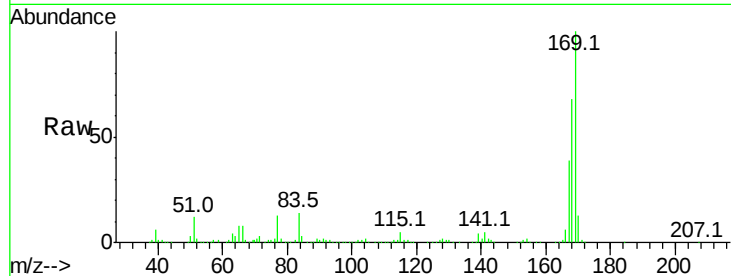
#65
 n-Nitrosodiphenylamine
 Concen: 44.763 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	518427		
168	68.3	53.2	79.8	
167	38.6	29.5	44.3	

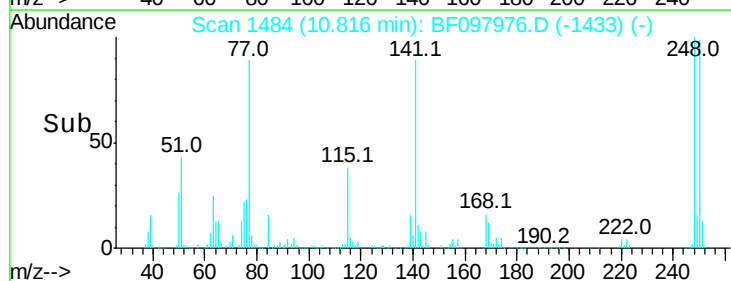
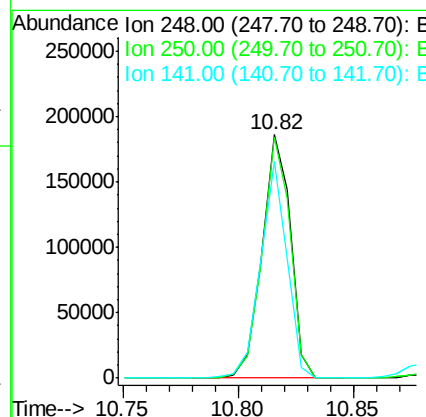
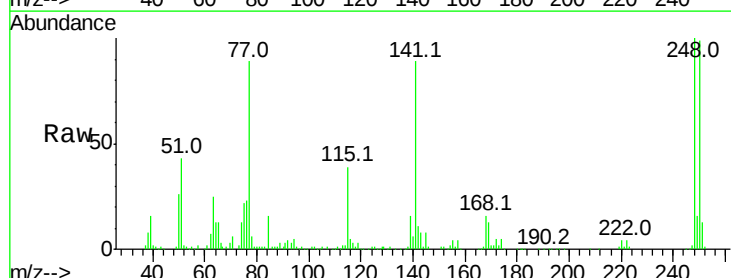
Manual Integrations
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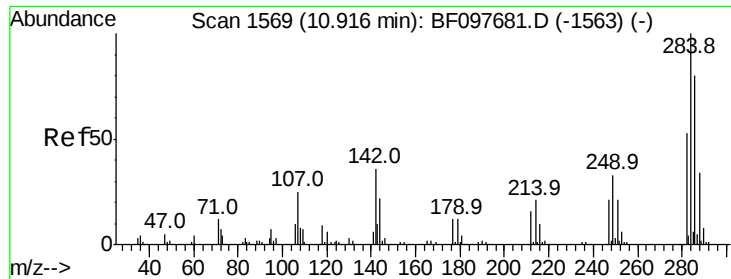
Sohil
 8/23/2017 3:03:56 PM



#66
 4-Bromophenyl-phenylether
 Concen: 45.441 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	160489		
250	98.8	76.8	115.2	
141	89.2	68.6	103.0	





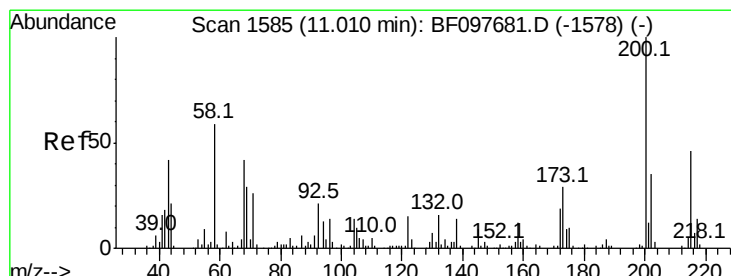
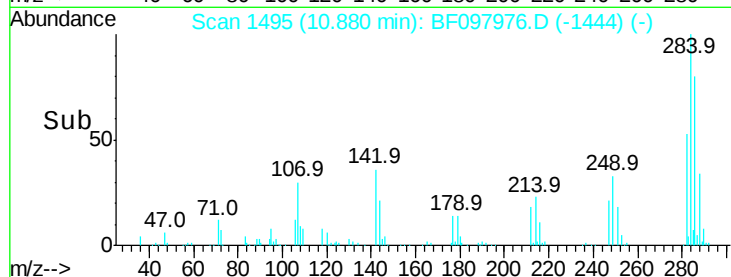
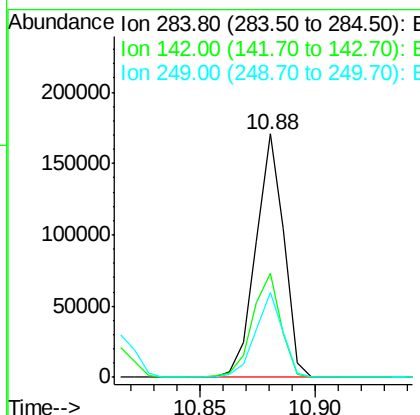
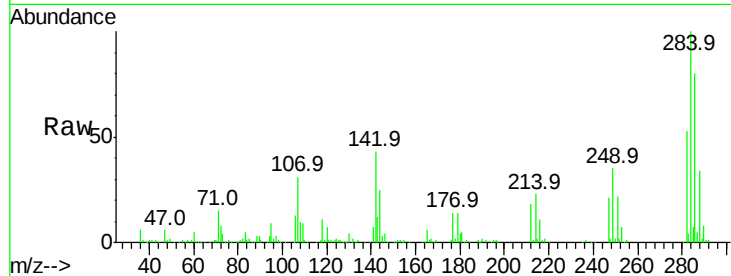
#67
Hexachlorobenzene
Concen: 40.332 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	43.0	22.8	34.2#
249	34.8	24.0	36.0

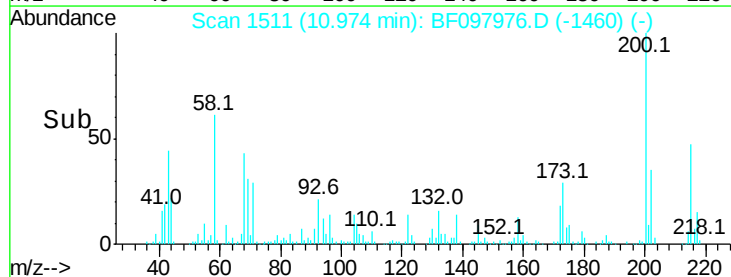
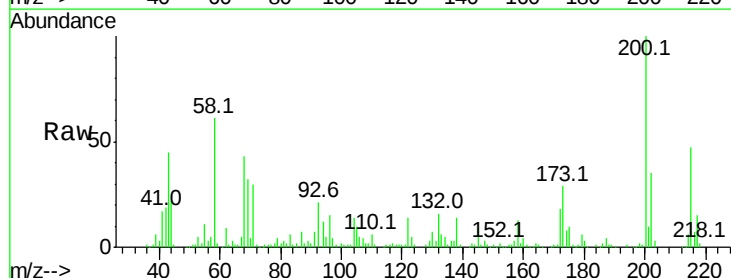
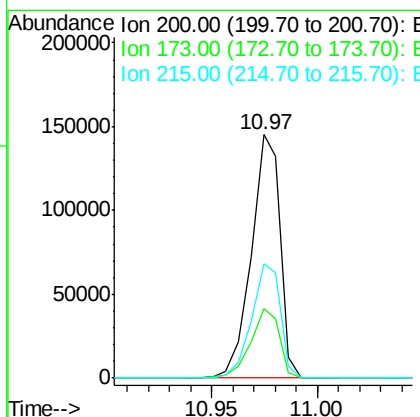
Manual Integrations
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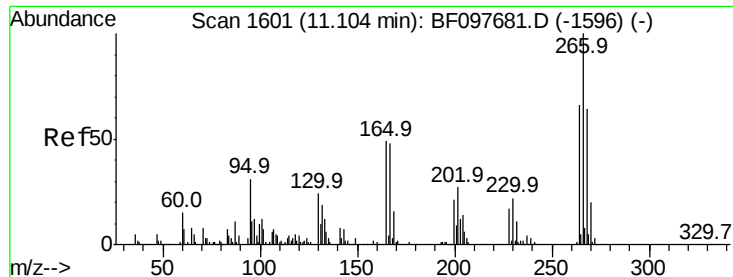
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#68
Atrazine
Concen: 44.728 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	6.3	46.3
215	46.8	27.2	67.2





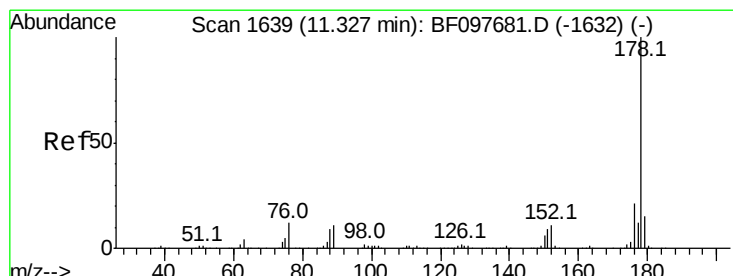
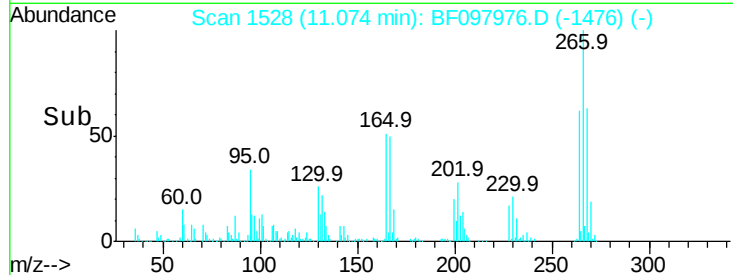
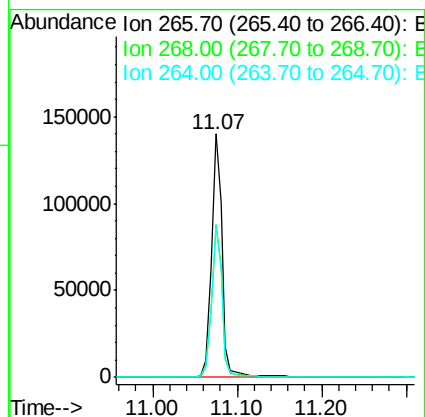
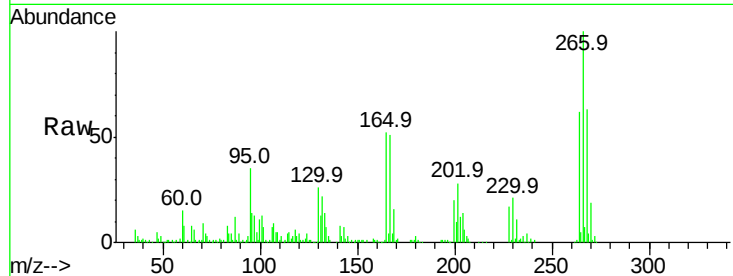
#69
 Pentachlorophenol
 Concen: 59.176 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion:	266	Resp:	124206
Ion Ratio	Lower	Upper	
266	100		
268	62.5	51.1	76.7
264	62.0	51.7	77.5

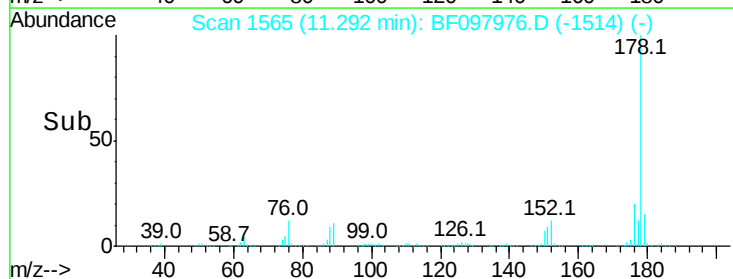
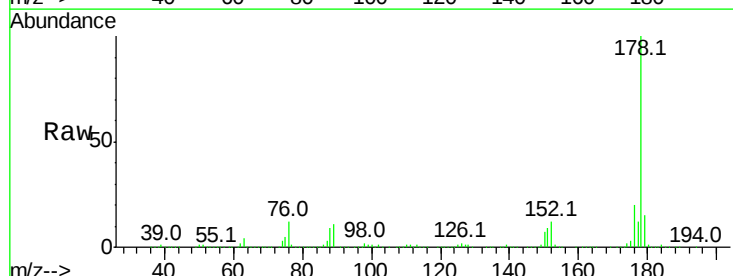
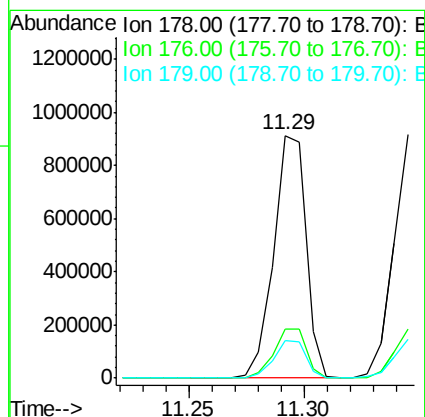
Manual Integrations
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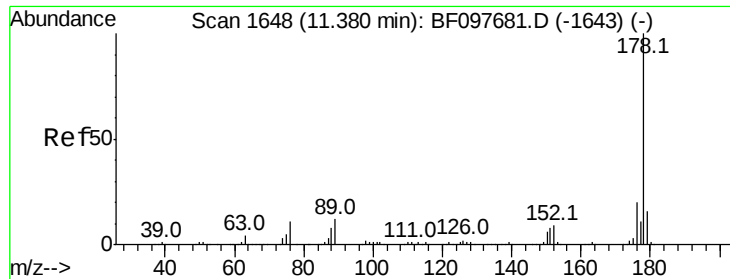
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#70
 Phenanthrene
 Concen: 48.943 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:	178	Resp:	887006
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.2	24.4
179	15.5	12.6	19.0





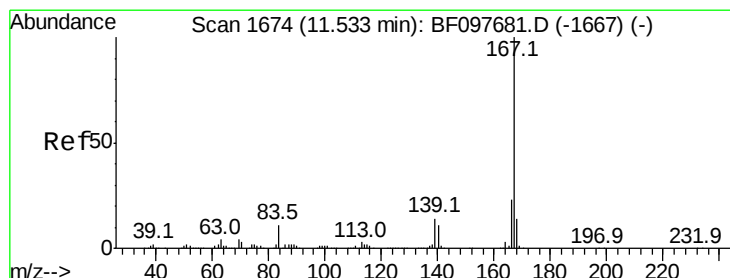
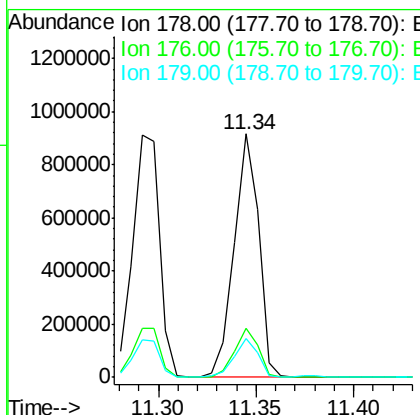
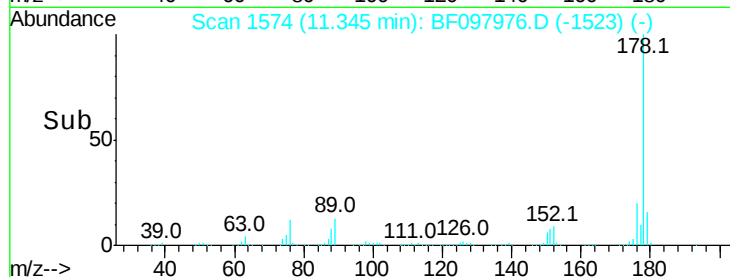
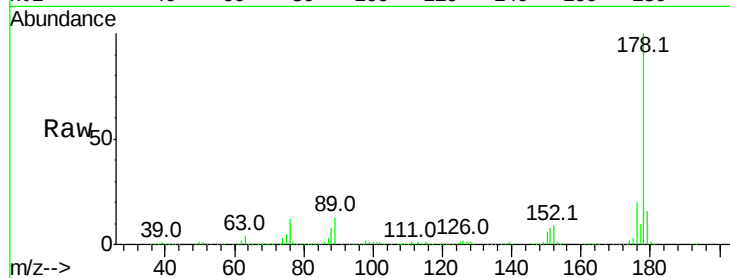
#71
 Anthracene
 Concen: 43.664 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.7	12.7	19.1

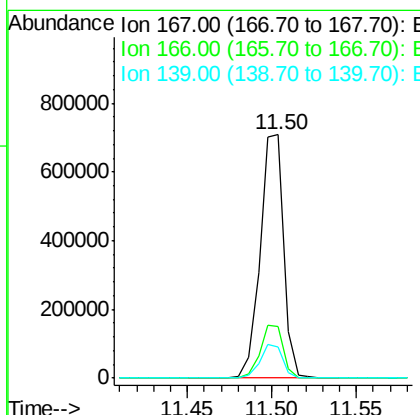
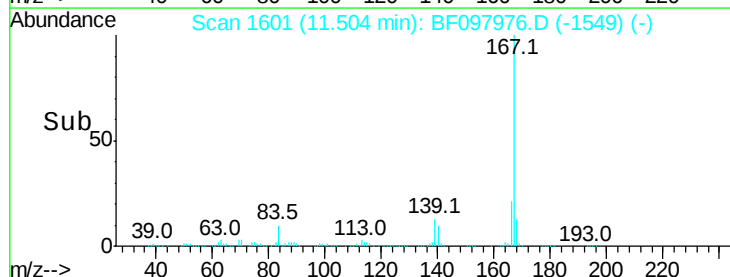
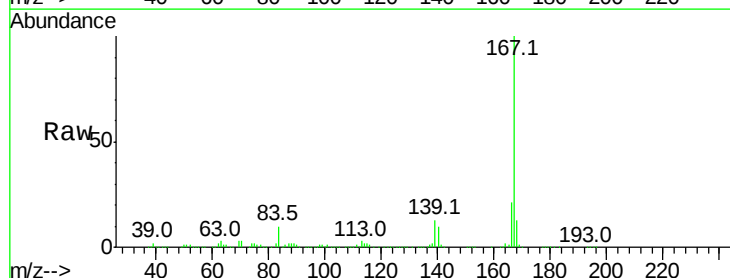
Manual Integrations
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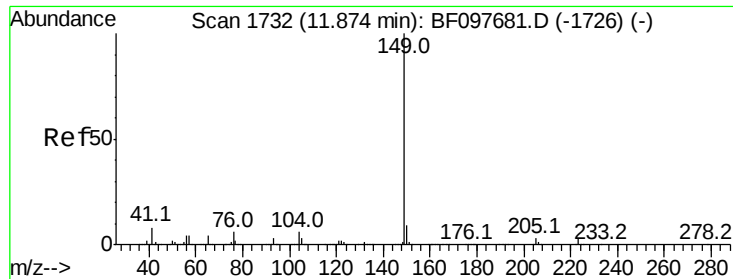
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#72
 Carbazole
 Concen: 39.164 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	12.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 48.326 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

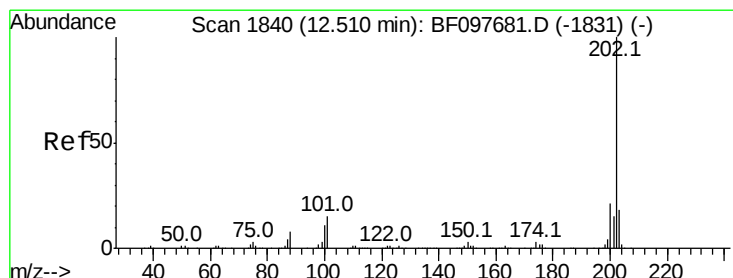
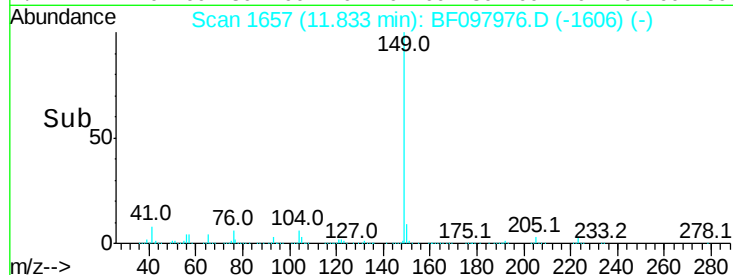
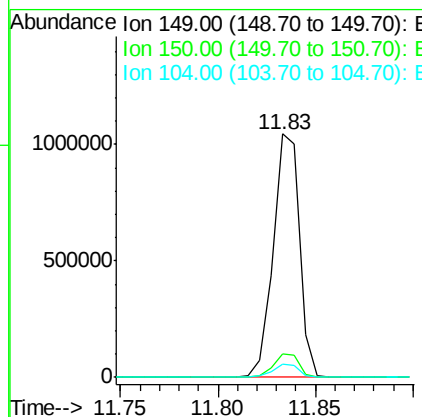
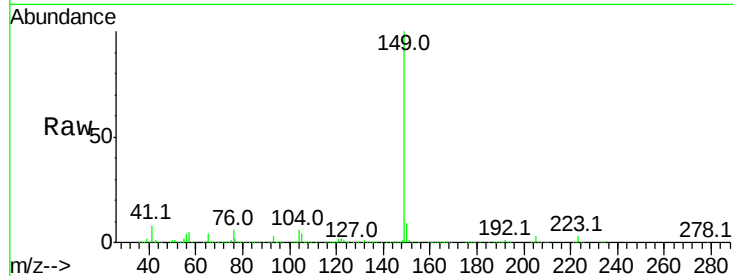
ClientSampleId :

SP-5-6MSD

Tot Ion:	149	Resp:	971267
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	5.6	4.0	6.0

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#74

Fluoranthene

Concen: 48.281 ng

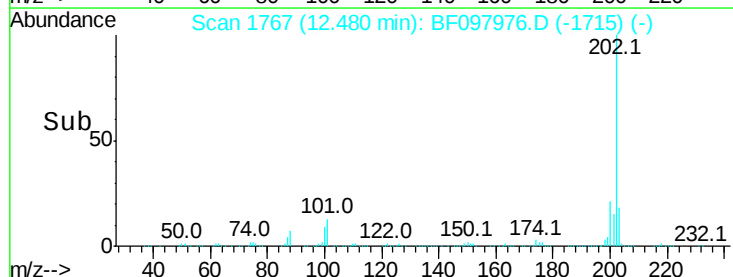
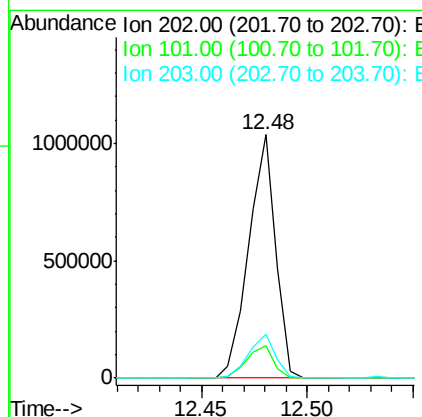
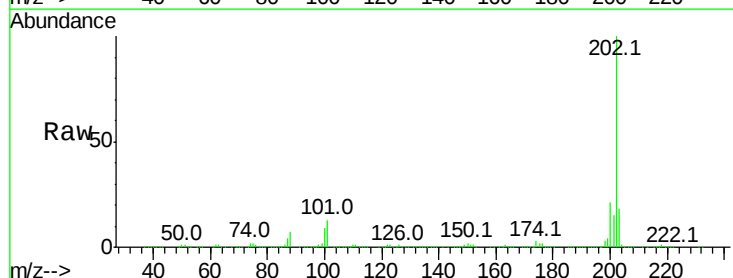
RT: 12.48 min Scan# 1767

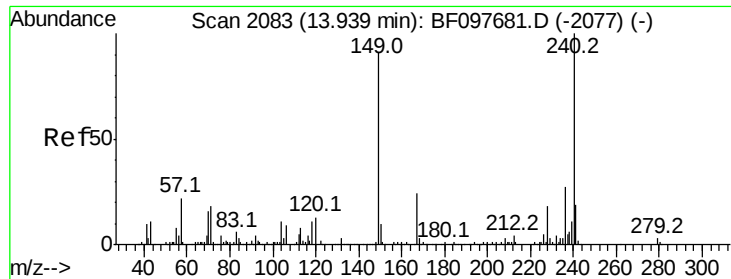
Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	202	Resp:	913316
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

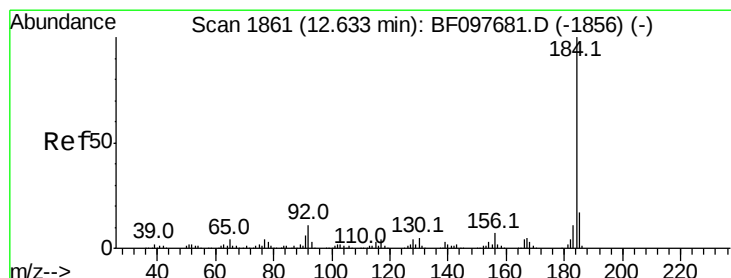
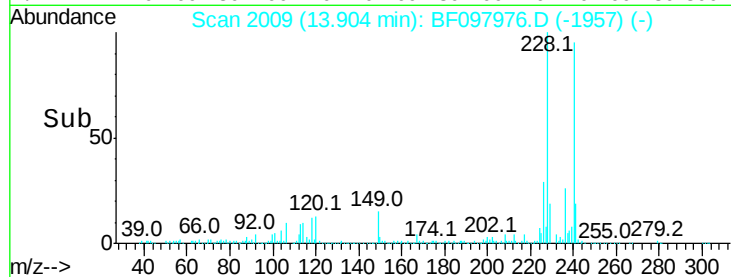
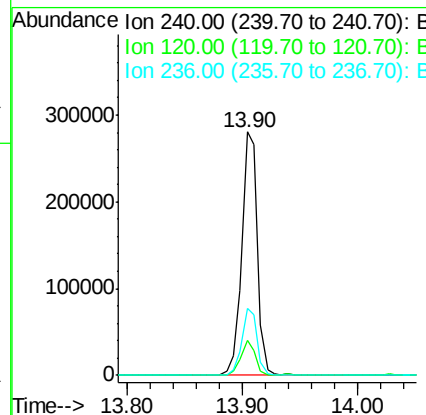
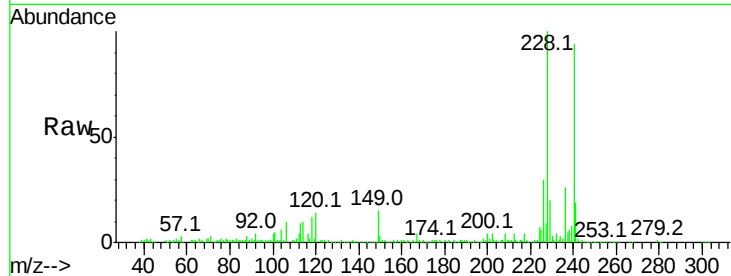
ClientSampleId :

SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	5.8	8.8#
236	27.5	20.5	30.7

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#76

Benzidine

Concen: 37.204 ng

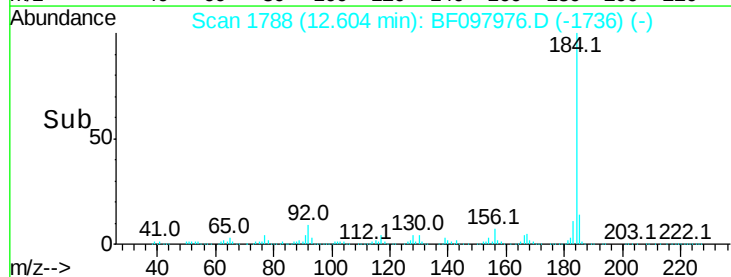
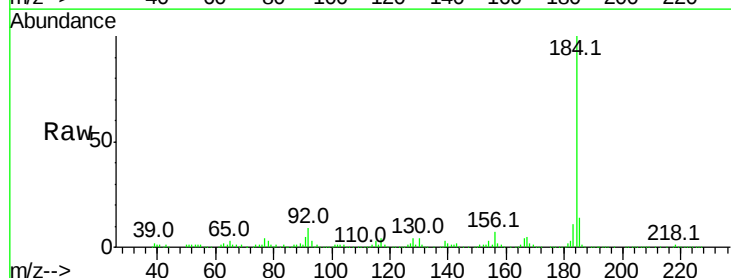
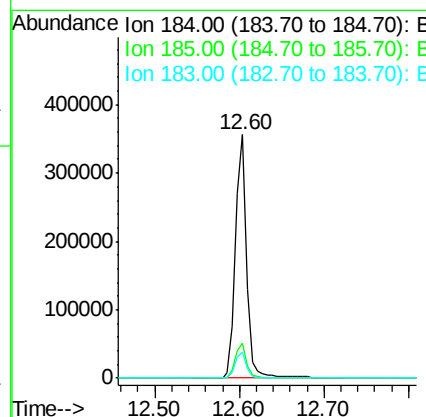
RT: 12.60 min Scan# 1788

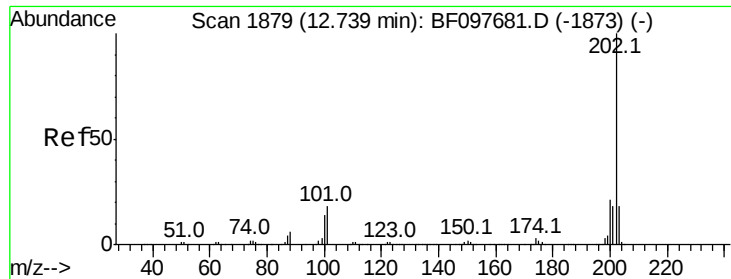
Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	15.5	23.3#
183	10.7	9.8	14.6





#77

Pvrene

Concen: 44.882 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

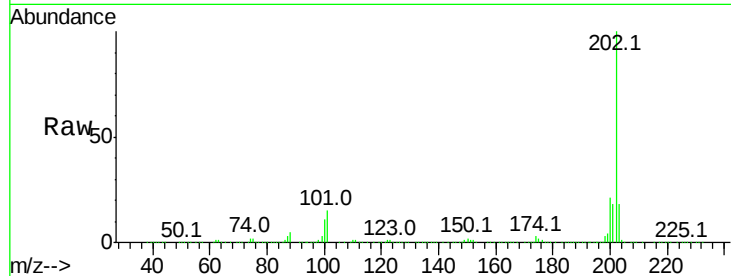
ClientSampled :

SP-5-6MSD

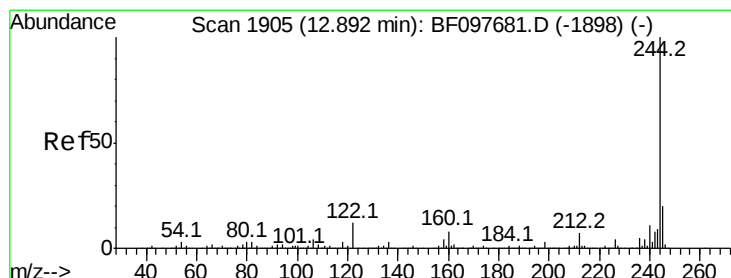
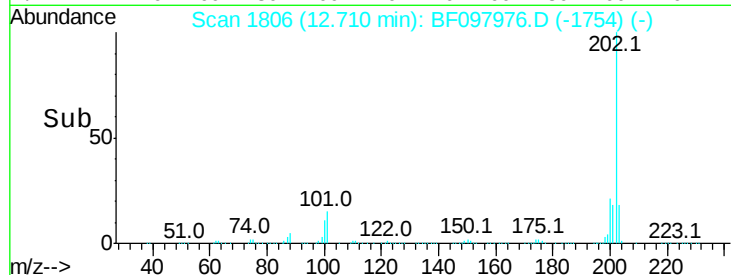
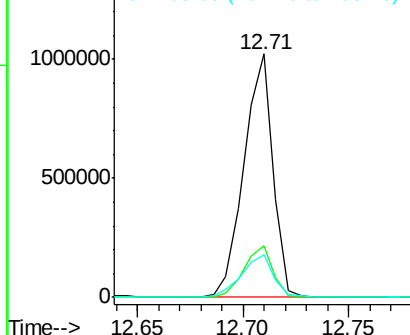
Tot Ion:	202	Resp:	970300
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	17.7	14.4	21.6

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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: 59.242 ng

RT: 12.85 min Scan# 1830

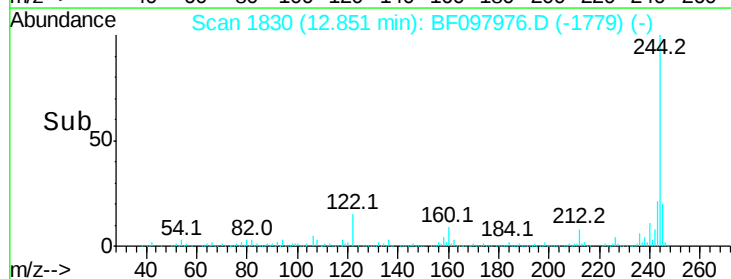
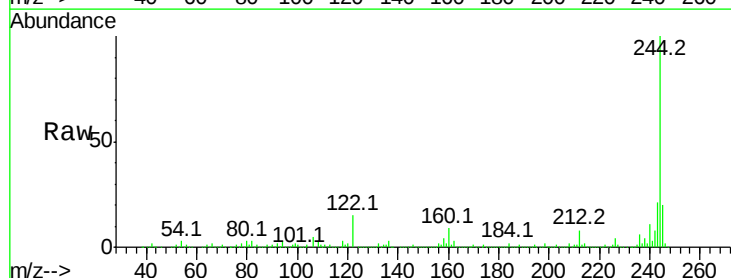
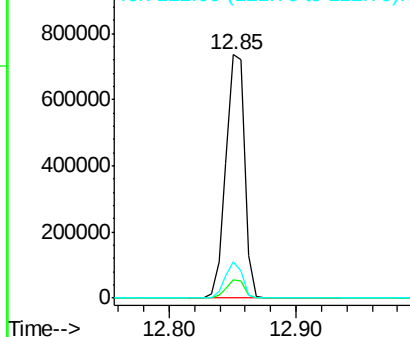
Delta R.T. -0.00 min

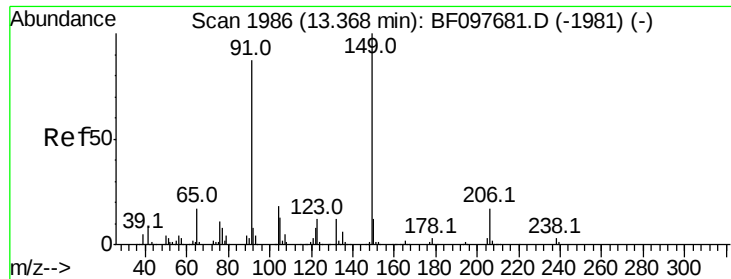
Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	244	Resp:	750934
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	14.7	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





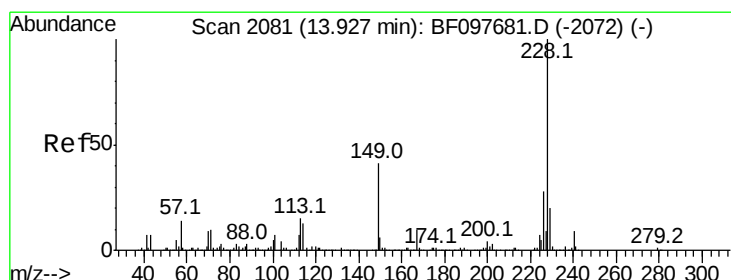
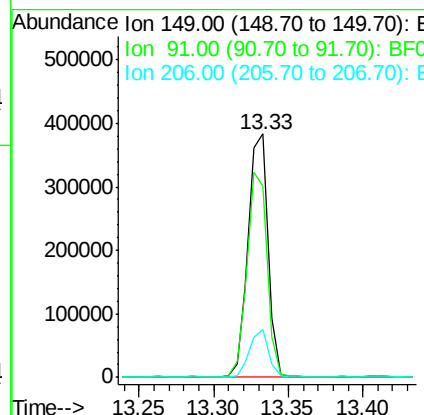
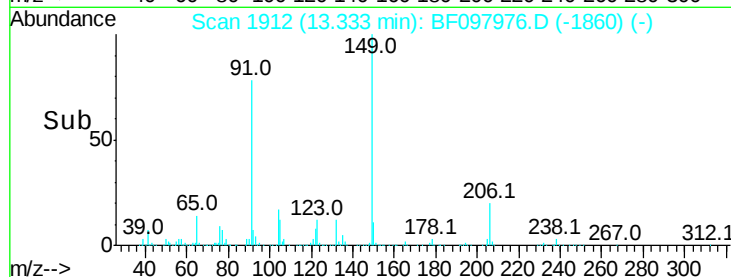
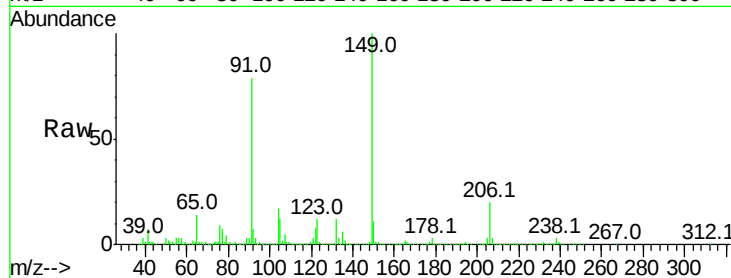
#79
Butylbenzylphthalate
Concen: 42.807 ng
RT: 13.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.6	45.0	67.4#
206	19.7	17.0	25.6

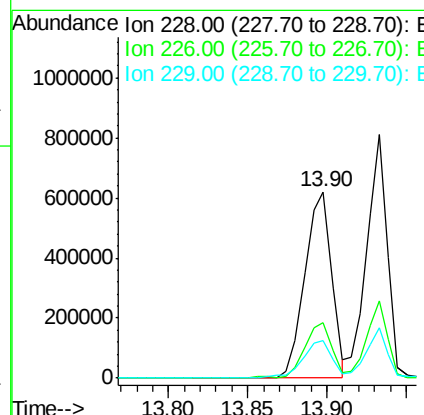
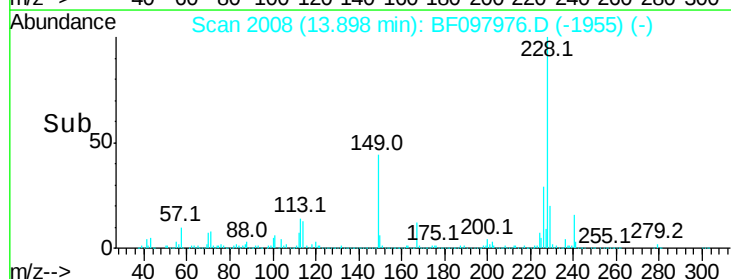
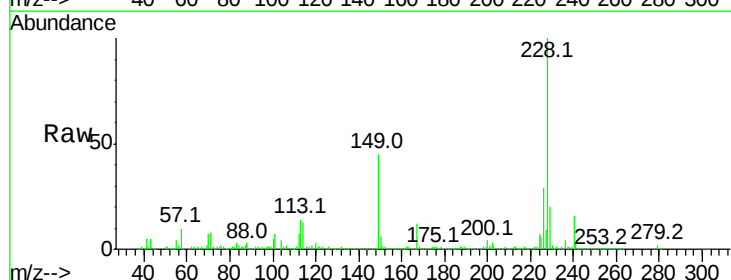
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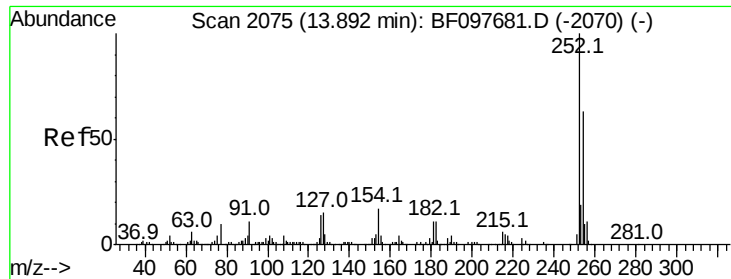
Sohil
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#80
Benzo(a)anthracene
Concen: 45.571 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.6	33.8
229	20.5	16.3	24.5





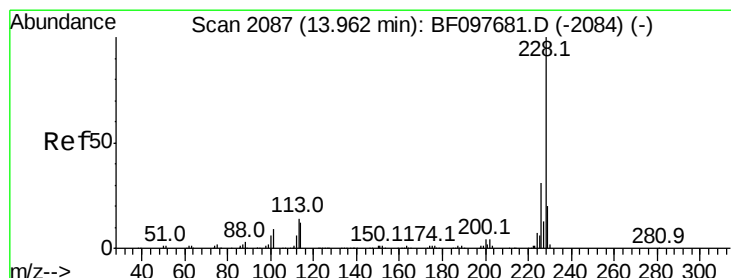
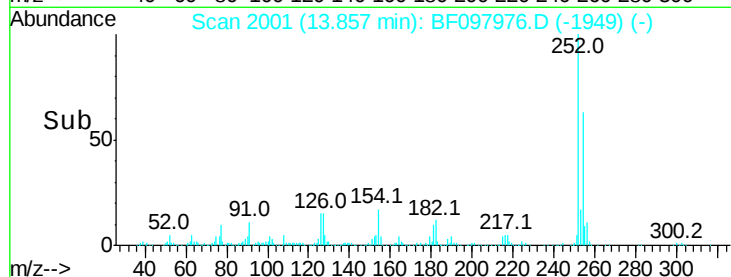
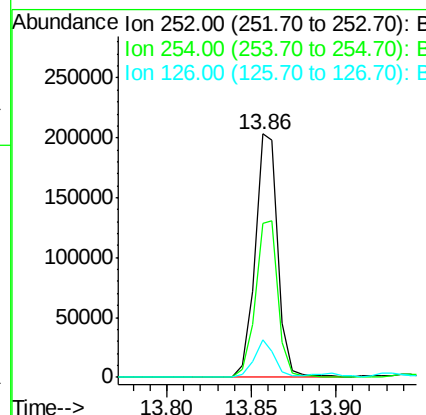
#81
 3,3'-Dichlorobenzidine
 Concen: 35.900 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.2	51.5	77.3
126	15.5	15.8	23.8

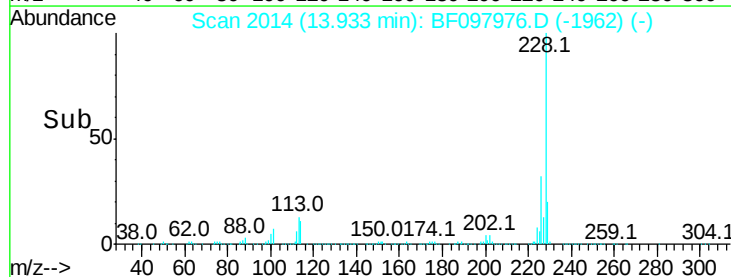
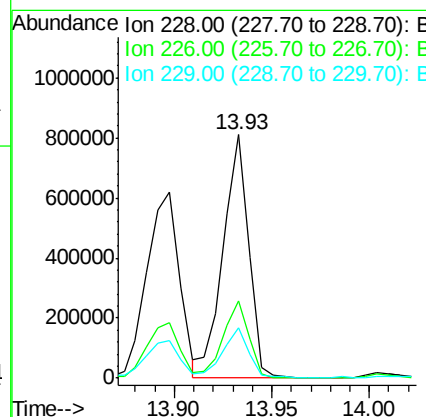
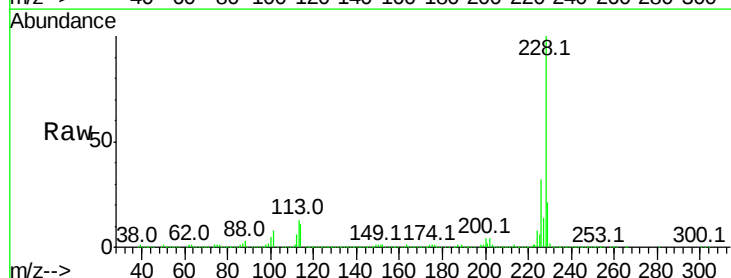
Manual Integrations
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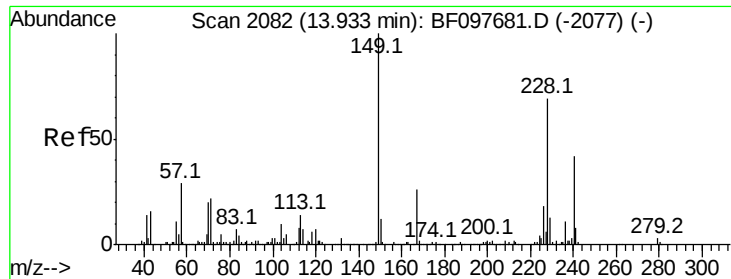
Sohil
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#82
 Chrysene
 Concen: 46.423 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.9	24.9	37.3
229	20.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.681 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

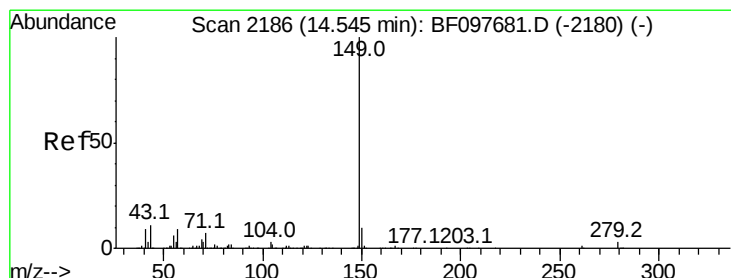
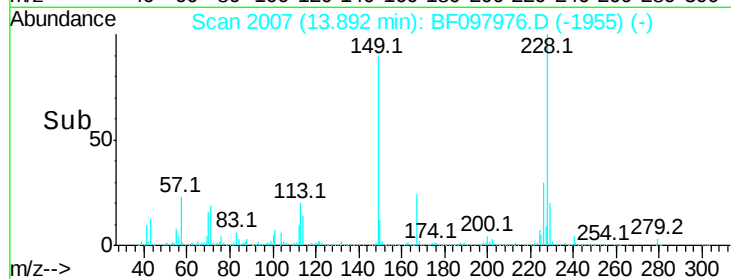
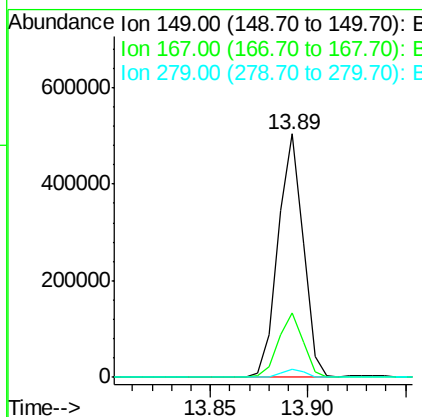
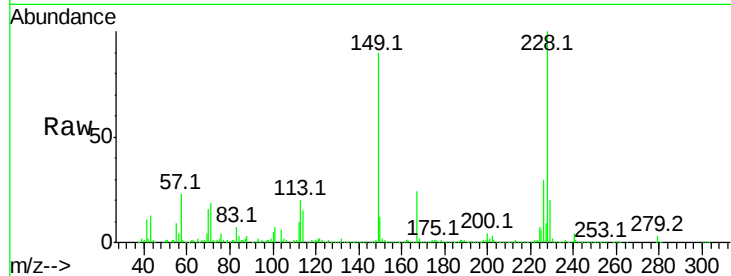
ClientSampleId :

SP-5-6MSD

Tot Ion:	149	Resp:	447134
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.0	31.4
279	3.1	1.9	2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 55.431 ng

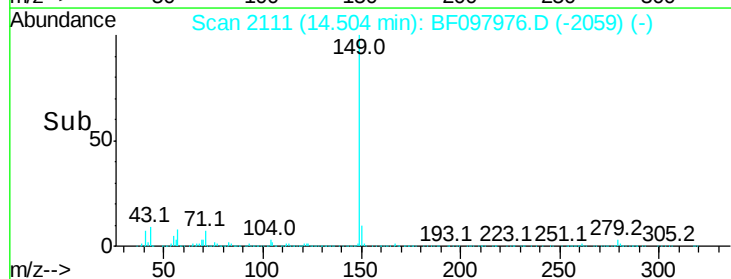
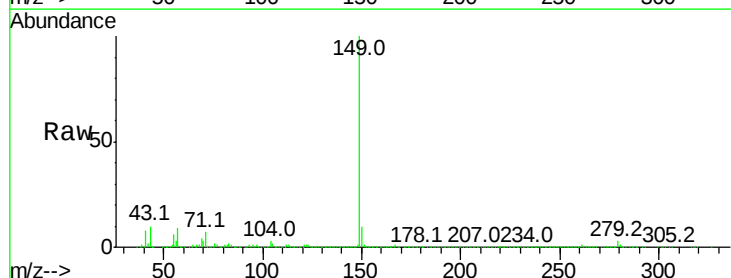
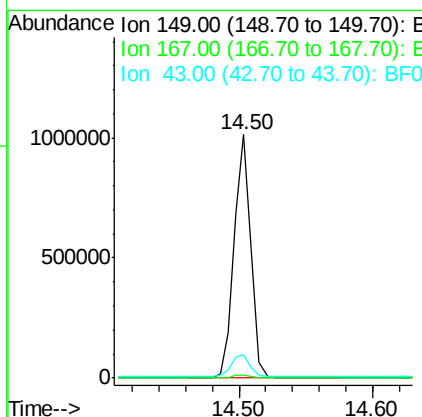
RT: 14.50 min Scan# 2111

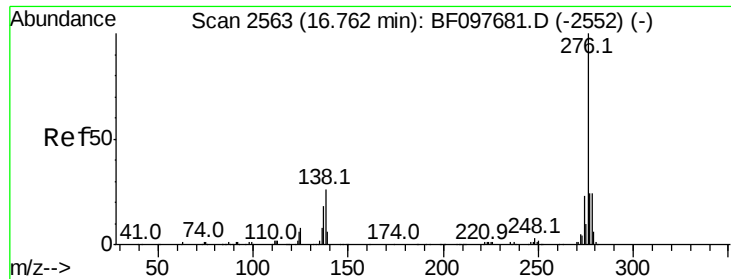
Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:	149	Resp:	885869
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.5	8.5	12.7





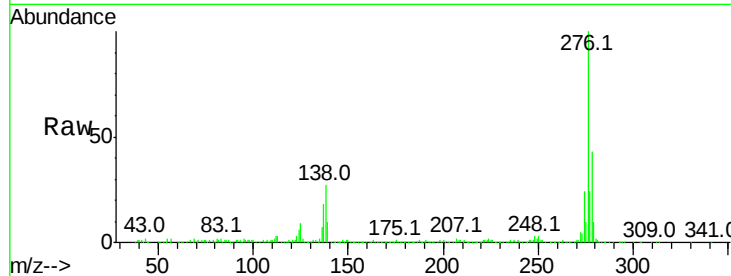
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.698 ng
RT: 16.72 min Scan# 2487
Delta R.T. 0.03 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.9	20.2	30.4

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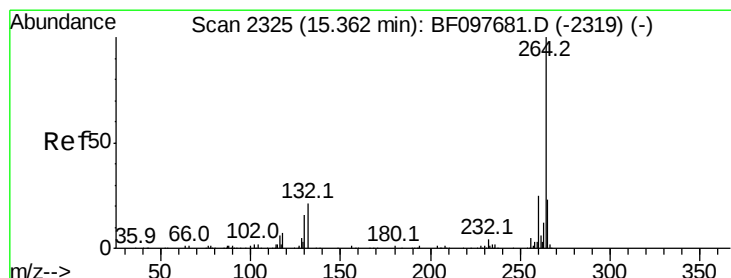
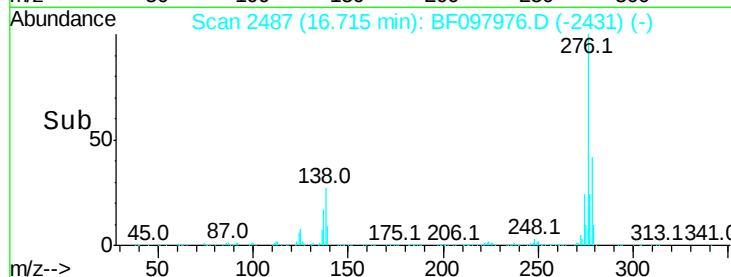
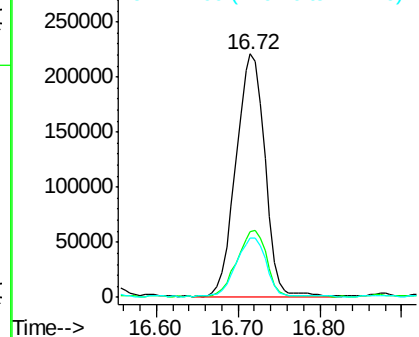


Abundance

Ion 276.00 (275.70 to 276.70): E

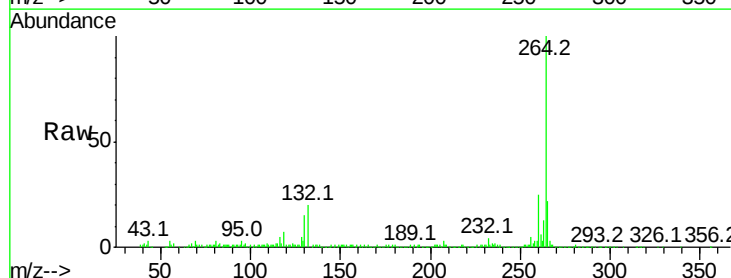
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.2	25.8

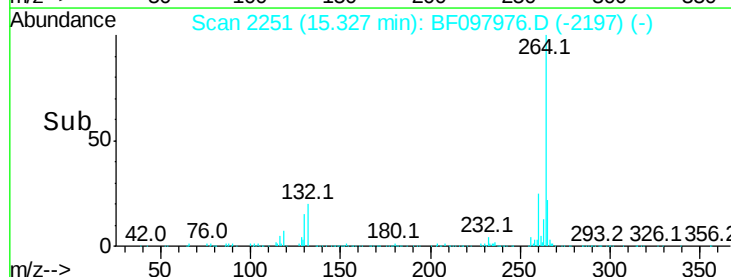
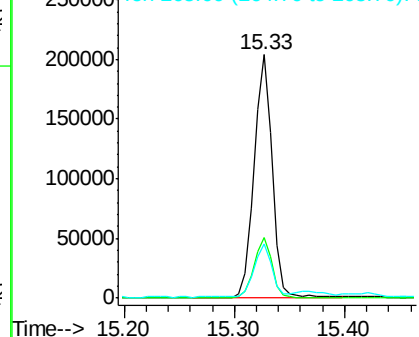


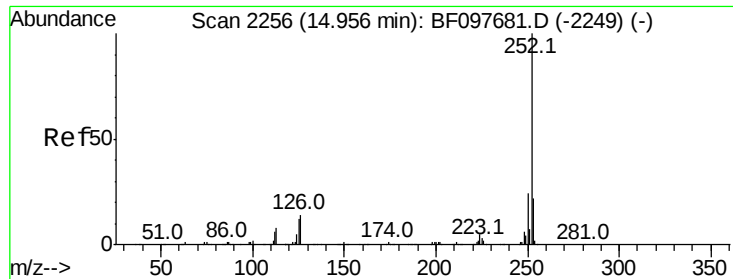
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 55.783 ng

RT: 14.92 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

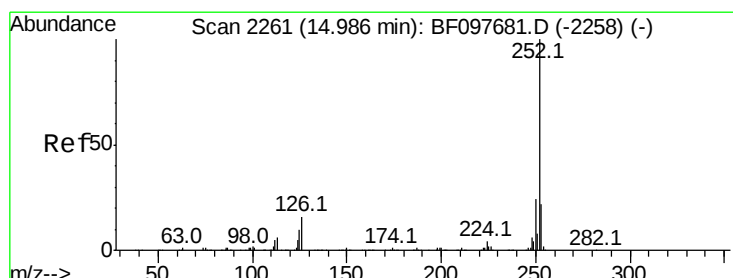
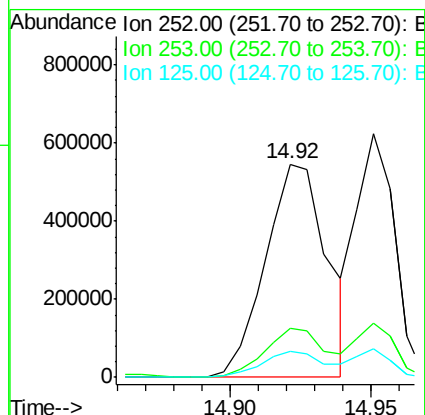
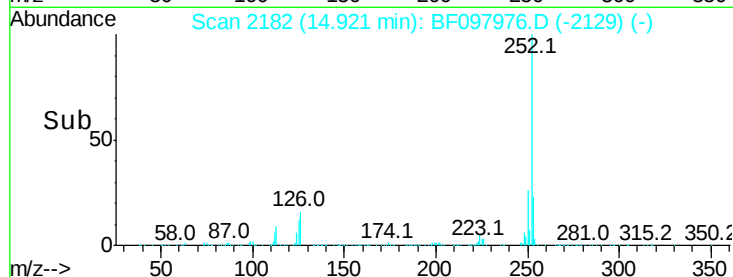
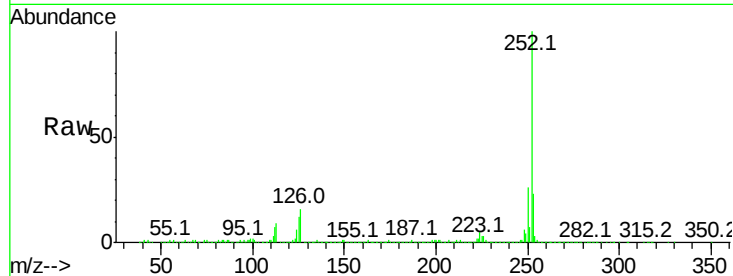
ClientSampleId :

SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 42.223 ng m

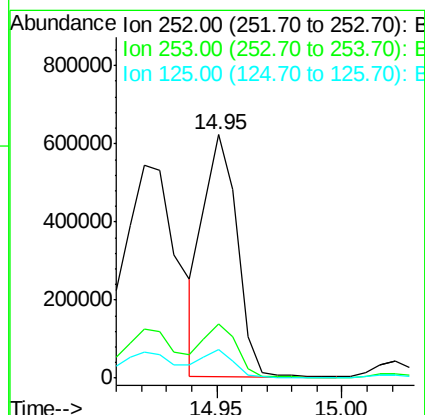
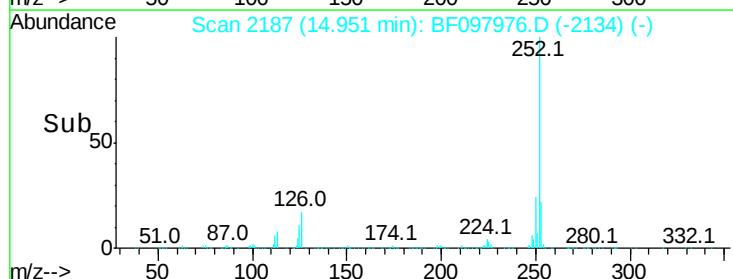
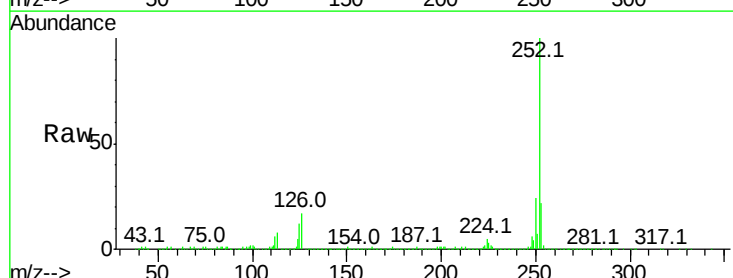
RT: 14.95 min Scan# 2187

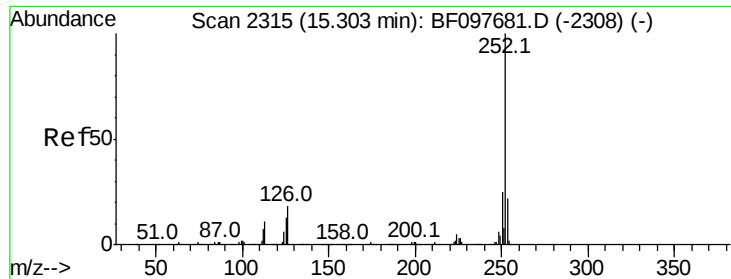
Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	11.8	13.1	19.7#





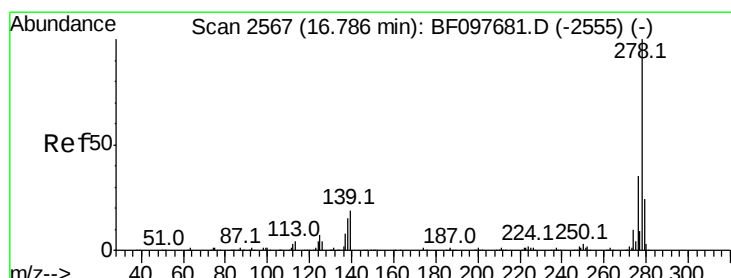
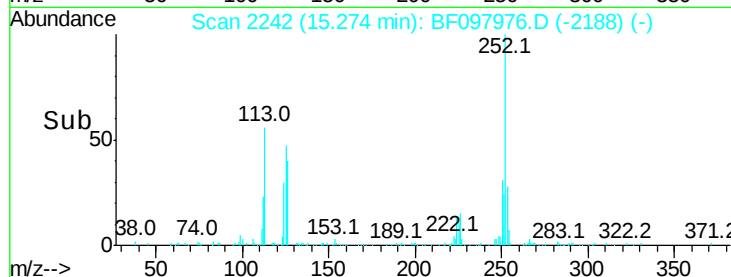
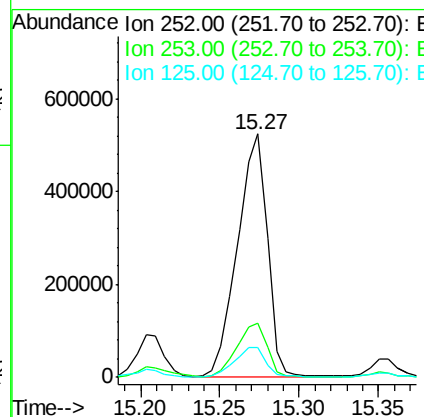
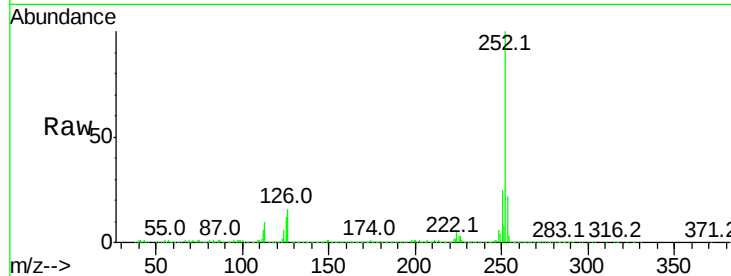
#89
Benzo(a)pyrene
Concen: 52.061 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.1	11.0	16.4

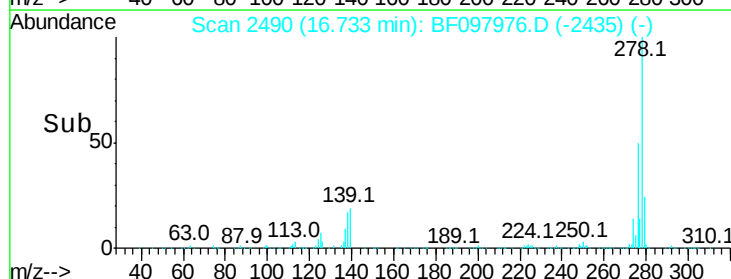
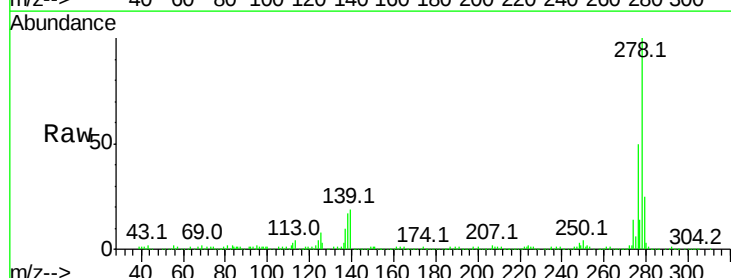
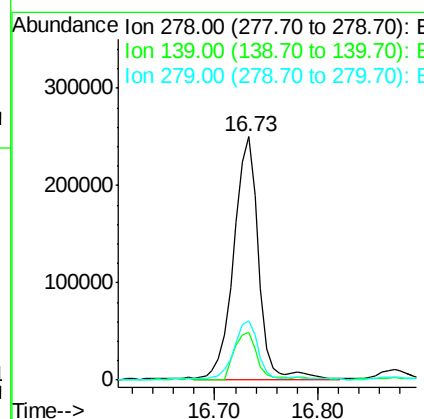
Manual Integrations
APPROVED

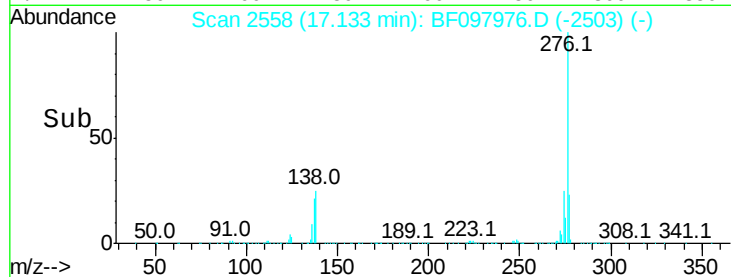
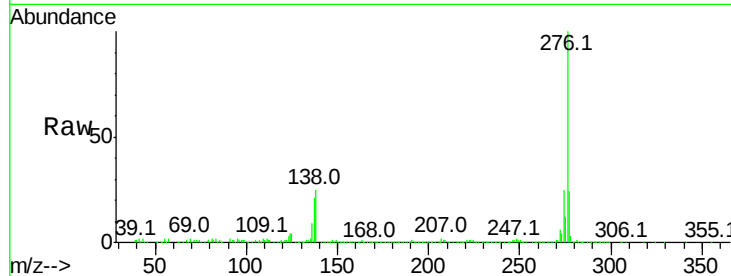
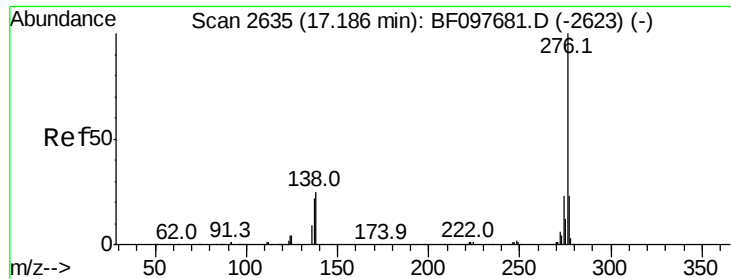
Sohil
8/23/2017 3:03:56 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.722 ng m
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	24.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.450 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:	276	Resp:	450259
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.6	28.0
138	25.3	25.4	38.0#

Manual Integrations
APPROVED

Sohil
8/23/2017 3:03:56 PM

