

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097787.D
 Acq On : 17 Aug 2017 15:44
 Operator : SJ/JU
 Sample : PB101441BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:03:32 PM

Quant Time: Aug 18 11:39:43 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	6.77	152	184871	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	731507	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	320331	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	599878	20.00	ng	0.00
75) Chrysene-d12	13.93	240	442580	20.00	ng	0.00
86) Perylene-d12	15.36	264	338455	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1485583	122.23	ng	0.02
7) Phenol-d6	6.42	99	1990795	120.55	ng	0.01
23) Nitrobenzene-d5	7.35	82	1225415	91.00	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	387421	139.39	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1798447	82.49	ng	0.00
78) Terphenyl-d14	12.89	244	1500872	70.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	242317	35.750	ng	88
3) Pyridine	3.32	79	698110	37.256	ng	# 84
4) n-Nitrosodimethylamine	3.28	42	263380	36.530	ng	# 77
6) Aniline	6.45	93	618450	26.659	ng	96
8) 2-Chlorophenol	6.57	128	511103	39.875	ng	98
9) Benzaldehyde	6.32	77	244075	23.334	ng	87
10) Phenol	6.43	94	729922	37.793	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	564806	38.746	ng	95
12) 1,3-Dichlorobenzene	6.72	146	519573m	37.685	ng	
13) 1,4-Dichlorobenzene	6.79	146	520423	37.114	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	483413	37.388	ng	98
15) Benzyl Alcohol	6.92	79	502429	40.638	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	750634	38.272	ng	91
17) 2-Methylphenol	7.03	107	469223	41.541	ng	97
18) Hexachloroethane	7.29	117	211309	38.437	ng	# 81
19) n-Nitroso-di-n-propylamine	7.20	70	418477	37.018	ng	90
20) 3+4-Methylphenols	7.19	107	543885	39.423	ng	98
22) Acetophenone	7.19	105	748413	38.728	ng	# 89
24) Nitrobenzene	7.36	77	634458	42.317	ng	94
25) Isophorone	7.60	82	1158044	41.359	ng	97
26) 2-Nitrophenol	7.67	139	256408	47.292	ng	# 80
27) 2,4-Dimethylphenol	7.72	122	472515	40.464	ng	94
28) bis(2-Chloroethoxy)methane	7.82	93	725728	39.425	ng	99
29) 2,4-Dichlorophenol	7.92	162	402699	41.544	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	414225	38.548	ng	99
31) Naphthalene	8.08	128	1463438	38.536	ng	100
32) Benzoic acid	7.86	122	306603	37.633	ng	88
33) 4-Chloroaniline	8.13	127	303027	18.920	ng	99
34) Hexachlorobutadiene	8.20	225	241096	38.427	ng	98
35) Caprolactam	8.51	113	155878m	47.302	ng	
36) 4-Chloro-3-methylphenol	8.62	107	483013	38.783	ng	# 82
37) 2-Methylnaphthalene	8.77	142	938475	40.307	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	373699	38.013	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	486568	103.024	ng	98

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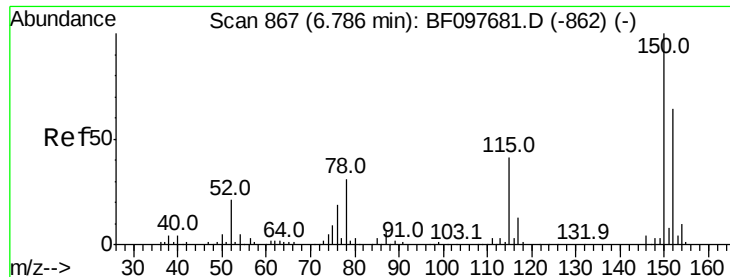
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	275482	41.739	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	276075	42.163	nq	98
45) 1,1'-Biphenyl	9.24	154	1100622	37.678	nq	97
46) 2-Chloronaphthalene	9.26	162	807220	37.400	nq #	91
47) 2-Nitroaniline	9.36	65	313081	43.269	nq	95
48) Acenaphthylene	9.68	152	1320436	38.958	nq	99
49) Dimethylphthalate	9.55	163	948353	40.501	nq	99
50) 2,6-Dinitrotoluene	9.60	165	205712	44.013	nq #	69
51) Acenaphthene	9.85	154	803086	37.569	nq	99
52) 3-Nitroaniline	9.77	138	148756	24.668	nq	89
53) 2,4-Dinitrophenol	9.87	184	188721	84.264	nq #	78
54) Dibenzofuran	10.02	168	1166709	40.724	nq	100
55) 4-Nitrophenol	9.94	139	379030	78.794	nq #	48
56) 2,4-Dinitrotoluene	10.01	165	275158	46.911	nq #	71
57) Fluorene	10.36	166	856111	38.651	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.14	232	229727	45.315	nq	93
59) Diethylphthalate	10.25	149	947735	38.705	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	398497	38.726	nq	88
61) 4-Nitroaniline	10.39	138	232470	40.561	nq	76
62) Azobenzene	10.52	77	1126956	38.746	nq	93
64) 4,6-Dinitro-2-methylphenol	10.42	198	125705	45.081	nq #	70
65) n-Nitrosodiphenylamine	10.48	169	789184	38.633	nq	98
66) 4-Bromophenyl-phenylether	10.85	248	248418	39.879	nq	98
67) Hexachlorobenzene	10.91	284	250347	39.429	nq #	91
68) Atrazine	11.01	200	237832	43.901	nq	98
69) Pentachlorophenol	11.10	266	286785	77.467	nq	98
70) Phenanthrene	11.33	178	1239632	38.780	nq	99
71) Anthracene	11.37	178	1270714	39.193	nq	100
72) Carbazole	11.53	167	1208785	39.278	nq	99
73) Di-n-butylphthalate	11.87	149	1420093	40.060	nq	99
74) Fluoranthene	12.51	202	1291446	38.707	nq	99
76) Benzidine	12.63	184	489047m	33.701	nq	
77) Pyrene	12.74	202	1327357	36.669	nq	98
79) Butylbenzylphthalate	13.36	149	592573	42.698	nq #	76
80) Benzo(a)anthracene	13.92	228	999091	37.665	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	227524	25.419	nq #	96
82) Chrysene	13.96	228	985636	37.353	nq	100
83) Bis(2-ethylhexyl)phthalate	13.92	149	661989	43.046	nq #	99
84) Di-n-octyl phthalate	14.53	149	1165575	43.559	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	765930	39.458	nq	95
87) Benzo(b)fluoranthene	14.95	252	842470	39.490	nq	99
88) Benzo(k)fluoranthene	14.98	252	814655	40.645	nq #	95
89) Benzo(a)pyrene	15.30	252	788968	41.775	nq	97
90) Dibenzo(a,h)anthracene	16.78	278	638939	41.555	nq	98
91) Benzo(g,h,i)perylene	17.18	276	636786	39.692	nq	93

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



#1

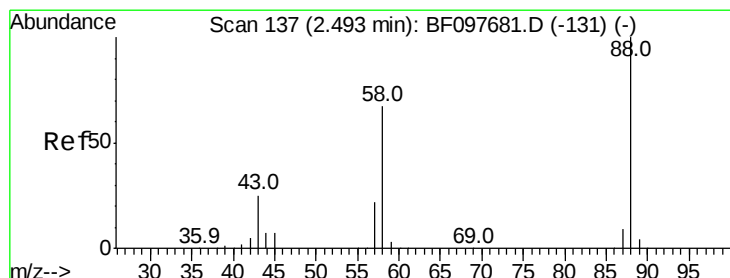
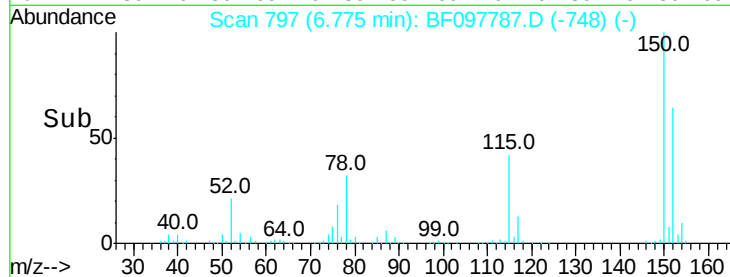
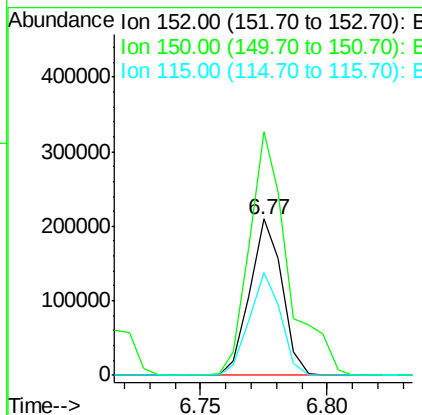
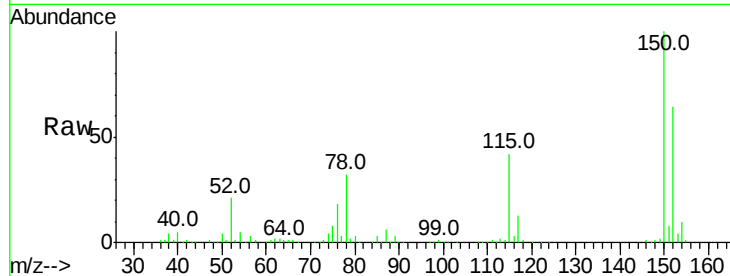
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	66.1	52.2	78.2

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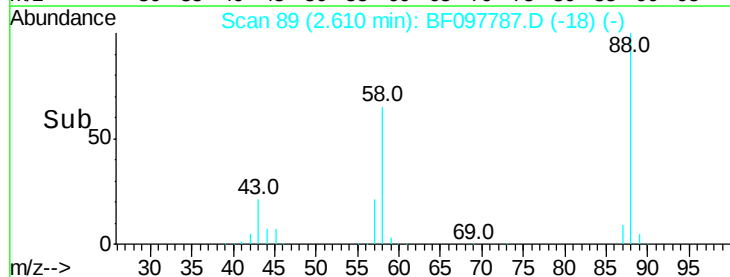
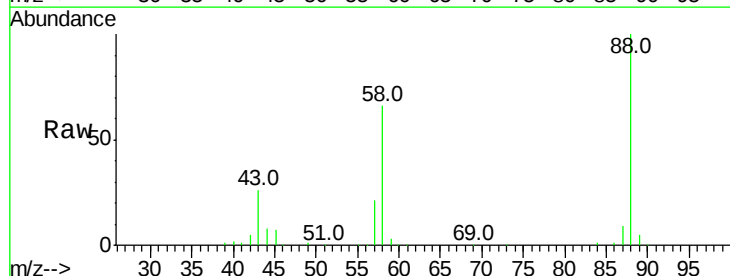
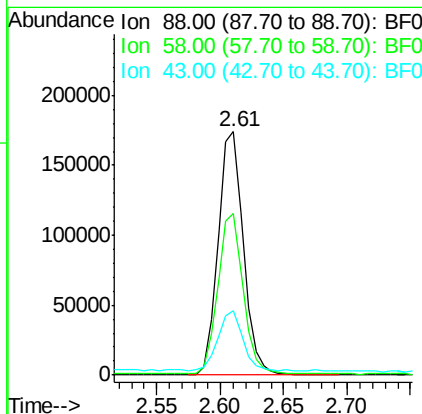
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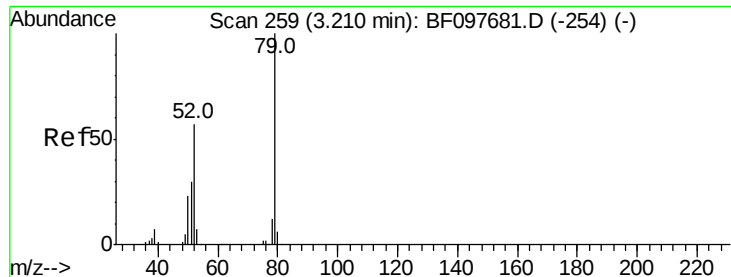


#2

1,4-Dioxane
Concen: 35.750 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.12 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	61.4	92.0
43	24.6	23.4	35.0





#3

Pvridine

Concen: 37.256 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.11 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

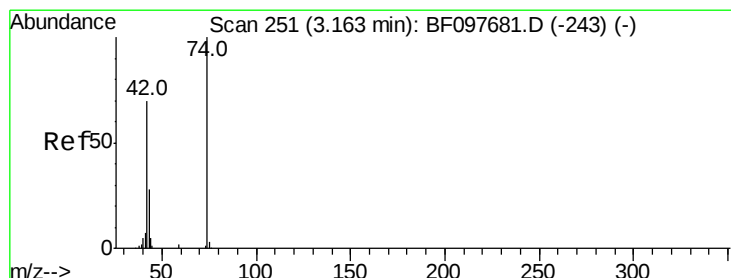
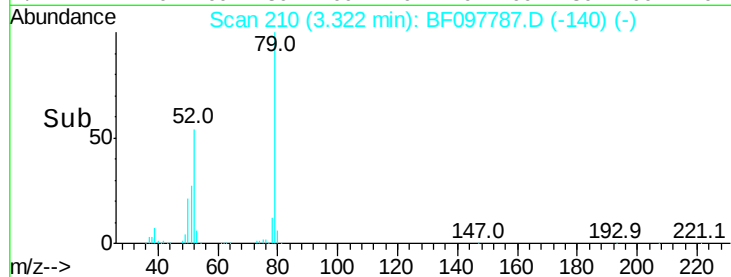
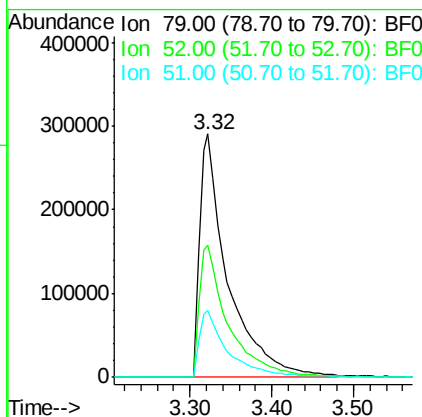
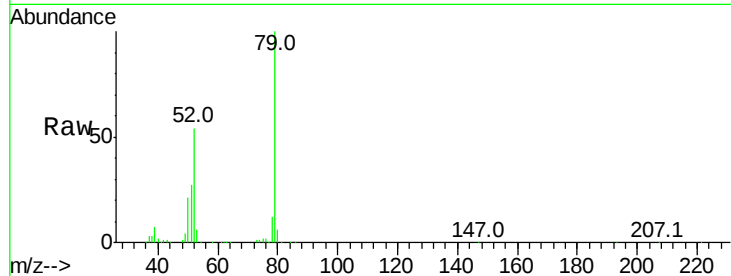
ClientSampleId :

PB101441BS

Tot Ion:	79	Resp:	698110
Ion Ratio	Lower	Upper	
79	100		
52	54.2	54.8	82.2#
51	27.3	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.530 ng

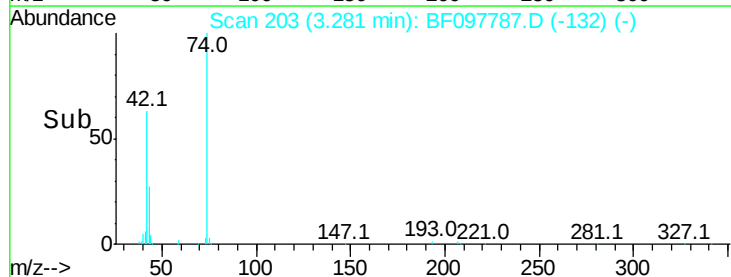
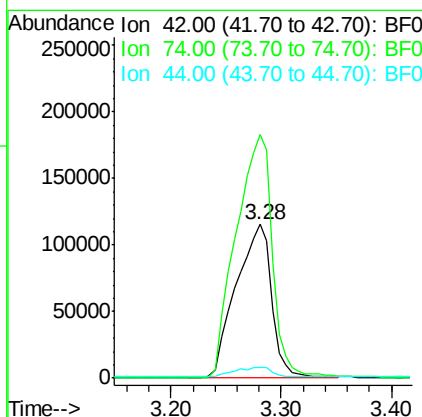
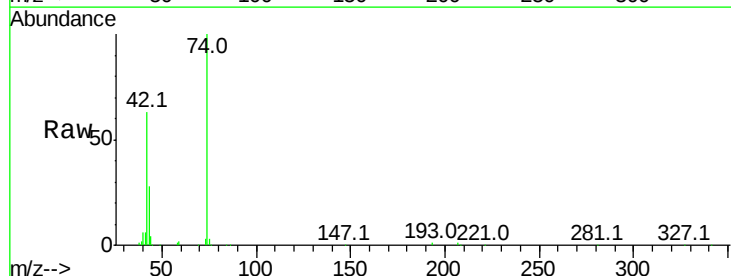
RT: 3.28 min Scan# 203

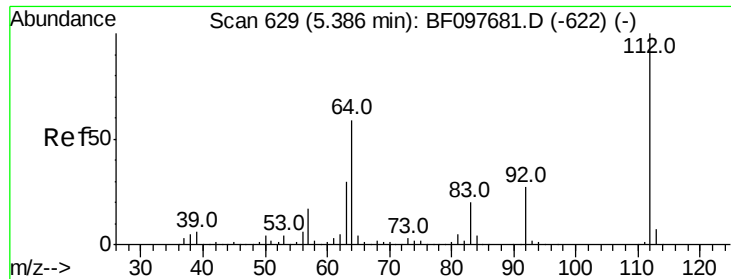
Delta R.T. 0.12 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:	42	Resp:	263380
Ion Ratio	Lower	Upper	
42	100		
74	158.5	103.9	155.9#
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 122.230 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:112 Resp: 1485583

Ion Ratio Lower Upper

112 100

64 59.4 46.0 69.0

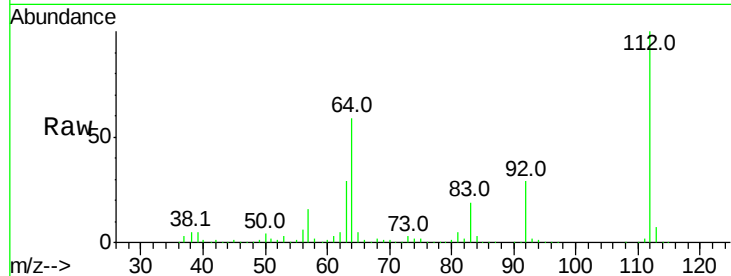
63 29.1 23.4 35.0

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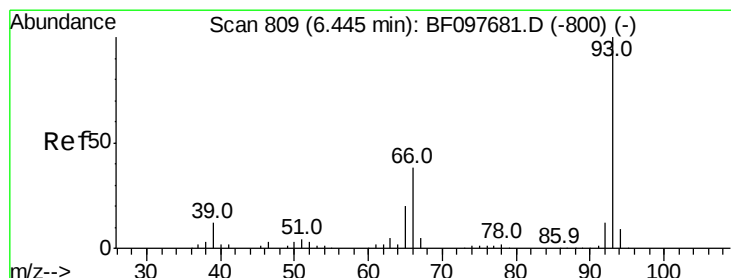
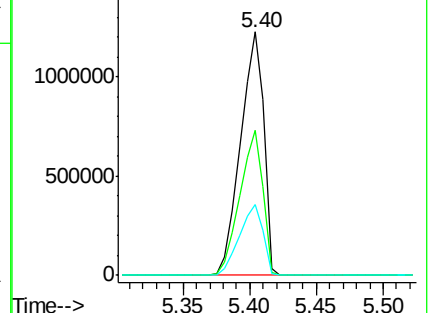
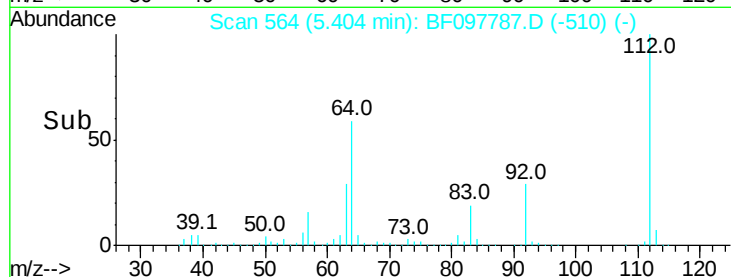
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 26.659 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

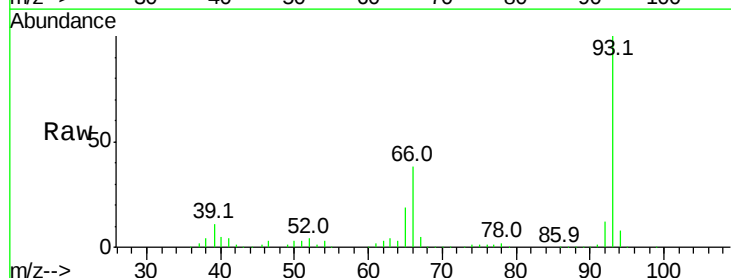
Tgt Ion: 93 Resp: 618450

Ion Ratio Lower Upper

93 100

66 38.1 32.9 49.3

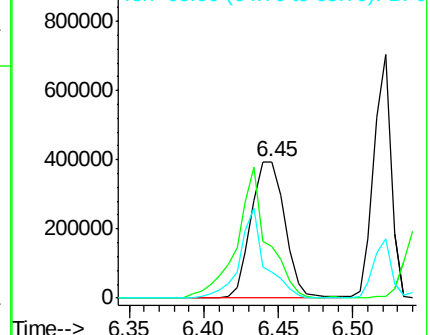
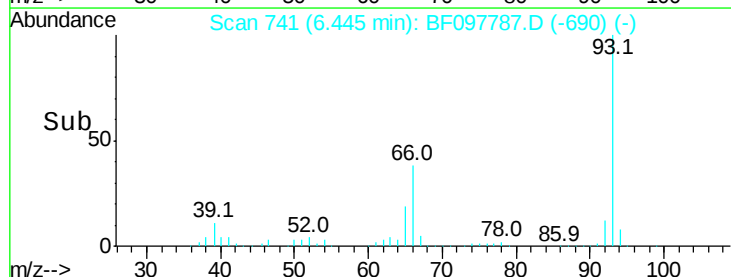
65 19.4 16.0 24.0

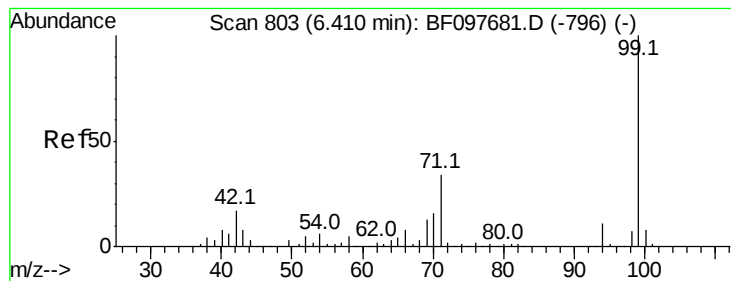


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 120.554 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 99 Resp: 1990795

Ion Ratio Lower Upper

99 100

42 14.0 13.5 20.3

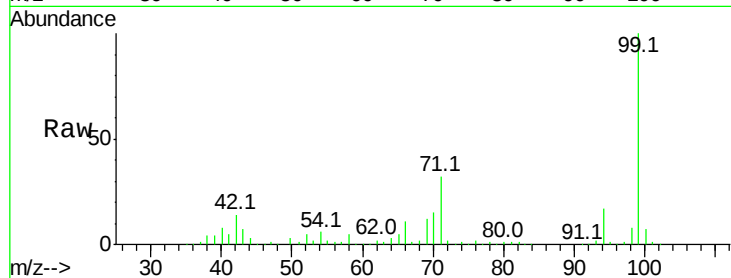
71 31.7 24.5 36.7

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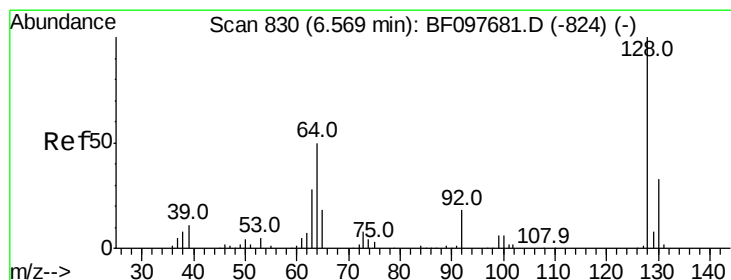
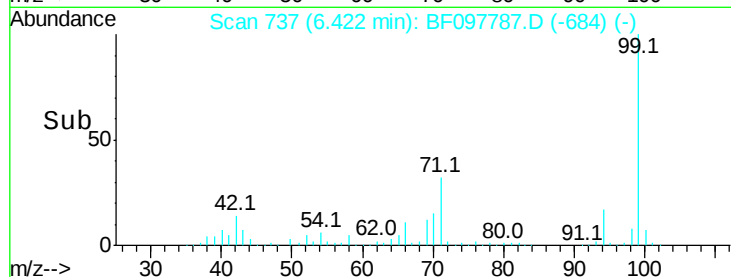
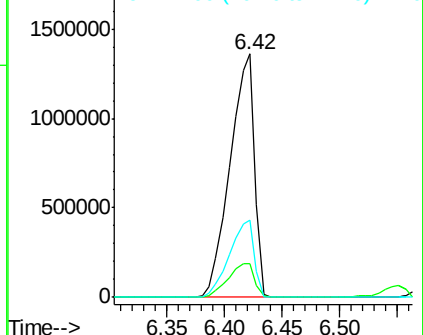
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.875 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

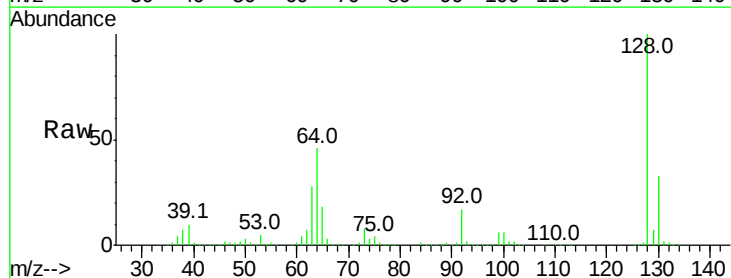
Tgt Ion:128 Resp: 511103

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

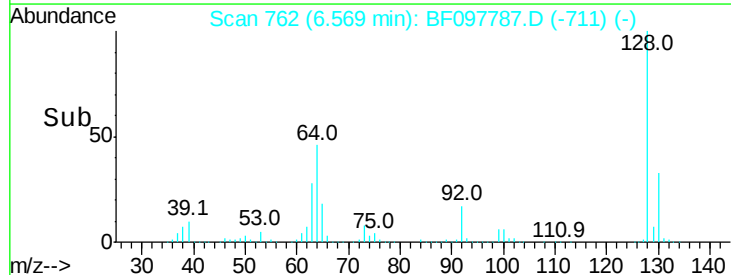
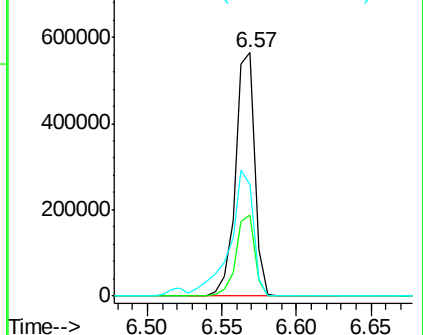
64 46.0 28.4 68.4

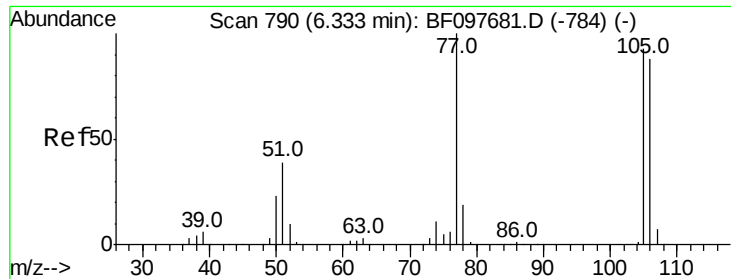


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.334 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

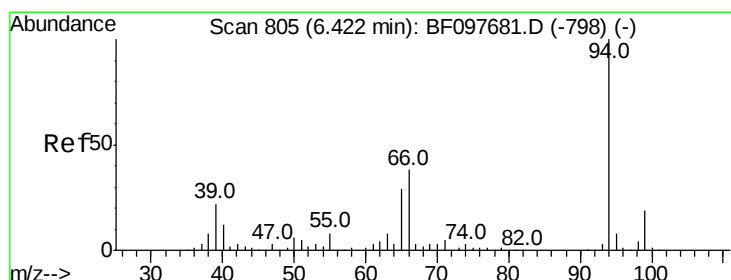
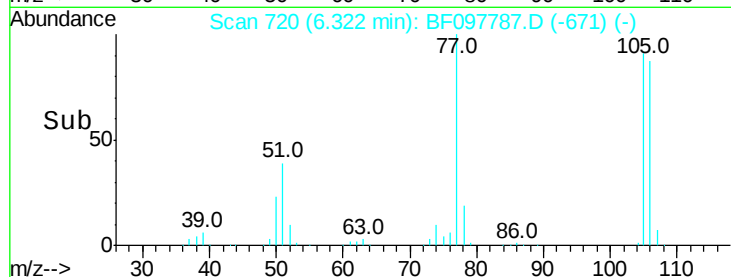
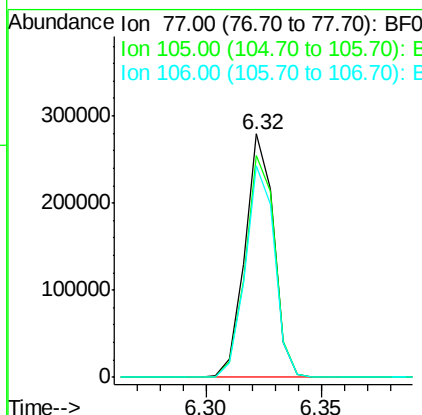
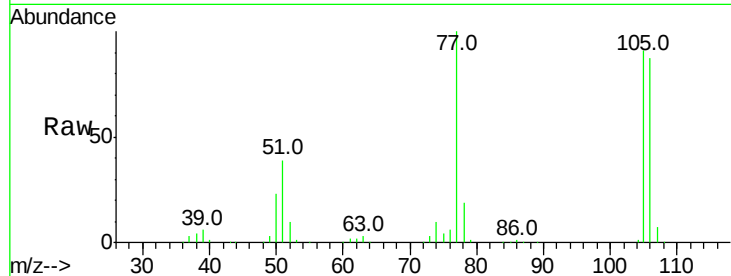
ClientSampleId :

PB101441BS

Tot Ion:	77	Resp:	244075
Ion	Ratio	Lower	Upper
77	100		
105	90.9	83.8	123.8
106	86.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 37.793 ng

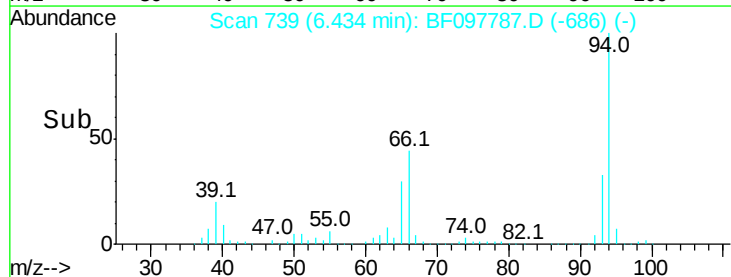
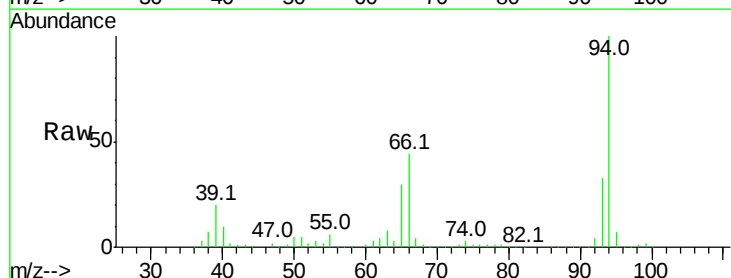
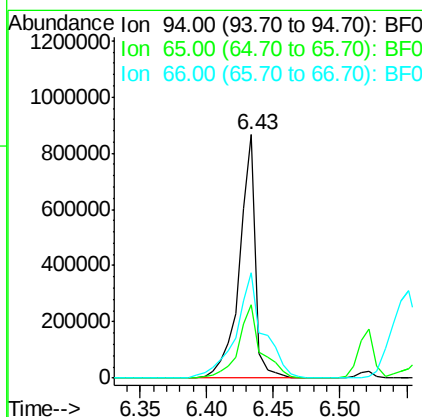
RT: 6.43 min Scan# 739

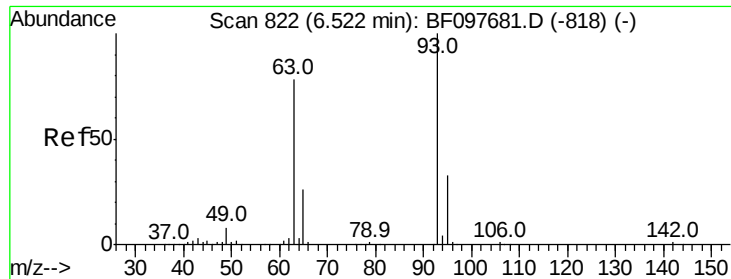
Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:	94	Resp:	729922
Ion	Ratio	Lower	Upper
94	100		
65	30.2	9.9	49.9
66	43.5	23.1	63.1





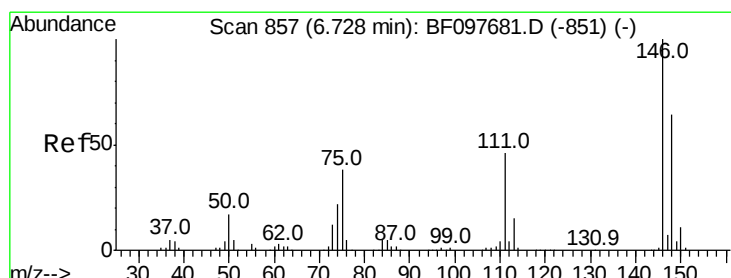
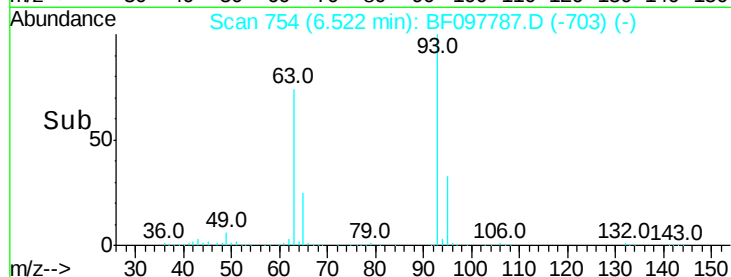
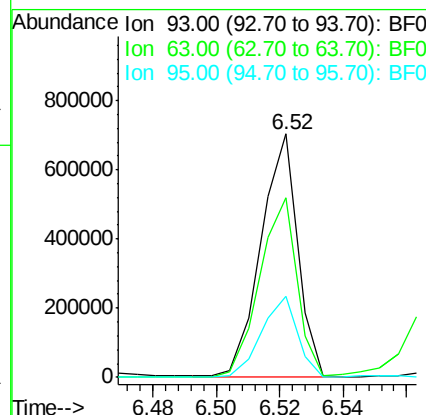
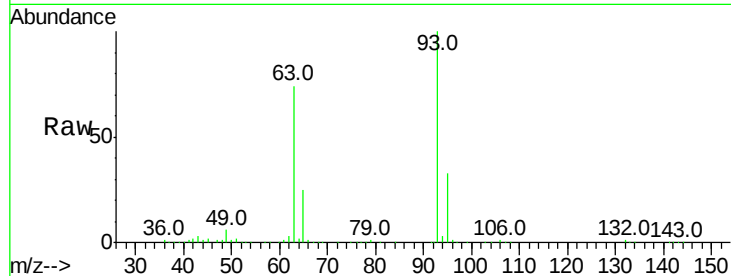
#11
bis(2-Chloroethyl)ether
Concen: 38.746 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.9	59.2	99.2	
95	33.4	12.8	52.8	

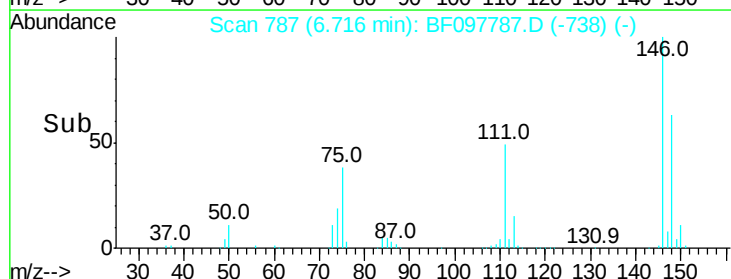
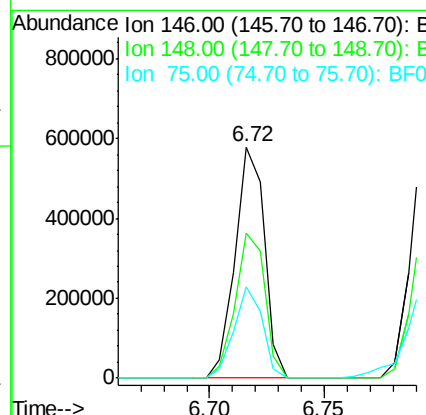
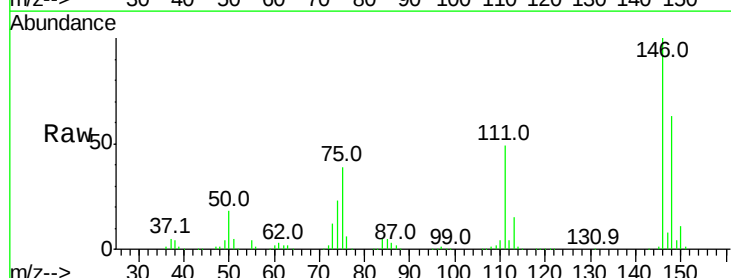
Manual Integrations
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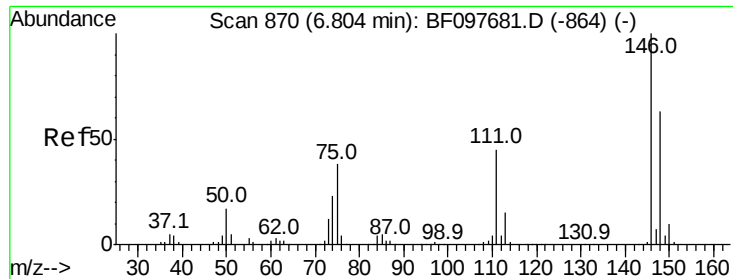
Sohil
8/18/2017 7:03:32 PM



#12
1,3-Dichlorobenzene
Concen: 37.685 ng m
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	62.7	51.8	77.6	
75	39.4	23.1	34.7	





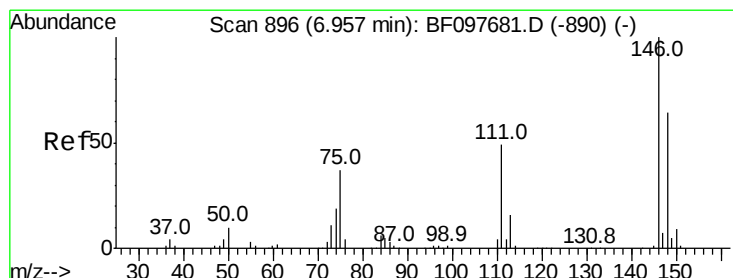
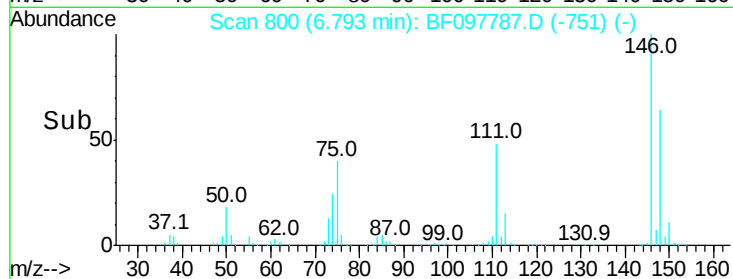
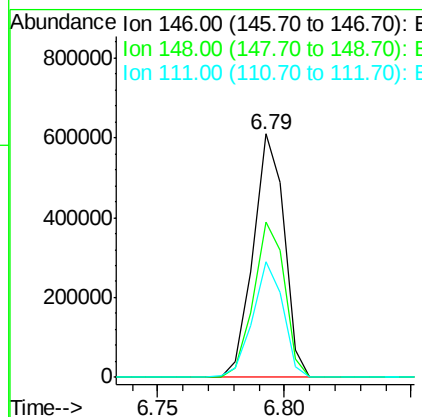
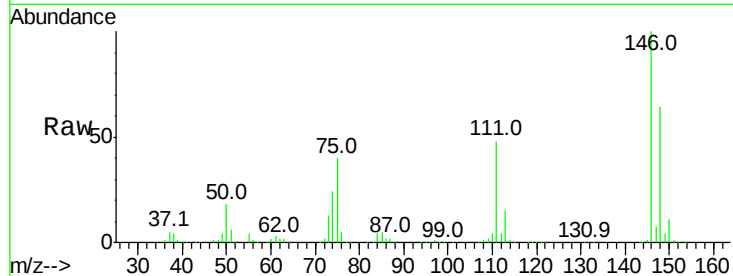
#13
 1,4-Dichlorobenzene
 Concen: 37.114 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	47.7	30.3	45.5

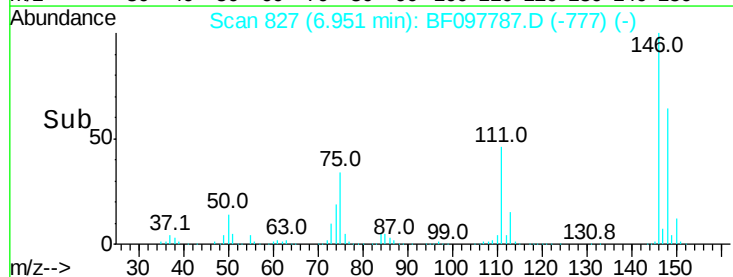
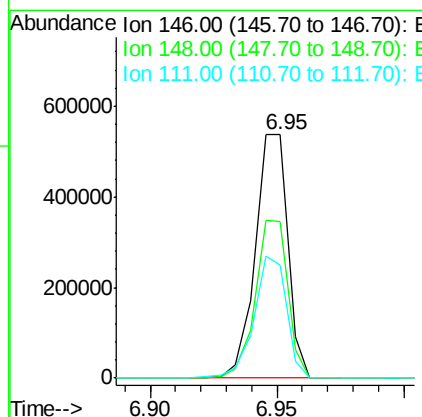
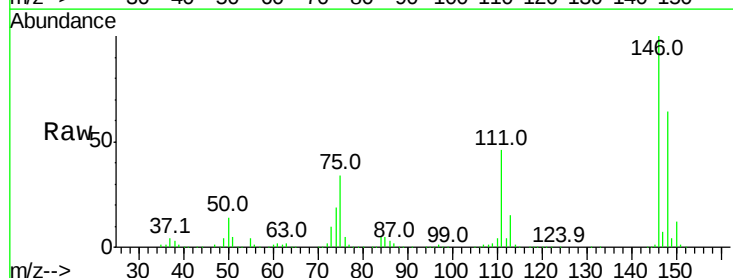
Manual Integrations
 APPROVED

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#14
 1,2-Dichlorobenzene
 Concen: 37.388 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	46.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.638 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 79 Resp: 502429

Ion Ratio Lower Upper

79 100

108 74.9 63.4 95.0

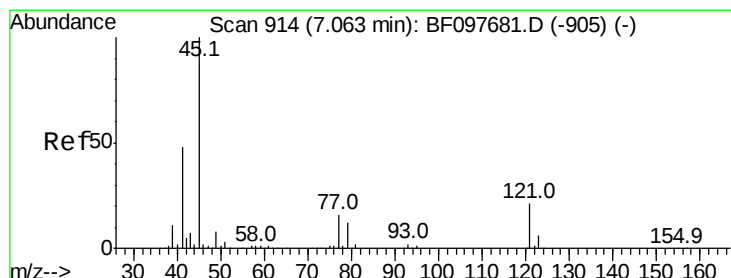
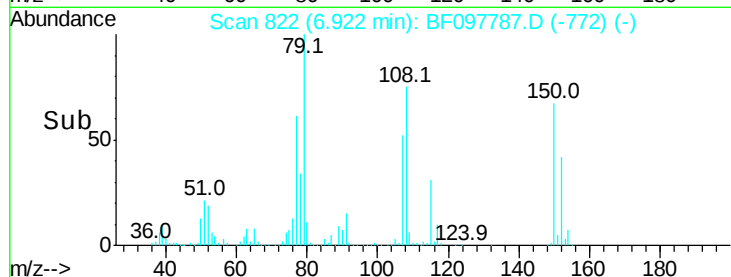
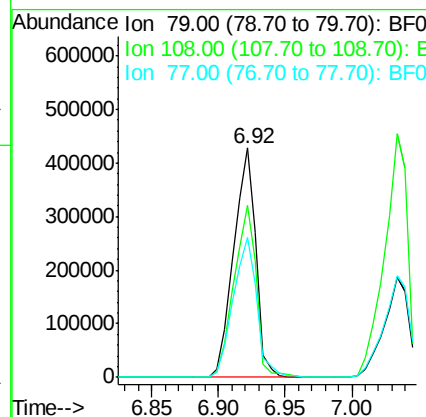
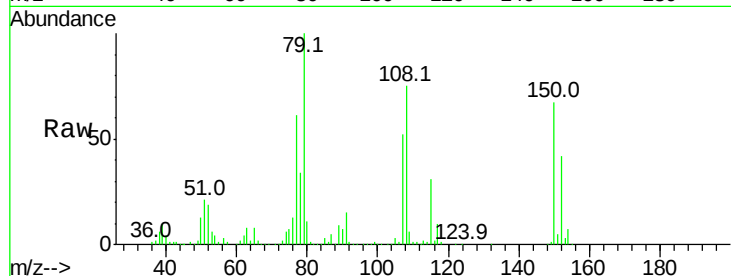
77 61.2 49.2 73.8

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.272 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

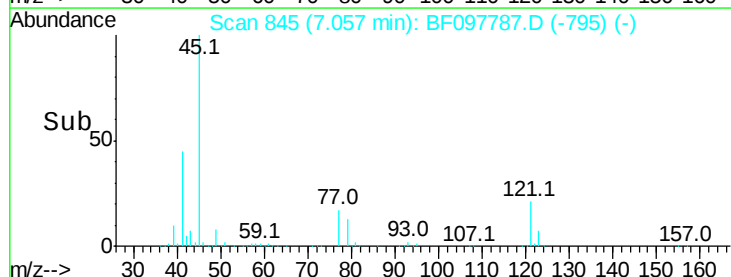
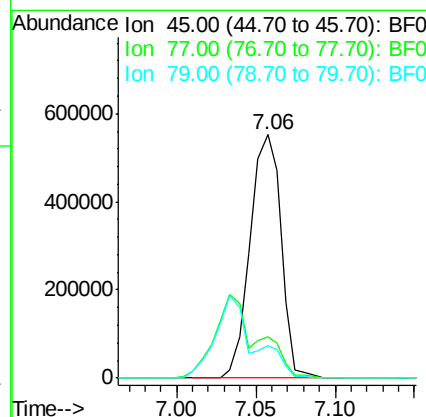
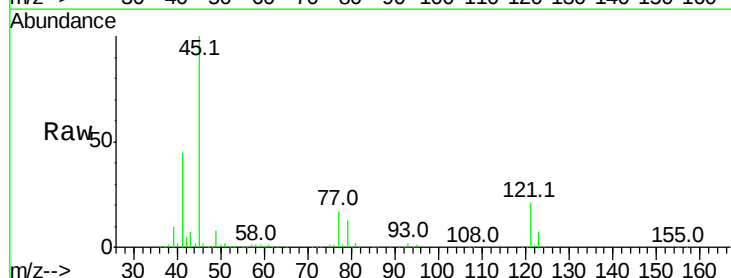
Tgt Ion: 45 Resp: 750634

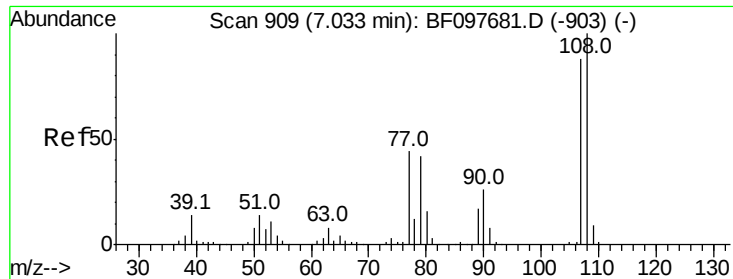
Ion Ratio Lower Upper

45 100

77 16.8 0.0 33.2

79 13.1 0.0 30.0





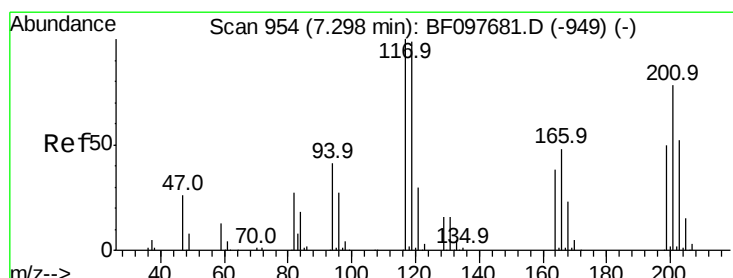
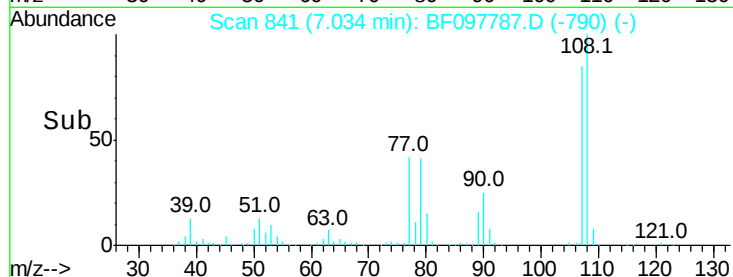
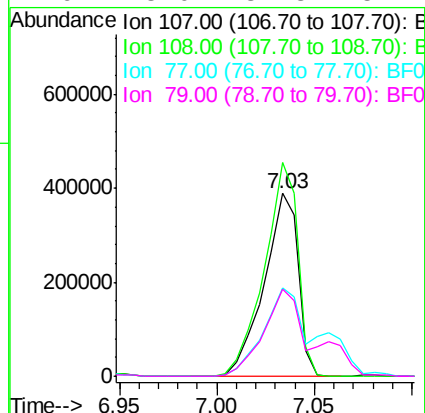
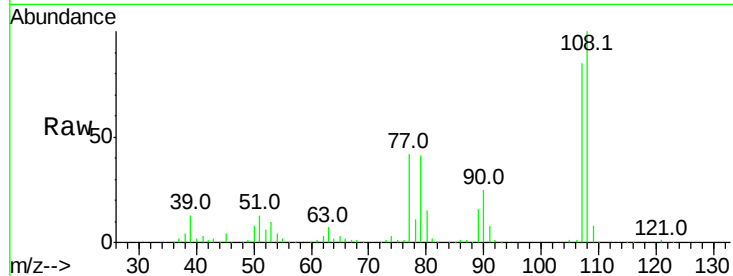
#17
2-Methylphenol
Concen: 41.541 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	107	Resp	469223
Ion Ratio	Lower	Upper	
107	100		
108	117.0	93.4	140.0
77	48.7	35.8	53.6
79	48.0	34.8	52.2

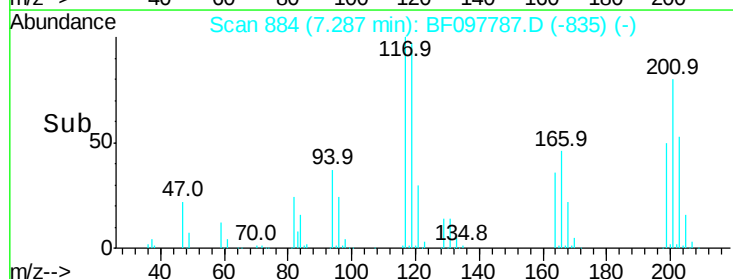
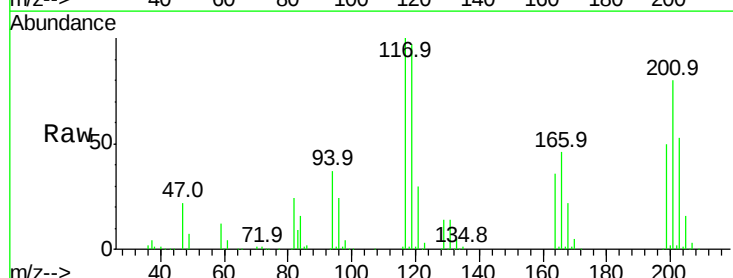
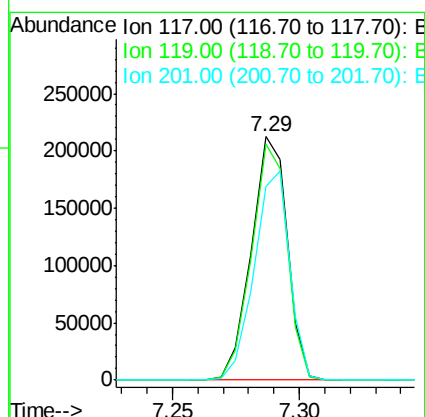
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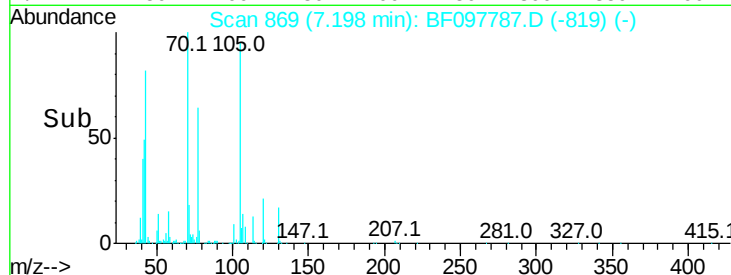
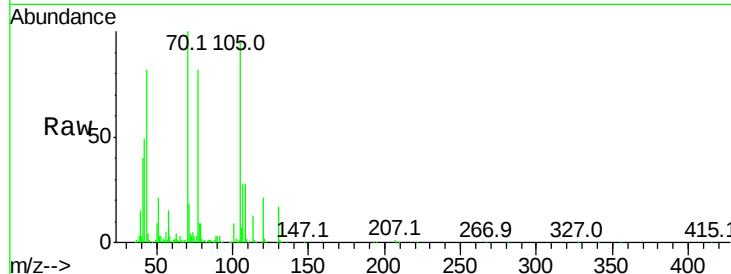
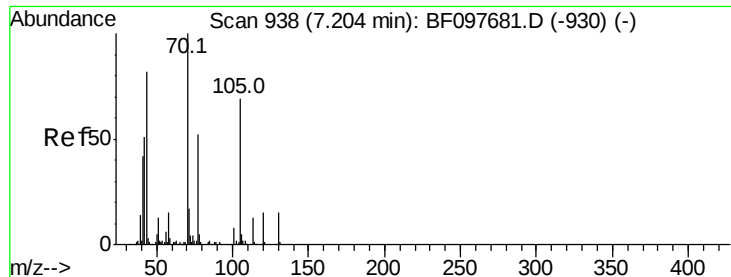
Sohil
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#18
Hexachloroethane
Concen: 38.437 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	117	Resp	211309
Ion Ratio	Lower	Upper	
117	100		
119	96.7	77.4	116.0
201	79.8	94.6	141.8#





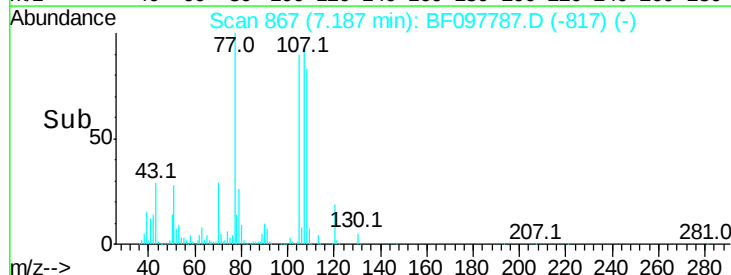
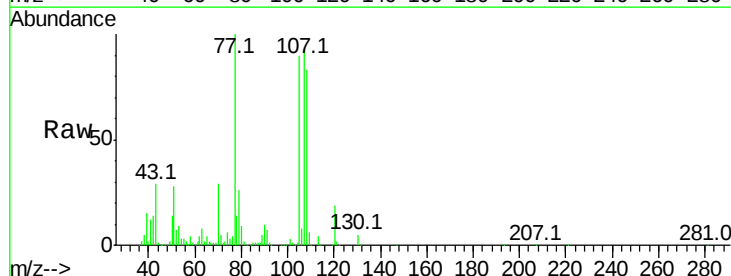
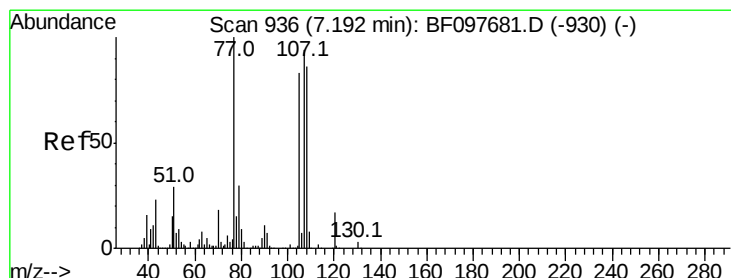
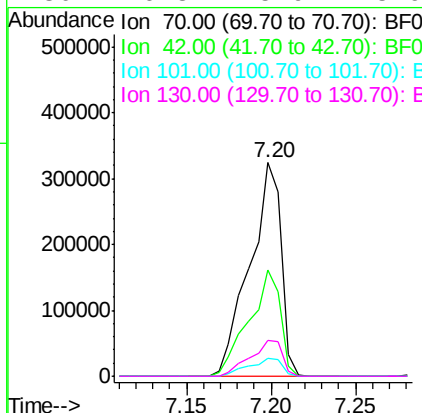
#19
n-Nitroso-di-n-propylamine
Concen: 37.018 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Manual Integrations
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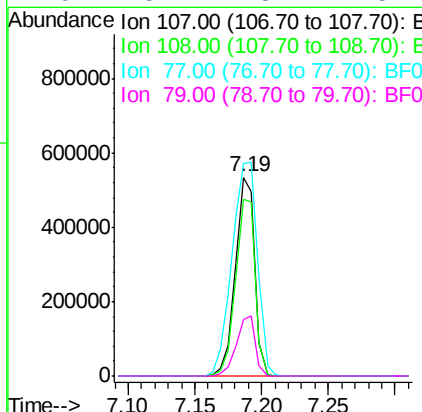
Sohil
8/18/2017 7:03:32 PM

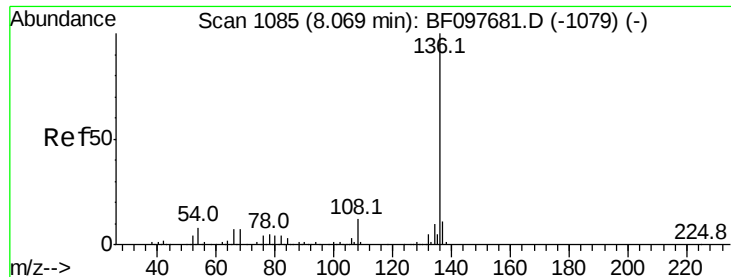
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.5	47.2	70.8		
101	8.6	7.2	10.8		
130	16.8	15.9	23.9		



#20
3+4-Methylphenols
Concen: 39.423 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.0	71.0	111.0		
77	107.1	90.5	130.5		
79	28.2	8.4	48.4		





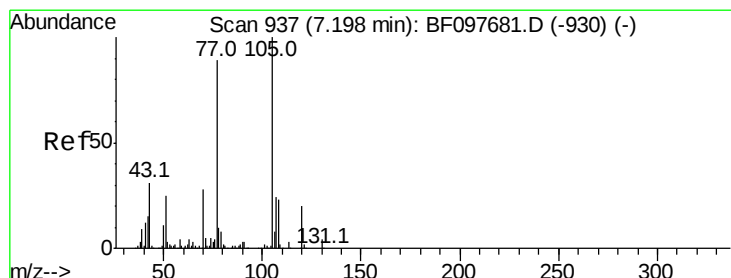
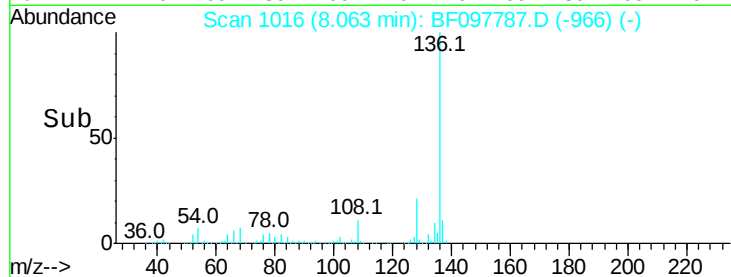
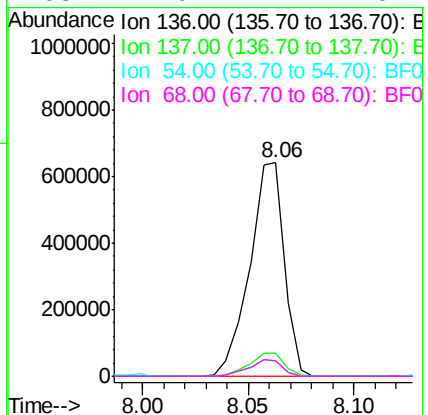
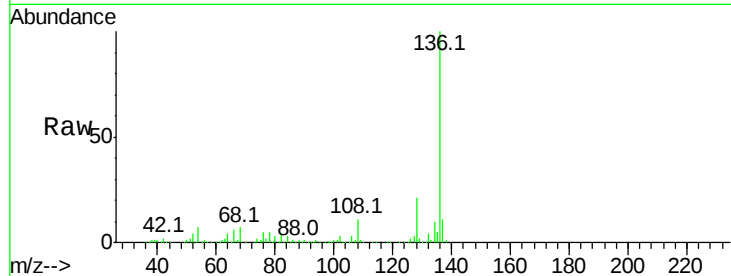
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	7.2	4.9	7.3	
68	7.0	4.1	6.1	

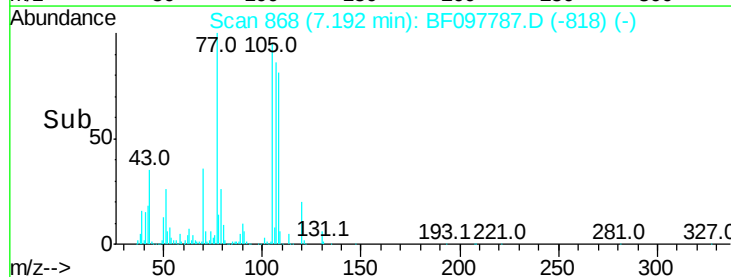
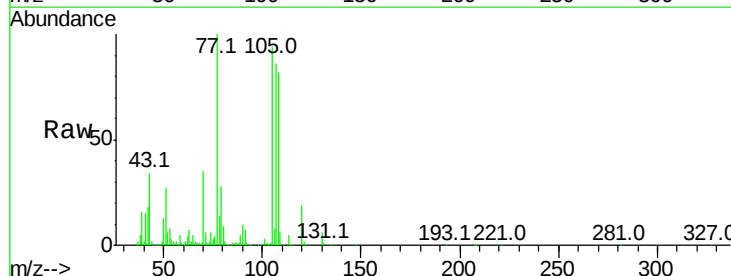
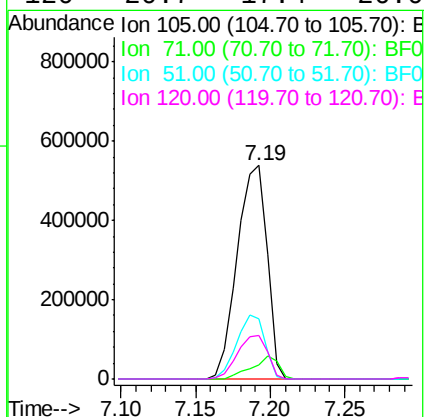
Manual Integrations
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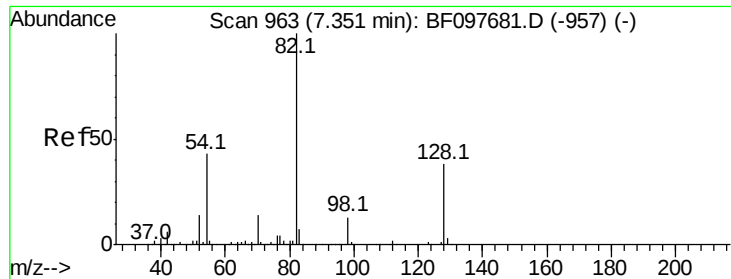
Sohil
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#22
Acetophenone
Concen: 38.728 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	2.8	4.2	
51	28.4	30.7	46.1	
120	20.7	17.4	26.0	





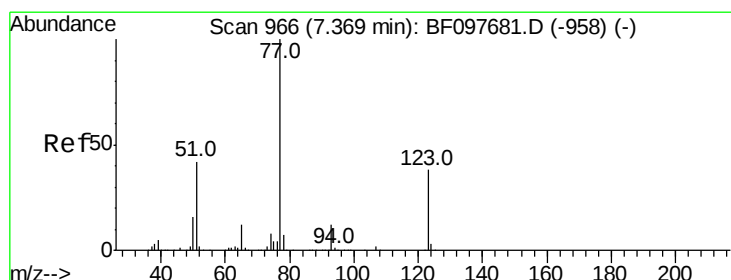
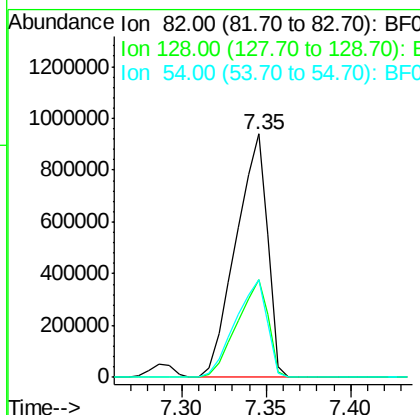
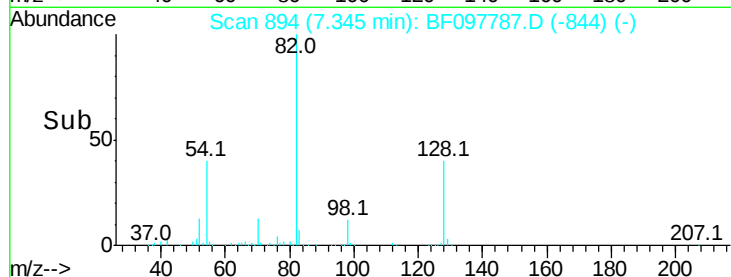
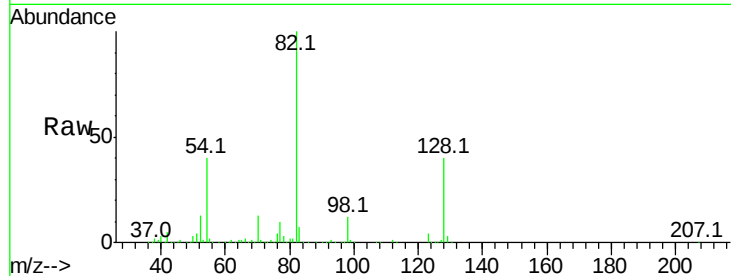
#23
Nitrobenzene-d5
Concen: 91.004 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion: 82 Resp: 1225415
Ion Ratio Lower Upper
82 100
128 40.0 34.0 51.0
54 40.2 42.2 63.2#

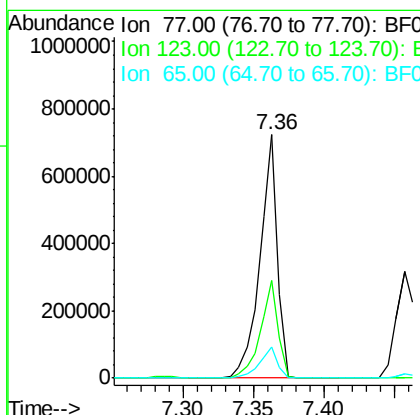
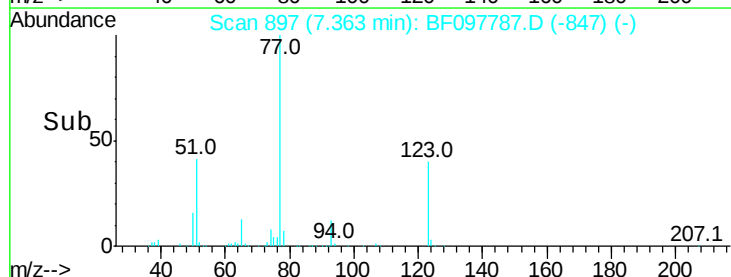
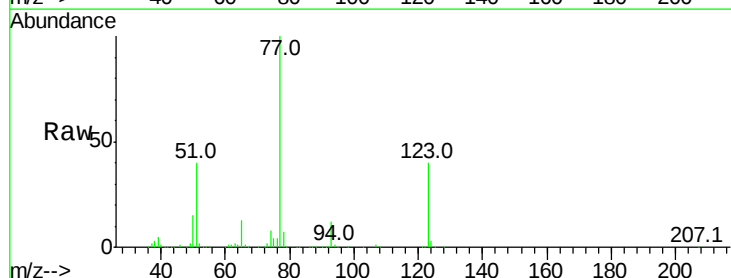
Manual Integrations
APPROVED

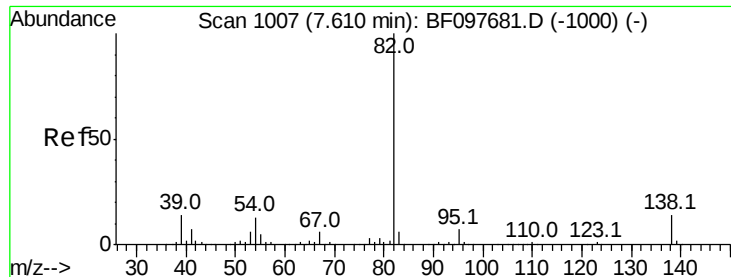
Sohil
8/18/2017 7:03:32 PM



#24
Nitrobenzene
Concen: 42.317 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion: 77 Resp: 634458
Ion Ratio Lower Upper
77 100
123 40.4 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 41.359 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion: 82 Resp: 1158044

Ion Ratio Lower Upper

82 100

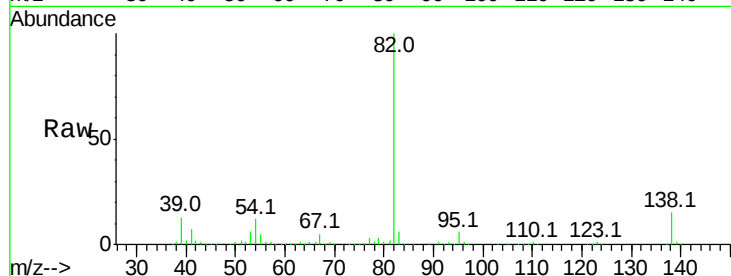
95 6.4 5.3 7.9

138 14.8 13.1 19.7

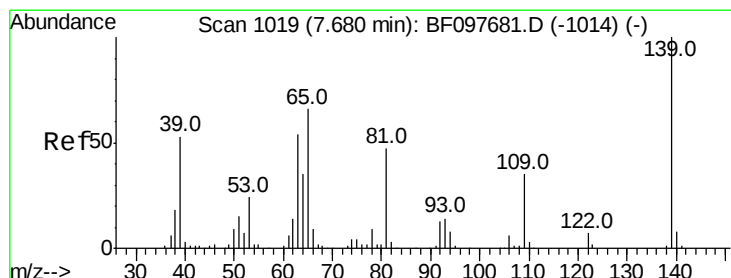
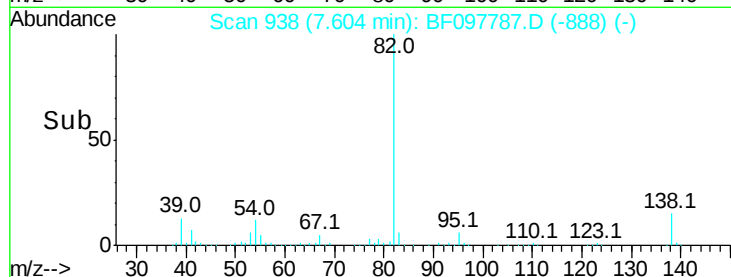
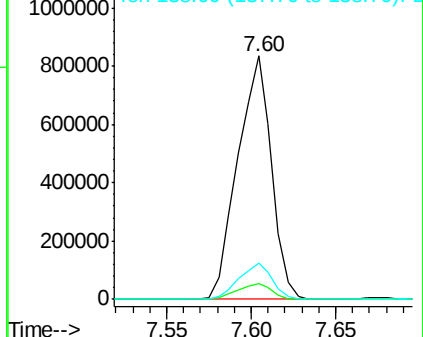
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.292 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

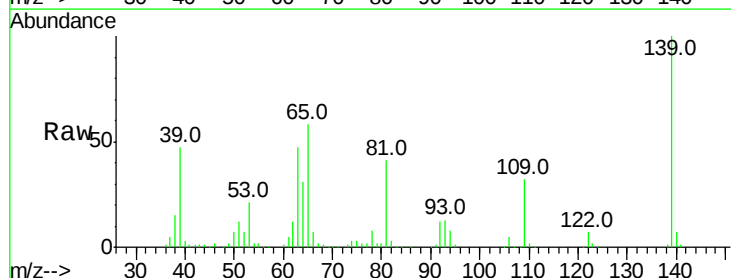
Tgt Ion:139 Resp: 256408

Ion Ratio Lower Upper

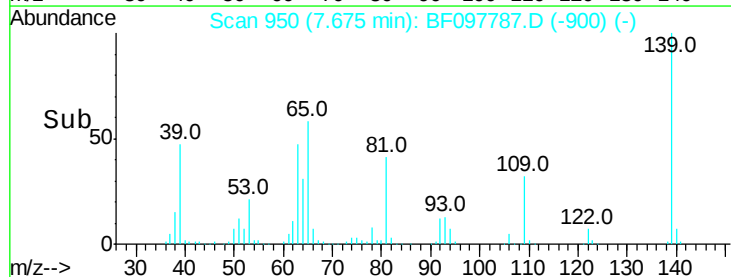
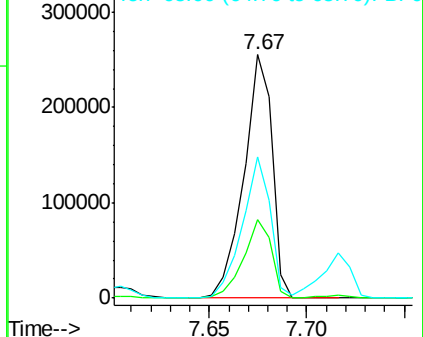
139 100

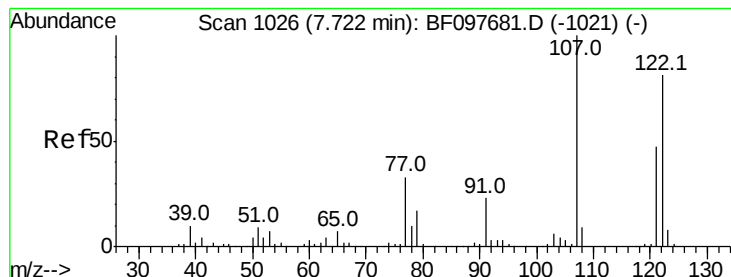
109 32.0 21.0 31.6#

65 57.8 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





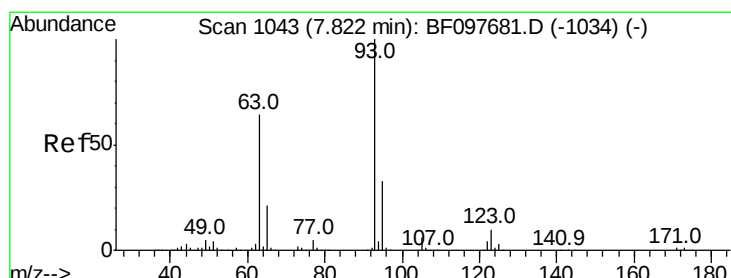
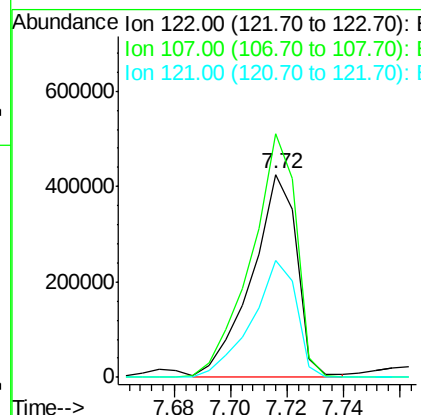
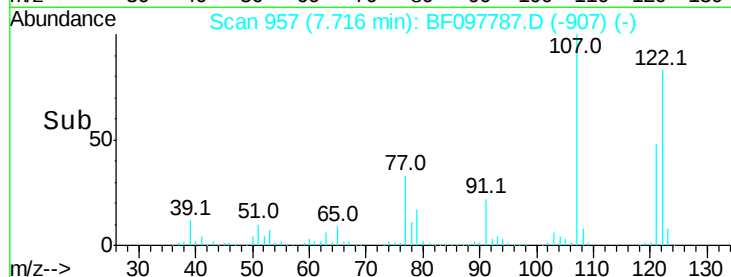
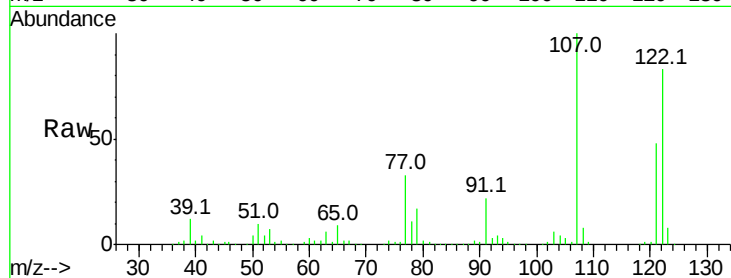
#27
 2,4-Dimethylphenol
 Concen: 40.464 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:	122	Resp:	472515
Ion Ratio	Lower	Upper	
122	100		
107	119.9	89.2	133.8
121	57.7	45.2	67.8

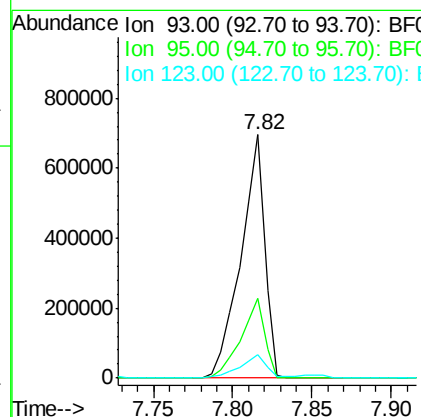
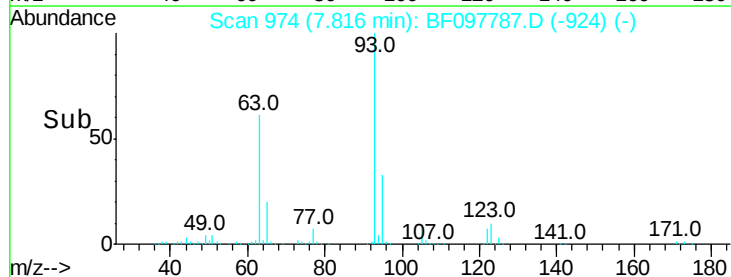
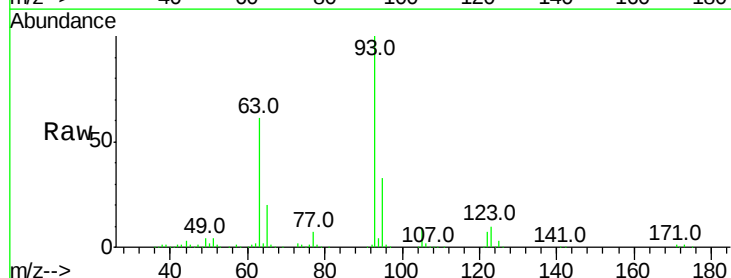
Manual Integrations
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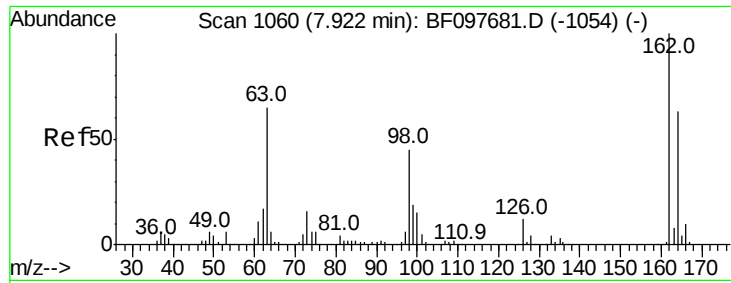
Sohil
 8/18/2017 7:03:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.425 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:	93	Resp:	725728
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	9.9	9.0	13.4





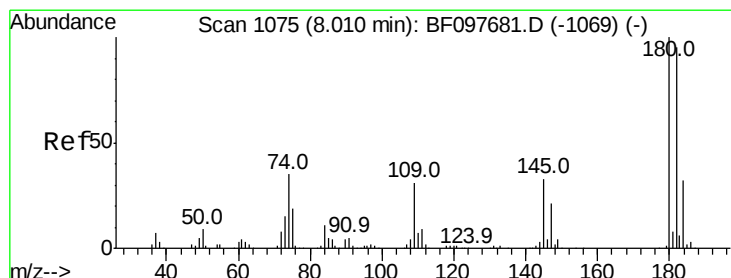
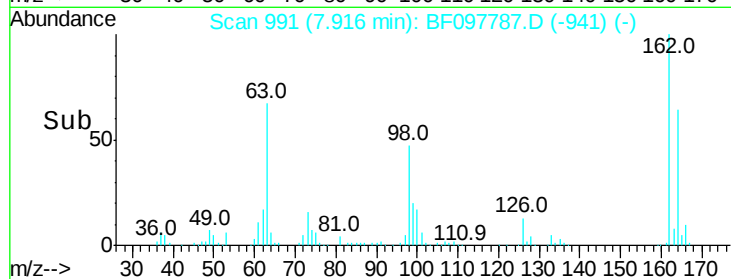
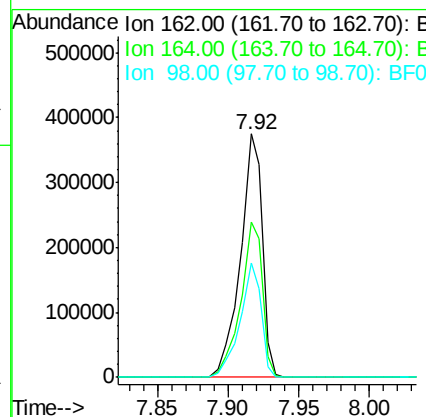
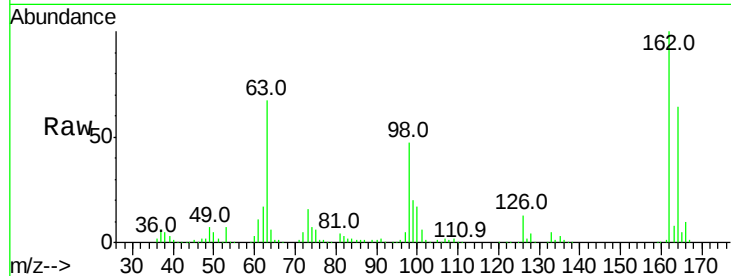
#29
 2,4-Dichlorophenol
 Concen: 41.544 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	402699		
164	63.8		44.6	84.6
98	47.1		14.8	54.8

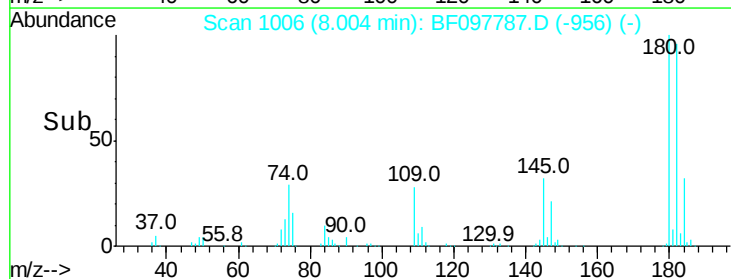
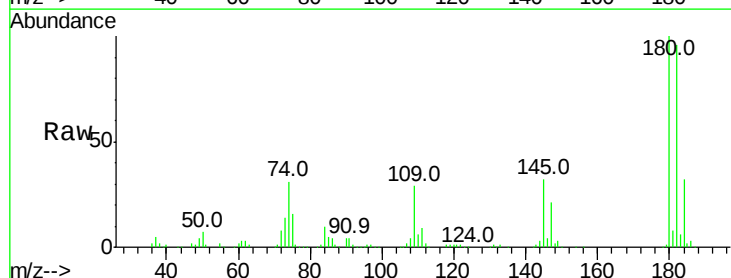
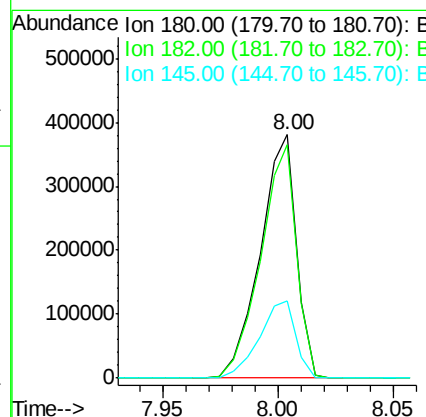
Manual Integrations
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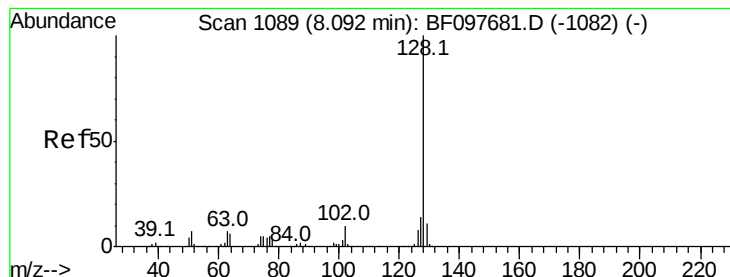
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.548 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414225		
182	95.7		75.8	113.6
145	31.9		25.3	37.9





#31

Naphthalene

Concen: 38.536 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:128 Resp: 1463438

Ion Ratio Lower Upper

128 100

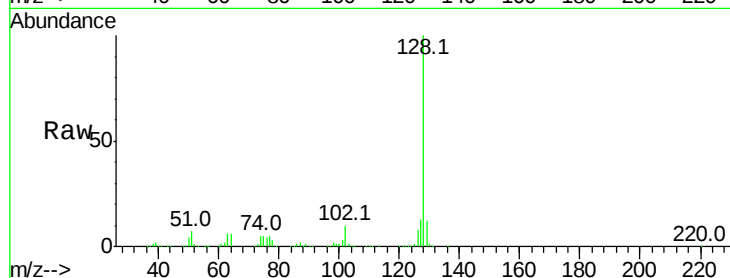
129 11.5 9.0 13.6

127 13.4 10.8 16.2

Manual Integrations
APPROVED

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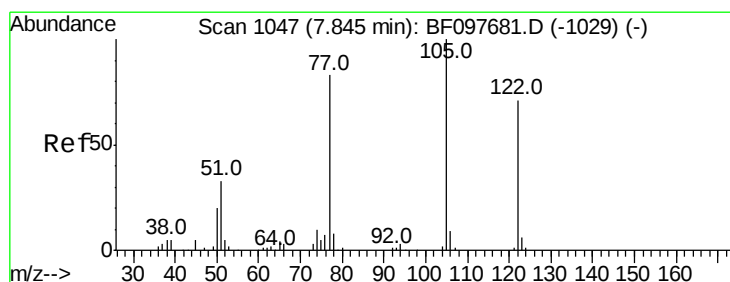
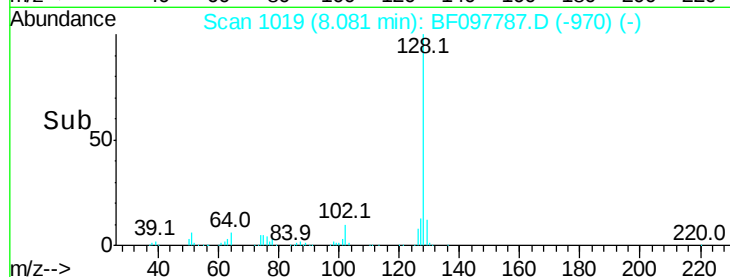
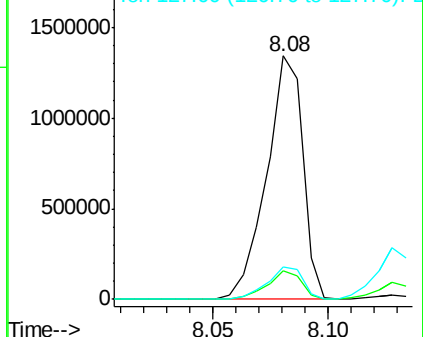
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.633 ng

RT: 7.86 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

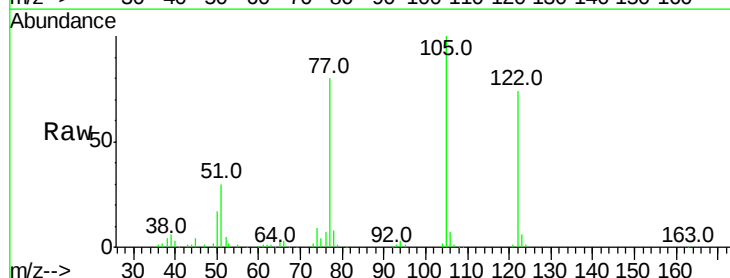
Tgt Ion:122 Resp: 306603

Ion Ratio Lower Upper

122 100

105 134.7 103.3 143.3

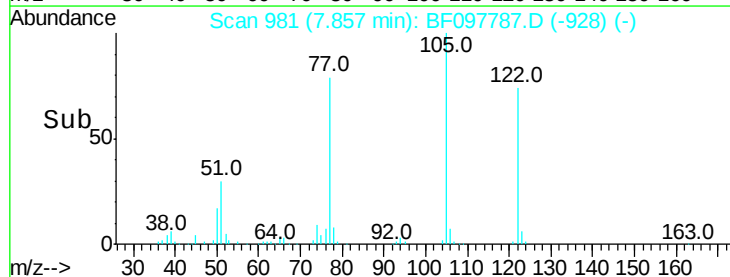
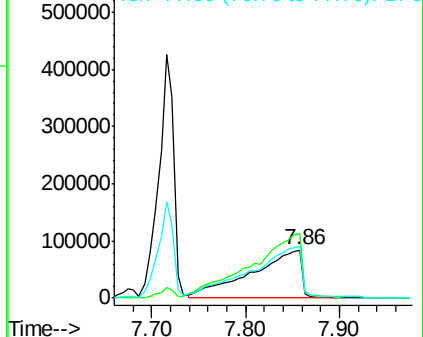
77 107.2 73.7 113.7

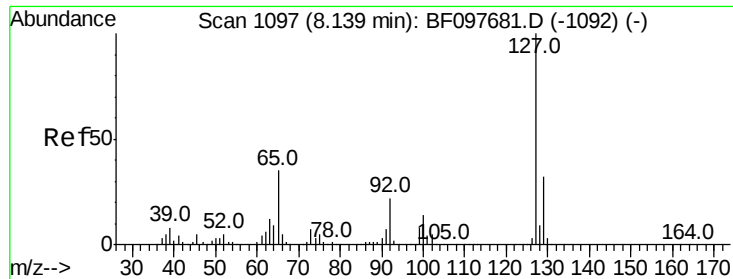


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





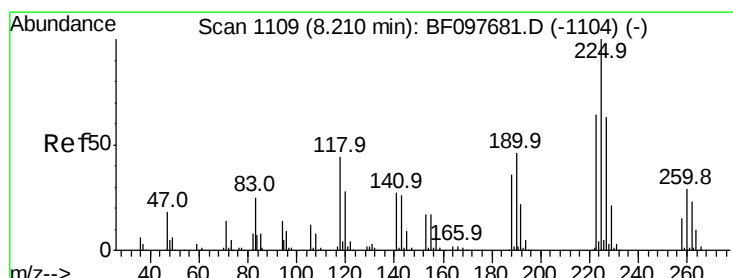
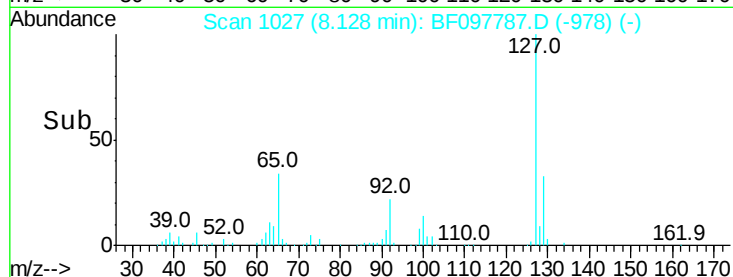
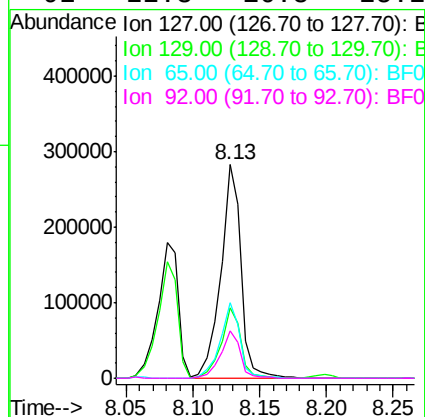
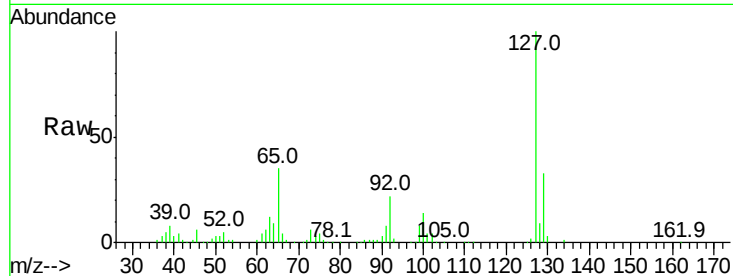
#33
4-Chloroaniline
Concen: 18.920 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.2	39.2		
65	35.4	27.8	41.8		
92	22.3	16.8	25.2		

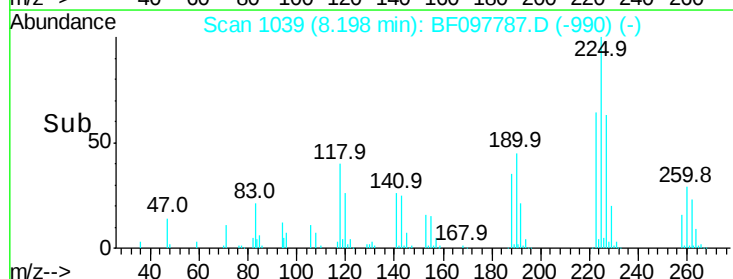
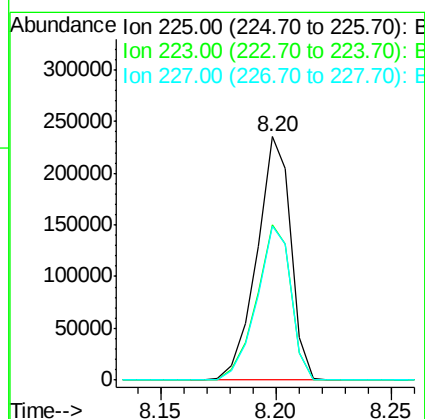
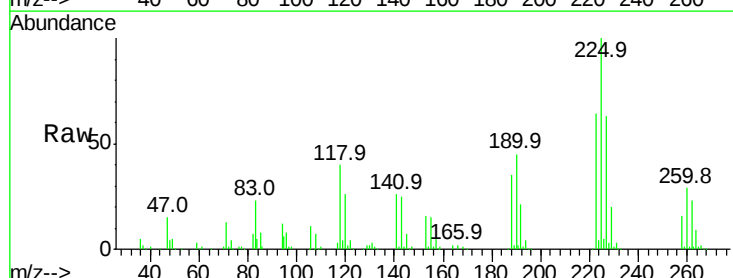
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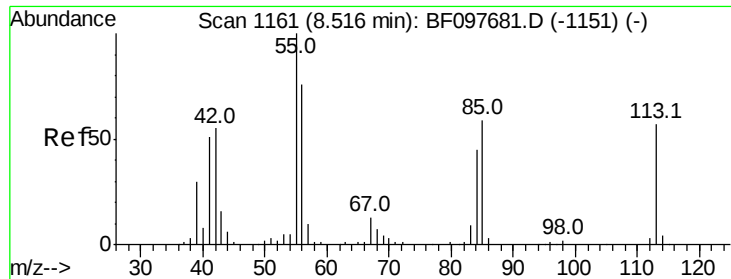
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#34
Hexachlorobutadiene
Concen: 38.427 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	48.8	73.2		
227	63.0	51.1	76.7		





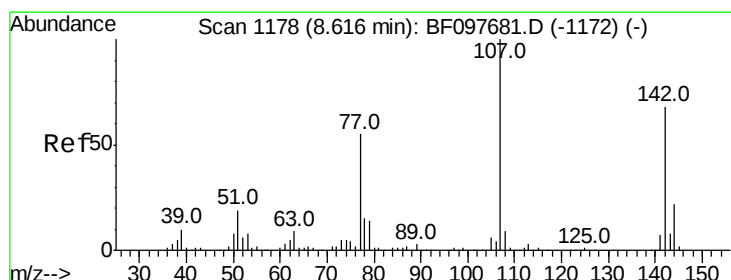
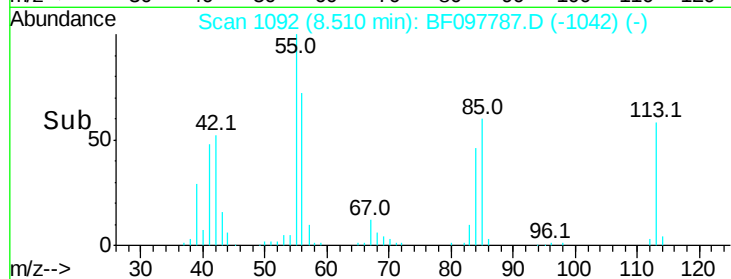
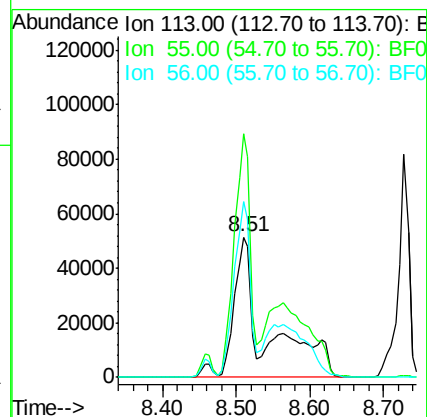
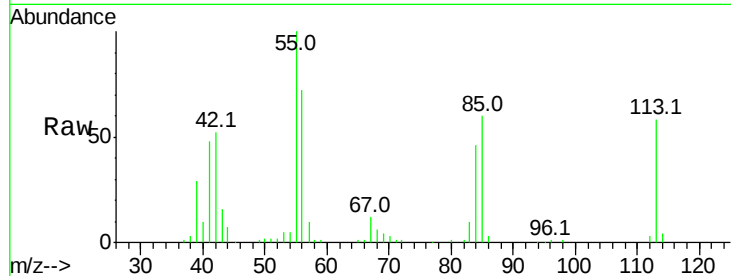
#35
 Caprolactam
 Concen: 47.302 ng/ml
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.3	150.2	190.2
56	125.2	107.8	147.8

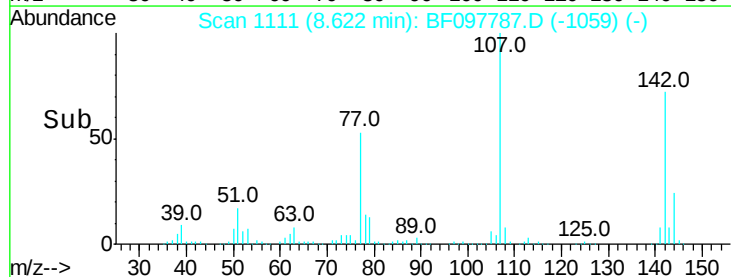
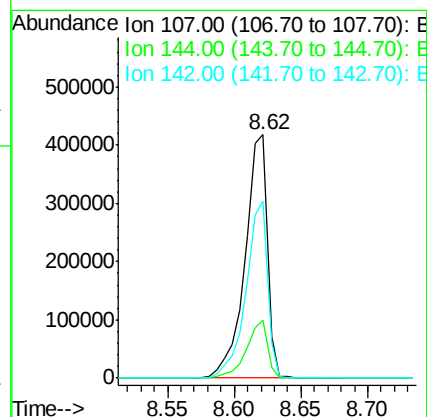
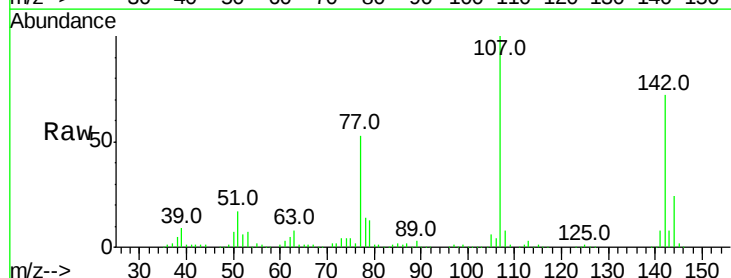
Manual Integrations
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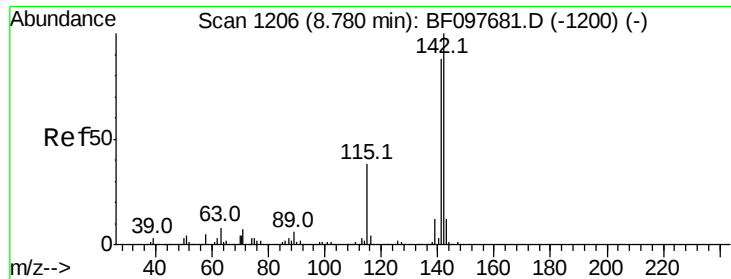
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#36
 4-Chloro-3-methylphenol
 Concen: 38.783 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.6	24.2	36.4#
142	72.5	73.4	110.0#





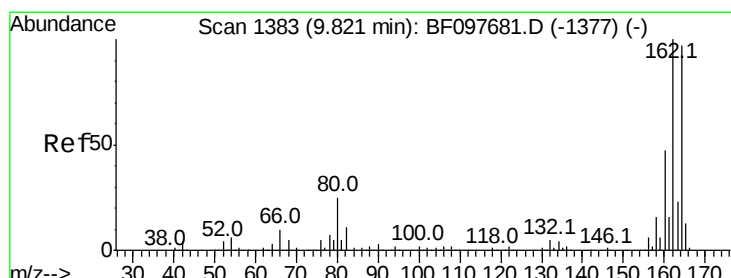
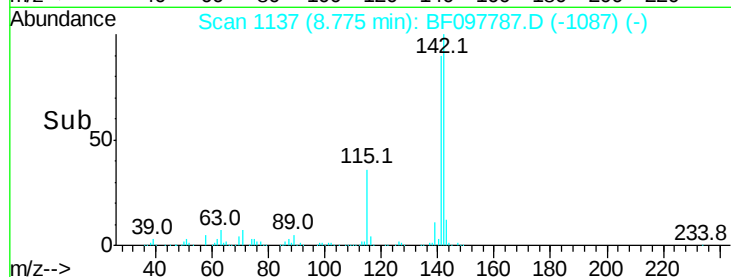
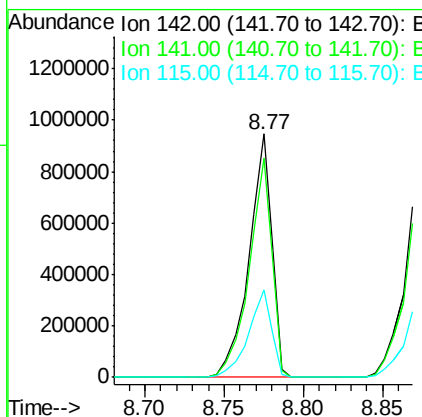
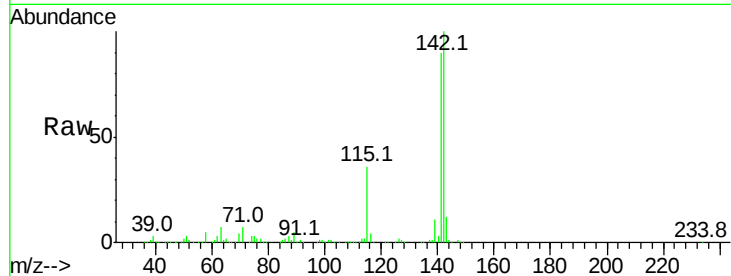
#37
2-Methylnaphthalene
Concen: 40.307 ng
RT: 8.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.3	106.9
115	36.0	27.1	40.7

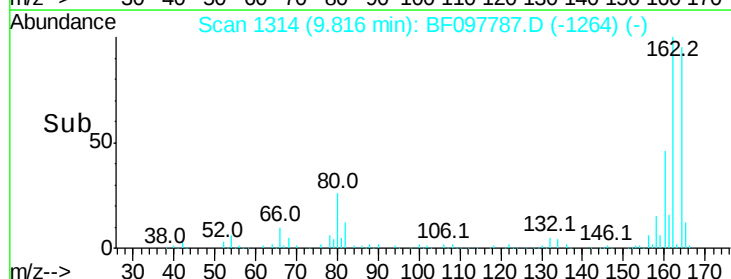
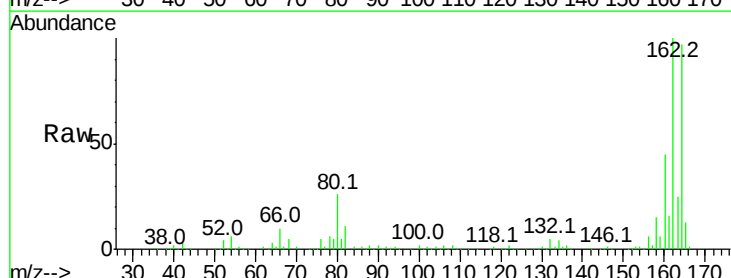
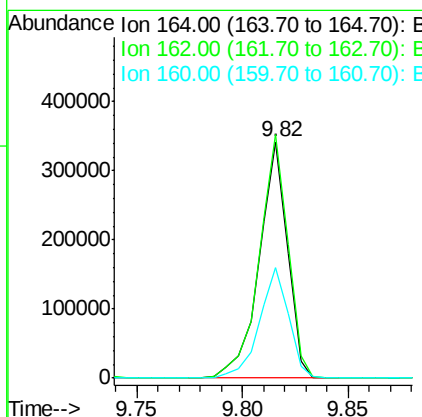
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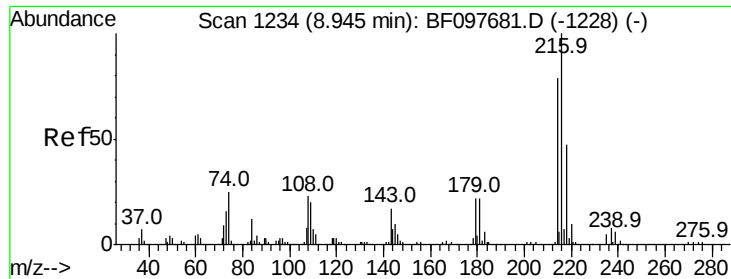
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	46.8	36.2	54.2





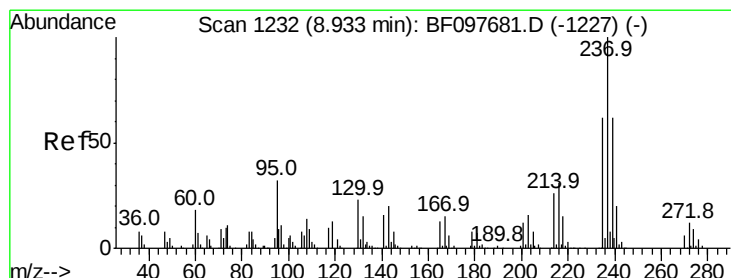
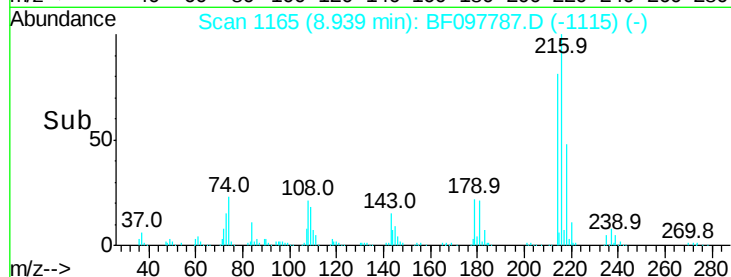
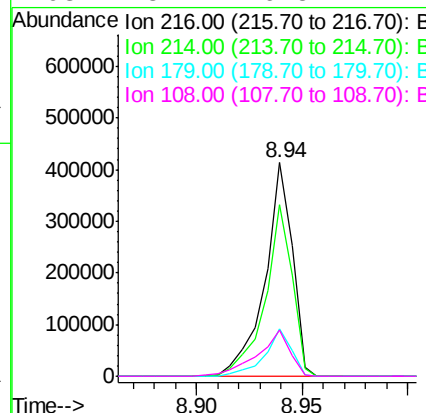
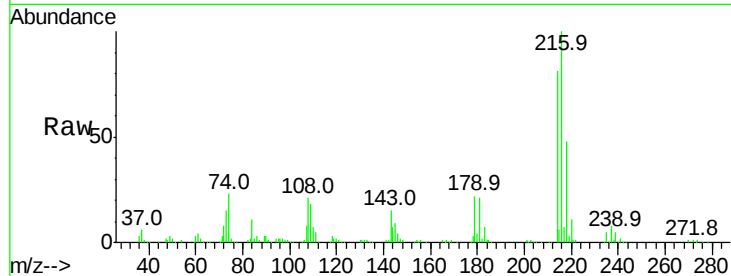
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.013 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	373699		
214	79.7	63.4	95.2	
179	21.5	17.9	26.9	
108	25.2	16.5	24.7	

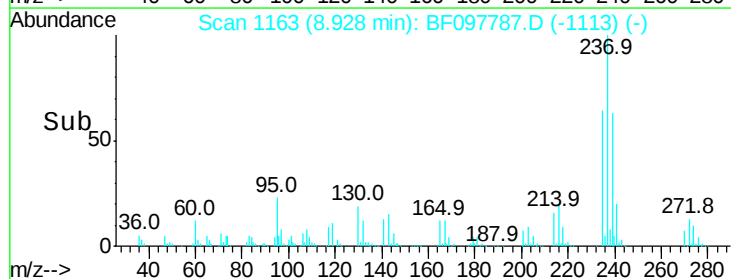
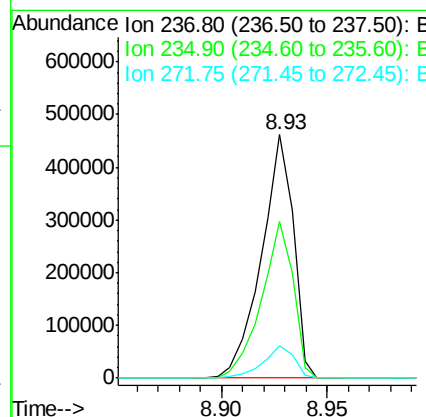
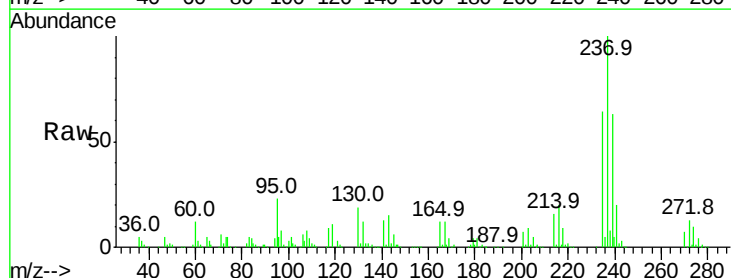
Manual Integrations
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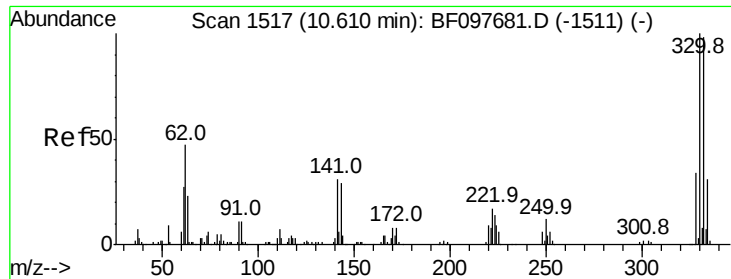
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#40
 Hexachlorocyclopentadiene
 Concen: 103.024 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	486568		
235	64.1	42.6	82.6	
272	13.1	0.0	31.9	





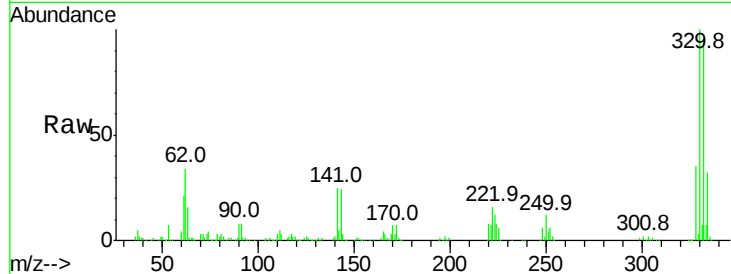
#41
 2,4,6-Tribromophenol
 Concen: 139.390 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

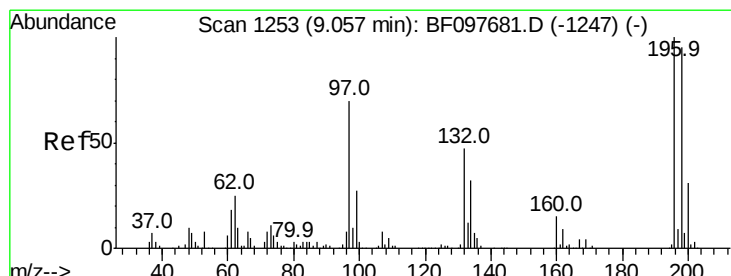
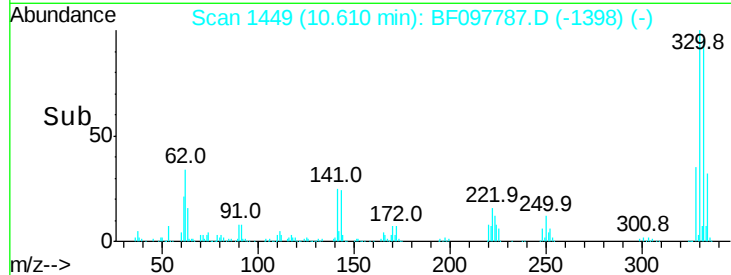
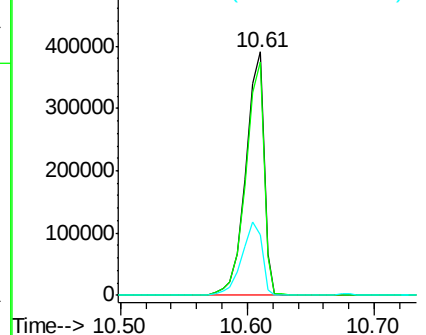
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.6	115.0	
141	33.3	31.4	47.2	

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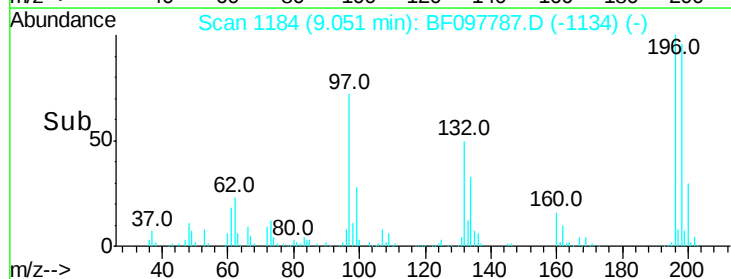
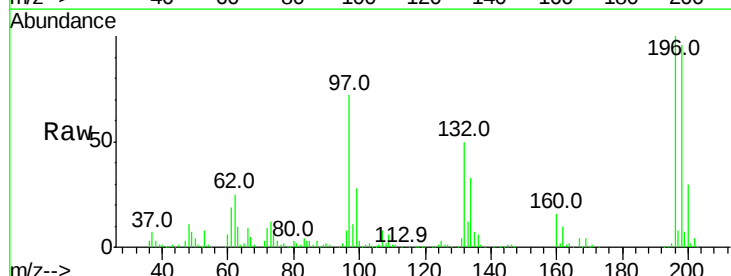
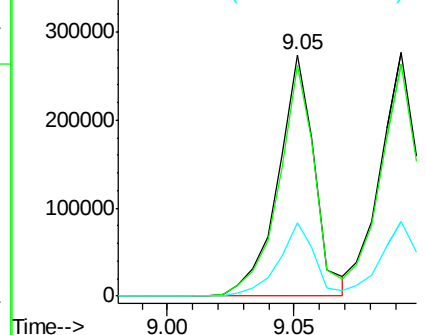
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 41.739 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	74.2	111.4	
200	30.4	24.0	36.0	

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





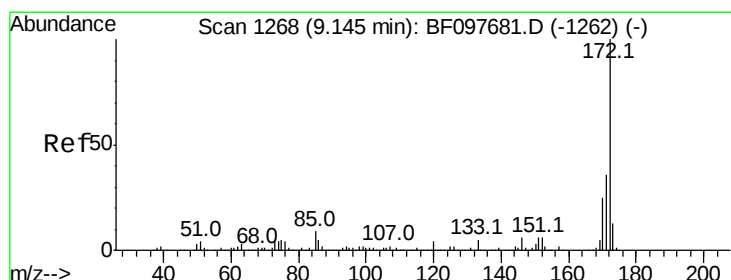
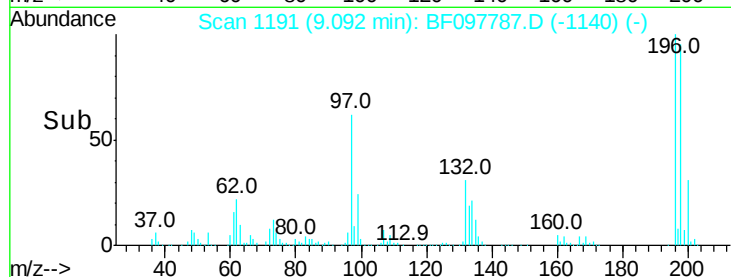
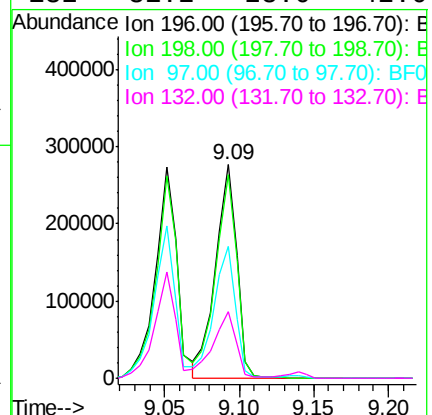
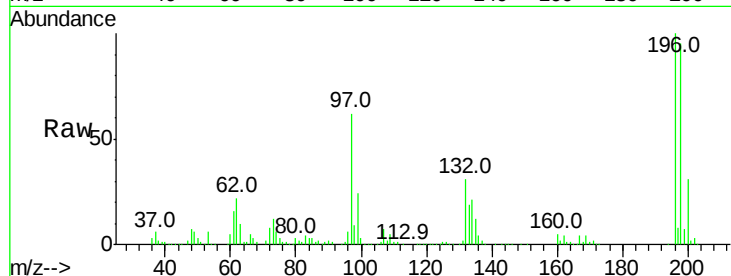
#43
 2,4,5-Trichlorophenol
 Concen: 42.163 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	196	Resp	276075
Ion Ratio	Lower	Upper	
196	100		
198	95.3	75.7	113.5
97	61.6	47.7	71.5
132	31.2	28.0	42.0

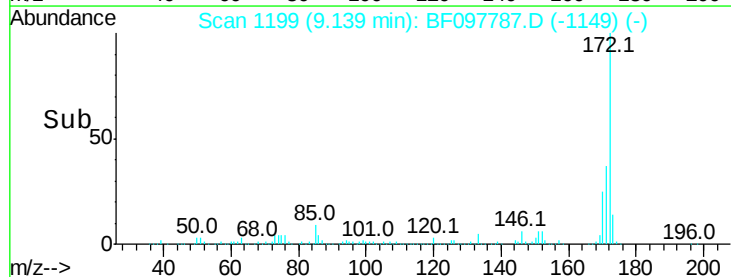
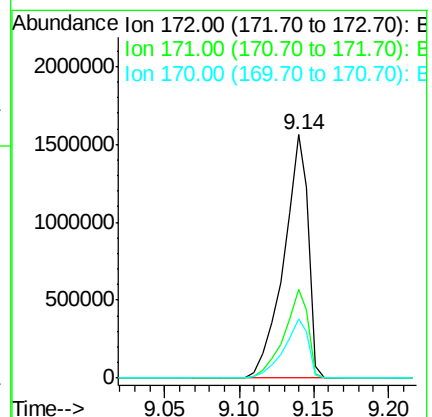
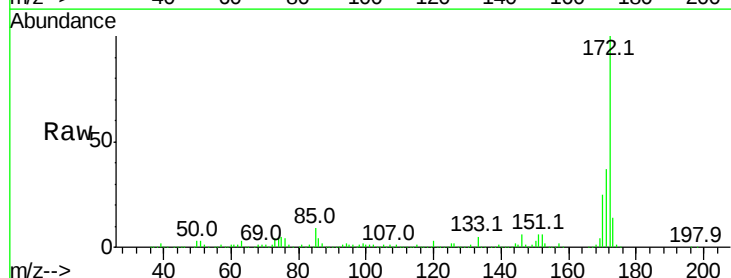
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 82.486 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	172	Resp	1798447
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.6	44.4
170	24.5	19.8	29.8





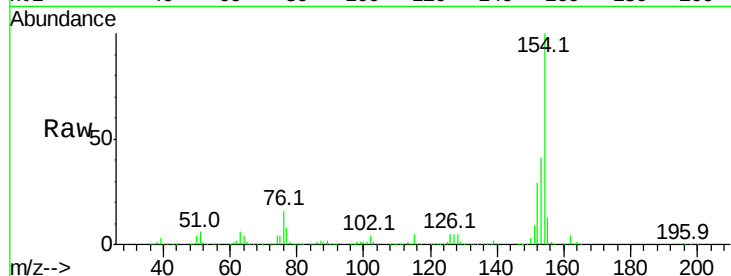
#45
 1,1'-Biphenyl
 Concen: 37.678 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	16.2	0.0	29.9

Manual Integrations
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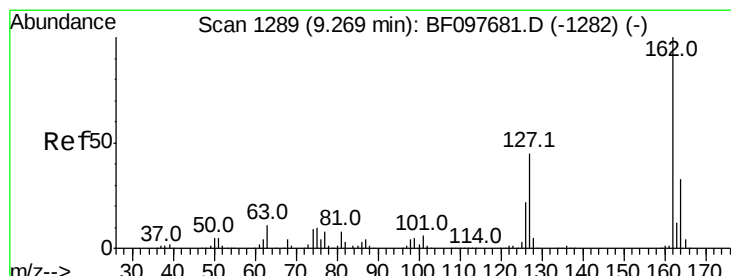
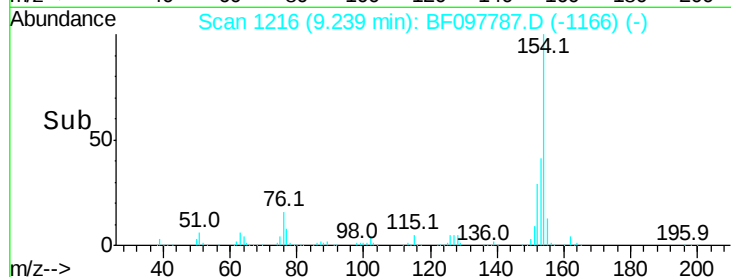
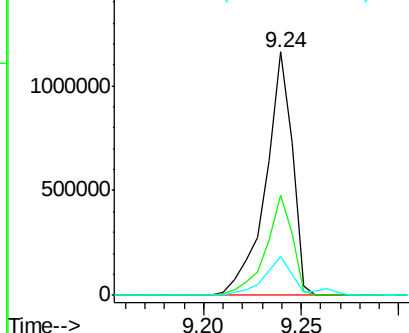


Abundance

Ion 154.00 (153.70 to 154.70): E

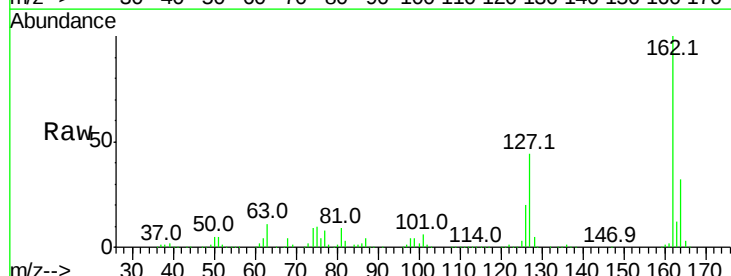
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 37.400 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	28.3	42.5#
164	32.2	27.0	40.4

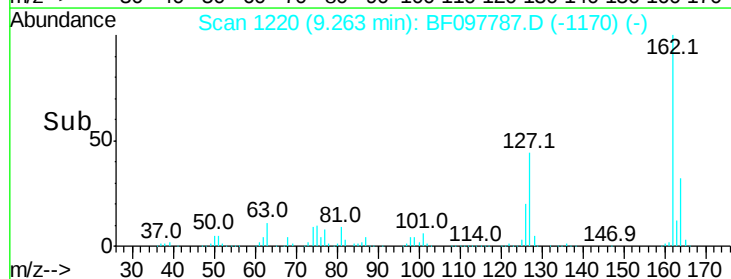
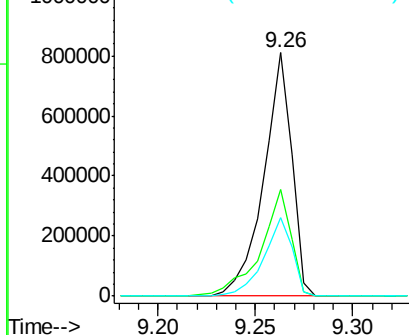


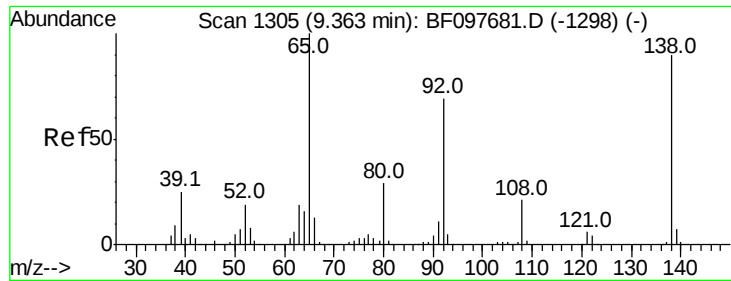
Abundance

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





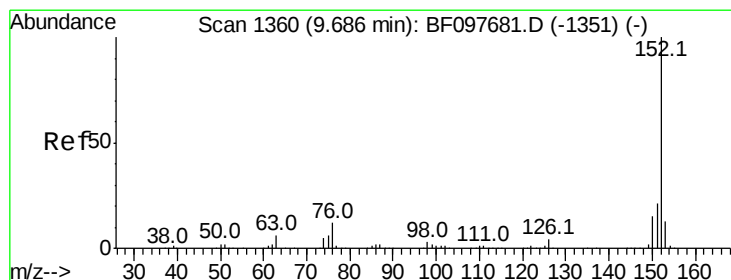
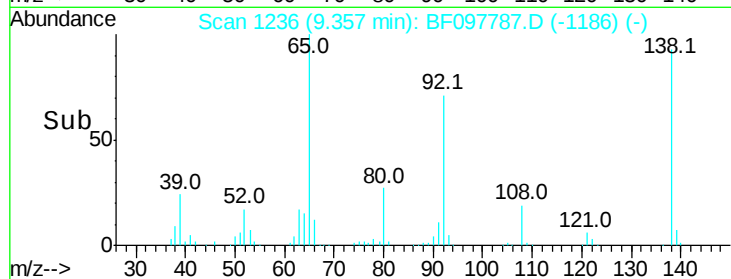
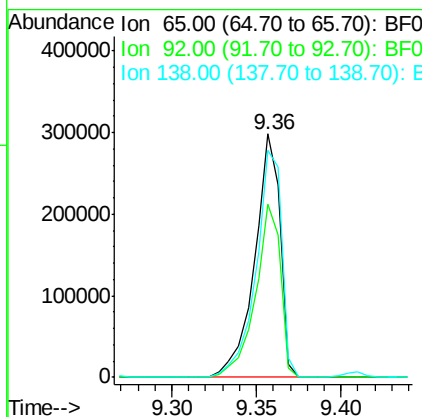
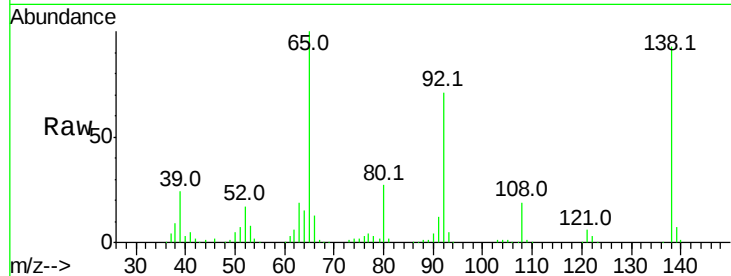
#47
2-Nitroaniline
Concen: 43.269 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.9	80.9
138	93.1	78.8	118.2

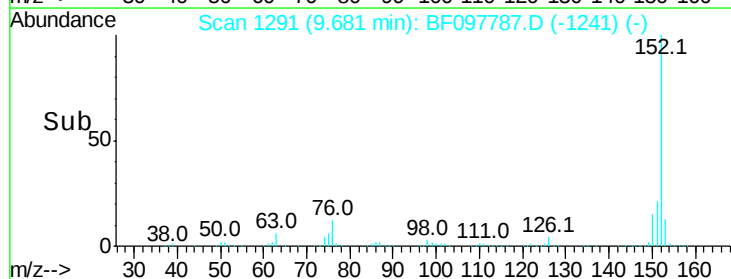
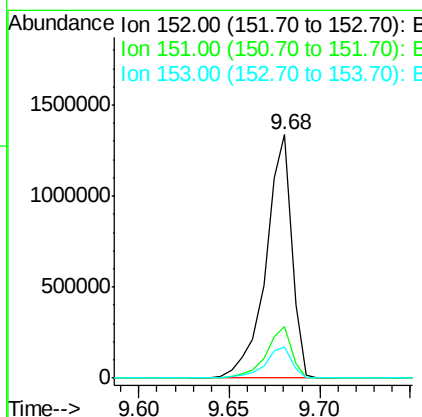
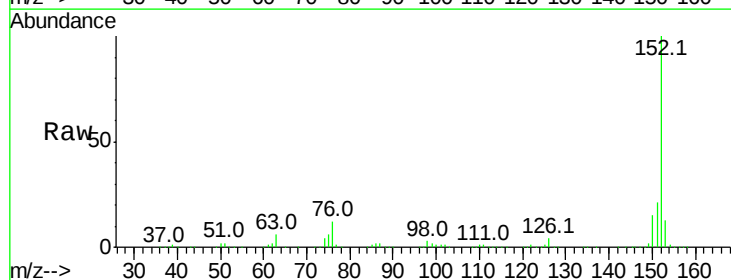
Manual Integrations
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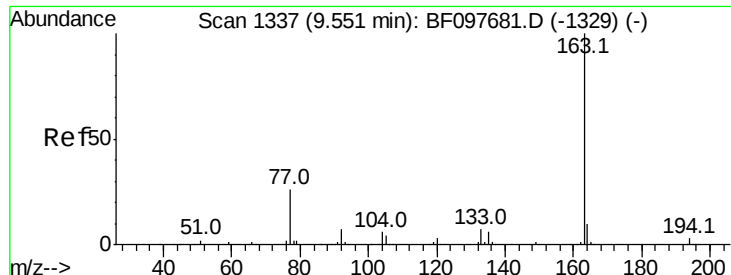
Sohil
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#48
Acenaphthylene
Concen: 38.958 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2
153	13.0	10.8	16.2





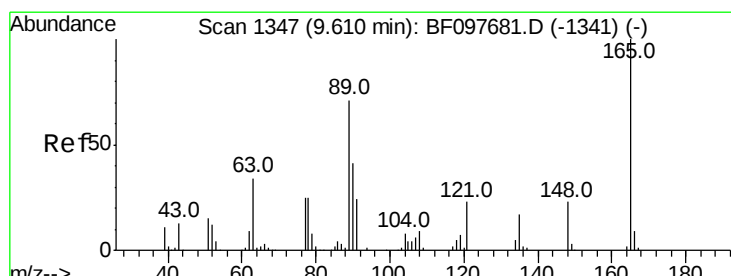
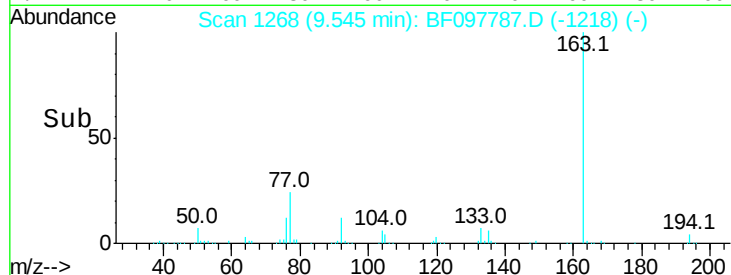
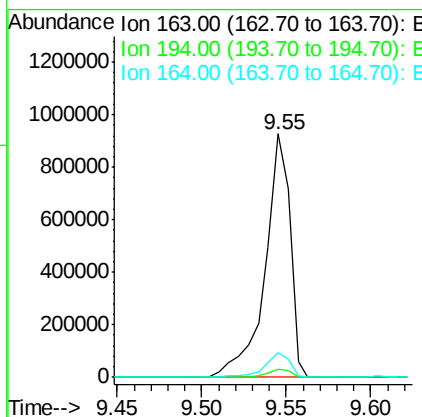
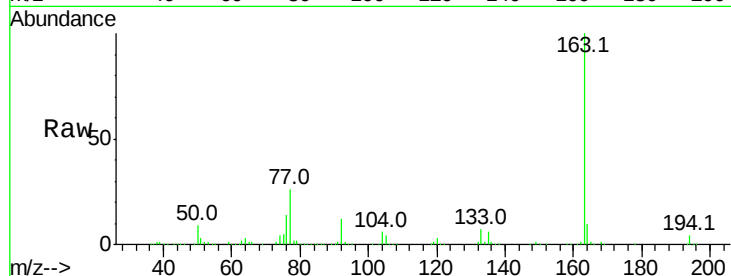
#49
 Dimethylphthalate
 Concen: 40.501 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.6	4.0	
164	10.2	8.4	12.6	

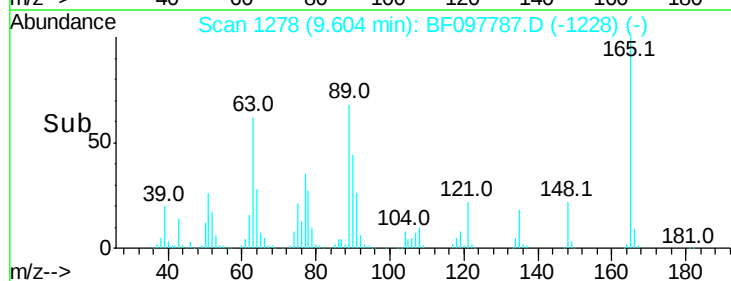
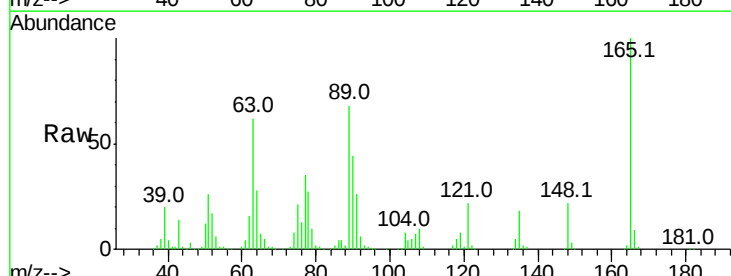
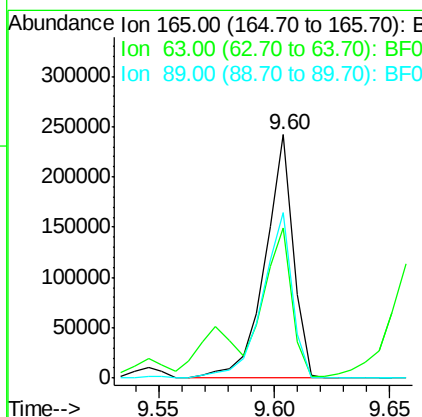
Manual Integrations
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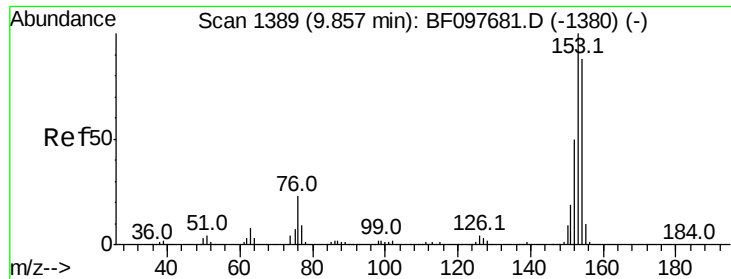
Sohil
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#50
 2,6-Dinitrotoluene
 Concen: 44.013 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.7	34.3	51.5#	
89	68.2	37.1	55.7#	





#51

Acenaphthene

Concen: 37.569 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

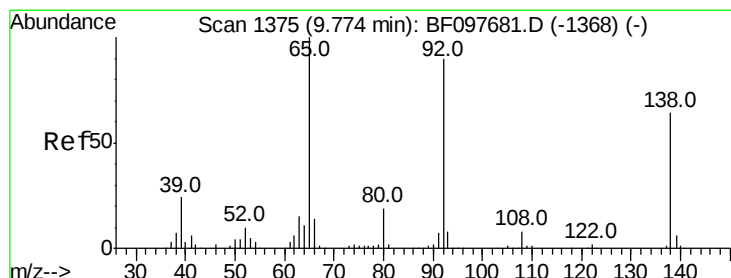
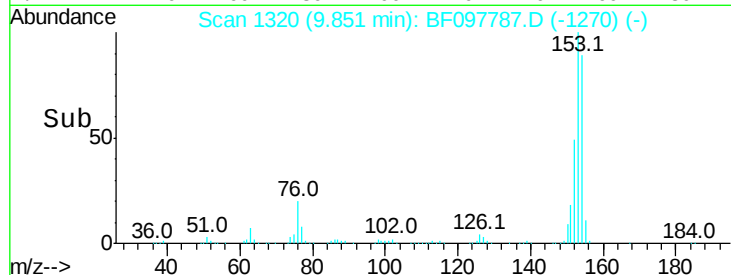
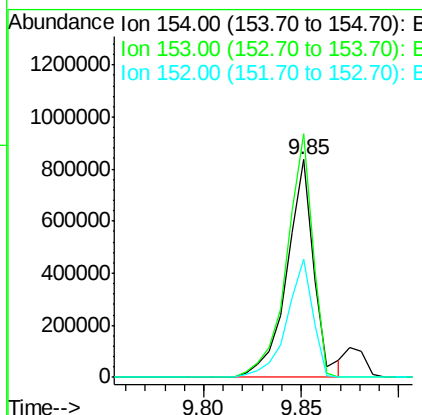
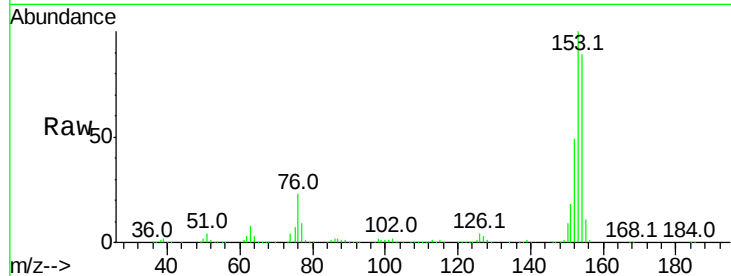
ClientSampleId :

PB101441BS

Tot Ion:	154	Resp:	803086
Ion Ratio	Lower	Upper	
154	100		
153	111.9	90.5	135.7
152	54.6	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.668 ng

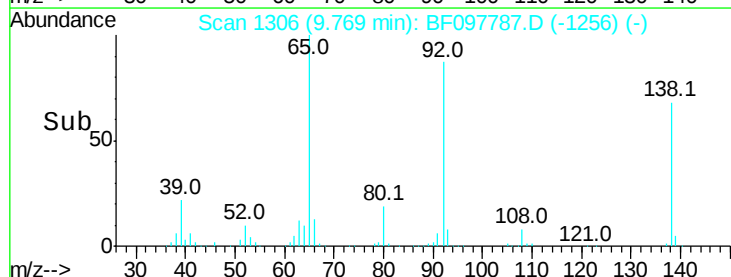
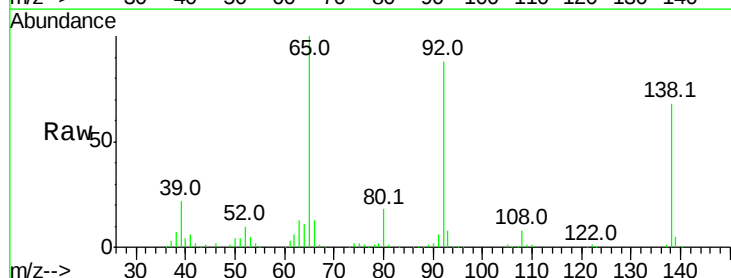
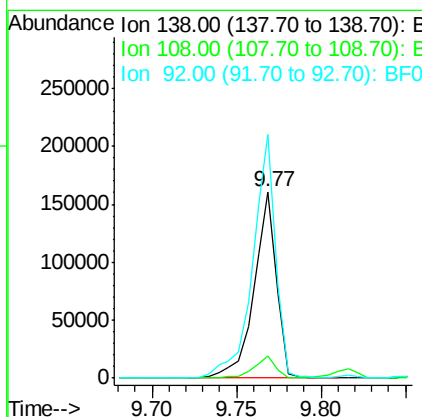
RT: 9.77 min Scan# 1306

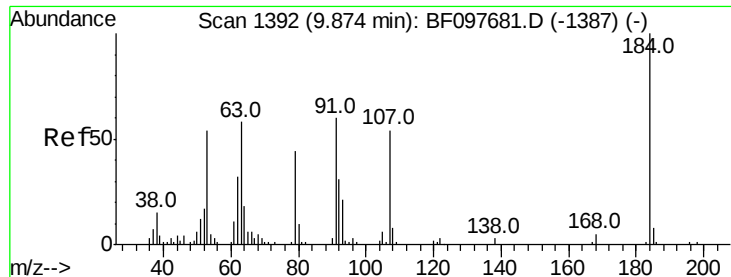
Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:	138	Resp:	148756
Ion Ratio	Lower	Upper	
138	100		
108	11.6	9.1	13.7
92	130.5	93.8	140.6





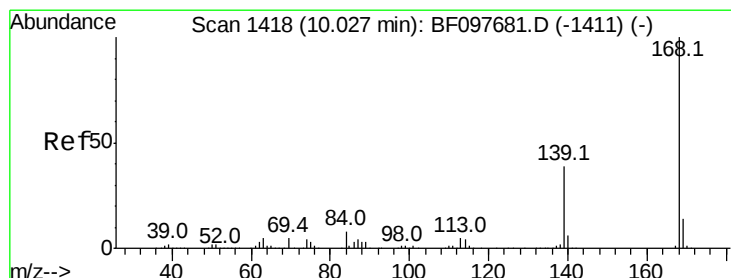
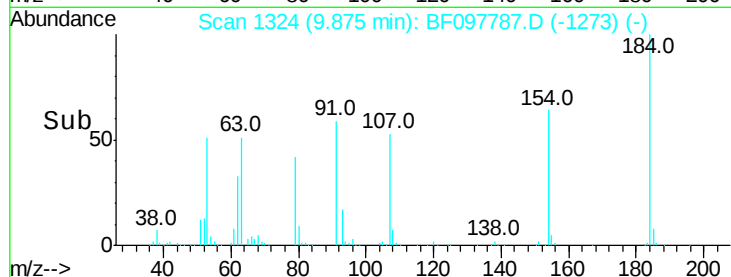
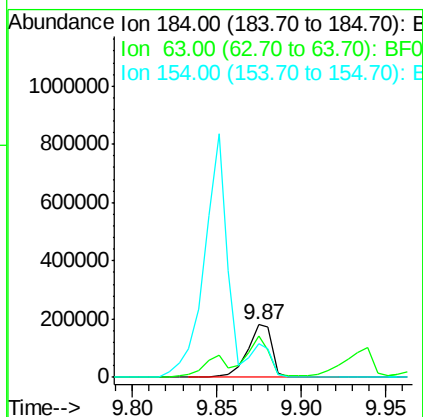
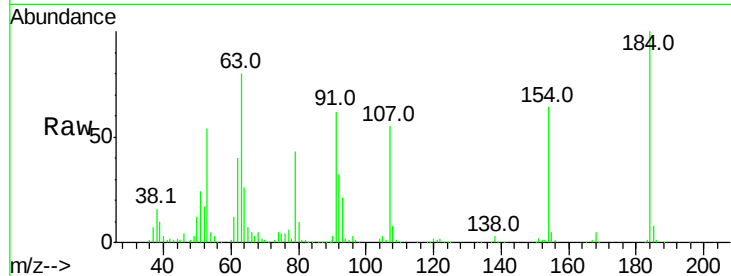
#53
2,4-Dinitrophenol
Concen: 84.264 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	188721		
63	79.7	62.7	94.1	
154	64.0	81.1	121.7#	

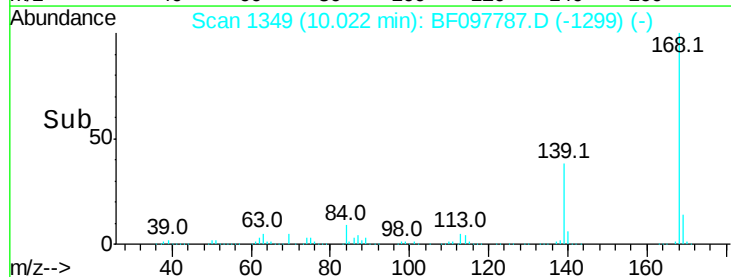
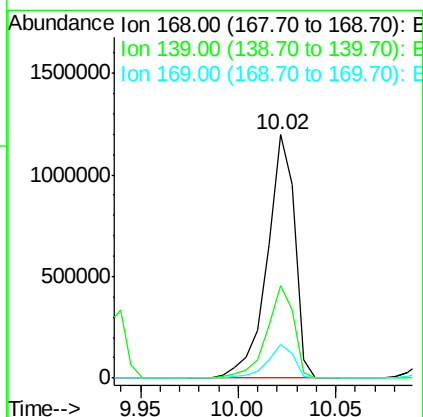
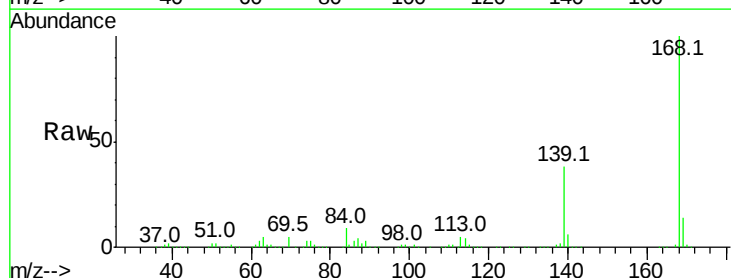
Manual Integrations
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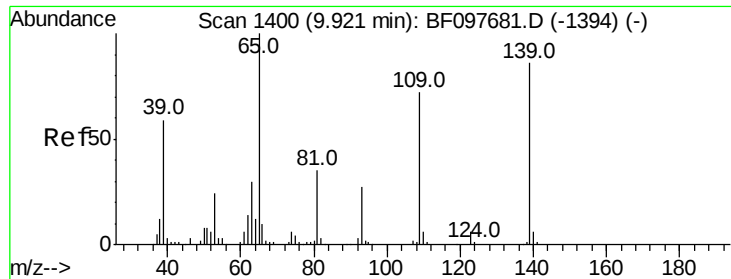
Sohil
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#54
Dibenzofuran
Concen: 40.724 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1166709		
139	37.9	30.6	45.8	
169	13.7	10.8	16.2	





#55

4-Nitrophenol

Concen: 78.794 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:139 Resp: 379030

Ion Ratio Lower Upper

139 100

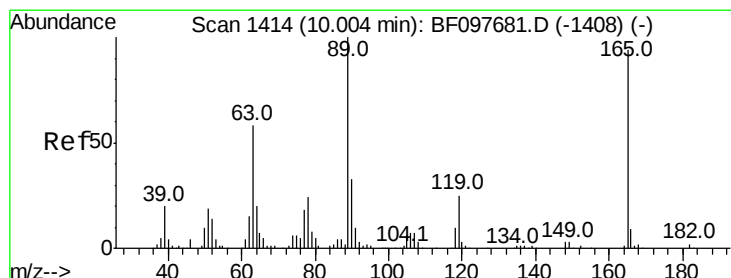
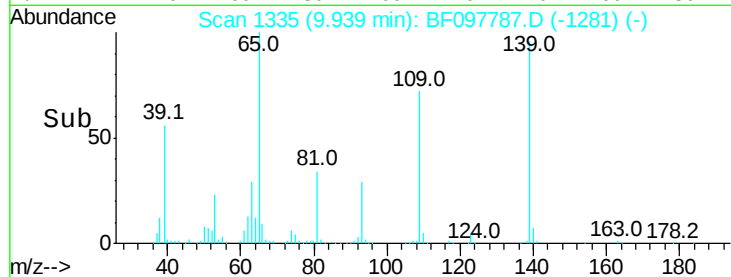
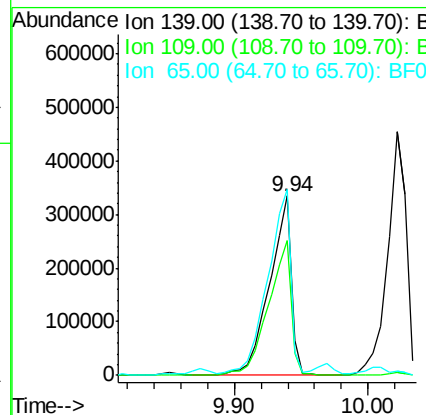
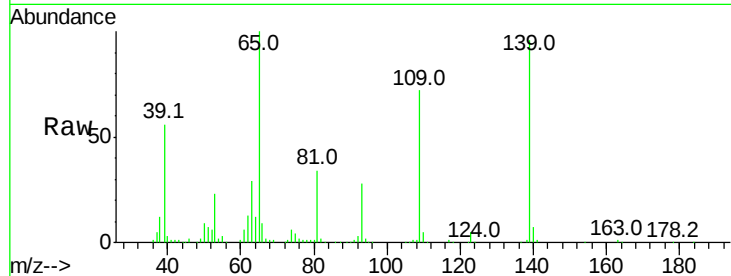
109 75.4 34.1 74.1#

65 104.2 31.4 71.4#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 46.911 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:165 Resp: 275158

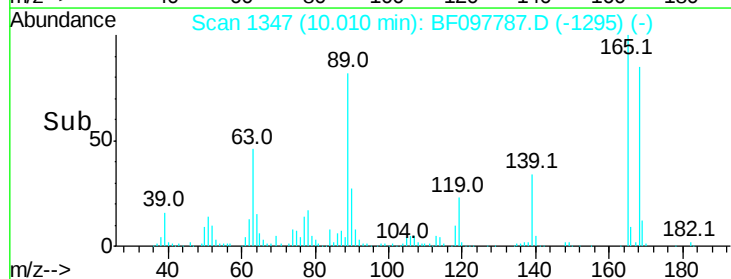
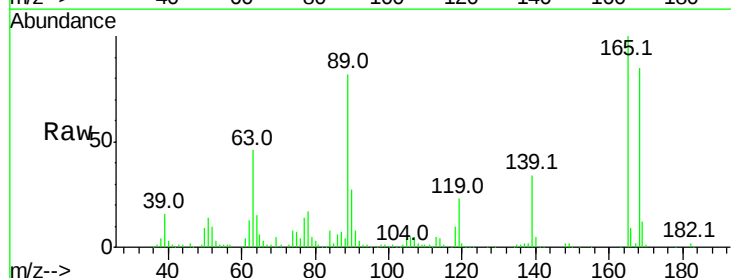
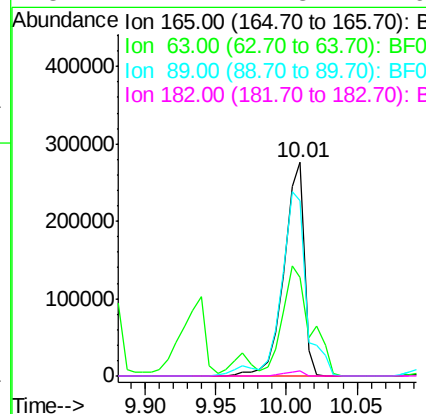
Ion Ratio Lower Upper

165 100

63 46.3 25.4 38.0#

89 81.9 46.4 69.6#

182 2.4 1.8 2.6





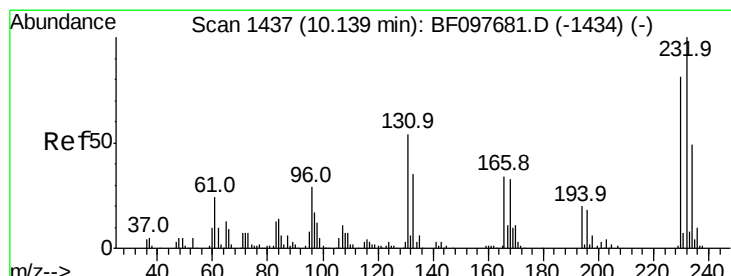
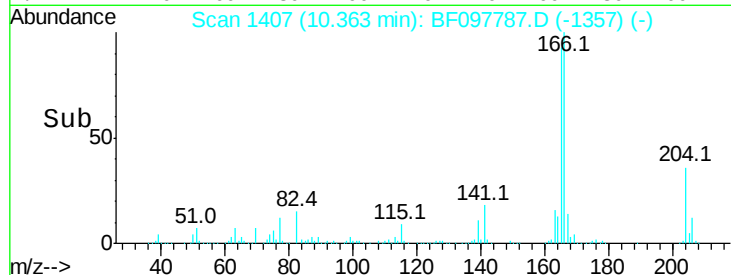
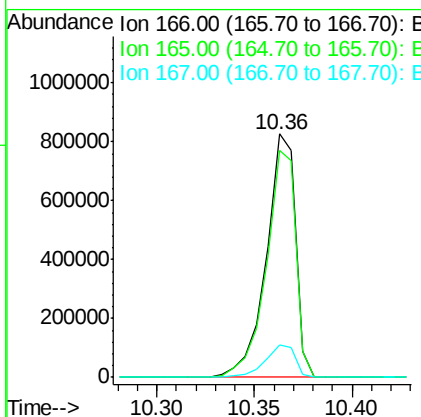
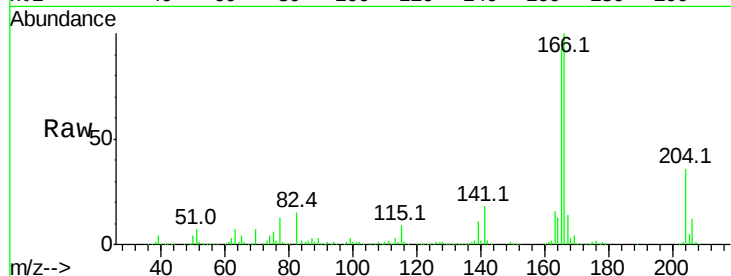
#57
Fluorene
 Concen: 38.651 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion:	166	Resp:	856111
Ion Ratio	Lower	Upper	
166	100		
165	93.4	78.8	118.2
167	13.6	10.6	16.0

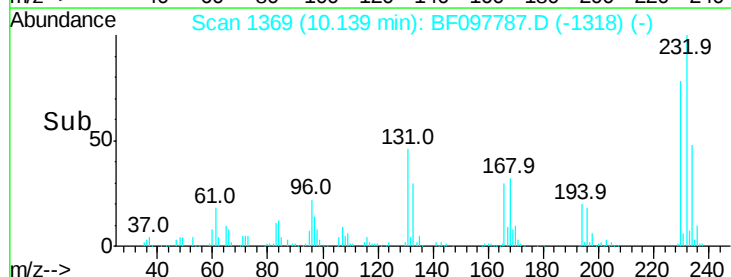
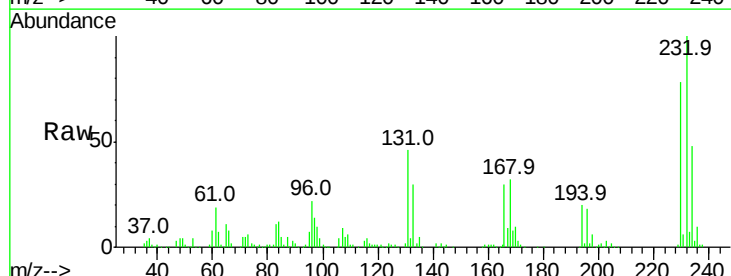
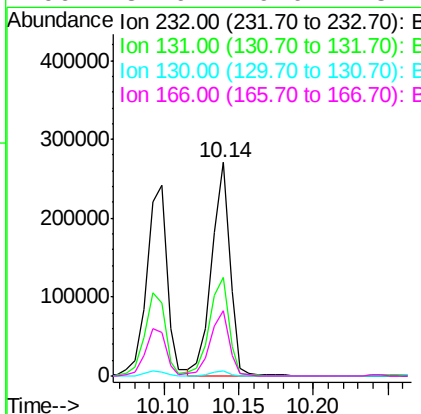
Manual Integrations
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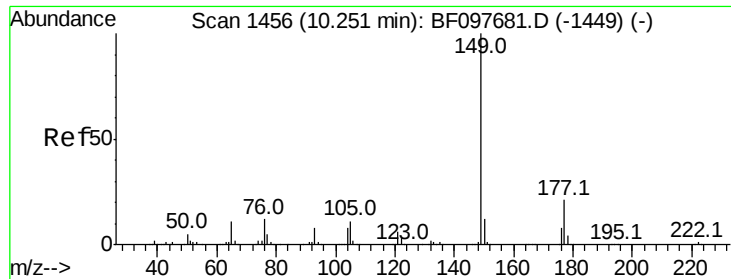
Sohil
 8/18/2017 7:03:32 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.315 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:	232	Resp:	229727
Ion Ratio	Lower	Upper	
232	100		
131	50.3	44.8	67.2
130	2.5	2.3	3.5
166	31.9	29.0	43.4





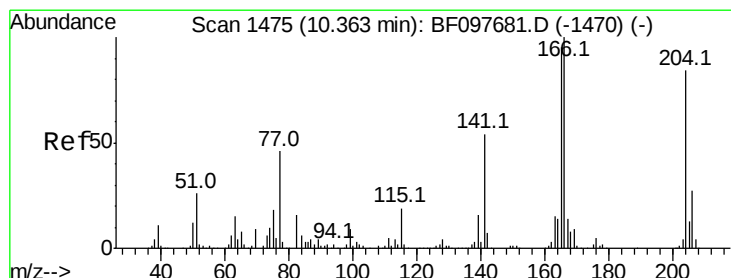
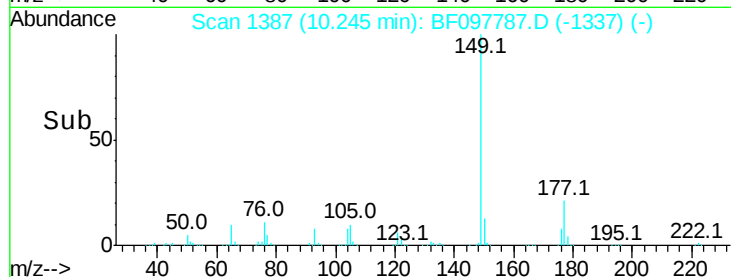
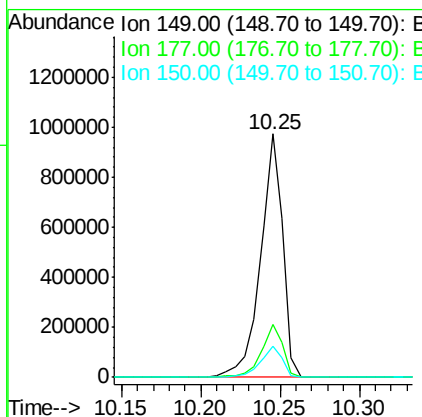
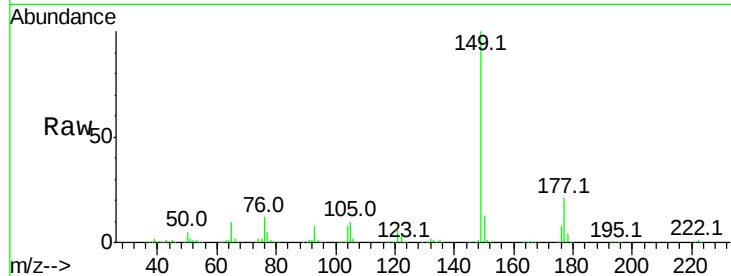
#59
Diethylphthalate
Concen: 38.705 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	947735		
177	21.5	16.7	25.1	
150	12.6	10.2	15.2	

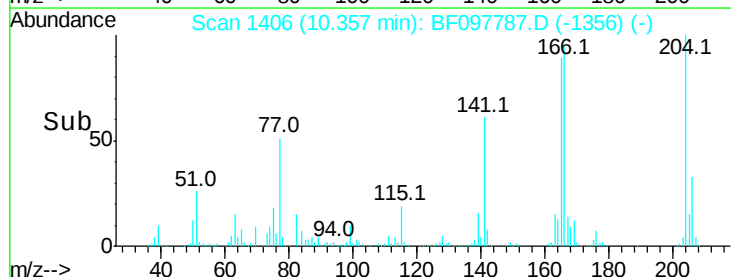
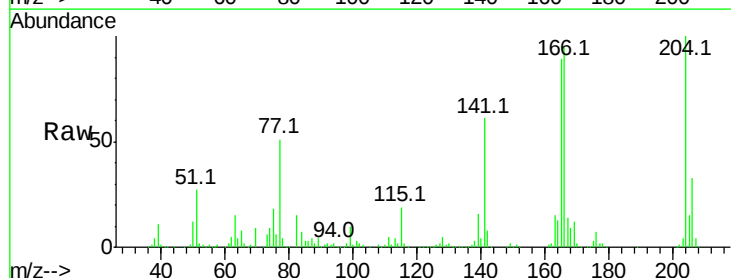
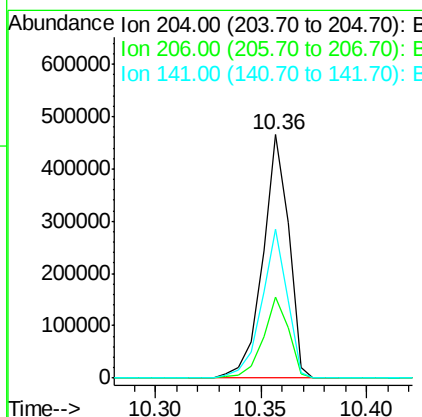
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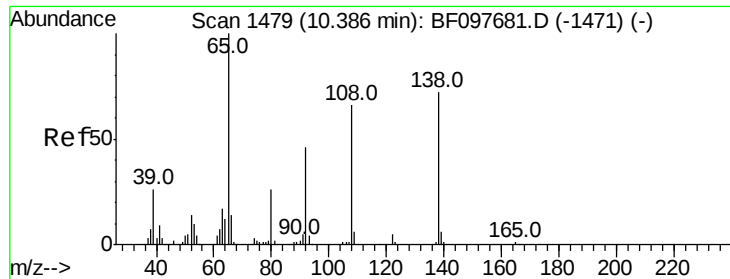
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 38.726 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	398497		
206	33.5	26.2	39.2	
141	61.2	60.8	91.2	





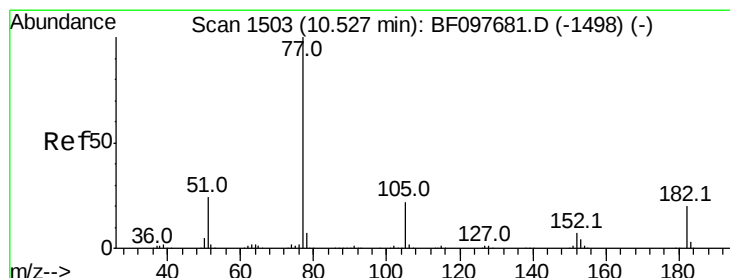
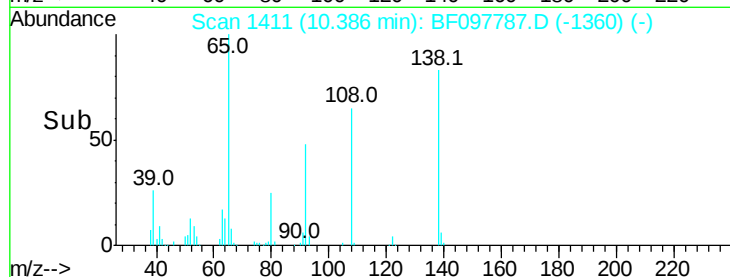
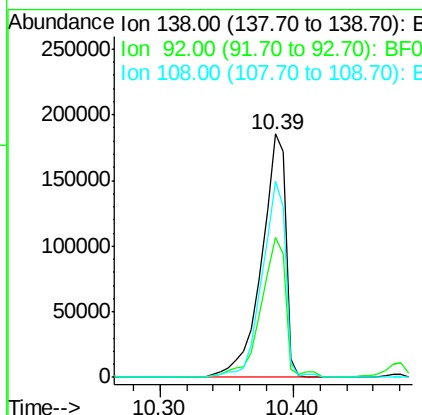
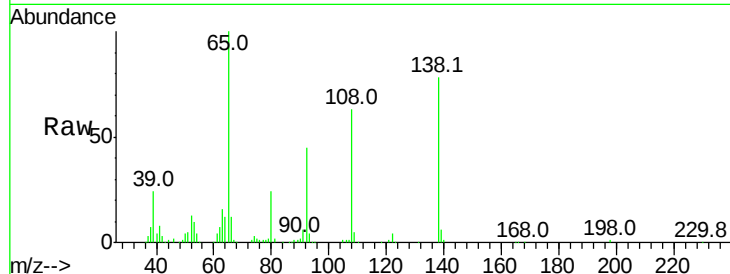
#61
4-Nitroaniline
Concen: 40.561 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.6	21.8	61.8
108	80.6	42.3	82.3

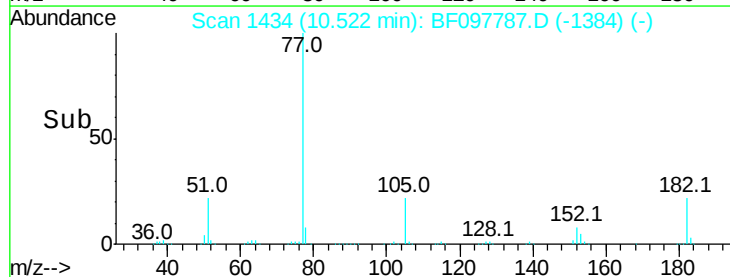
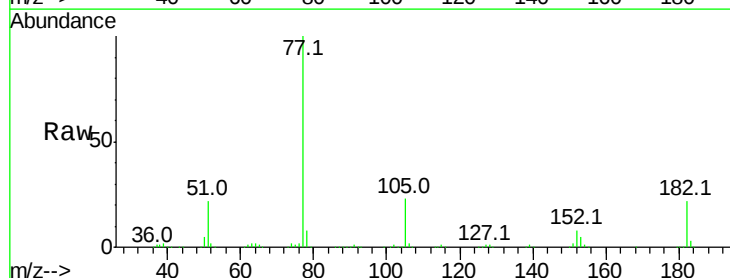
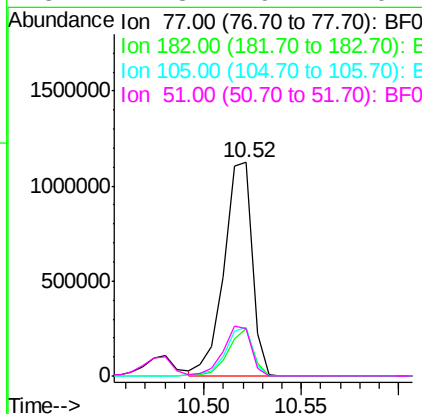
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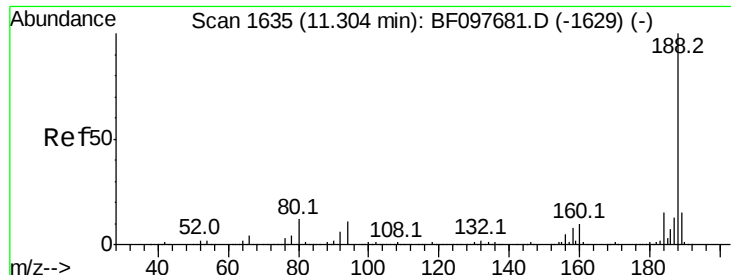
Sohil
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#62
Azobenzene
Concen: 38.746 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	0.1	40.1
105	22.9	3.6	43.6
51	22.3	9.4	49.4





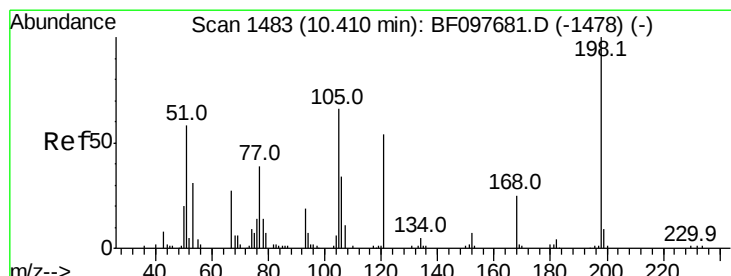
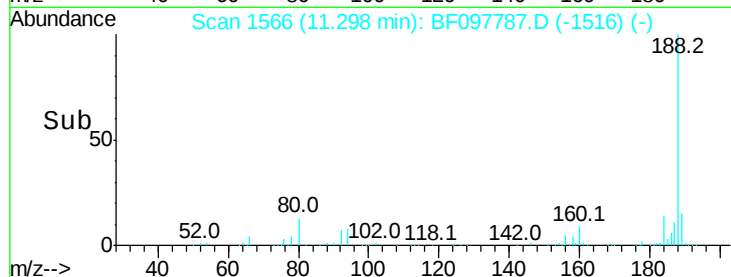
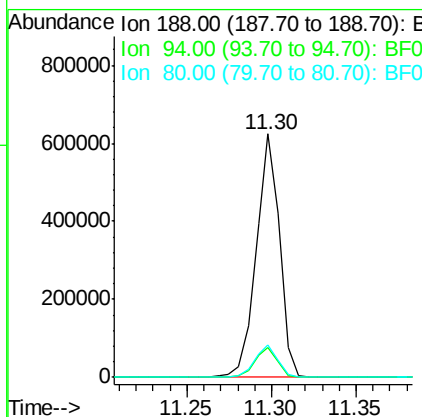
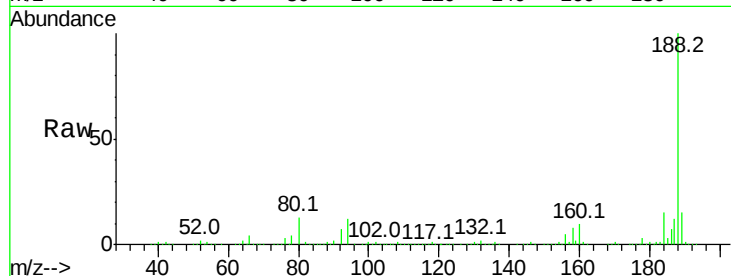
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.2	9.4	14.2	
80	13.1	10.2	15.2	

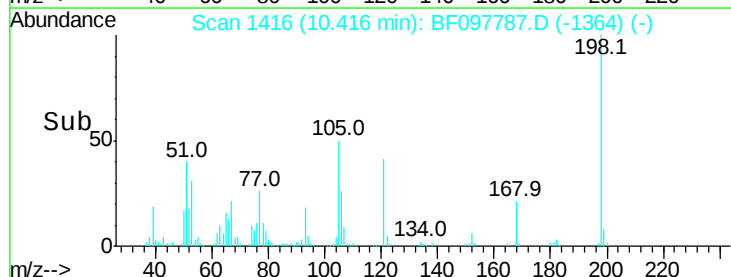
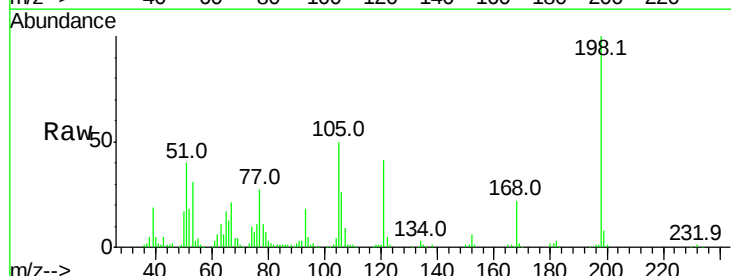
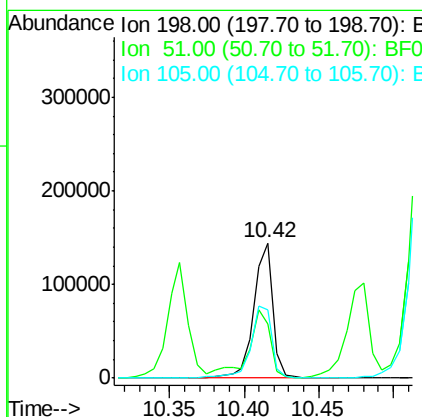
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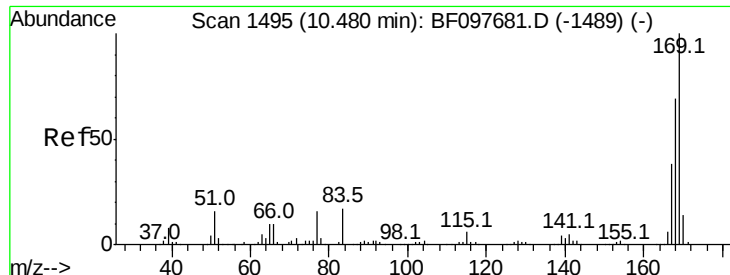
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.081 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	40.4	53.2	93.2#	
105	50.4	45.8	85.8	





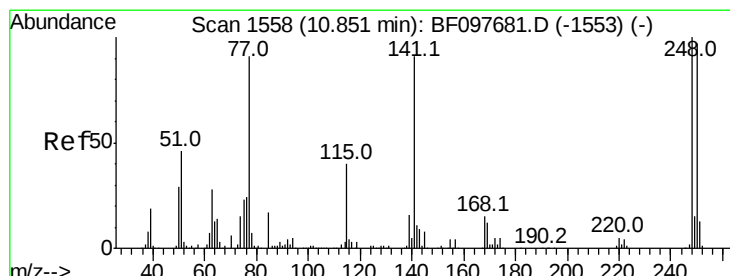
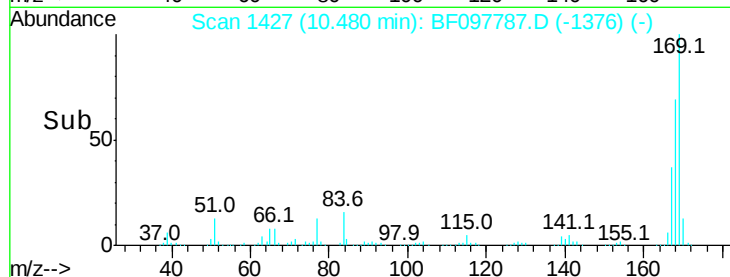
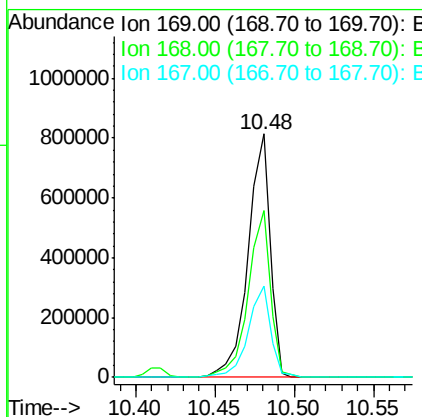
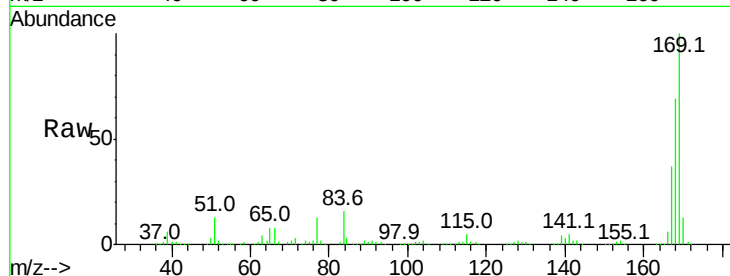
#65
 n-Nitrosodiphenylamine
 Concen: 38.633 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampled :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	789184		
168	68.6	53.2	79.8	
167	37.3	29.5	44.3	

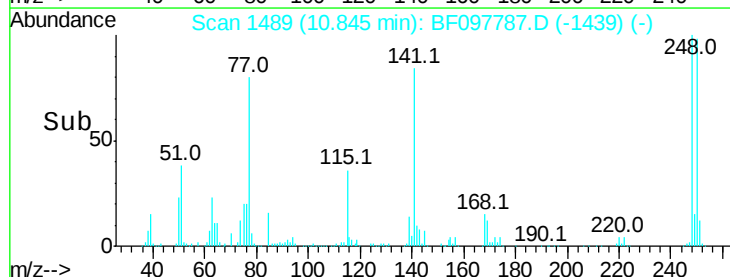
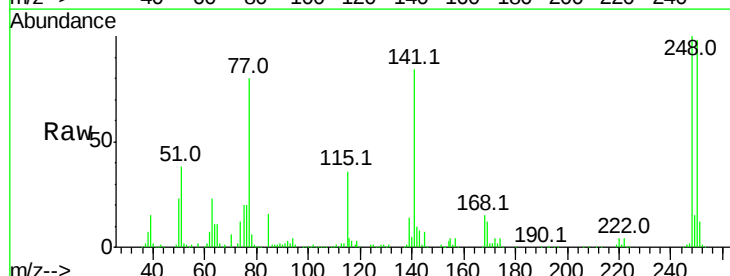
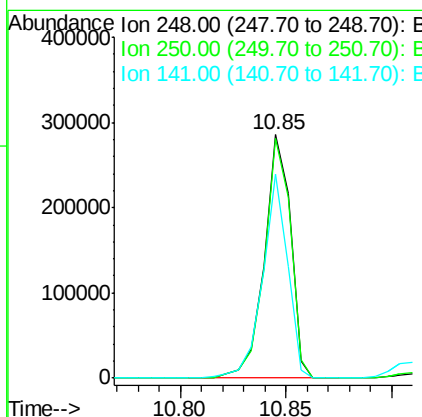
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#66
 4-Bromophenyl-phenylether
 Concen: 39.879 ng
 RT: 10.85 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	248418		
250	98.3	76.8	115.2	
141	83.7	68.6	103.0	





#67

Hexachlorobenzene

Concen: 39.429 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

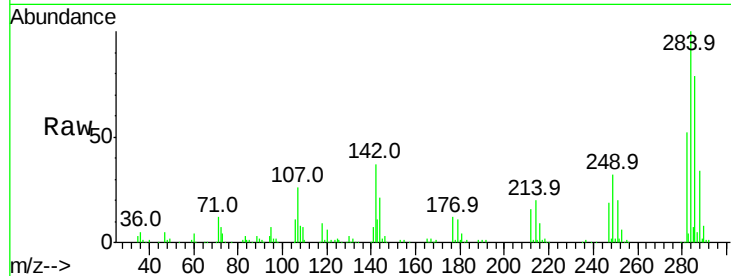
ClientSampleId :

PB101441BS

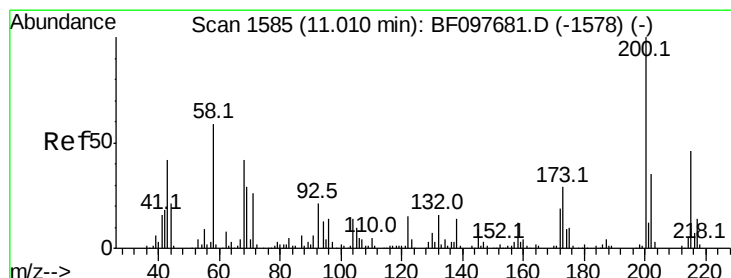
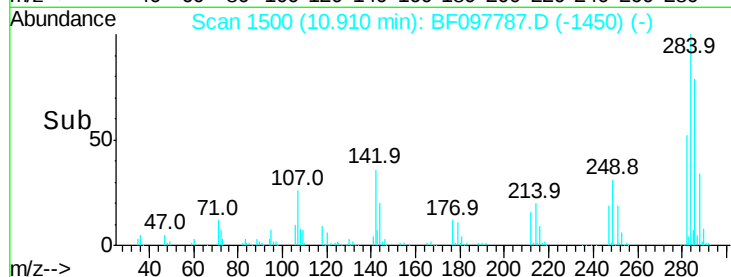
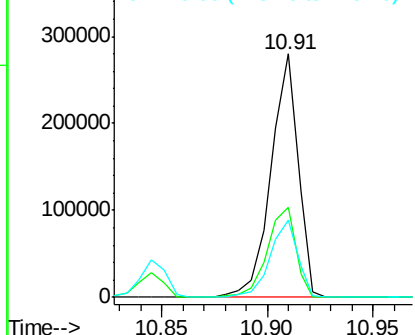
Tot Ion:	284	Resp:	250347
Ion Ratio		Lower	Upper
284	100		
142	36.8	22.8	34.2#
249	31.8	24.0	36.0

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



#68

Atrazine

Concen: 43.901 ng

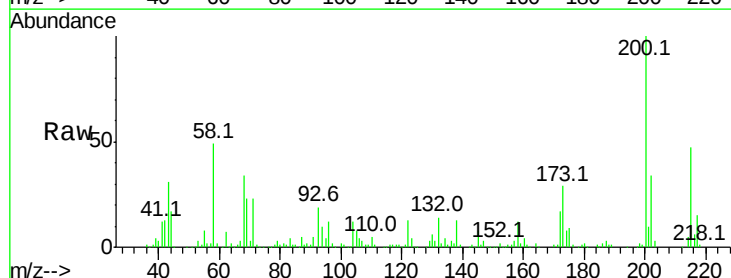
RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

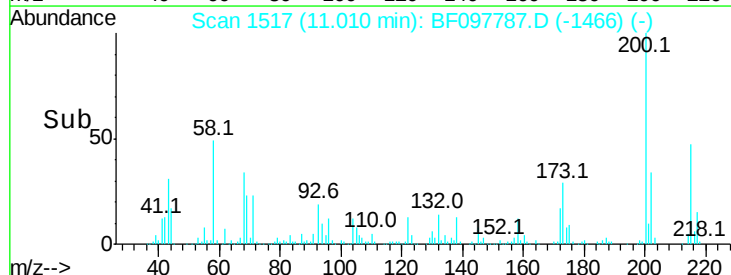
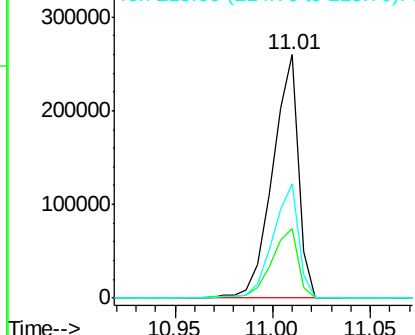
Lab File: BF097787.D

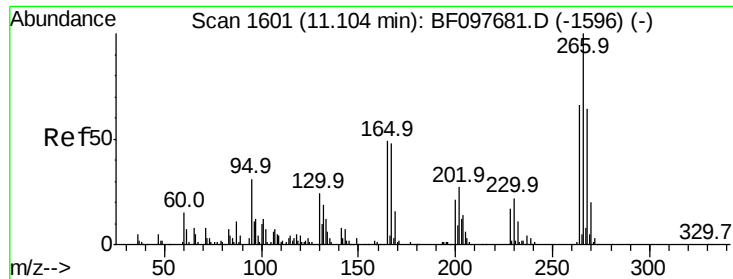
Acq: 17 Aug 2017 15:44

Tgt Ion:	200	Resp:	237832
Ion Ratio		Lower	Upper
200	100		
173	28.6	6.3	46.3
215	47.1	27.2	67.2



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





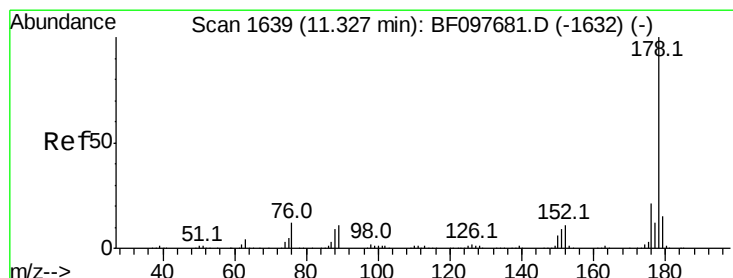
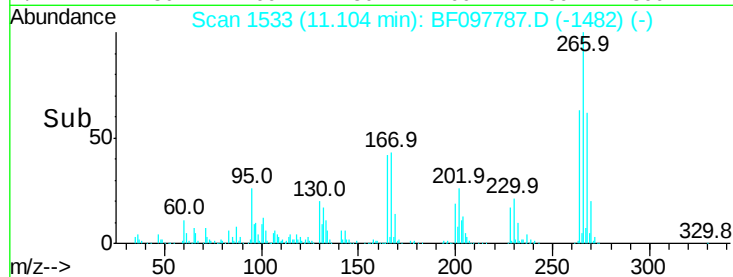
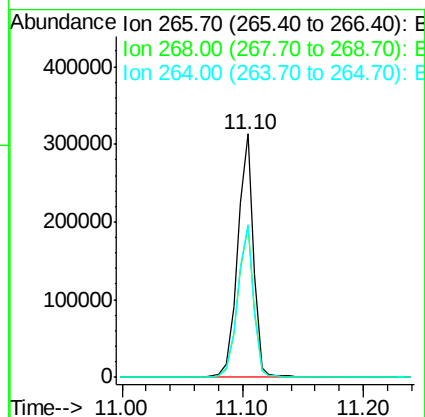
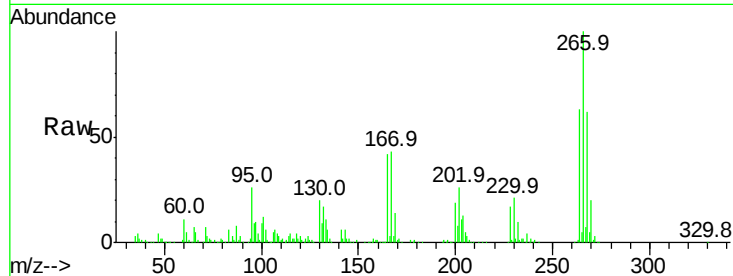
#69
 Pentachlorophenol
 Concen: 77.467 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	286785		
268	62.3		51.1	76.7
264	62.9		51.7	77.5

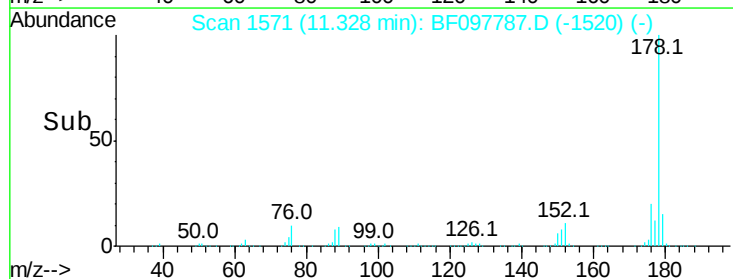
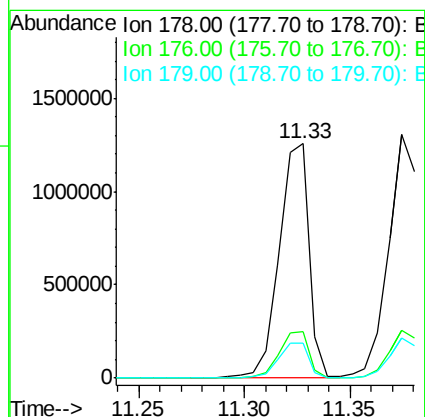
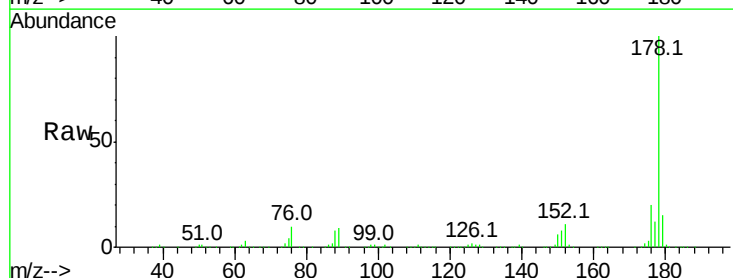
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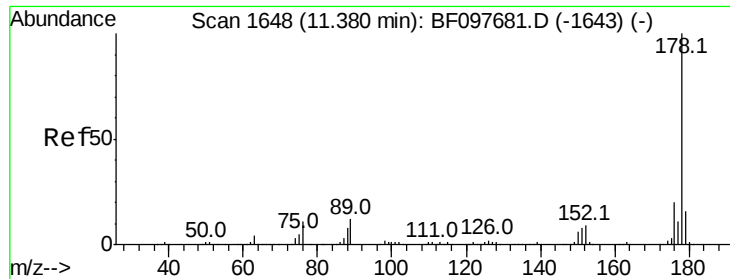
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#70
 Phenanthrene
 Concen: 38.780 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1239632		
176	20.0		16.2	24.4
179	15.2		12.6	19.0





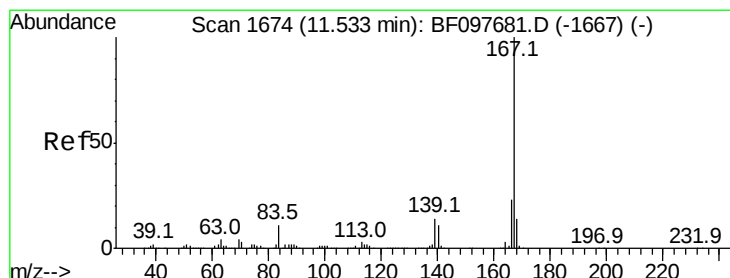
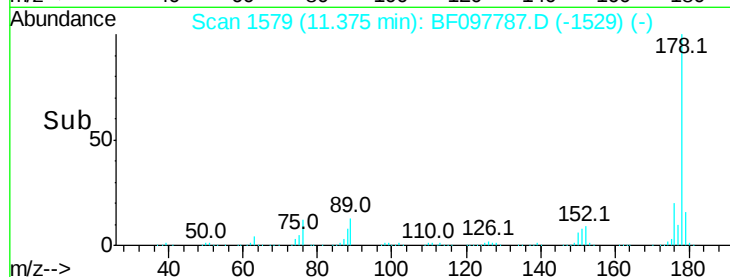
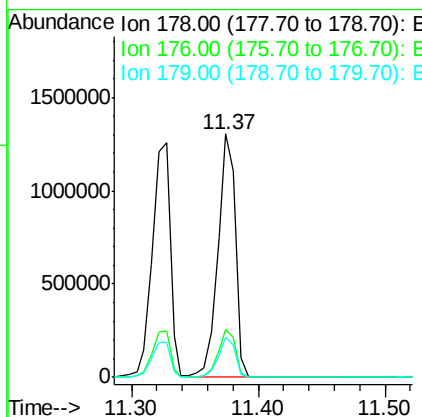
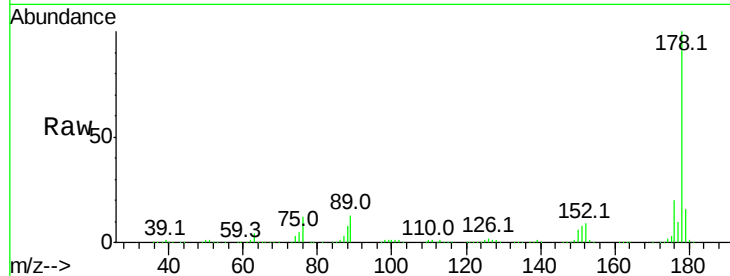
#71
 Anthracene
 Concen: 39.193 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:178 Resp: 1270714
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 16.2 12.7 19.1

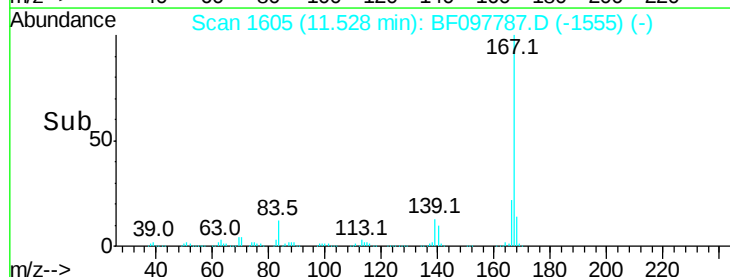
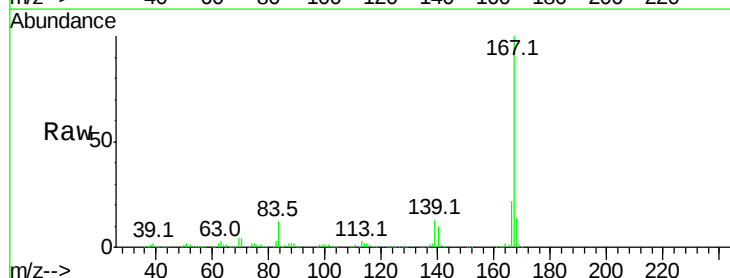
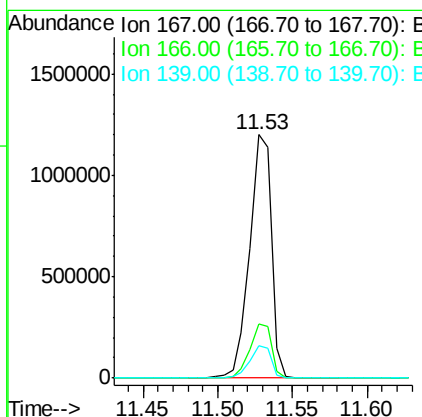
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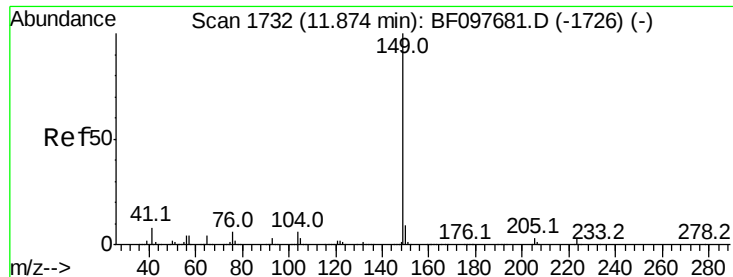
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#72
 Carbazole
 Concen: 39.278 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion:167 Resp: 1208785
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.4 11.7 17.5





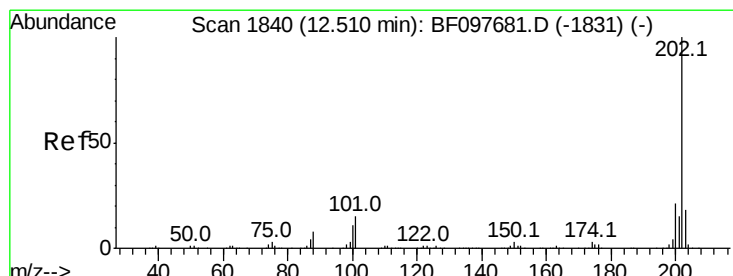
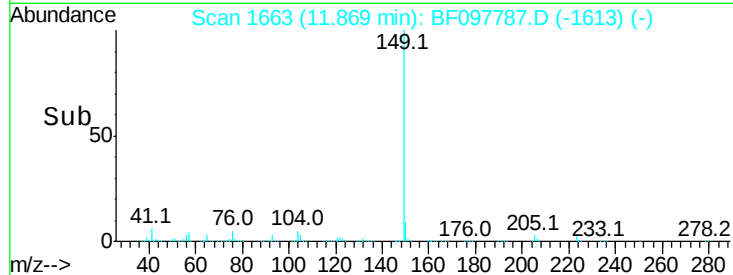
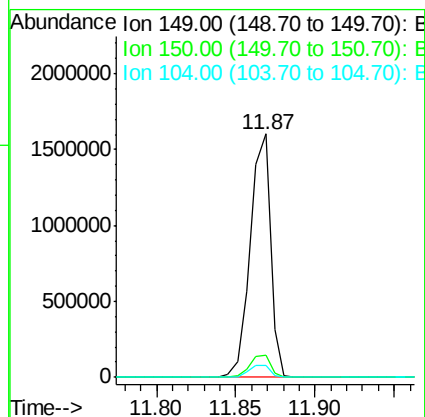
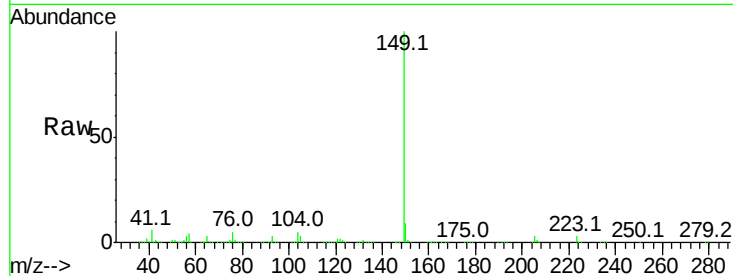
#73
Di-n-butylphthalate
Concen: 40.060 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:149 Resp: 1420093
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 5.1 4.0 6.0

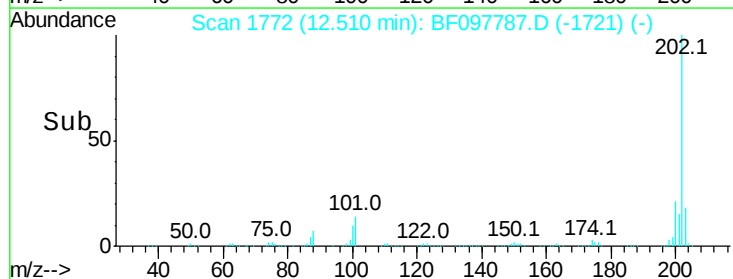
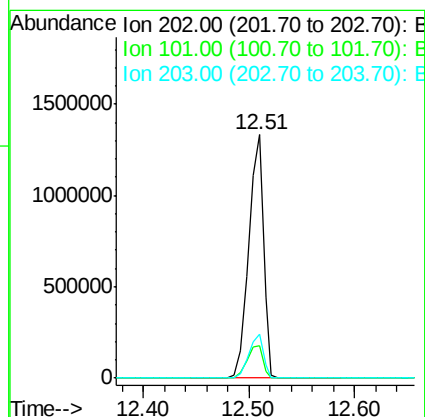
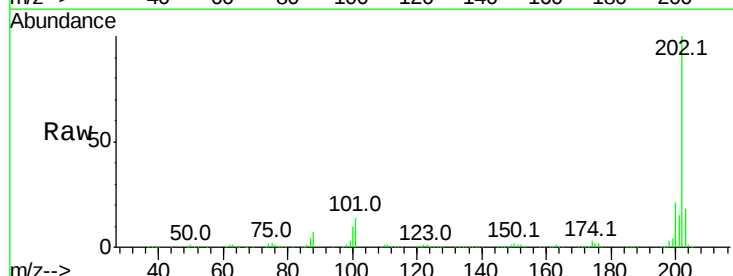
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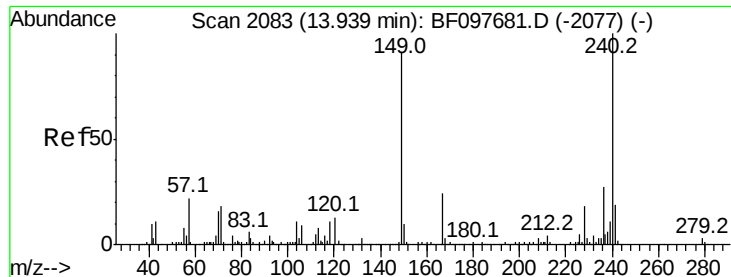
Sohil
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#74
Fluoranthene
Concen: 38.707 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:202 Resp: 1291446
Ion Ratio Lower Upper
202 100
101 13.6 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

ClientSampleId :

PB101441BS

Tot Ion:240 Resp: 442580
Ion Ratio Lower Upper

240 100

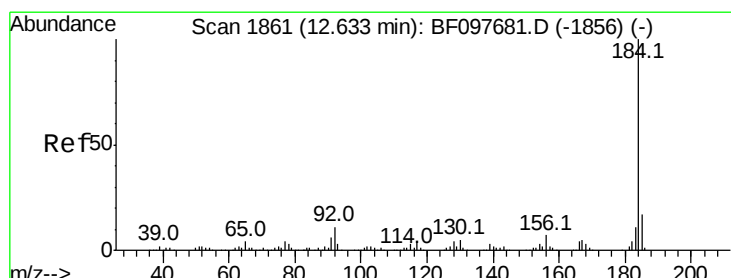
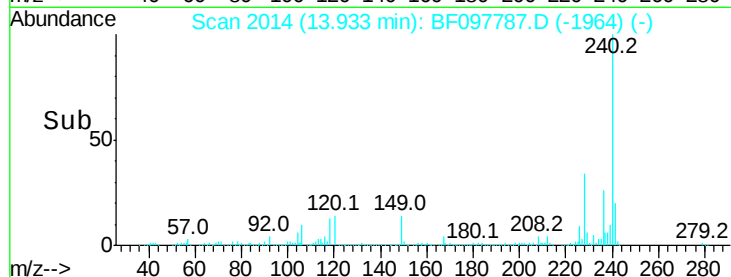
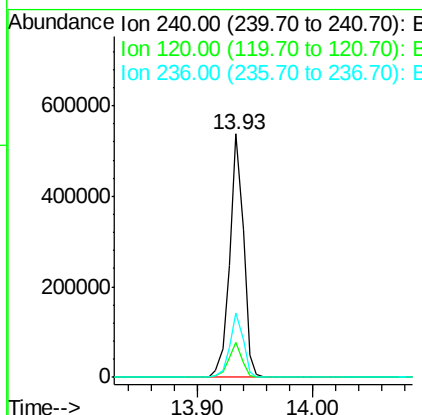
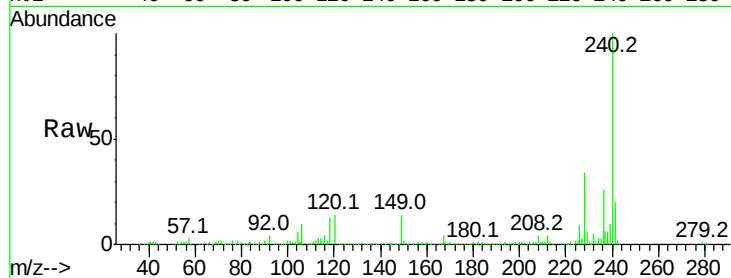
120 14.4 5.8 8.8#

236 26.3 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 33.701 ng m

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097787.D

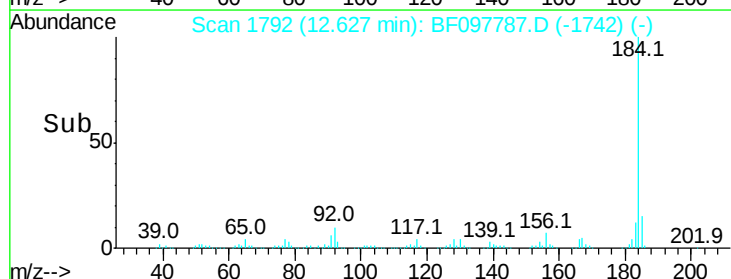
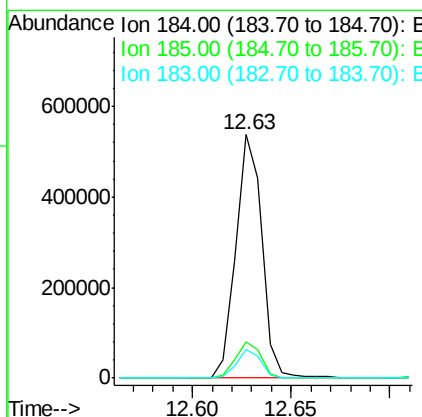
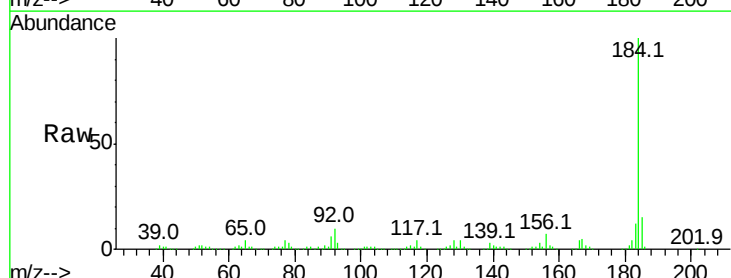
Acq: 17 Aug 2017 15:44

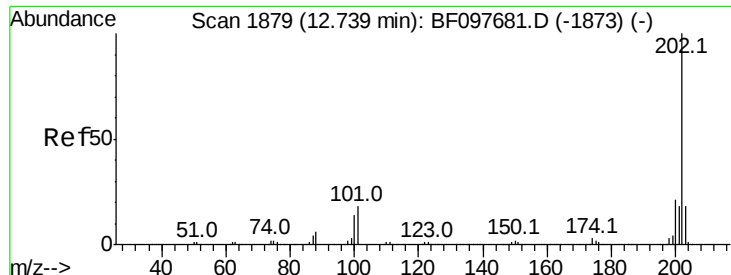
Tgt Ion:184 Resp: 489047
Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

183 11.7 9.8 14.6





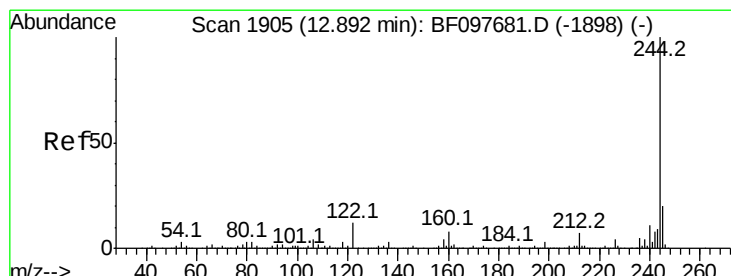
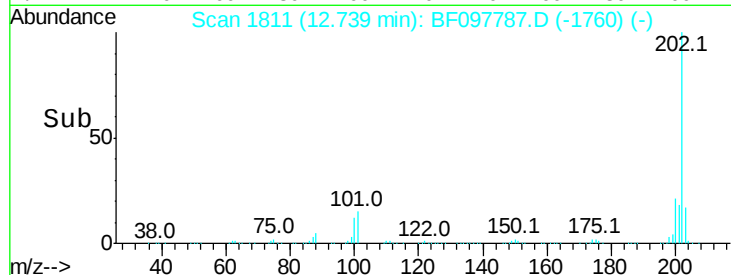
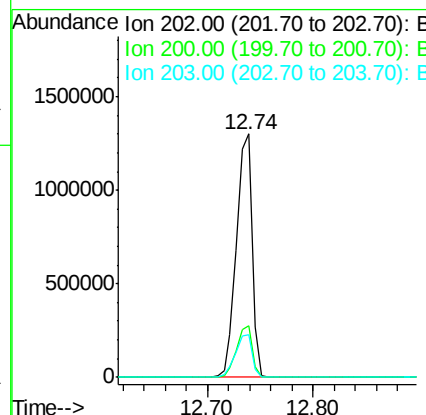
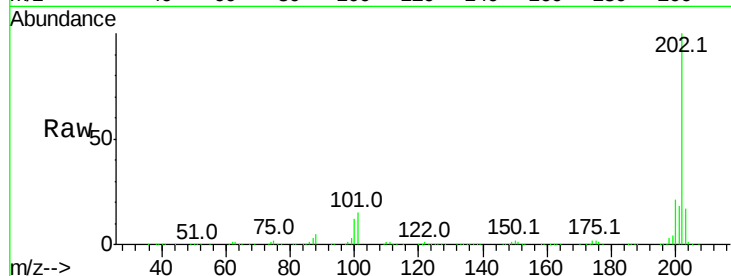
#77
Pvrene
Concen: 36.669 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion:202 Resp: 1327357
Ion Ratio Lower Upper
202 100
200 20.9 17.6 26.4
203 17.4 14.4 21.6

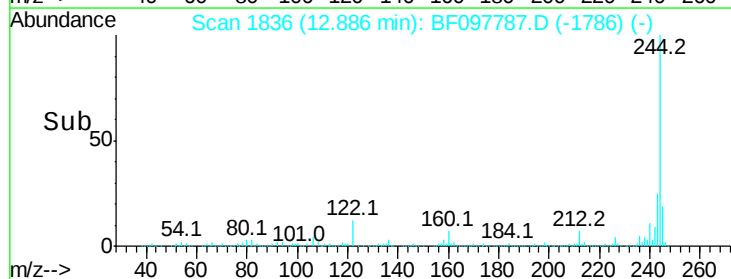
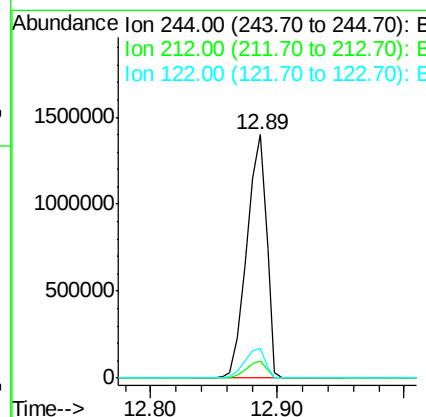
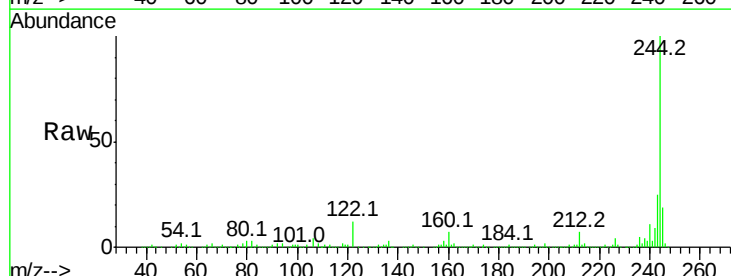
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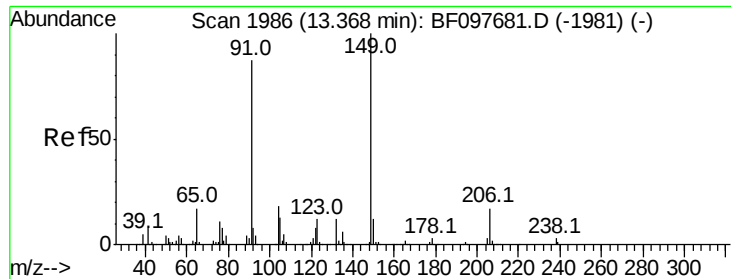
Sohil
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#78
Terphenyl-d14
Concen: 70.718 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion:244 Resp: 1500872
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 12.2 10.3 15.5





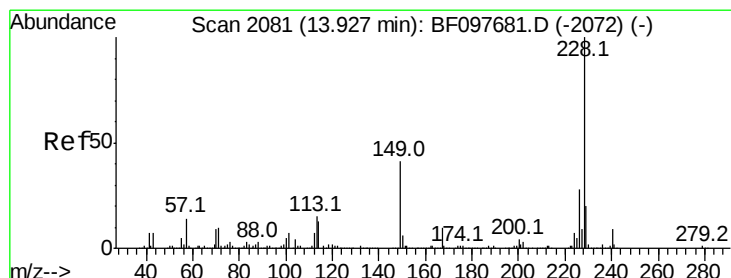
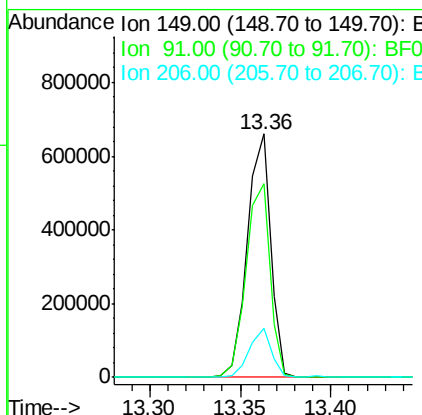
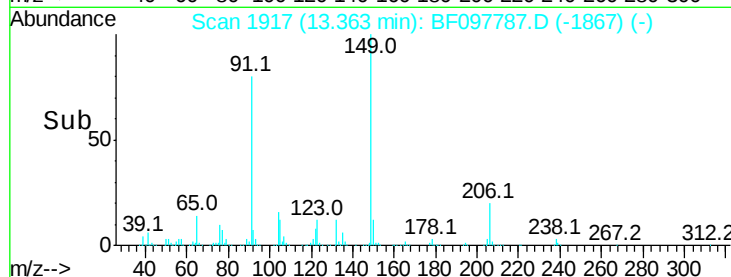
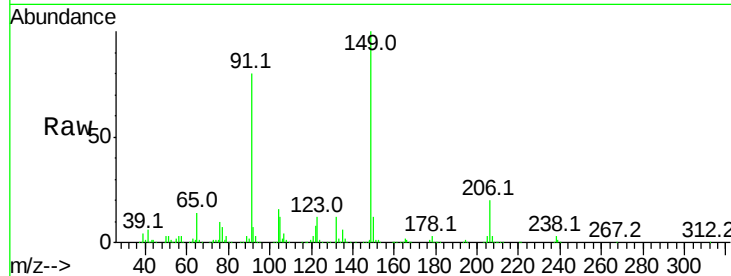
#79
Butylbenzylphthalate
Concen: 42.698 ng
RT: 13.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampleId :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	592573		
91	79.5	45.0	67.4#	
206	20.1	17.0	25.6	

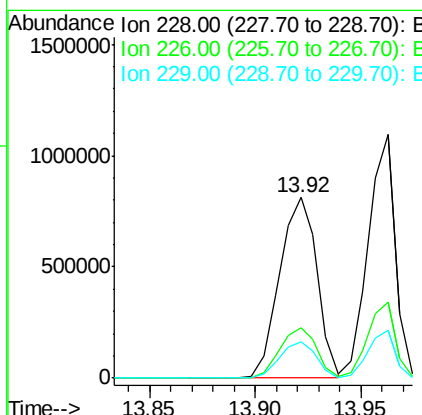
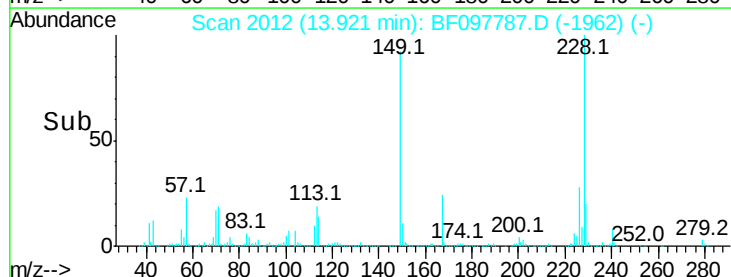
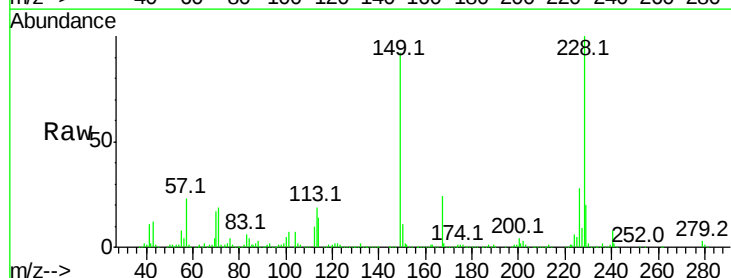
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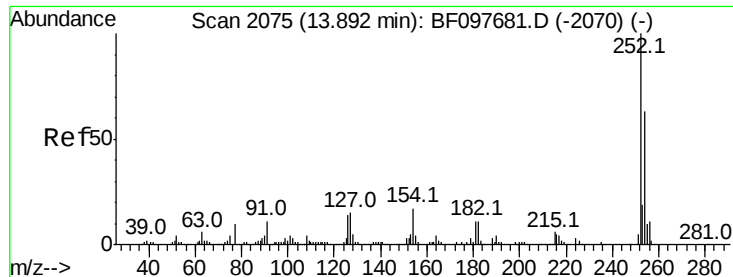
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#80
Benzo(a)anthracene
Concen: 37.665 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	999091		
226	27.7	22.6	33.8	
229	20.0	16.3	24.5	





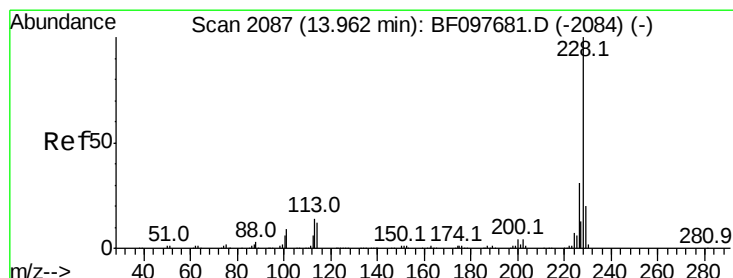
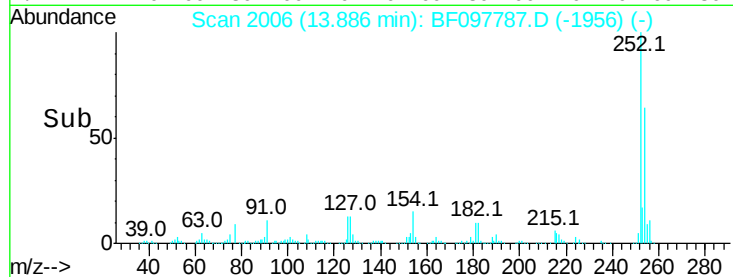
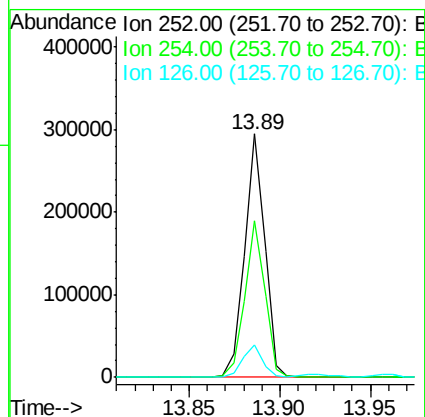
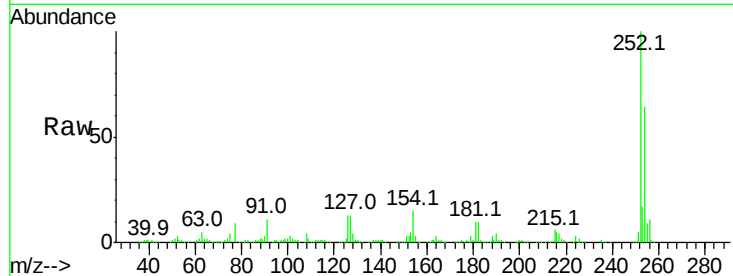
#81
 3,3'-Dichlorobenzidine
 Concen: 25.419 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	51.5	77.3
126	13.1	15.8	23.8

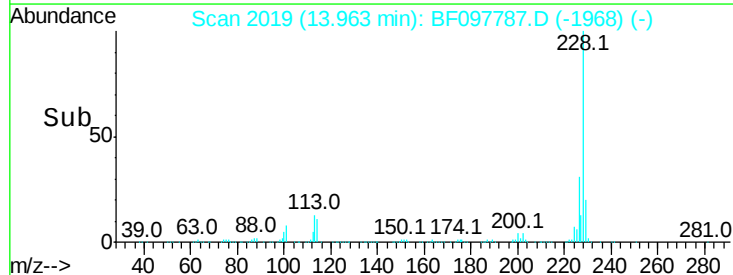
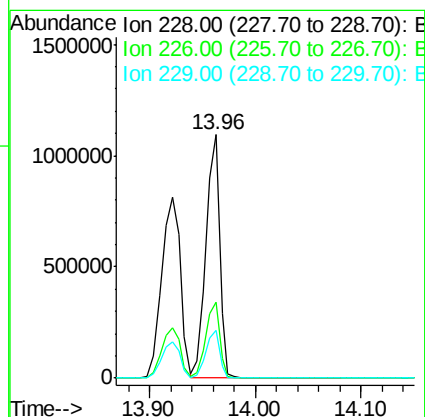
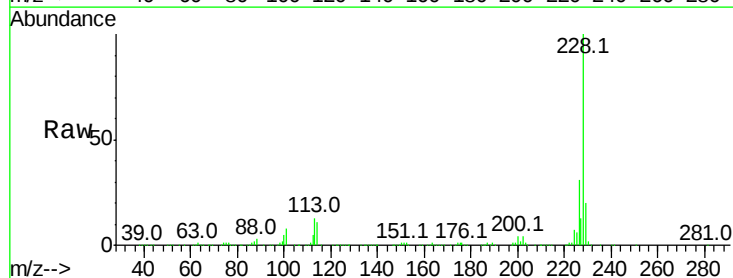
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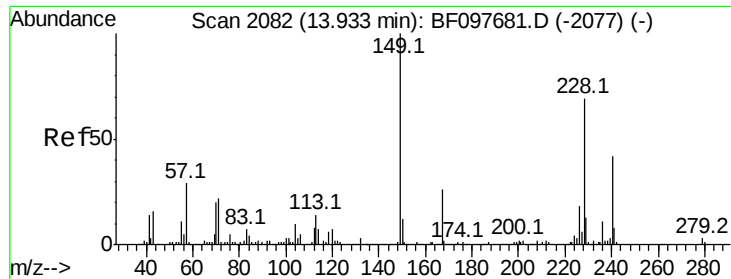
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#82
 Chrysene
 Concen: 37.353 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.4	24.9	37.3
229	19.8	15.8	23.6





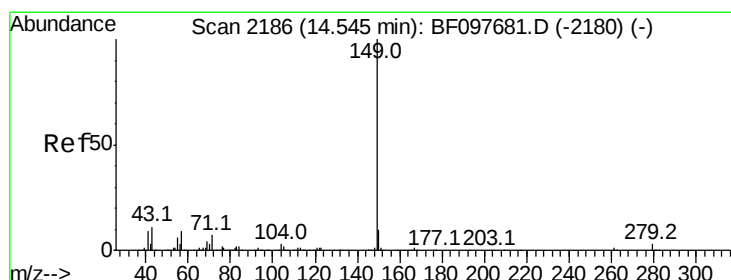
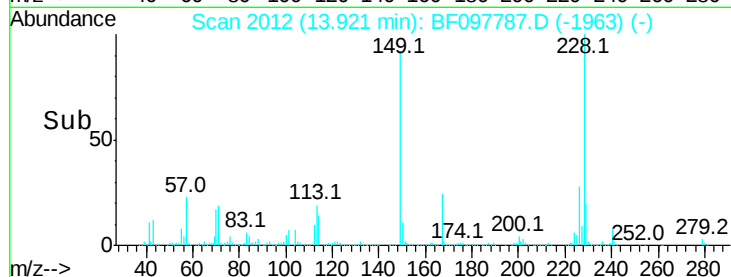
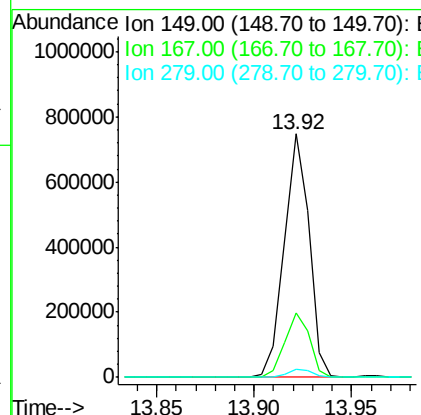
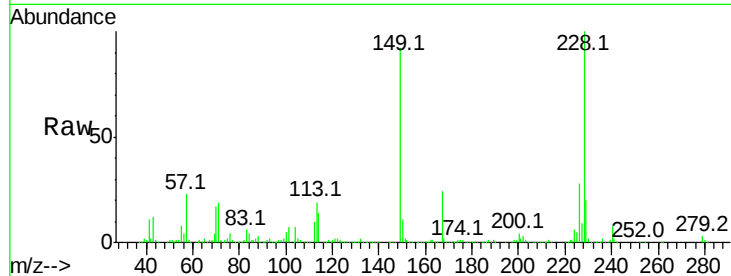
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.046 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	661989		
167	26.5		21.0	31.4
279	3.3		1.9	2.9#

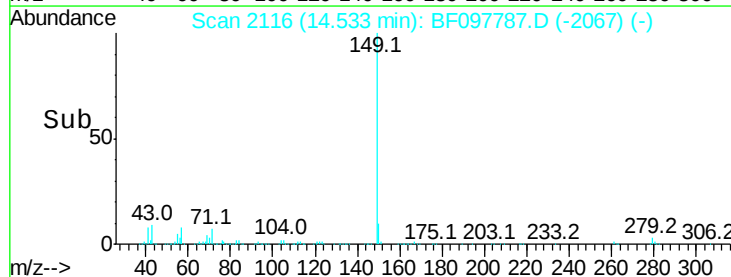
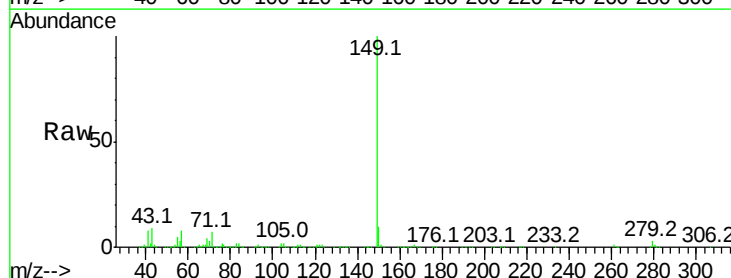
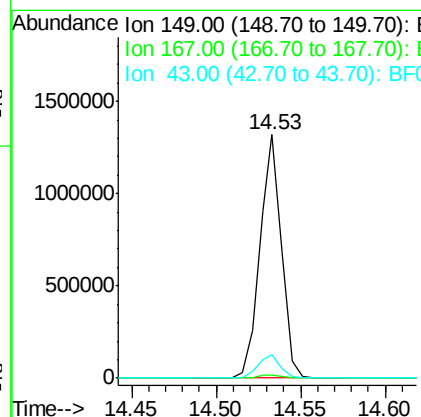
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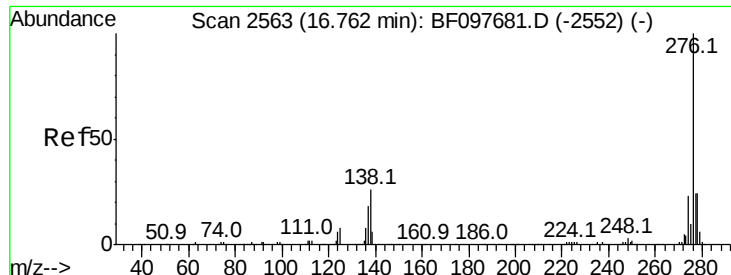
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#84
 Di-n-octyl phthalate
 Concen: 43.559 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1165575		
167	1.5		1.2	1.8
43	10.0		8.5	12.7





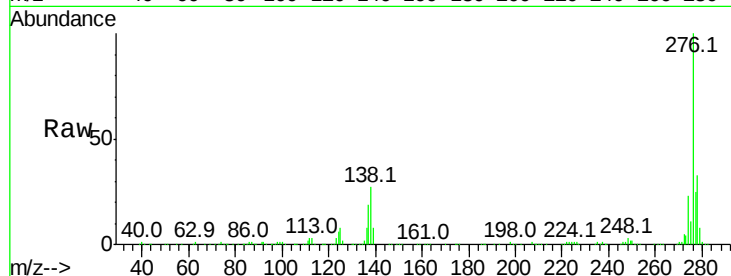
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.458 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

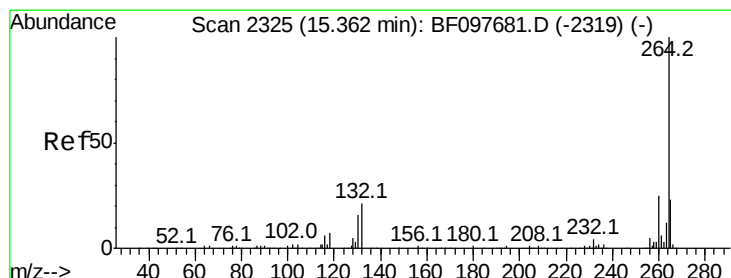
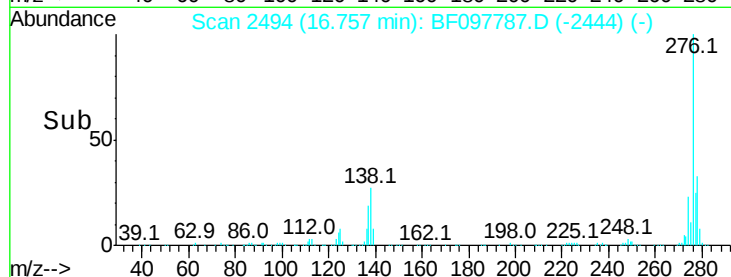
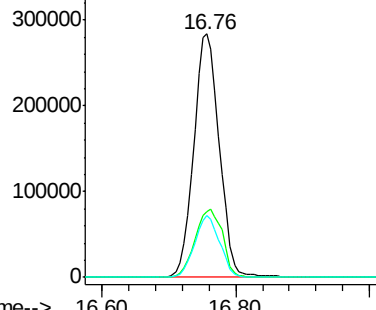
Tot Ion	Ratio	Resp	Lower	Upper
276	100	765930		
138	30.2		27.8	41.6
277	25.1		20.2	30.4

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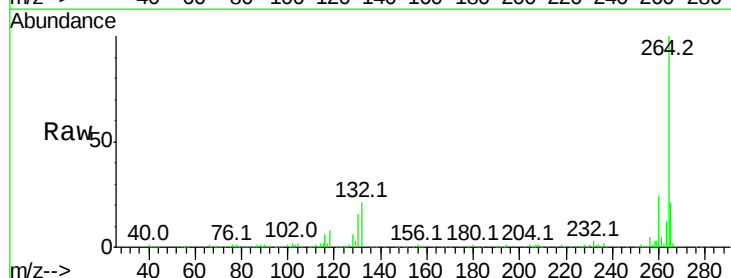


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

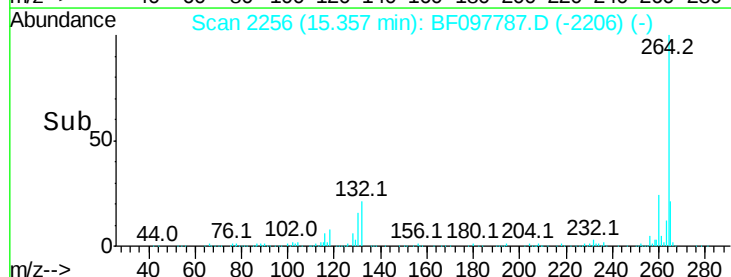
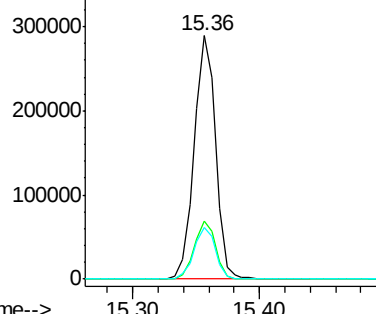


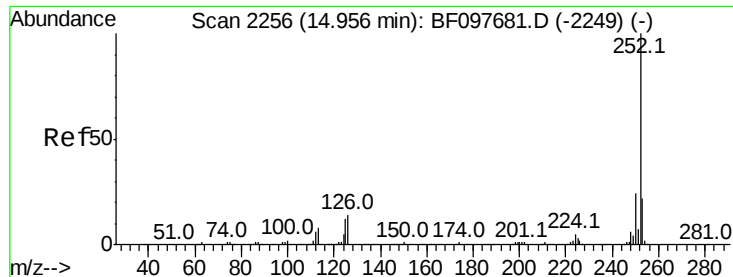
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	338455		
260	23.8		19.5	29.3
265	21.4		17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





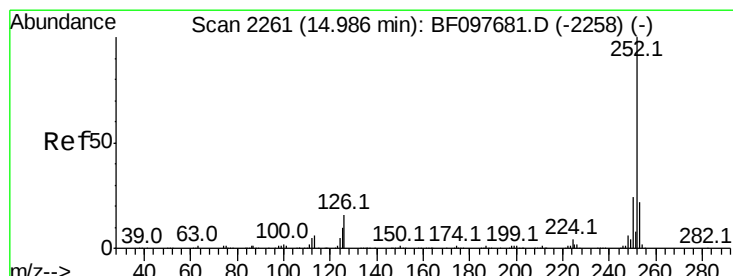
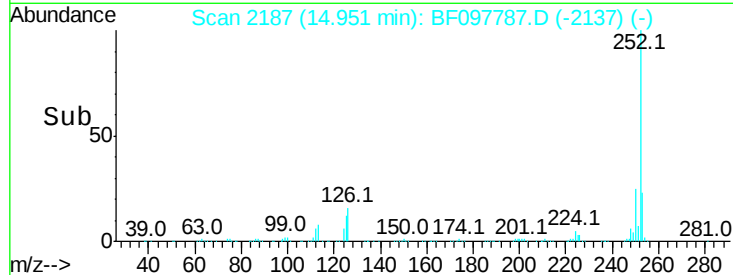
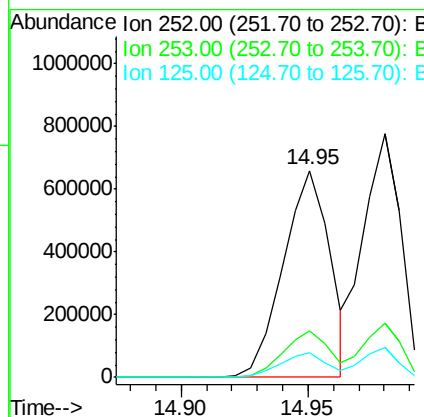
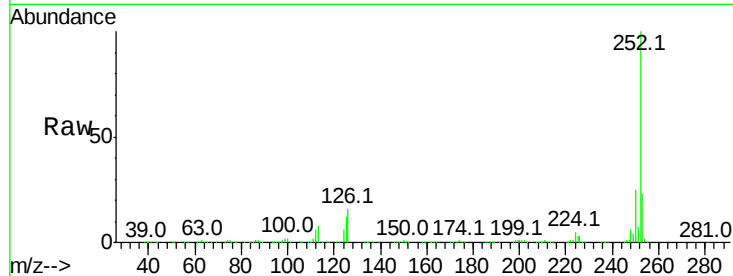
#87
Benzo(b)fluoranthene
Concen: 39.490 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Instrument :
BNA_F
ClientSampled :
PB101441BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	842470		
253	22.6	18.1	27.1	
125	11.8	9.8	14.8	

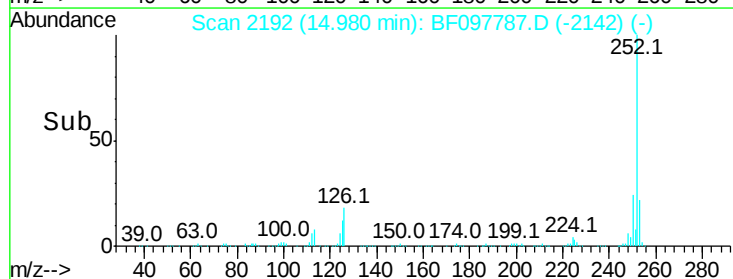
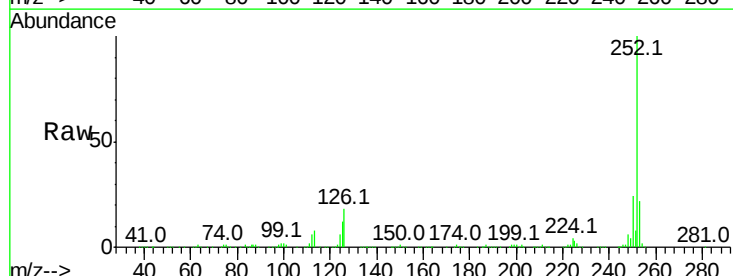
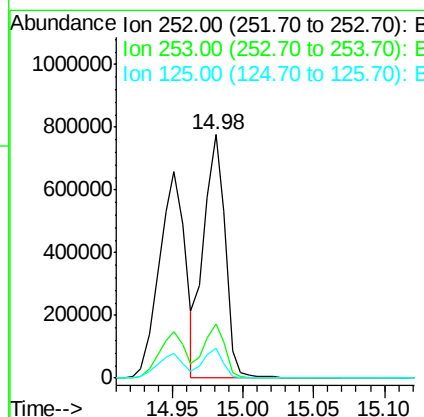
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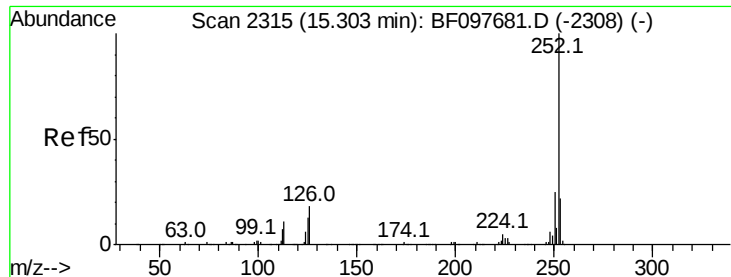
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#88
Benzo(k)fluoranthene
Concen: 40.645 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF097787.D
Acq: 17 Aug 2017 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	814655		
253	22.0	18.4	27.6	
125	12.3	13.1	19.7	





#89

Benzo(a)pyrene

Concen: 41.775 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Instrument :

BNA_F

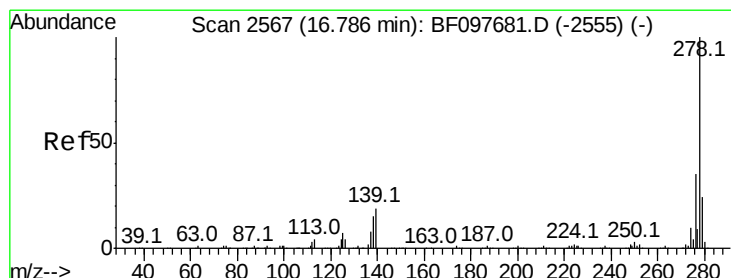
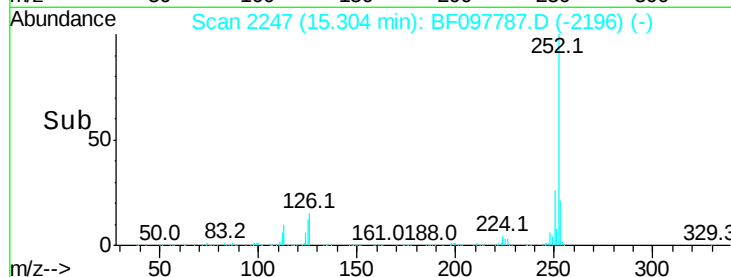
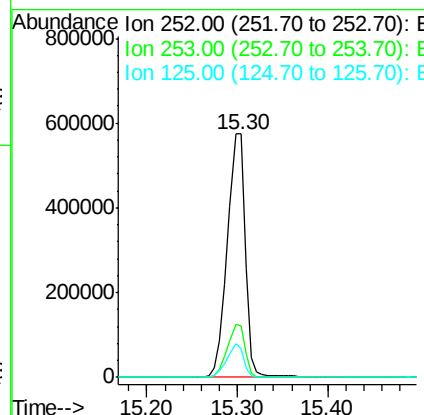
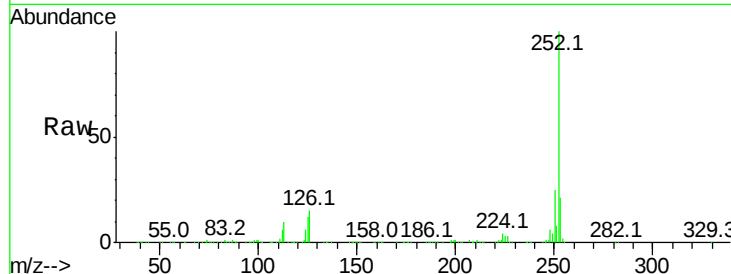
ClientSampleId :

PB101441BS

Tot Ion:	252	Resp:	788968
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	11.9	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 41.555 ng

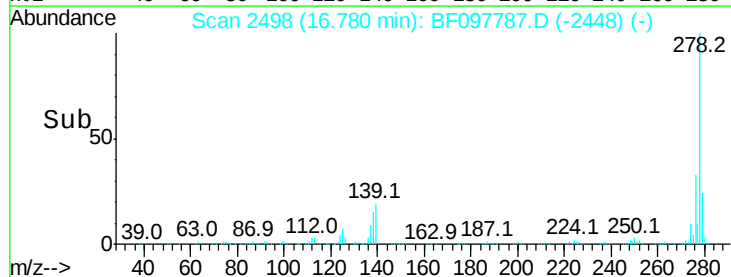
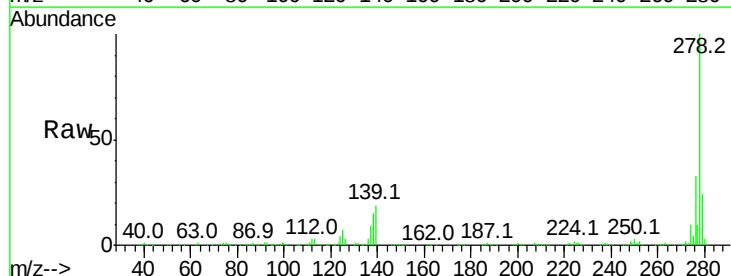
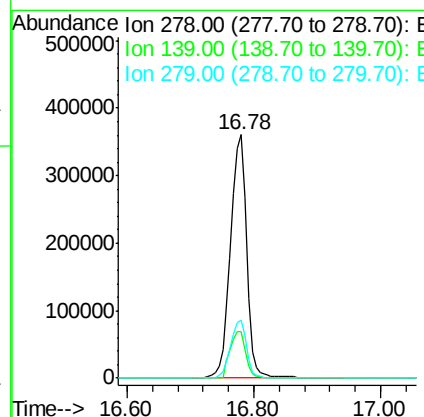
RT: 16.78 min Scan# 2498

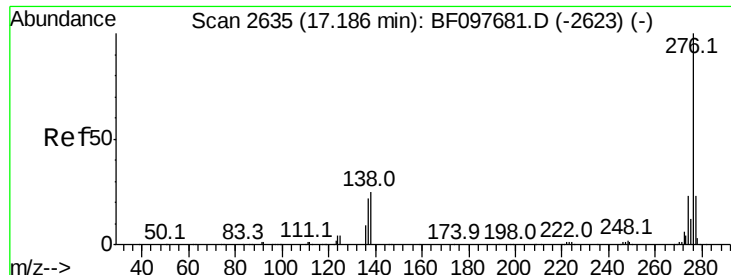
Delta R.T. -0.01 min

Lab File: BF097787.D

Acq: 17 Aug 2017 15:44

Tgt Ion:	278	Resp:	638939
Ion Ratio	Lower	Upper	
278	100		
139	19.1	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.692 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097787.D
 Acq: 17 Aug 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 PB101441BS

Tot Ion:	276	Resp:	636786
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.6	28.0
138	25.6	25.4	38.0

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