

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097765.D
 Acq On : 17 Aug 2017 4:03
 Operator : SJ/JU
 Sample : I4773-04MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:58:08 PM

Quant Time: Aug 17 08:06:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142056	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	557433	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	236417	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	365170	20.00	ng	0.00
75) Chrysene-d12	13.94	240	260731	20.00	ng	0.00
86) Perylene-d12	15.37	264	237342	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1035432	110.87	ng	0.02
7) Phenol-d6	6.42	99	1397879	110.16	ng	0.01
23) Nitrobenzene-d5	7.35	82	861364	83.94	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	212790	103.73	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1167111	72.53	ng	0.00
78) Terphenyl-d14	12.89	244	595057	47.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	152939	29.364	ng	90
3) Pyridine	3.27	79	435774	30.265	ng	86
4) n-Nitrosodimethylamine	3.22	42	174580	31.511	ng	# 75
6) Aniline	6.45	93	376310m	21.110	ng	
8) 2-Chlorophenol	6.57	128	351955	35.734	ng	97
9) Benzaldehyde	6.33	77	152641	18.991	ng	90
10) Phenol	6.43	94	532738	35.897	ng	92
11) bis(2-Chloroethyl)ether	6.52	93	398589	35.584	ng	95
12) 1,3-Dichlorobenzene	6.72	146	382270	36.083	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	453085	42.050	ng	# 93
14) 1,2-Dichlorobenzene	6.96	146	726266	73.101	ng	99
15) Benzyl Alcohol	6.93	79	355938	37.466	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	529011	35.101	ng	90
17) 2-Methylphenol	7.04	107	317819	36.617	ng	97
18) Hexachloroethane	7.29	117	135446	32.063	ng	# 77
19) n-Nitroso-di-n-propylamine	7.20	70	304750	35.083	ng	90
20) 3+4-Methylphenols	7.19	107	387691	36.571	ng	93
22) Acetophenone	7.19	105	528244	35.871	ng	# 91
24) Nitrobenzene	7.36	77	439000	38.424	ng	91
25) Isophorone	7.60	82	797772	37.390	ng	96
26) 2-Nitrophenol	7.68	139	167141	41.214	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	322058	36.192	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	508921	36.280	ng	100
29) 2,4-Dichlorophenol	7.92	162	285509	38.652	ng	92
30) 1,2,4-Trichlorobenzene	8.01	180	298805	36.490	ng	100
31) Naphthalene	8.09	128	1601887	55.354	ng	100
32) Benzoic acid	7.85	122	238045	38.221	ng	90
33) 4-Chloroaniline	8.14	127	140268	11.493	ng	98
34) Hexachlorobutadiene	8.20	225	165588	34.634	ng	97
35) Caprolactam	8.51	113	95043m	37.848	ng	
36) 4-Chloro-3-methylphenol	8.62	107	329464	34.715	ng	# 82
37) 2-Methylnaphthalene	8.78	142	709533	39.991	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	267836	36.915	ng	98
40) Hexachlorocyclopentadiene	8.93	237	74394	21.343	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	186045	38.193	nq	96
43) 2,4,5-Trichlorophenol	9.10	196	185511	38.388	nq	96
45) 1,1'-Biphenyl	9.25	154	767747	35.611	nq	97
46) 2-Chloronaphthalene	9.27	162	550317	34.547	nq #	93
47) 2-Nitroaniline	9.36	65	210434	39.406	nq	97
48) Acenaphthylene	9.68	152	854318	34.152	nq	99
49) Dimethylphthalate	9.55	163	843808	48.828	nq	100
50) 2,6-Dinitrotoluene	9.60	165	132858	38.515	nq #	58
51) Acenaphthene	9.85	154	537189	34.050	nq	99
52) 3-Nitroaniline	9.77	138	101728	22.857	nq	82
53) 2,4-Dinitrophenol	9.87	184	19856	20.709	nq #	81
54) Dibenzofuran	10.03	168	771381	36.482	nq	99
55) 4-Nitrophenol	9.93	139	216323	60.931	nq #	44
56) 2,4-Dinitrotoluene	10.00	165	164824	38.074	nq #	57
57) Fluorene	10.37	166	560987	34.316	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	145888	38.992	nq #	92
59) Diethylphthalate	10.25	149	676911	37.457	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	271340	35.728	nq #	86
61) 4-Nitroaniline	10.38	138	123471	29.190	nq	73
62) Azobenzene	10.52	77	751990	35.031	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	16735	16.360	nq #	80
65) n-Nitrosodiphenylamine	10.48	169	504840	40.598	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	157502	41.535	nq	95
67) Hexachlorobenzene	10.91	284	142261	36.807	nq #	81
68) Atrazine	11.02	200	134458	40.772	nq	97
69) Pentachlorophenol	11.11	266	157736	69.994	nq	99
70) Phenanthrene	11.33	178	706150	36.289	nq	99
71) Anthracene	11.38	178	703109	35.625	nq	99
72) Carbazole	11.53	167	611980	32.666	nq	98
73) Di-n-butylphthalate	11.87	149	692269	32.081	nq	99
74) Fluoranthene	12.52	202	628264	30.933	nq	99
77) Pyrene	12.74	202	637474	29.894	nq	99
79) Butylbenzylphthalate	13.37	149	294665	36.040	nq #	71
80) Benzo(a)anthracene	13.93	228	535042	34.239	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	30415	5.768	nq #	94
82) Chrysene	13.97	228	527954	33.963	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	384053	42.390	nq	100
84) Di-n-octyl phthalate	14.54	149	719099	45.617	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	422922	36.984	nq	95
87) Benzo(b)fluoranthene	14.96	252	521725	34.874	nq	99
88) Benzo(k)fluoranthene	14.99	252	529659	37.684	nq #	94
89) Benzo(a)pyrene	15.31	252	487065	36.776	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	358858	33.282	nq	98
91) Benzo(g,h,i)perylene	17.19	276	331112	29.431	nq #	91

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

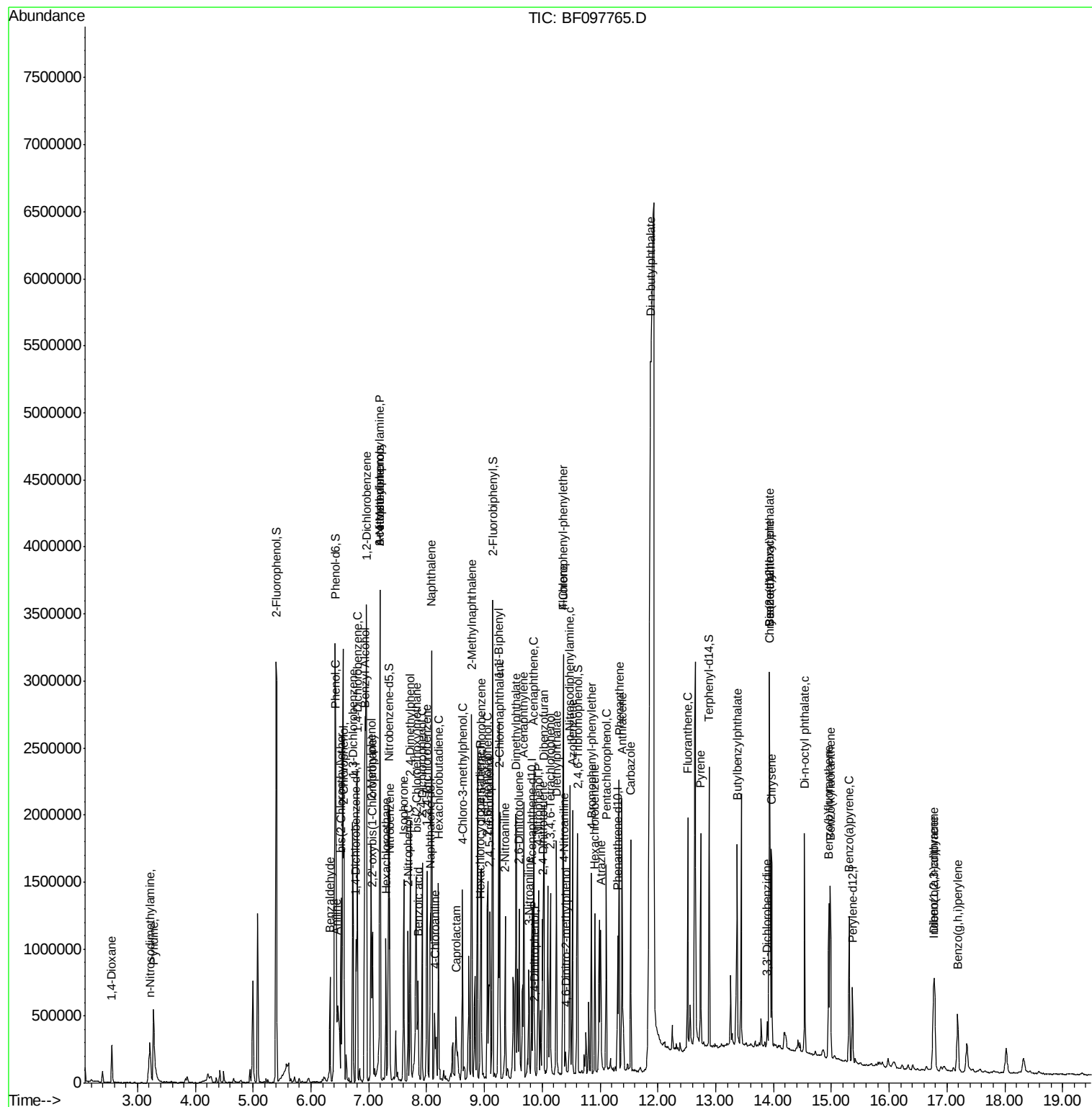
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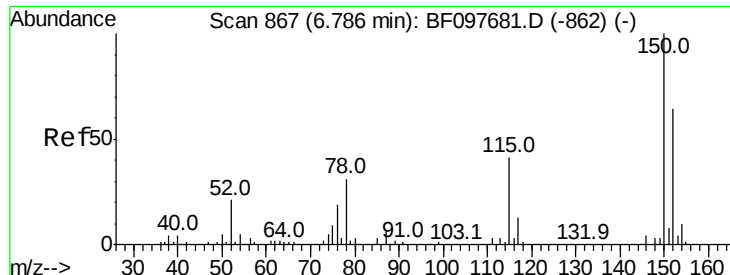
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#1

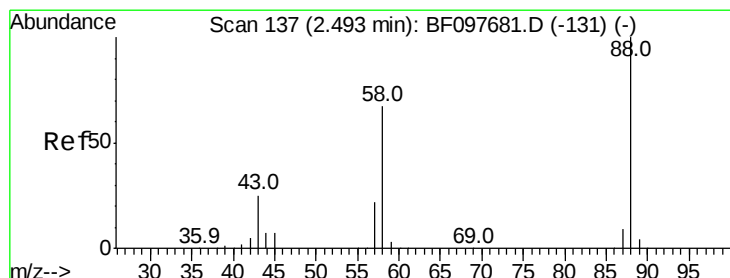
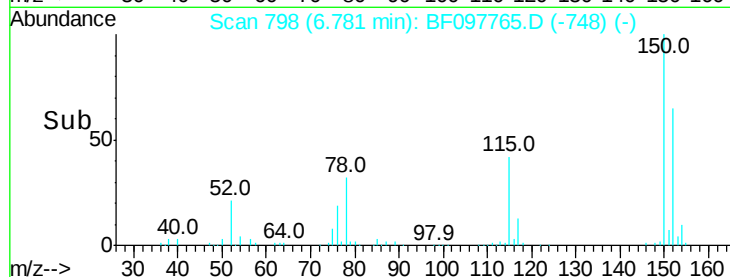
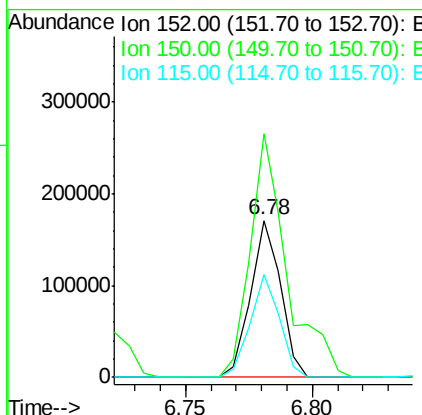
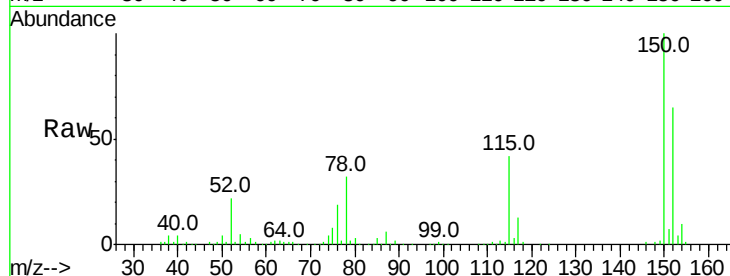
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	65.3	52.2	78.2

Manual Integrations
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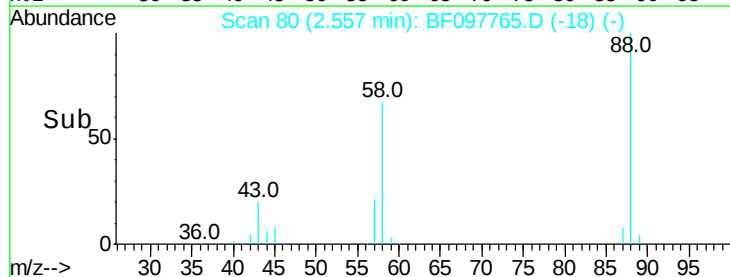
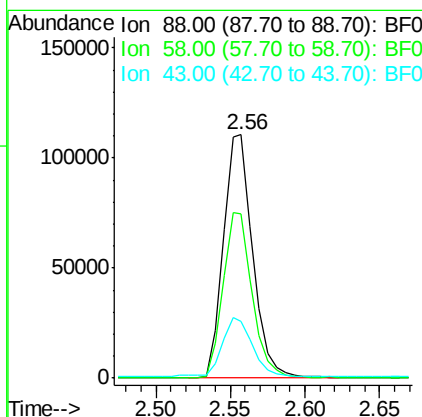
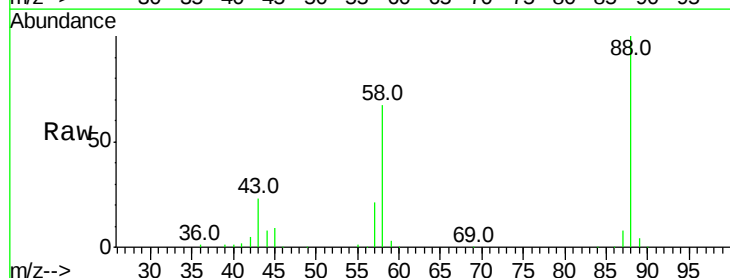
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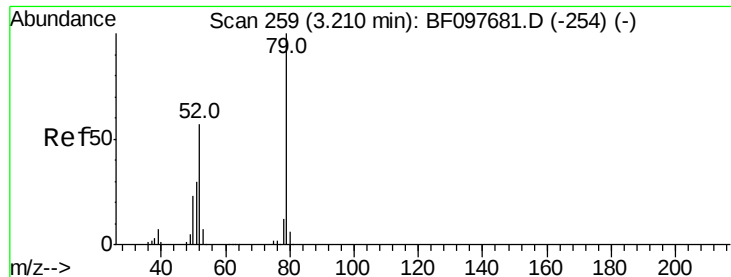


#2

1,4-Dioxane
Concen: 29.364 ng
RT: 2.56 min Scan# 80
Delta R.T. 0.06 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	61.4	92.0
43	25.1	23.4	35.0





#3

Pvrindine

Concen: 30.265 ng

RT: 3.27 min Scan# 202

Delta R.T. 0.06 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

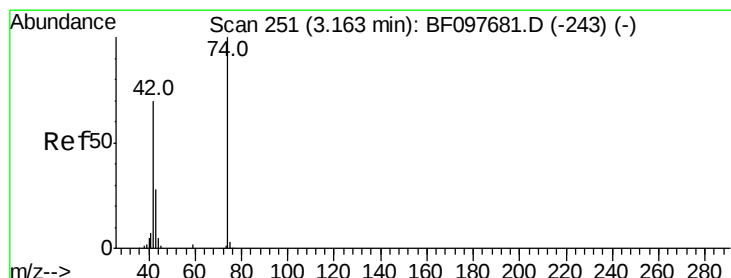
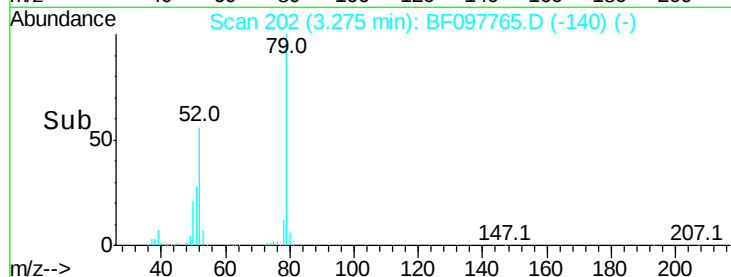
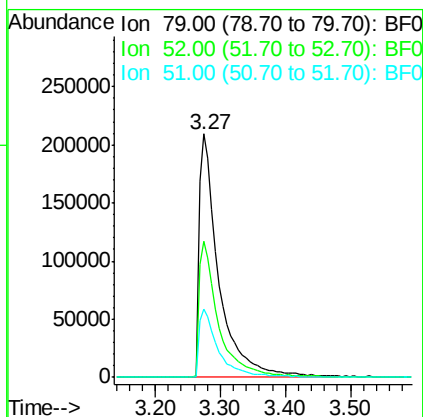
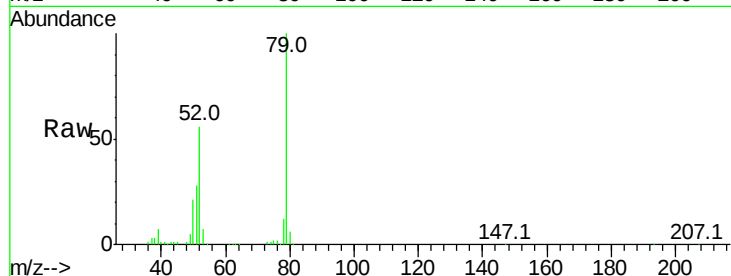
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	79	Resp:	435774
Ion	Ratio	Lower	Upper
79	100		
52	56.1	54.8	82.2
51	28.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 31.511 ng

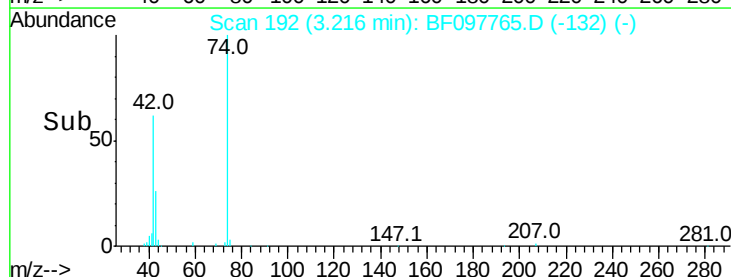
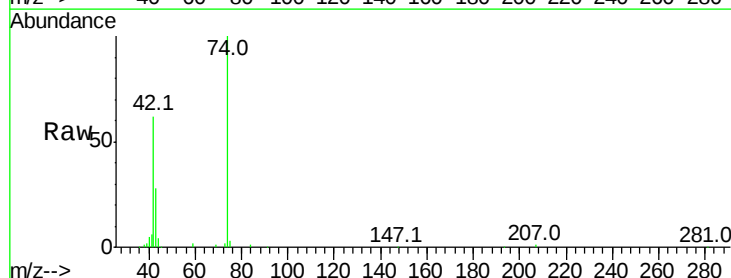
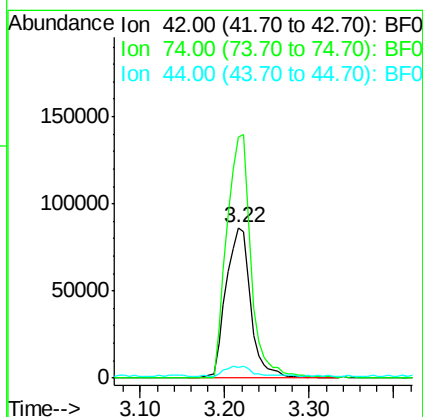
RT: 3.22 min Scan# 192

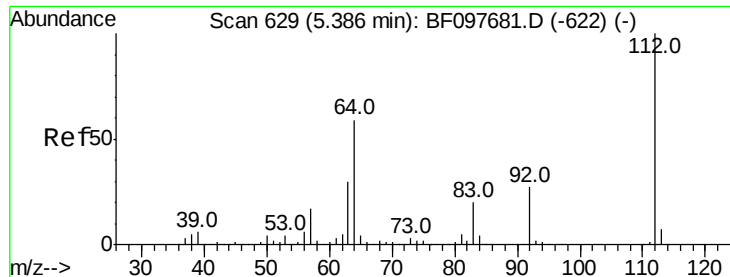
Delta R.T. 0.05 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	42	Resp:	174580
Ion	Ratio	Lower	Upper
42	100		
74	160.4	103.9	155.9#
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 110.870 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion: 112 Resp: 1035432

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

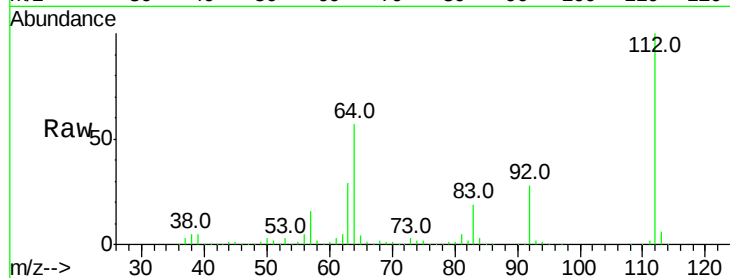
63 28.6 23.4 35.0

Manual Integrations

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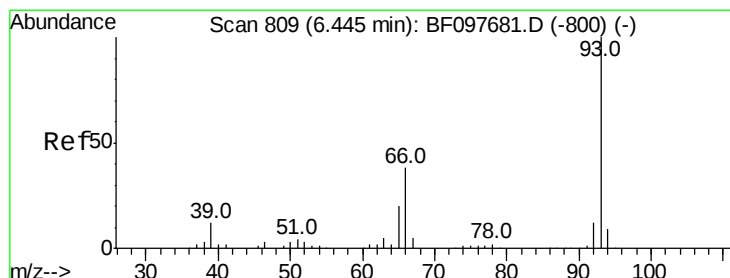
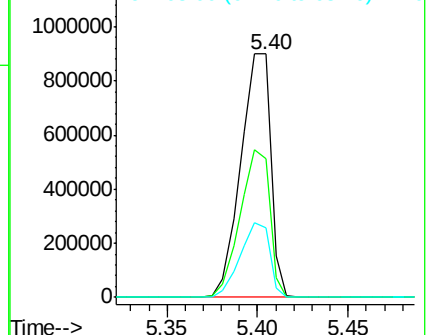
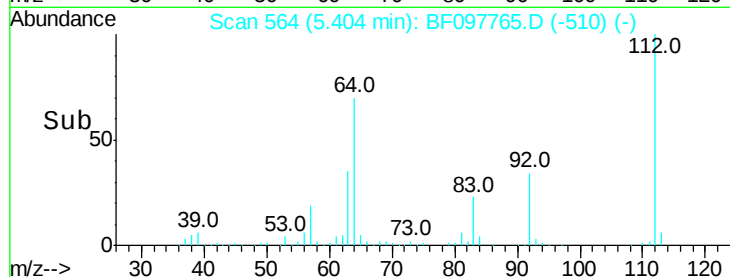
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.110 ng m

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

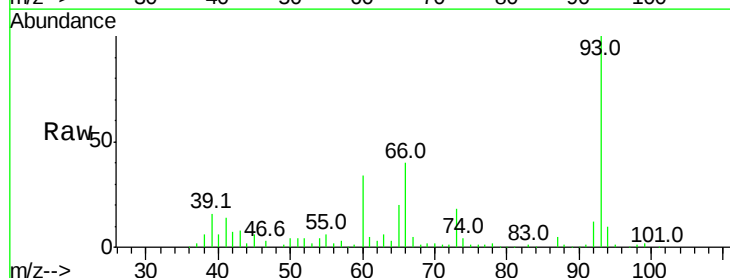
Tgt Ion: 93 Resp: 376310

Ion Ratio Lower Upper

93 100

66 40.1 32.9 49.3

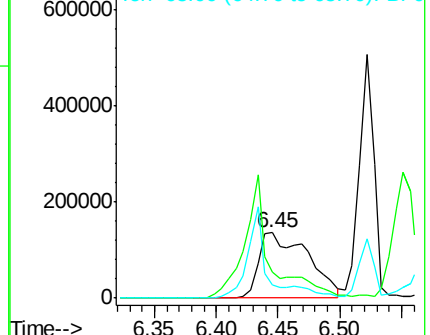
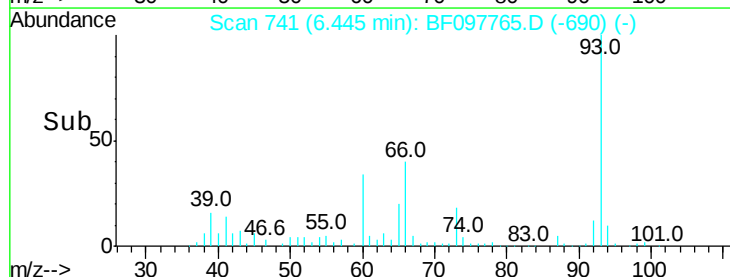
65 20.3 16.0 24.0

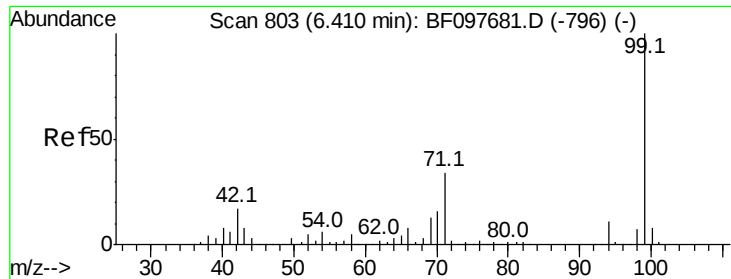


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 110.162 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

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BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion: 99 Resp: 1397879

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

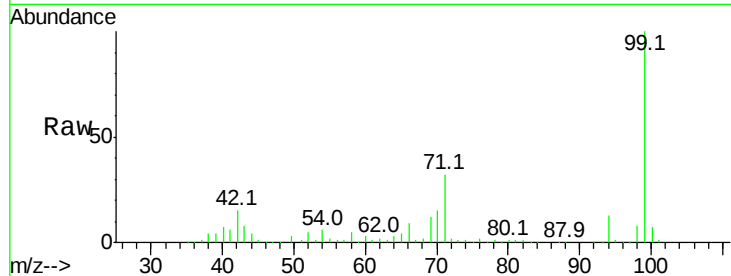
71 32.4 24.5 36.7

Manual Integrations

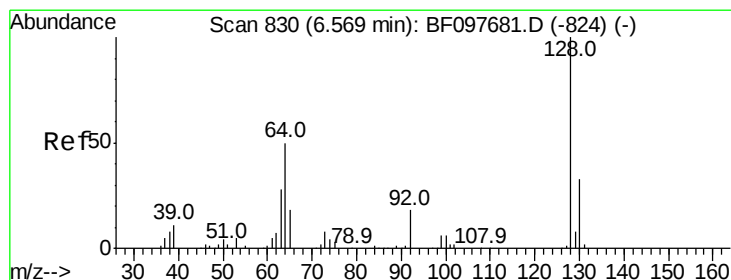
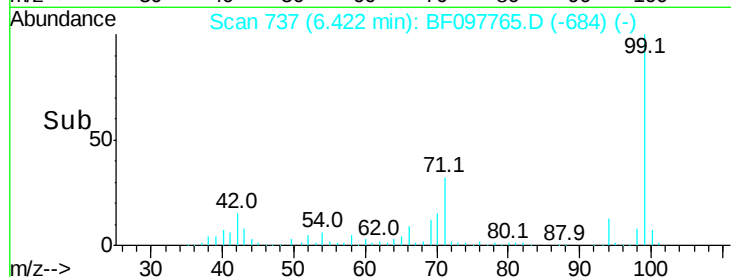
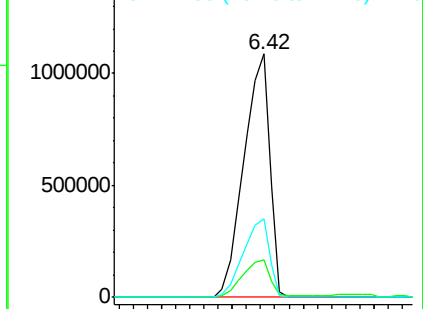
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.734 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

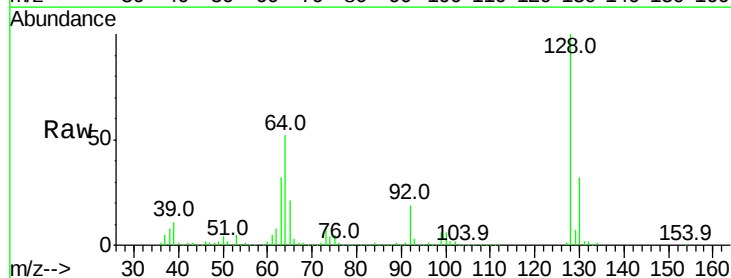
Tgt Ion:128 Resp: 351955

Ion Ratio Lower Upper

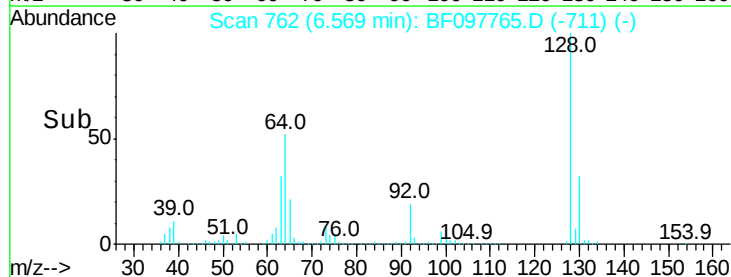
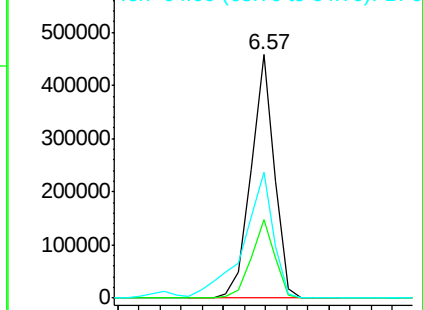
128 100

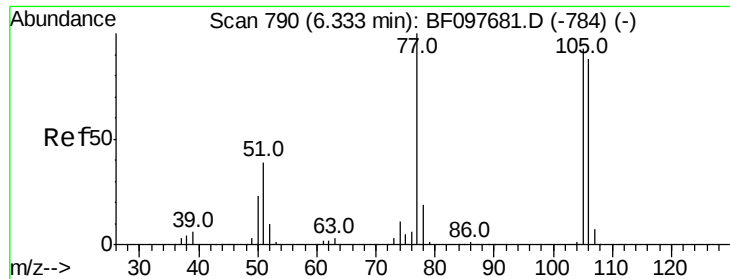
130 32.2 12.9 52.9

64 51.7 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: 18.991 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

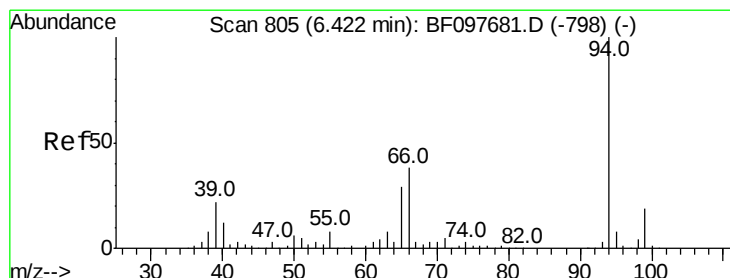
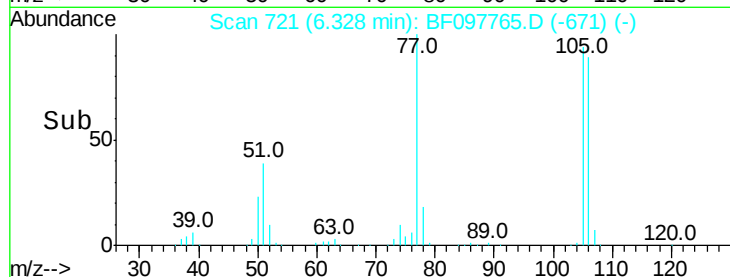
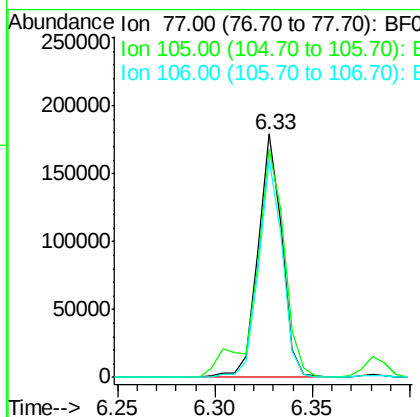
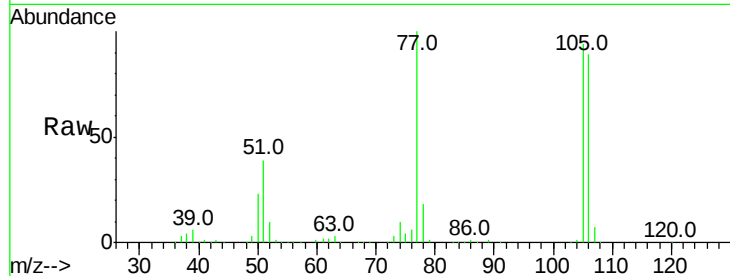
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	77	Resp:	152641
Ion Ratio	Lower	Upper	
77	100		
105	93.5	83.8	123.8
106	89.3	79.1	119.1

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#10

Phenol

Concen: 35.897 ng

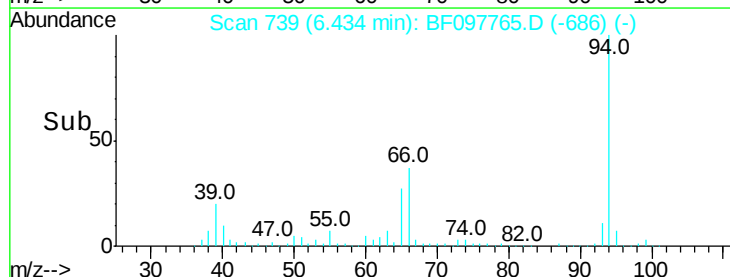
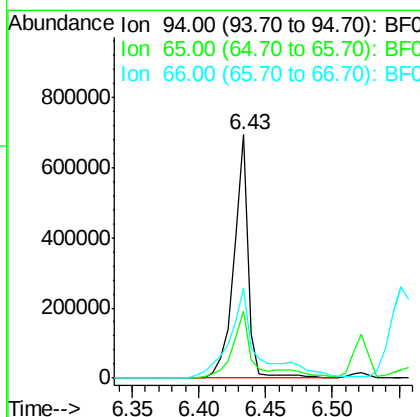
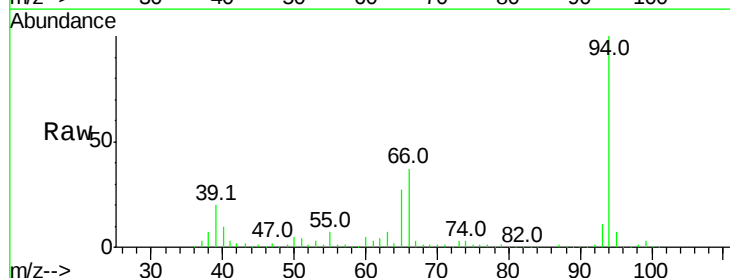
RT: 6.43 min Scan# 739

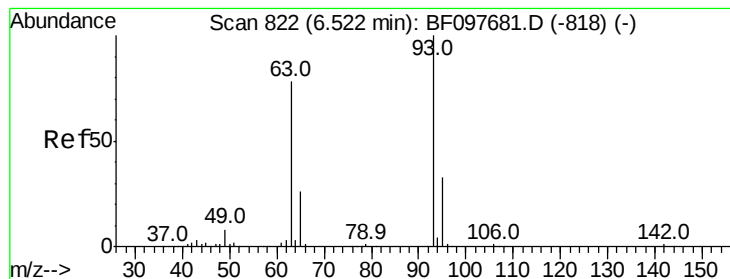
Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	94	Resp:	532738
Ion Ratio	Lower	Upper	
94	100		
65	27.3	9.9	49.9
66	36.9	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 35.584 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

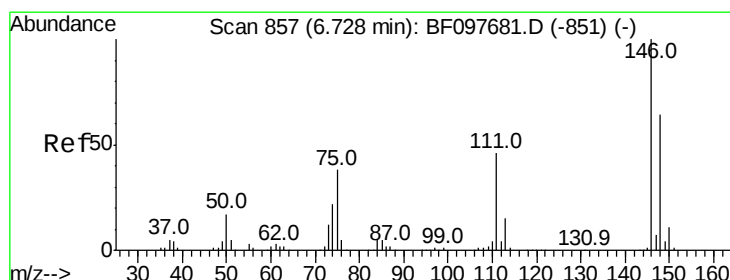
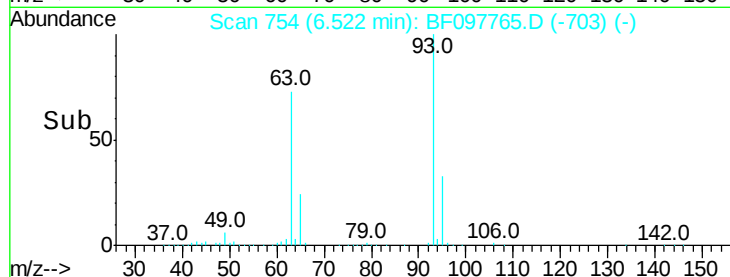
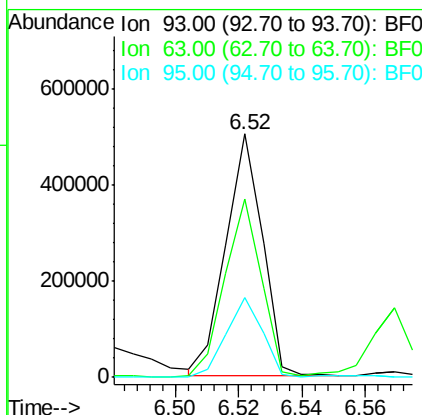
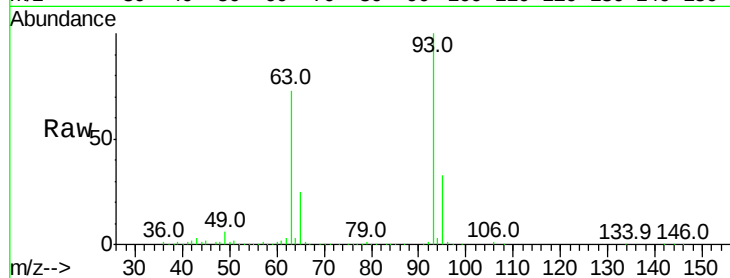
ClientSampleId :

E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	398589		
63	73.2	59.2	99.2	
95	33.0	12.8	52.8	

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#12

1,3-Dichlorobenzene

Concen: 36.083 ng

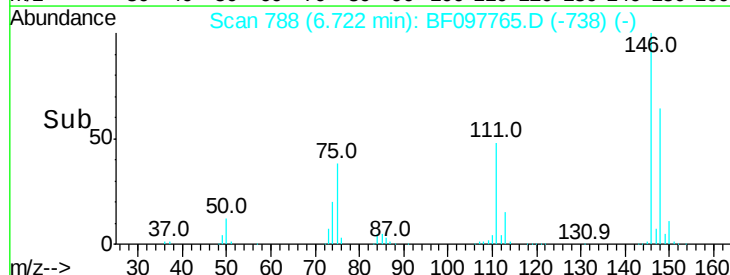
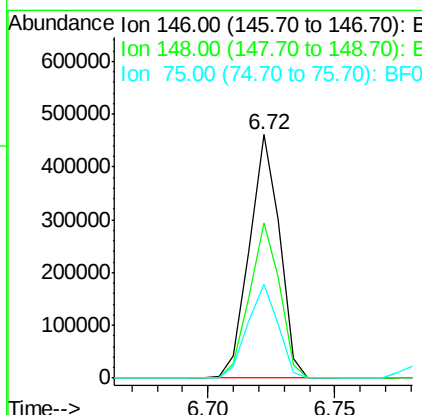
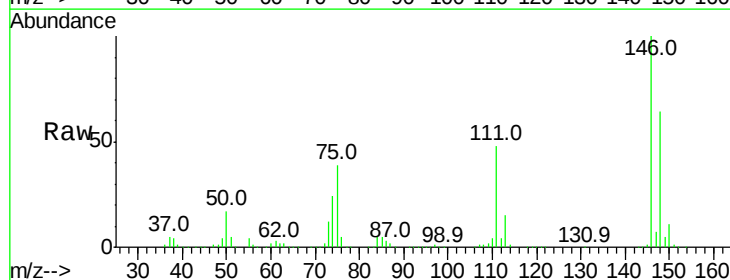
RT: 6.72 min Scan# 788

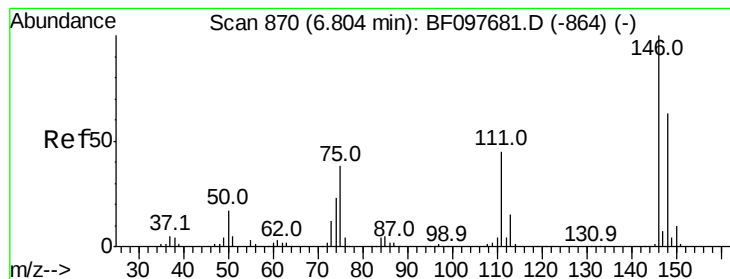
Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	382270		
148	63.7	51.8	77.6	
75	38.7	23.1	34.7#	





#13

1,4-Dichlorobenzene

Concen: 42.050 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

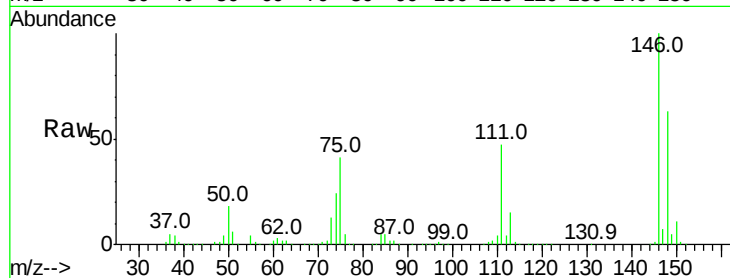
ClientSampleId :

E2-J10-SSWMSD

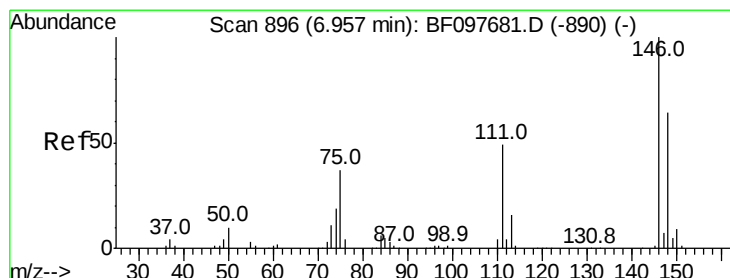
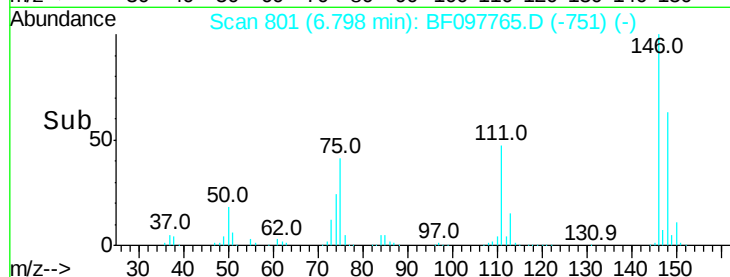
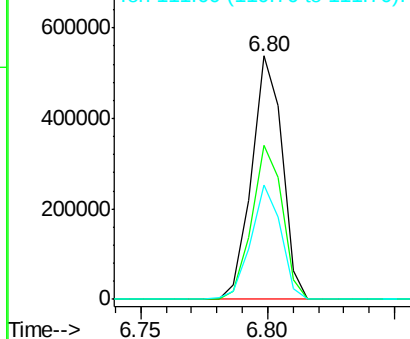
Tot Ion:	146	Resp:	453085
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.2	78.2
111	47.1	30.3	45.5#

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 73.101 ng

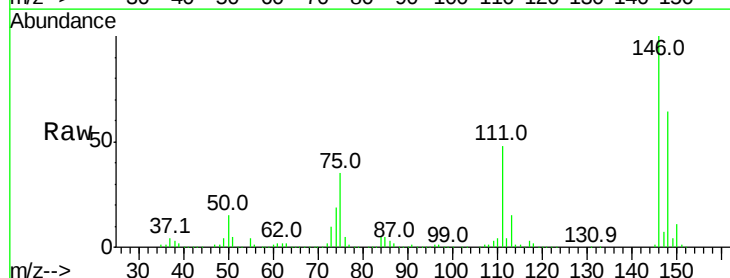
RT: 6.96 min Scan# 828

Delta R.T. 0.00 min

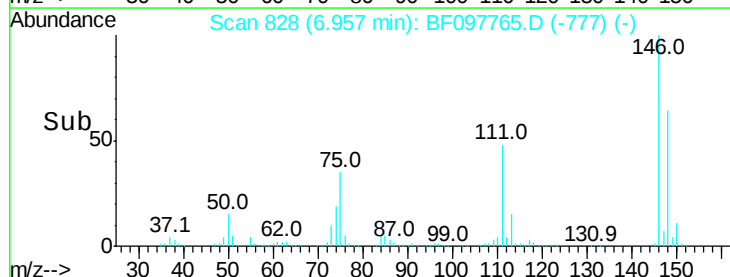
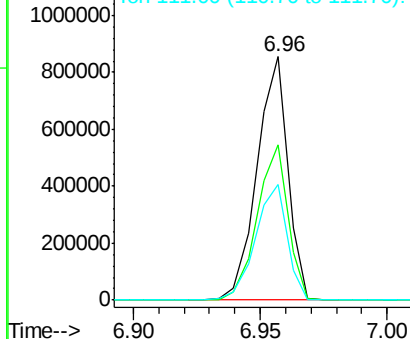
Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	146	Resp:	726266
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.4	75.6
111	47.5	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.466 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampled :

E2-J10-SSWMSD

Tot Ion: 79 Resp: 355938

Ion Ratio Lower Upper

79 100

108 75.9 63.4 95.0

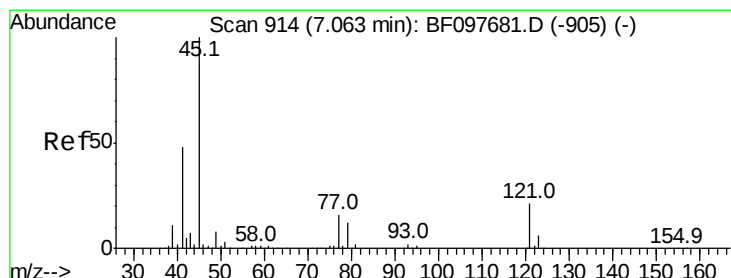
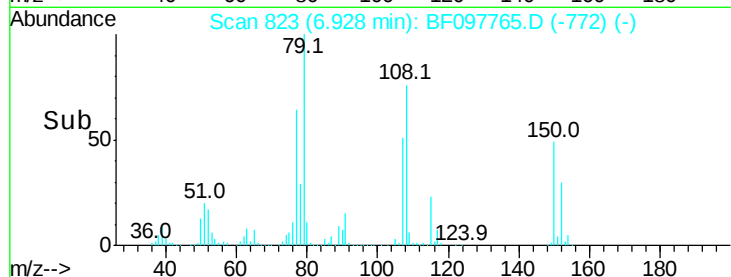
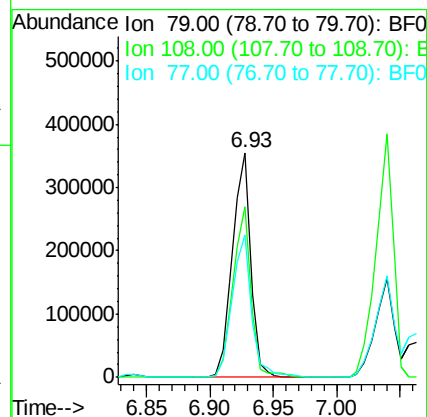
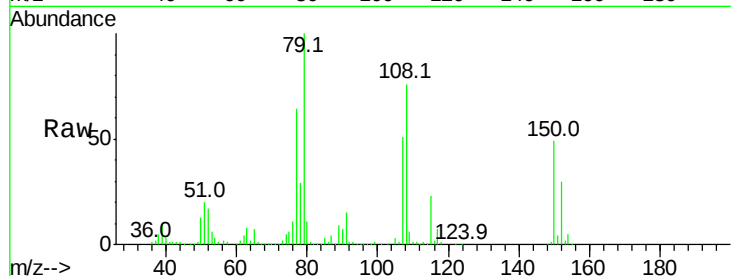
77 63.7 49.2 73.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.101 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

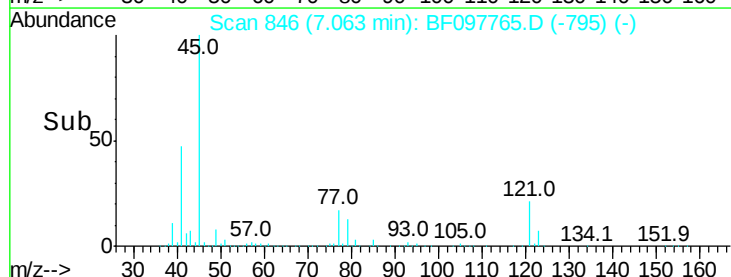
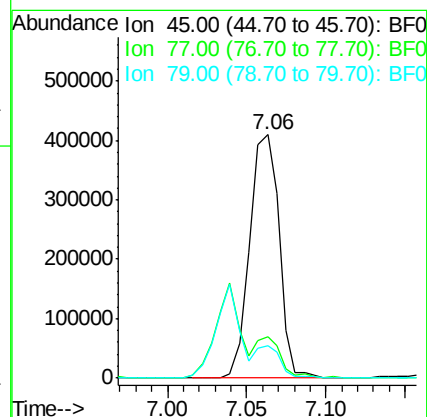
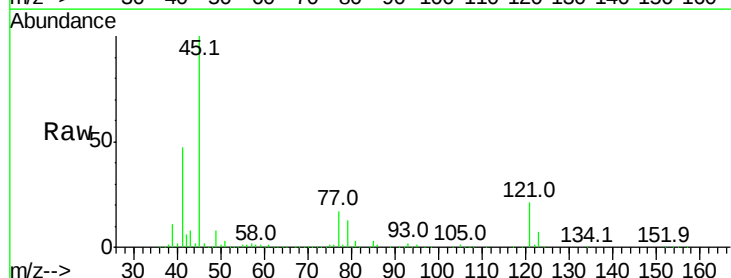
Tgt Ion: 45 Resp: 529011

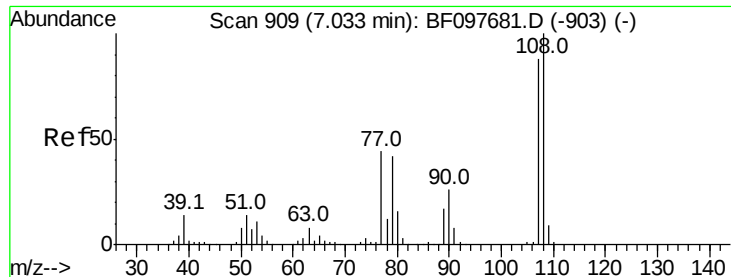
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.2

79 13.4 0.0 30.0





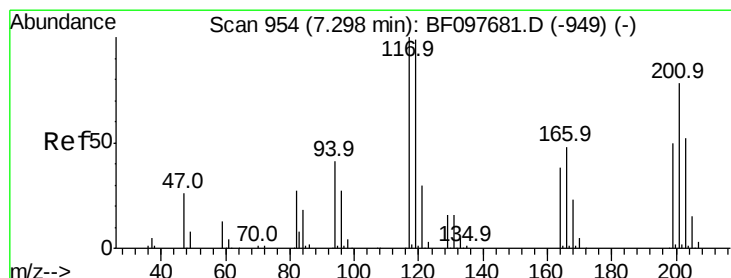
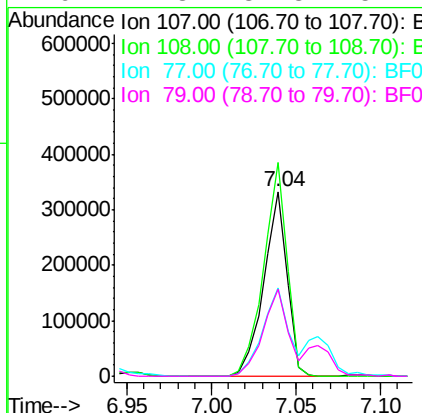
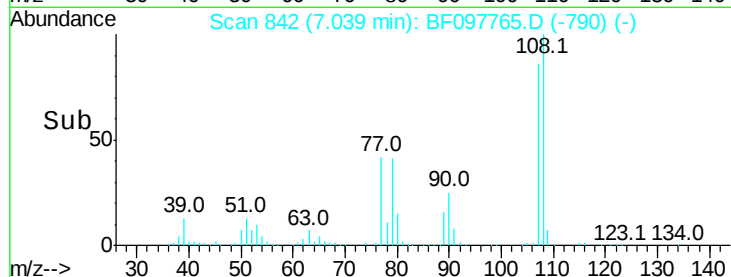
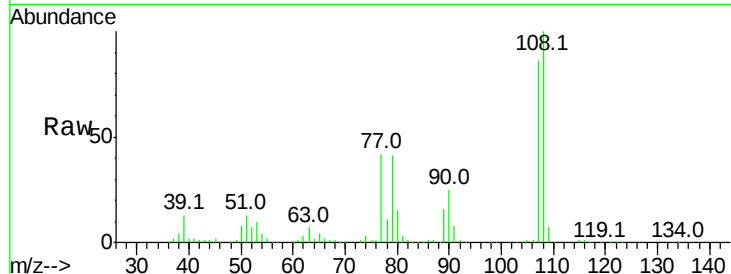
#17
2-Methylphenol
Concen: 36.617 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	93.4	140.0	
77	48.3	35.8	53.6	
79	47.3	34.8	52.2	

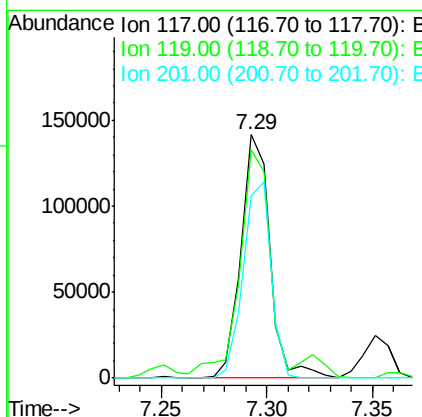
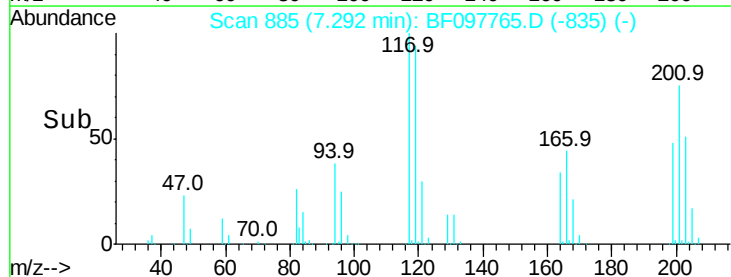
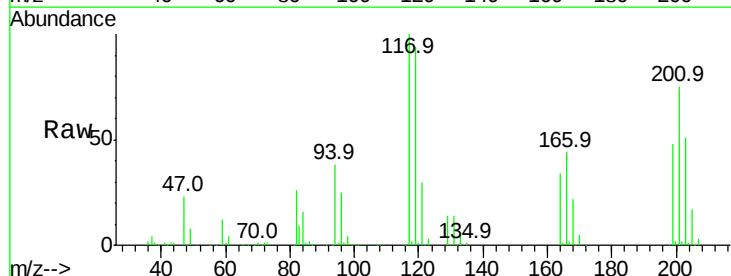
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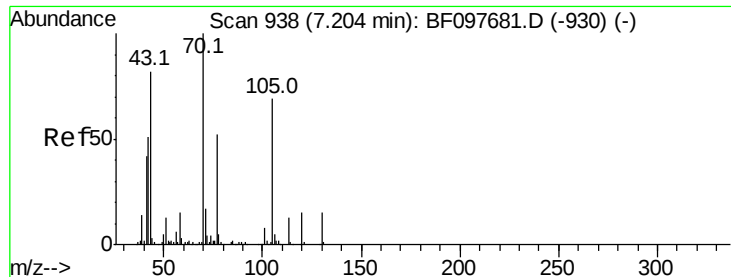
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#18
Hexachloroethane
Concen: 32.063 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	77.4	116.0	
201	75.1	94.6	141.8#	





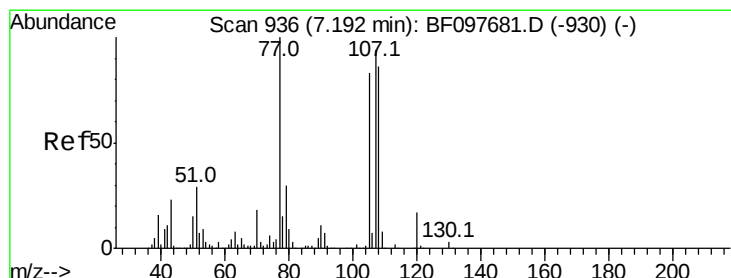
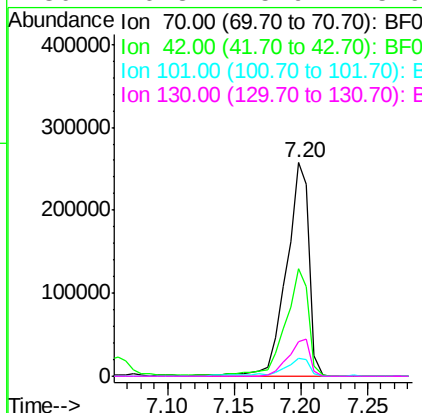
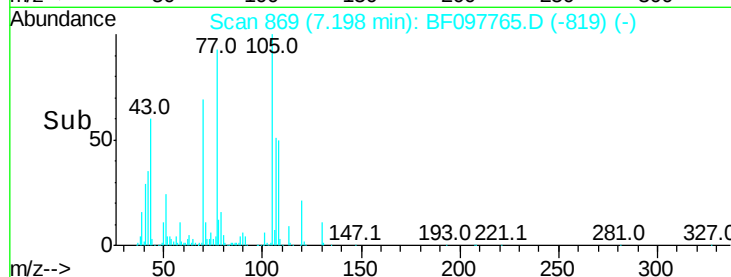
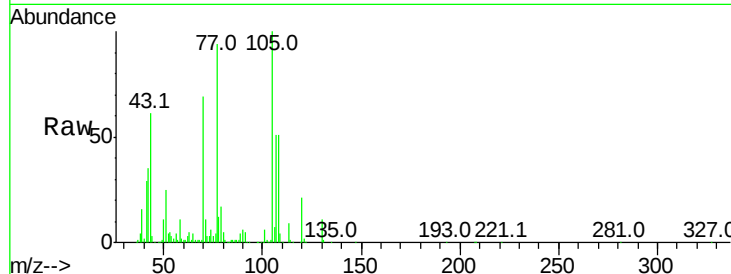
#19
n-Nitroso-di-n-propylamine
Concen: 35.083 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.2	70.8
101	8.4	7.2	10.8
130	16.3	15.9	23.9

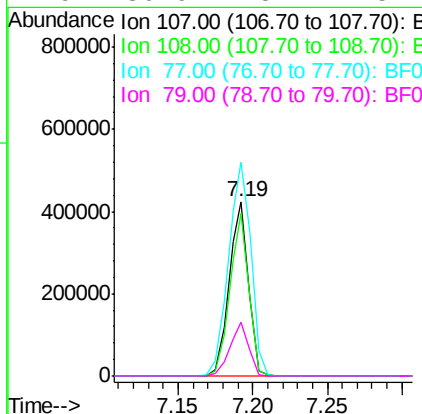
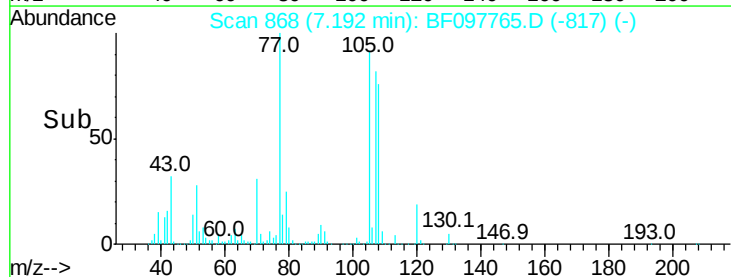
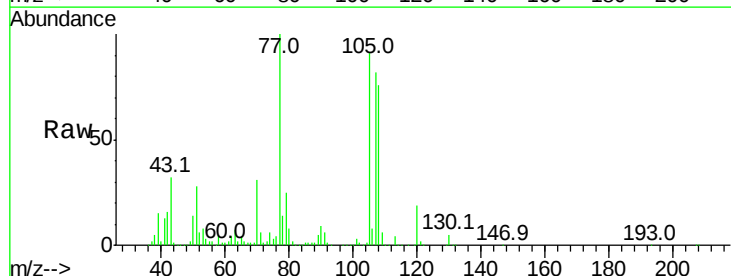
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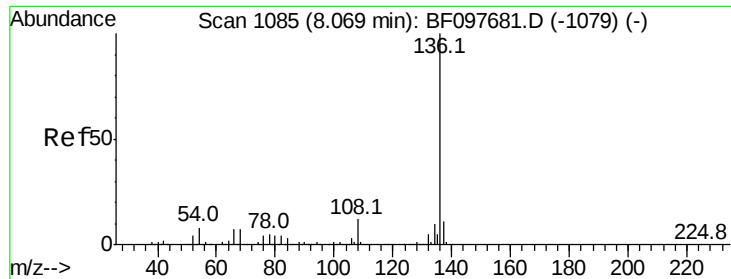
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#20
3+4-Methylphenols
Concen: 36.571 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	71.0	111.0
77	122.6	90.5	130.5
79	30.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

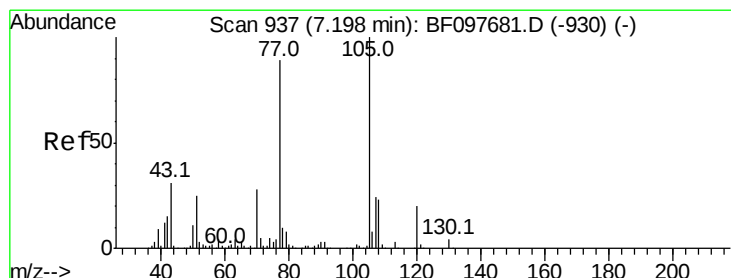
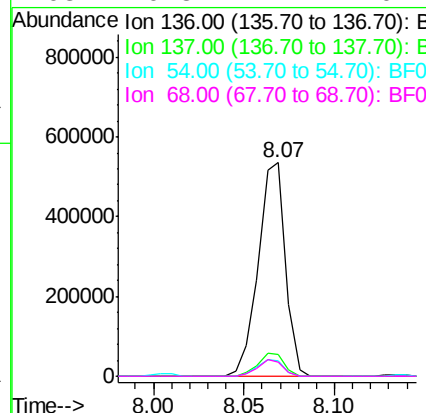
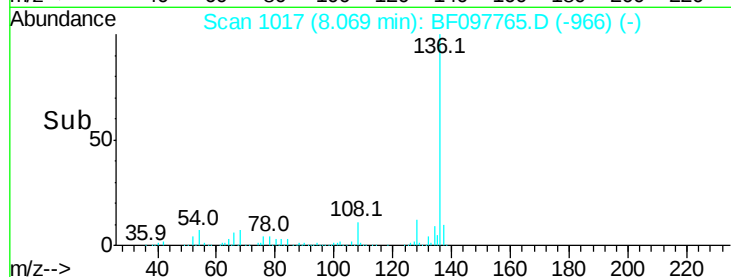
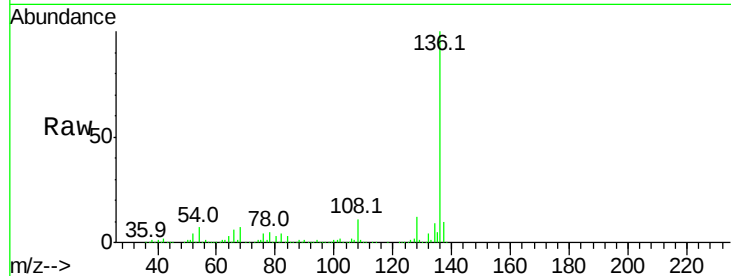
ClientSampleId :

E2-J10-SSWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		557433		
137	10.5	8.5	12.7		
54	7.3	4.9	7.3		
68	6.8	4.1	6.1#		

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#22

Acetophenone

Concen: 35.871 ng

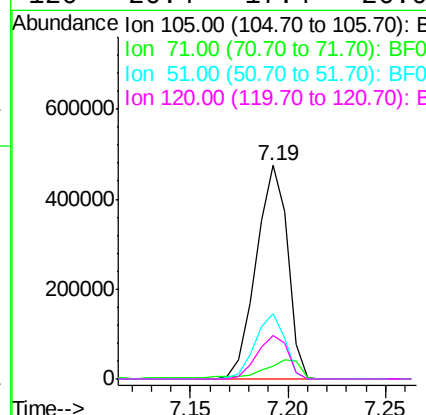
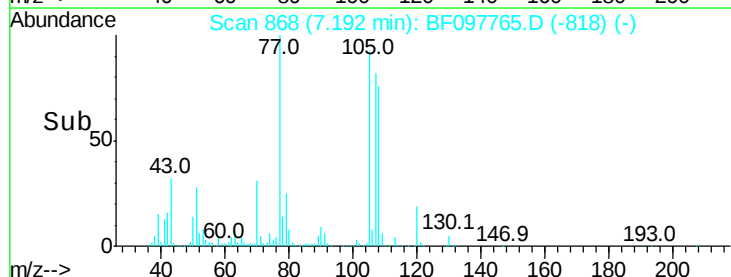
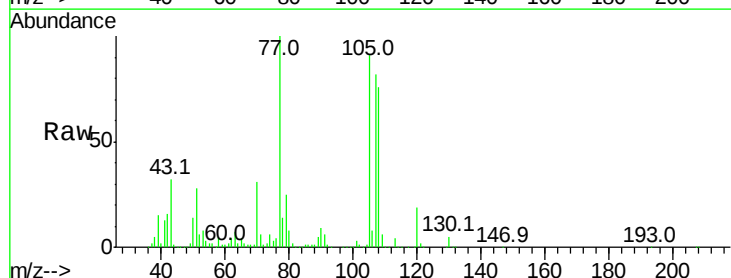
RT: 7.19 min Scan# 868

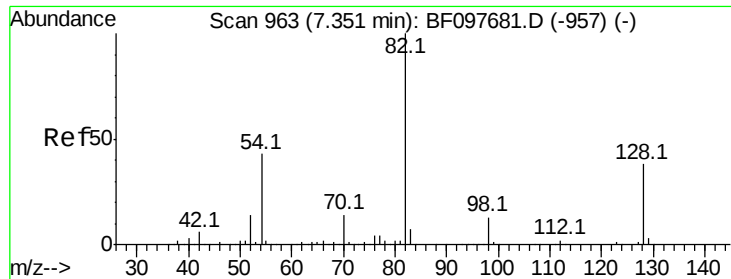
Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		528244		
71	6.1	2.8	4.2#		
51	30.8	30.7	46.1		
120	20.4	17.4	26.0		





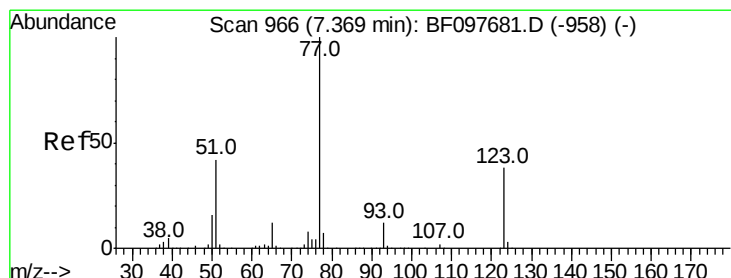
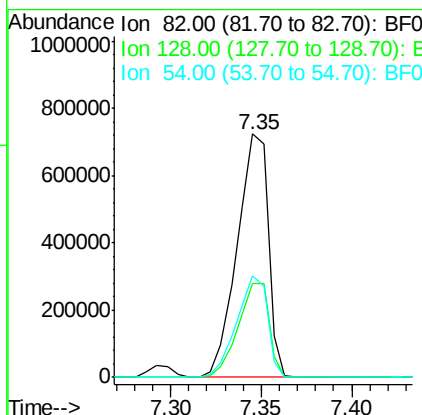
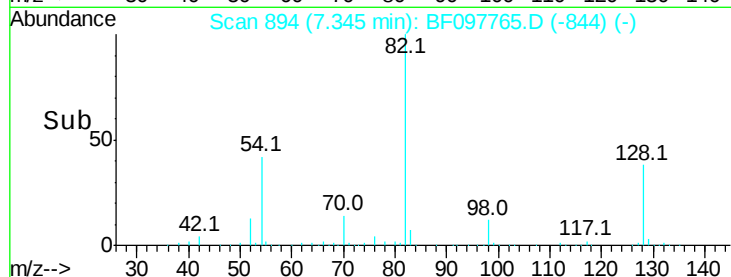
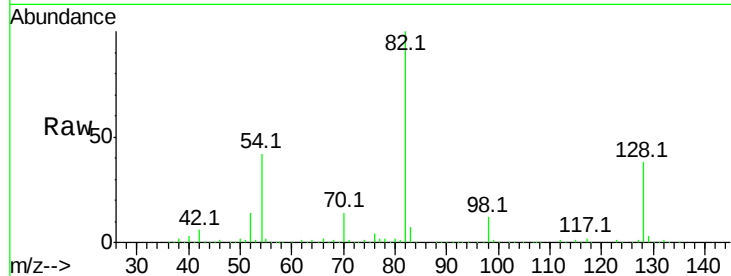
#23
Nitrobenzene-d5
Concen: 83.944 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.3	34.0	51.0	
54	41.8	42.2	63.2	

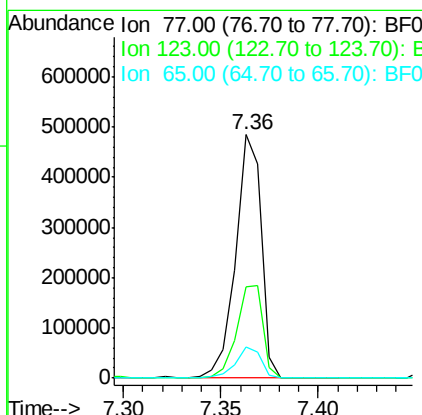
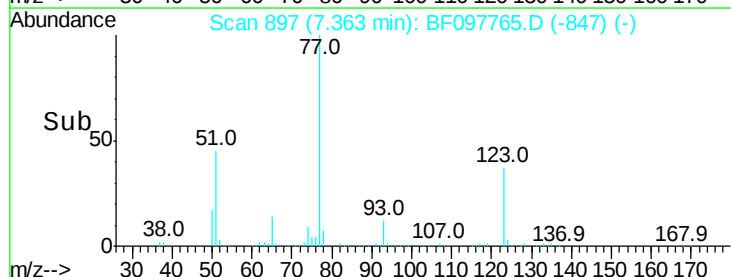
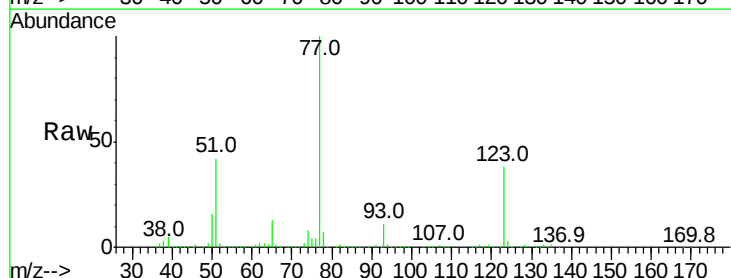
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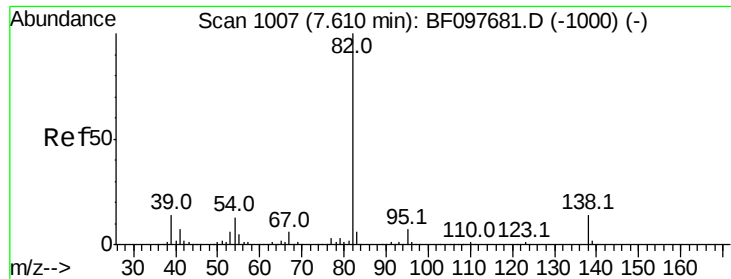
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#24
Nitrobenzene
Concen: 38.424 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.6	35.8	53.8	
65	12.6	10.6	15.8	





#25

Isophorone

Concen: 37.390 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

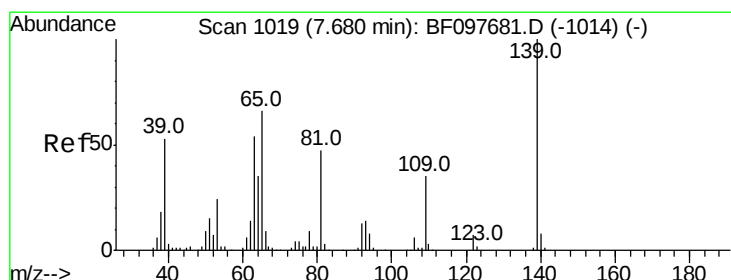
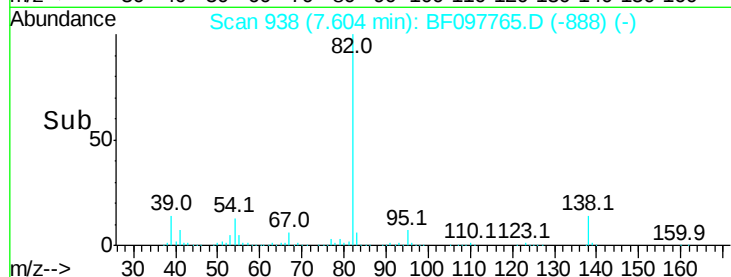
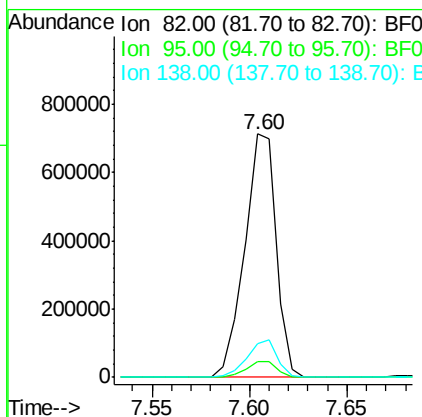
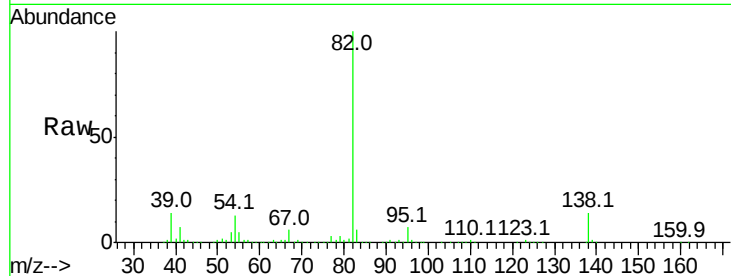
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	82	Resp:	797772
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.3	7.9
138	14.0	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.214 ng

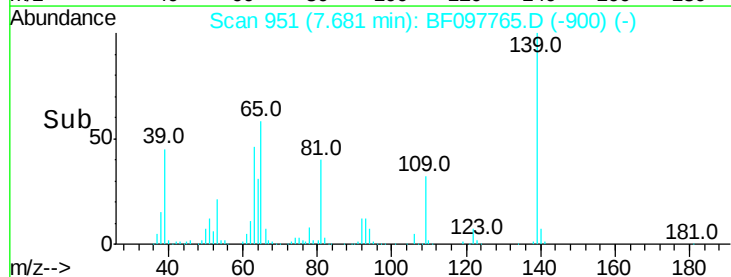
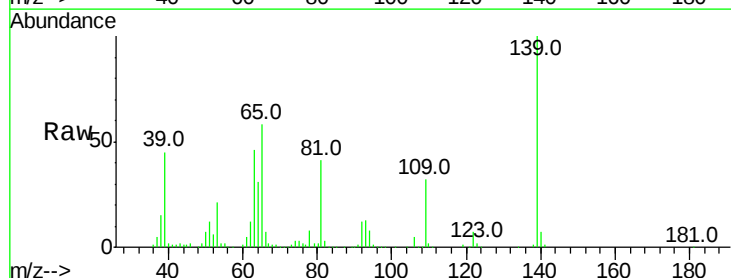
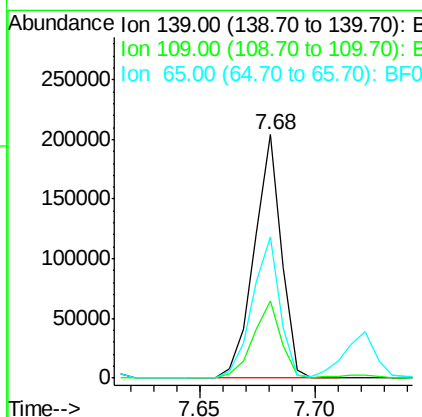
RT: 7.68 min Scan# 951

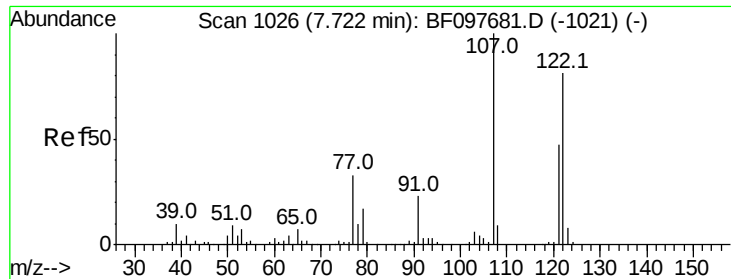
Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	139	Resp:	167141
Ion Ratio	Lower	Upper	
139	100		
109	31.6	21.0	31.6#
65	57.8	33.0	49.6#





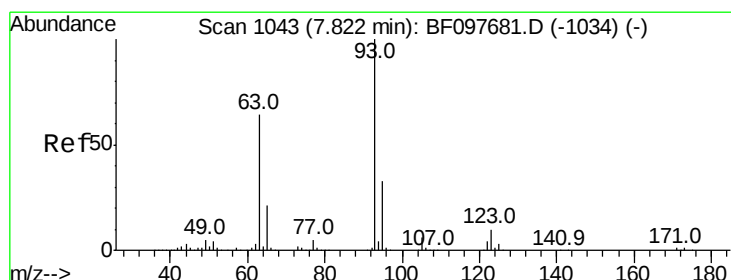
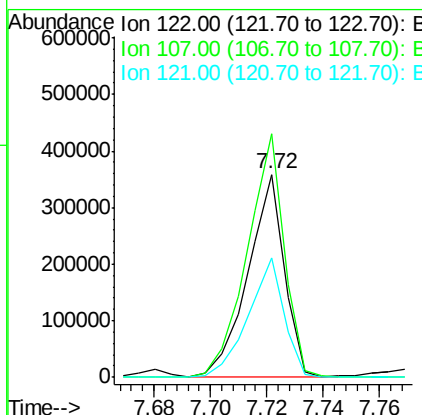
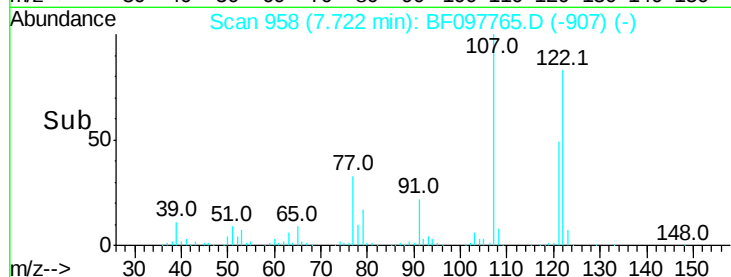
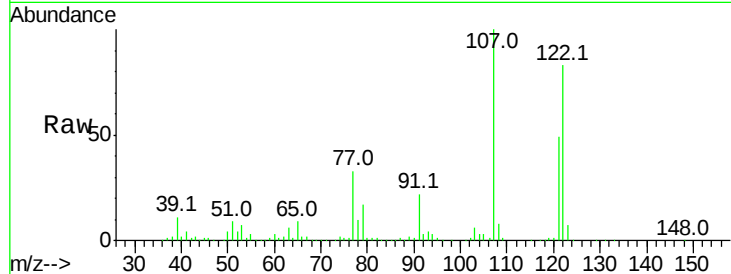
#27
 2,4-Dimethylphenol
 Concen: 36.192 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion:	122	Resp:	322058
Ion Ratio	Lower	Upper	
122	100		
107	119.8	89.2	133.8
121	59.0	45.2	67.8

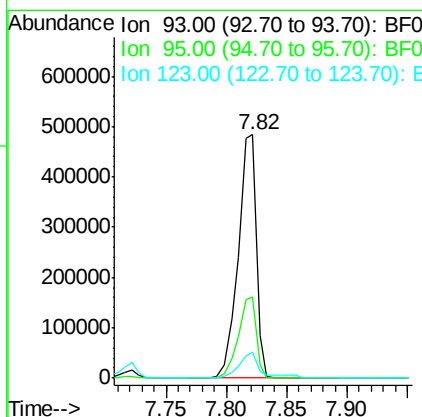
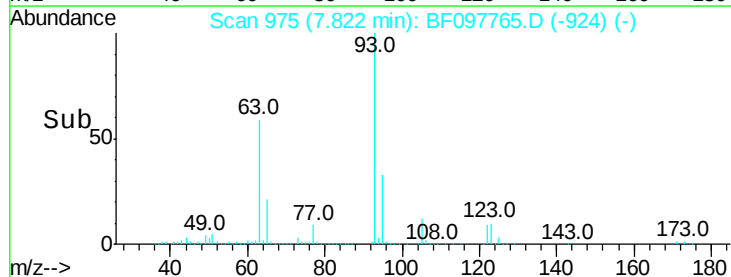
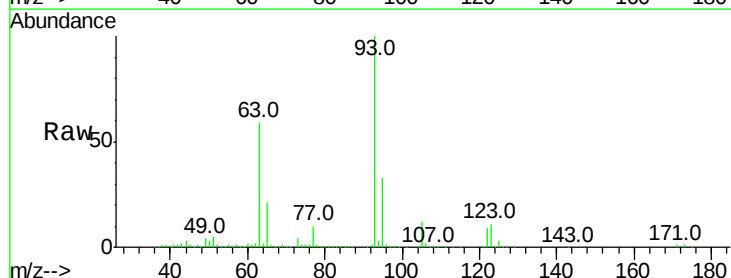
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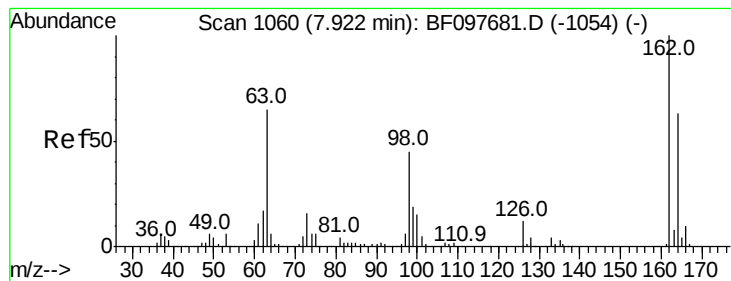
Sohil
 8/17/2017 5:58:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.280 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:	93	Resp:	508921
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.5	39.7
123	10.5	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 38.652 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

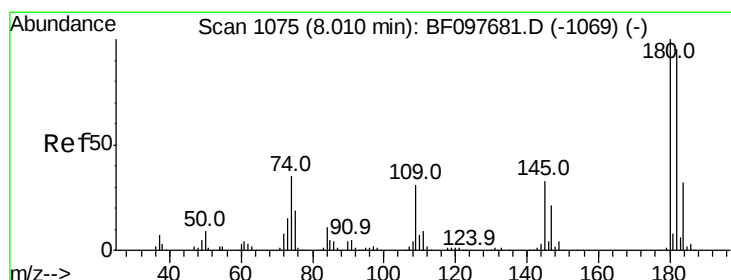
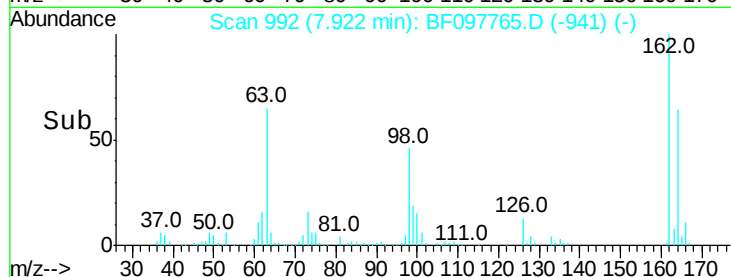
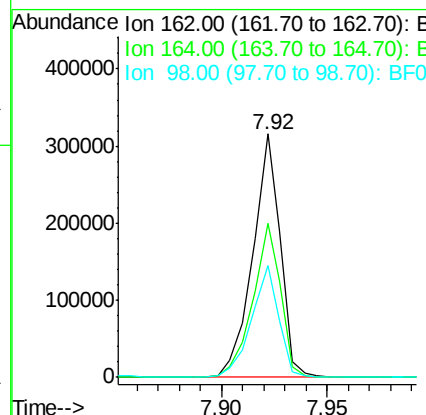
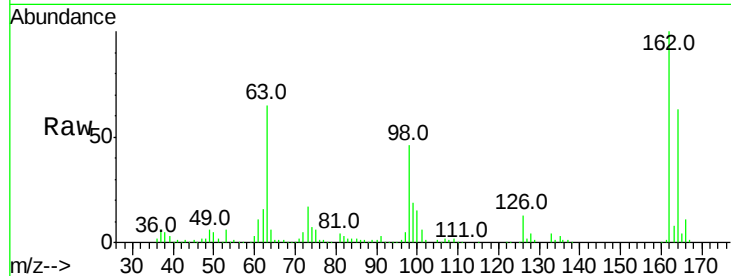
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	162	Resp:	285509
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.6	84.6
98	45.9	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 36.490 ng

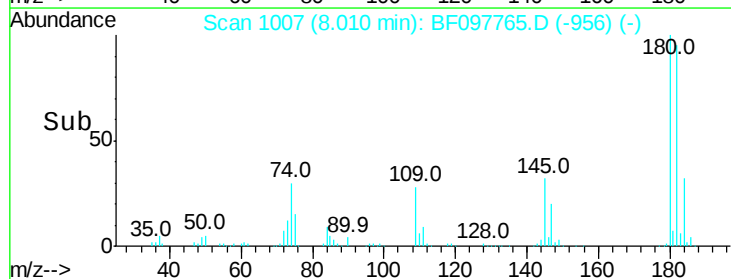
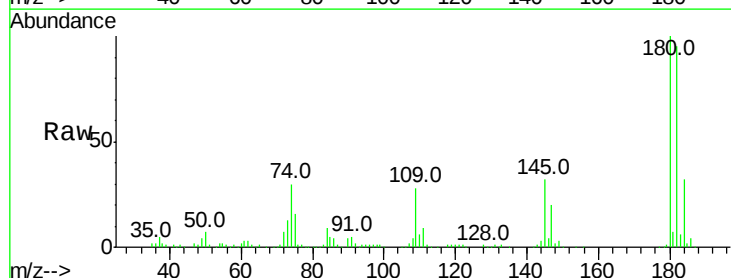
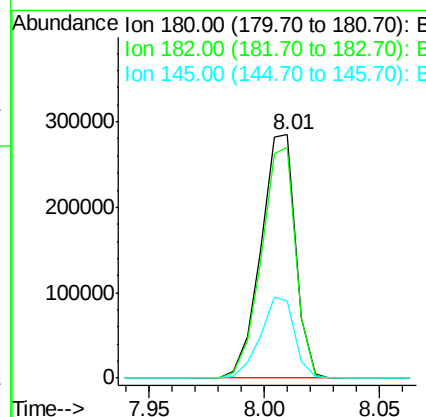
RT: 8.01 min Scan# 1007

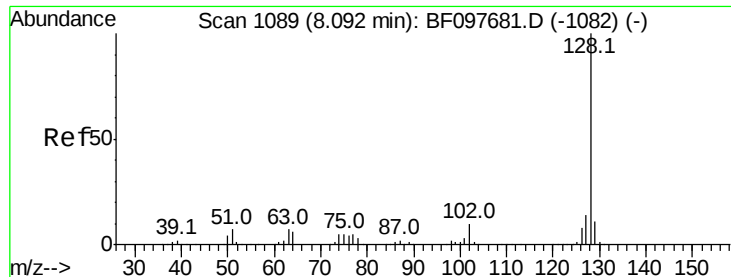
Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	180	Resp:	298805
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	31.7	25.3	37.9





#31

Naphthalene

Concen: 55.354 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion:128 Resp: 1601887

Ion Ratio Lower Upper

128 100

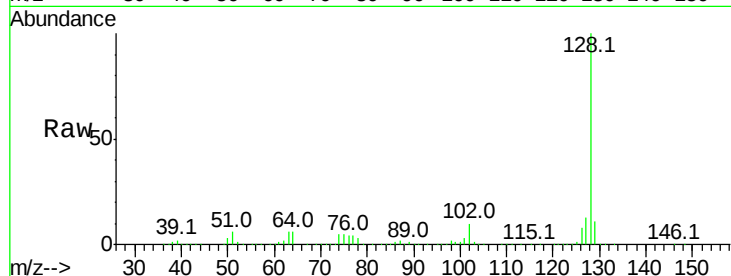
129 11.4 9.0 13.6

127 13.5 10.8 16.2

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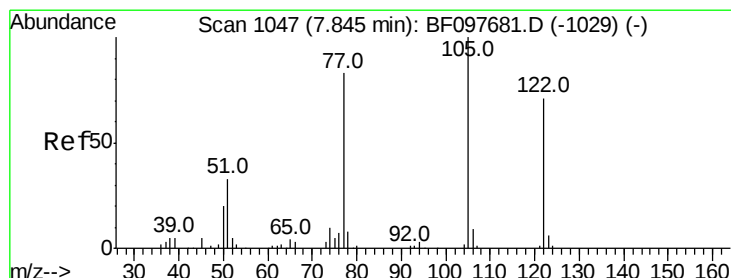
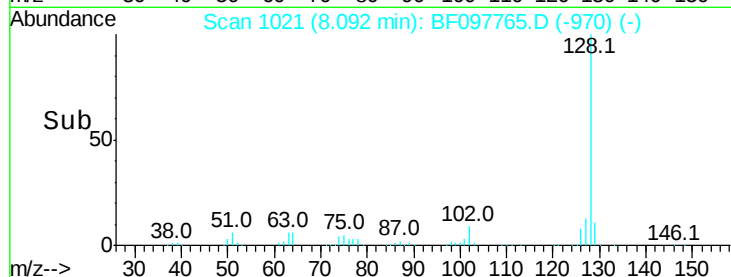
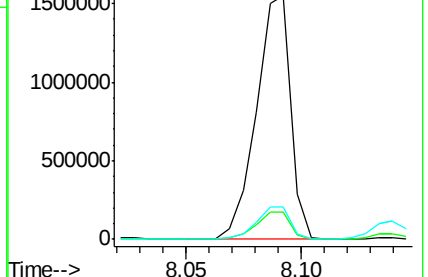
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.221 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

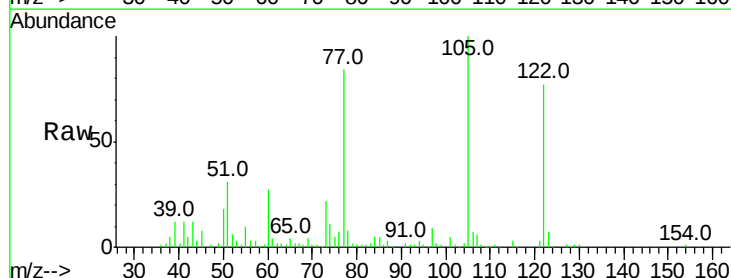
Tgt Ion:122 Resp: 238045

Ion Ratio Lower Upper

122 100

105 129.6 103.3 143.3

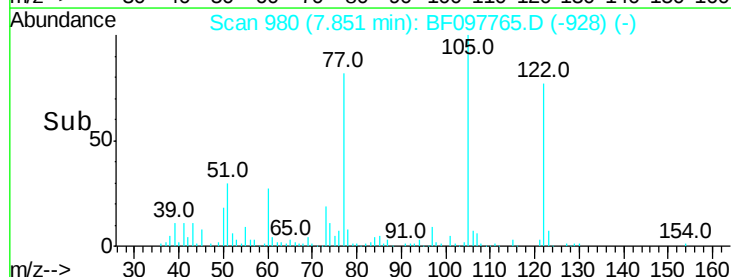
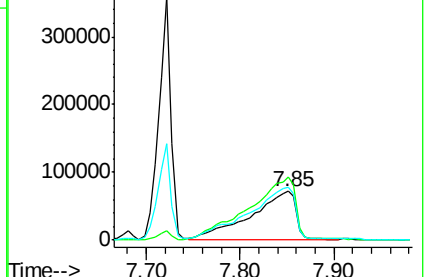
77 108.4 73.7 113.7

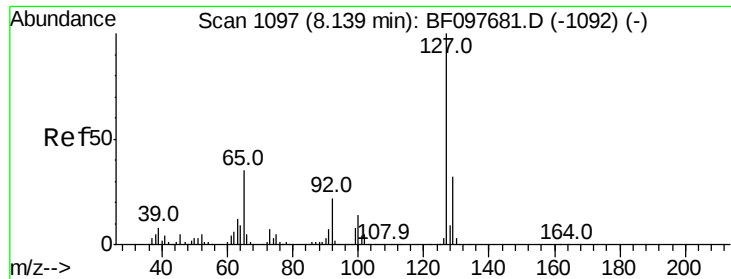


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





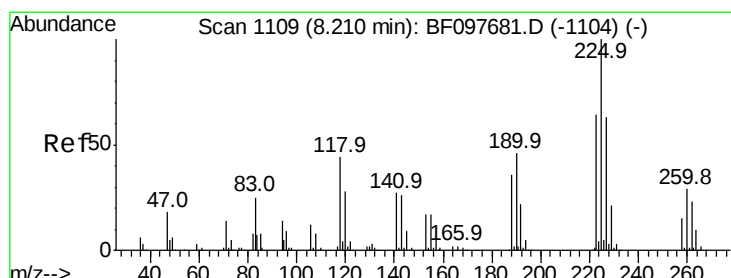
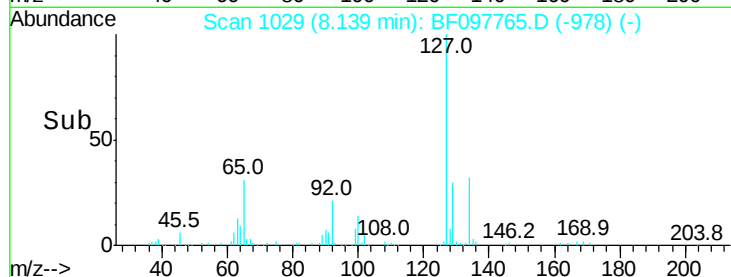
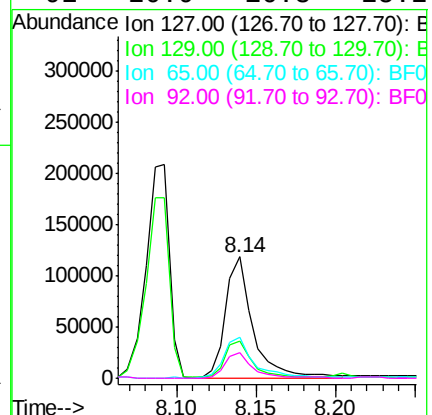
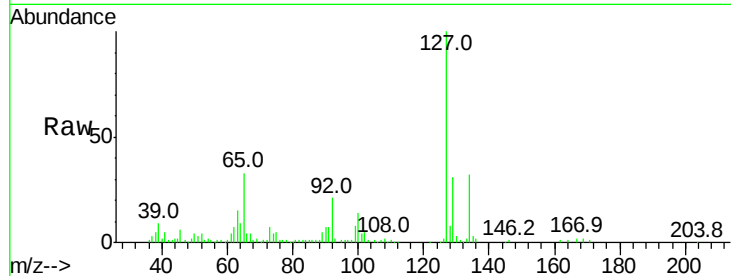
#33
4-Chloroaniline
Concen: 11.493 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	26.2	39.2	
65	33.5	27.8	41.8	
92	20.9	16.8	25.2	

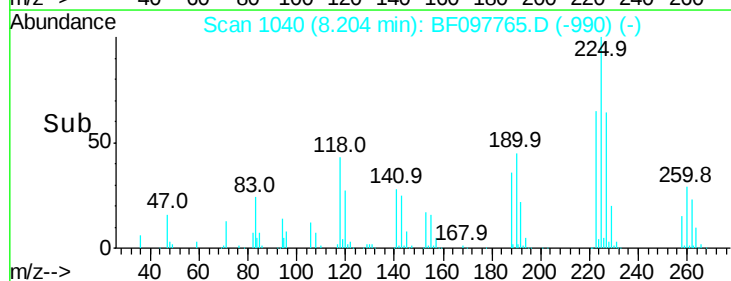
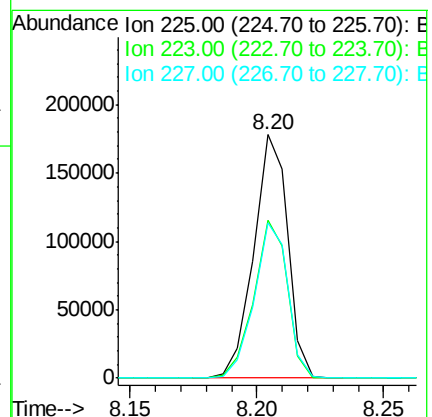
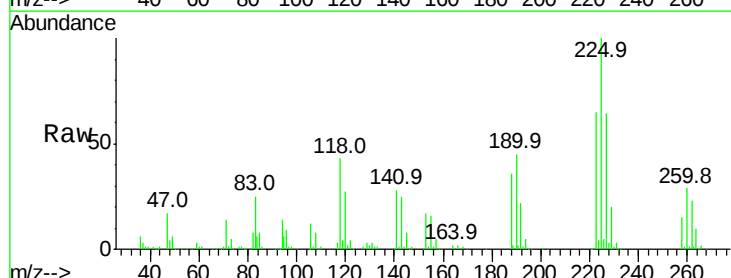
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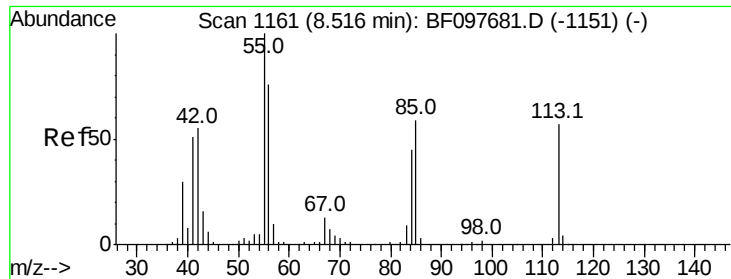
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#34
Hexachlorobutadiene
Concen: 34.634 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.0	48.8	73.2	
227	63.7	51.1	76.7	





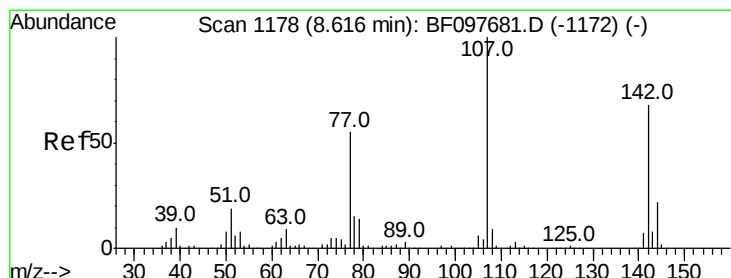
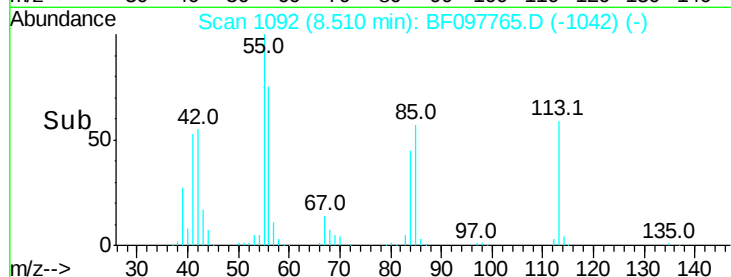
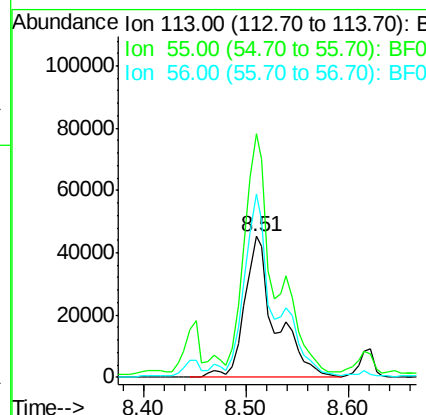
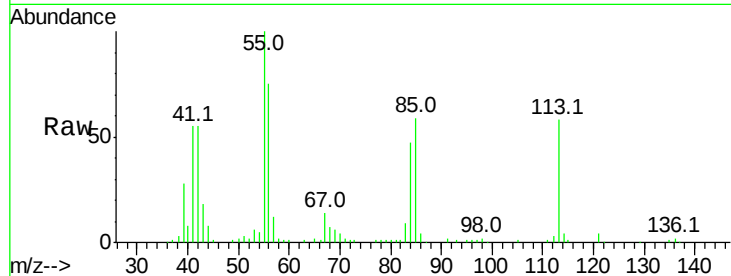
#35
 Caprolactam
 Concen: 37.848 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	172.6	150.2	190.2
56	129.8	107.8	147.8

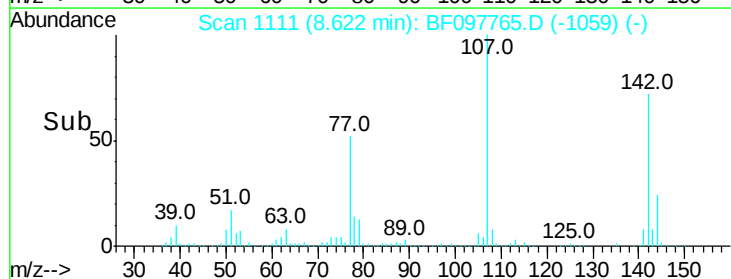
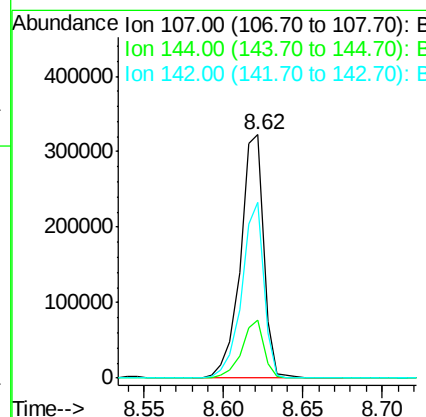
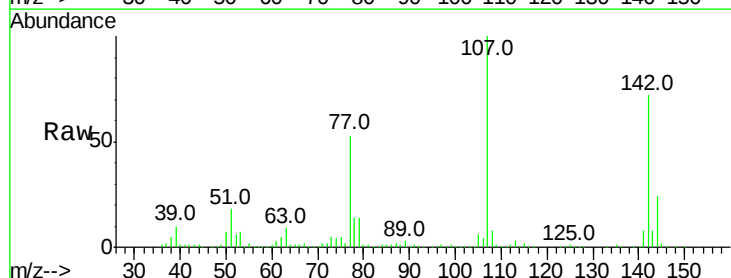
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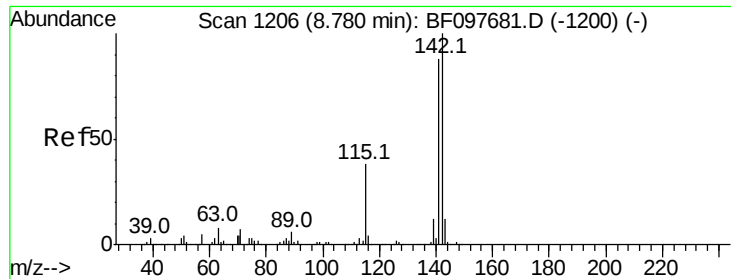
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#36
 4-Chloro-3-methylphenol
 Concen: 34.715 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	24.2	36.4#
142	72.3	73.4	110.0#





#37

2-Methylnaphthalene

Concen: 39.991 ng

RT: 8.78 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

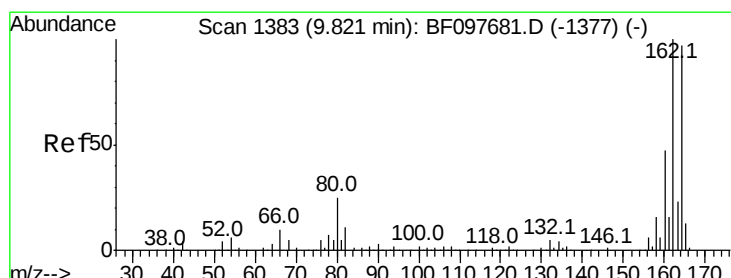
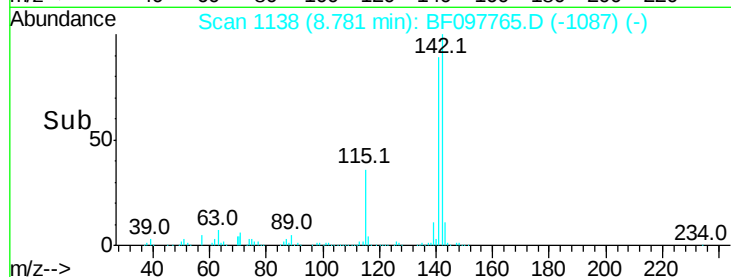
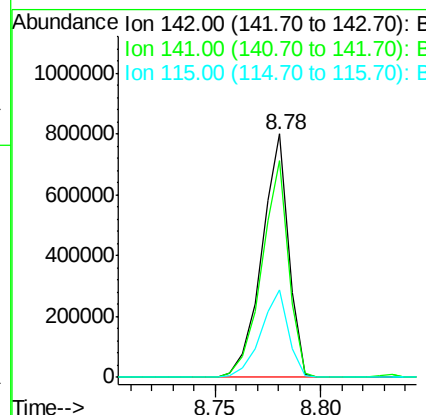
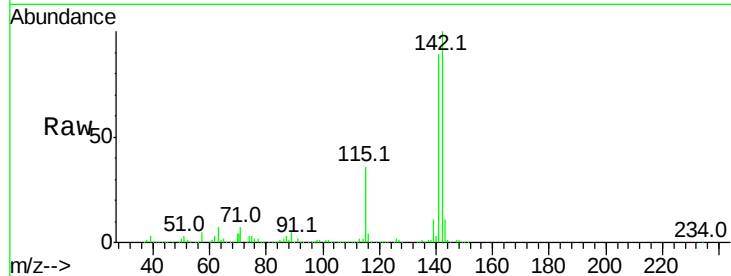
Instrument :
BNA_F

ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	709533		
141	89.1	71.3	106.9	
115	35.9	27.1	40.7	

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#38

Acenaphthene-d10

Concen: 20.000 ng

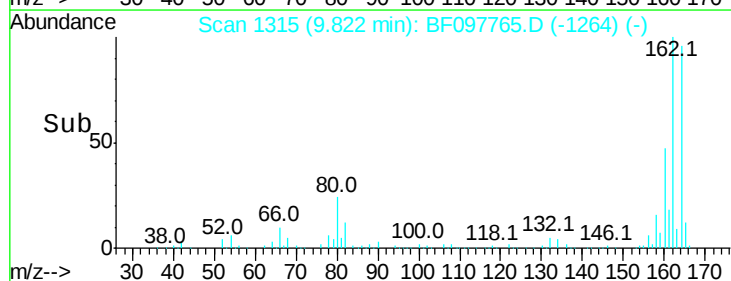
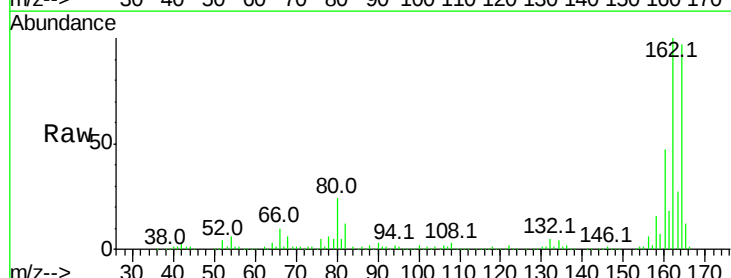
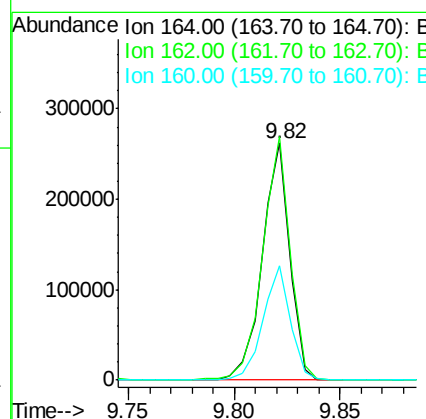
RT: 9.82 min Scan# 1315

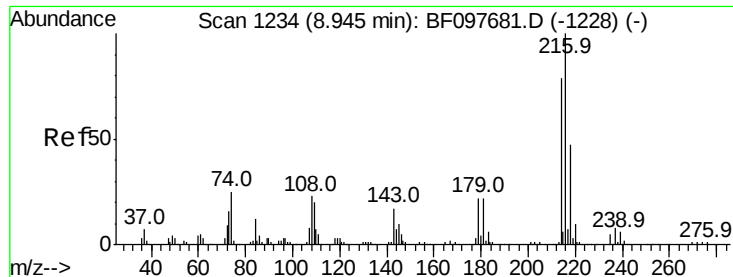
Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	236417		
162	102.7	82.6	123.8	
160	48.0	36.2	54.2	





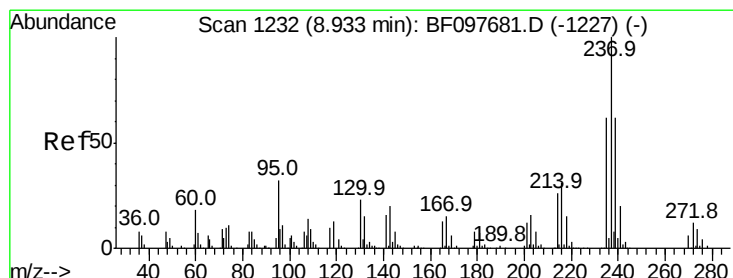
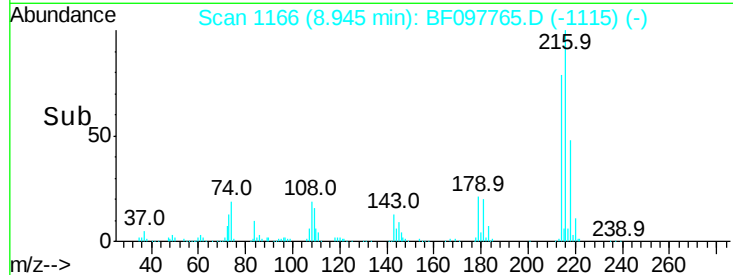
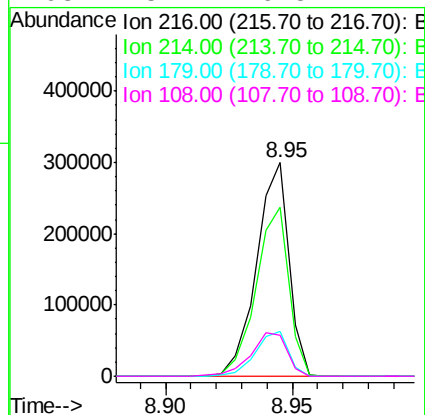
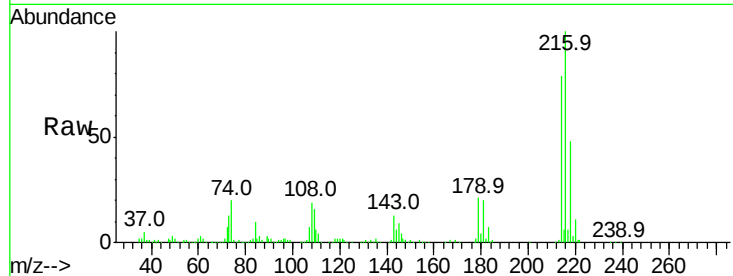
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.915 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	63.4	95.2
179	21.3	17.9	26.9
108	23.1	16.5	24.7

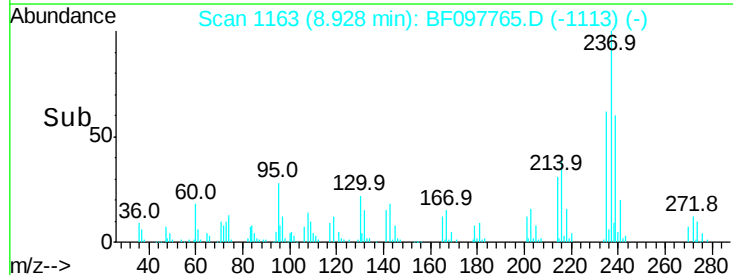
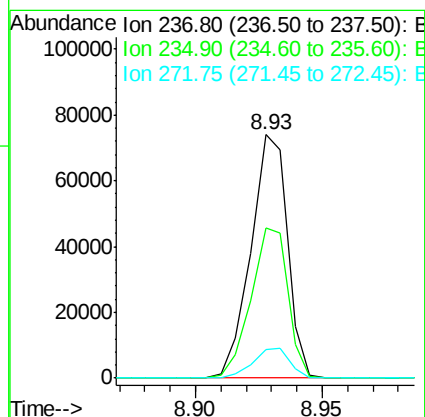
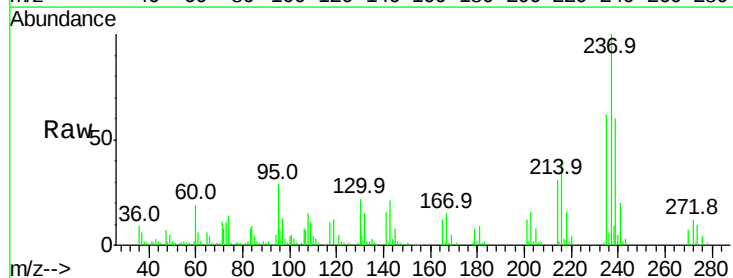
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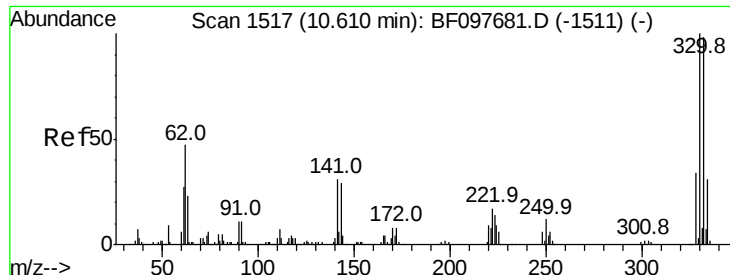
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#40
 Hexachlorocyclopentadiene
 Concen: 21.343 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.5	42.6	82.6
272	11.7	0.0	31.9





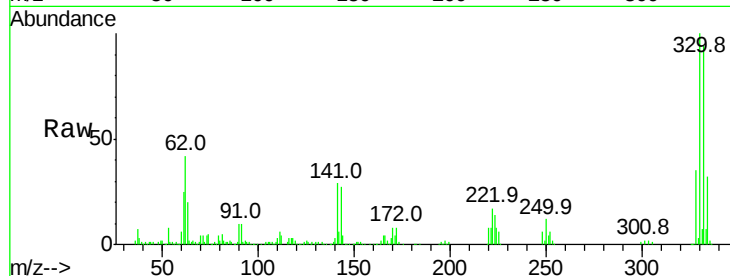
#41
 2,4,6-Tribromophenol
 Concen: 103.734 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

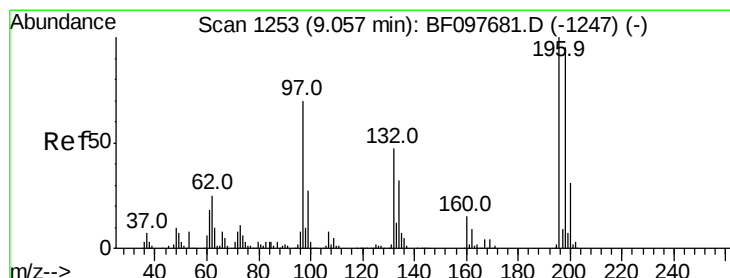
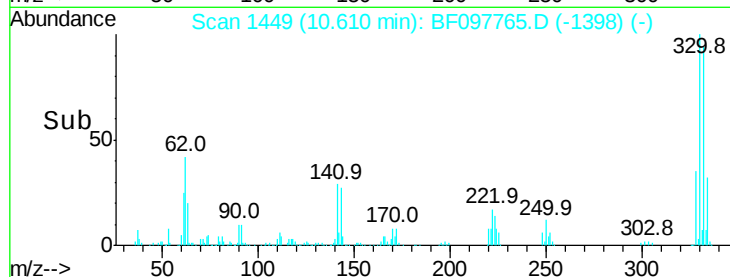
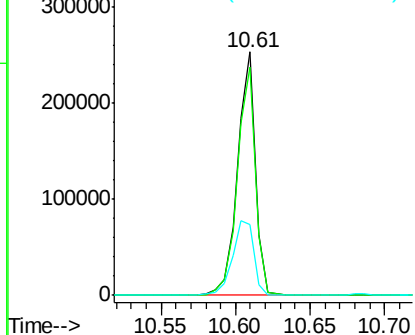
Tot Ion	Ratio	Resp	Lower	Upper
330	100	212790		
332	95.6	76.6	115.0	
141	37.5	31.4	47.2	

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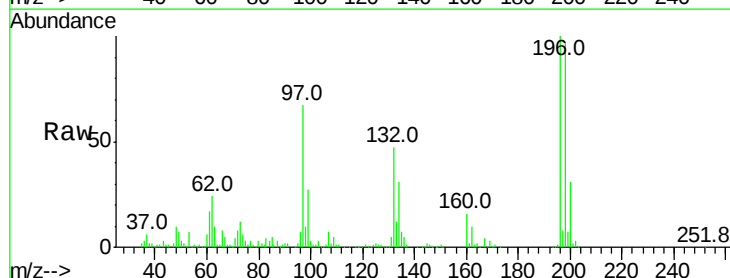


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

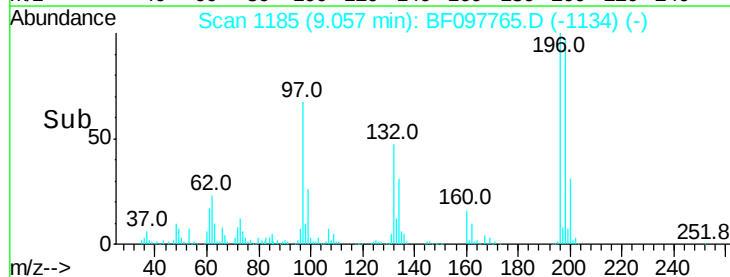
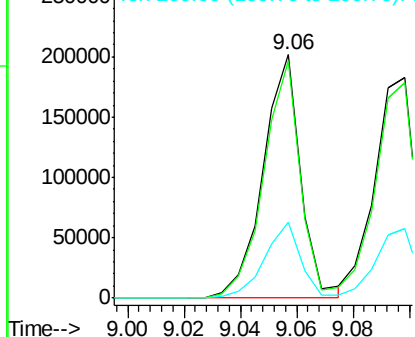


#42
 2,4,6-Trichlorophenol
 Concen: 38.193 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186045		
198	97.5	74.2	111.4	
200	31.2	24.0	36.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





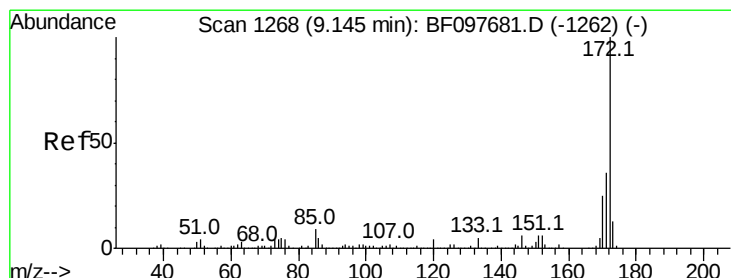
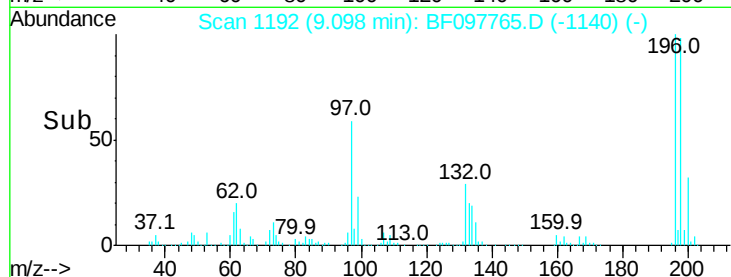
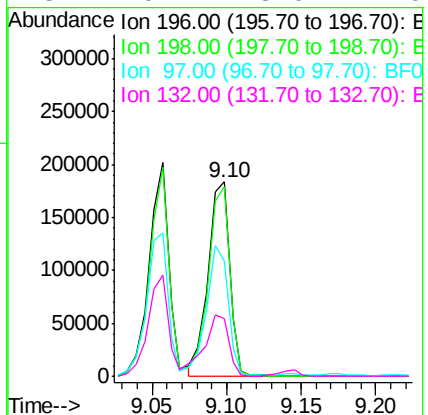
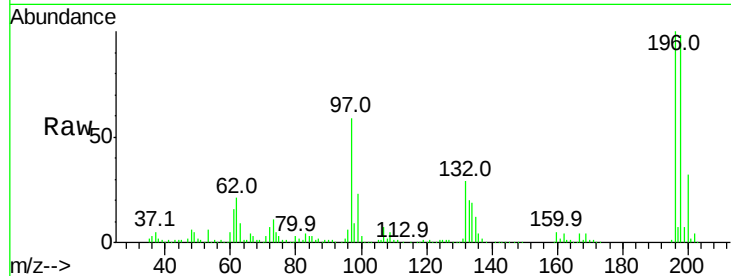
#43
 2,4,5-Trichlorophenol
 Concen: 38.388 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	196	Resp	185511
Ion Ratio	Lower	Upper	
196	100		
198	97.6	75.7	113.5
97	59.1	47.7	71.5
132	29.4	28.0	42.0

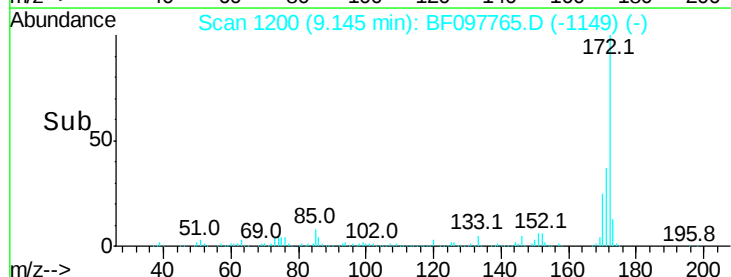
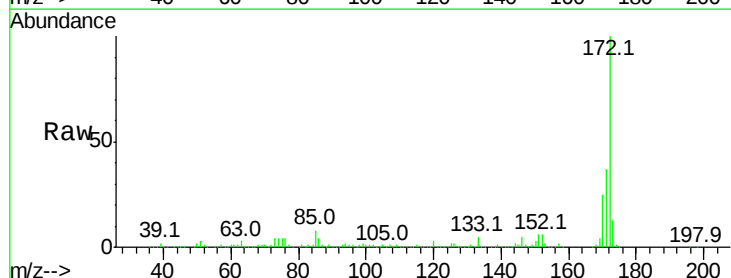
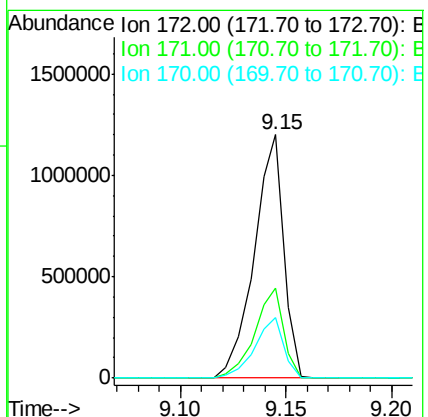
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 72.530 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	172	Resp	1167111
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8





#45

1,1'-Biphenyl

Concen: 35.611 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

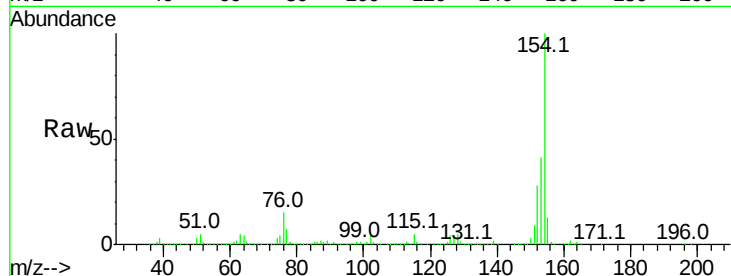
ClientSampleId :

E2-J10-SSWMSD

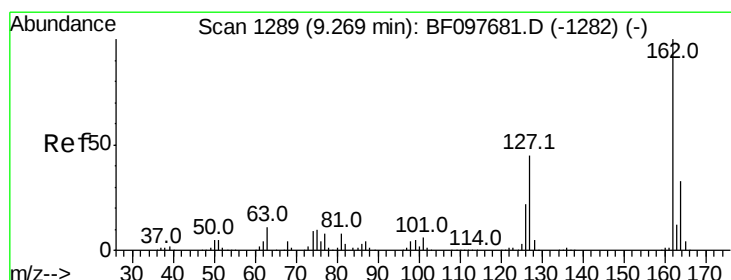
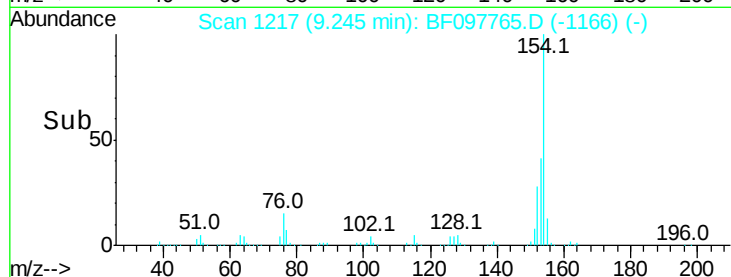
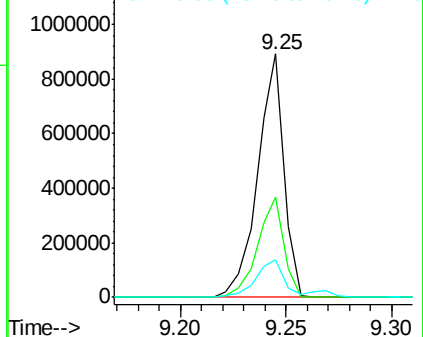
Tot Ion:	154	Resp:	767747
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.2	61.2
76	15.4	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 34.547 ng

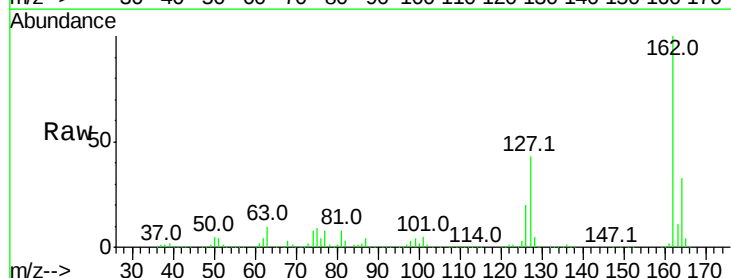
RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

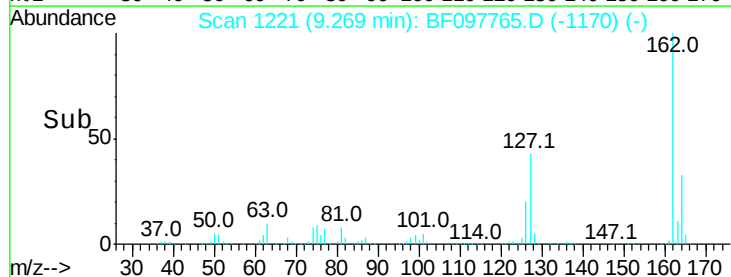
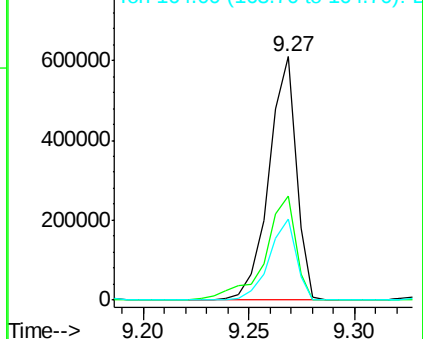
Lab File: BF097765.D

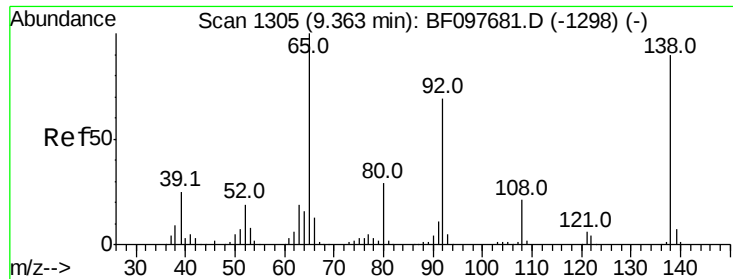
Acq: 17 Aug 2017 4:03

Tgt Ion:	162	Resp:	550317
Ion Ratio	Lower	Upper	
162	100		
127	42.6	28.3	42.5#
164	33.0	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





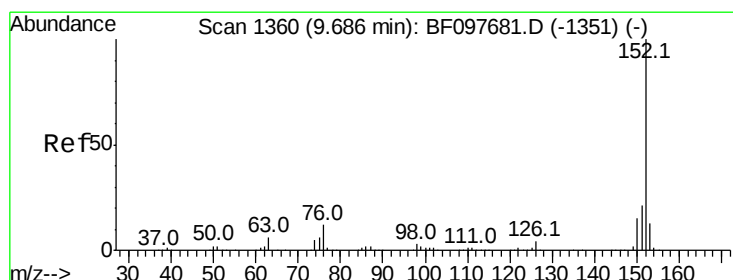
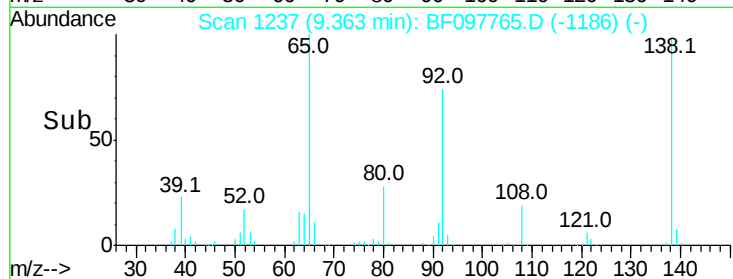
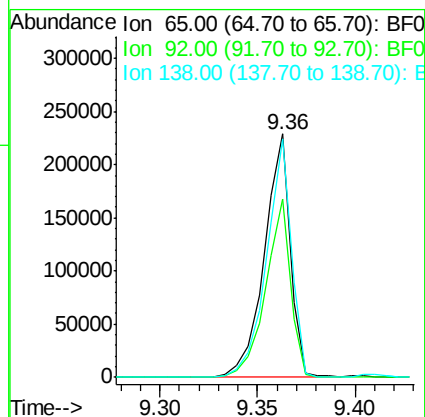
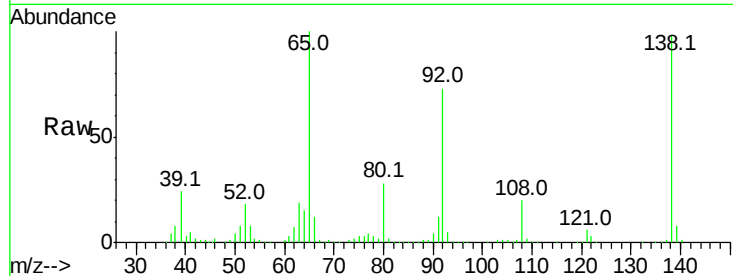
#47
2-Nitroaniline
Concen: 39.406 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.9	80.9
138	97.9	78.8	118.2

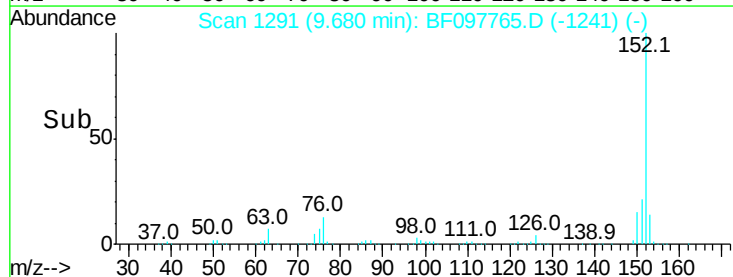
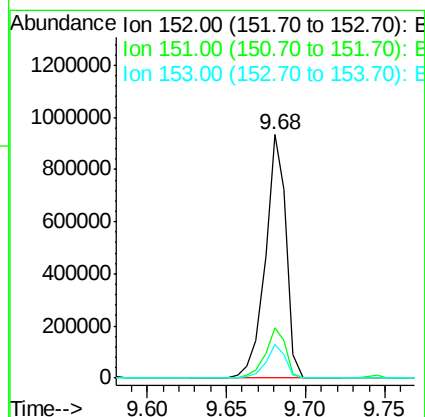
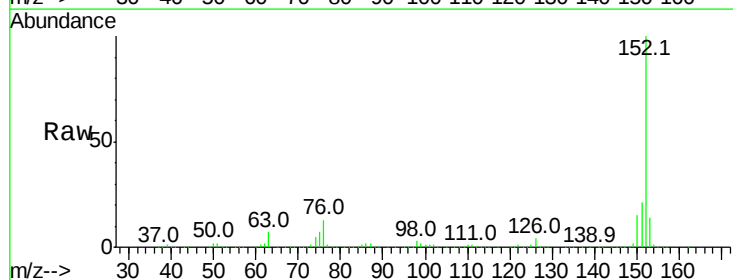
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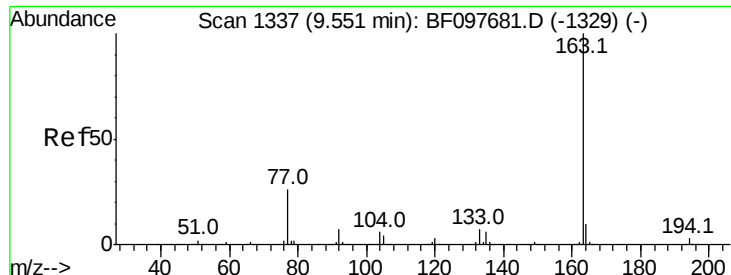
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#48
Acenaphthylene
Concen: 34.152 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.7	10.8	16.2





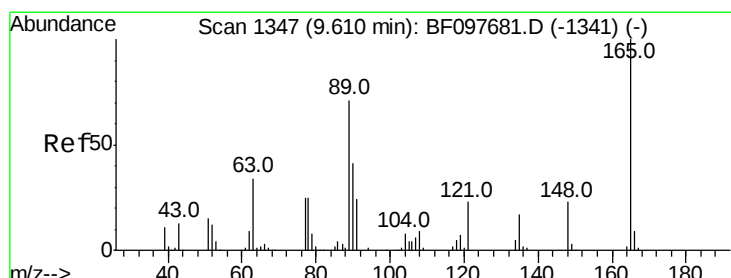
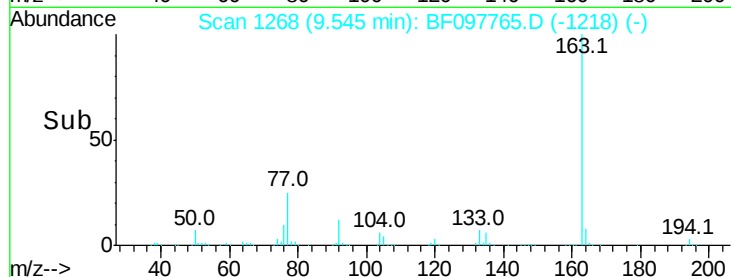
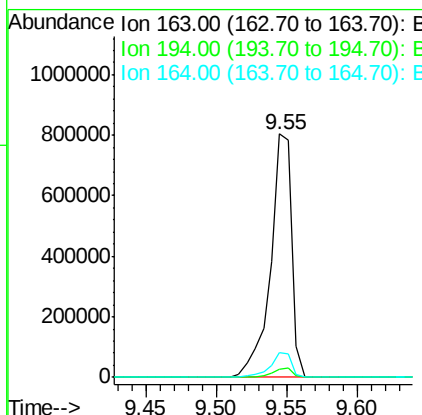
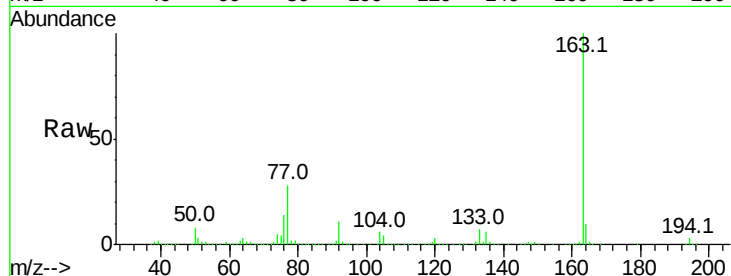
#49
 Dimethylphthalate
 Concen: 48.828 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleID :
 E2-J10-SSWMSD

Tot Ion	163	Resp	843808
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.6	4.0
164	10.4	8.4	12.6

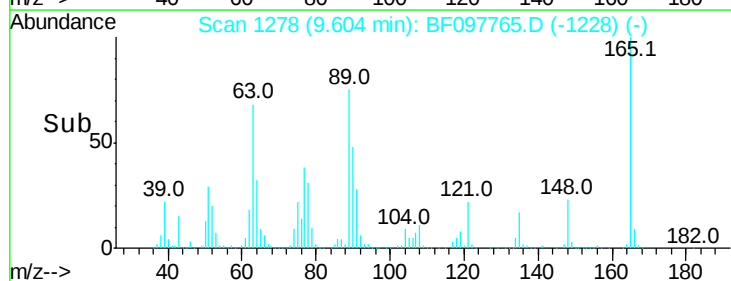
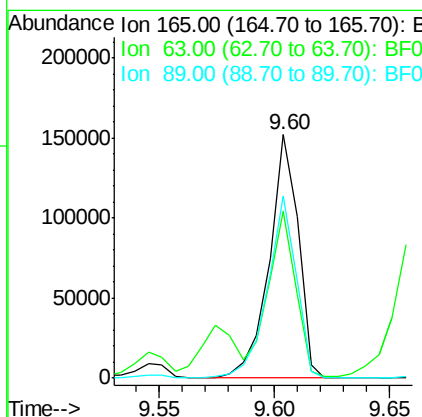
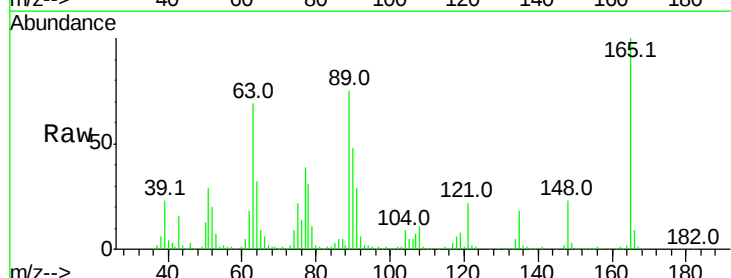
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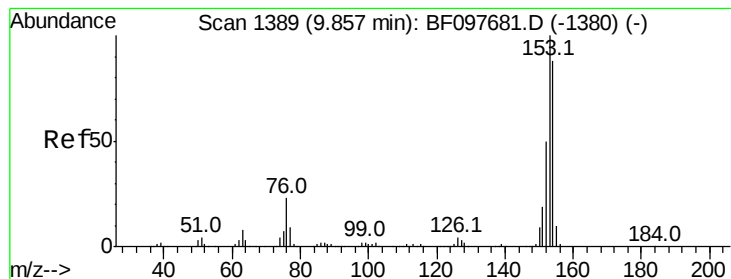
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#50
 2,6-Dinitrotoluene
 Concen: 38.515 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	165	Resp	132858
Ion Ratio	Lower	Upper	
165	100		
63	68.5	34.3	51.5#
89	75.1	37.1	55.7#





#51

Acenaphthene

Concen: 34.050 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

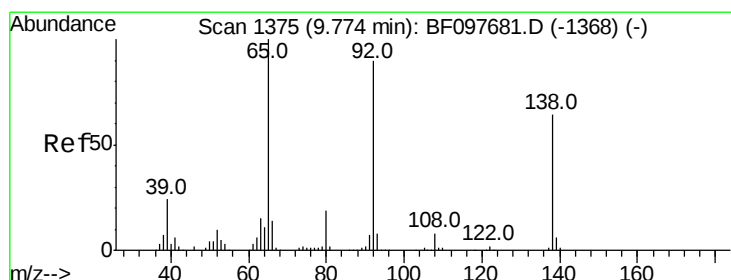
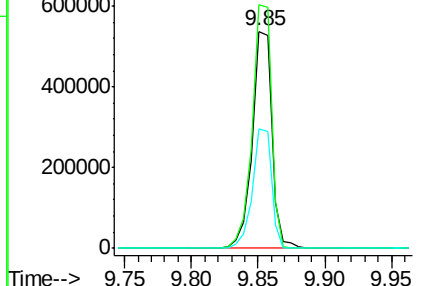
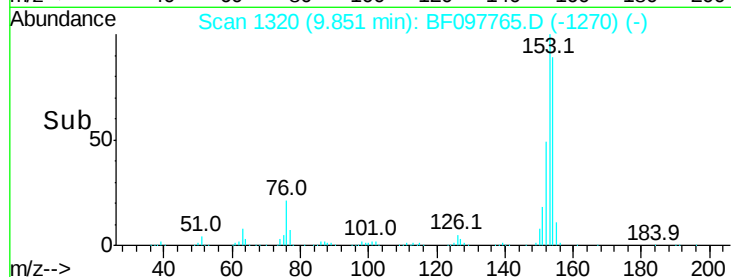
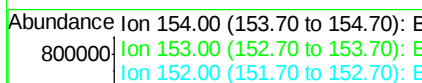
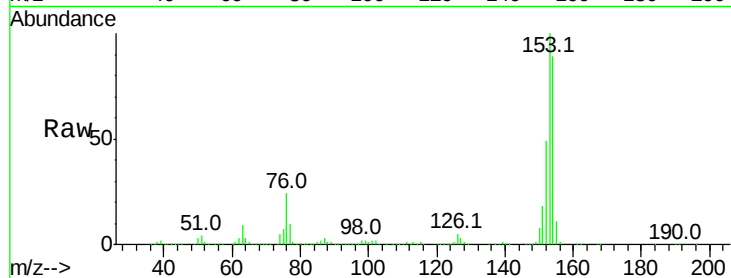
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	154	Resp:	537189
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.5	135.7
152	55.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 22.857 ng

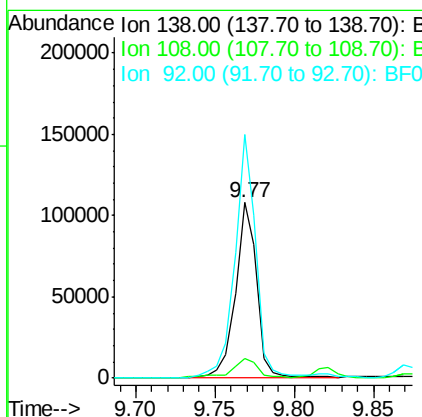
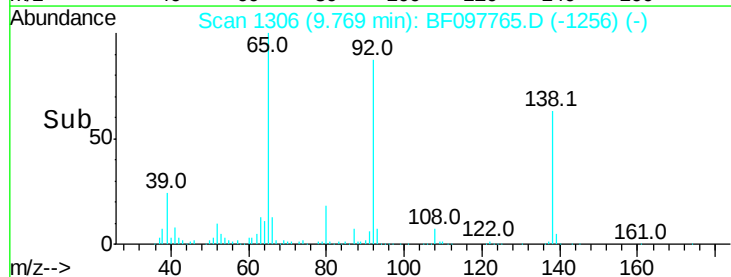
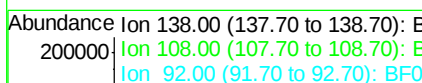
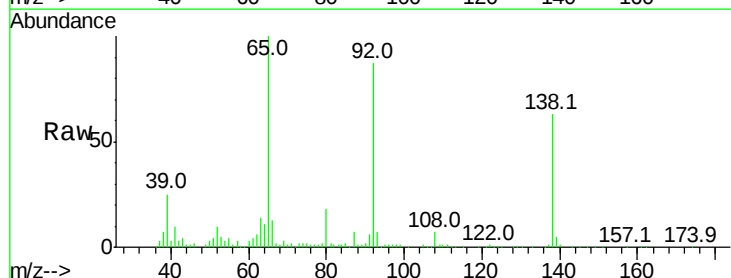
RT: 9.77 min Scan# 1306

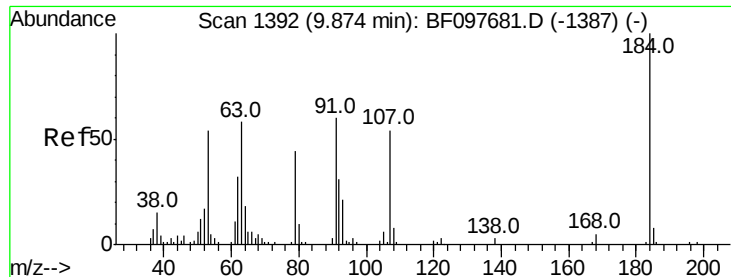
Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	138	Resp:	101728
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.1	13.7
92	138.8	93.8	140.6





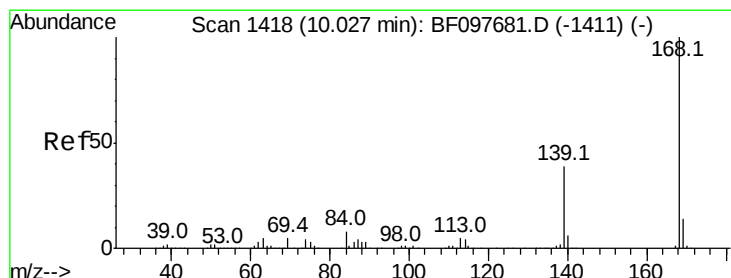
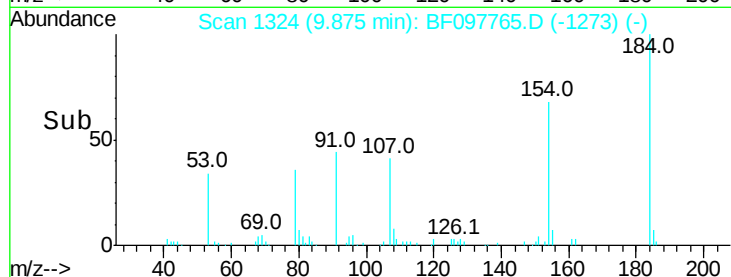
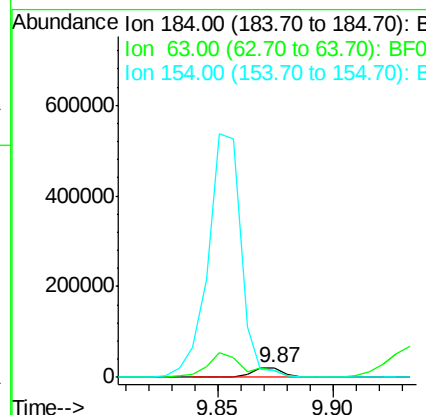
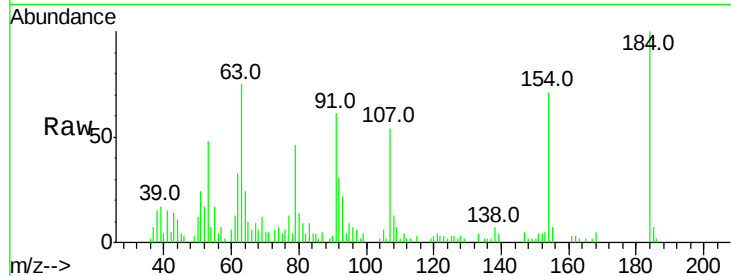
#53
 2,4-Dinitrophenol
 Concen: 20.709 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	75.2	62.7	94.1
154	70.7	81.1	121.7#

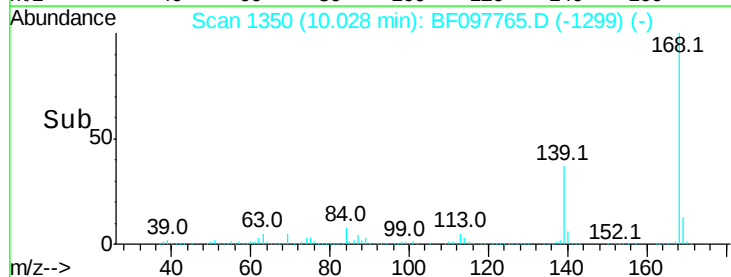
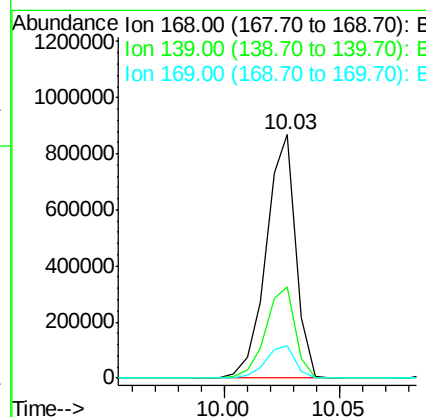
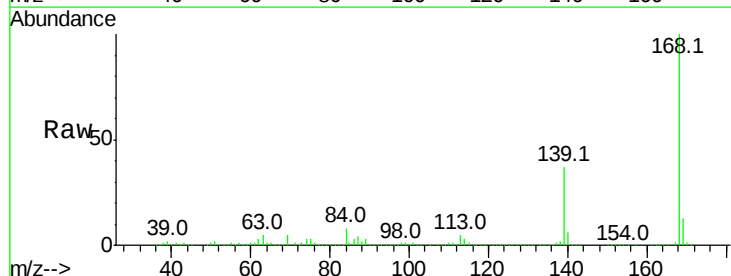
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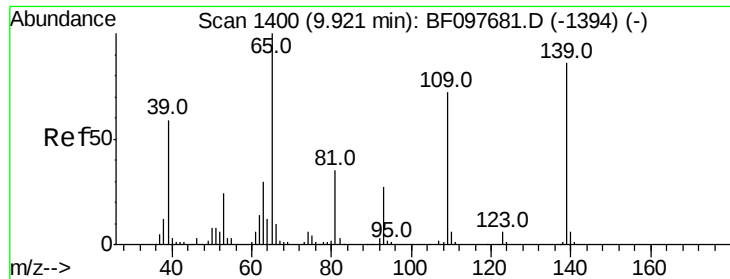
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#54
 Dibenzofuran
 Concen: 36.482 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.6	45.8
169	13.5	10.8	16.2





#55

4-Nitrophenol

Concen: 60.931 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion:139 Resp: 216323
Ion Ratio Lower Upper

139 100

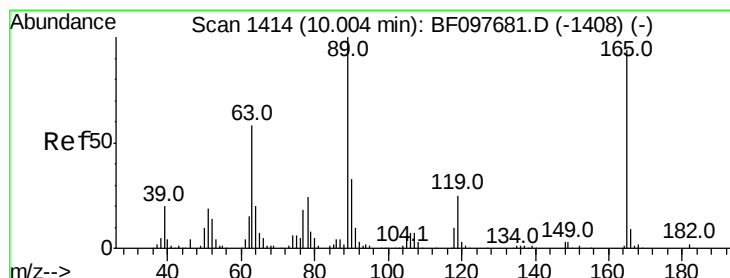
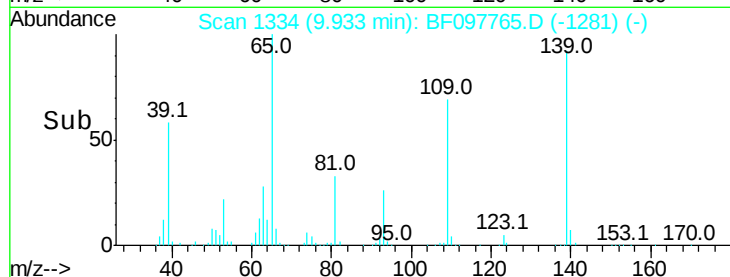
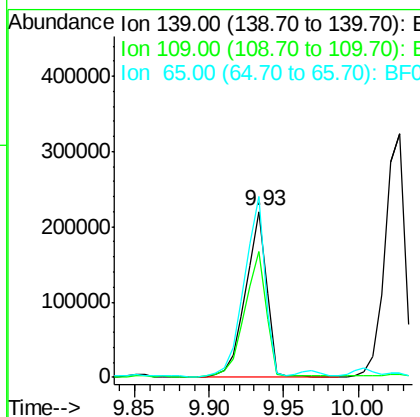
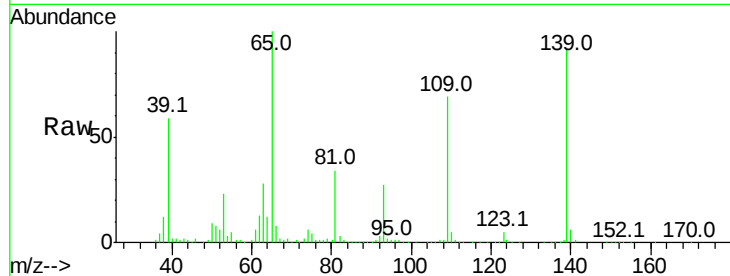
109 75.6 34.1 74.1#

65 109.1 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 38.074 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

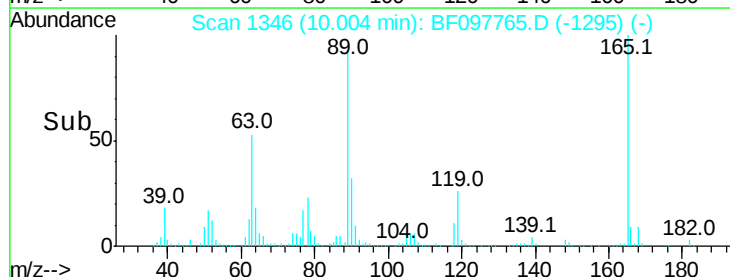
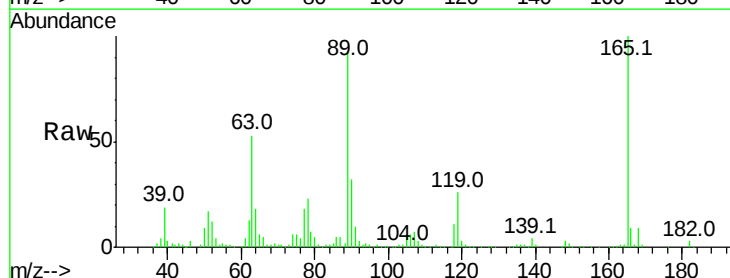
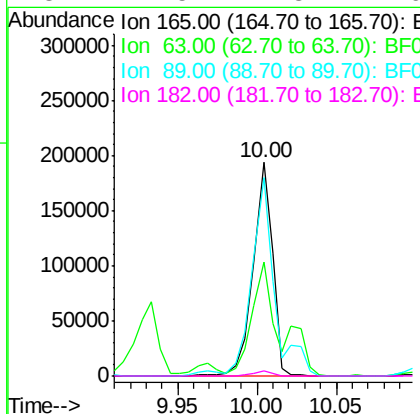
Tgt Ion:165 Resp: 164824
Ion Ratio Lower Upper

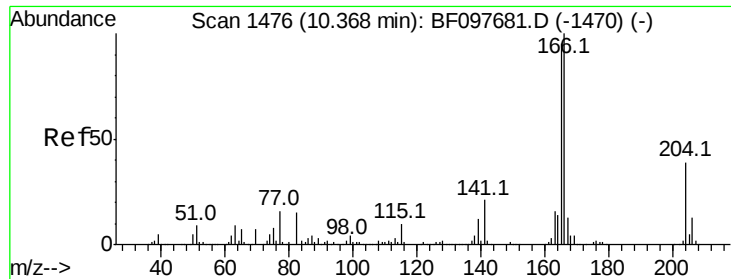
165 100

63 53.3 25.4 38.0#

89 93.2 46.4 69.6#

182 2.5 1.8 2.6





#57

Fluorene

Concen: 34.316 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

ClientSampleId :

E2-J10-SSWMSD

Tot Ion:166 Resp: 560987

Ion Ratio Lower Upper

166 100

165 94.1 78.8 118.2

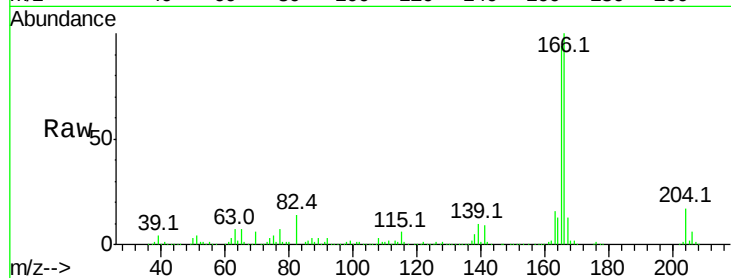
167 13.4 10.6 16.0

Manual Integrations

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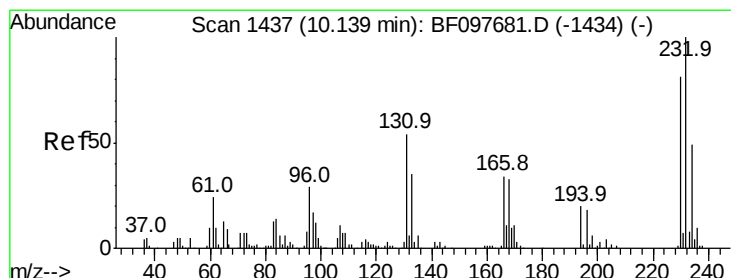
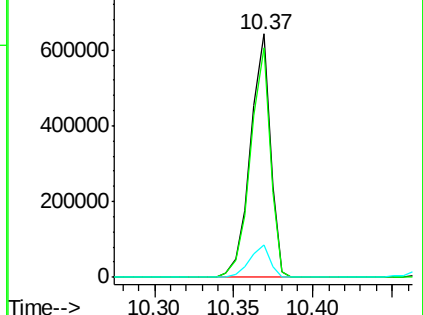
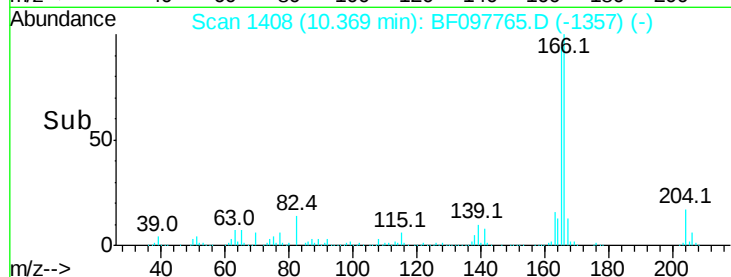
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 38.992 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:232 Resp: 145888

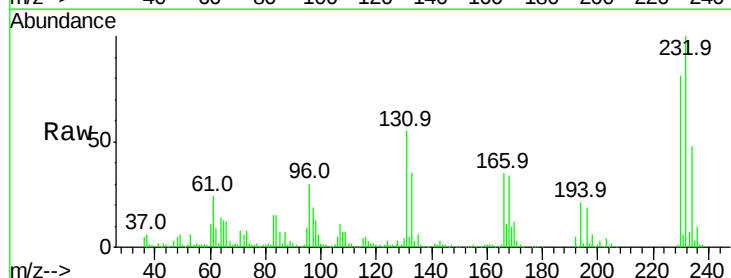
Ion Ratio Lower Upper

232 100

131 49.5 44.8 67.2

130 3.6 2.3 3.5#

166 32.5 29.0 43.4

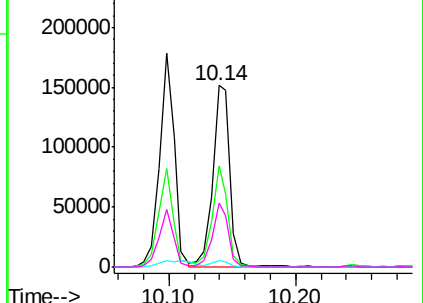
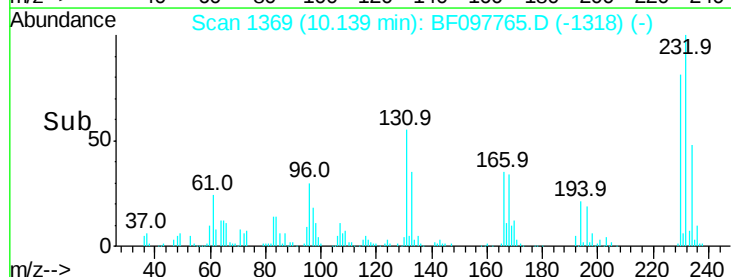


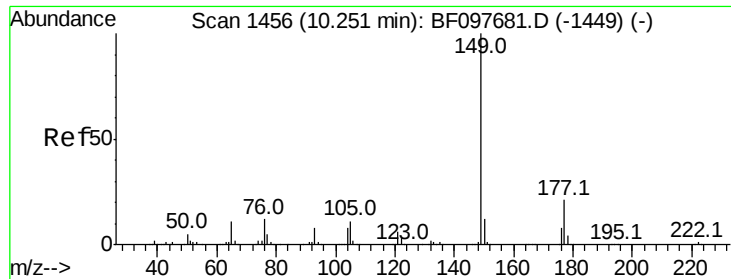
Abundance Ion 232.00 (231.70 to 232.70): E

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





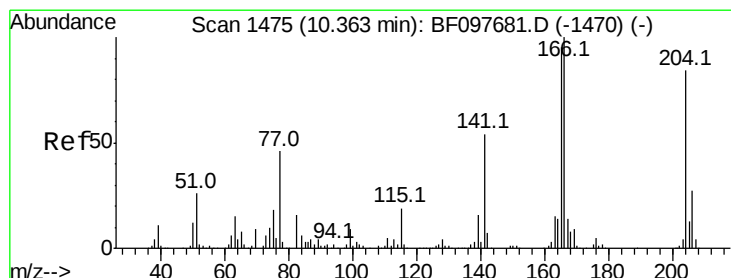
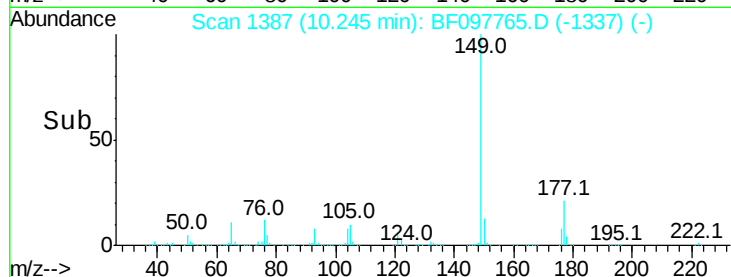
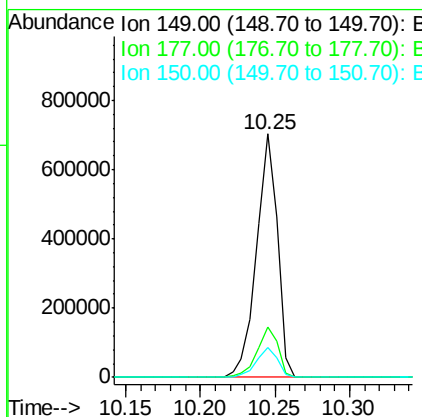
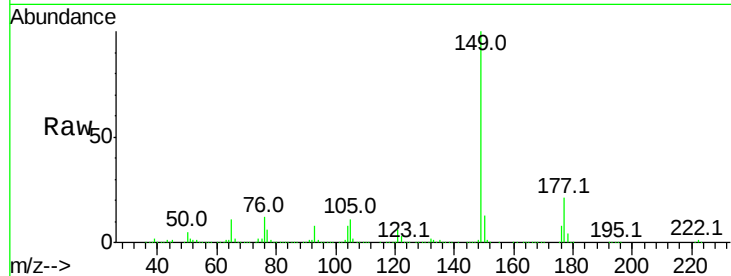
#59
Diethylphthalate
Concen: 37.457 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	676911		
177	20.6	16.7	25.1	
150	12.5	10.2	15.2	

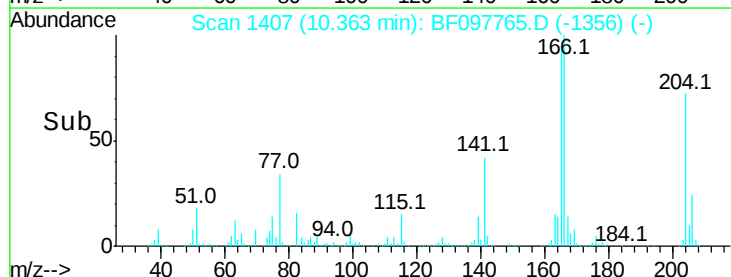
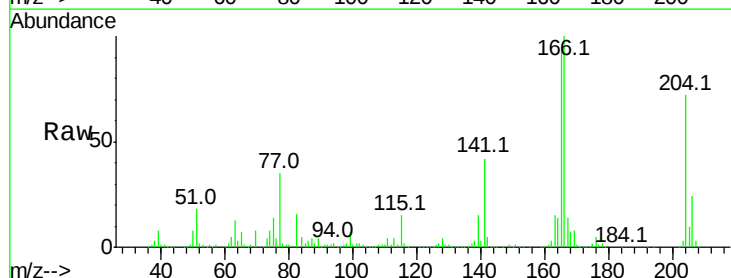
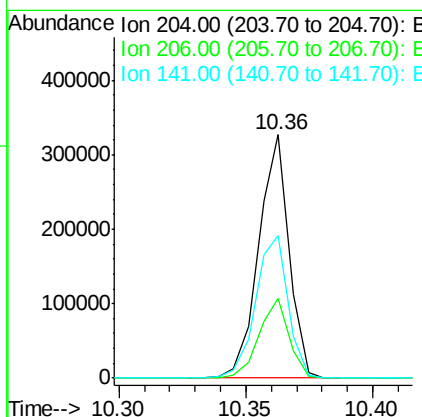
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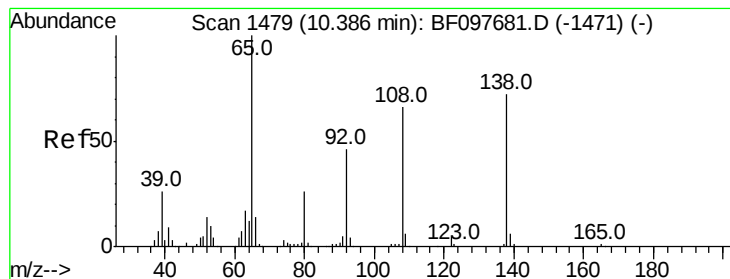
Sohil
8/17/2017 5:58:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.728 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	271340		
206	32.7	26.2	39.2	
141	58.6	60.8	91.2#	





#61

4-Nitroaniline

Concen: 29.190 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

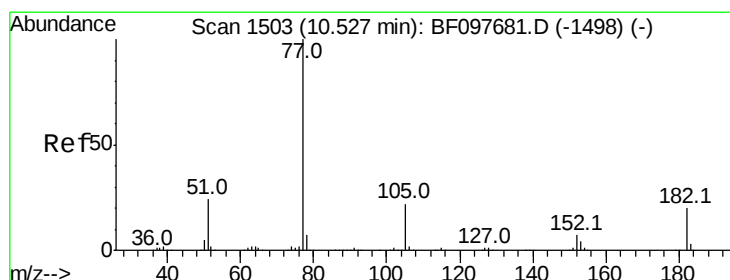
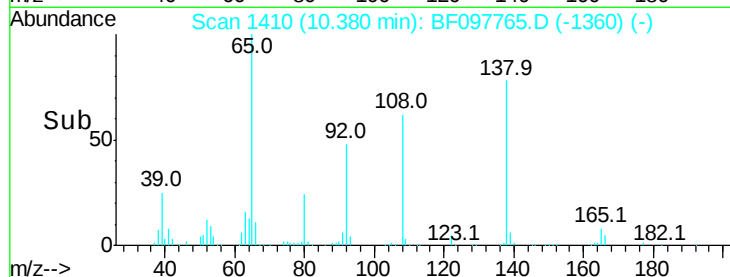
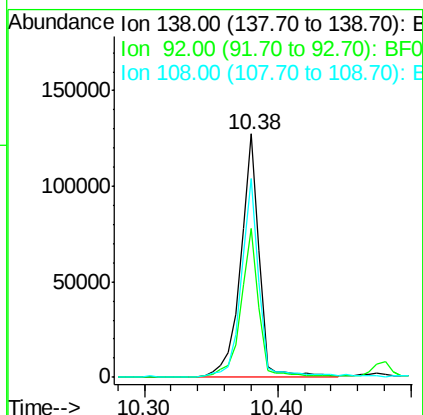
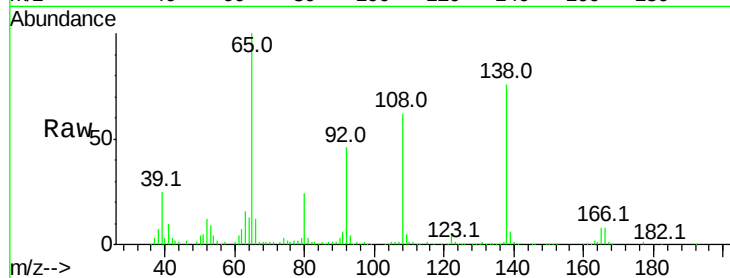
ClientSampleId :

E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	123471		
92	61.1	21.8	61.8	
108	81.4	42.3	82.3	

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#62

Azobenzene

Concen: 35.031 ng

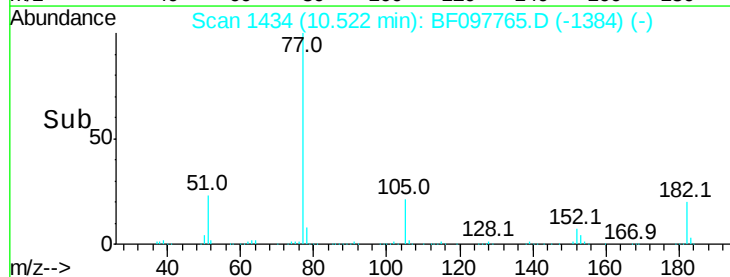
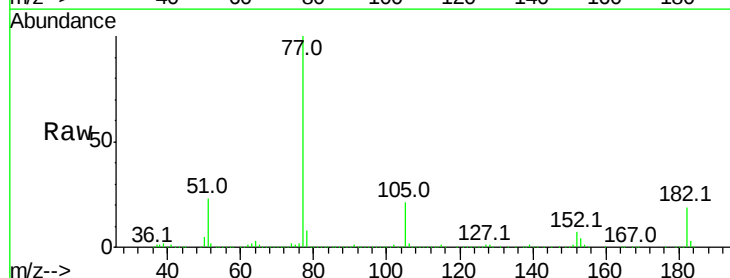
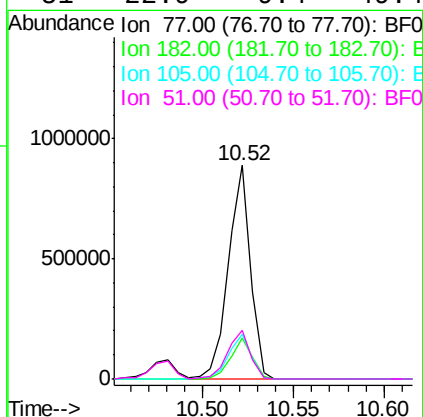
RT: 10.52 min Scan# 1434

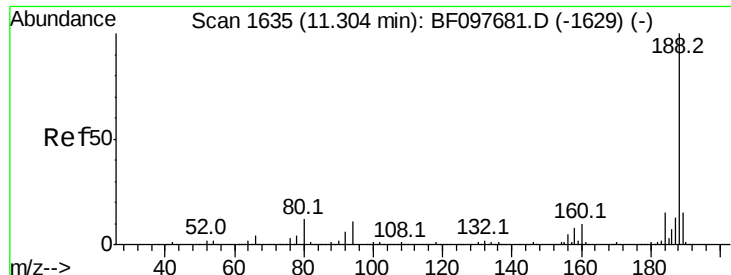
Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	751990		
182	19.5	0.1	40.1	
105	21.3	3.6	43.6	
51	22.9	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

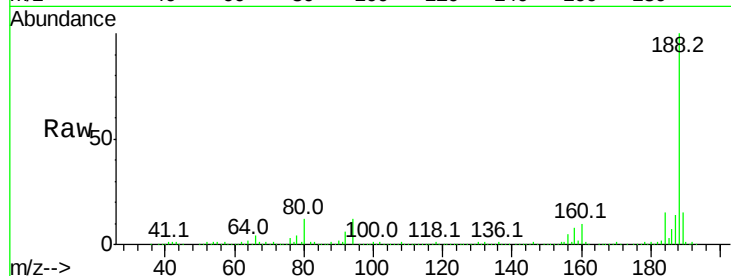
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	188	Resp:	365170
Ion Ratio	Lower	Upper	
188	100		
94	11.8	9.4	14.2
80	12.3	10.2	15.2

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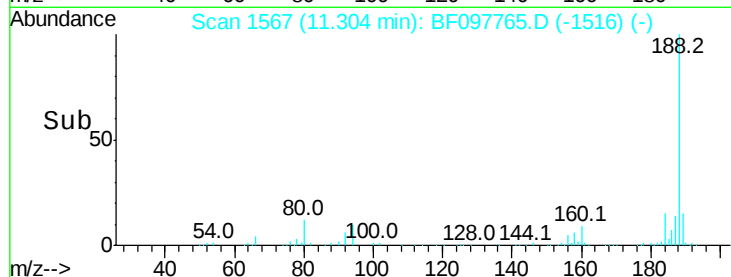


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



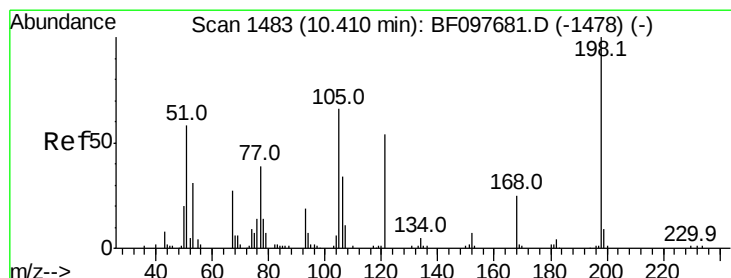
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 16.360 ng

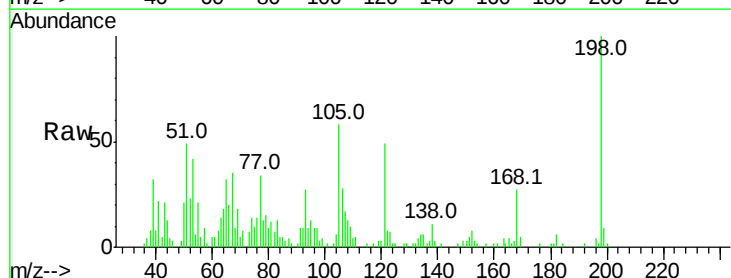
RT: 10.41 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	198	Resp:	16735
Ion Ratio	Lower	Upper	
198	100		
51	48.8	53.2	93.2#
105	57.6	45.8	85.8

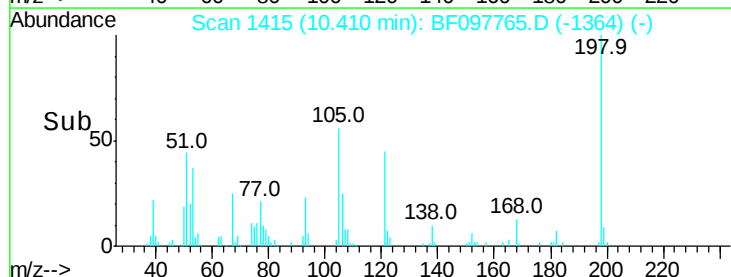


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



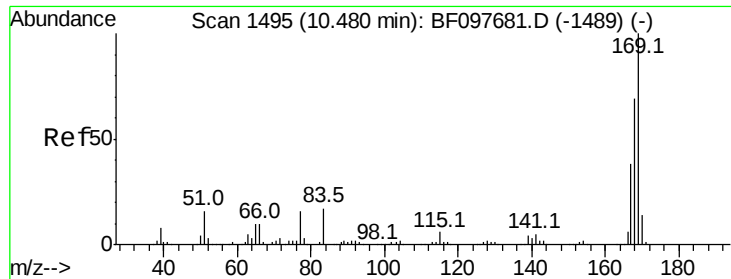
Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



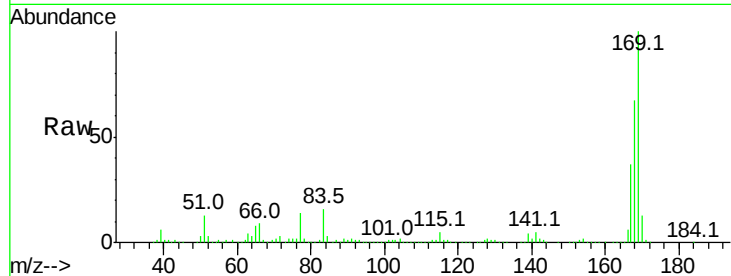
#65
 n-Nitrosodiphenylamine
 Concen: 40.598 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

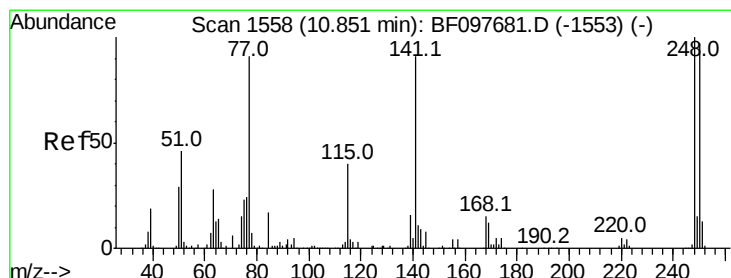
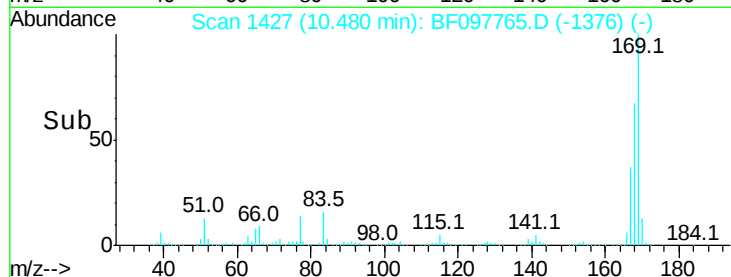
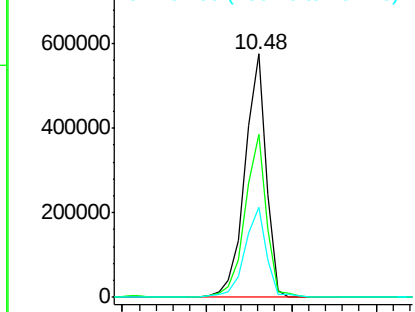
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.9	53.2	79.8	
167	37.0	29.5	44.3	

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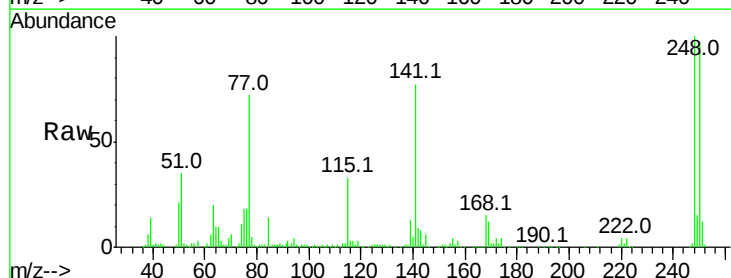


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

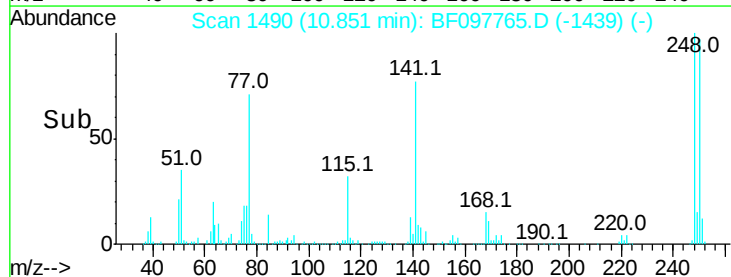
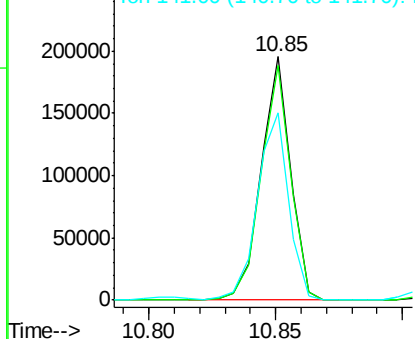


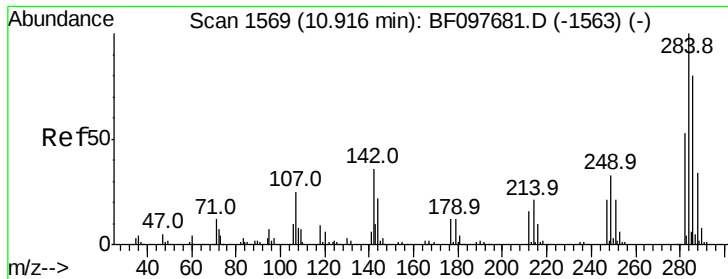
#66
 4-Bromophenyl-phenylether
 Concen: 41.535 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.6	76.8	115.2	
141	77.1	68.6	103.0	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.807 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

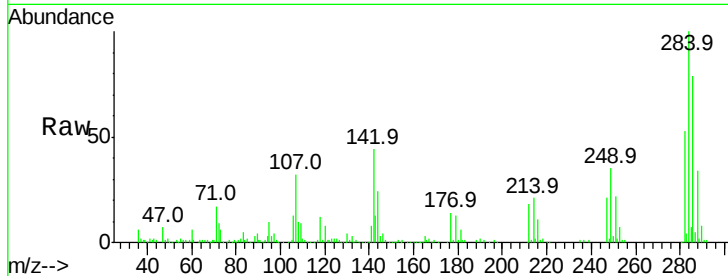
ClientSampleId :

E2-J10-SSWMSD

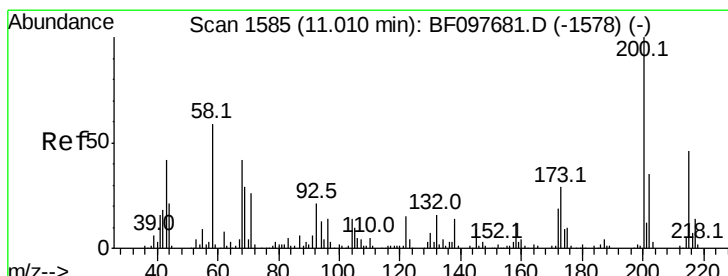
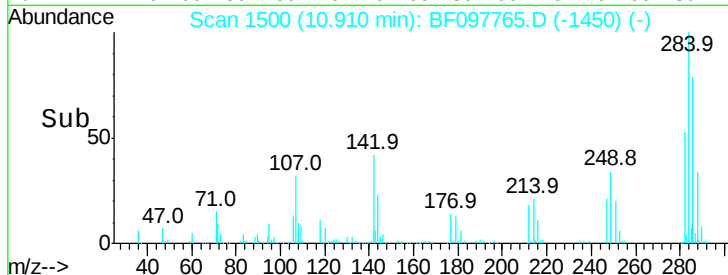
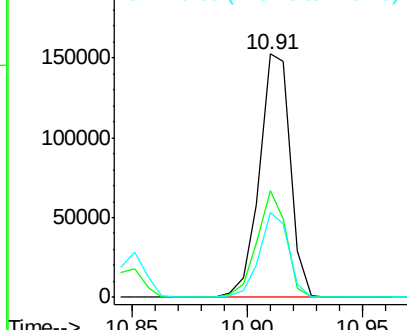
Tot Ion:	284	Resp:	142261
Ion Ratio		Lower	Upper
284	100		
142	43.9	22.8	34.2#
249	35.0	24.0	36.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.772 ng

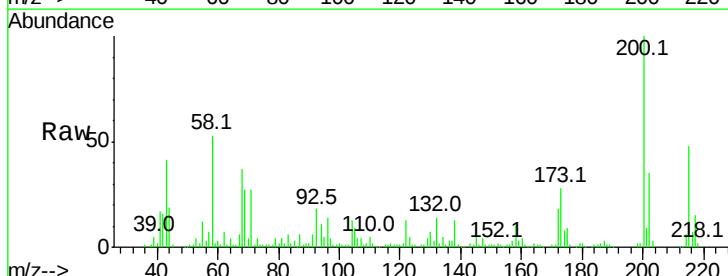
RT: 11.02 min Scan# 1518

Delta R.T. 0.01 min

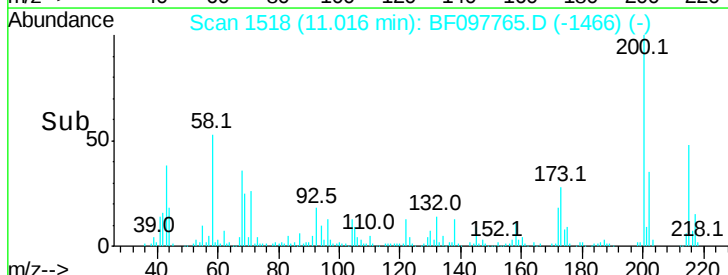
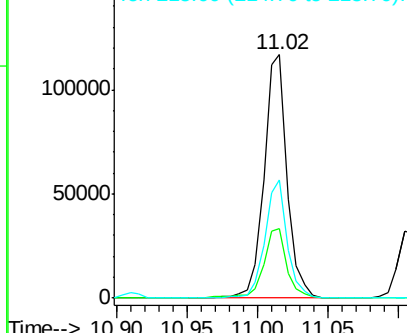
Lab File: BF097765.D

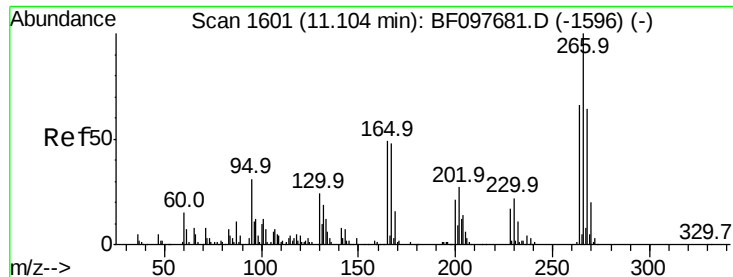
Acq: 17 Aug 2017 4:03

Tgt Ion:	200	Resp:	134458
Ion Ratio		Lower	Upper
200	100		
173	28.4	6.3	46.3
215	48.5	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





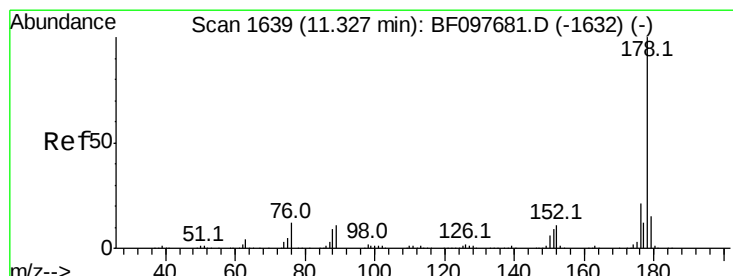
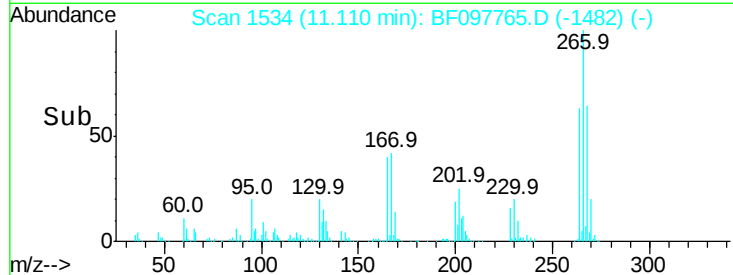
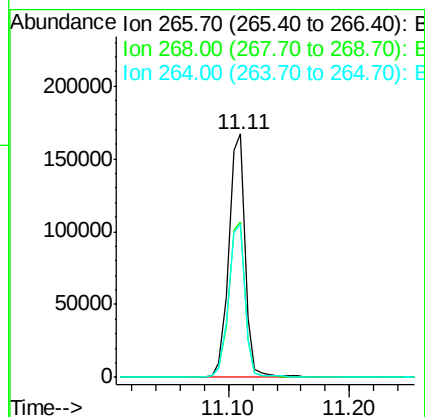
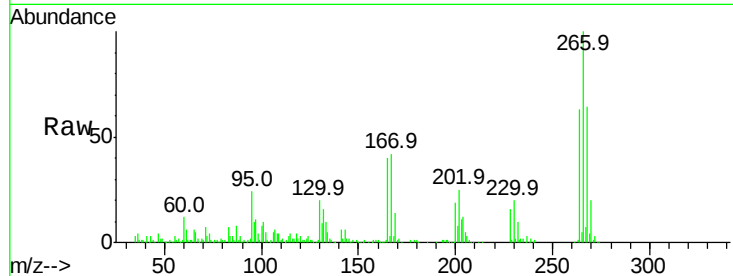
#69
 Pentachlorophenol
 Concen: 69.994 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion:	266	Resp:	157736
Ion Ratio		Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.7	51.7	77.5

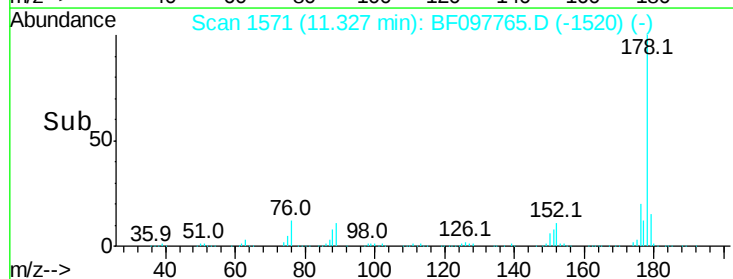
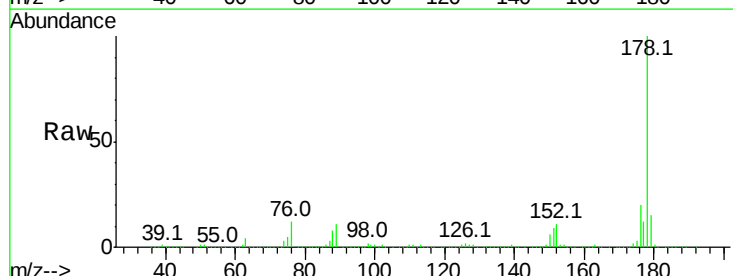
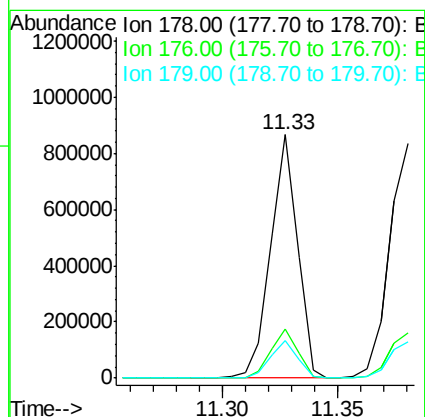
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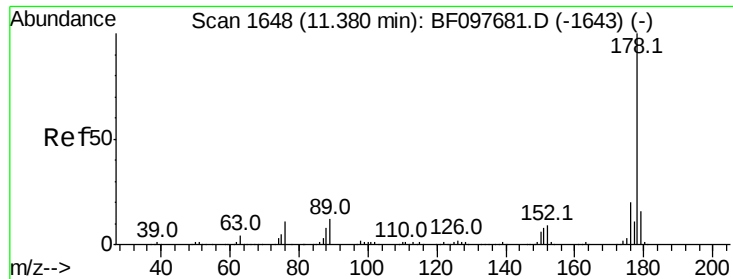
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#70
 Phenanthrene
 Concen: 36.289 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion:	178	Resp:	706150
Ion Ratio		Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.4	12.6	19.0





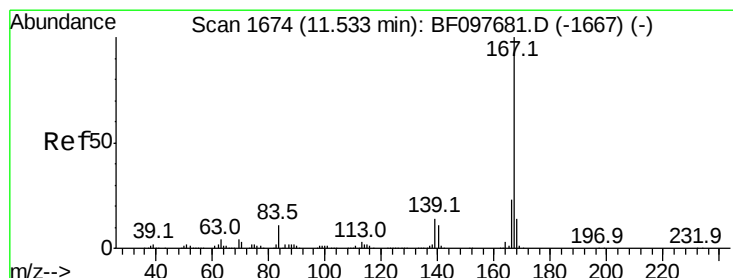
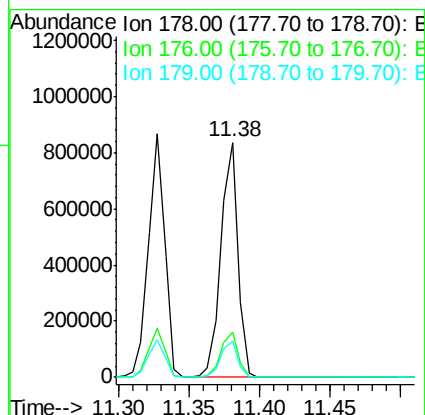
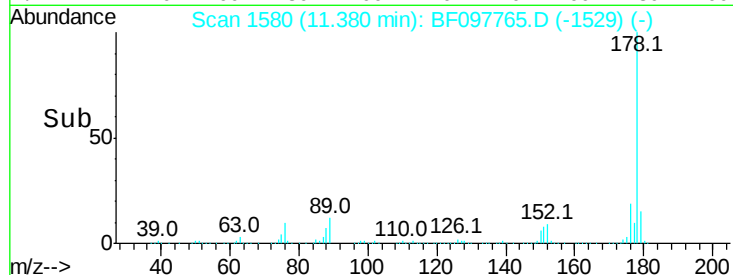
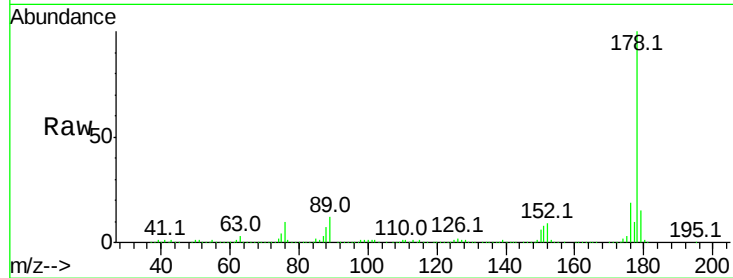
#71
 Anthracene
 Concen: 35.625 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.4	12.7	19.1

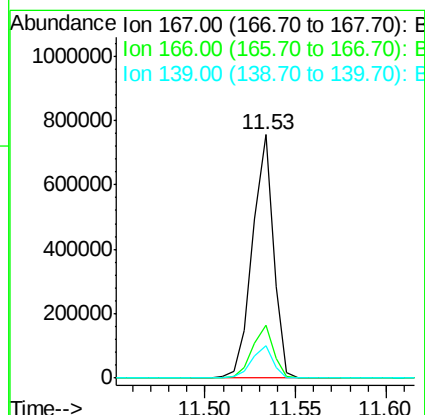
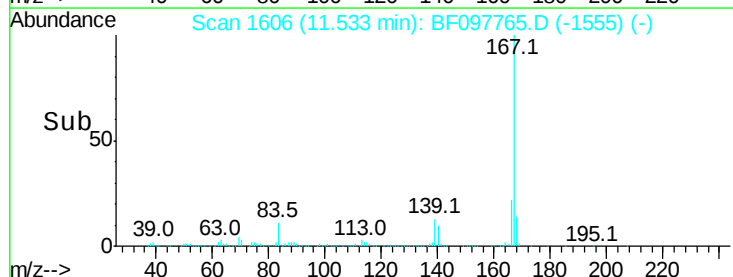
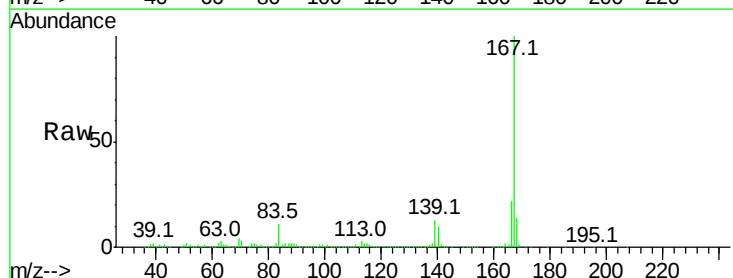
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#72
 Carbazole
 Concen: 32.666 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.2	11.7	17.5





#73

Di-n-butylphthalate

Concen: 32.081 ng

RT: 11.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

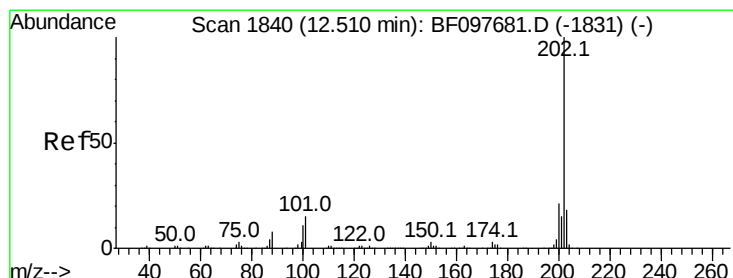
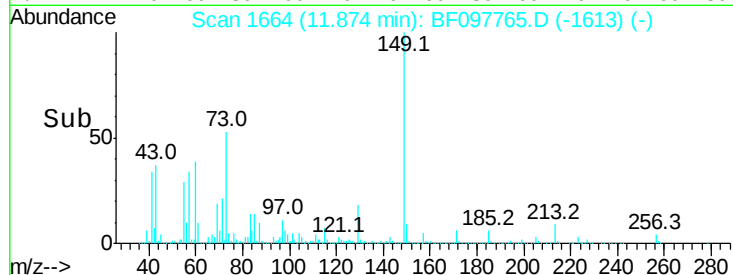
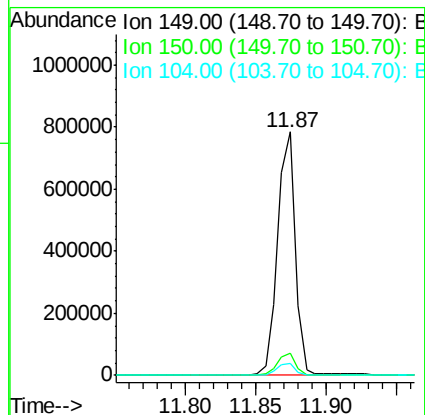
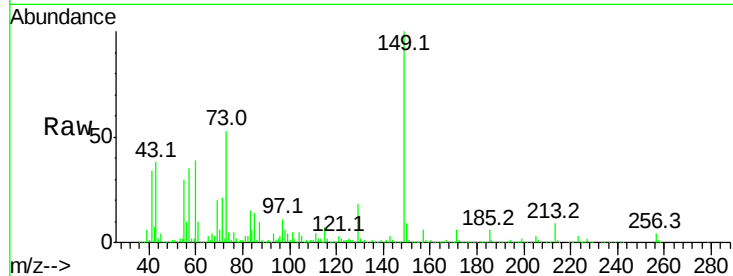
ClientSampled :

E2-J10-SSWMSD

Tot Ion:	149	Resp:	692269
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.7	11.5
104	4.7	4.0	6.0

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#74

Fluoranthene

Concen: 30.933 ng

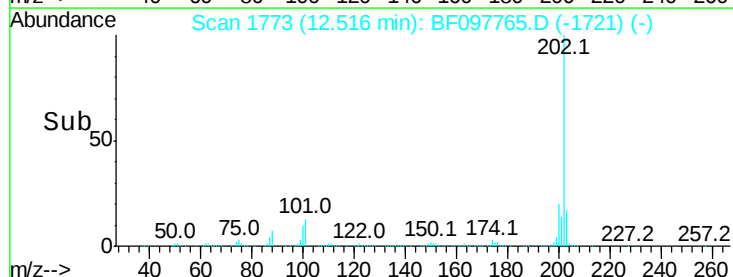
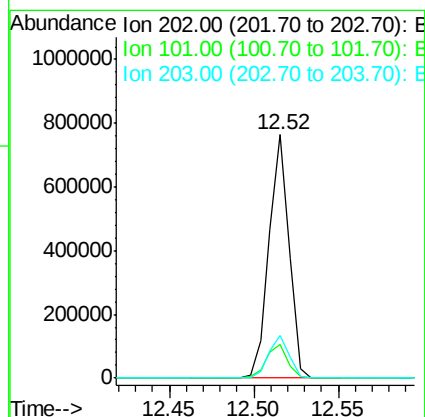
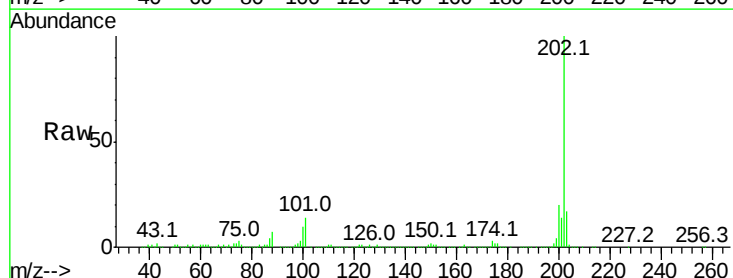
RT: 12.52 min Scan# 1773

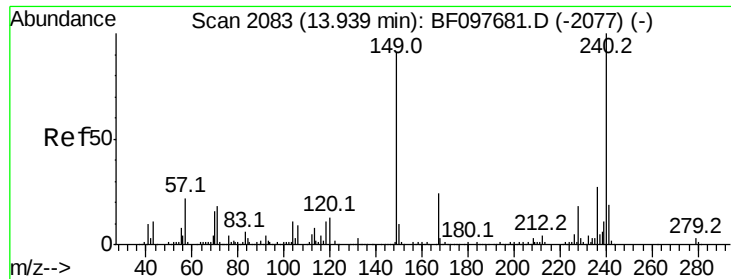
Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	202	Resp:	628264
Ion Ratio	Lower	Upper	
202	100		
101	13.7	0.0	33.2
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

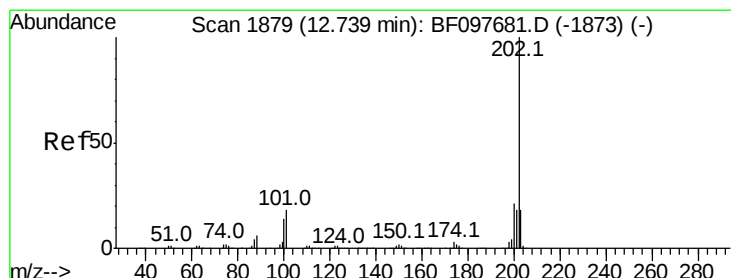
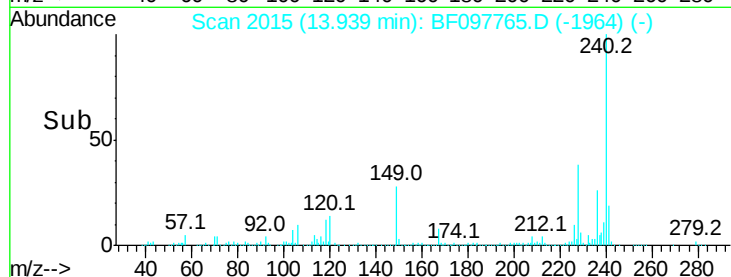
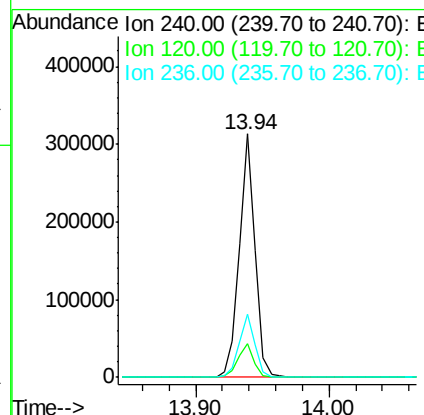
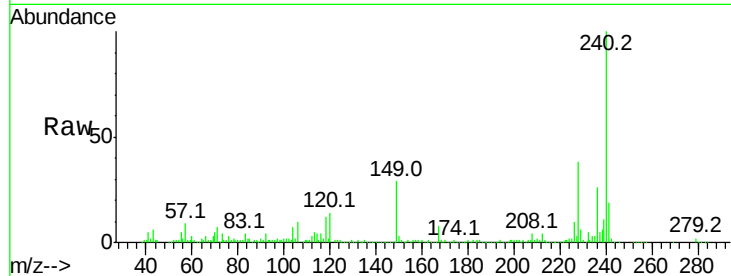
ClientSampleId :

E2-J10-SSWMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100		260731		
120	13.7	5.8	8.8#		
236	25.9	20.5	30.7		

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#77

Pyrene

Concen: 29.894 ng

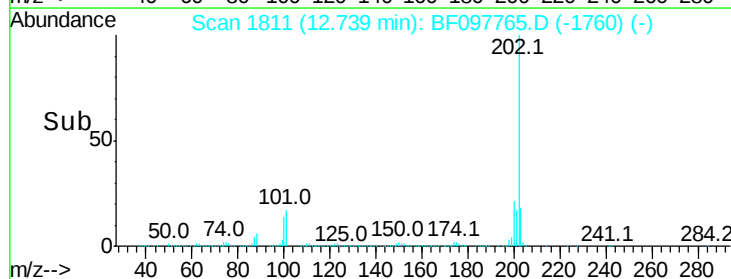
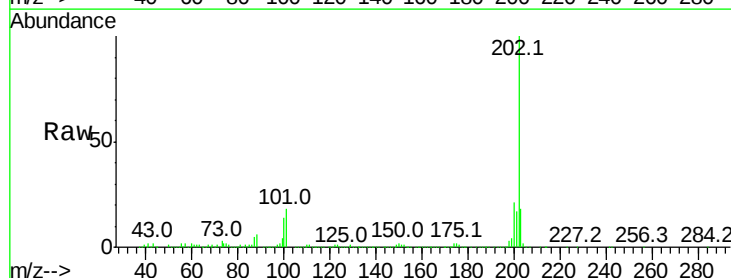
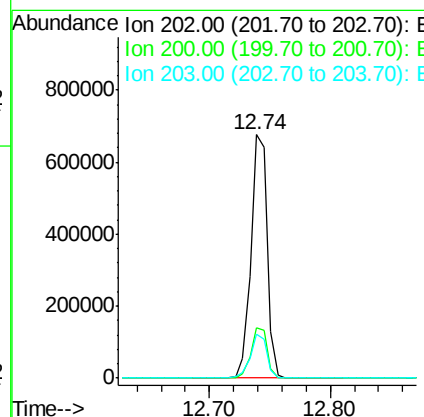
RT: 12.74 min Scan# 1811

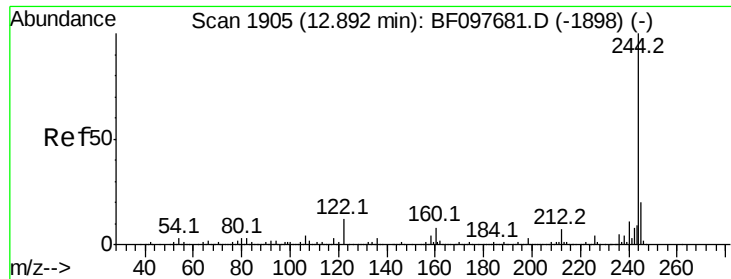
Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		637474		
200	20.7	17.6	26.4		
203	18.0	14.4	21.6		





#78

Terphenyl-d14

Concen: 47.593 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

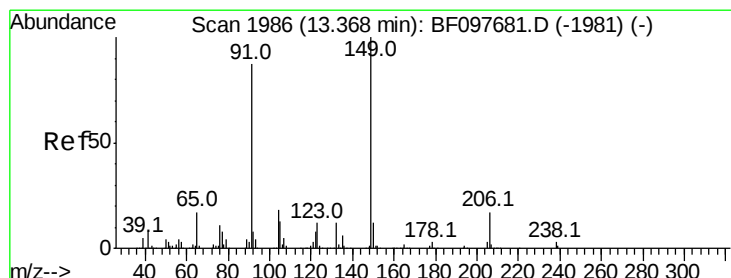
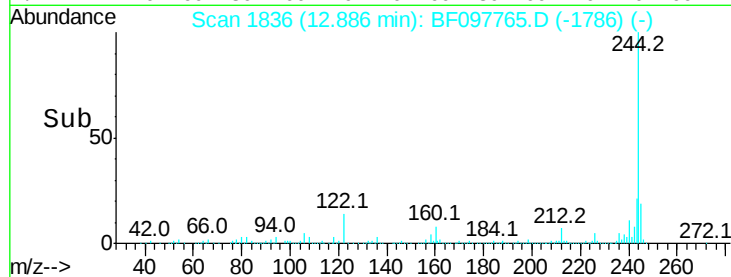
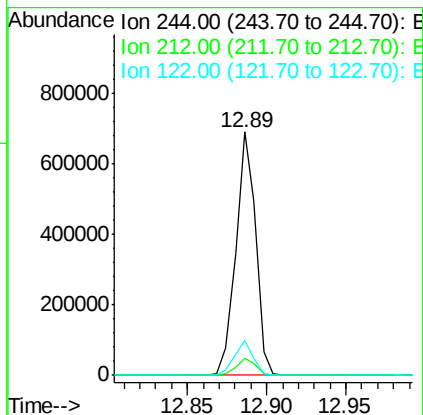
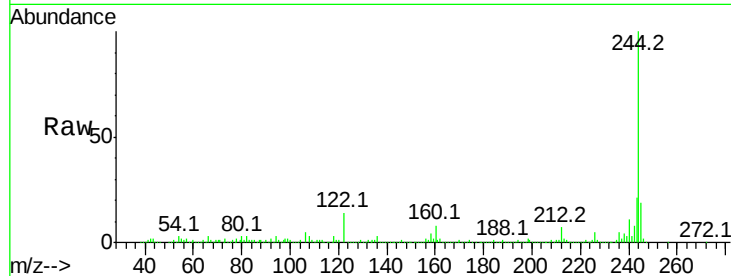
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	244	Resp:	595057
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.0	9.0
122	14.3	10.3	15.5

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#79

Butylbenzylphthalate

Concen: 36.040 ng

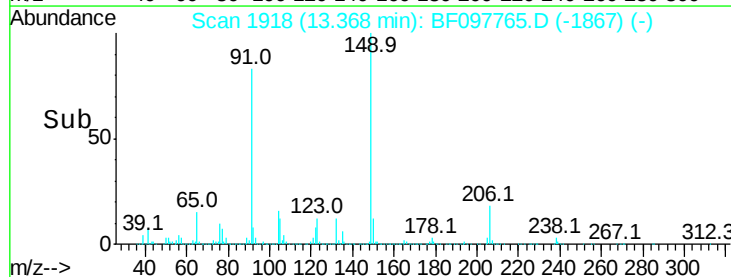
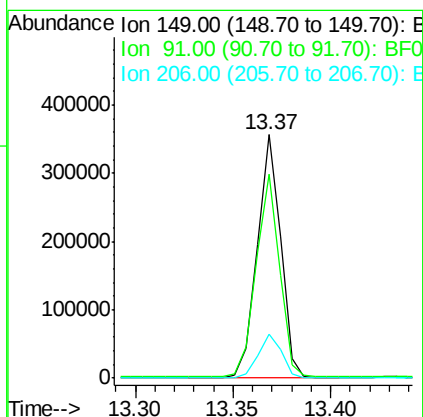
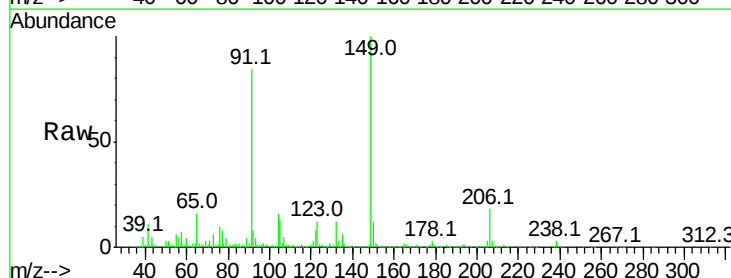
RT: 13.37 min Scan# 1918

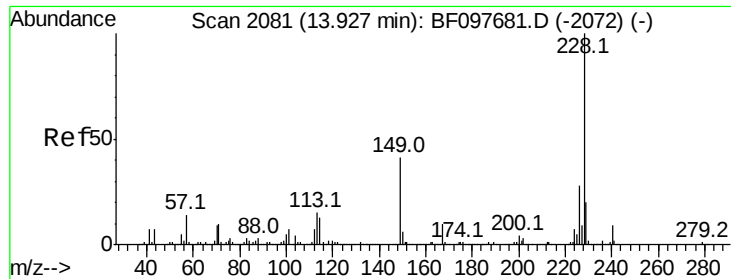
Delta R.T. 0.00 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	149	Resp:	294665
Ion Ratio	Lower	Upper	
149	100		
91	83.6	45.0	67.4#
206	18.0	17.0	25.6





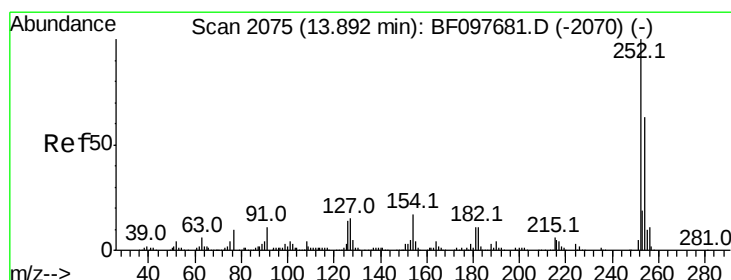
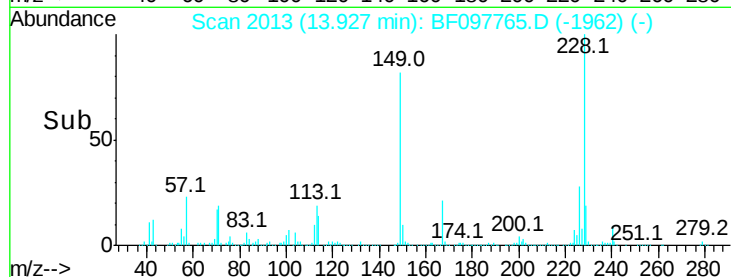
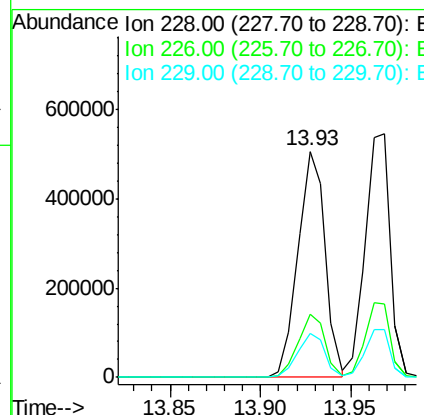
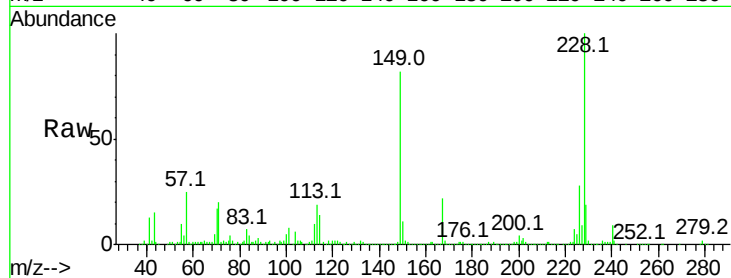
#80
Benzo(a)anthracene
Concen: 34.239 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	535042		
226	28.2		22.6	33.8
229	19.3		16.3	24.5

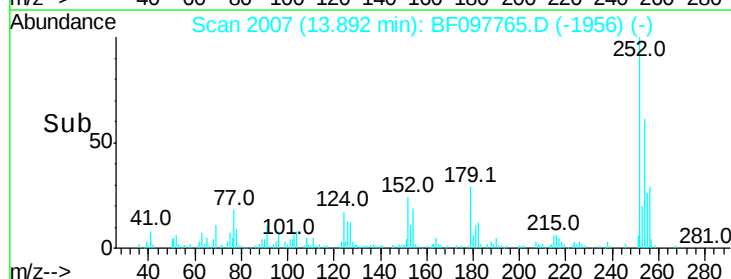
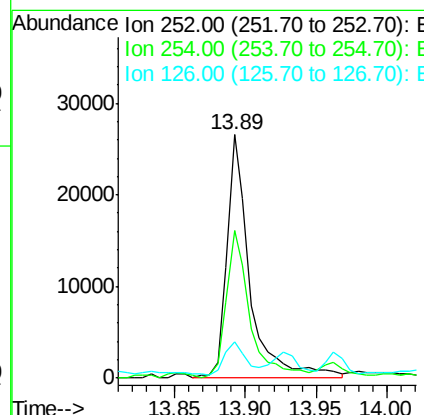
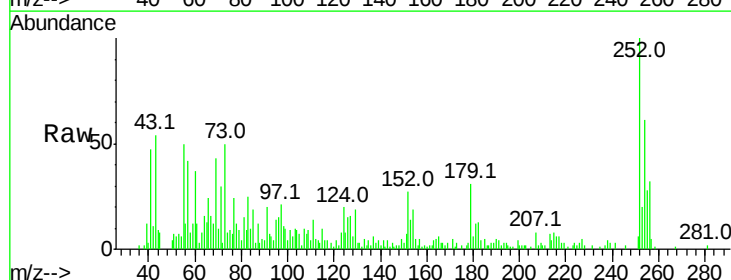
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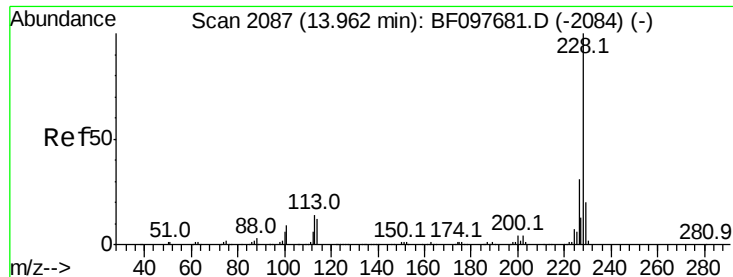
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#81
3,3'-Dichlorobenzidine
Concen: 5.768 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30415		
254	60.6		51.5	77.3
126	15.0		15.8	23.8#





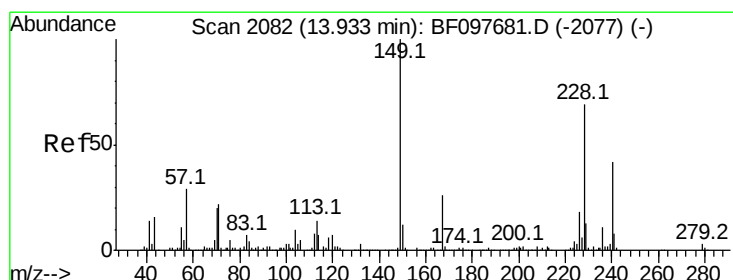
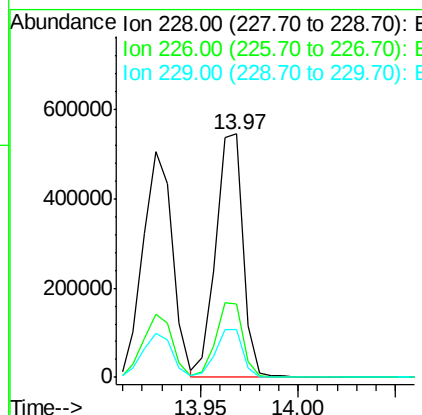
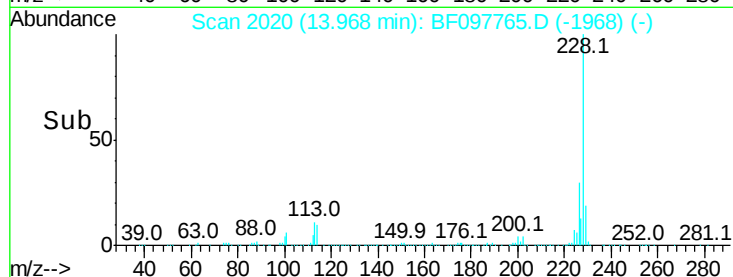
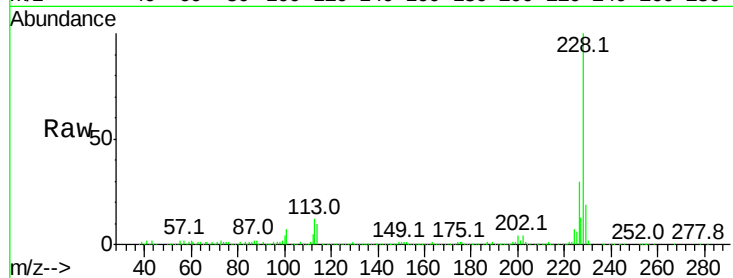
#82
 Chrysene
 Concen: 33.963 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.4	15.8	23.6

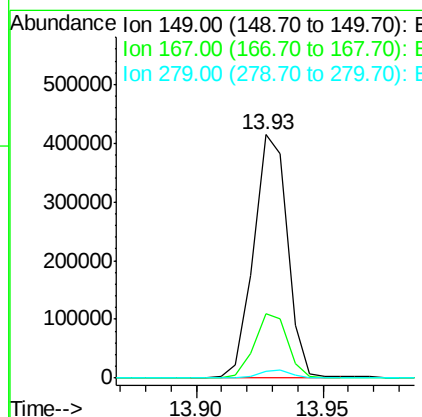
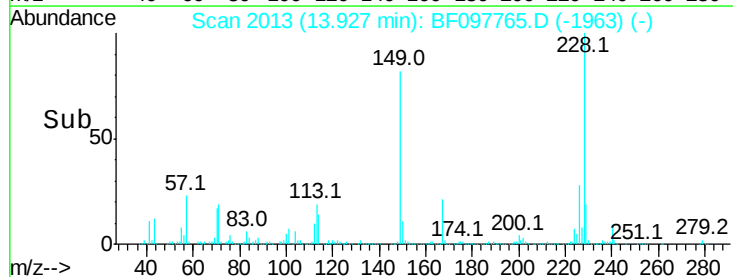
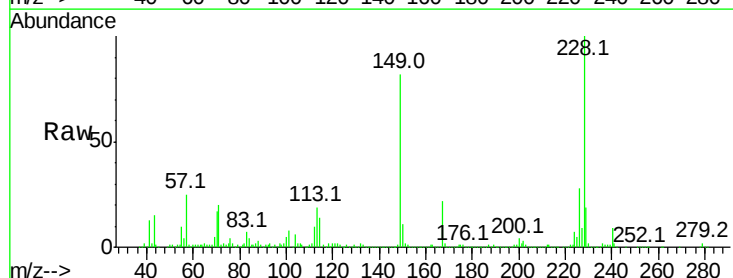
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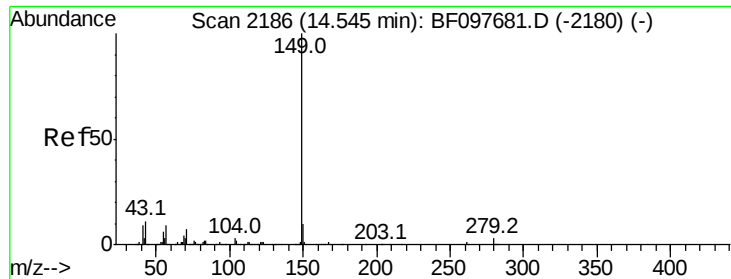
Sohil
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.390 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF097765.D
 Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.0	31.4
279	2.6	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 45.617 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Instrument :

BNA_F

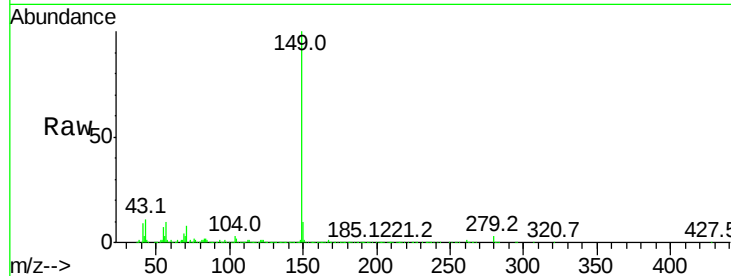
ClientSampleId :

E2-J10-SSWMSD

Tot Ion:	149	Resp:	719099
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.0	8.5	12.7

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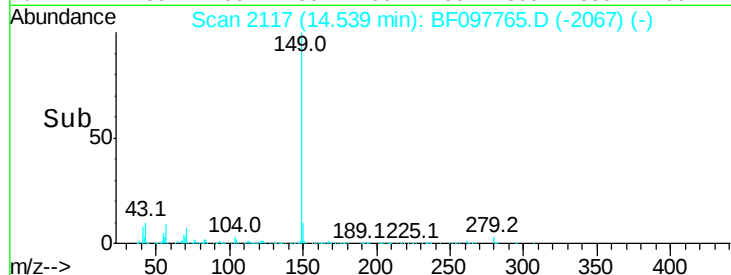


Abundance Ion 149.00 (148.70 to 149.70): E

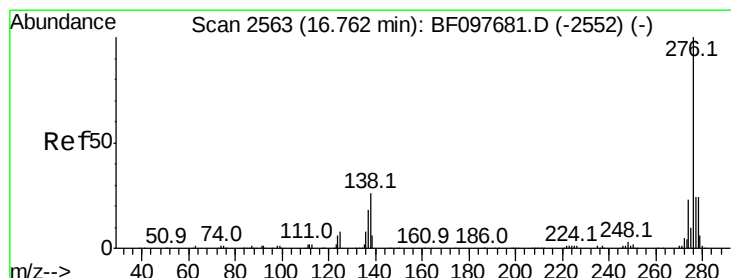
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

Time-->



Time-->



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.984 ng

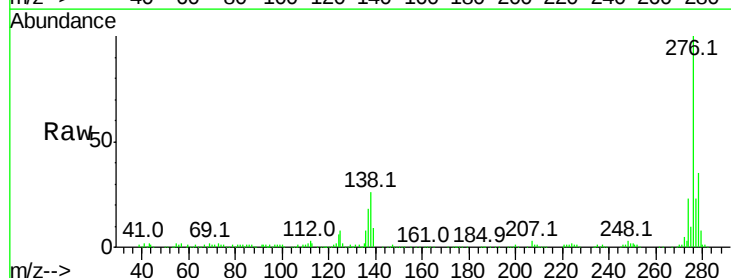
RT: 16.77 min Scan# 2496

Delta R.T. 0.01 min

Lab File: BF097765.D

Acq: 17 Aug 2017 4:03

Tgt Ion:	276	Resp:	422922
Ion Ratio	Lower	Upper	
276	100		
138	30.5	27.8	41.6
277	24.7	20.2	30.4

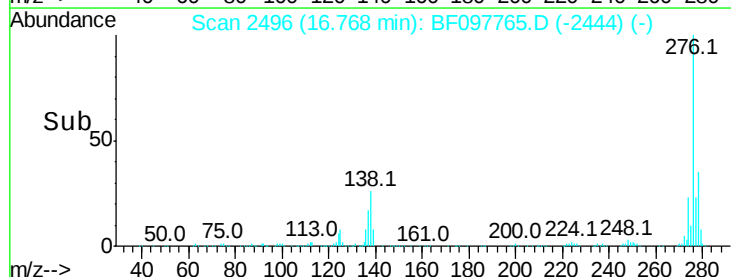


Abundance Ion 276.00 (275.70 to 276.70): E

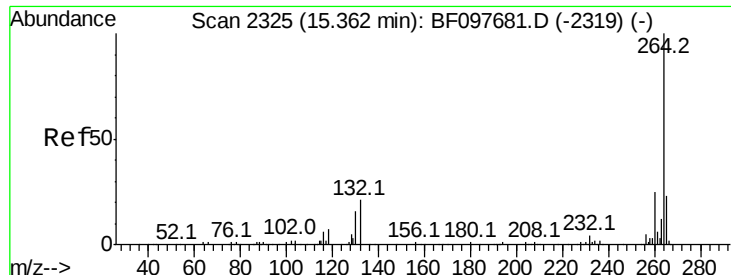
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



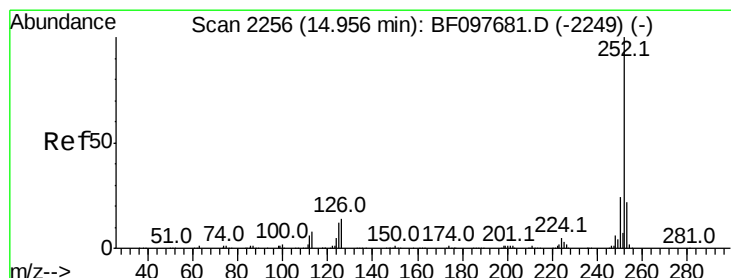
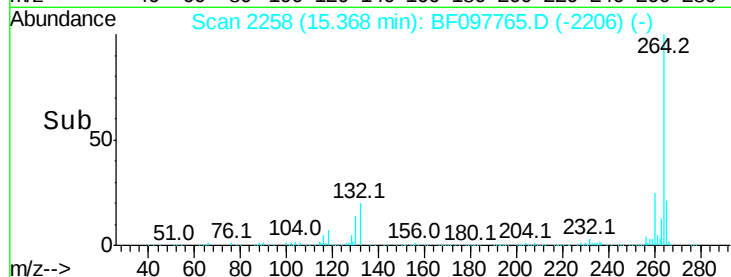
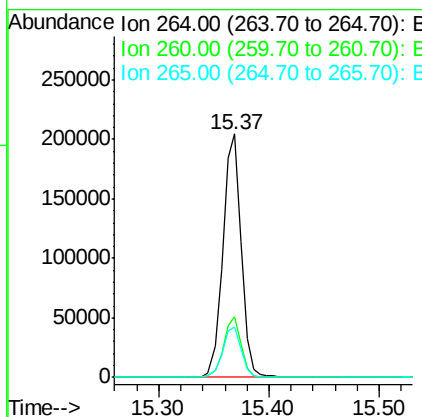
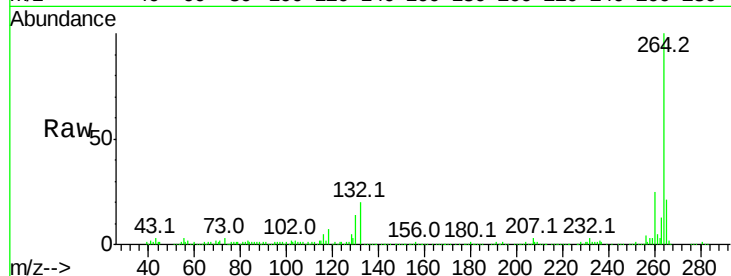
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.7	17.2	25.8

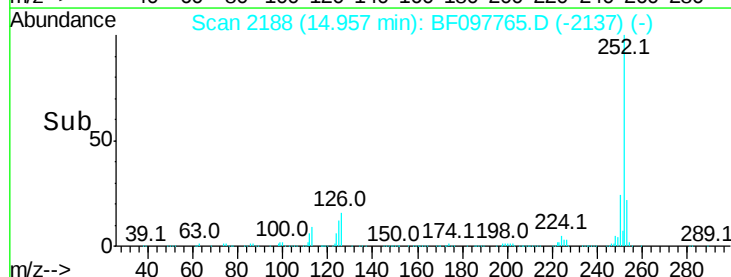
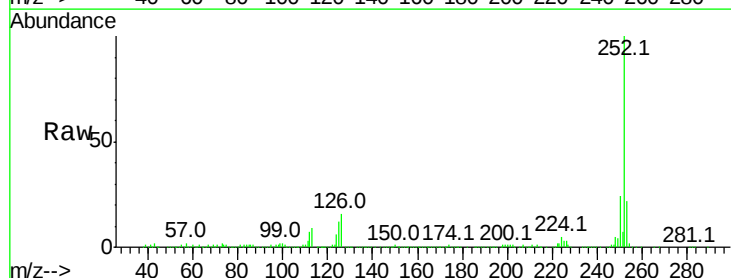
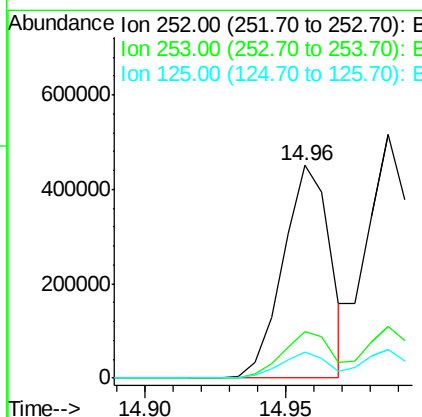
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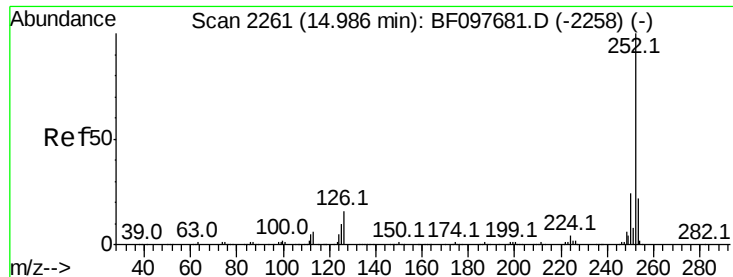
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#87
Benzo(b)fluoranthene
Concen: 34.874 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	12.4	9.8	14.8





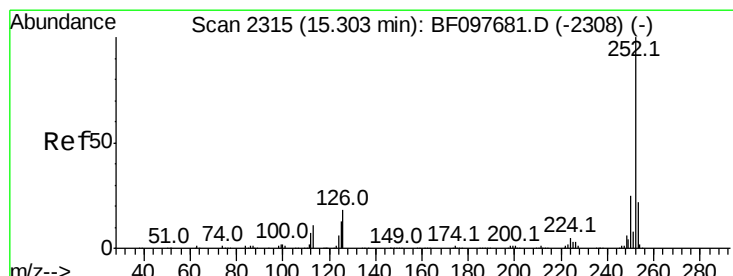
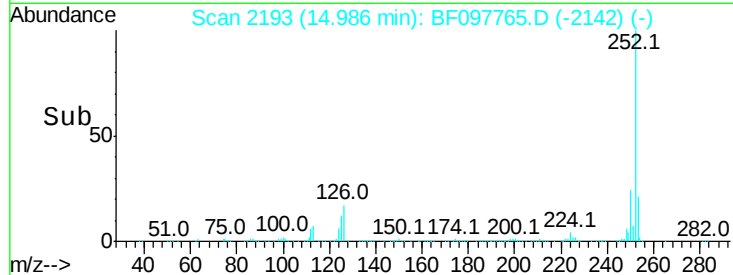
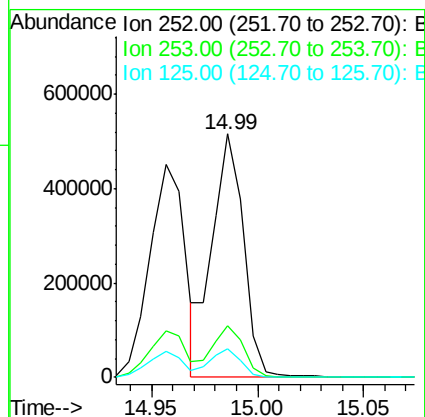
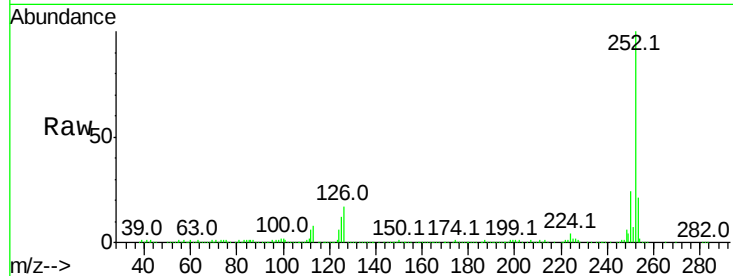
#88
Benzo(k)fluoranthene
Concen: 37.684 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	529659		
253	21.2	18.4	27.6	
125	12.0	13.1	19.7	

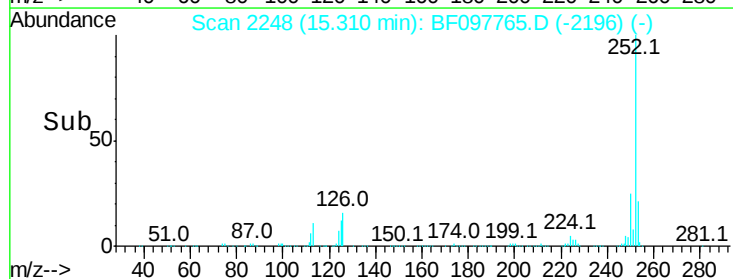
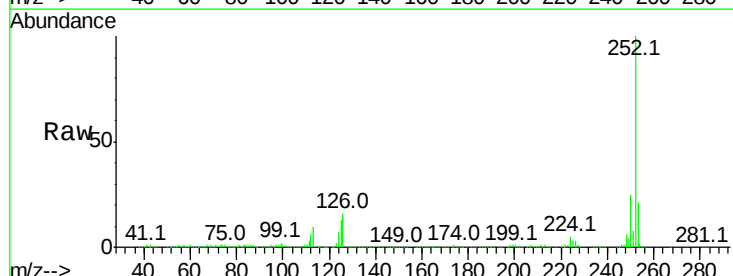
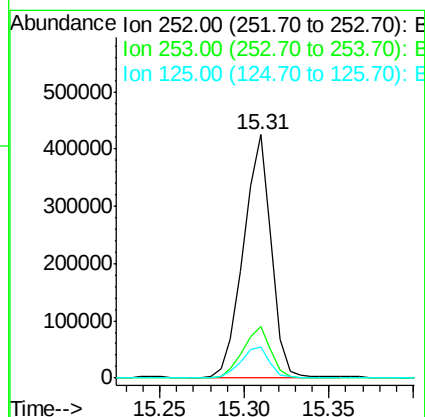
Manual Integrations
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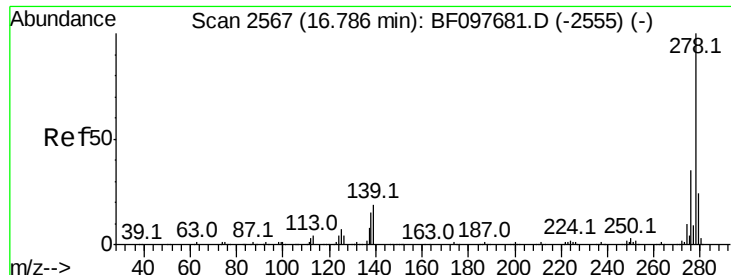
Sohil
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#89
Benzo(a)pyrene
Concen: 36.776 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	487065		
253	21.1	17.5	26.3	
125	12.5	11.0	16.4	





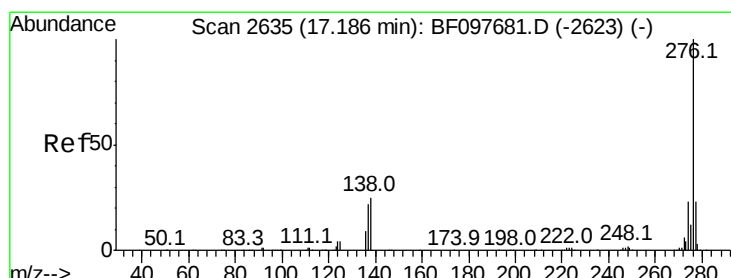
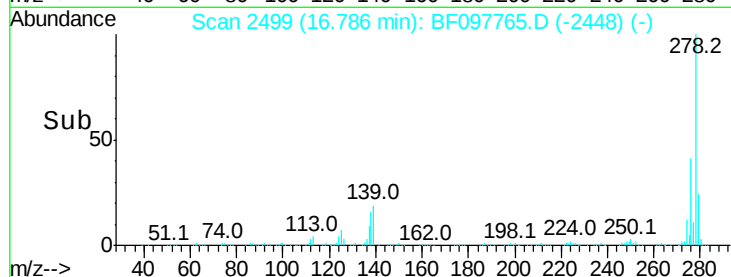
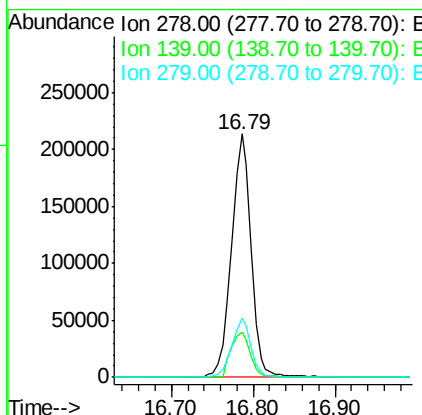
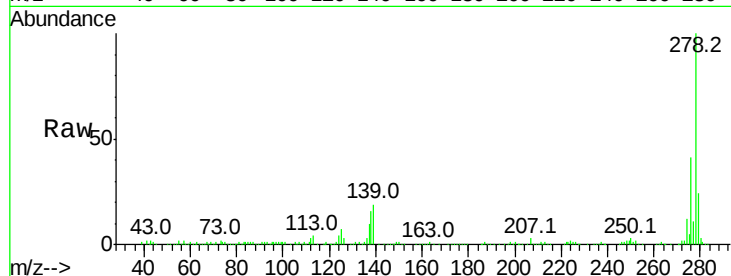
#90
Dibenzo(a,h)anthracene
Concen: 33.282 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.6	24.8
279	24.2	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 29.431 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097765.D
Acq: 17 Aug 2017 4:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	24.0	25.4	38.0

