

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097749.D
 Acq On : 16 Aug 2017 20:04
 Operator : SJ/JU
 Sample : PB101564BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:57:49 PM

Quant Time: Aug 17 05:51:55 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	144164	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	570509	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	234008	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	359085	20.00	ng	0.00
75) Chrysene-d12	13.94	240	268712	20.00	ng	0.00
86) Perylene-d12	15.37	264	244231	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1214918	128.19	ng	0.02
7) Phenol-d6	6.42	99	1654321	128.47	ng	0.01
23) Nitrobenzene-d5	7.35	82	996981	94.93	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	252247	124.24	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1487826	93.41	ng	0.00
78) Terphenyl-d14	12.89	244	901820	69.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	194099	36.722	ng	90
3) Pyridine	3.29	79	562517	38.496	ng	87
4) n-Nitrosodimethylamine	3.25	42	210987	37.526	ng	# 70
6) Aniline	6.45	93	449998	24.875	ng	97
8) 2-Chlorophenol	6.57	128	430090	43.029	ng	95
9) Benzaldehyde	6.33	77	168976	20.716	ng	87
10) Phenol	6.43	94	613373	40.726	ng	94
11) bis(2-Chloroethyl)ether	6.52	93	483922	42.571	ng	98
12) 1,3-Dichlorobenzene	6.72	146	428556m	39.860	ng	
13) 1,4-Dichlorobenzene	6.80	146	441800	40.403	ng	# 92
14) 1,2-Dichlorobenzene	6.96	146	408222	40.488	ng	98
15) Benzyl Alcohol	6.93	79	426488	44.236	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	636394	41.609	ng	91
17) 2-Methylphenol	7.04	107	389902	44.265	ng	96
18) Hexachloroethane	7.30	117	160121	37.350	ng	# 85
19) n-Nitroso-di-n-propylamine	7.20	70	355006	40.271	ng	89
20) 3+4-Methylphenols	7.19	107	467901	43.492	ng	98
22) Acetophenone	7.20	105	628722	41.716	ng	# 86
24) Nitrobenzene	7.37	77	532735	45.560	ng	94
25) Isophorone	7.61	82	967384	44.300	ng	97
26) 2-Nitrophenol	7.68	139	192294	45.677	ng	# 79
27) 2,4-Dimethylphenol	7.72	122	396539	43.541	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	615143	42.848	ng	99
29) 2,4-Dichlorophenol	7.92	162	331481	43.847	ng	91
30) 1,2,4-Trichlorobenzene	8.01	180	340144	40.587	ng	97
31) Naphthalene	8.09	128	1206193	40.725	ng	99
32) Benzoic acid	7.85	122	255238	39.737	ng	91
33) 4-Chloroaniline	8.13	127	213606	17.101	ng	99
34) Hexachlorobutadiene	8.20	225	198362	40.538	ng	98
35) Caprolactam	8.51	113	115518m	44.947	ng	
36) 4-Chloro-3-methylphenol	8.62	107	396482	40.819	ng	# 80
37) 2-Methylnaphthalene	8.78	142	776689	42.773	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	316476	44.067	ng	99
40) Hexachlorocyclopentadiene	8.93	237	144374	41.846	ng	99

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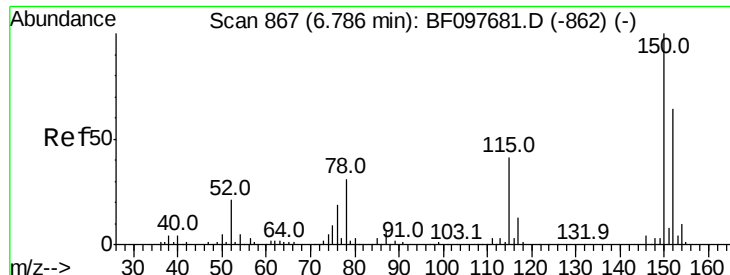
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	217962	45.206	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	217140	45.395	nq	97
45) 1,1'-Biphenyl	9.25	154	911848	42.731	nq	96
46) 2-Chloronaphthalene	9.27	162	651380	41.313	nq	# 92
47) 2-Nitroaniline	9.36	65	242557	45.888	nq	95
48) Acenaphthylene	9.69	152	1032970	41.719	nq	99
49) Dimethylphthalate	9.55	163	794323	46.437	nq	99
50) 2,6-Dinitrotoluene	9.61	165	158443	46.405	nq	# 74
51) Acenaphthene	9.86	154	623122	39.903	nq	99
52) 3-Nitroaniline	9.77	138	114658	26.028	nq	# 77
53) 2,4-Dinitrophenol	9.87	184	36091	29.546	nq	# 78
54) Dibenzofuran	10.03	168	901265	43.064	nq	99
55) 4-Nitrophenol	9.93	139	247973	70.565	nq	# 42
56) 2,4-Dinitrotoluene	10.01	165	191452	44.680	nq	# 59
57) Fluorene	10.37	166	642020	39.678	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.15	232	166213	44.881	nq	93
59) Diethylphthalate	10.25	149	796269	44.515	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	319200	42.463	nq	88
61) 4-Nitroaniline	10.39	138	140050	33.450	nq	77
62) Azobenzene	10.52	77	877003	41.275	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	26477	21.256	nq	90
65) n-Nitrosodiphenylamine	10.48	169	606452	49.596	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	182635	48.979	nq	99
67) Hexachlorobenzene	10.92	284	165085	43.435	nq	# 91
68) Atrazine	11.01	200	167351	51.606	nq	98
69) Pentachlorophenol	11.11	266	176699	79.737	nq	98
70) Phenanthrene	11.33	178	805847	42.115	nq	100
71) Anthracene	11.38	178	823615	42.438	nq	99
72) Carbazole	11.53	167	740656	40.205	nq	98
73) Di-n-butylphthalate	11.87	149	1061492	50.024	nq	100
74) Fluoranthene	12.52	202	765410	38.324	nq	99
76) Benzidine	12.64	184	475470	53.967	nq	# 92
77) Pyrene	12.74	202	781045	35.538	nq	98
79) Butylbenzylphthalate	13.37	149	373400	44.314	nq	# 77
80) Benzo(a)anthracene	13.93	228	658204	40.870	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	249769	45.960	nq	# 97
82) Chrysene	13.96	228	655995	40.947	nq	100
83) Bis(2-ethylhexyl)phthalate	13.93	149	474790	50.849	nq	# 99
84) Di-n-octyl phthalate	14.54	149	918268	56.521	nq	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	511012	43.360	nq	96
87) Benzo(b)fluoranthene	14.96	252	682454	44.331	nq	98
88) Benzo(k)fluoranthene	14.99	252	611155	42.255	nq	96
89) Benzo(a)pyrene	15.31	252	605946	44.462	nq	99
90) Dibenzo(a,h)anthracene	16.79	278	437439	39.426	nq	98
91) Benzo(g,h,i)perylene	17.19	276	405137	34.995	nq	94

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



#1

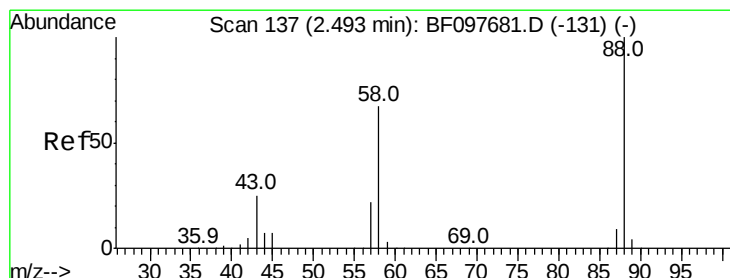
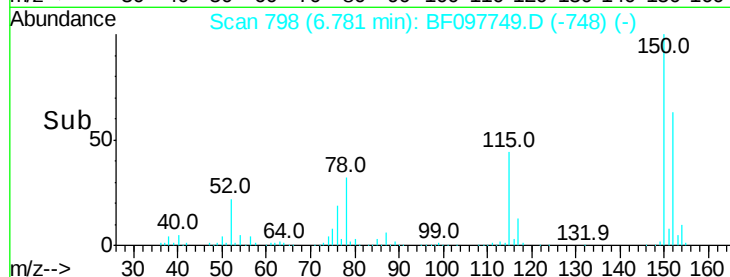
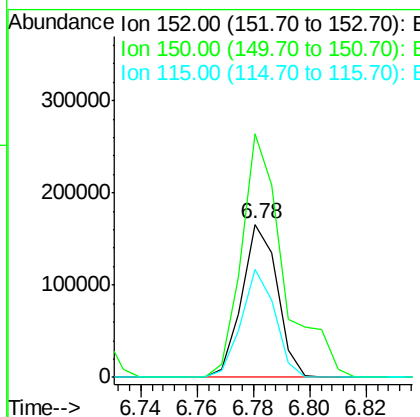
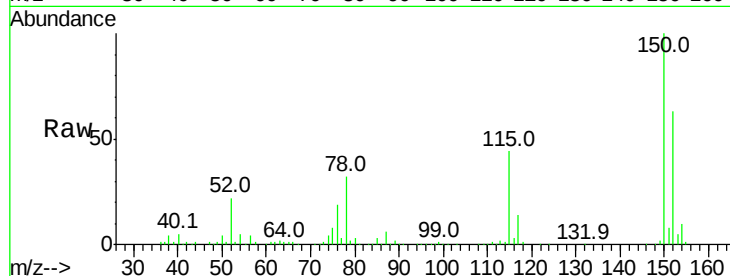
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	70.3	52.2	78.2

Manual Integrations
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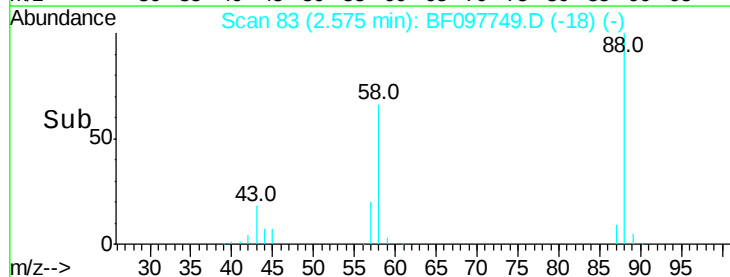
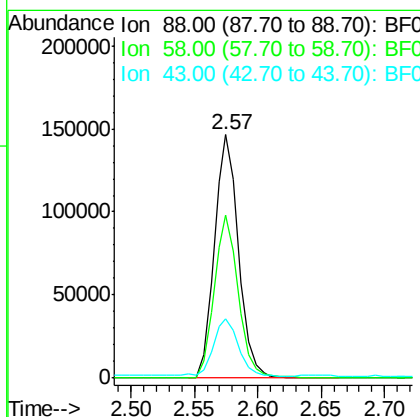
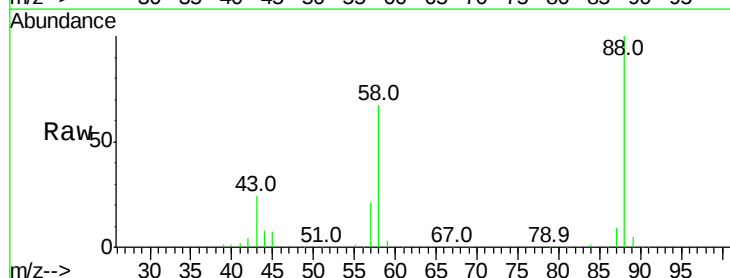
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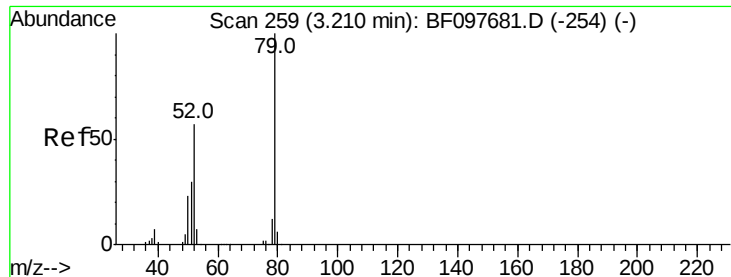


#2

1,4-Dioxane
 Concen: 36.722 ng
 RT: 2.57 min Scan# 83
 Delta R.T. 0.08 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.1	61.4	92.0
43	25.4	23.4	35.0





#3

Pvridine

Concen: 38.496 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.08 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

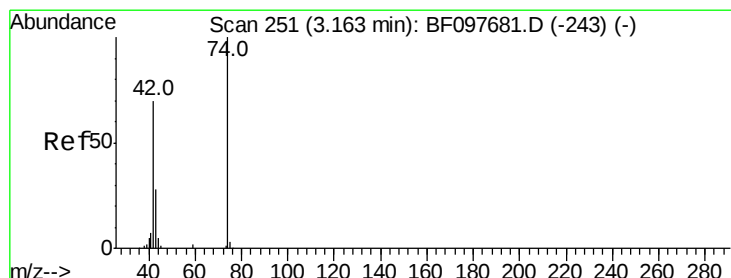
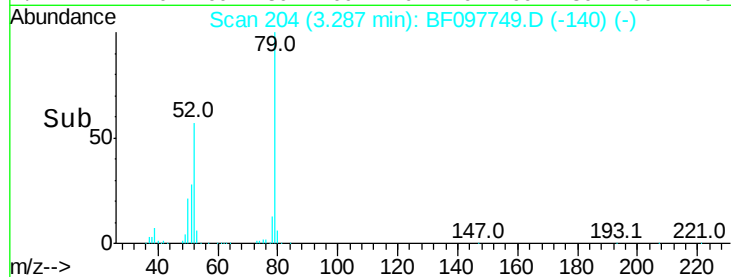
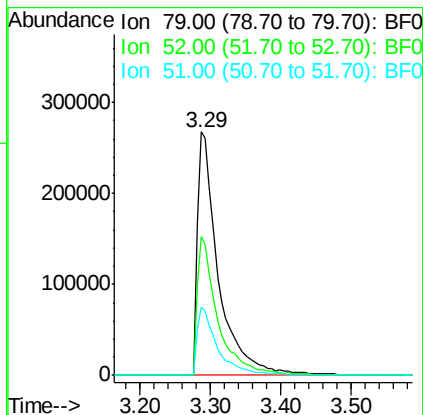
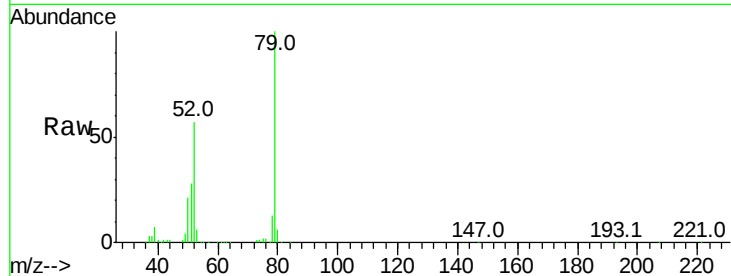
ClientSampleId :

PB101564BS

Tot Ion:	79	Resp:	562517
Ion Ratio	Lower	Upper	
79	100		
52	56.9	54.8	82.2
51	28.0	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 37.526 ng

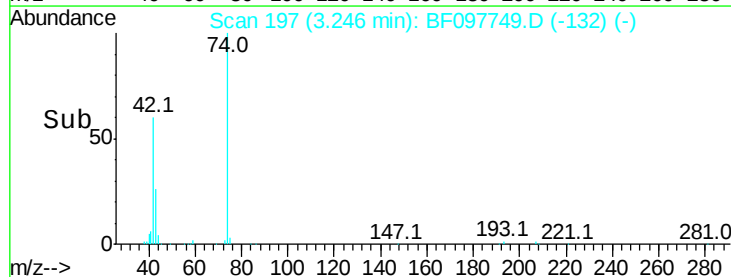
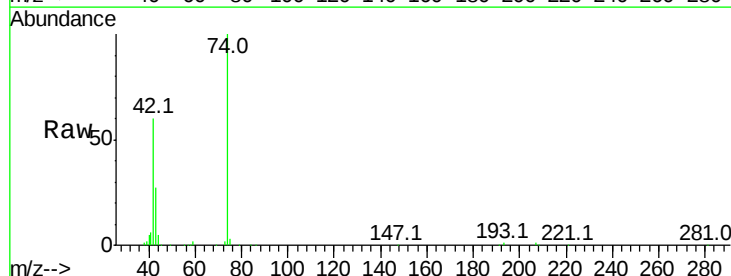
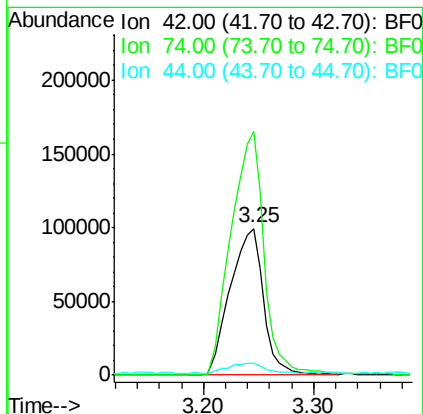
RT: 3.25 min Scan# 197

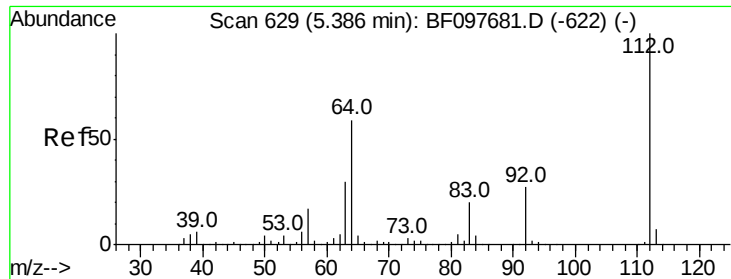
Delta R.T. 0.08 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:	42	Resp:	210987
Ion Ratio	Lower	Upper	
42	100		
74	166.2	103.9	155.9#
44	7.8	5.7	8.5





#5

2-Fluorophenol

Concen: 128.186 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

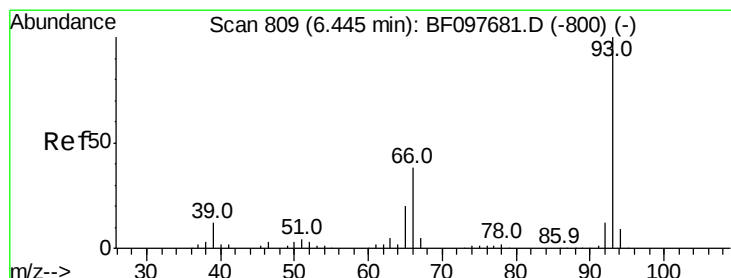
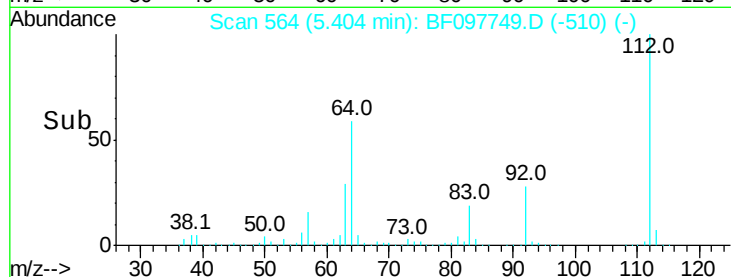
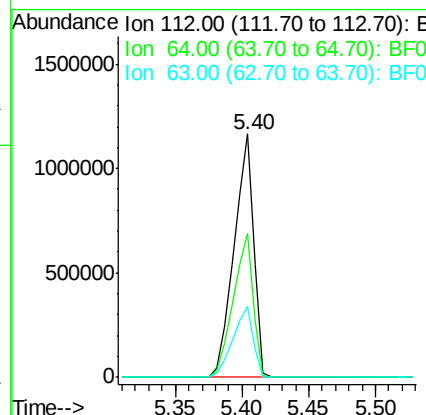
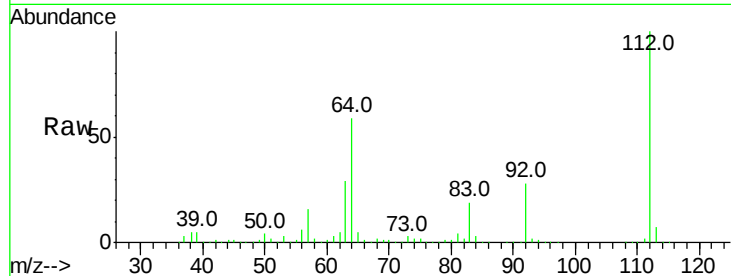
ClientSampleId :

PB101564BS

Tot Ion:	112	Resp:	1214918
Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.0	69.0
63	29.2	23.4	35.0

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#6

Aniline

Concen: 24.875 ng

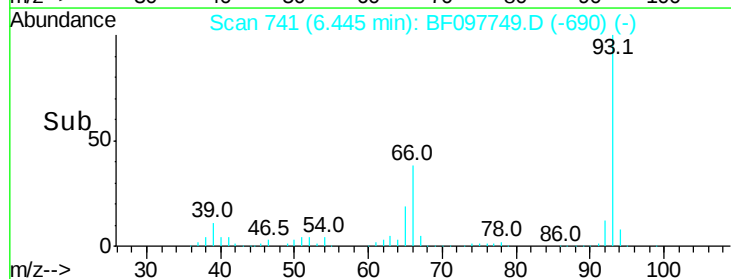
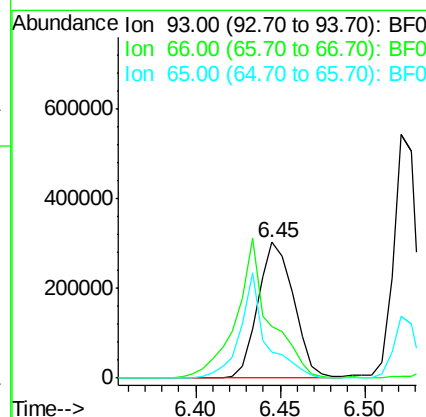
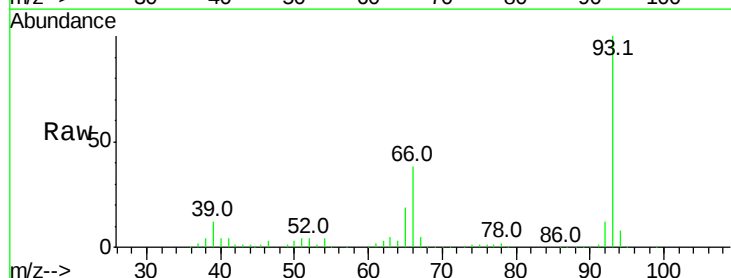
RT: 6.45 min Scan# 741

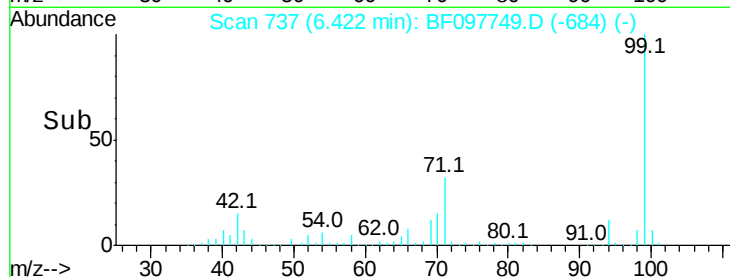
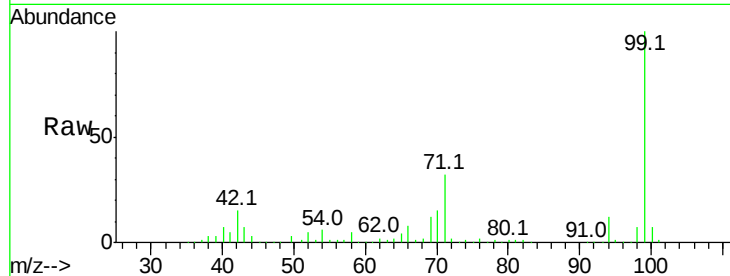
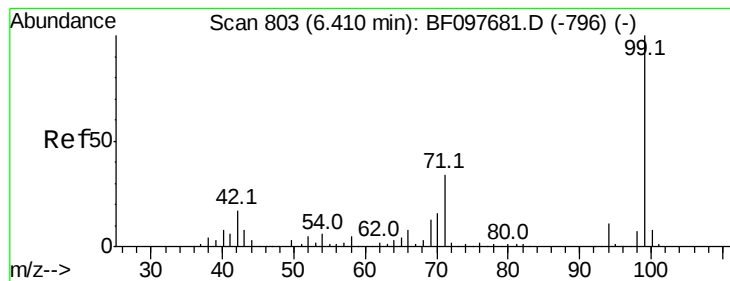
Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:	93	Resp:	449998
Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.9	49.3
65	19.4	16.0	24.0





#7

Phenol-d6

Concen: 128.465 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tot Ion:	99	Resp:	1654321
Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.5	20.3
71	31.8	24.5	36.7

Instrument :

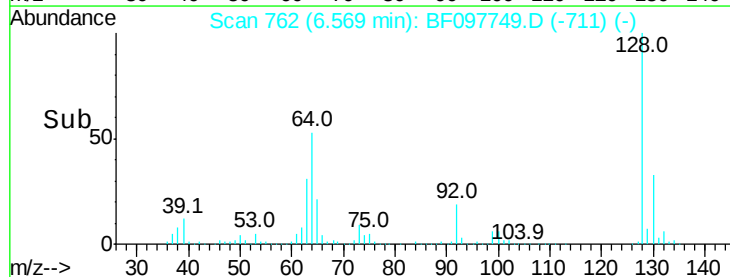
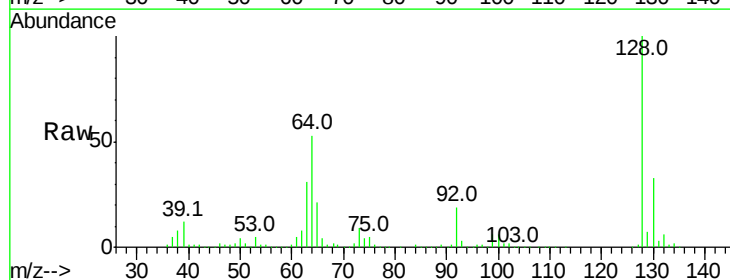
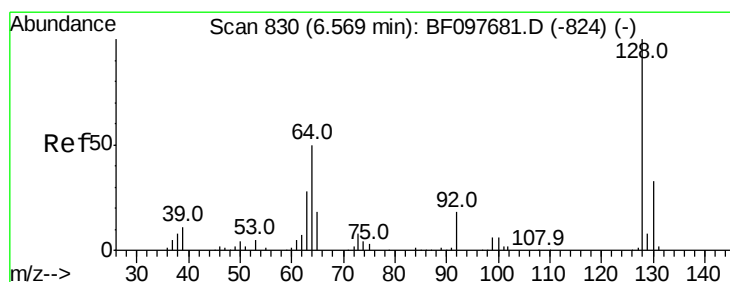
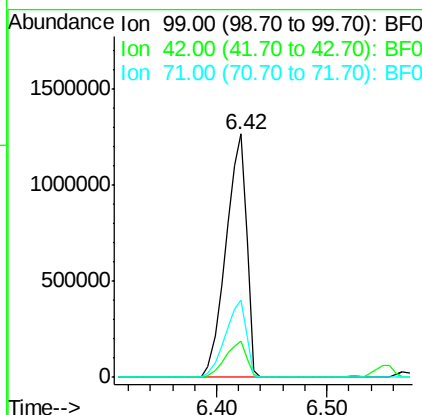
BNA_F

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#8

2-Chlorophenol

Concen: 43.029 ng

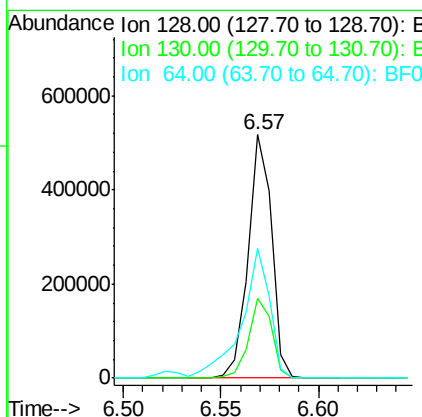
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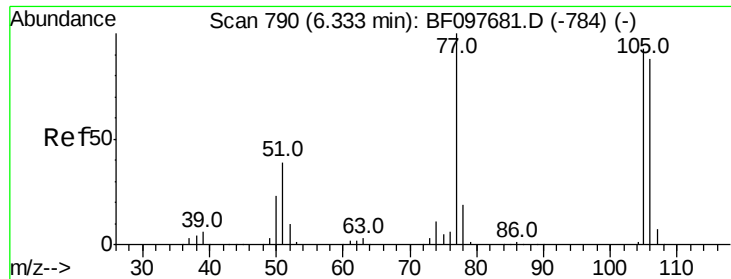
Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:	128	Resp:	430090
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	53.4	28.4	68.4





#9

Benzaldehyde

Concen: 20.716 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

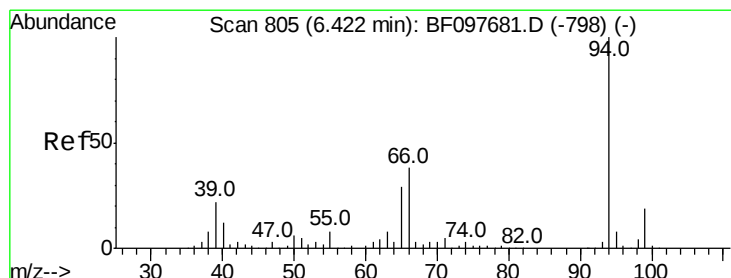
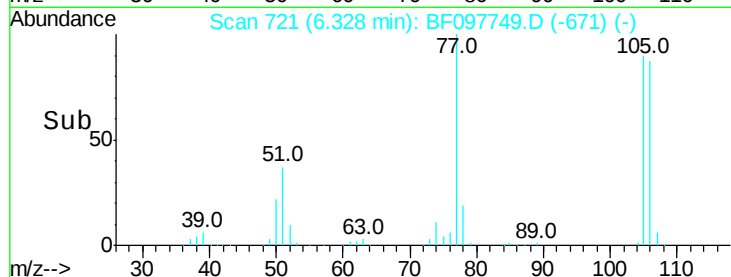
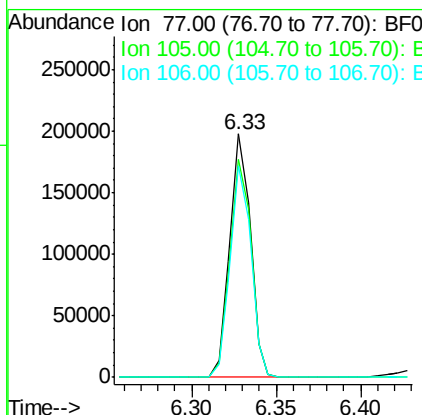
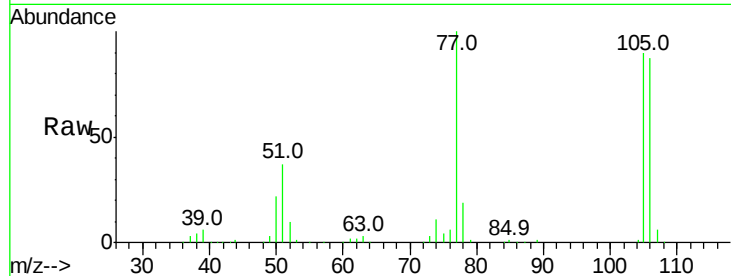
ClientSampled :

PB101564BS

Tot Ion:	77	Resp:	168976
Ion	Ratio	Lower	Upper
77	100		
105	89.6	83.8	123.8
106	87.1	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 40.726 ng

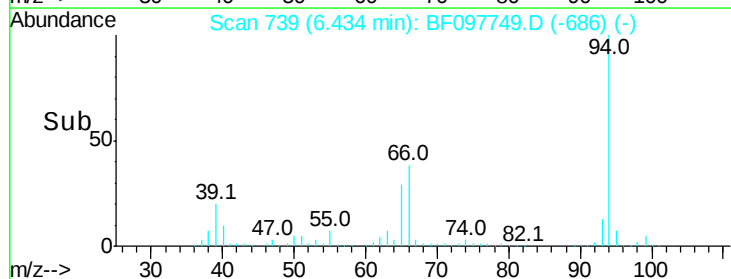
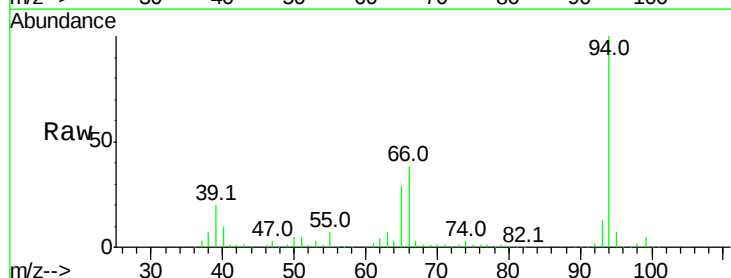
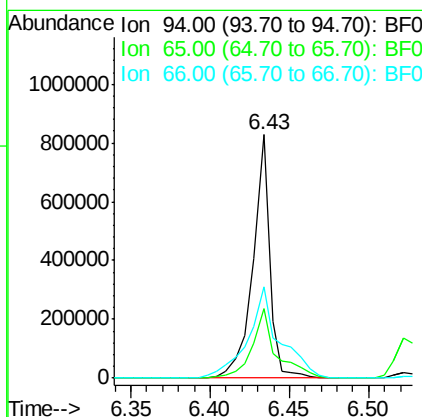
RT: 6.43 min Scan# 739

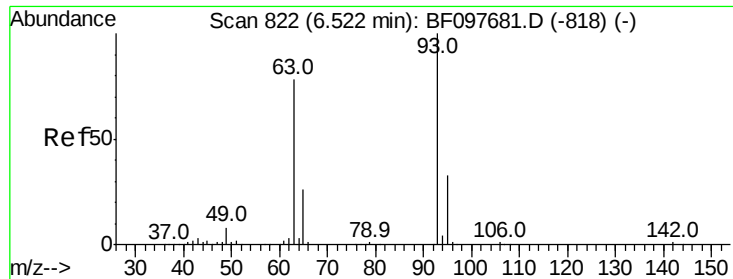
Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:	94	Resp:	613373
Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.9	49.9
66	37.7	23.1	63.1





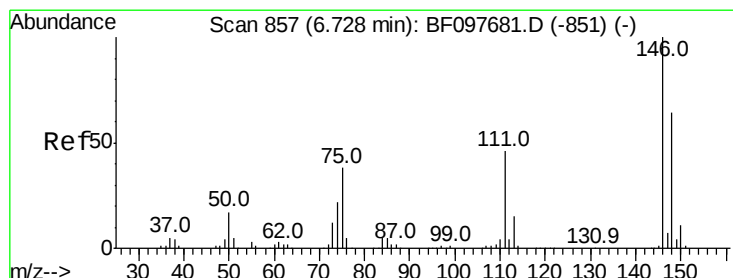
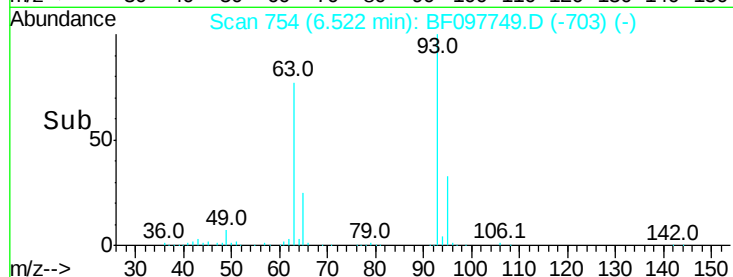
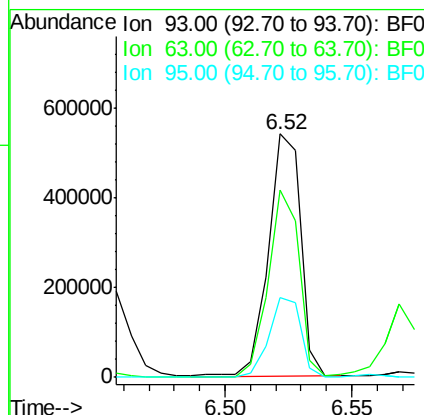
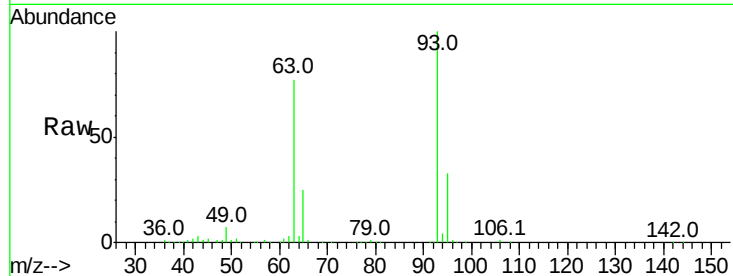
#11
bis(2-Chloroethyl)ether
Concen: 42.571 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	483922		
63	76.8	59.2	99.2	
95	32.8	12.8	52.8	

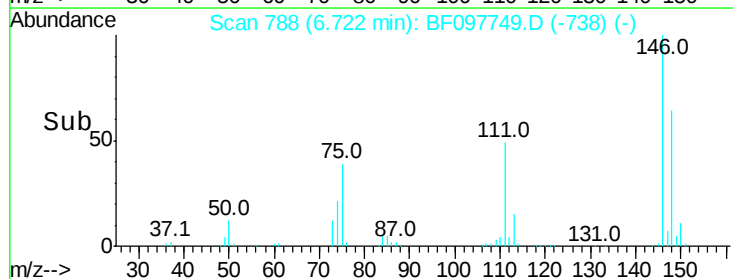
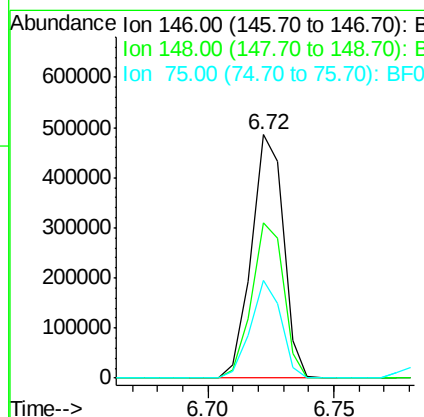
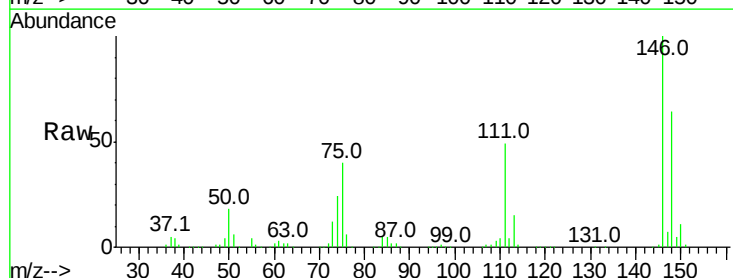
Manual Integrations
APPROVED

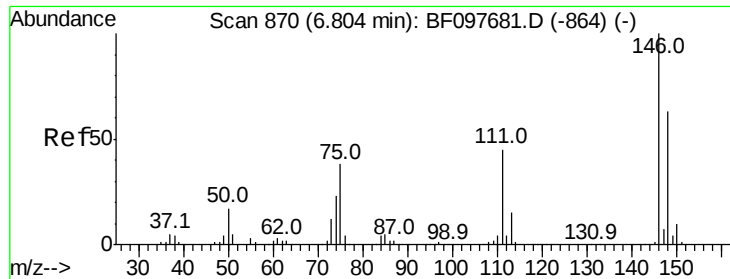
Sohil
8/17/2017 5:57:49 PM



#12
1,3-Dichlorobenzene
Concen: 39.860 ng m
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	428556		
148	63.8	51.8	77.6	
75	39.9	23.1	34.7#	





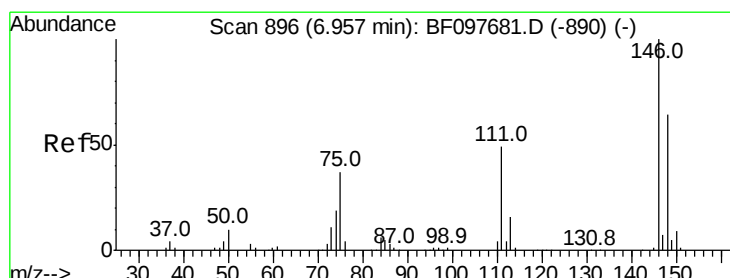
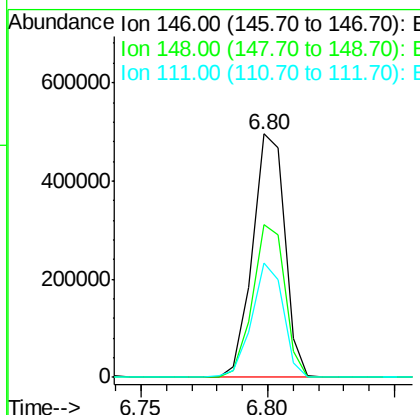
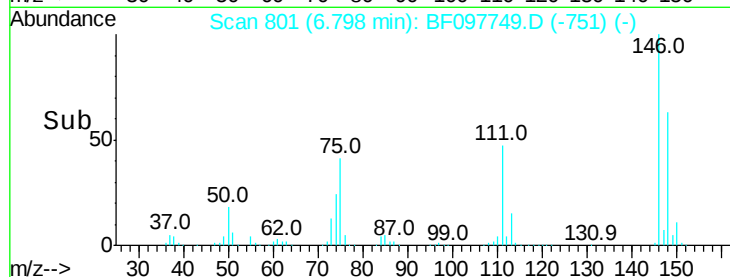
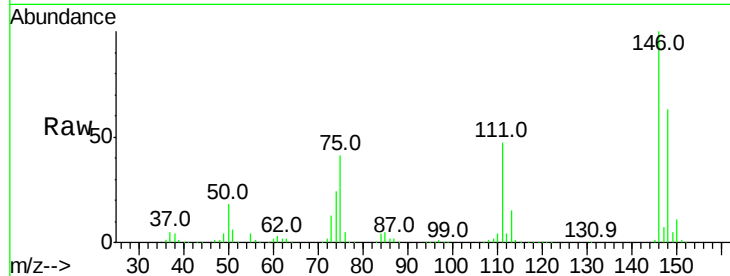
#13
 1,4-Dichlorobenzene
 Concen: 40.403 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.2	78.2
111	47.1	30.3	45.5#

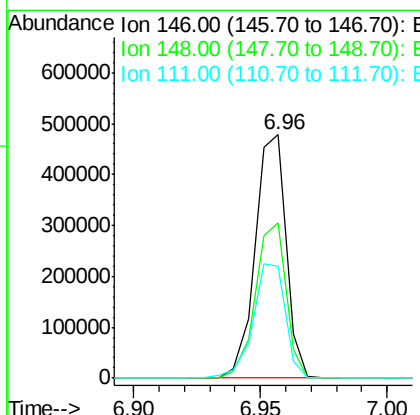
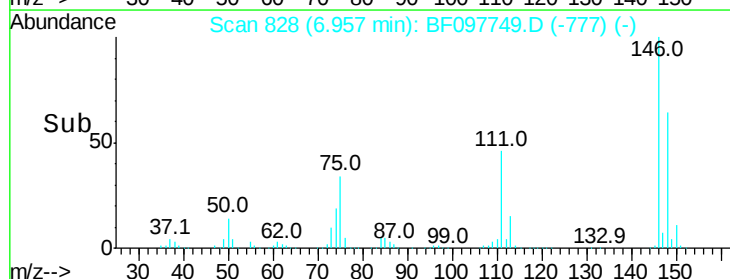
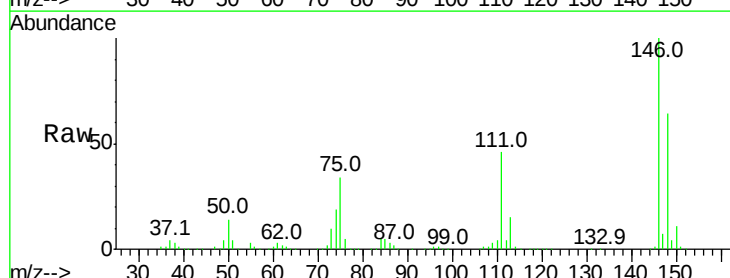
Manual Integrations
 APPROVED

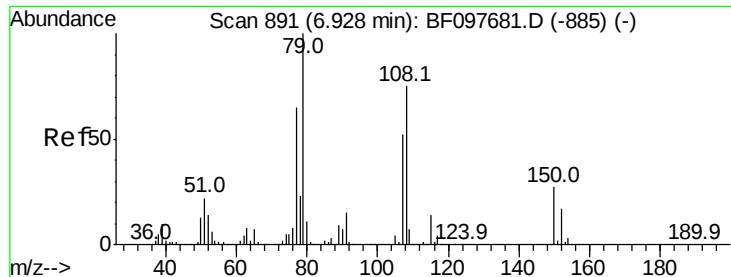
Sohil
 8/17/2017 5:57:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.488 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	45.7	38.2	57.4





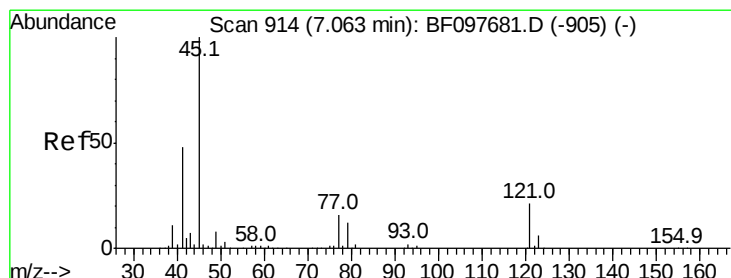
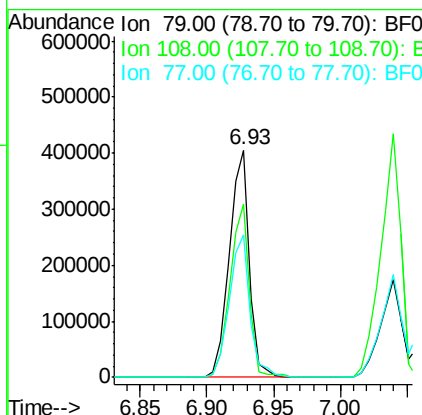
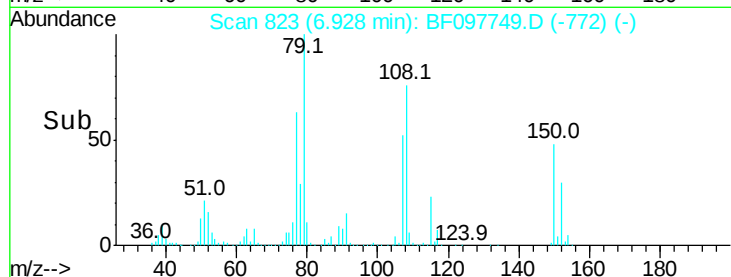
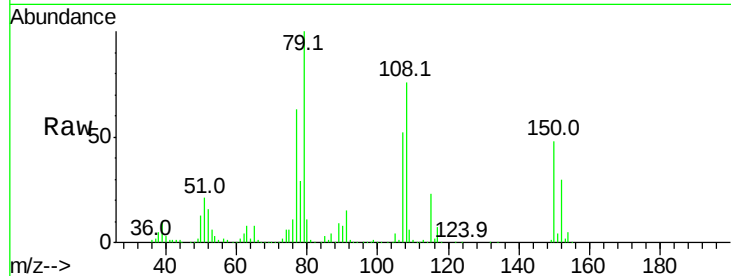
#15
Benzyl Alcohol
Concen: 44.236 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.1	63.4	95.0
77	62.7	49.2	73.8

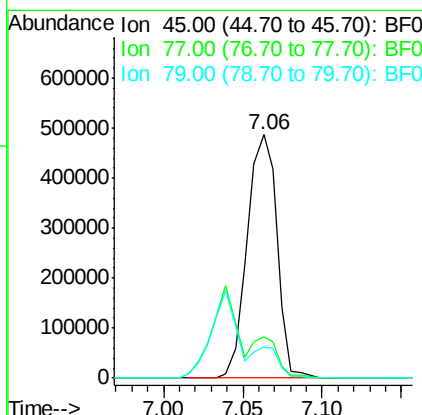
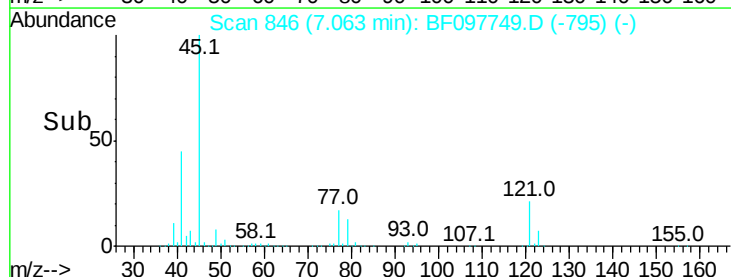
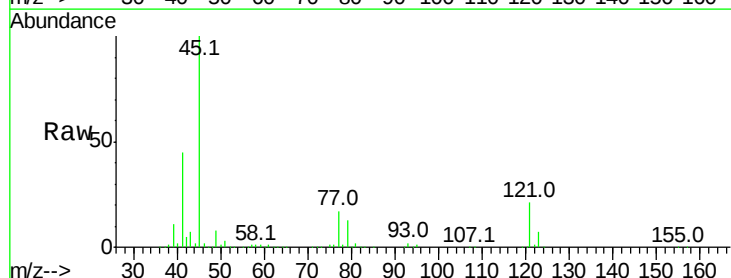
Manual Integrations
APPROVED

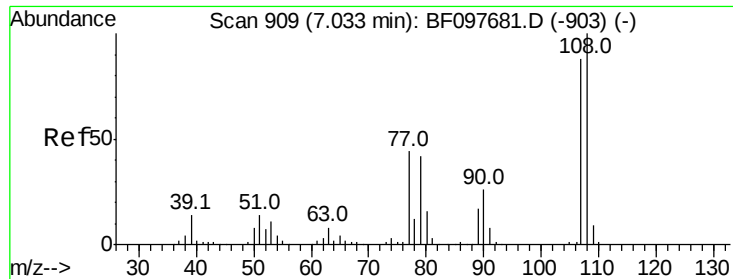
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.609 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	33.2
79	12.7	0.0	30.0





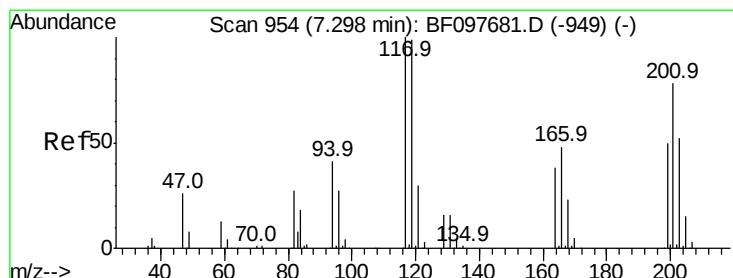
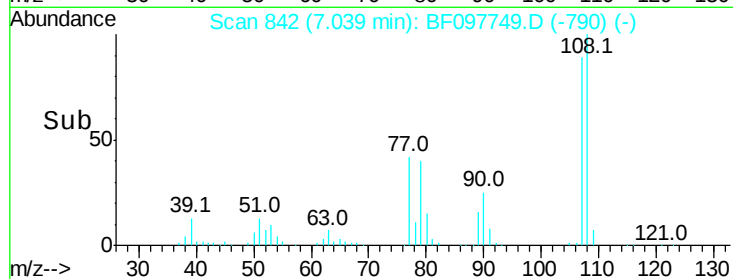
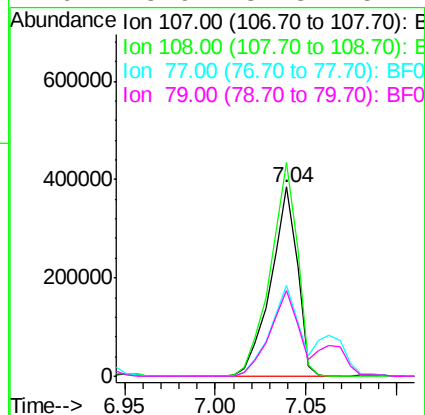
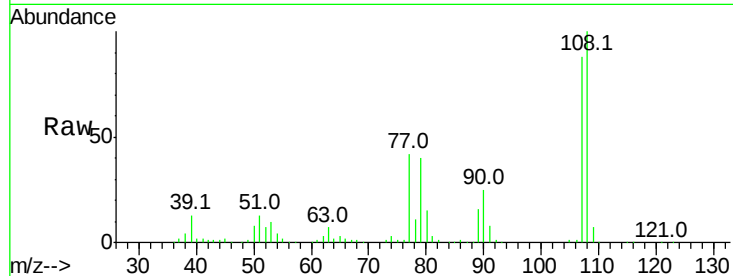
#17
2-Methylphenol
Concen: 44.265 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	107	Resp	389902
Ion	Ratio	Lower	Upper
107	100		
108	113.0	93.4	140.0
77	47.9	35.8	53.6
79	45.6	34.8	52.2

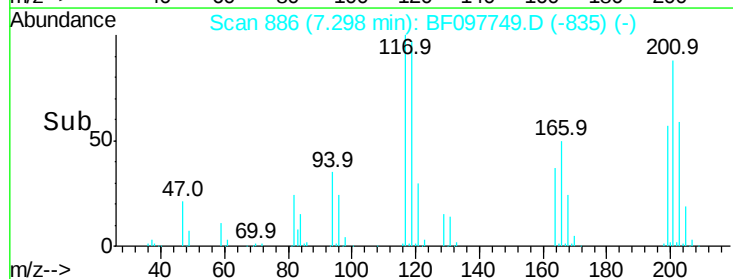
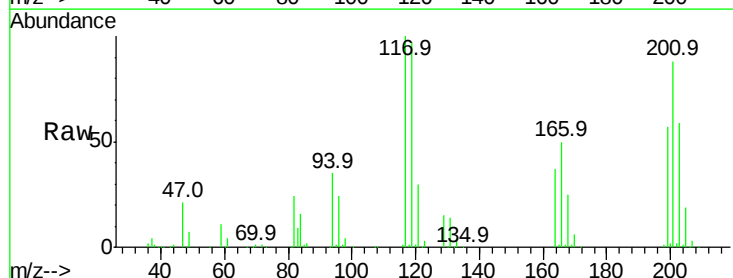
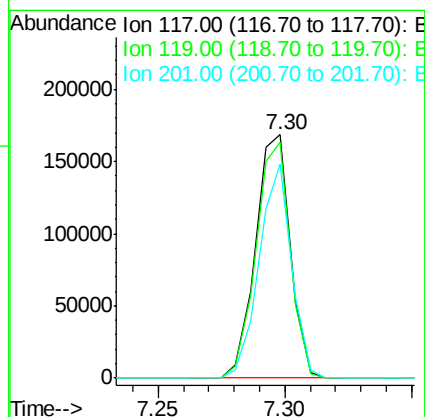
Manual Integrations
APPROVED

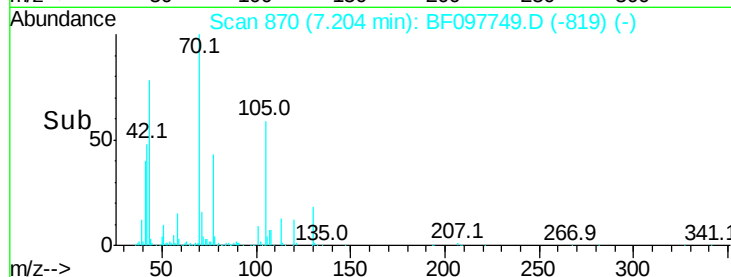
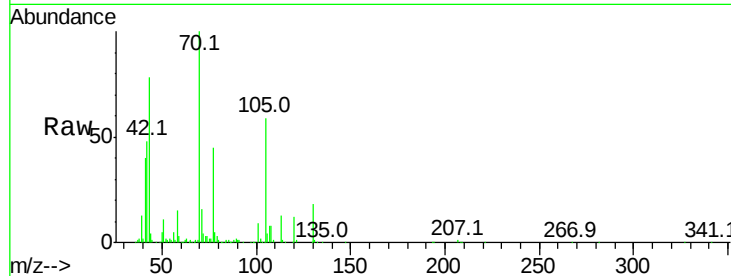
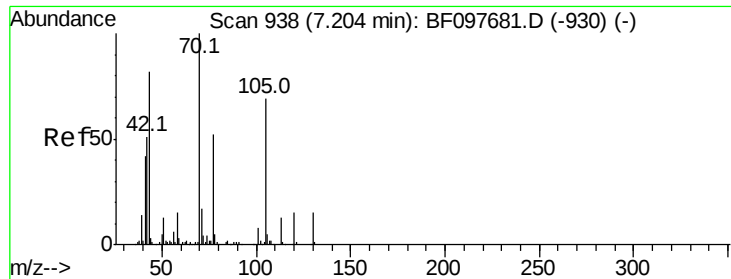
Sohil
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#18
Hexachloroethane
Concen: 37.350 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	117	Resp	160121
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	88.0	94.6	141.8#





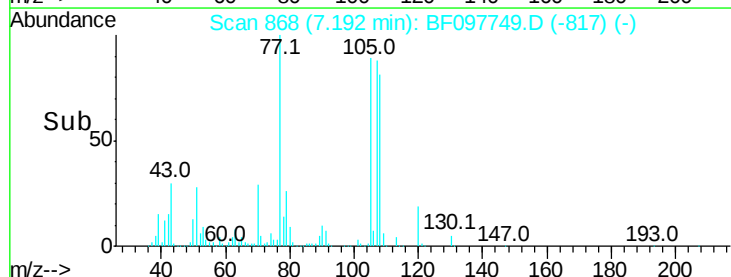
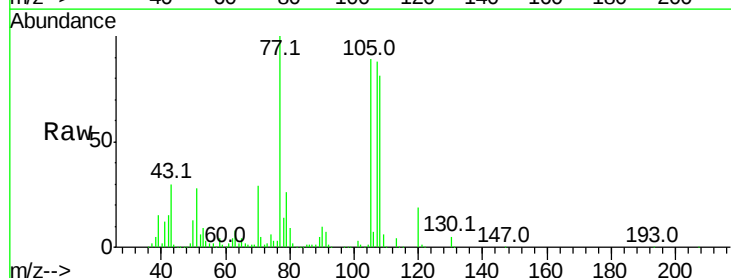
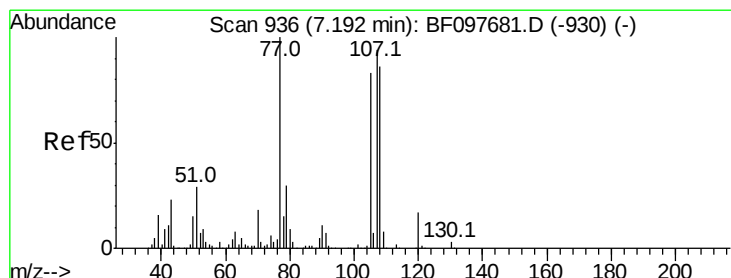
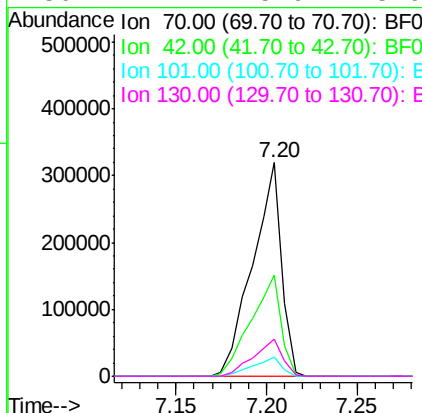
#19
n-Nitroso-di-n-propylamine
Concen: 40.271 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.6	47.2	70.8		
101	9.0	7.2	10.8		
130	17.7	15.9	23.9		

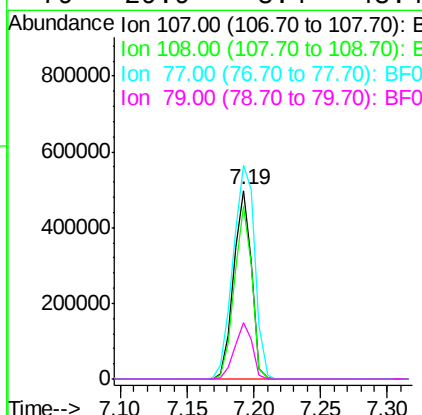
Manual Integrations
APPROVED

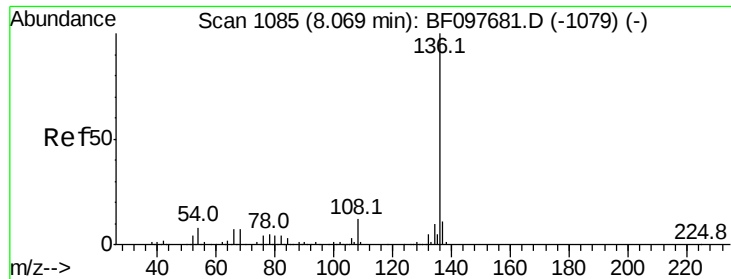
Sohil
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#20
3+4-Methylphenols
Concen: 43.492 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	71.0	111.0		
77	113.1	90.5	130.5		
79	29.9	8.4	48.4		





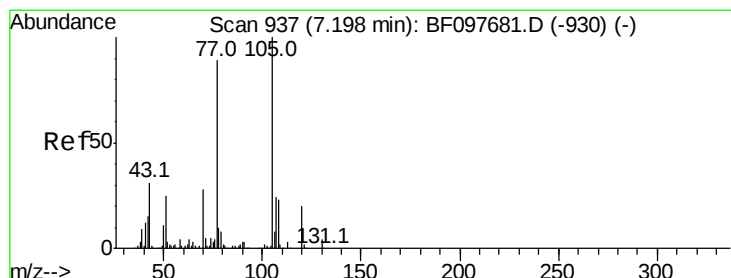
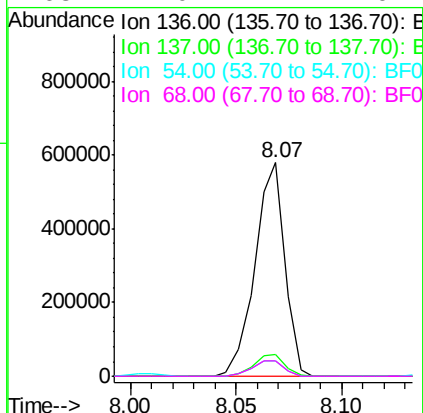
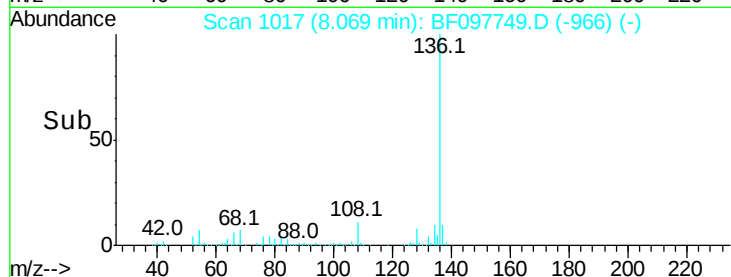
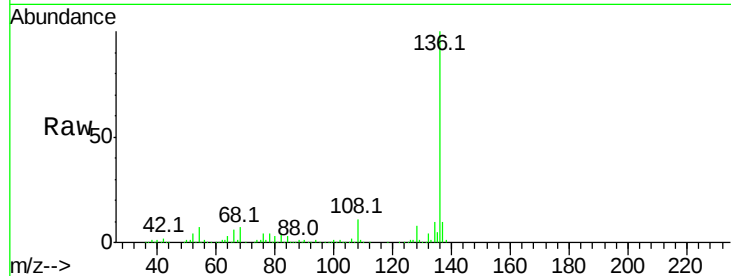
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	570509		
137	10.5	8.5	12.7	
54	7.2	4.9	7.3	
68	7.0	4.1	6.1	

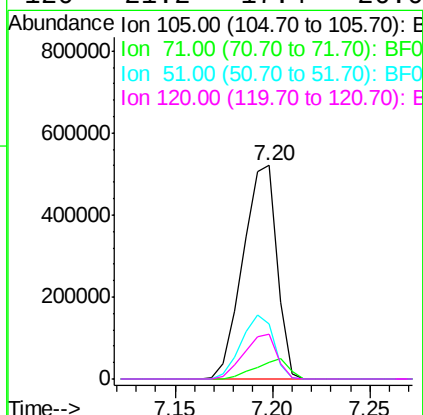
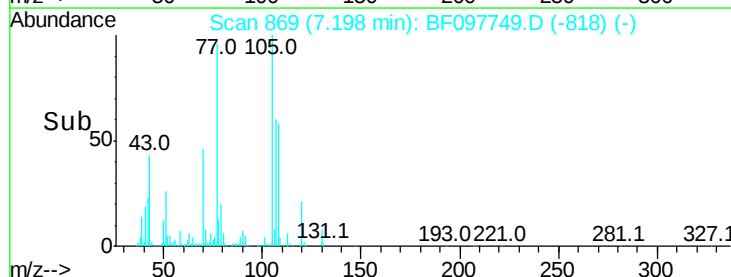
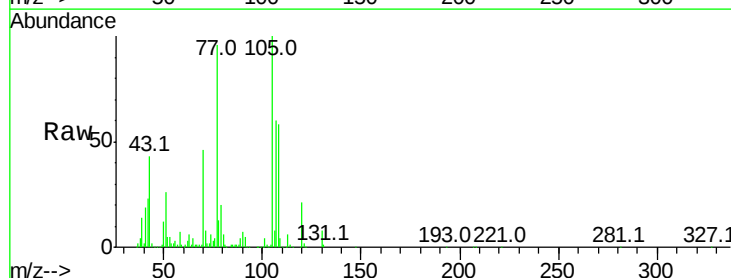
Manual Integrations
APPROVED

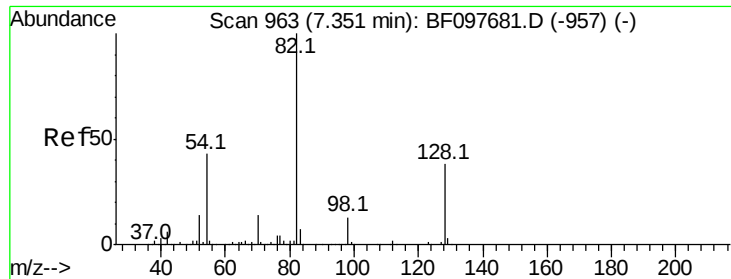
Sohil
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#22
Acetophenone
Concen: 41.716 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	628722		
71	7.7	2.8	4.2	
51	25.6	30.7	46.1	
120	21.2	17.4	26.0	





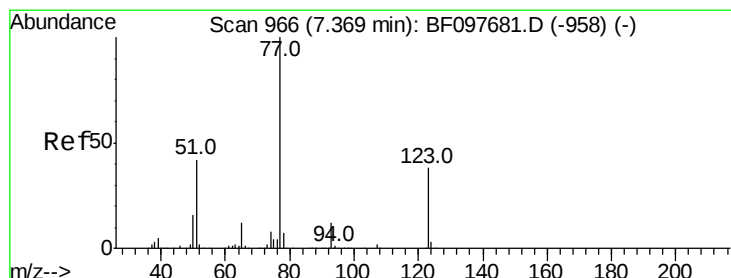
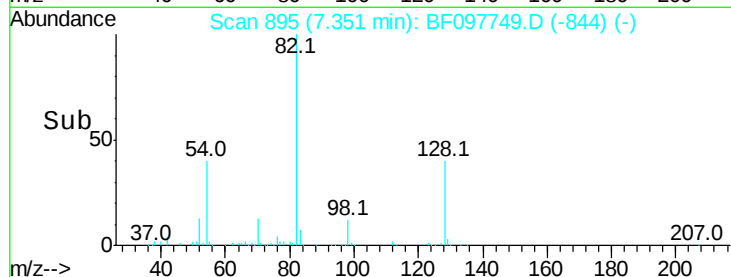
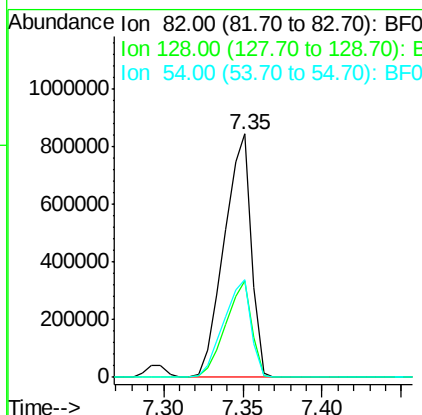
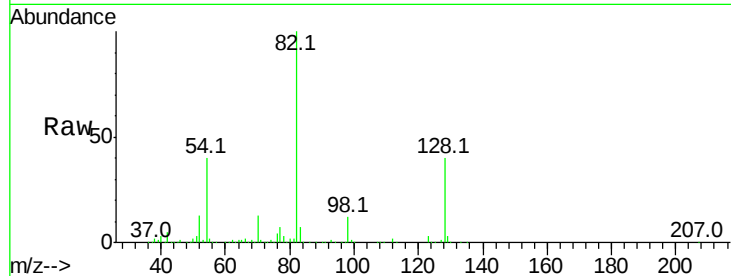
#23
Nitrobenzene-d5
Concen: 94.934 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	34.0	51.0	
54	40.1	42.2	63.2	

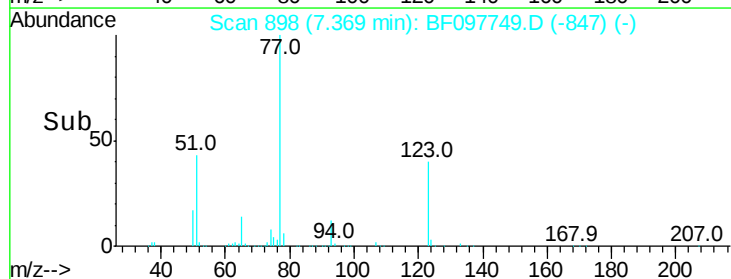
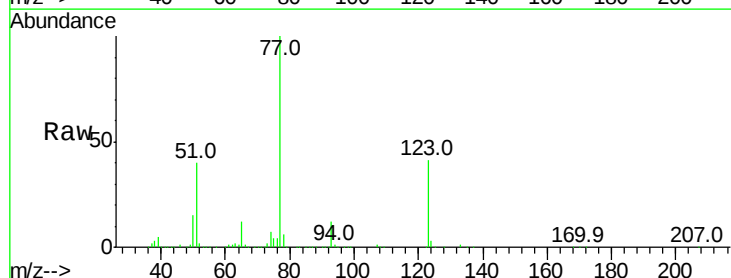
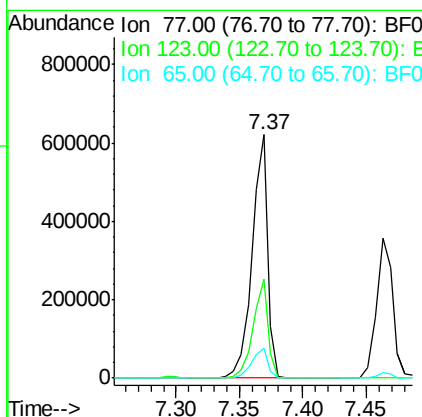
Manual Integrations
APPROVED

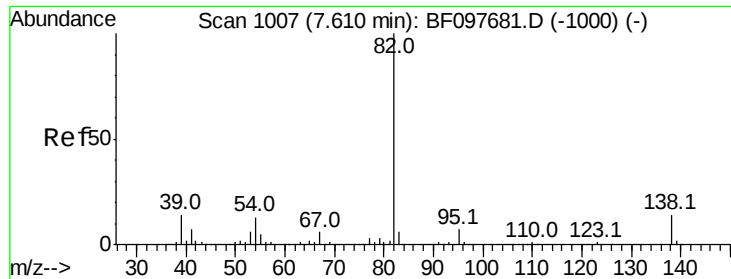
Sohil
8/17/2017 5:57:49 PM



#24
Nitrobenzene
Concen: 45.560 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.5	35.8	53.8	
65	12.3	10.6	15.8	





#25

Isophorone

Concen: 44.300 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

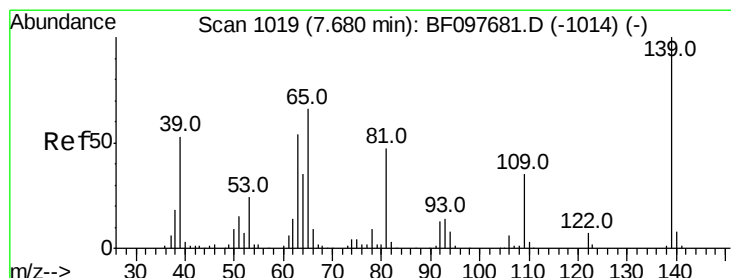
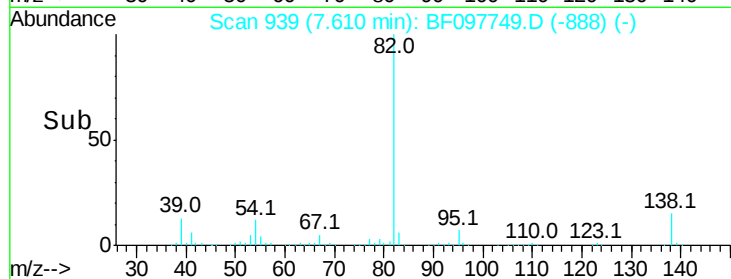
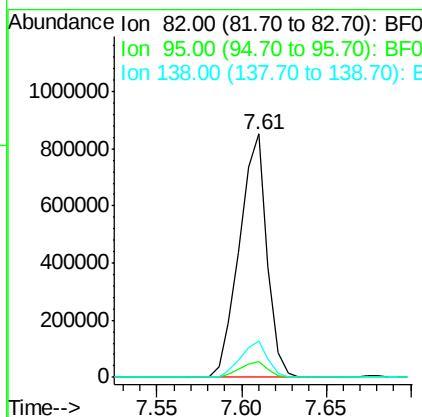
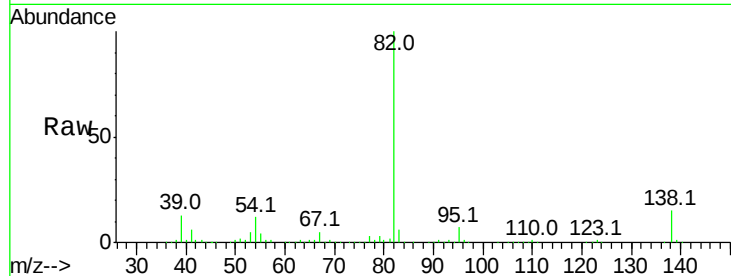
ClientSampleId :

PB101564BS

Tot Ion	82	Resp	967384
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	14.9	13.1	19.7

Manual Integrations
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8/17/2017 5:57:49 PM



#26

2-Nitrophenol

Concen: 45.677 ng

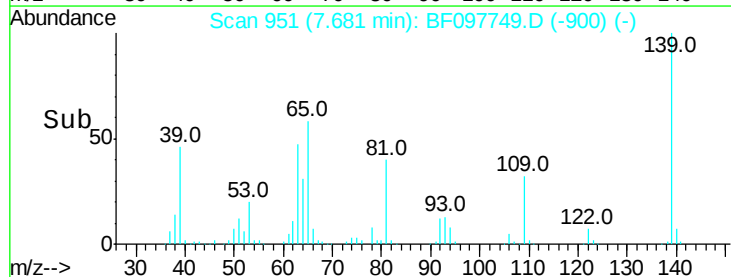
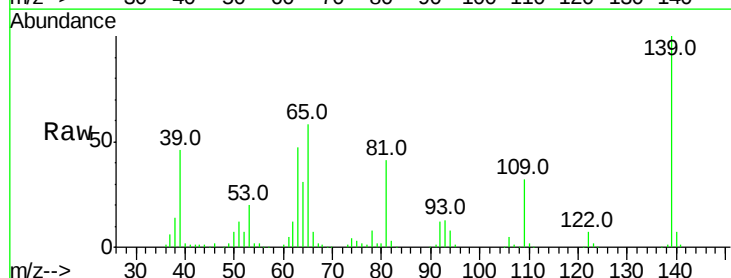
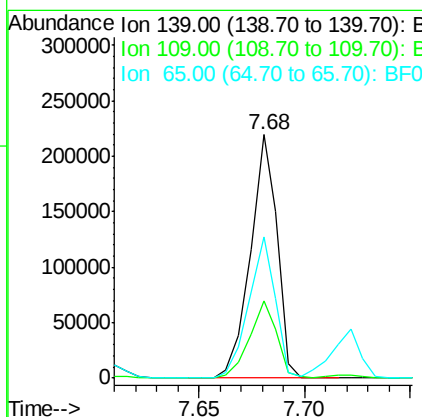
RT: 7.68 min Scan# 951

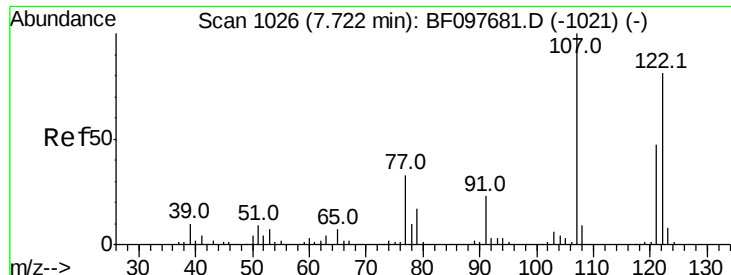
Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion	139	Resp	192294
Ion Ratio	Lower	Upper	
139	100		
109	31.9	21.0	31.6#
65	58.1	33.0	49.6#





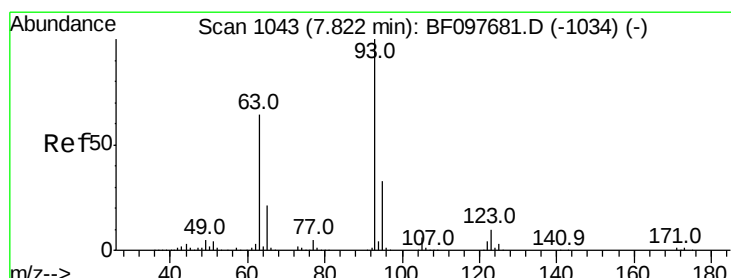
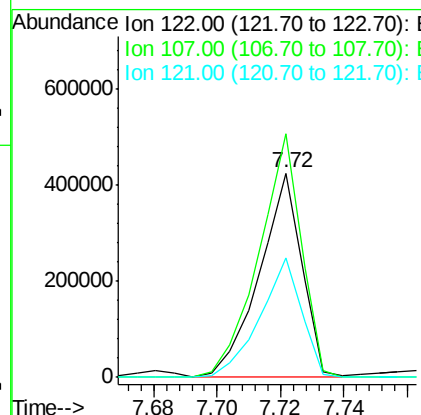
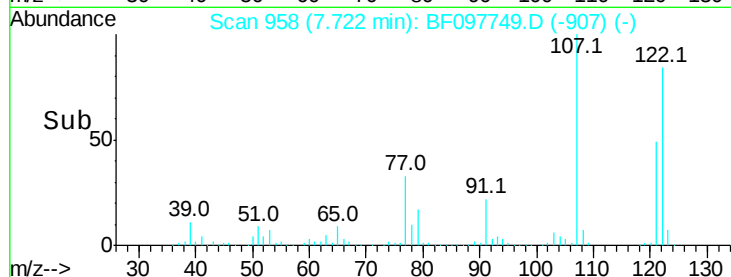
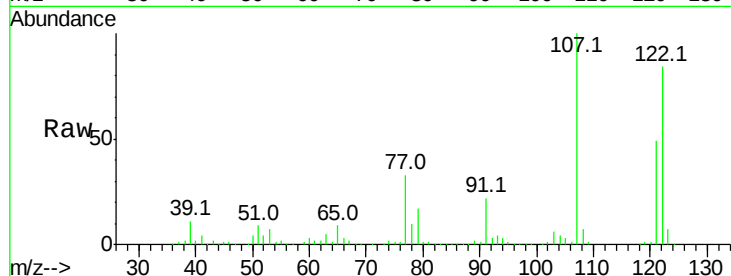
#27
 2,4-Dimethylphenol
 Concen: 43.541 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion:	122	Resp:	396539
Ion Ratio	Lower	Upper	
122	100		
107	119.1	89.2	133.8
121	58.3	45.2	67.8

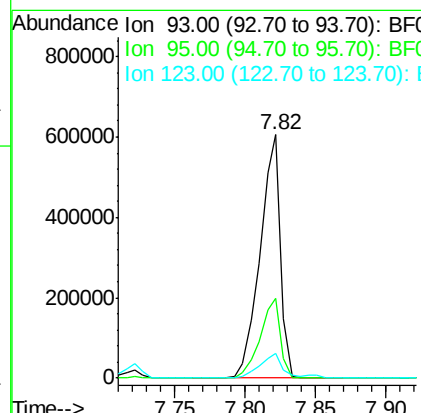
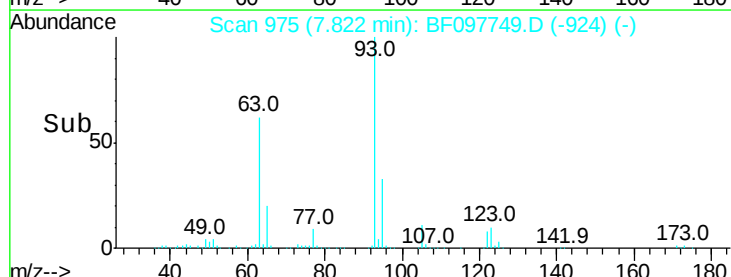
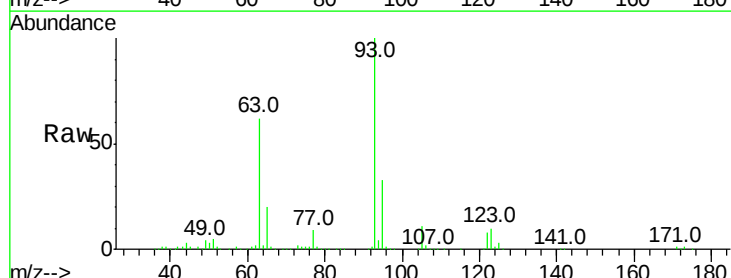
Manual Integrations
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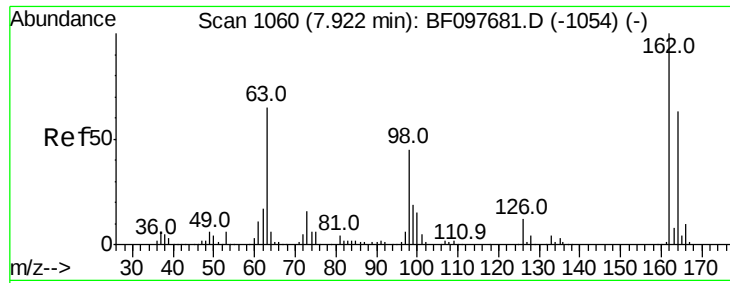
Sohil
 8/17/2017 5:57:49 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.848 ng
 RT: 7.82 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:	93	Resp:	615143
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.2	9.0	13.4





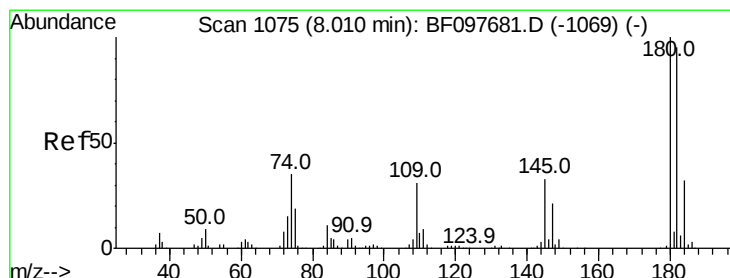
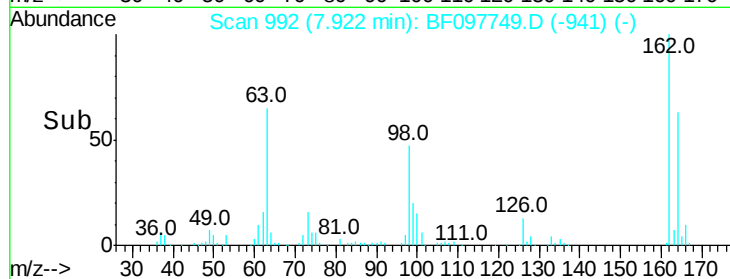
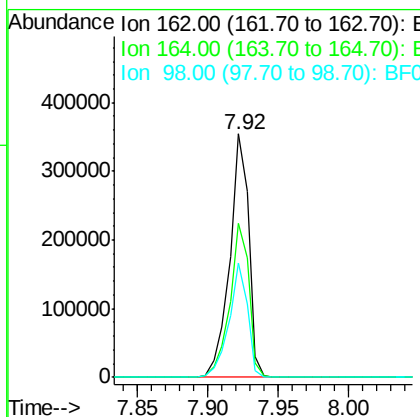
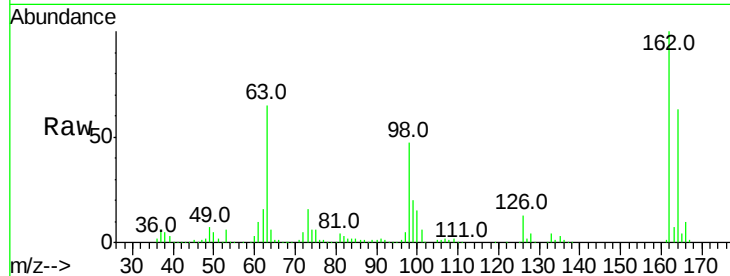
#29
 2,4-Dichlorophenol
 Concen: 43.847 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	331481		
164	63.2	44.6	84.6	
98	47.0	14.8	54.8	

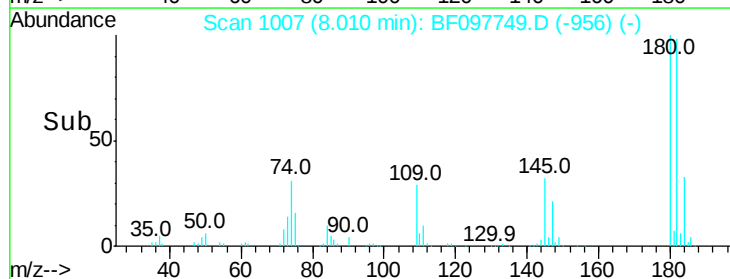
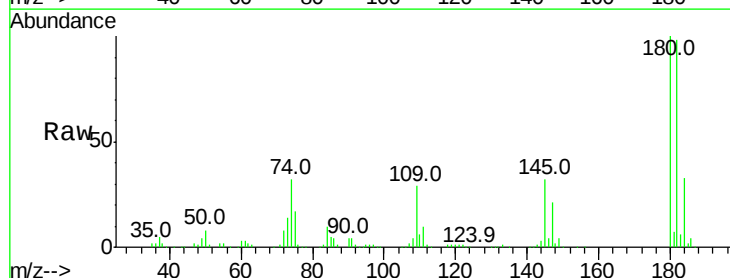
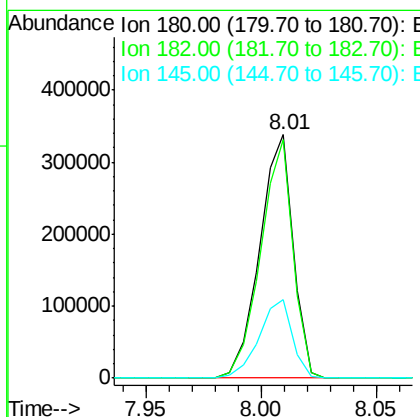
Manual Integrations
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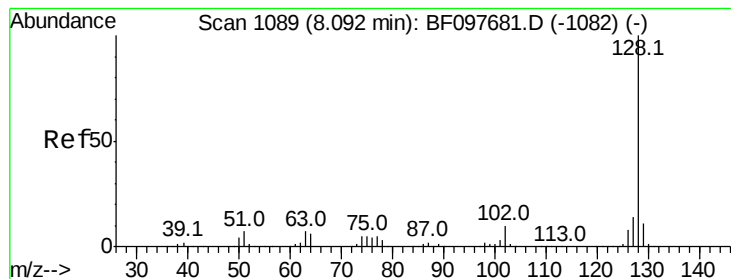
Sohil
 8/17/2017 5:57:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.587 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	340144		
182	97.9	75.8	113.6	
145	32.3	25.3	37.9	





#31

Naphthalene

Concen: 40.725 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

Tot Ion:128 Resp: 1206193

Ion Ratio Lower Upper

128 100

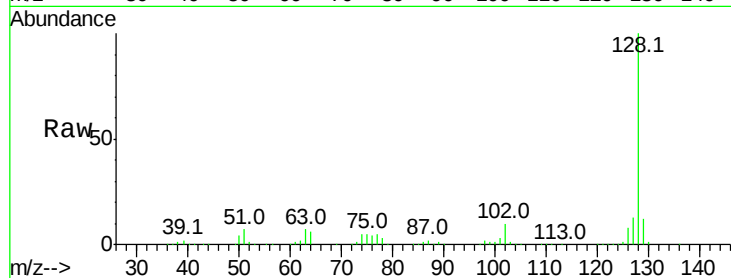
129 11.6 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
APPROVED

Sohil

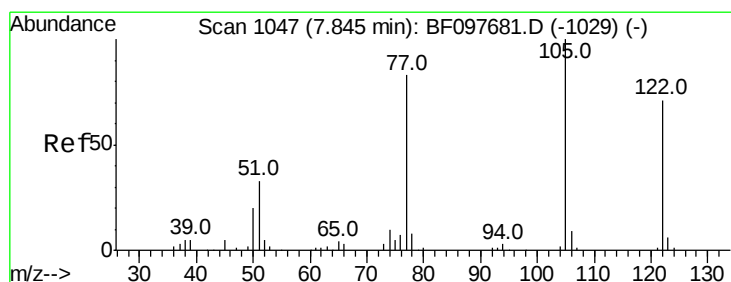
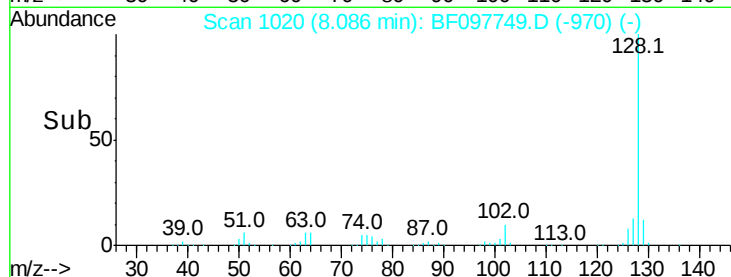
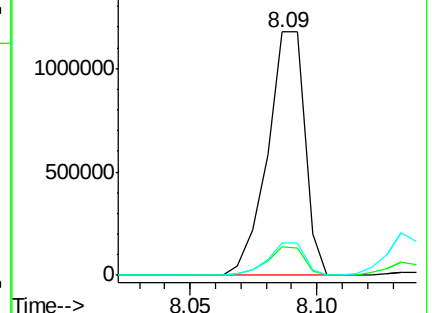
8/17/2017 5:57:49 PM



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: 39.737 ng

RT: 7.85 min Scan# 980

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

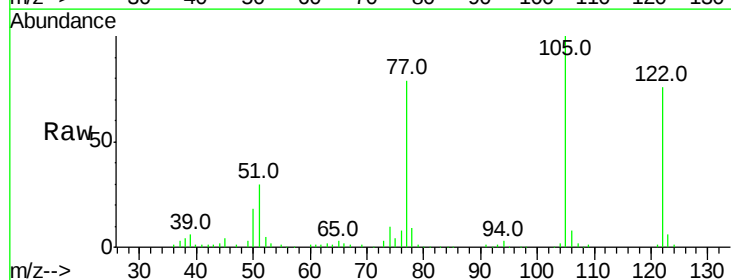
Tgt Ion:122 Resp: 255238

Ion Ratio Lower Upper

122 100

105 131.2 103.3 143.3

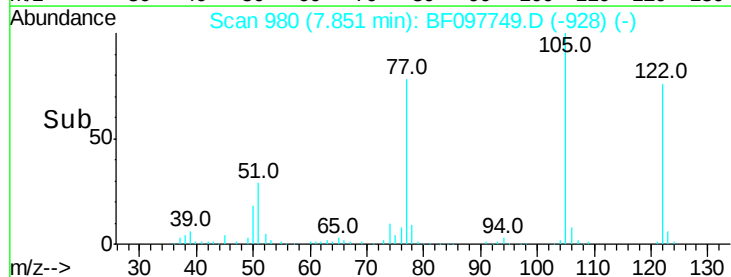
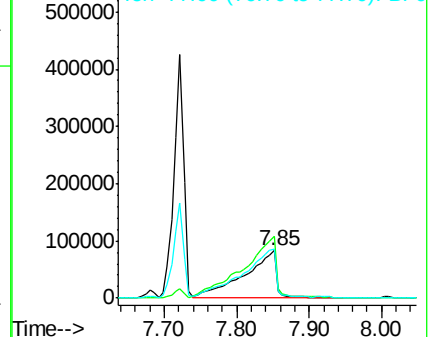
77 103.9 73.7 113.7

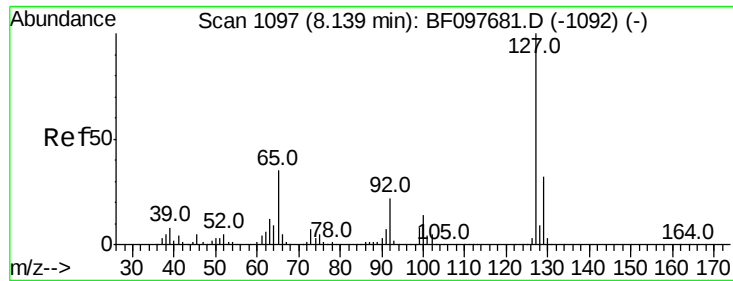


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





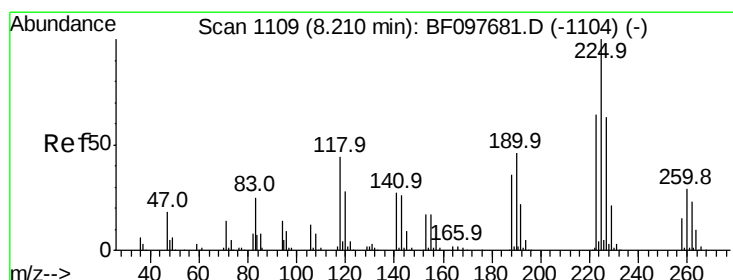
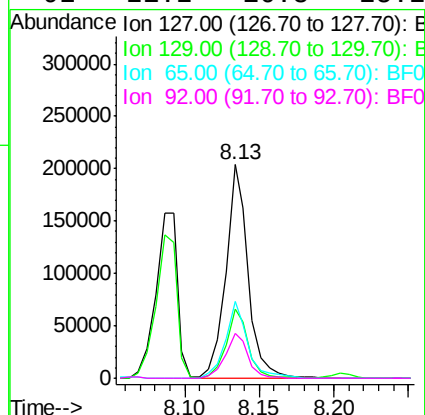
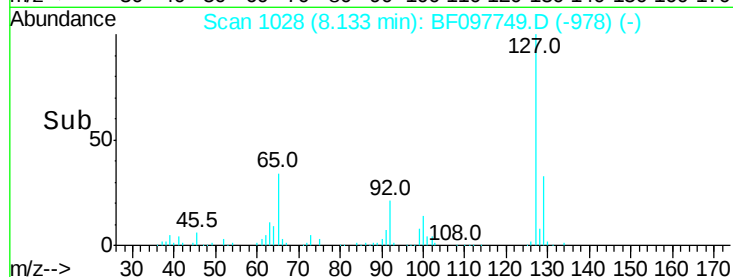
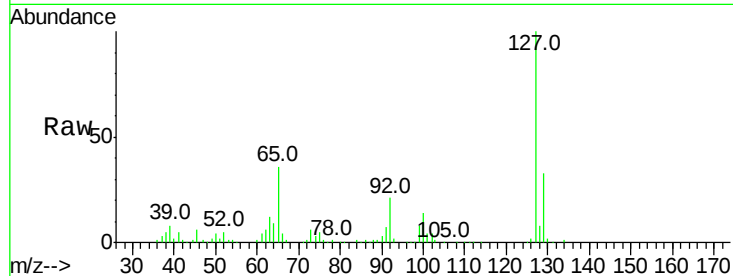
#33
4-Chloroaniline
Concen: 17.101 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.2	39.2		
65	35.7	27.8	41.8		
92	21.2	16.8	25.2		

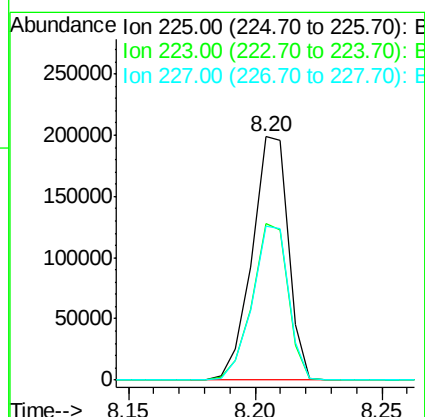
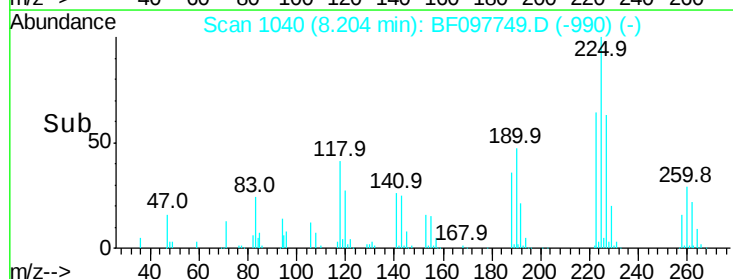
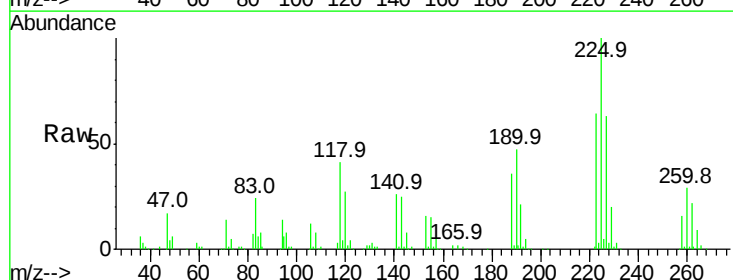
Manual Integrations
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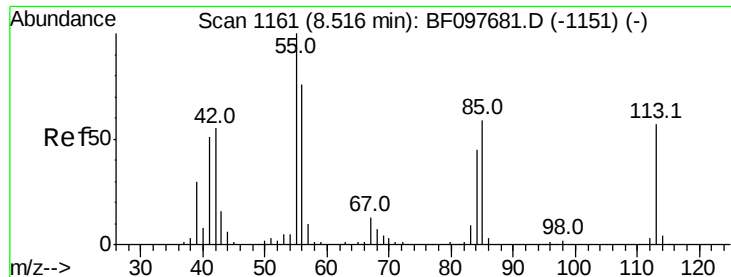
Sohil
8/17/2017 5:57:49 PM



#34
Hexachlorobutadiene
Concen: 40.538 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	48.8	73.2		
227	63.5	51.1	76.7		





#35

Caprolactam

Concen: 44.947 ng/mL

RT: 8.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

Tot Ion:113 Resp: 115518

Ion Ratio Lower Upper

113 100

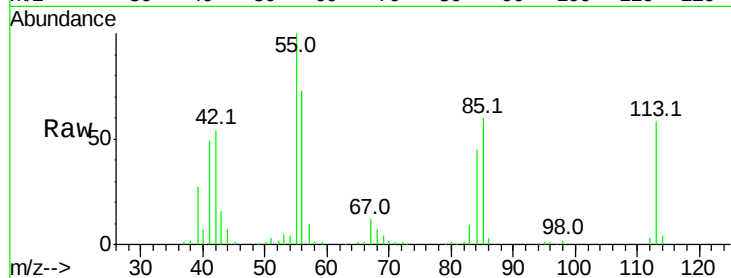
55 172.9 150.2 190.2

56 127.0 107.8 147.8

Manual Integrations
APPROVED

Sohil

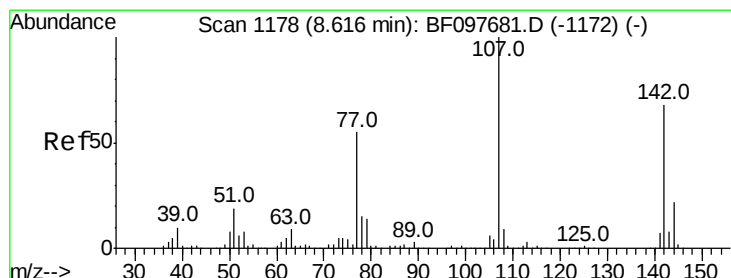
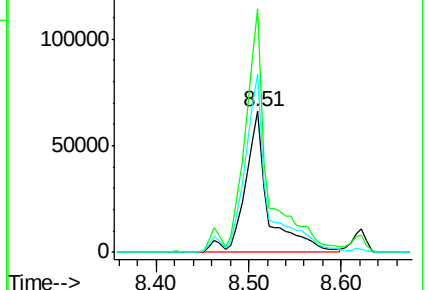
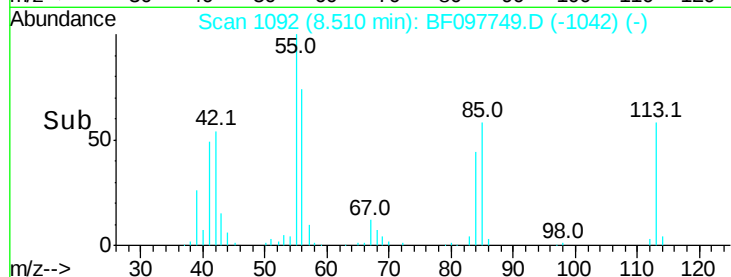
8/17/2017 5:57:49 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.819 ng/mL

RT: 8.62 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

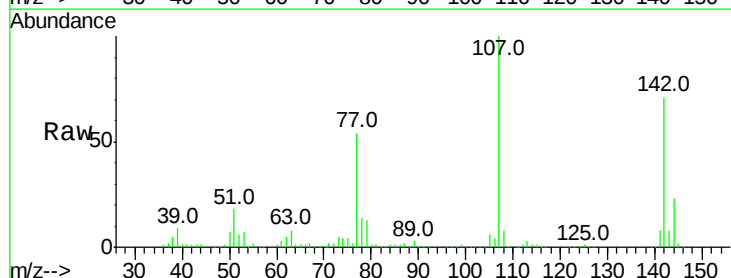
Tgt Ion:107 Resp: 396482

Ion Ratio Lower Upper

107 100

144 22.7 24.2 36.4#

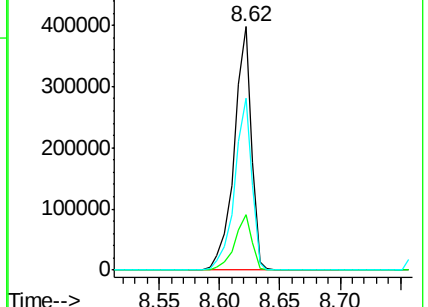
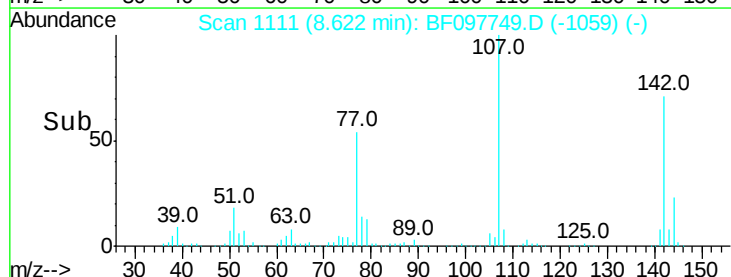
142 70.5 73.4 110.0#

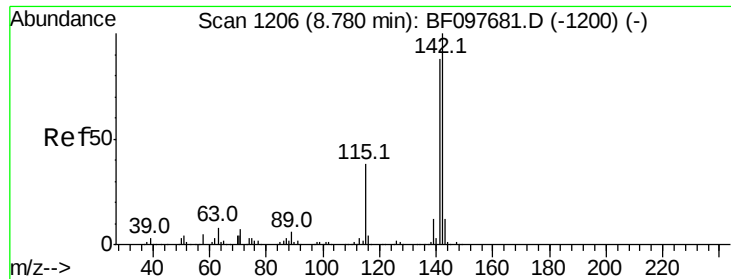


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





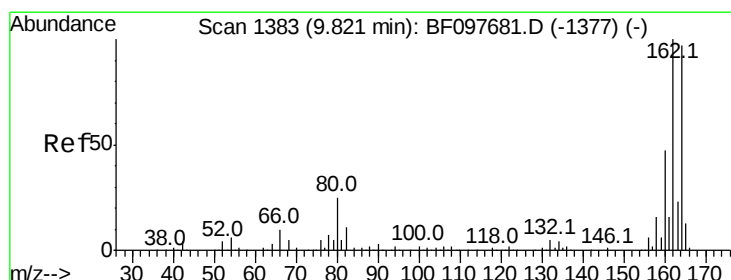
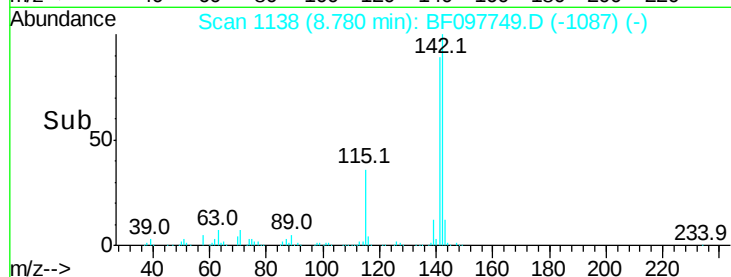
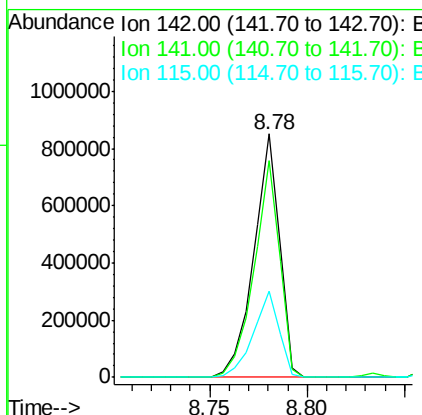
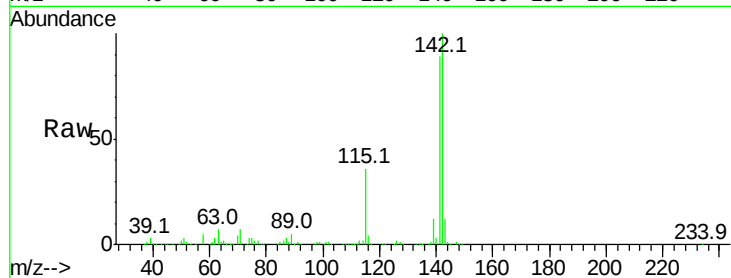
#37
2-Methylnaphthalene
Concen: 42.773 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	35.5	27.1	40.7

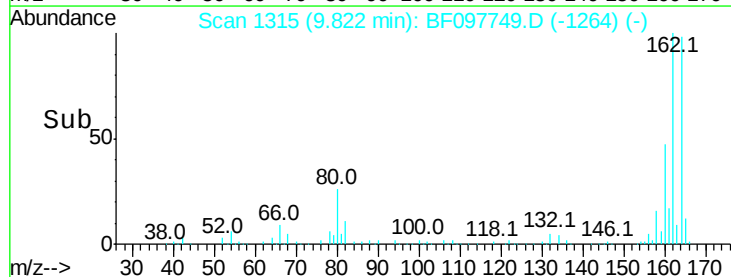
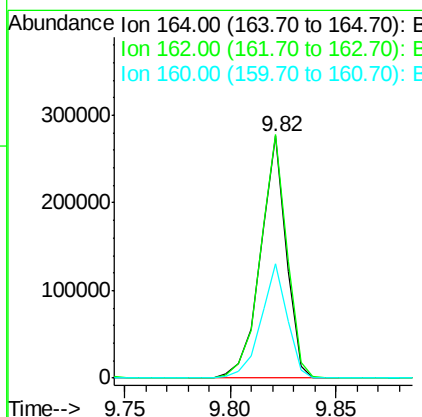
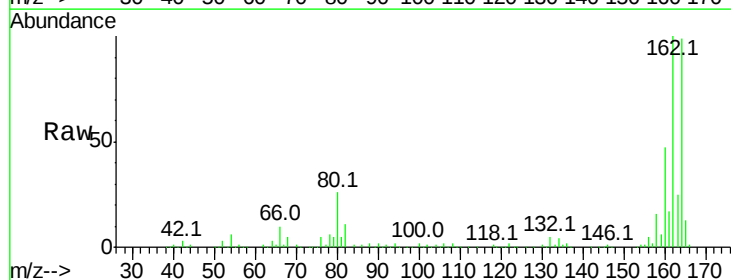
Manual Integrations
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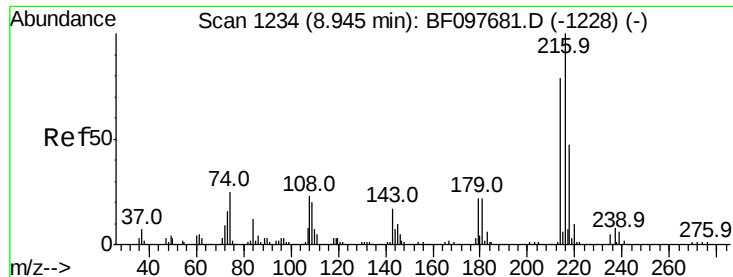
Sohil
8/17/2017 5:57:49 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	47.3	36.2	54.2





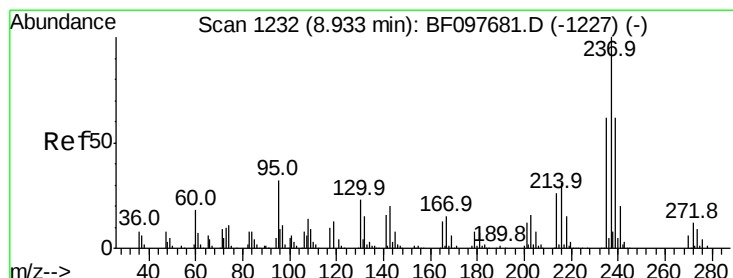
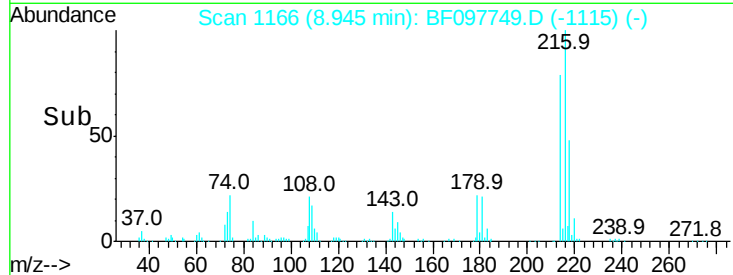
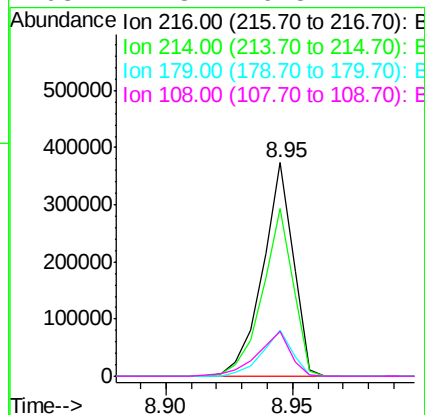
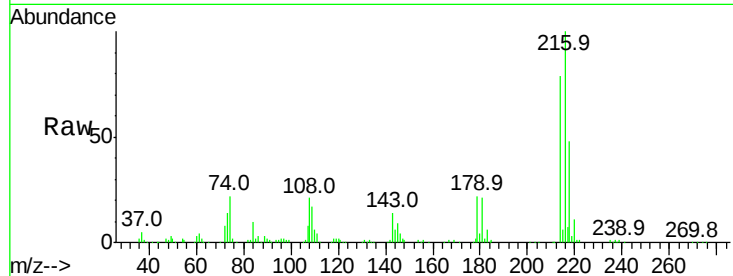
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.067 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.7	17.9	26.9
108	22.8	16.5	24.7

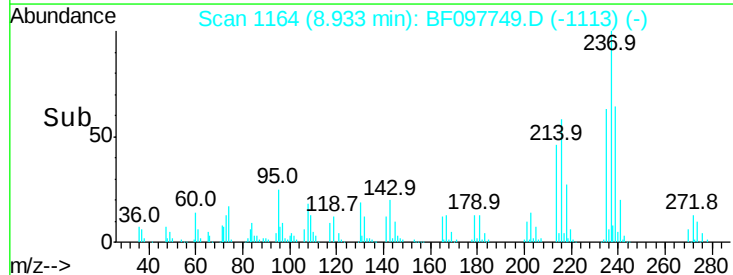
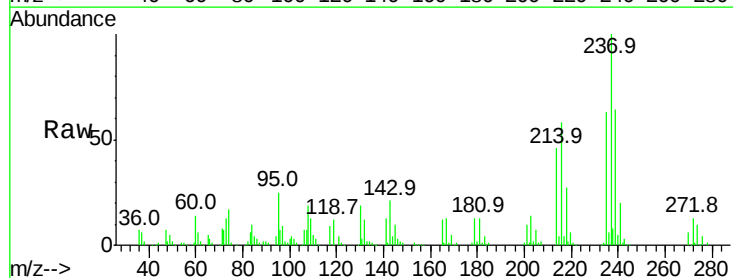
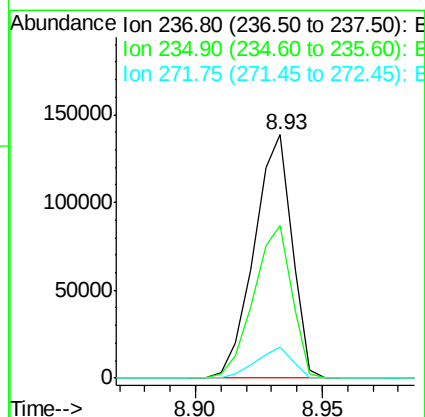
Manual Integrations
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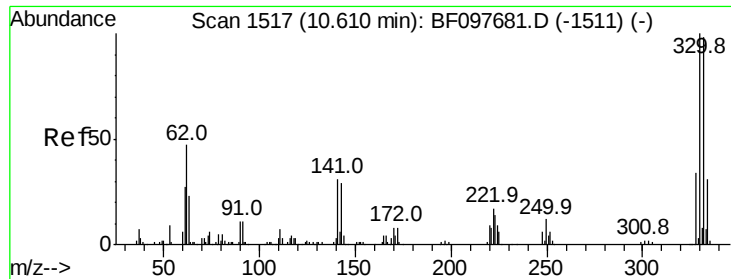
Sohil
 8/17/2017 5:57:49 PM



#40
 Hexachlorocyclopentadiene
 Concen: 41.846 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	42.6	82.6
272	12.8	0.0	31.9





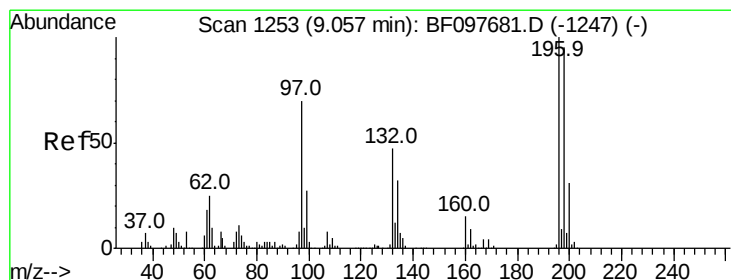
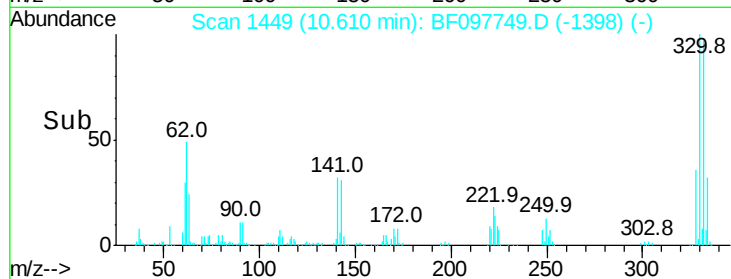
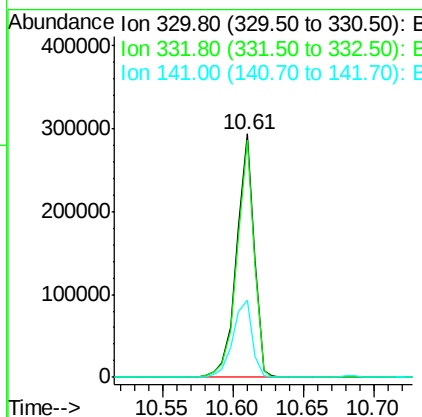
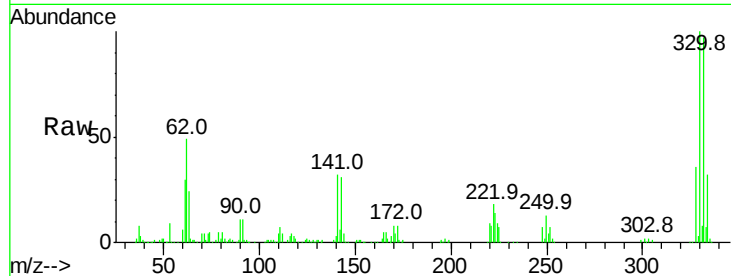
#41
 2,4,6-Tribromophenol
 Concen: 124.235 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	252247		
332	95.2	76.6	115.0	
141	35.2	31.4	47.2	

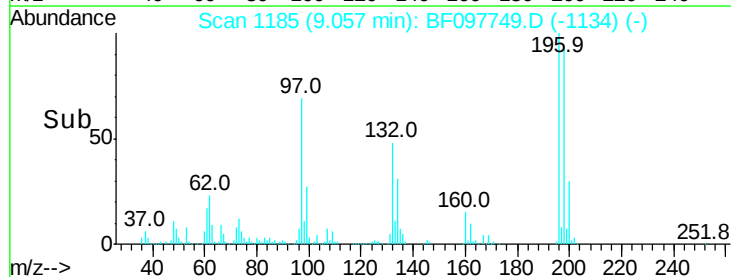
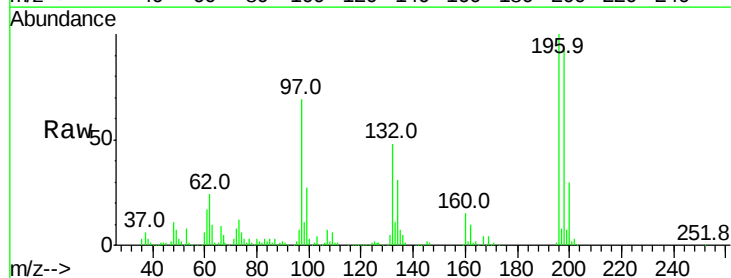
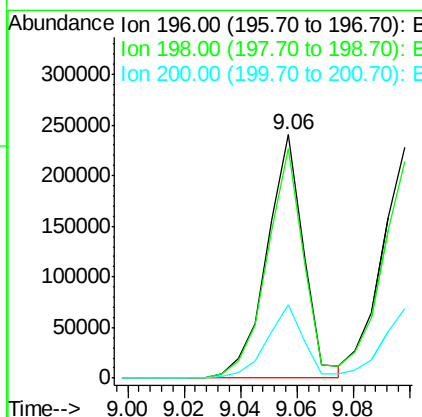
Manual Integrations
 APPROVED

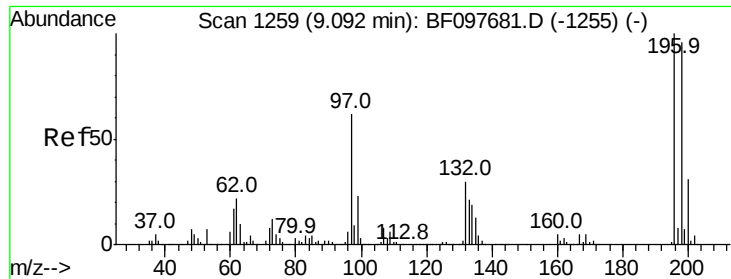
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 45.206 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	217962		
198	94.5	74.2	111.4	
200	30.2	24.0	36.0	





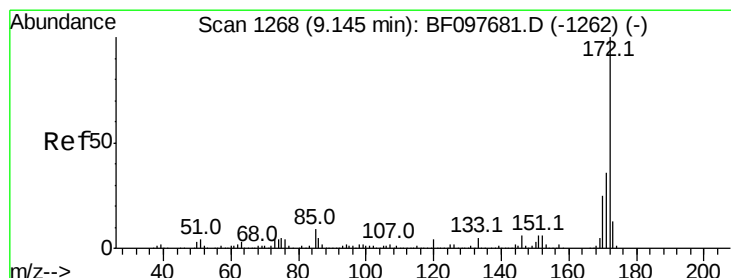
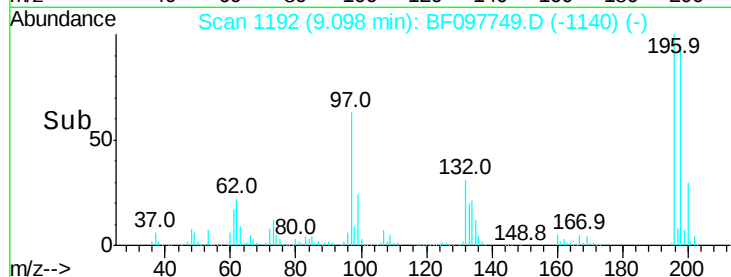
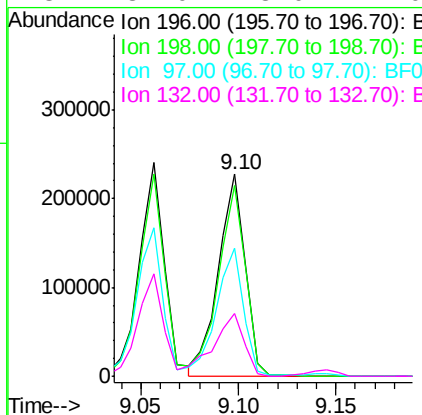
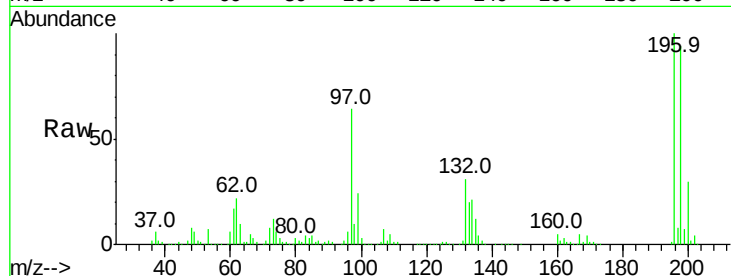
#43
 2,4,5-Trichlorophenol
 Concen: 45.395 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	196	Resp	217140
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.7	113.5
97	63.5	47.7	71.5
132	31.0	28.0	42.0

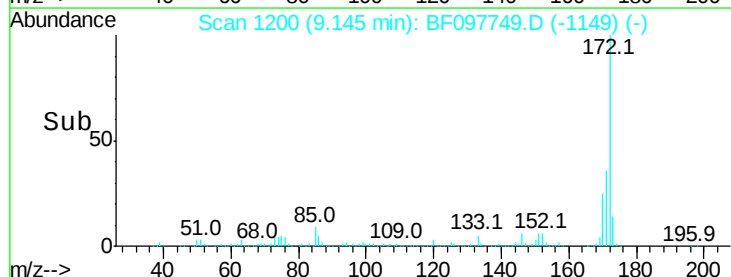
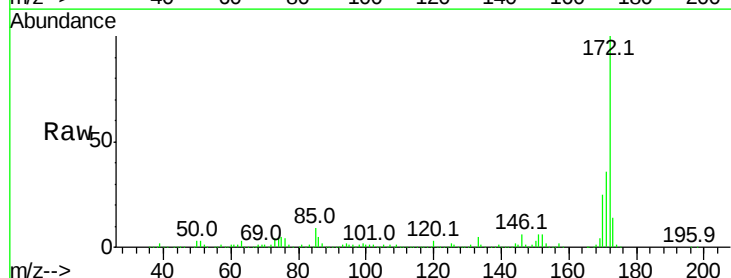
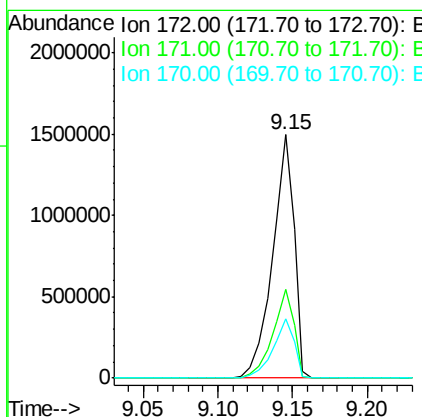
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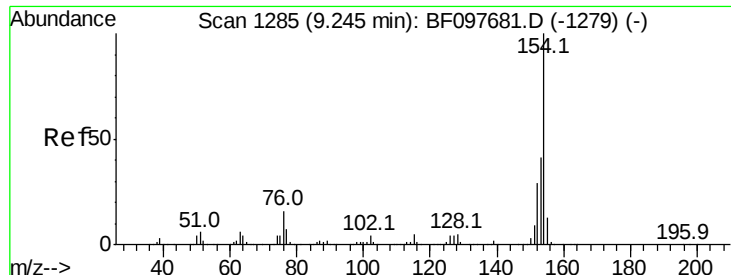
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 93.412 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	172	Resp	1487826
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8





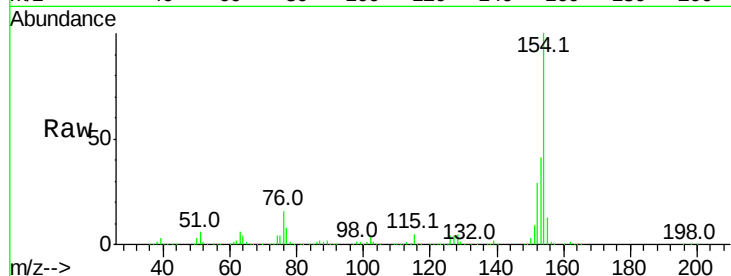
#45
 1,1'-Biphenyl
 Concen: 42.731 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampled :
 PB101564BS

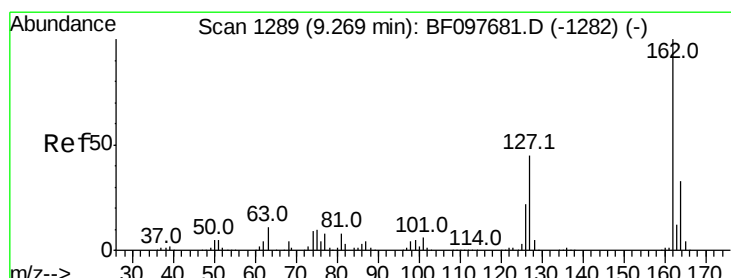
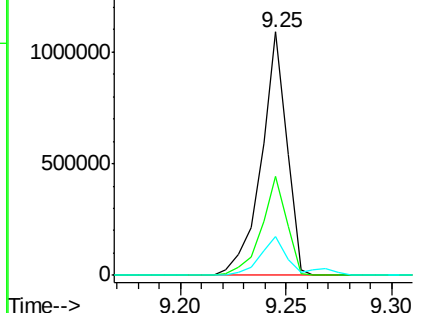
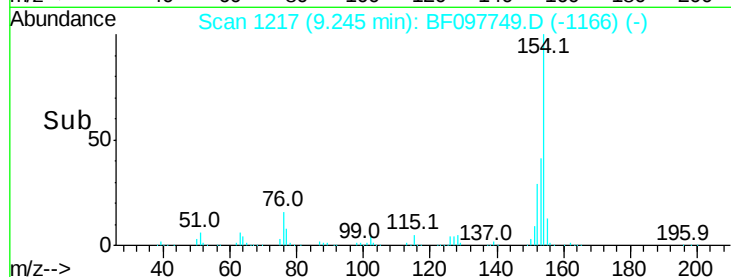
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.7	21.2	61.2	
76	16.1	0.0	29.9	

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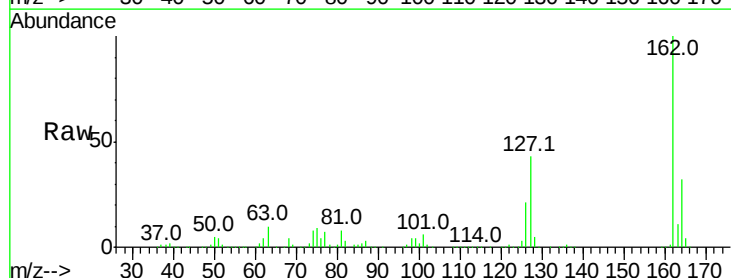


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

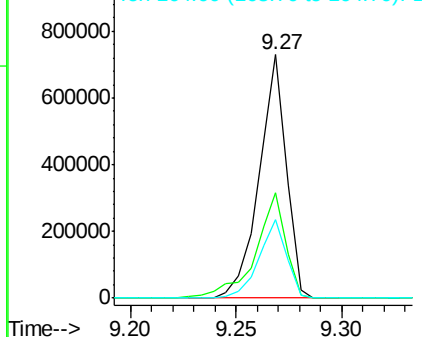
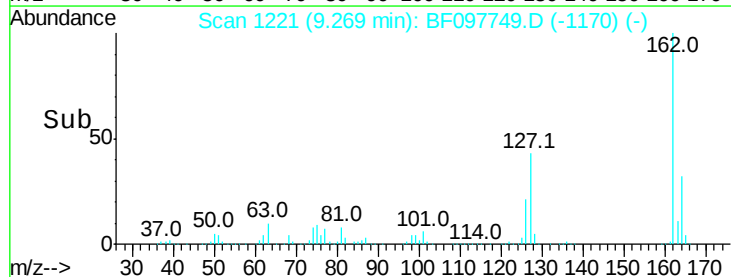


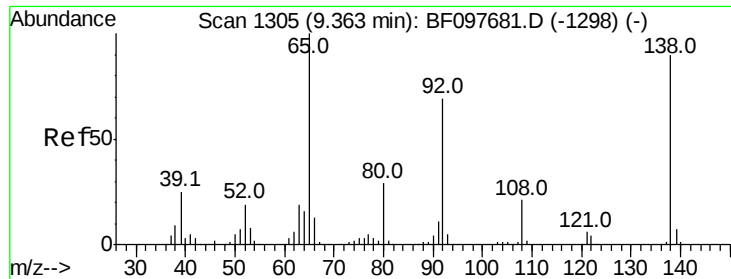
#46
 2-Chloronaphthalene
 Concen: 41.313 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.5	28.3	42.5#	
164	32.3	27.0	40.4	



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





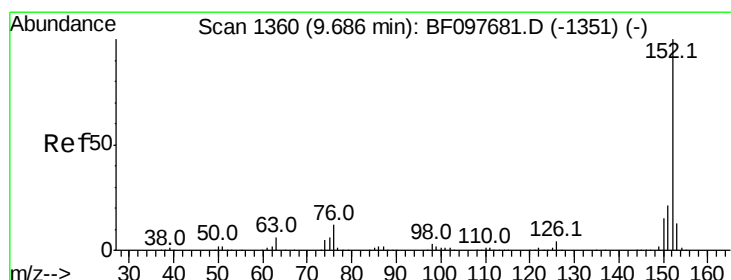
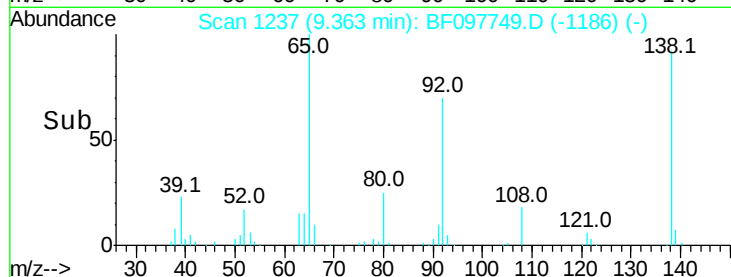
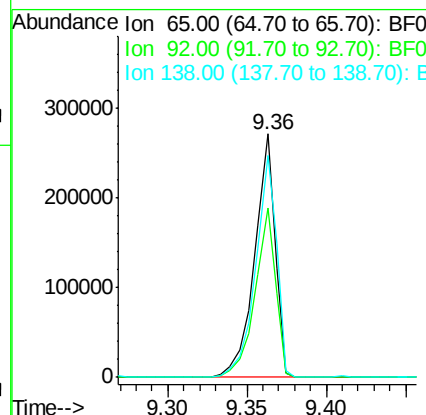
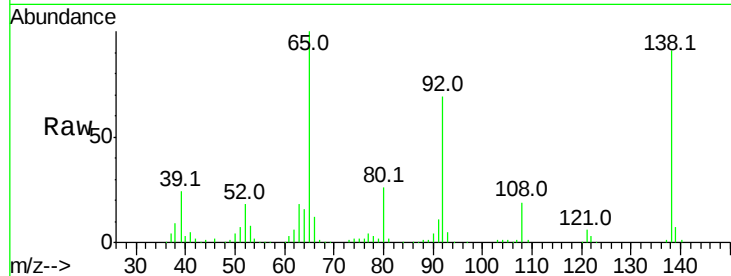
#47
2-Nitroaniline
Concen: 45.888 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.9	80.9
138	91.3	78.8	118.2

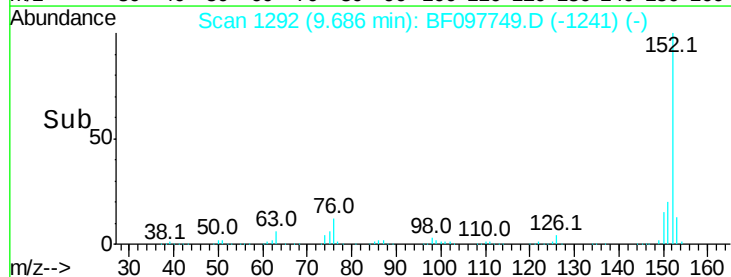
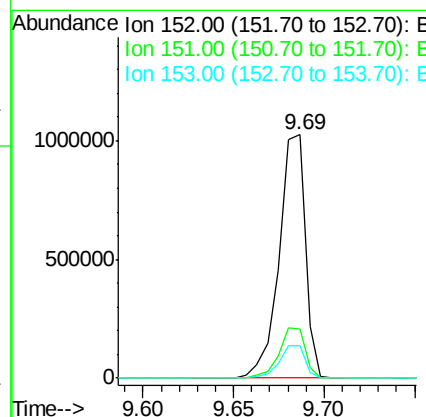
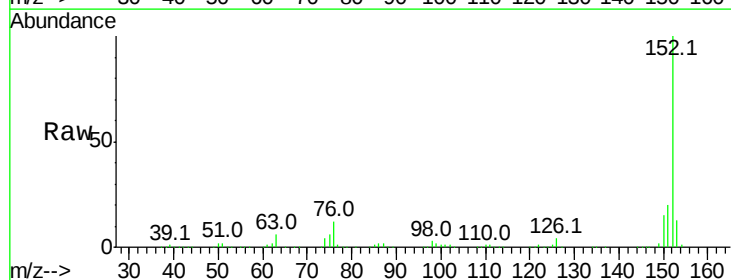
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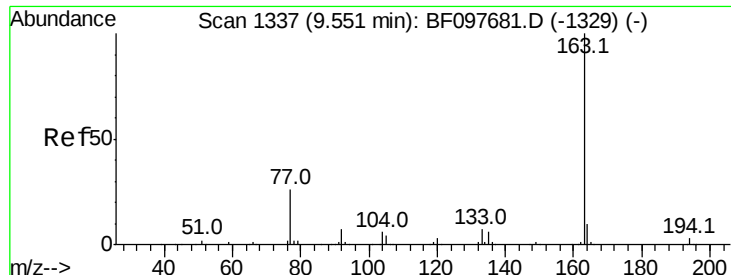
Sohil
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#48
Acenaphthylene
Concen: 41.719 ng
RT: 9.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.3	10.8	16.2





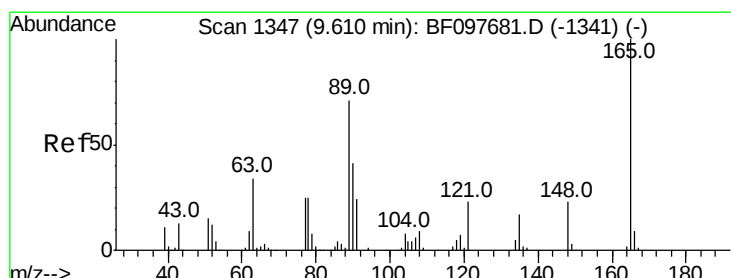
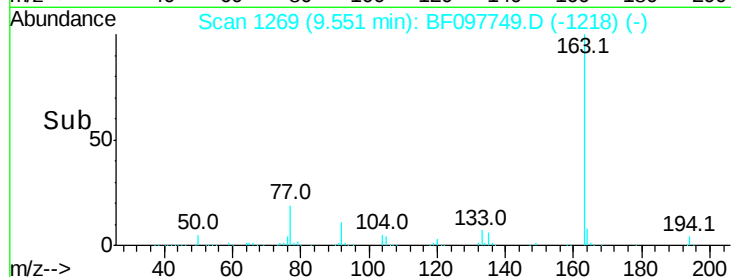
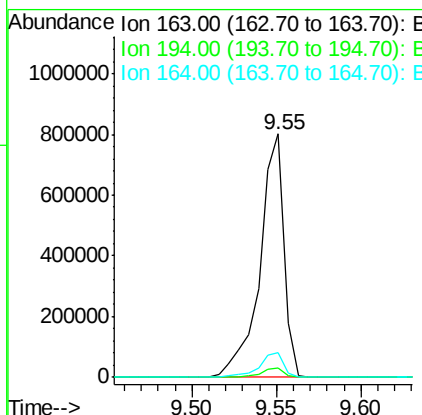
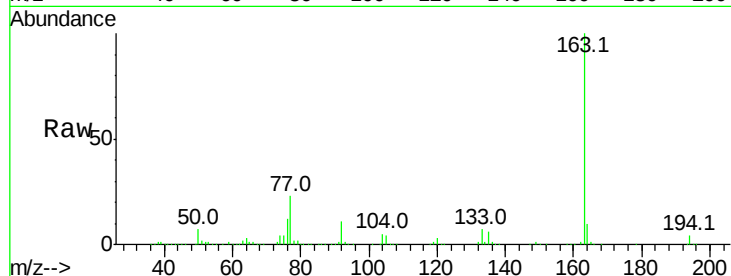
#49
 Dimethylphthalate
 Concen: 46.437 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleID :
 PB101564BS

Tot Ion	163	Resp	794323
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.6	4.0
164	10.3	8.4	12.6

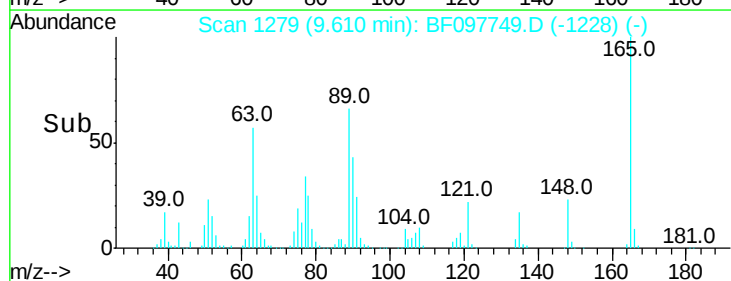
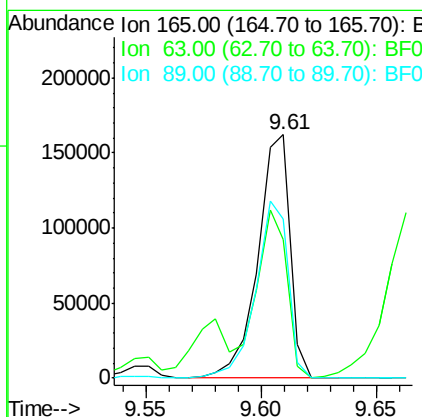
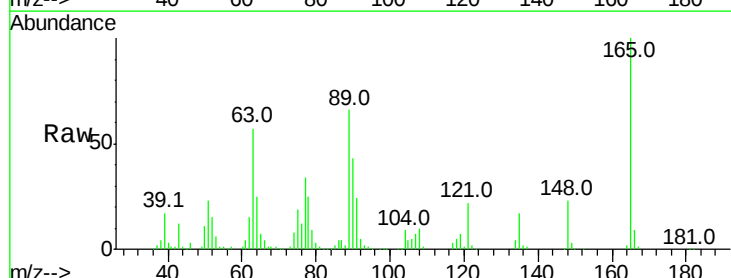
Manual Integrations
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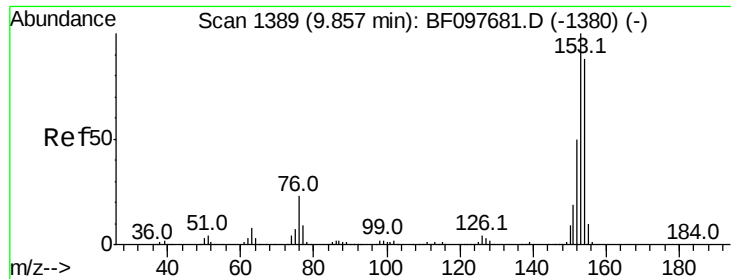
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 46.405 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	165	Resp	158443
Ion Ratio	Lower	Upper	
165	100		
63	57.2	34.3	51.5#
89	65.6	37.1	55.7#





#51

Acenaphthene

Concen: 39.903 ng

RT: 9.86 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

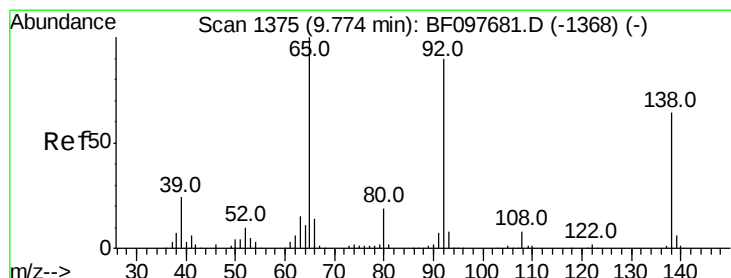
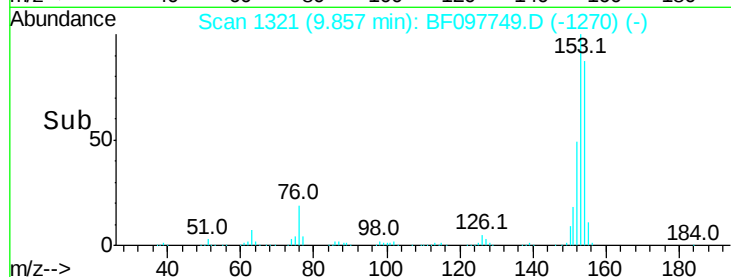
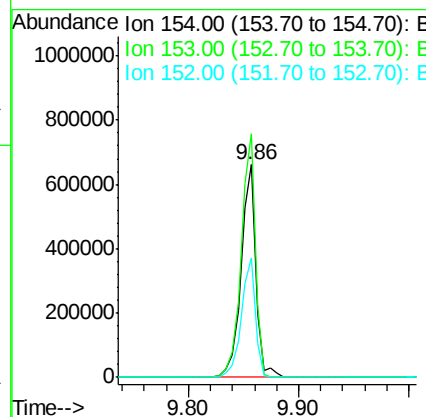
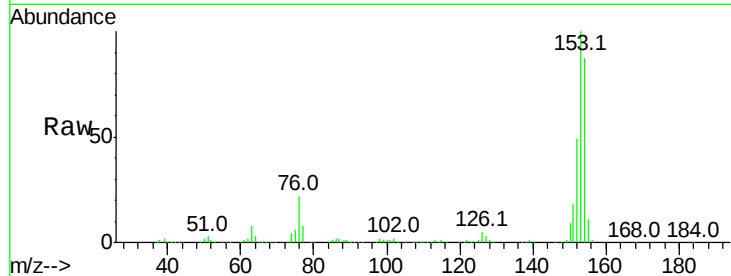
ClientSampleId :

PB101564BS

Tot Ion:	154	Resp:	623122
Ion Ratio	Lower	Upper	
154	100		
153	114.4	90.5	135.7
152	55.9	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.028 ng

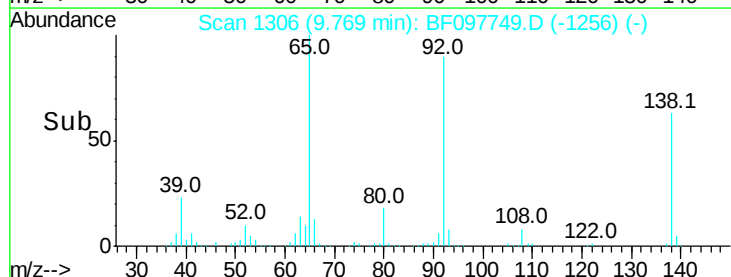
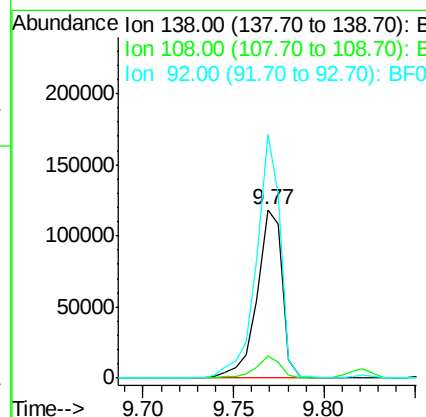
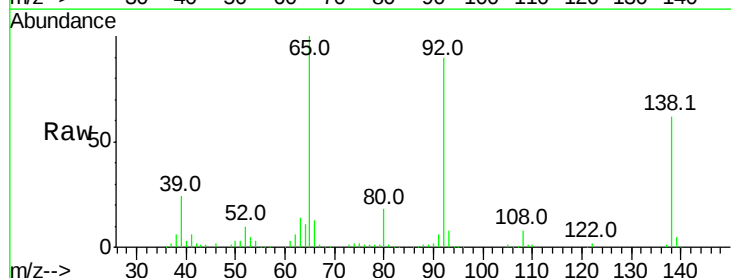
RT: 9.77 min Scan# 1306

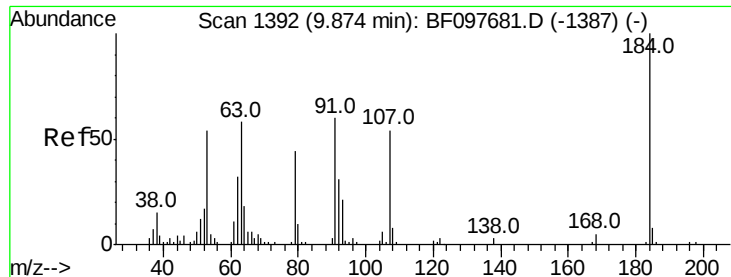
Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:	138	Resp:	114658
Ion Ratio	Lower	Upper	
138	100		
108	13.0	9.1	13.7
92	144.7	93.8	140.6#





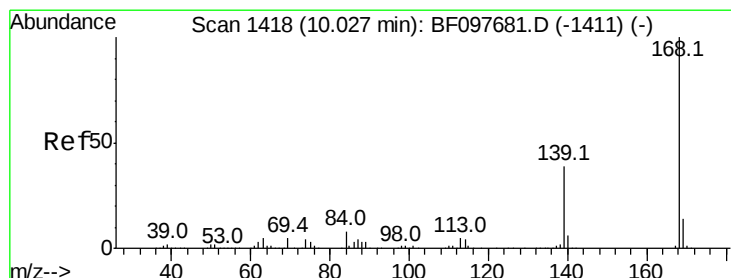
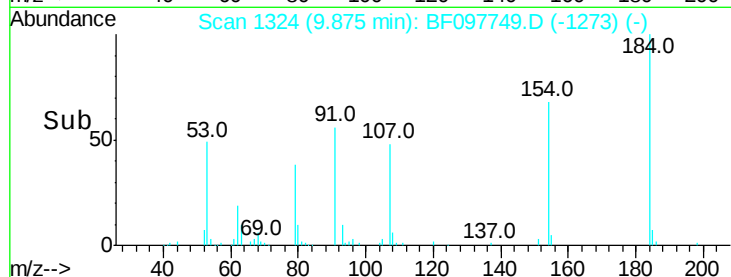
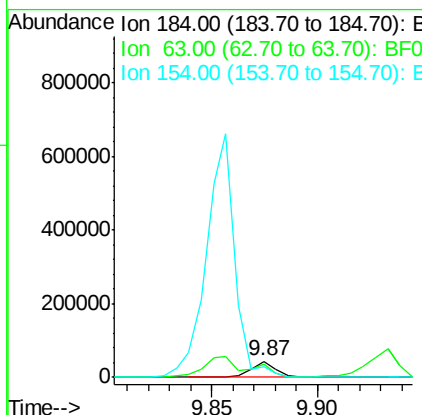
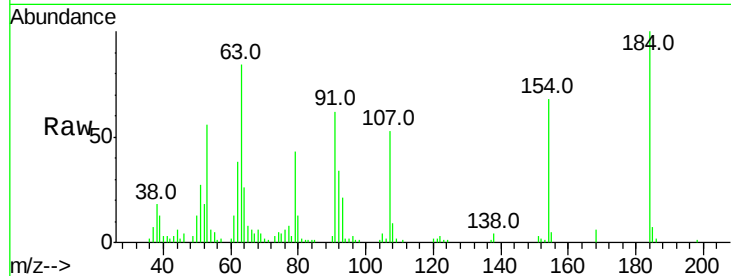
#53
 2,4-Dinitrophenol
 Concen: 29.546 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	84.1	62.7	94.1	
154	67.7	81.1	121.7	

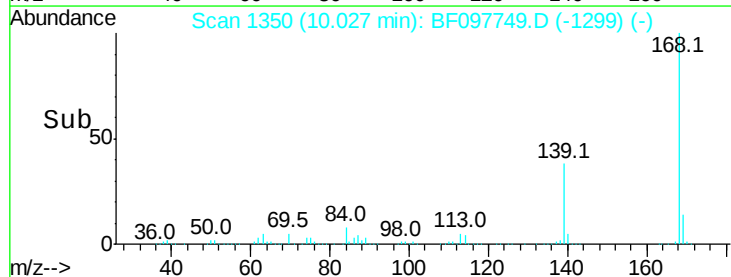
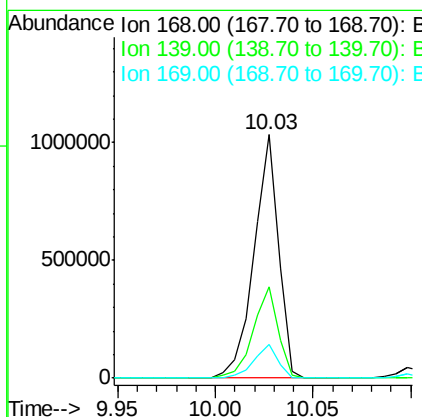
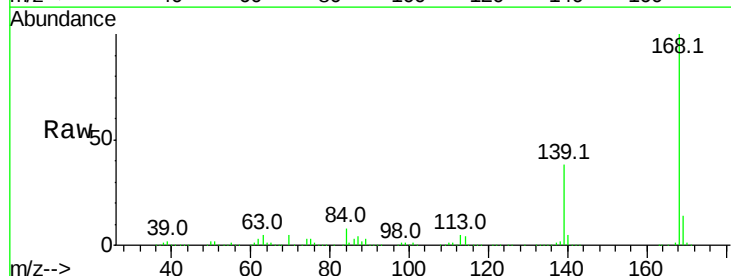
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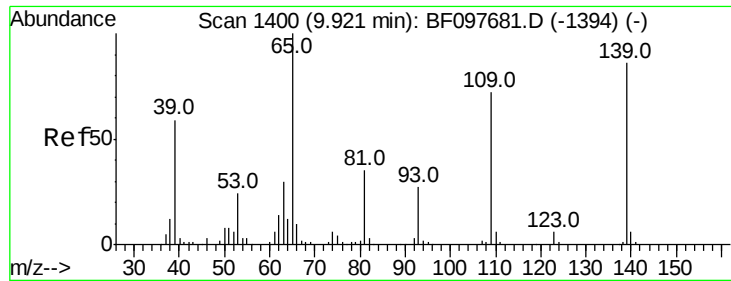
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#54
 Dibenzofuran
 Concen: 43.064 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.5	30.6	45.8	
169	13.7	10.8	16.2	





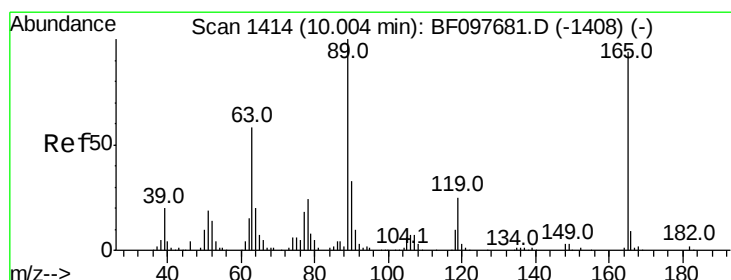
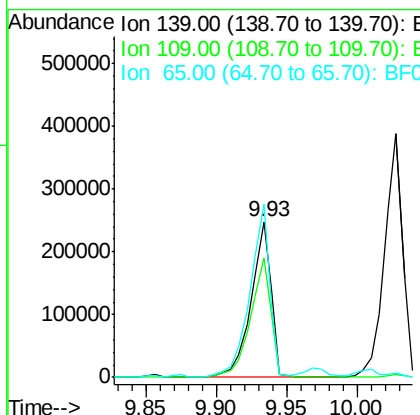
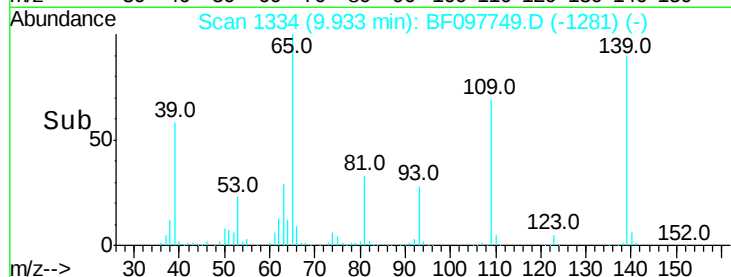
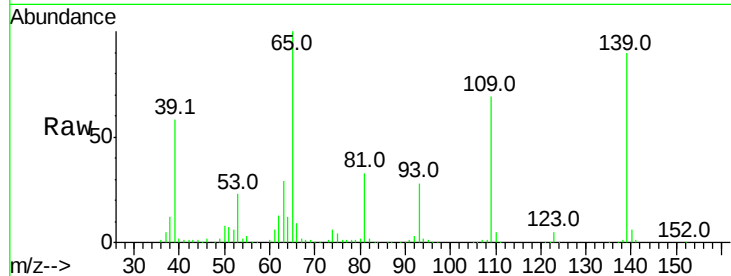
#55
4-Nitrophenol
Concen: 70.565 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB101564BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	76.7	34.1	74.1#
65	111.3	31.4	71.4#

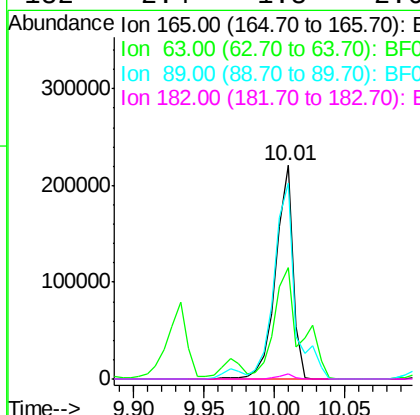
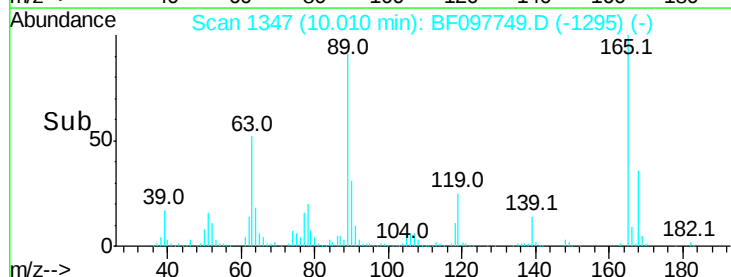
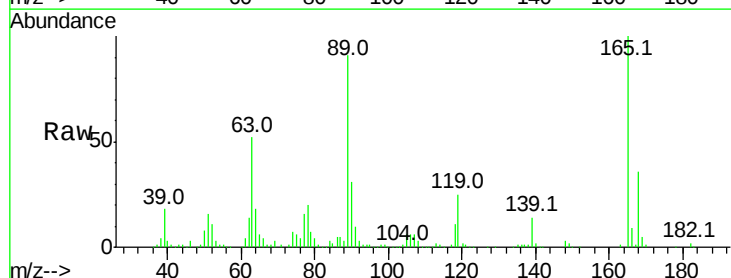
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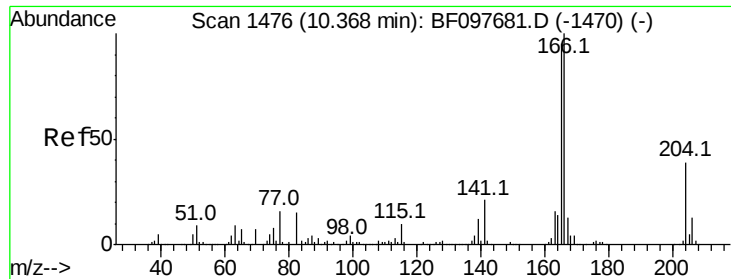
Sohil
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#56
2,4-Dinitrotoluene
Concen: 44.680 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.0	25.4	38.0#
89	91.5	46.4	69.6#
182	2.4	1.8	2.6





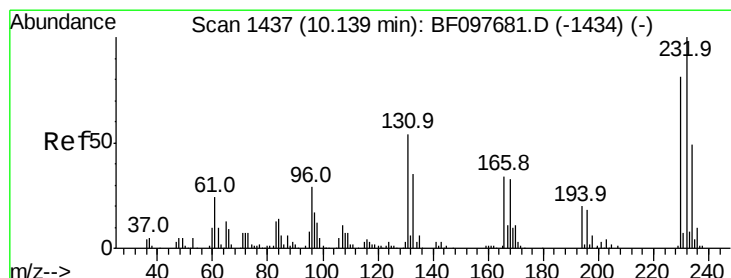
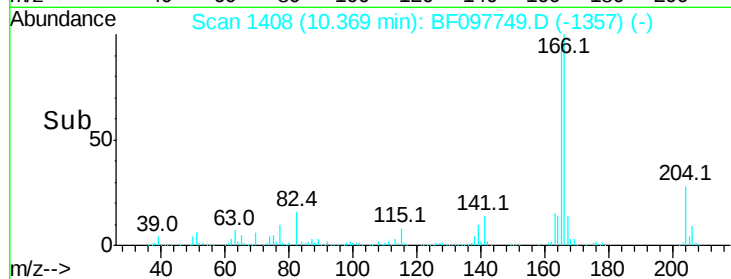
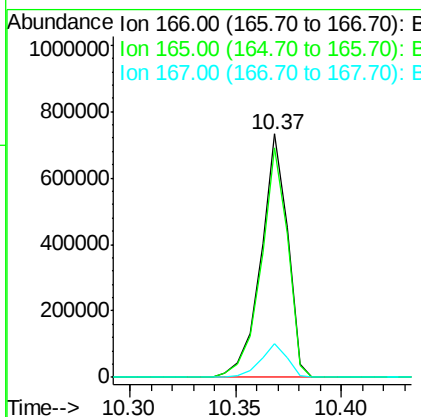
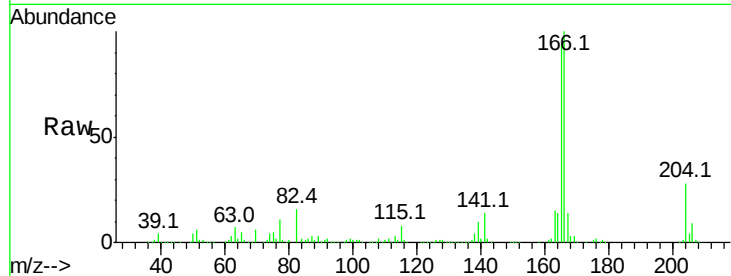
#57
Fluorene
 Concen: 39.678 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	642020		
165	94.4		78.8	118.2
167	13.7		10.6	16.0

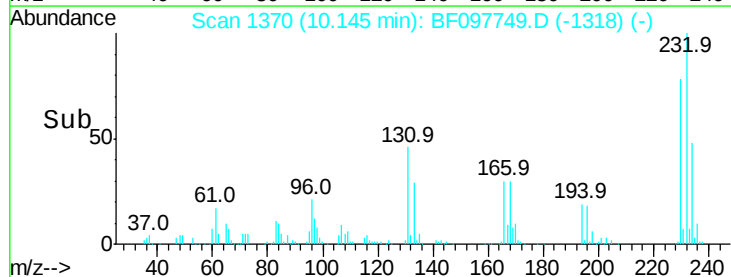
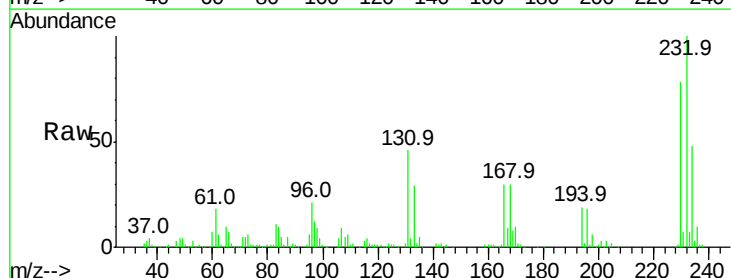
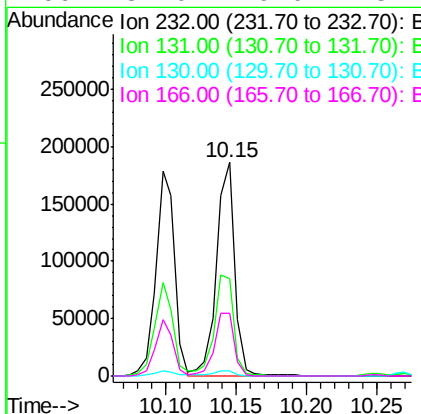
Manual Integrations
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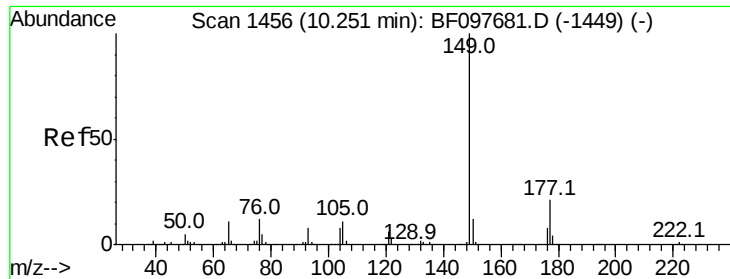
Sohil
 8/17/2017 5:57:49 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.881 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	166213		
131	51.1		44.8	67.2
130	2.6		2.3	3.5
166	32.0		29.0	43.4





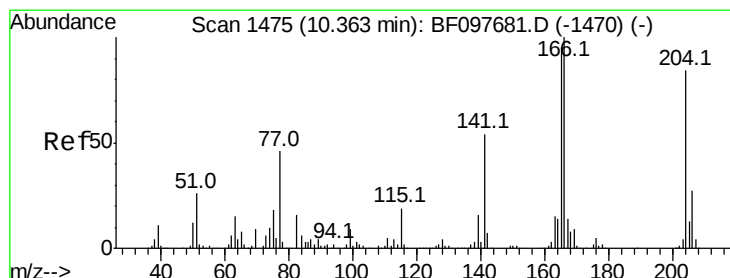
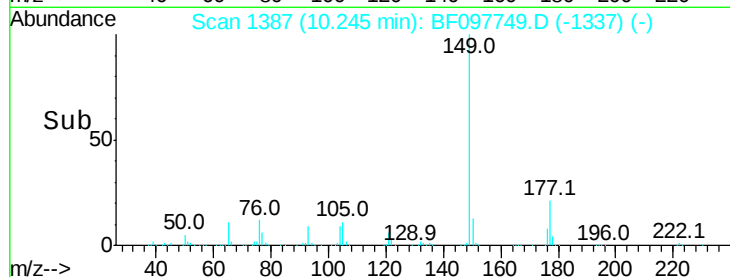
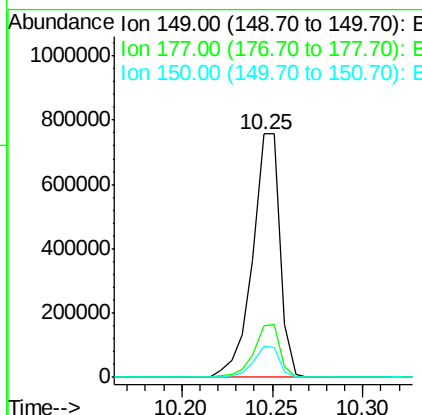
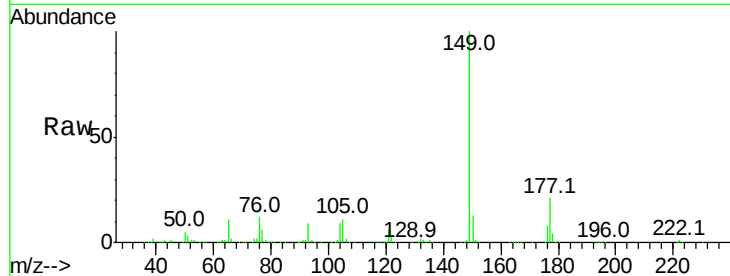
#59
Diethylphthalate
Concen: 44.515 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.9	10.2	15.2

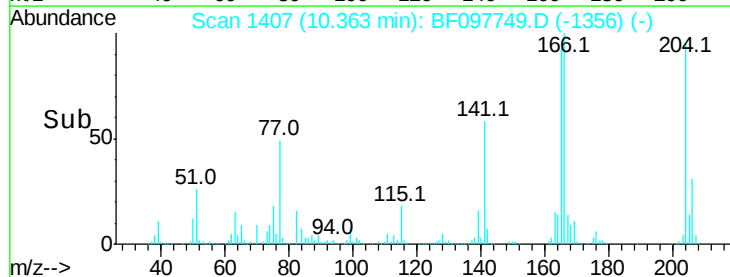
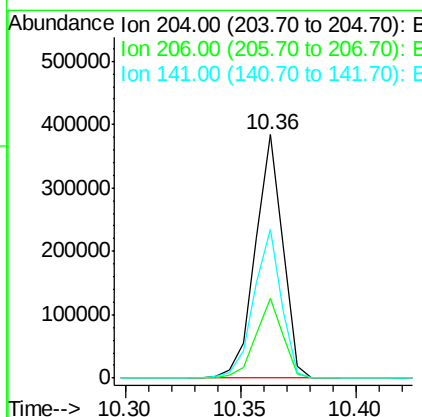
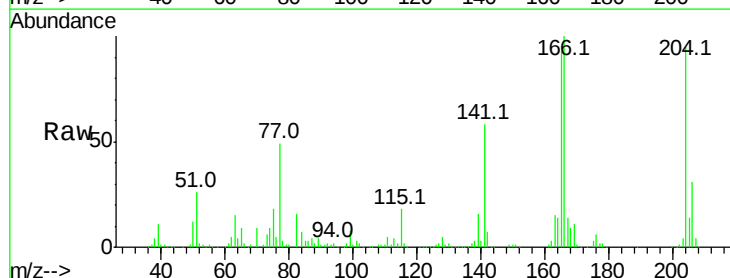
Manual Integrations
APPROVED

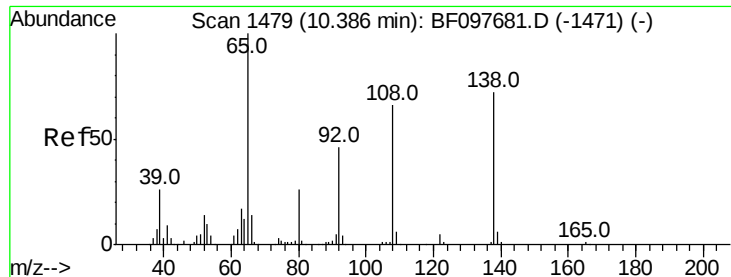
Sohil
8/17/2017 5:57:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.463 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	61.0	60.8	91.2





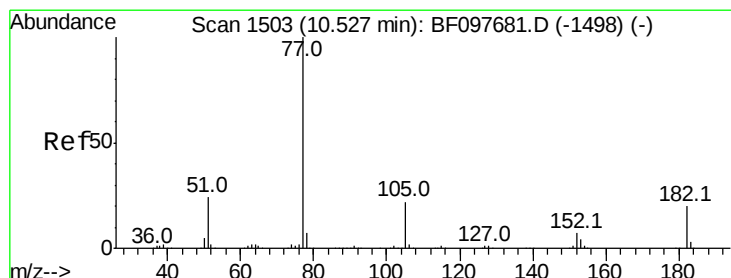
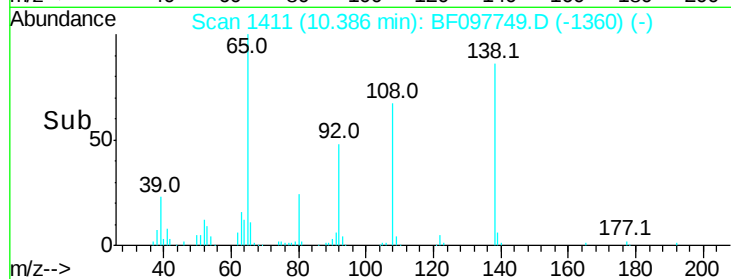
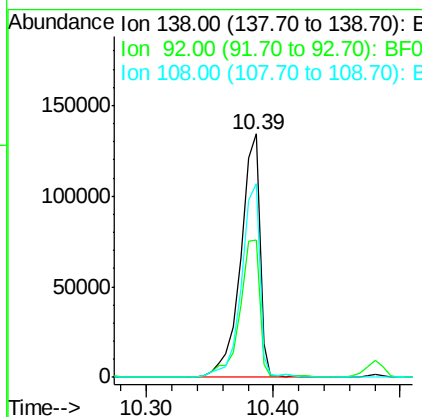
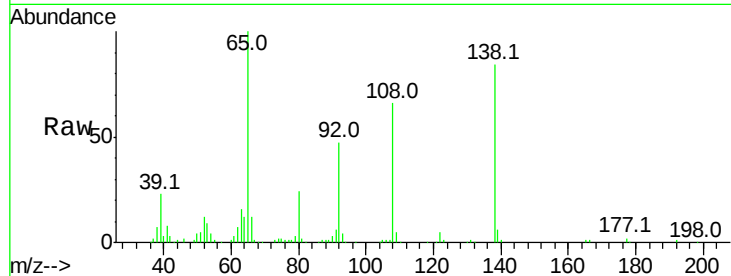
#61
4-Nitroaniline
Concen: 33.450 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.4	21.8	61.8
108	79.6	42.3	82.3

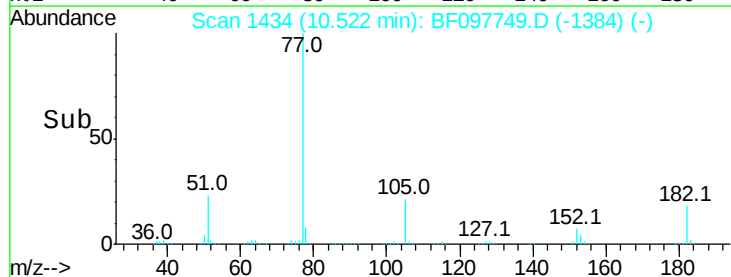
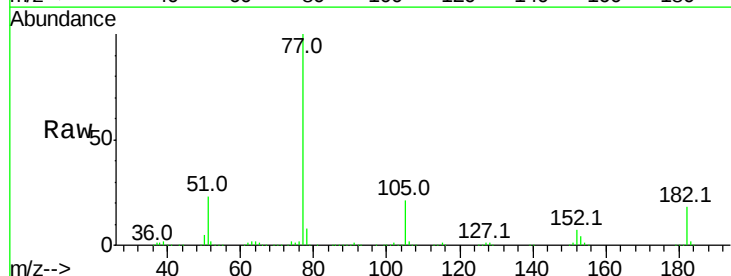
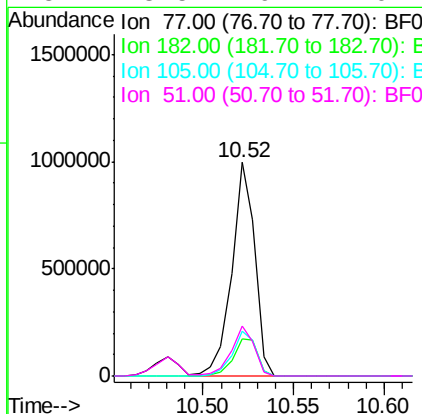
Manual Integrations
APPROVED

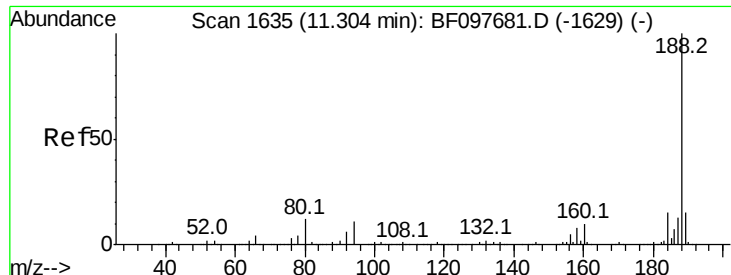
Sohil
8/17/2017 5:57:49 PM



#62
Azobenzene
Concen: 41.275 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.6	0.1	40.1
105	21.2	3.6	43.6
51	23.5	9.4	49.4





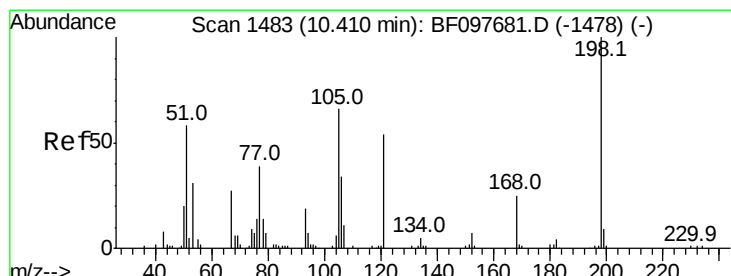
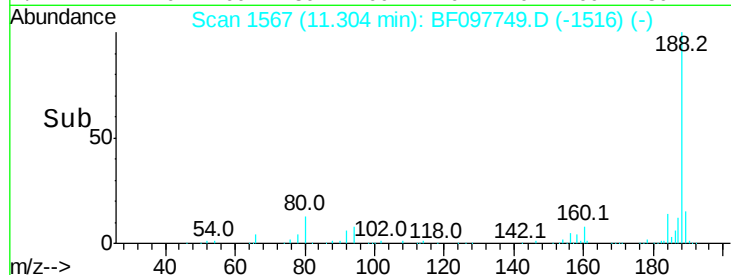
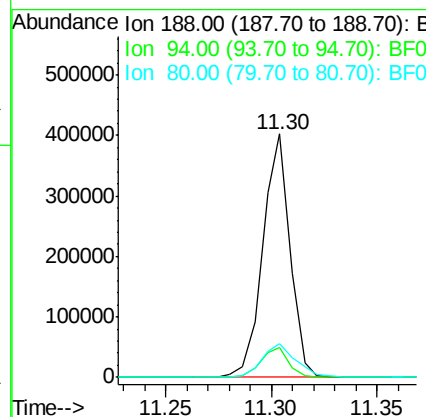
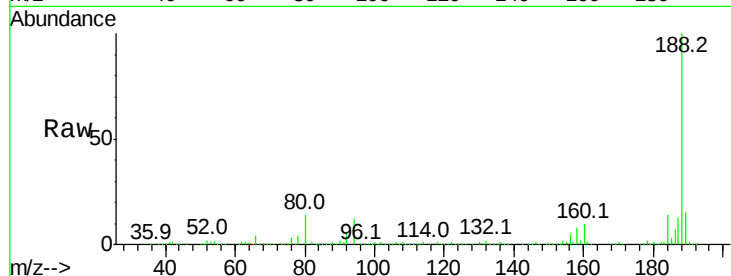
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampled :
PB101564BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.0	9.4	14.2
80	13.7	10.2	15.2

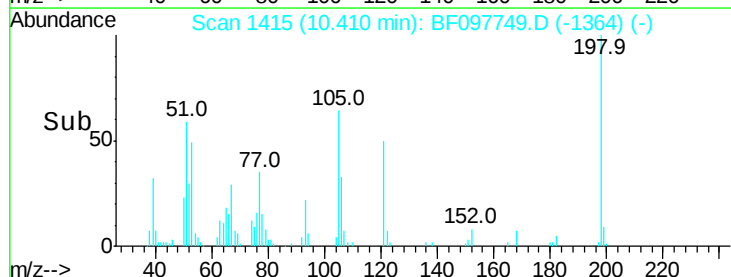
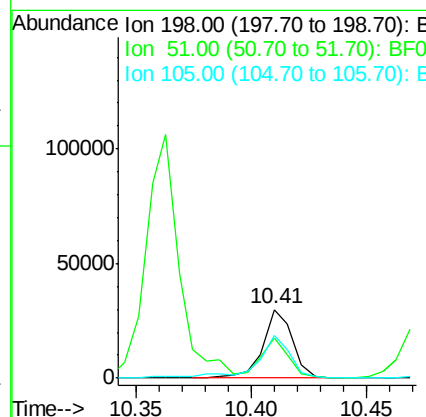
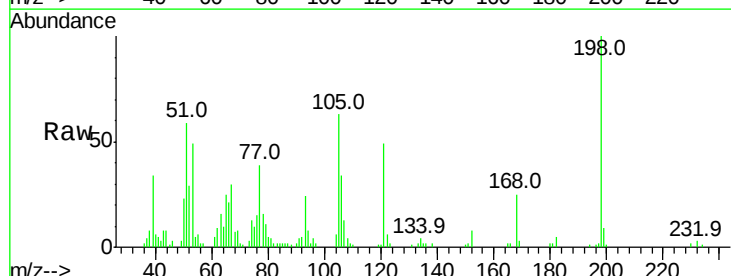
Manual Integrations
APPROVED

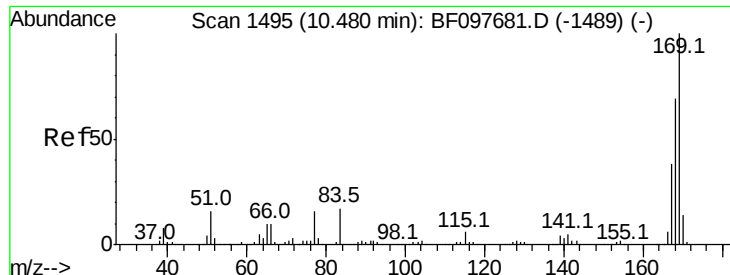
Sohil
8/17/2017 5:57:49 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 21.256 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	59.5	53.2	93.2
105	63.0	45.8	85.8





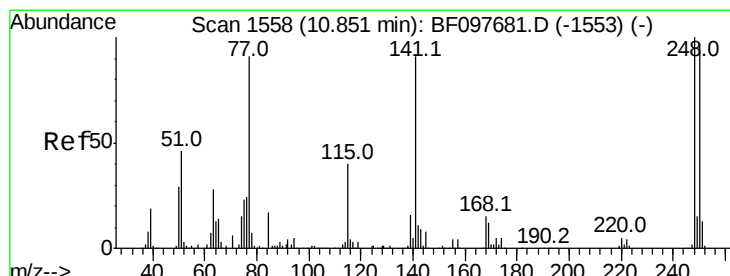
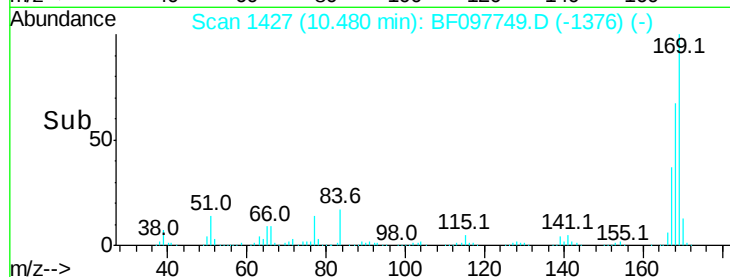
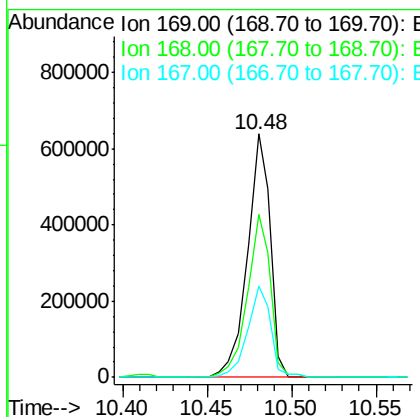
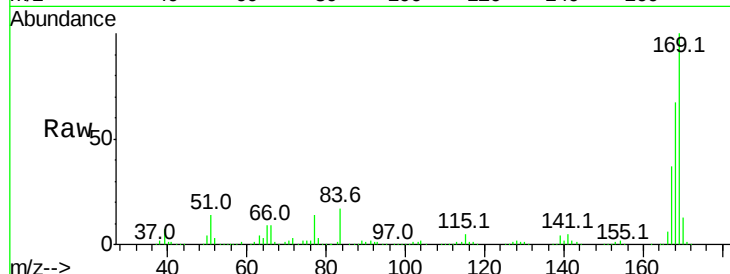
#65
n-Nitrosodiphenylamine
Concen: 49.596 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	606452		
168	66.7	53.2	79.8	
167	37.4	29.5	44.3	

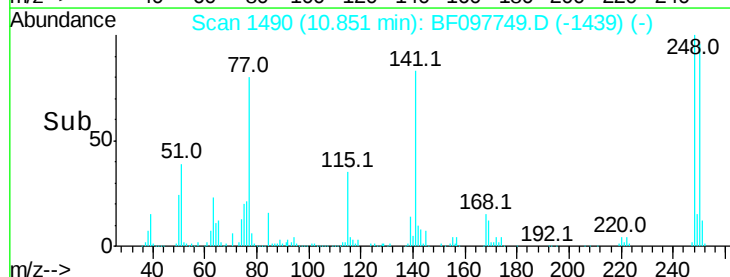
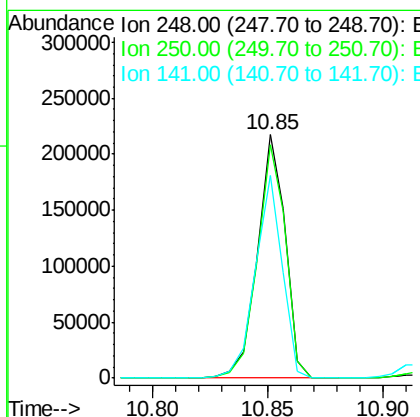
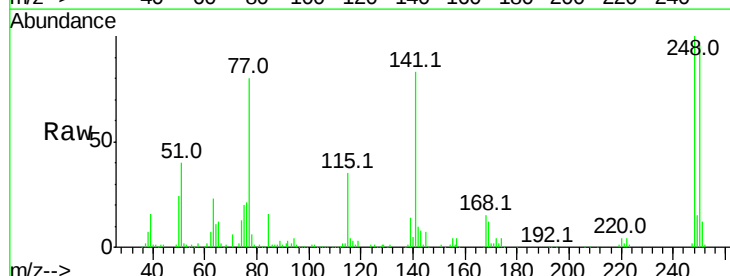
Manual Integrations
APPROVED

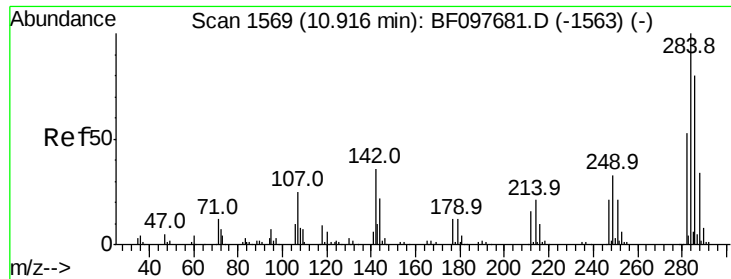
Sohil
8/17/2017 5:57:49 PM



#66
4-Bromophenyl-phenylether
Concen: 48.979 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	182635		
250	95.8	76.8	115.2	
141	83.1	68.6	103.0	





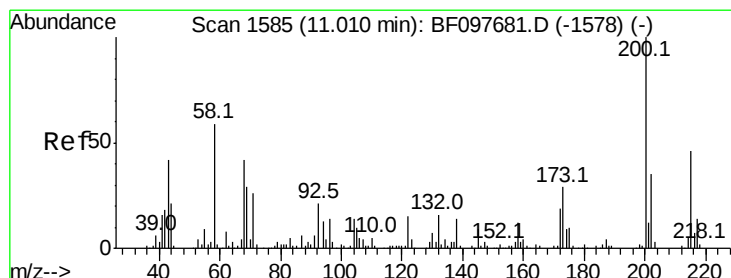
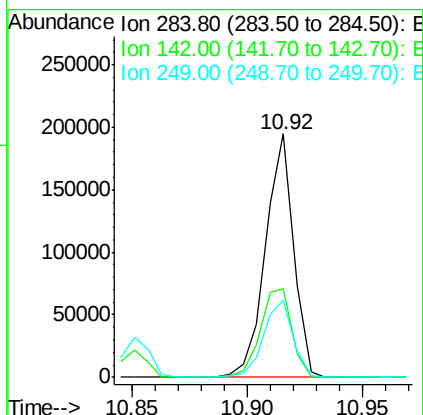
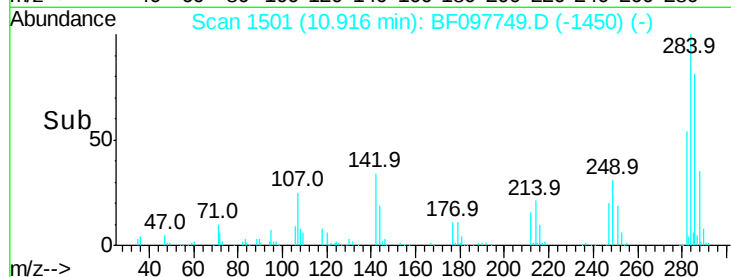
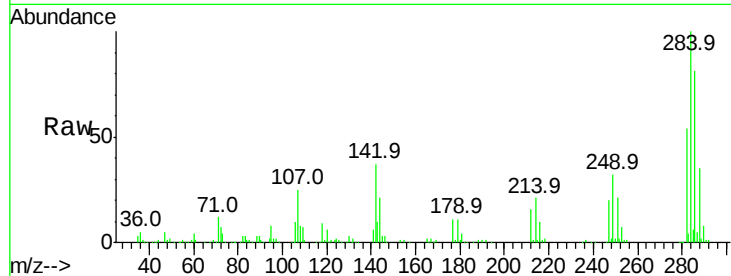
#67
Hexachlorobenzene
Concen: 43.435 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.6	22.8	34.2	
249	31.9	24.0	36.0	

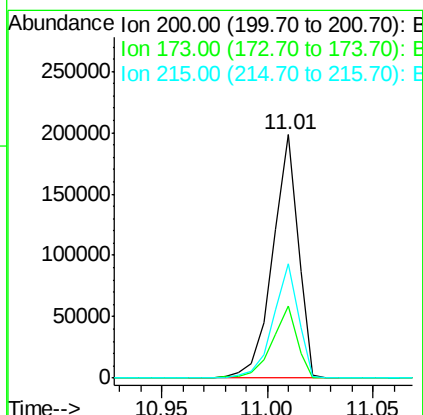
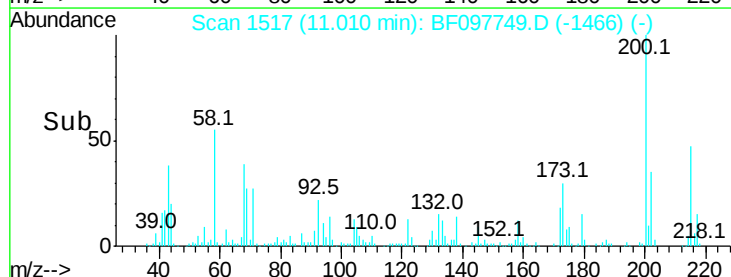
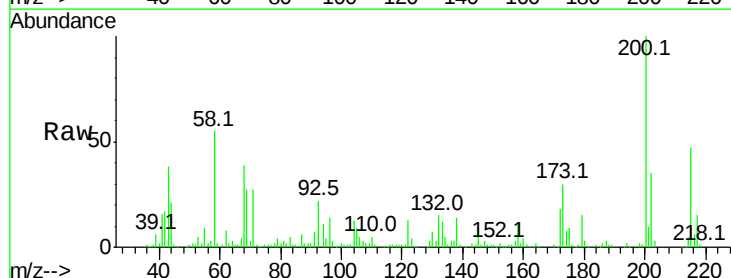
Manual Integrations
APPROVED

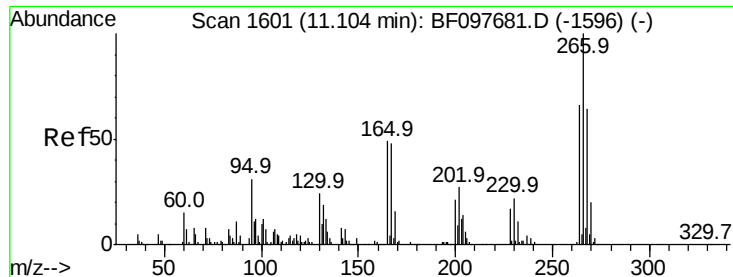
Sohil
8/17/2017 5:57:49 PM



#68
Atrazine
Concen: 51.606 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.7	6.3	46.3	
215	47.1	27.2	67.2	





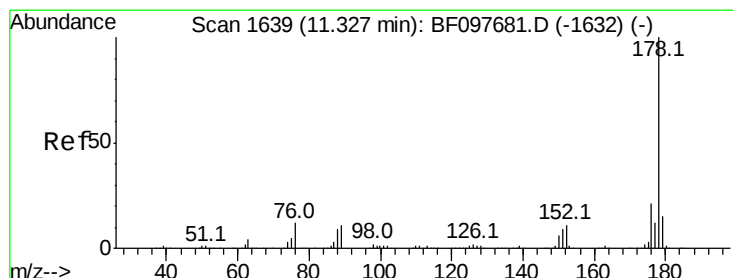
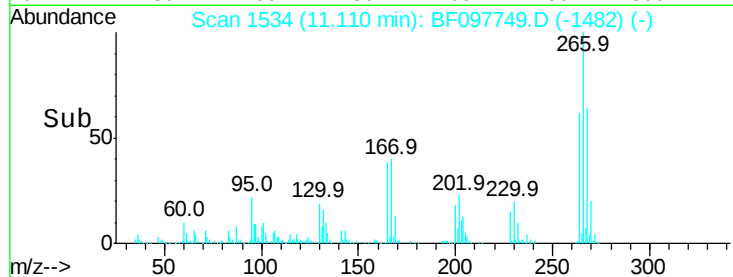
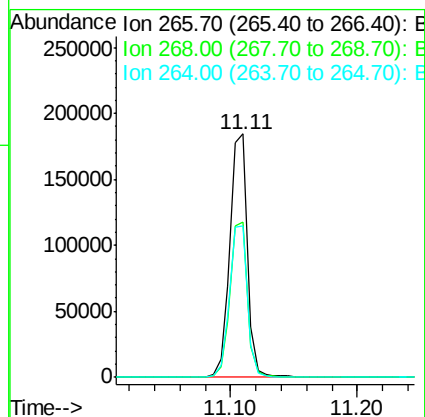
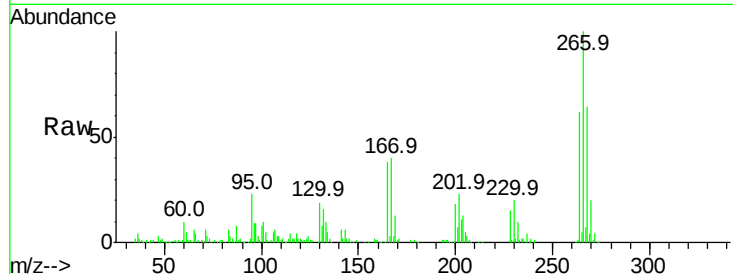
#69
 Pentachlorophenol
 Concen: 79.737 ng
 RT: 11.11 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion:	266	Resp:	176699
Ion Ratio		Lower	Upper
266	100		
268	63.5	51.1	76.7
264	62.3	51.7	77.5

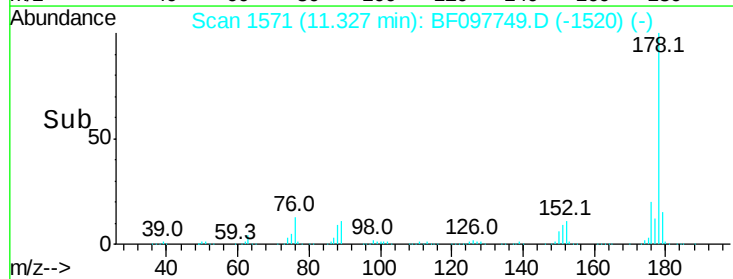
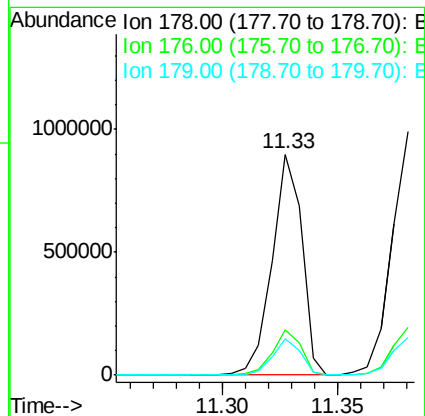
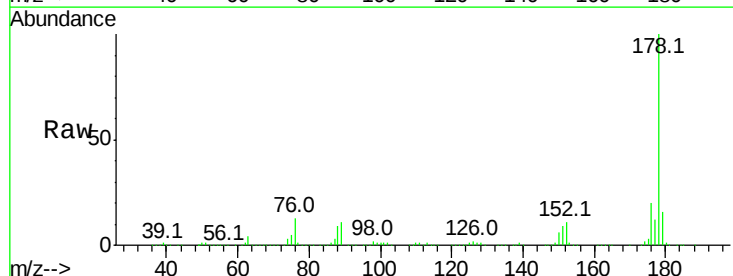
Manual Integrations
 APPROVED

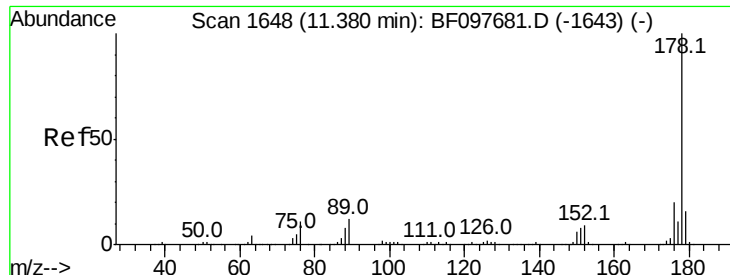
Sohil
 8/17/2017 5:57:49 PM



#70
 Phenanthrene
 Concen: 42.115 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion:	178	Resp:	805847
Ion Ratio		Lower	Upper
178	100		
176	20.2	16.2	24.4
179	16.1	12.6	19.0





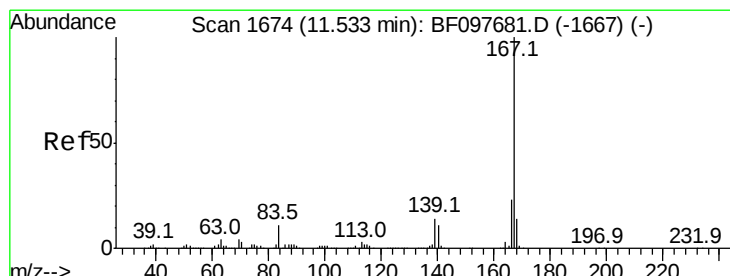
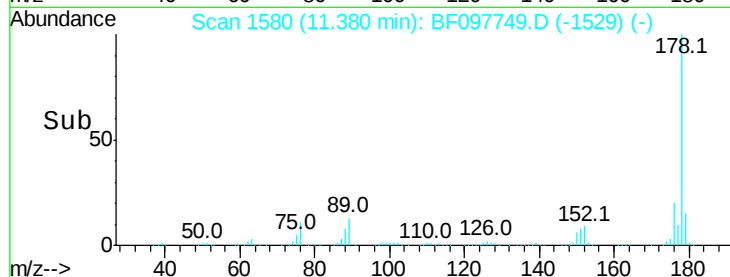
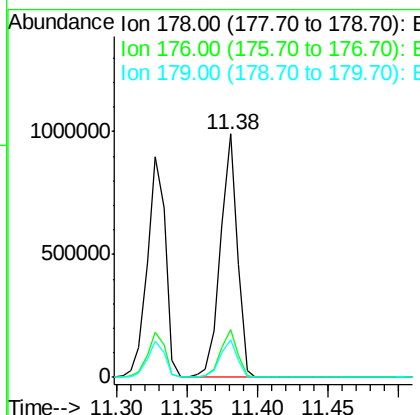
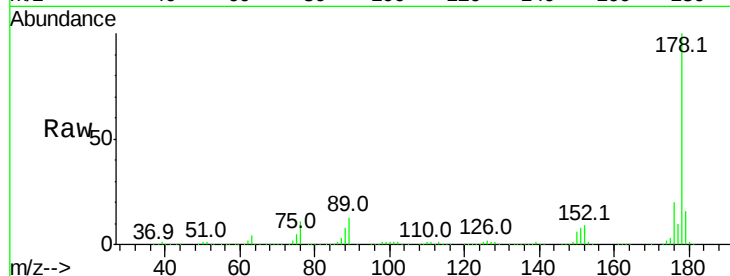
#71
 Anthracene
 Concen: 42.438 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1

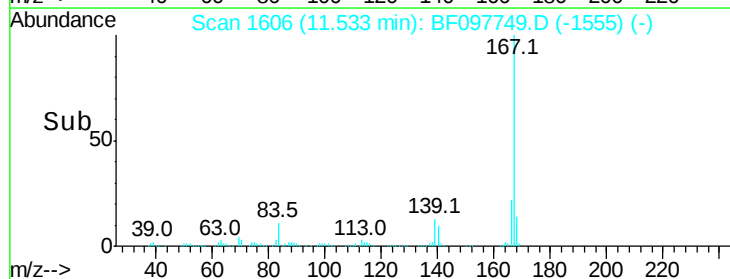
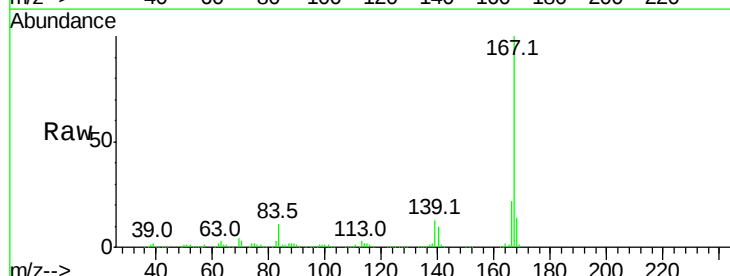
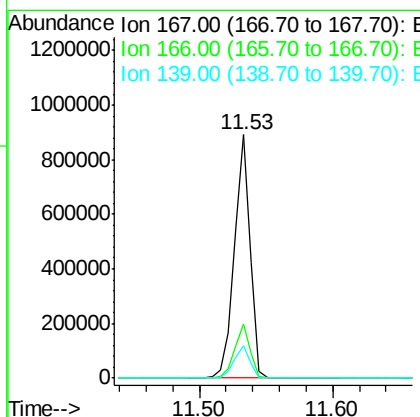
Manual Integrations
 APPROVED

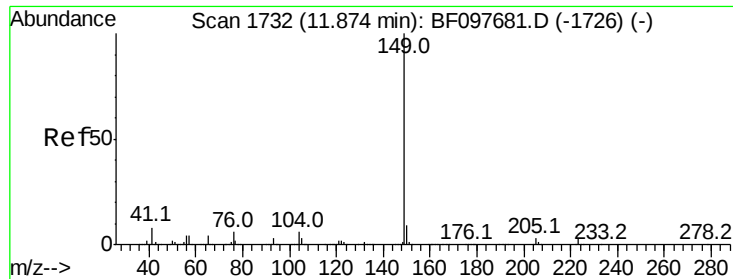
Sohil
 8/17/2017 5:57:49 PM



#72
 Carbazole
 Concen: 40.205 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.4	11.7	17.5





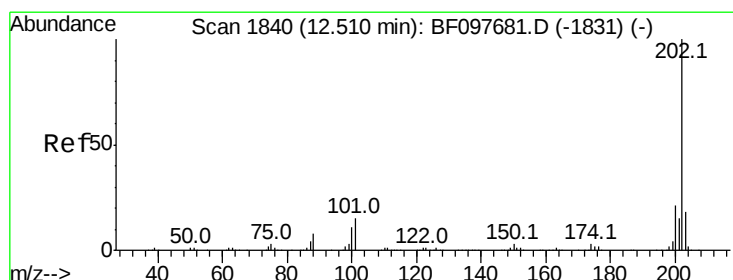
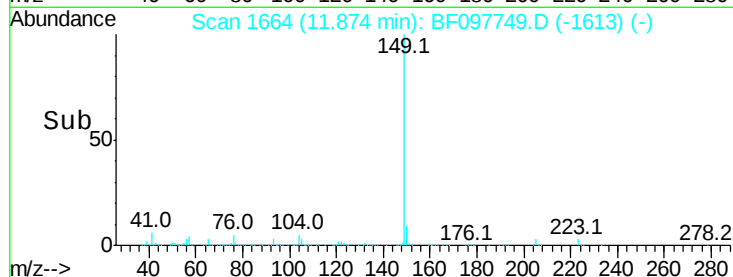
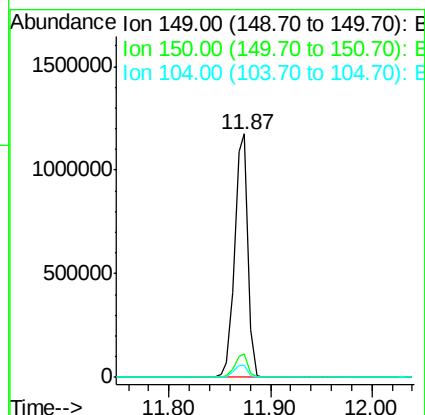
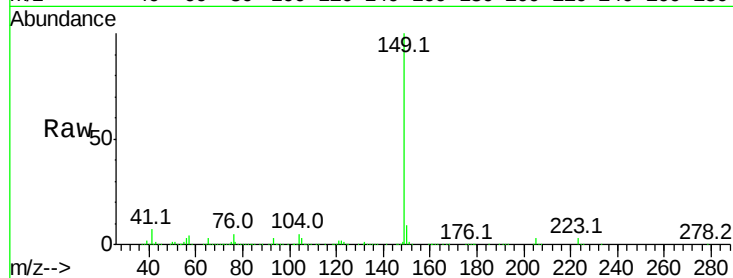
#73
Di-n-butylphthalate
Concen: 50.024 ng
RT: 11.87 min Scan# 1664
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.0	4.0	6.0

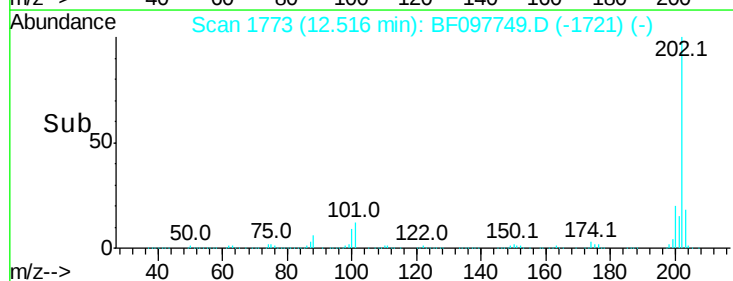
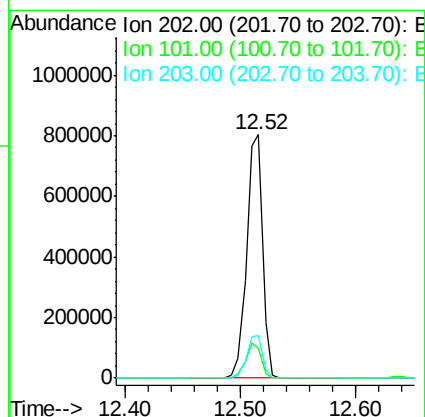
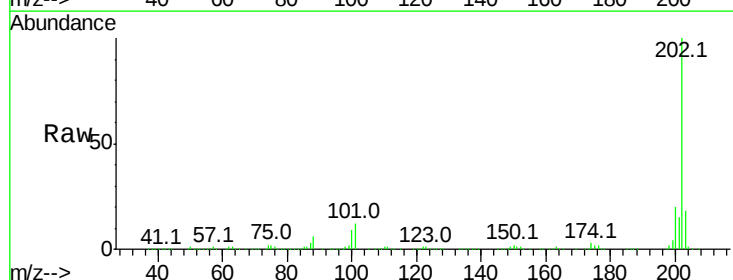
Manual Integrations
APPROVED

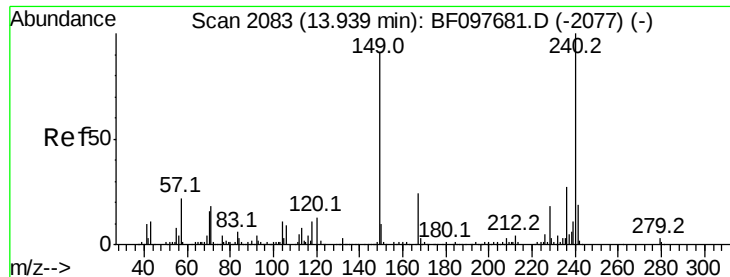
Sohil
8/17/2017 5:57:49 PM



#74
Fluoranthene
Concen: 38.324 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.7	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: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

PB101564BS

Tot Ion:240 Resp: 268712

Ion Ratio Lower Upper

240 100

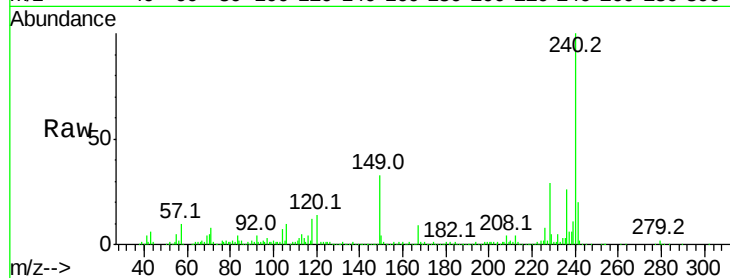
120 14.3 5.8 8.8#

236 26.0 20.5 30.7

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Sohil

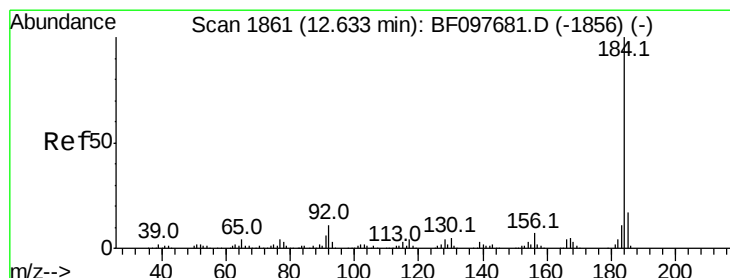
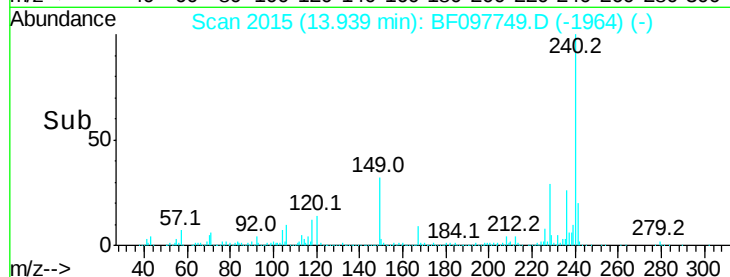
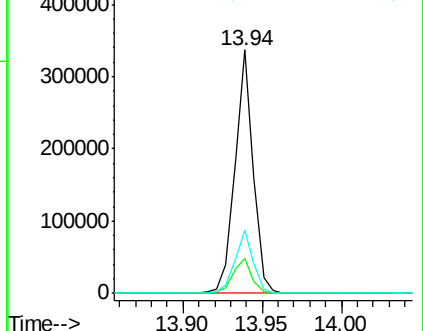
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 53.967 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

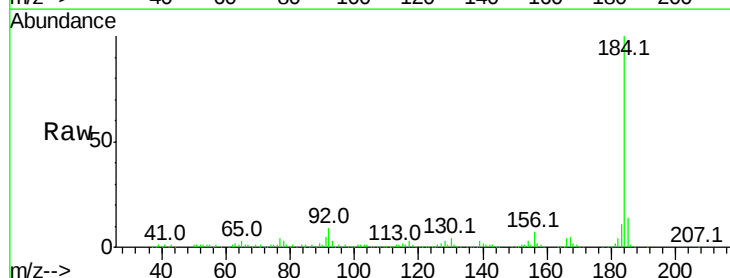
Tgt Ion:184 Resp: 475470

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

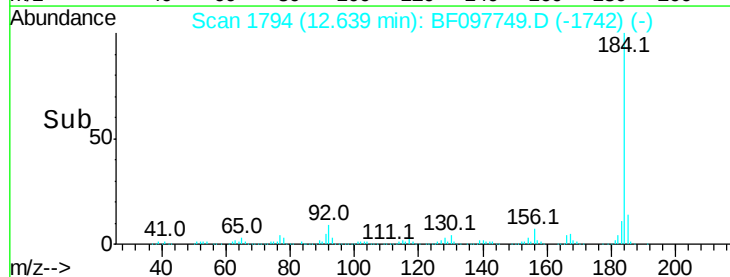
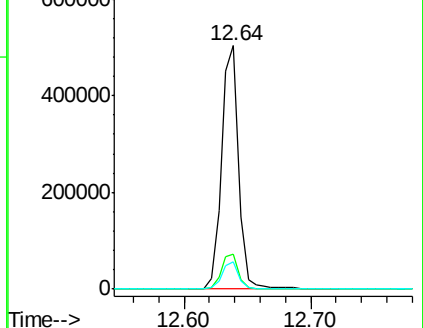
183 11.2 9.8 14.6

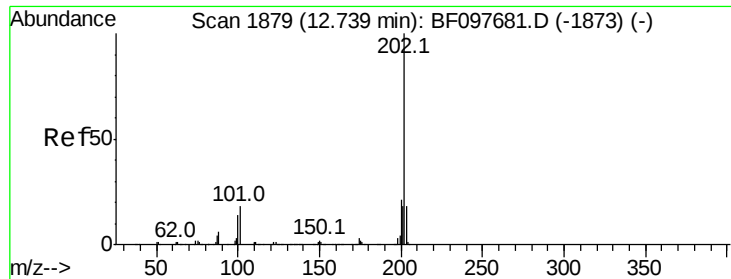


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





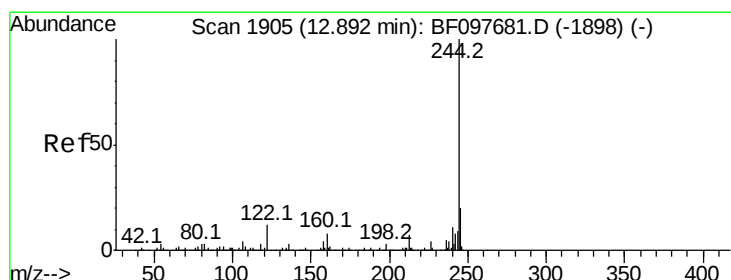
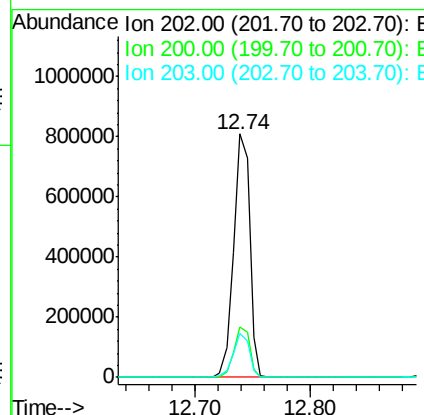
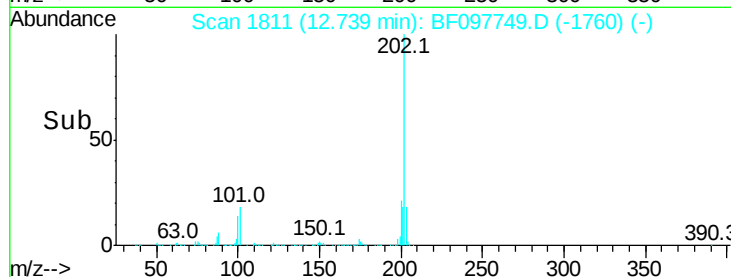
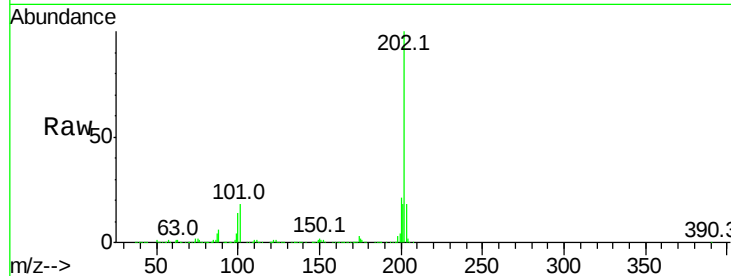
#77
Pvrene
Concen: 35.538 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.6	26.4
203	17.9	14.4	21.6

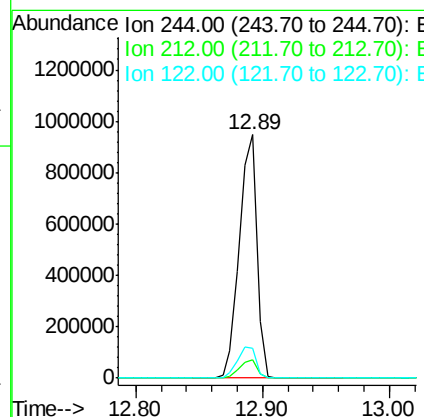
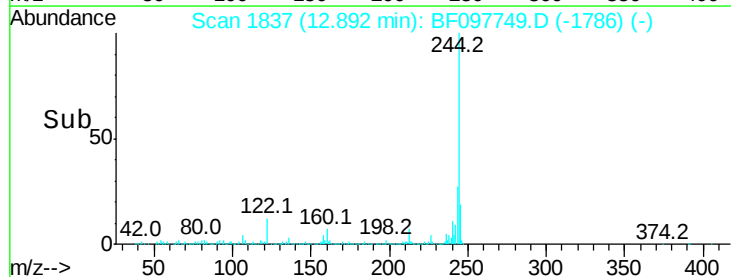
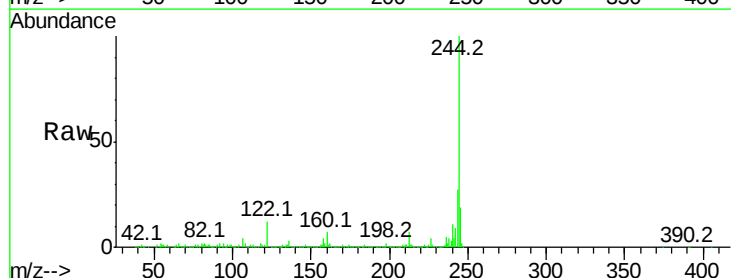
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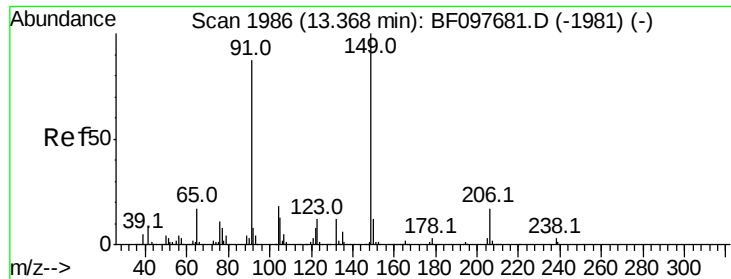
Sohil
8/17/2017 5:57:49 PM



#78
Terphenyl-d14
Concen: 69.986 ng
RT: 12.89 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.4	10.3	15.5





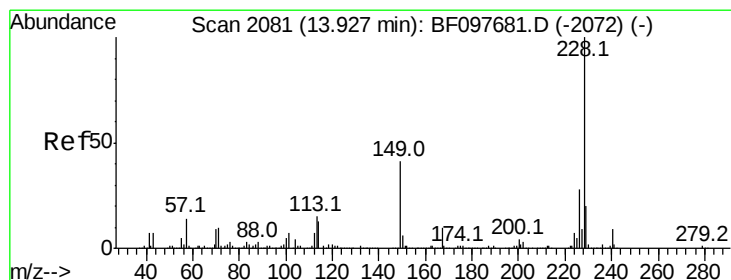
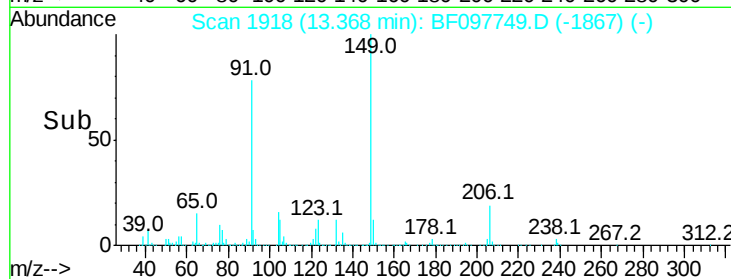
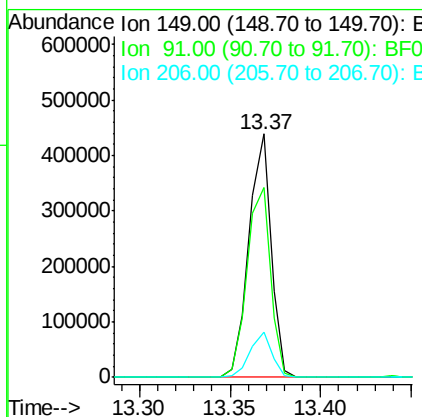
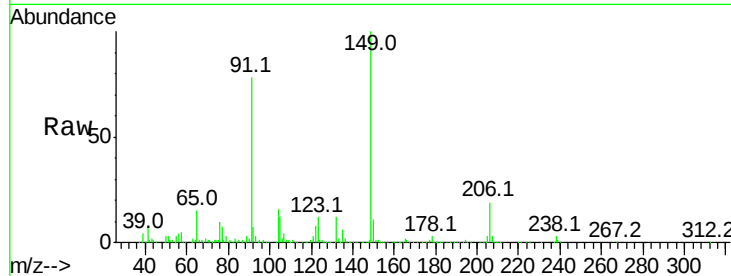
#79
Butylbenzylphthalate
Concen: 44.314 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.0	45.0	67.4#
206	18.7	17.0	25.6

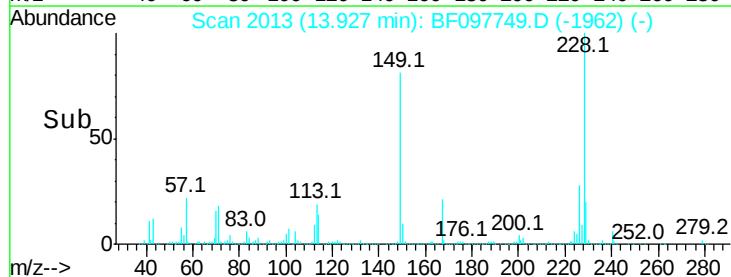
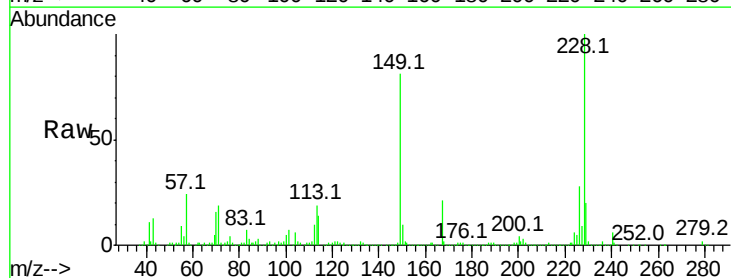
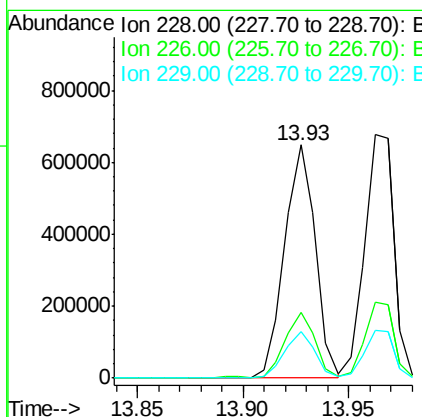
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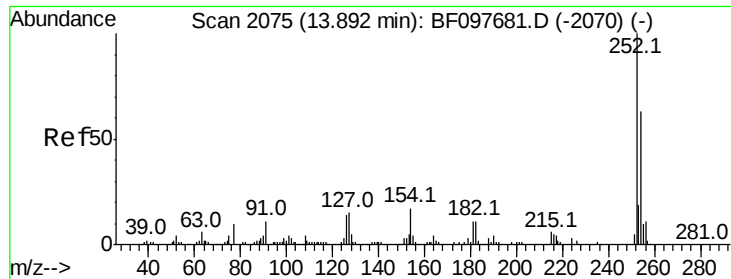
Sohil
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#80
Benzo(a)anthracene
Concen: 40.870 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.8	16.3	24.5





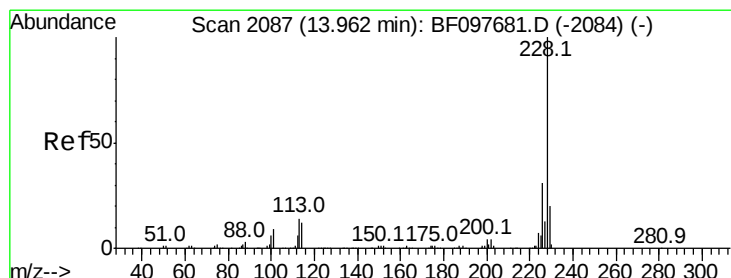
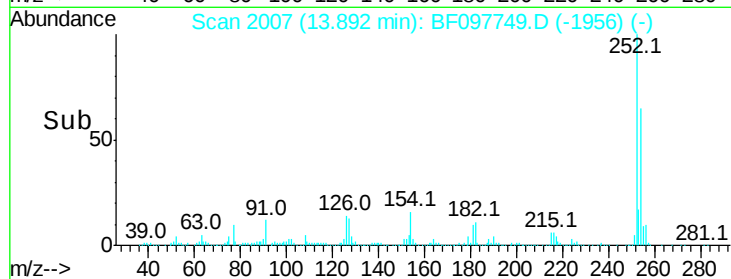
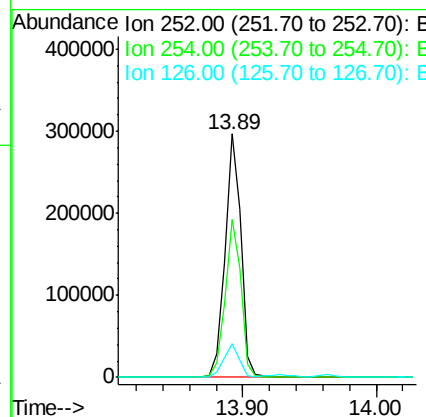
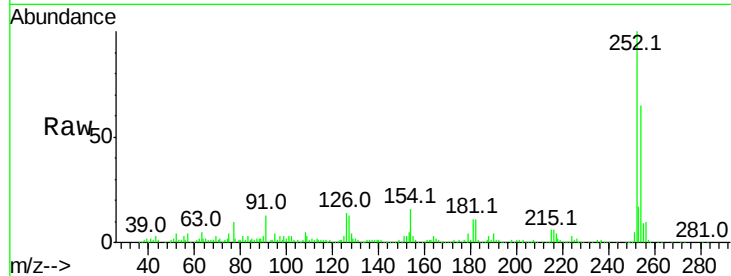
#81
 3,3'-Dichlorobenzidine
 Concen: 45.960 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	249769		
254	64.9	51.5	77.3	
126	14.0	15.8	23.8	

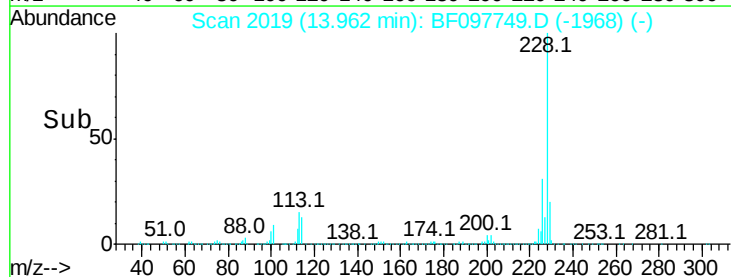
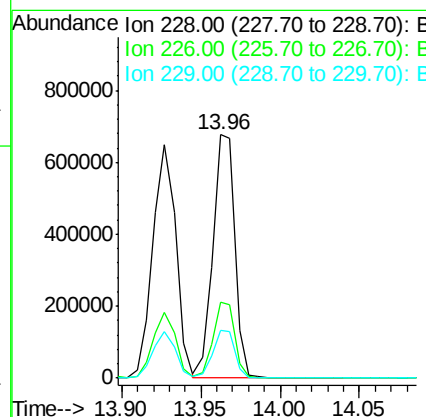
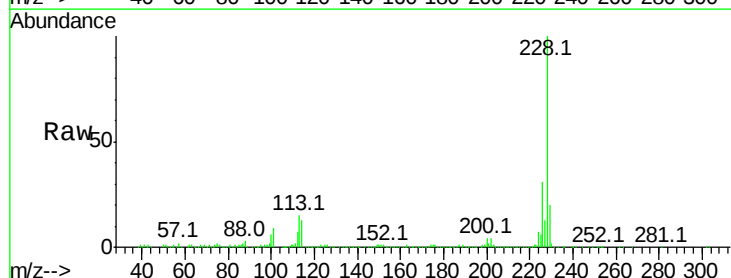
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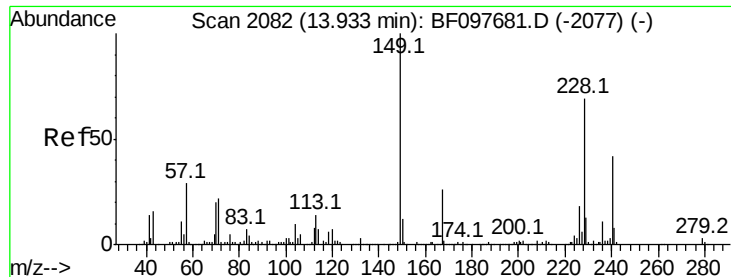
Sohil
 8/17/2017 5:57:49 PM



#82
 Chrysene
 Concen: 40.947 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	655995		
226	31.3	24.9	37.3	
229	19.8	15.8	23.6	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.849 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Instrument :

BNA_F

ClientSampleId :

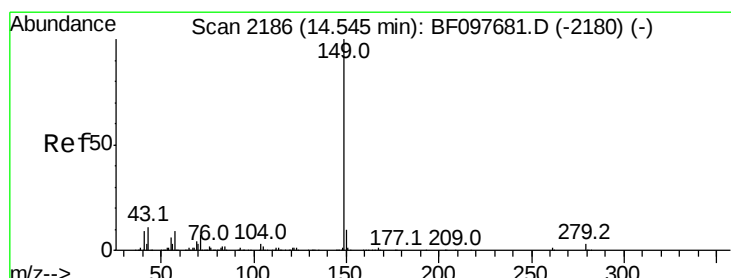
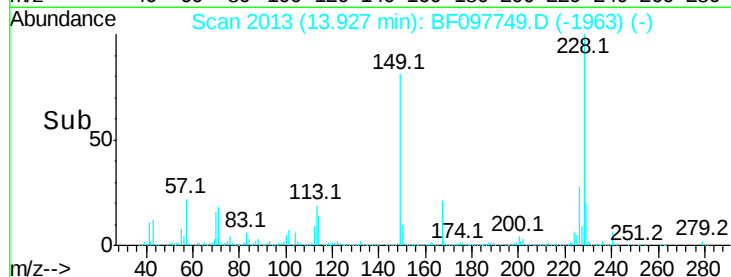
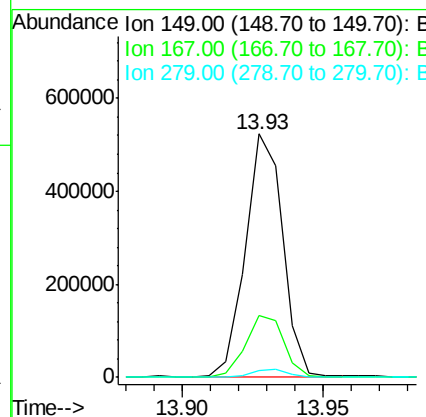
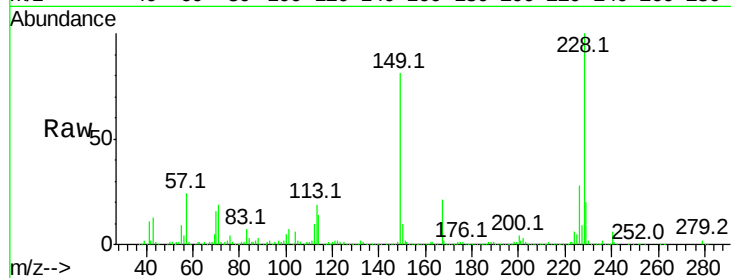
PB101564BS

Tot Ion:149 Resp: 474790
Ion Ratio Lower Upper

149	100		
167	25.6	21.0	31.4
279	2.9	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 56.521 ng

RT: 14.54 min Scan# 2117

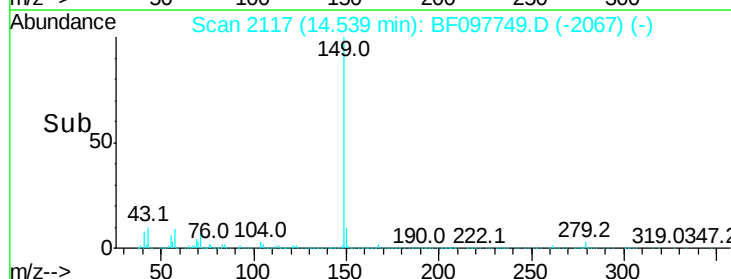
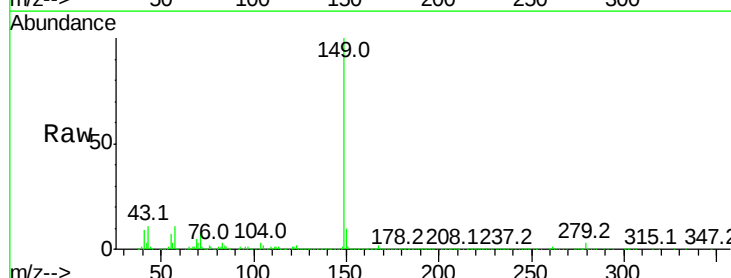
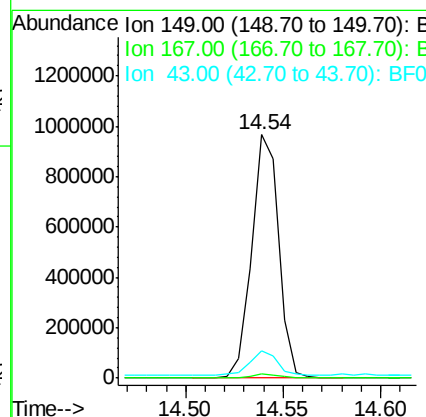
Delta R.T. -0.01 min

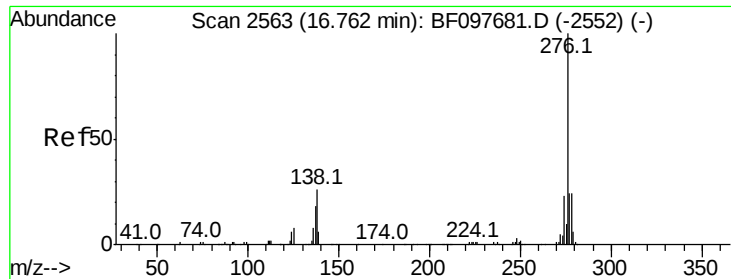
Lab File: BF097749.D

Acq: 16 Aug 2017 20:04

Tgt Ion:149 Resp: 918268
Ion Ratio Lower Upper

149	100		
167	1.6	1.2	1.8
43	10.3	8.5	12.7





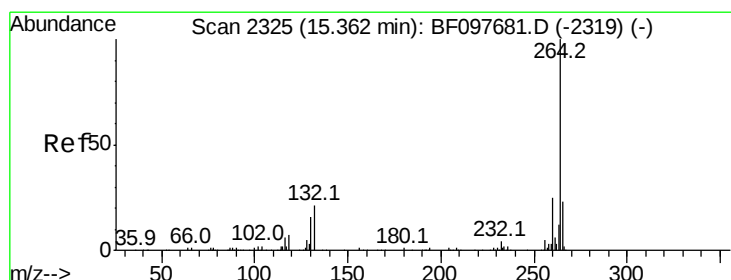
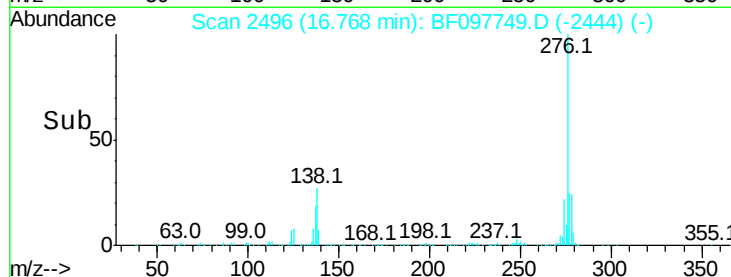
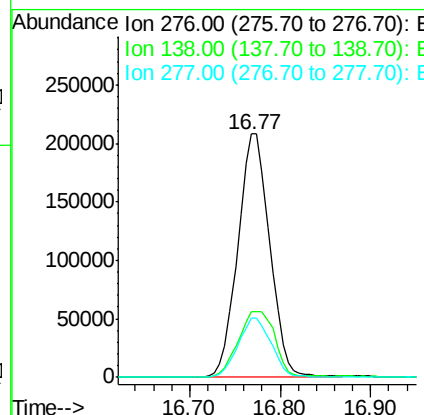
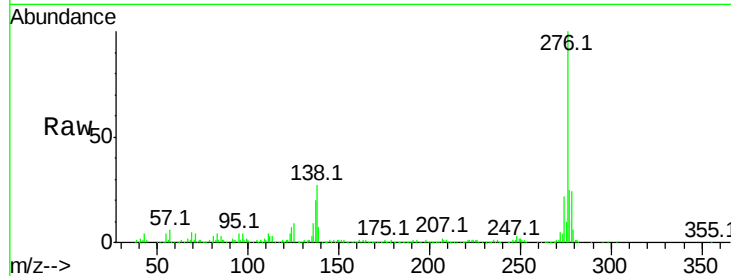
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.360 ng
RT: 16.77 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	511012		
138	30.8		27.8	41.6
277	24.9		20.2	30.4

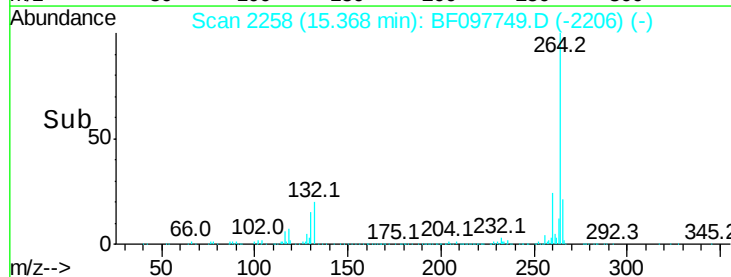
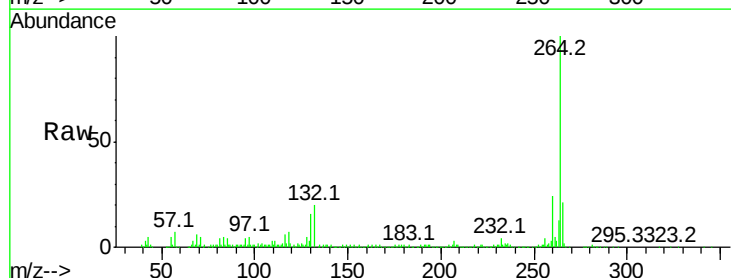
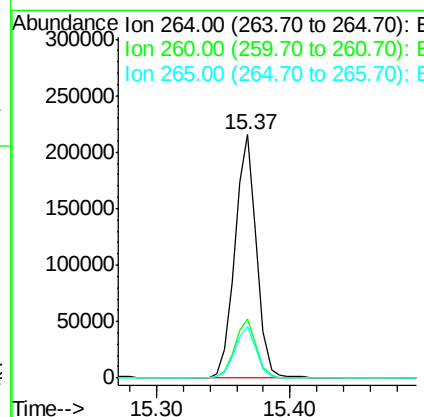
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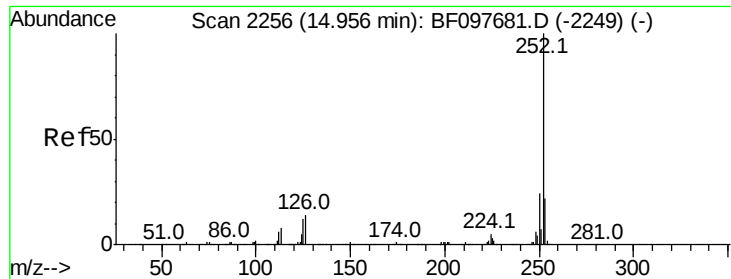
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	244231		
260	24.4		19.5	29.3
265	20.9		17.2	25.8





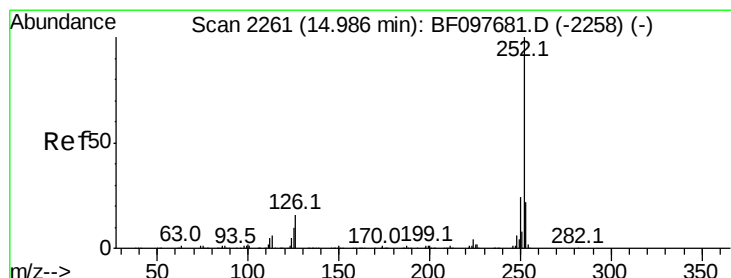
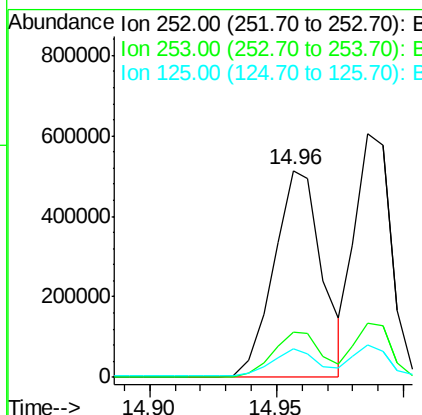
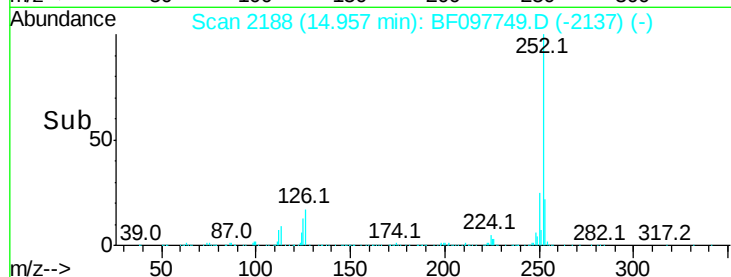
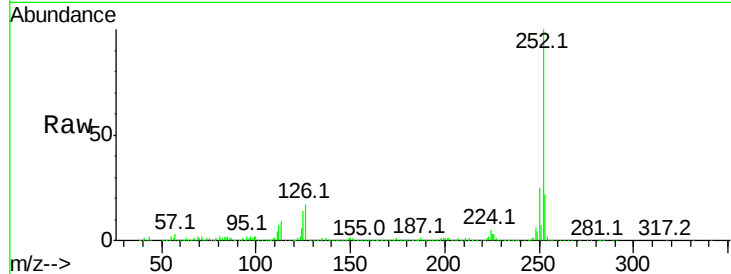
#87
Benzo(b)fluoranthene
Concen: 44.331 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.6	9.8	14.8

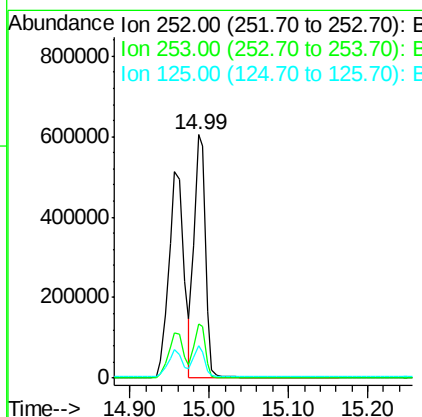
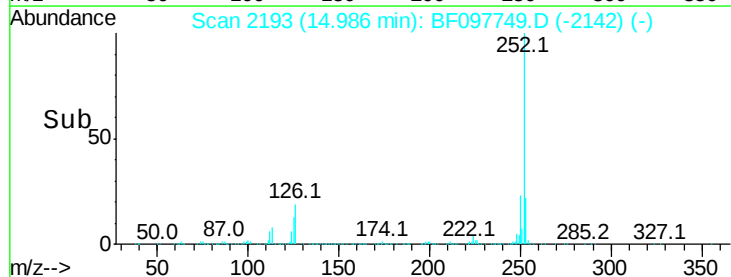
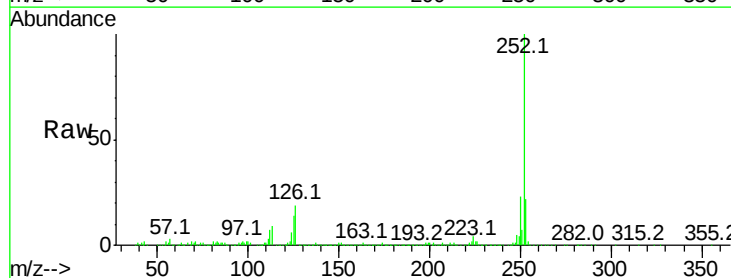
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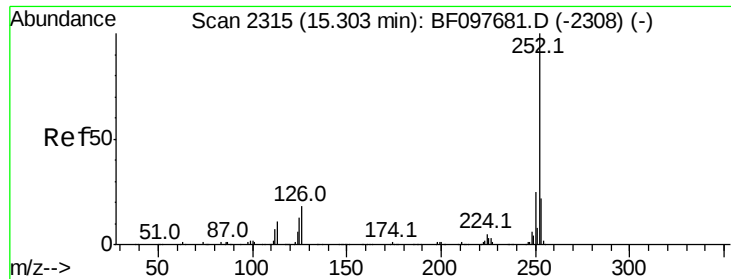
Sohil
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#88
Benzo(k)fluoranthene
Concen: 42.255 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.5	13.1	19.7





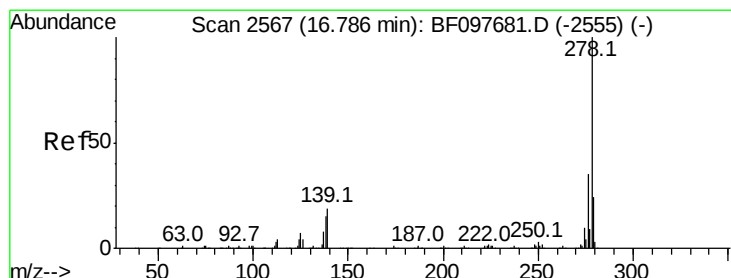
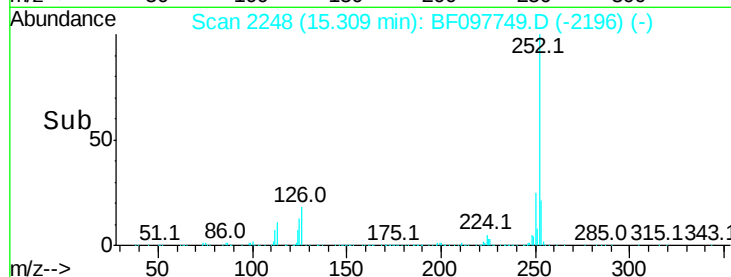
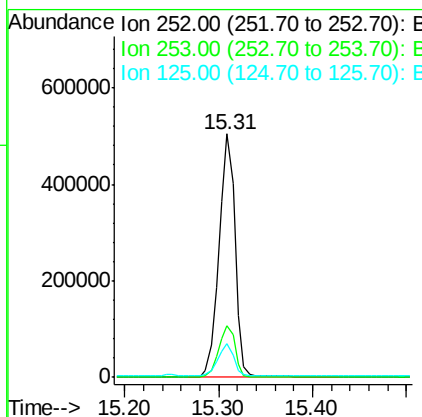
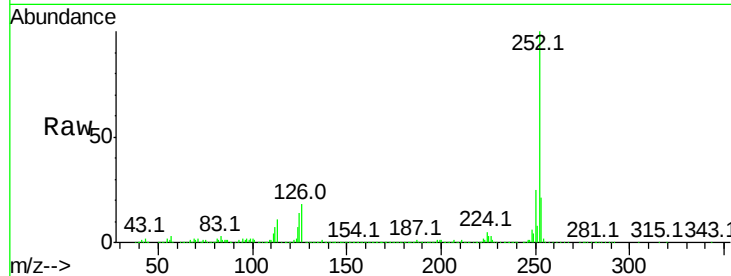
#89
Benzo(a)pyrene
Concen: 44.462 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Instrument :
BNA_F
ClientSampleId :
PB101564BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.5	26.3
125	13.8	11.0	16.4

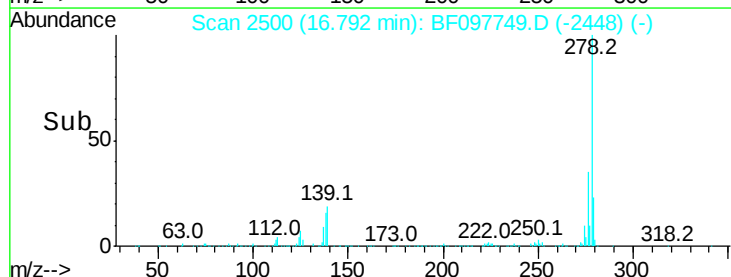
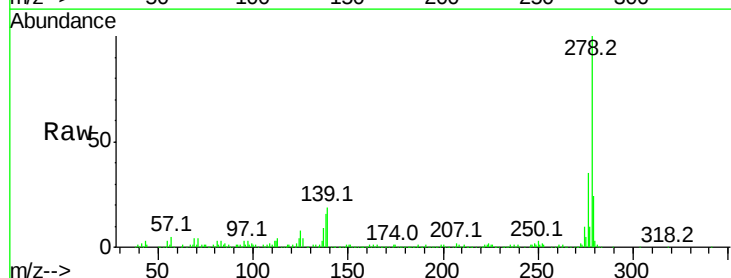
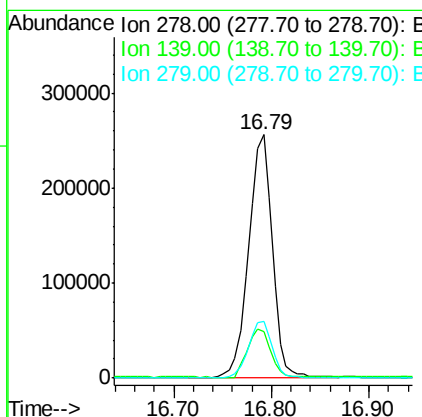
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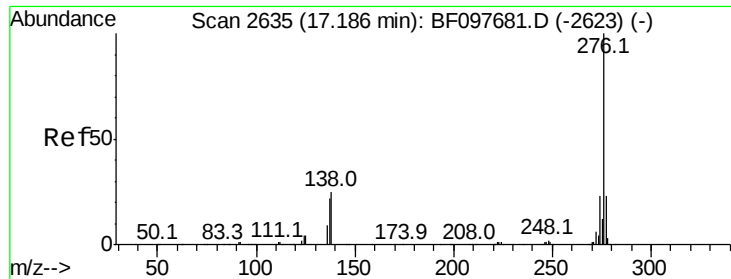
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 39.426 ng
RT: 16.79 min Scan# 2500
Delta R.T. 0.01 min
Lab File: BF097749.D
Acq: 16 Aug 2017 20:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 34.995 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.01 min
 Lab File: BF097749.D
 Acq: 16 Aug 2017 20:04

Instrument :
 BNA_F
 ClientSampleId :
 PB101564BS

Tot Ion	Ion	Ratio	Lower	Upper
405137	276	100		
	277	23.1	18.6	28.0
	138	26.0	25.4	38.0

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 8/17/2017 5:57:49 PM

