

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097881.D
 Acq On : 19 Aug 2017 16:20
 Operator : SJ/JU
 Sample : I4846-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:20:00 PM

Quant Time: Aug 21 04:31:48 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	6.76	152	162712	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	675070	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	301064	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	514796	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	279517	20.00	ng	-0.02
86) Perylene-d12	15.33	264	291508	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1348292	126.04	ng	0.00
7) Phenol-d6	6.41	99	1885950	129.76	ng	0.00
23) Nitrobenzene-d5	7.33	82	1246396	100.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	355804	136.21	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1734537	84.65	ng	-0.02
78) Terphenyl-d14	12.87	244	1191280	88.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	138690	23.248	ng	88
3) Pyridine	3.22	79	346604	21.016	ng	90
4) n-Nitrosodimethylamine	3.16	42	186671	29.416	ng	83
6) Aniline	6.43	93	492024	24.098	ng	97
8) 2-Chlorophenol	6.55	128	361916	32.081	ng	93
9) Benzaldehyde	6.31	77	148752	16.158	ng	90
10) Phenol	6.42	94	532651	31.335	ng	97
11) bis(2-Chloroethyl)ether	6.51	93	416569	32.468	ng	94
12) 1,3-Dichlorobenzene	6.70	146	357282	29.443	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	358721	29.066	ng	# 94
14) 1,2-Dichlorobenzene	6.93	146	333829	29.335	ng	97
15) Benzyl Alcohol	6.91	79	378876	34.818	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.05	45	567666	32.885	ng	90
17) 2-Methylphenol	7.02	107	351508	35.357	ng	95
18) Hexachloroethane	7.27	117	148618	30.715	ng	# 80
19) n-Nitroso-di-n-propylamine	7.19	70	323049	32.469	ng	90
20) 3+4-Methylphenols	7.17	107	402808	33.173	ng	96
22) Acetophenone	7.18	105	549593	30.818	ng	# 91
24) Nitrobenzene	7.35	77	481865	34.826	ng	94
25) Isophorone	7.59	82	929978	35.991	ng	98
26) 2-Nitrophenol	7.66	139	196258	40.121	ng	# 74
27) 2,4-Dimethylphenol	7.70	122	349022	32.388	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	567954	33.433	ng	99
29) 2,4-Dichlorophenol	7.90	162	312048	34.883	ng	92
30) 1,2,4-Trichlorobenzene	7.99	180	307169	30.975	ng	98
31) Naphthalene	8.07	128	1087445	31.029	ng	99
32) Benzoic acid	7.82	122	145531	22.466	ng	# 84
33) 4-Chloroaniline	8.12	127	309355	20.930	ng	99
34) Hexachlorobutadiene	8.19	225	180130	31.111	ng	98
35) Caprolactam	8.50	113	95838m	31.514	ng	
36) 4-Chloro-3-methylphenol	8.60	107	386766	33.651	ng	# 80
37) 2-Methylnaphthalene	8.76	142	731731	34.055	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	293908	31.810	ng	# 98
40) Hexachlorocyclopentadiene	8.92	237	247141	55.678	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	217468	35.057	nq	99
43) 2,4,5-Trichlorophenol	9.08	196	223193	36.268	nq	96
45) 1,1'-Biphenyl	9.23	154	855668	31.167	nq	96
46) 2-Chloronaphthalene	9.25	162	629054	31.010	nq	# 93
47) 2-Nitroaniline	9.35	65	254268	37.390	nq	96
48) Acenaphthylene	9.66	152	1017859	31.953	nq	99
49) Dimethylphthalate	9.53	163	986302	44.818	nq	99
50) 2,6-Dinitrotoluene	9.59	165	167262	38.077	nq	# 49
51) Acenaphthene	9.83	154	663926	33.047	nq	99
52) 3-Nitroaniline	9.76	138	146044	25.769	nq	97
53) 2,4-Dinitrophenol	9.86	184	89805	47.671	nq	# 74
54) Dibenzofuran	10.00	168	908578	33.744	nq	98
55) 4-Nitrophenol	9.92	139	261839	57.915	nq	# 42
56) 2,4-Dinitrotoluene	9.99	165	213659	38.757	nq	# 62
57) Fluorene	10.35	166	647415	31.099	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	174496	36.623	nq	96
59) Diethylphthalate	10.23	149	832053	36.155	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	312978	32.362	nq	92
61) 4-Nitroaniline	10.37	138	165550	30.734	nq	# 69
62) Azobenzene	10.50	77	947662	34.667	nq	94
64) 4,6-Dinitro-2-methylphenol	10.40	198	73520	33.374	nq	# 74
65) n-Nitrosodiphenylamine	10.46	169	620168	35.377	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	199427	37.305	nq	98
67) Hexachlorobenzene	10.89	284	181007	33.220	nq	# 86
68) Atrazine	10.99	200	191442	41.179	nq	98
69) Pentachlorophenol	11.09	266	185386	58.353	nq	99
70) Phenanthrene	11.31	178	952884	34.736	nq	99
71) Anthracene	11.36	178	917826	32.988	nq	99
72) Carbazole	11.52	167	822080	31.127	nq	98
73) Di-n-butylphthalate	11.85	149	1210944	39.806	nq	99
74) Fluoranthene	12.49	202	906988	31.677	nq	99
76) Benzidine	12.61	184	208578	22.759	nq	# 92
77) Pyrene	12.72	202	886655	38.784	nq	99
79) Butylbenzylphthalate	13.34	149	413304	47.154	nq	# 67
80) Benzo(a)anthracene	13.90	228	594834	35.507	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	160185	28.336	nq	# 96
82) Chrysene	13.94	228	598246	35.898	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	514722	52.995	nq	# 99
84) Di-n-octyl phthalate	14.52	149	912038	53.968	nq	99
85) Indeno(1,2,3-cd)pyrene	16.73	276	607199	49.529	nq	94
87) Benzo(b)fluoranthene	14.93	252	628479	34.204	nq	98
88) Benzo(k)fluoranthene	14.96	252	599712m	34.740	nq	
89) Benzo(a)pyrene	15.28	252	611061	37.565	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	476286	35.965	nq	97
91) Benzo(g,h,i)perylene	17.14	276	493275	35.698	nq	# 92

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

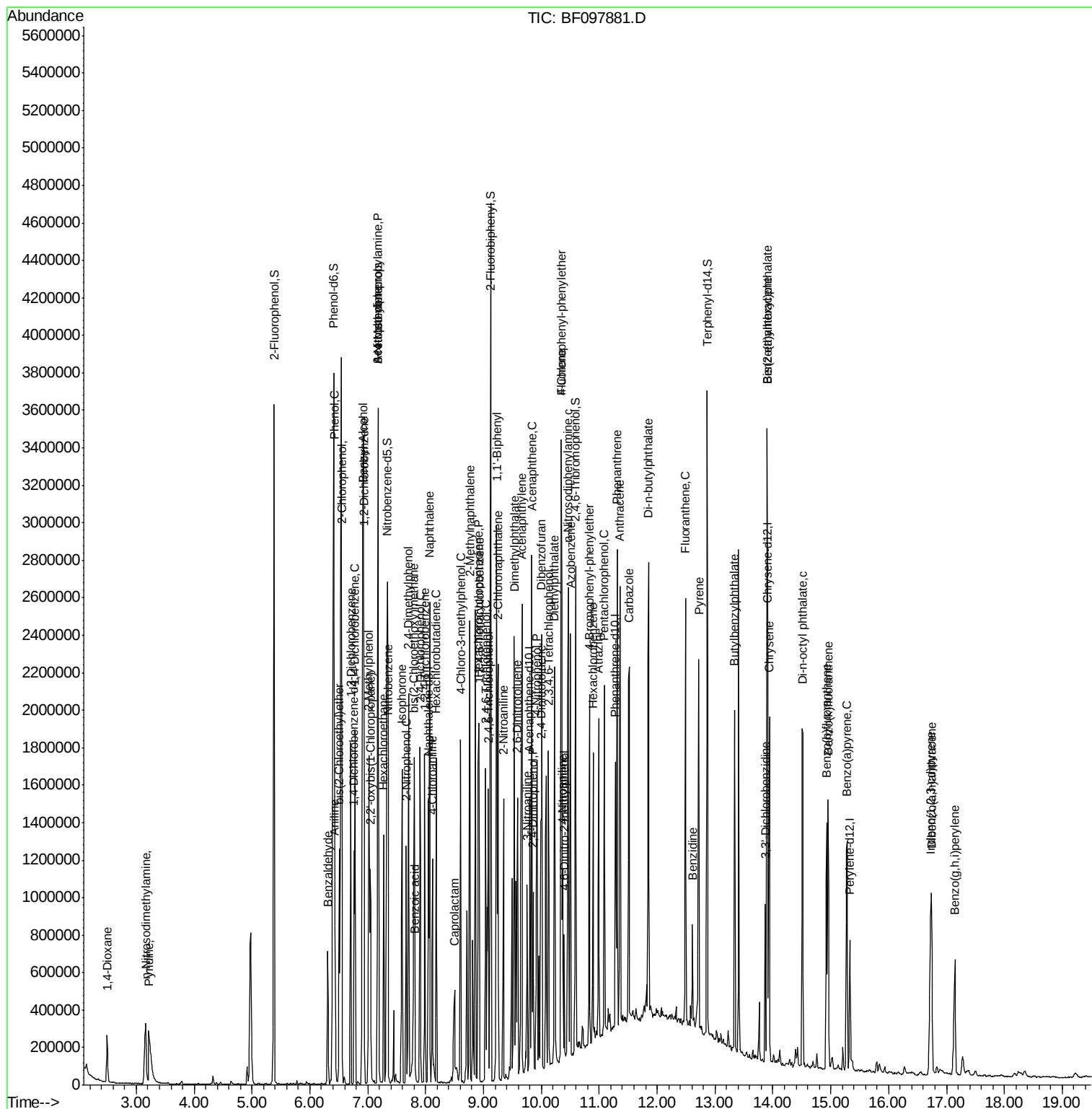
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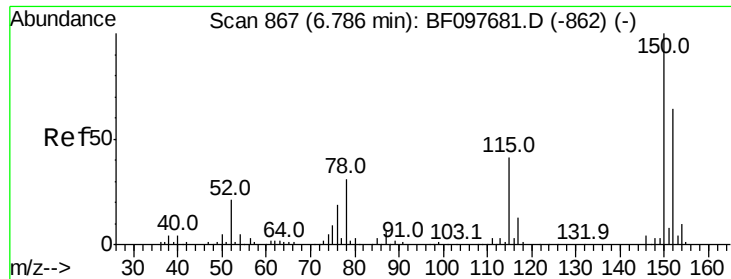
Instrument :
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#1

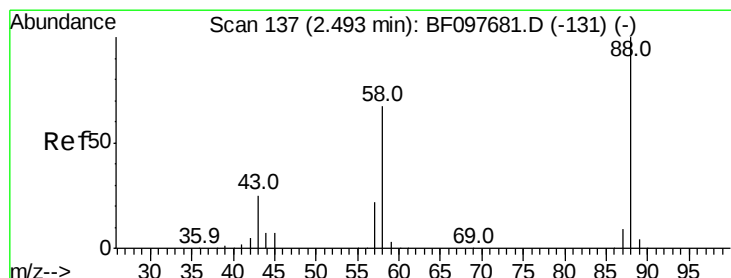
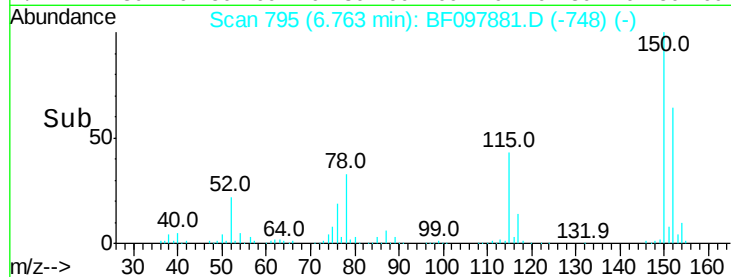
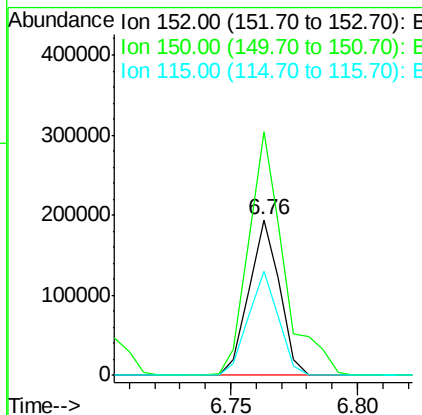
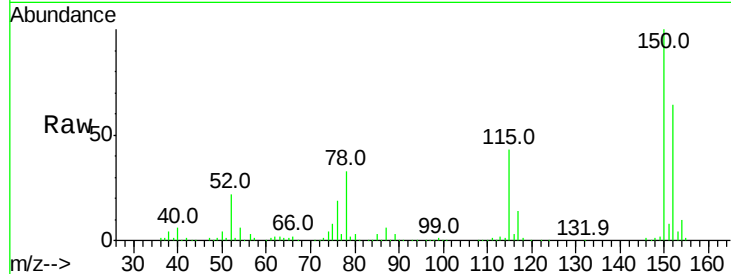
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	66.8	52.2	78.2

Manual Integrations
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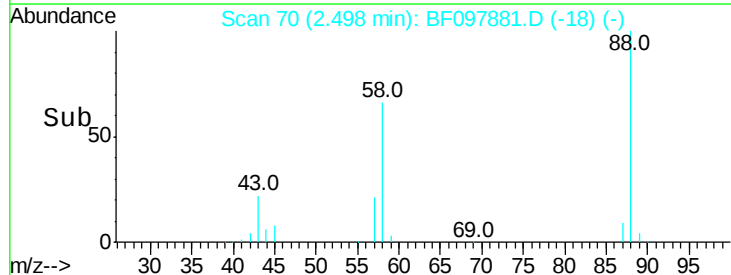
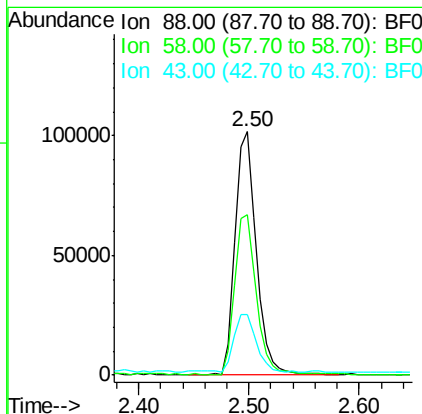
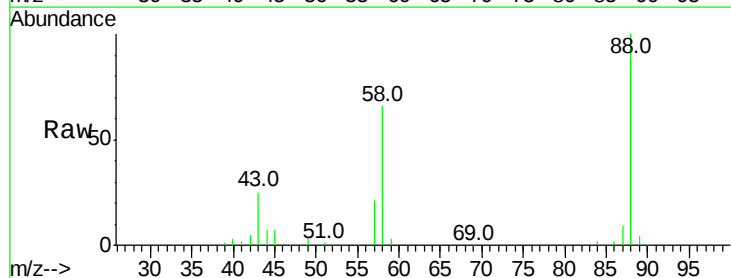
Sohil
8/21/2017 5:20:00 PM

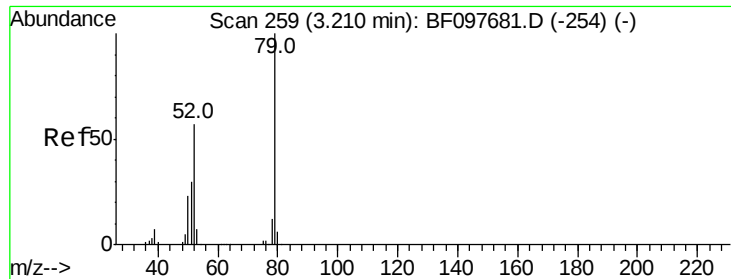


#2

1,4-Dioxane
Concen: 23.248 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	61.4	92.0
43	24.7	23.4	35.0





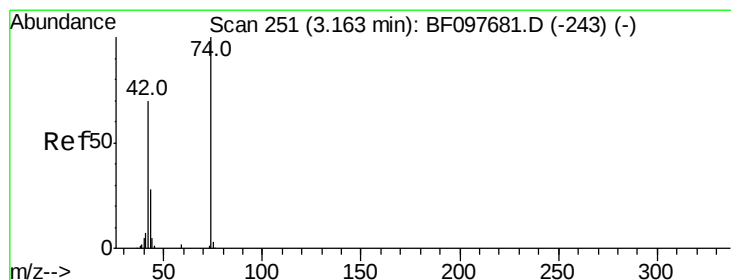
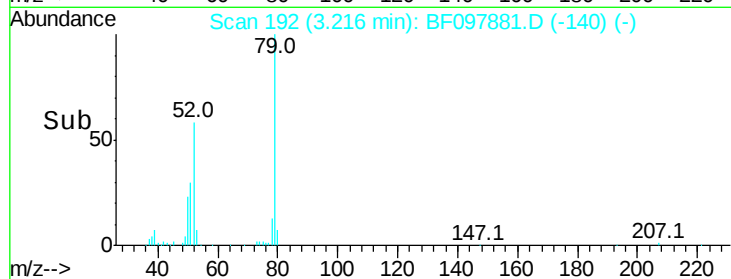
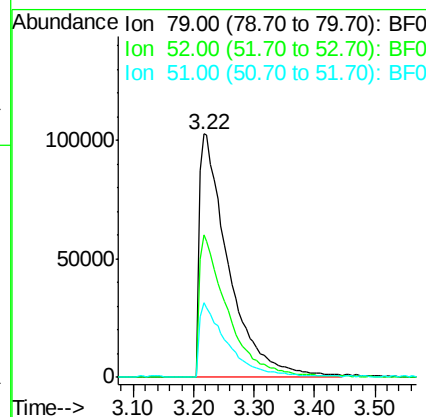
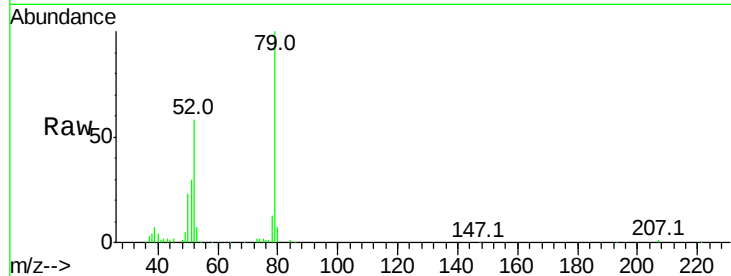
#3
 Pvridine
 Concen: 21.016 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.01 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	58.5	54.8	82.2
51	30.4	27.0	40.4

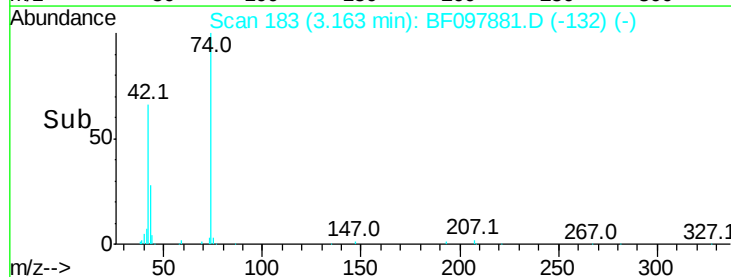
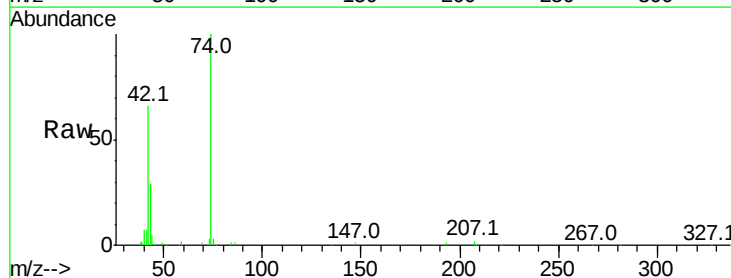
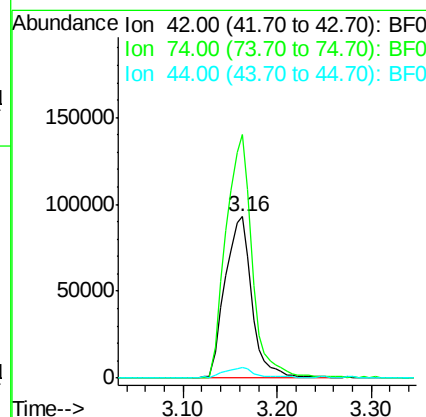
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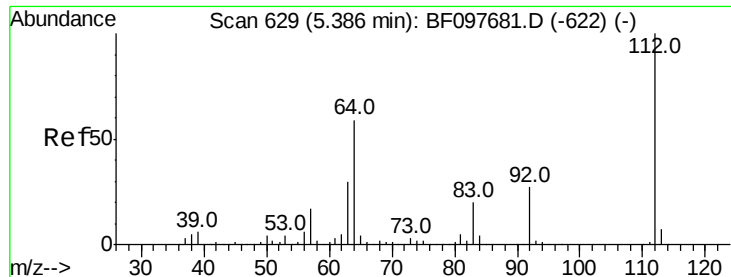
Sohil
 8/21/2017 5:20:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 29.416 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.00 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.6	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 126.042 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

ClientSampled :

PI-1(3)MS

Tot Ion: 112 Resp: 1348292

Ion Ratio Lower Upper

112 100

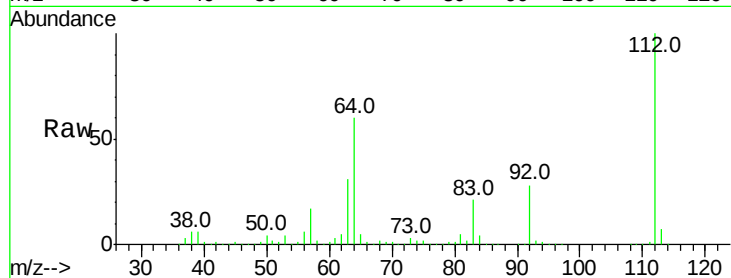
64 60.2 46.0 69.0

63 31.0 23.4 35.0

Manual Integrations
APPROVED

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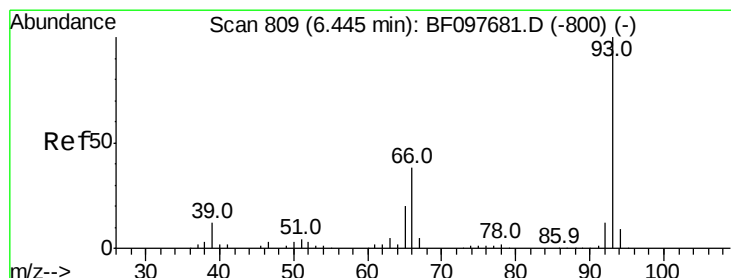
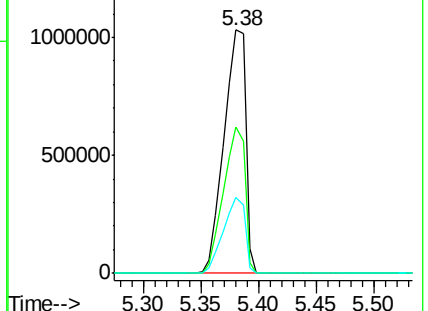
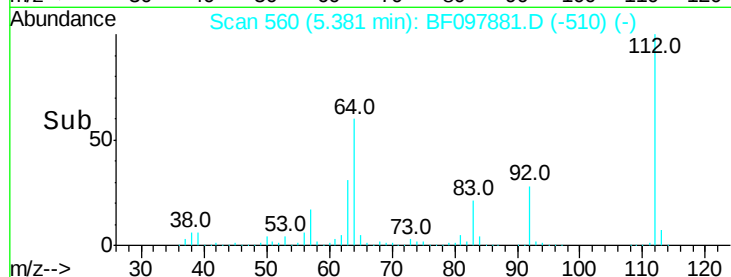
8/21/2017 5:20:00 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.098 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

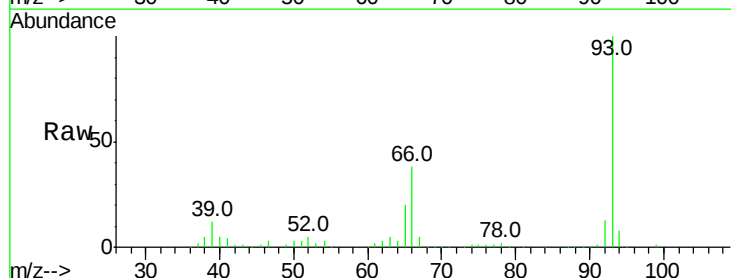
Tgt Ion: 93 Resp: 492024

Ion Ratio Lower Upper

93 100

66 38.1 32.9 49.3

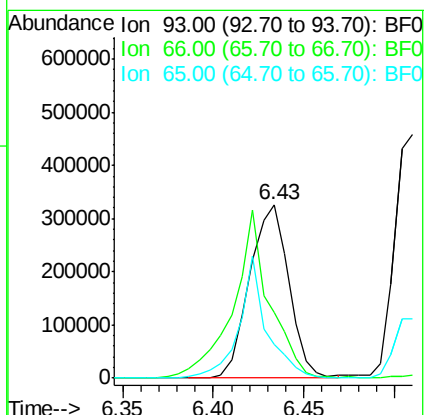
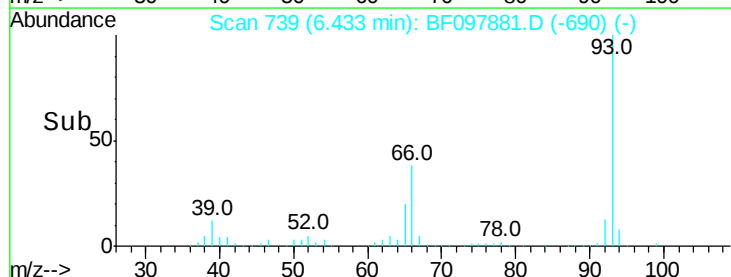
65 19.8 16.0 24.0

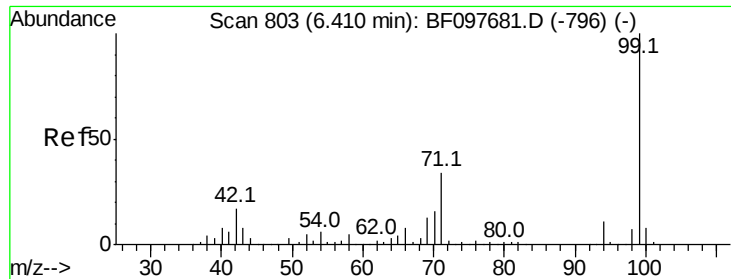


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.758 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097881.D

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Instrument :

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ClientSampleId :

PI-1(3)MS

Tot Ion: 99 Resp: 1885950

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

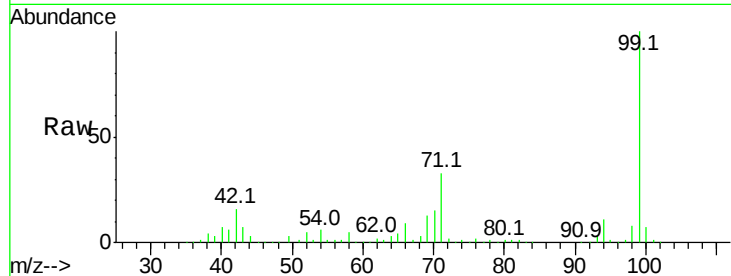
71 33.4 24.5 36.7

Manual Integrations

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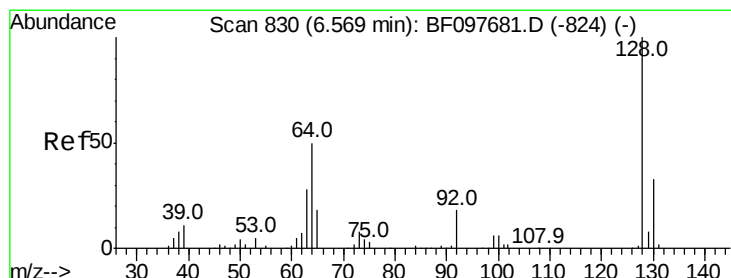
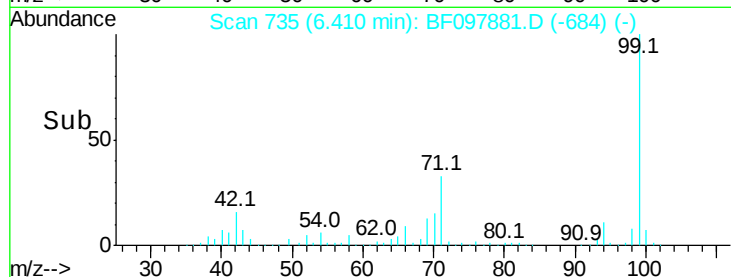
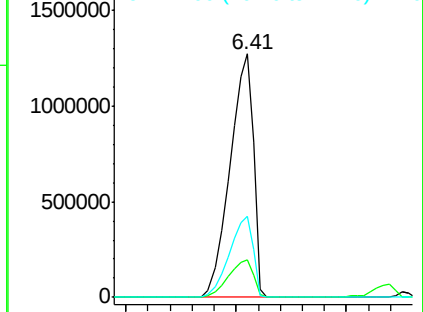
8/21/2017 5:20:00 PM



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: 32.081 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

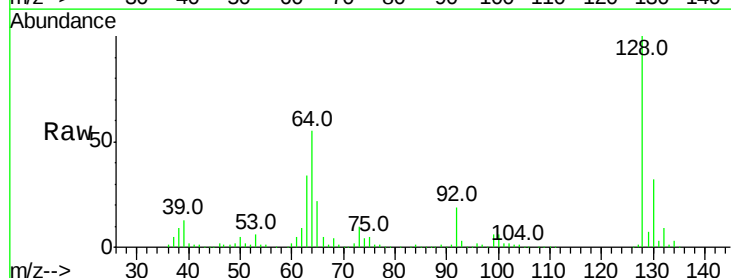
Tgt Ion:128 Resp: 361916

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

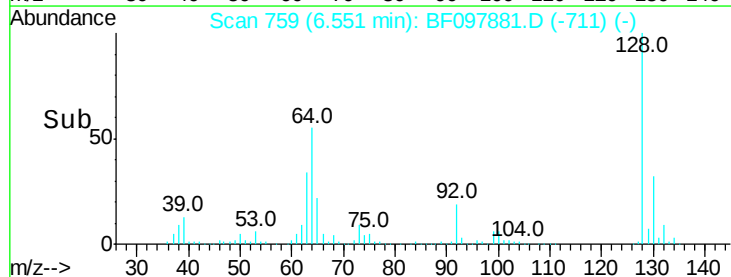
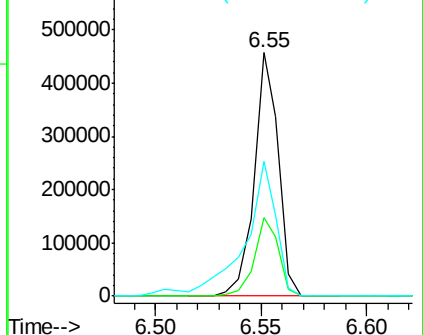
64 55.4 28.4 68.4

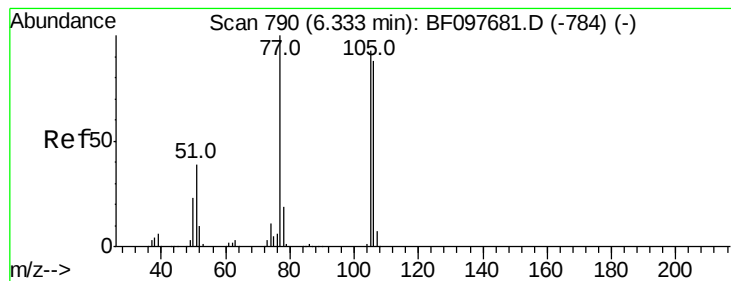


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.158 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

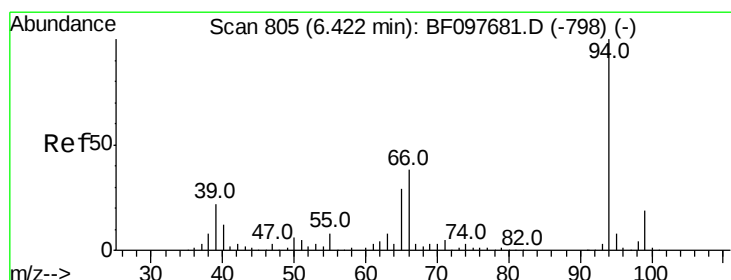
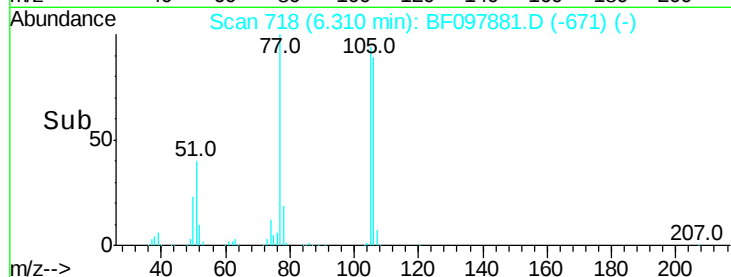
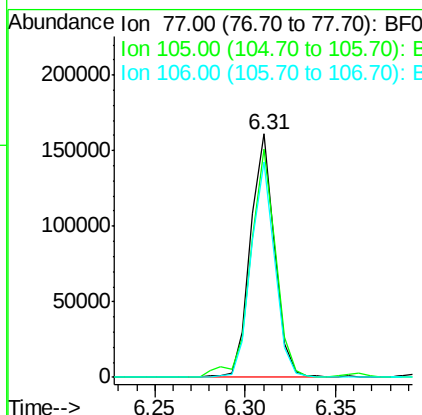
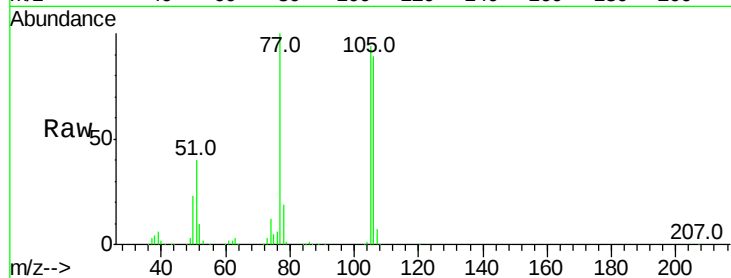
ClientSampleId :

PI-1(3)MS

Tot Ion	77	Resp	148752
Ion	Ratio	Lower	Upper
77	100		
105	93.9	83.8	123.8
106	88.7	79.1	119.1

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#10

Phenol

Concen: 31.335 ng

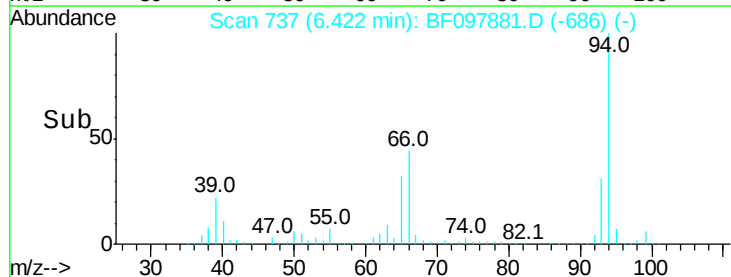
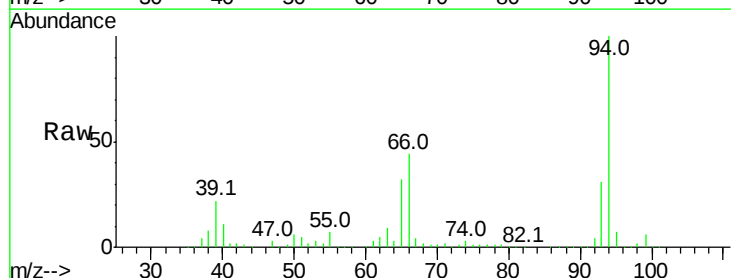
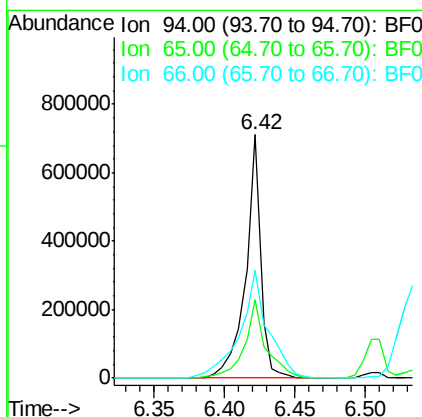
RT: 6.42 min Scan# 737

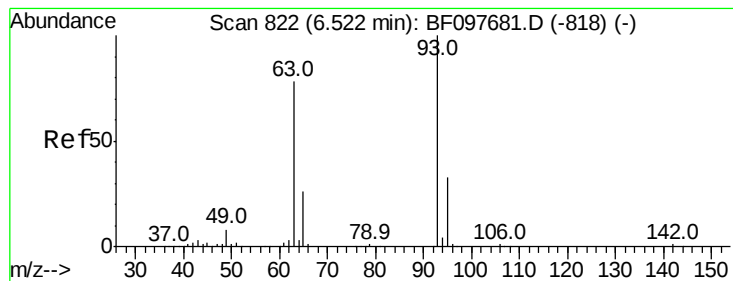
Delta R.T. 0.00 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion	94	Resp	532651
Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.9	49.9
66	44.4	23.1	63.1





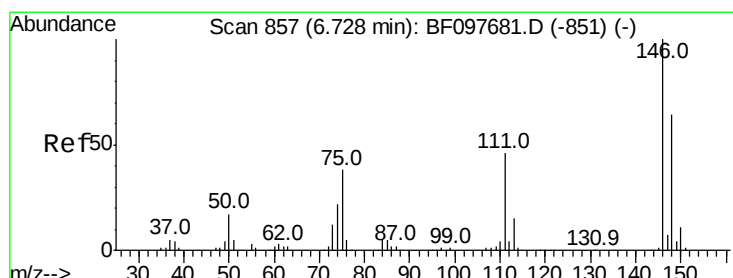
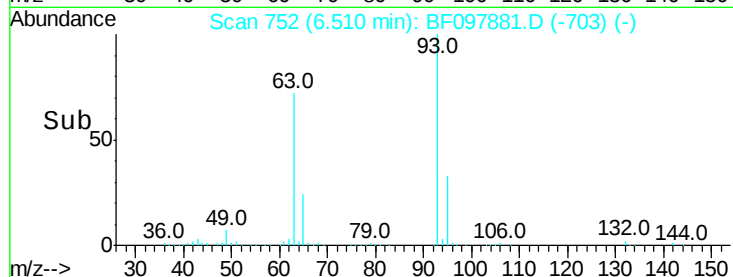
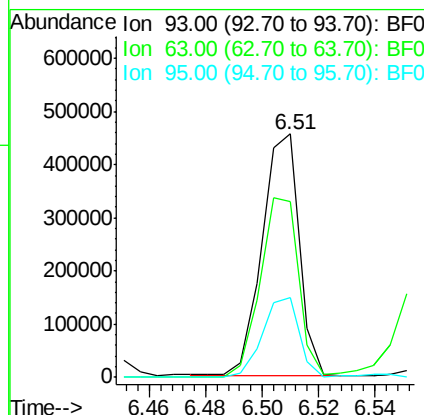
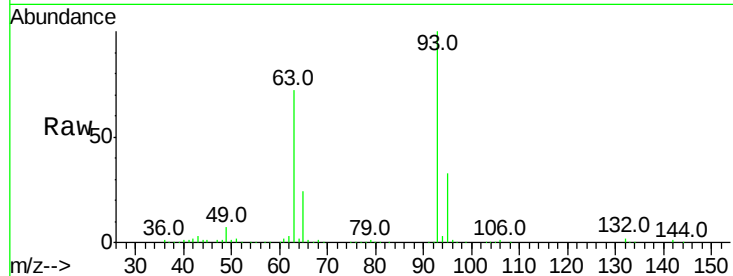
#11
bis(2-Chloroethyl)ether
Concen: 32.468 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	93	Resp	416569
Ion Ratio	100	Lower	Upper
93	100		
63	72.3	59.2	99.2
95	32.6	12.8	52.8

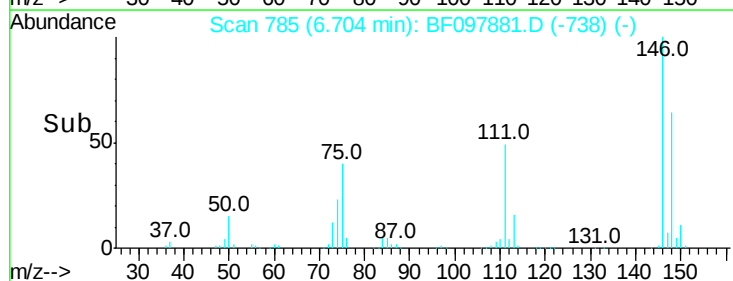
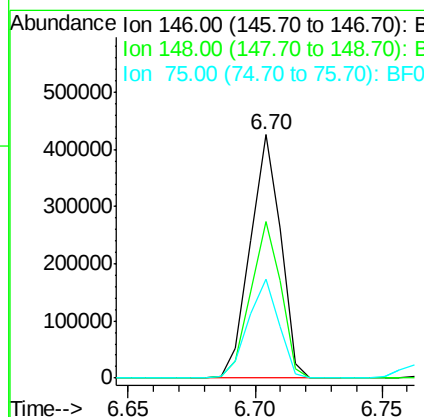
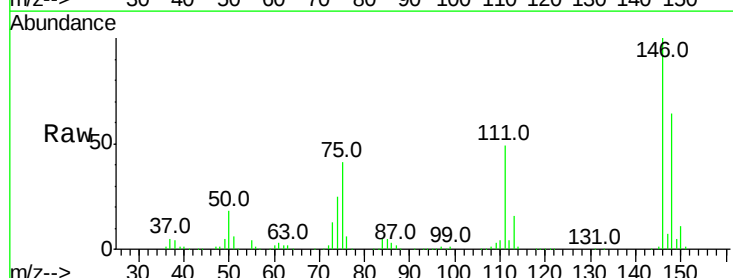
Manual Integrations
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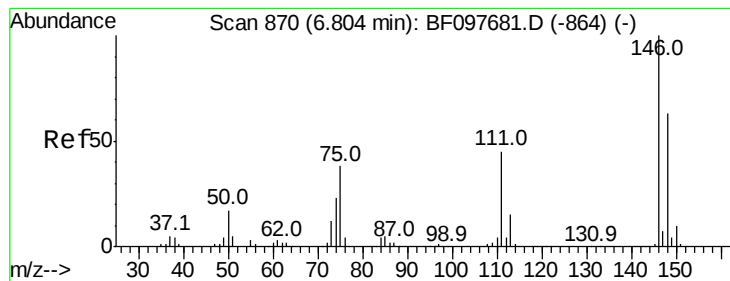
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.443 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	146	Resp	357282
Ion Ratio	100	Lower	Upper
146	100		
148	64.2	51.8	77.6
75	40.6	23.1	34.7#





#13

1,4-Dichlorobenzene

Concen: 29.066 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

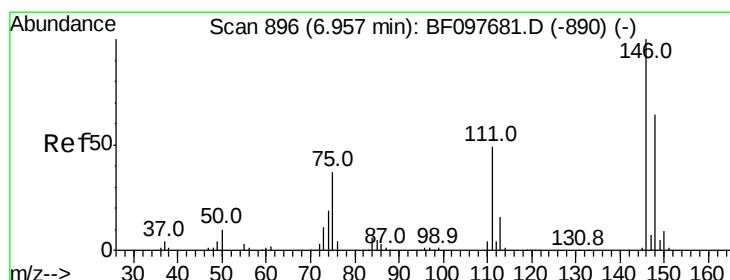
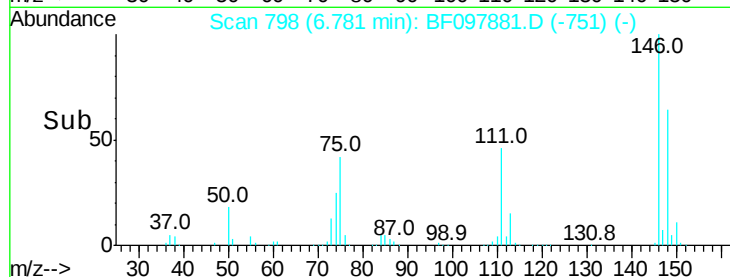
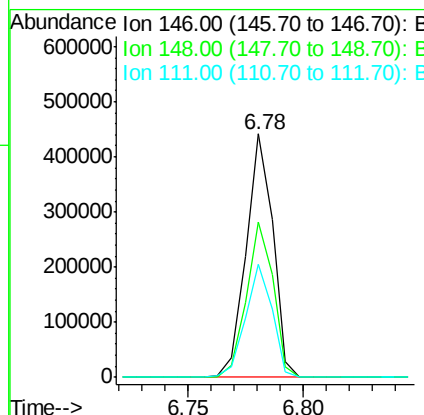
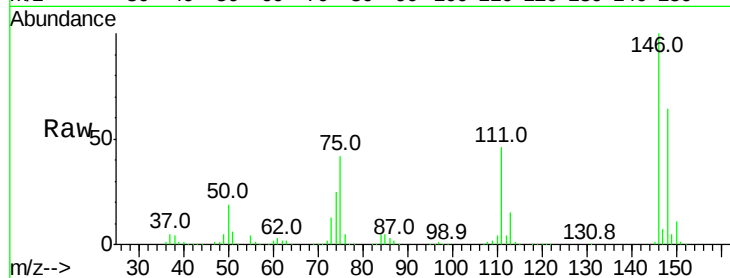
ClientSampled :

PI-1(3)MS

Tot Ion:	146	Resp:	358721
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	46.4	30.3	45.5#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 29.335 ng

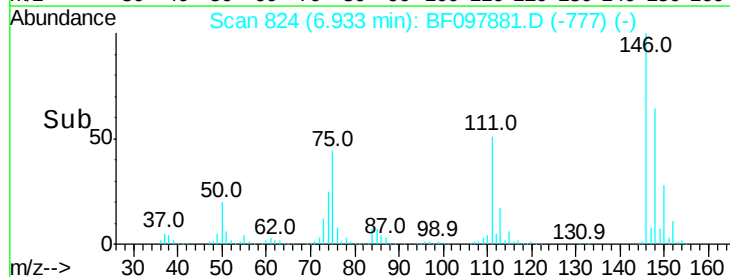
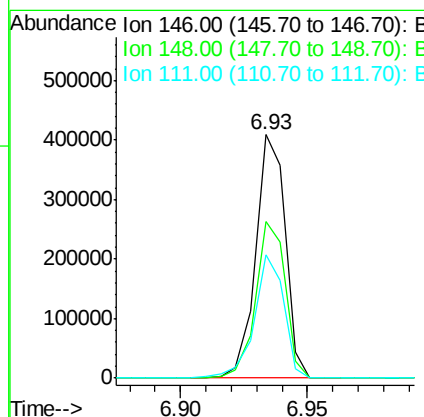
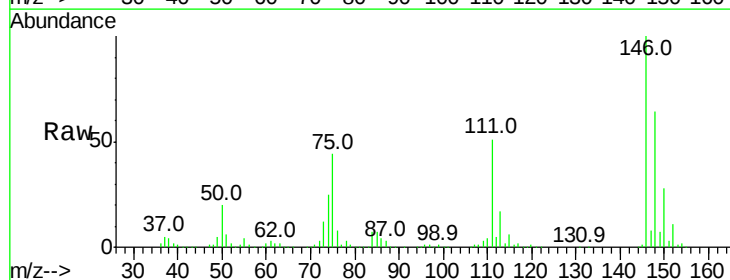
RT: 6.93 min Scan# 824

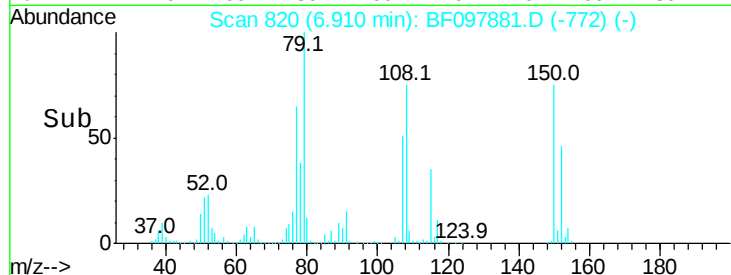
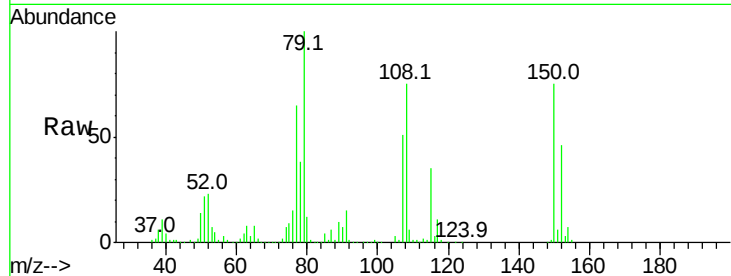
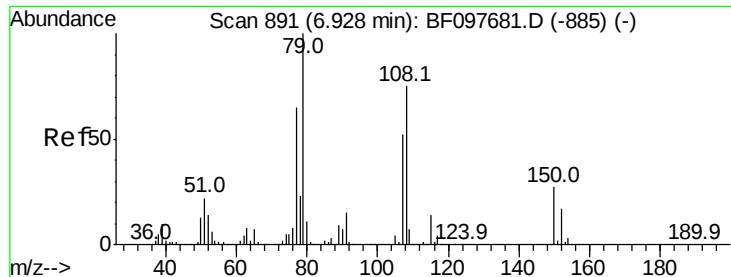
Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	146	Resp:	333829
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.4	75.6
111	50.8	38.2	57.4





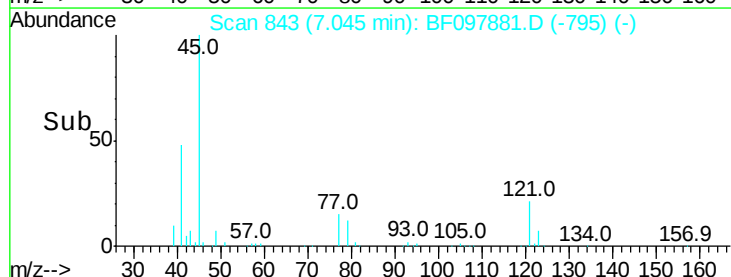
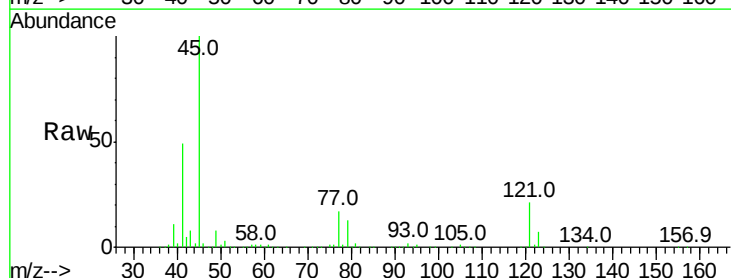
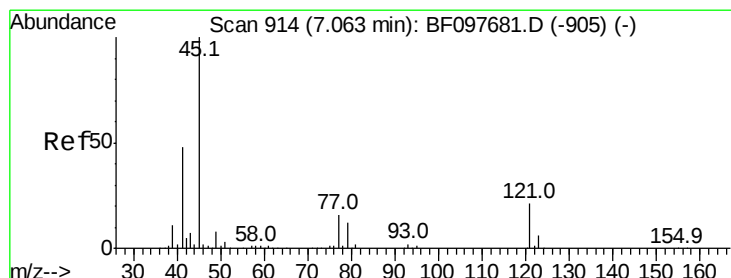
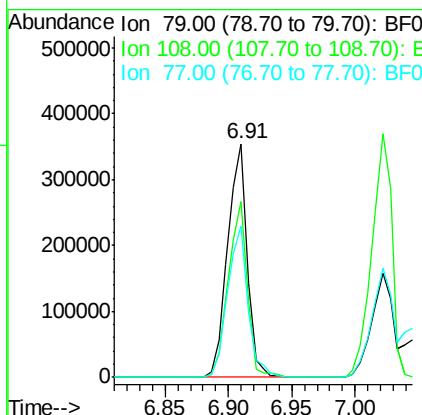
#15
Benzyl Alcohol
Concen: 34.818 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	75.0	63.4	95.0	
77	64.8	49.2	73.8	

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

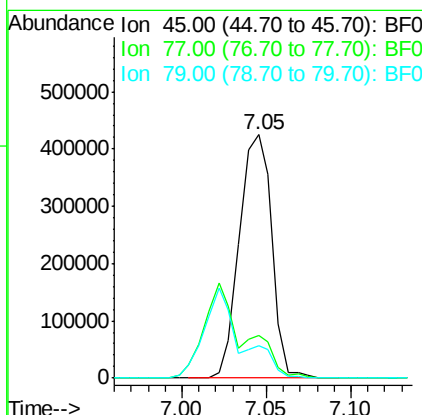
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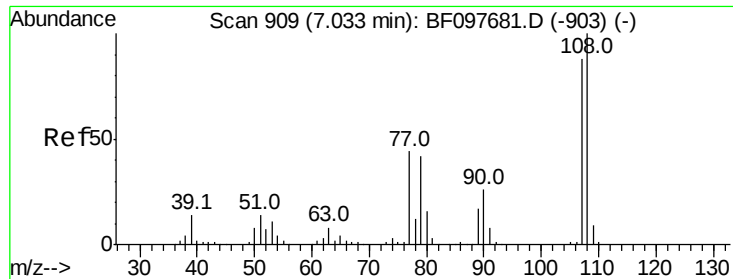
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.885 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.5	0.0	33.2	
79	13.4	0.0	30.0	





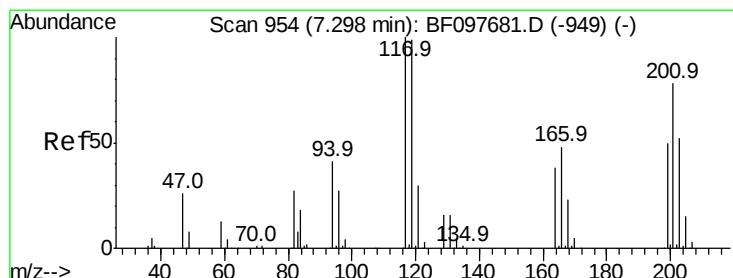
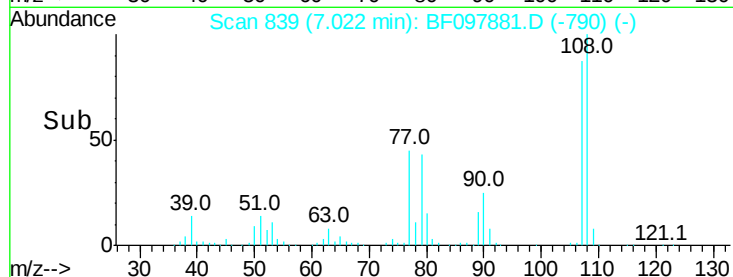
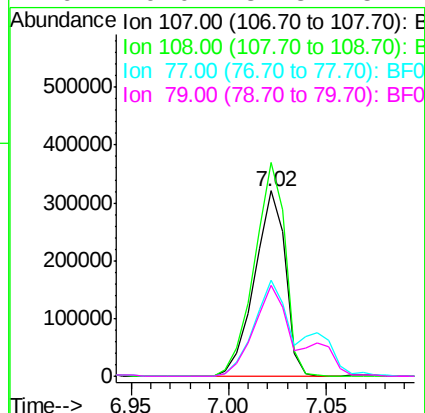
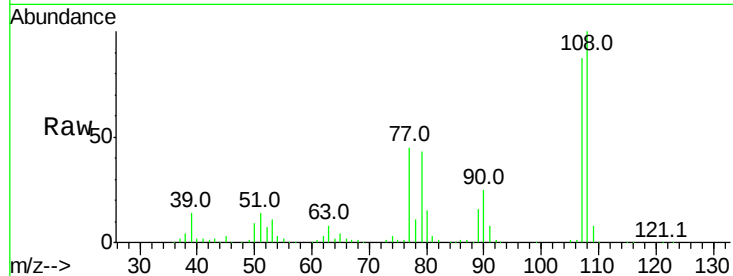
#17
2-Methylphenol
Concen: 35.357 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.3	93.4	140.0	
77	77	52.0	35.8	53.6	
79	79	49.0	34.8	52.2	

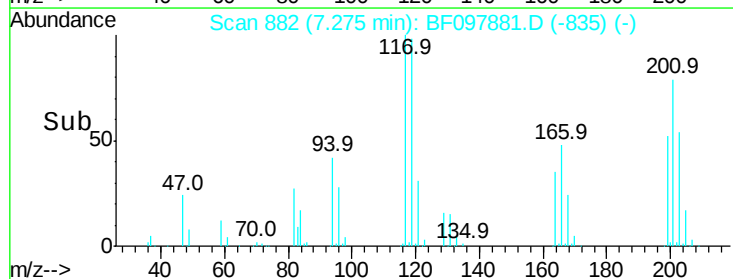
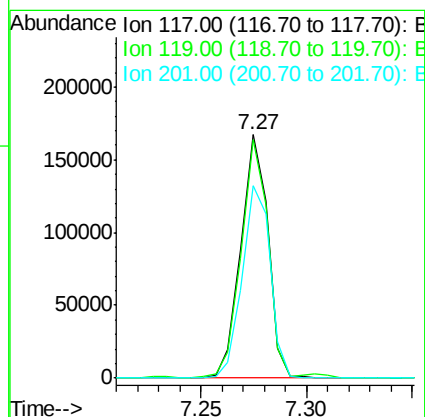
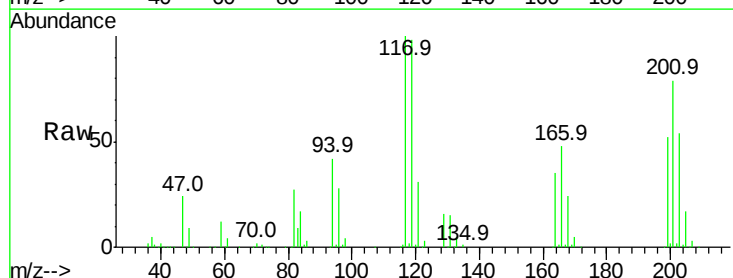
Manual Integrations
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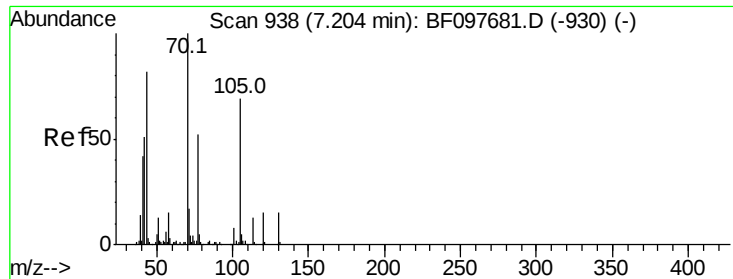
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#18
Hexachloroethane
Concen: 30.715 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	98.0	77.4	116.0	
201	201	79.0	94.6	141.8#	





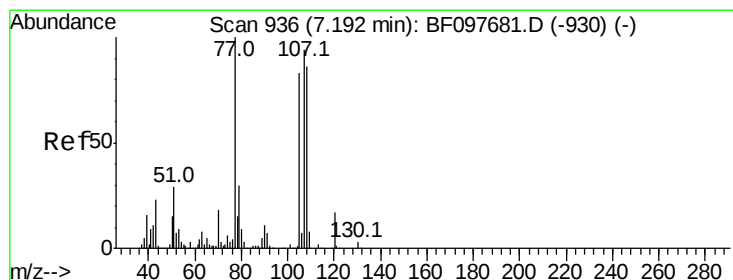
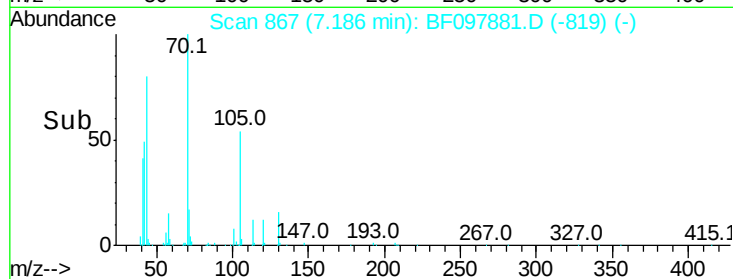
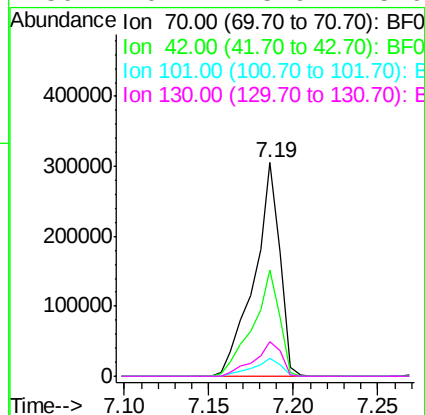
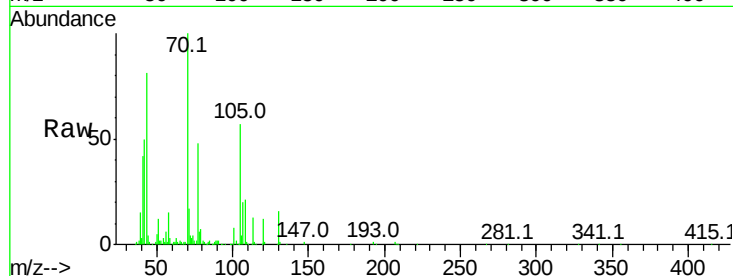
#19
n-Nitroso-di-n-propylamine
Concen: 32.469 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.2	70.8
101	8.5	7.2	10.8
130	16.4	15.9	23.9

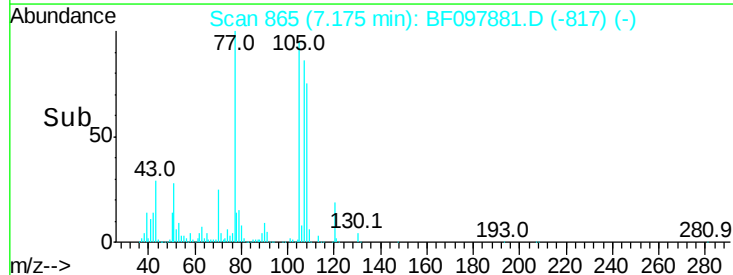
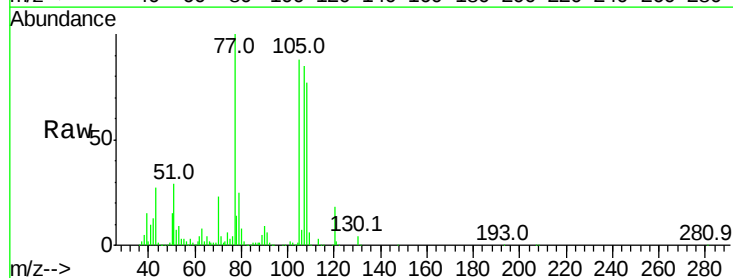
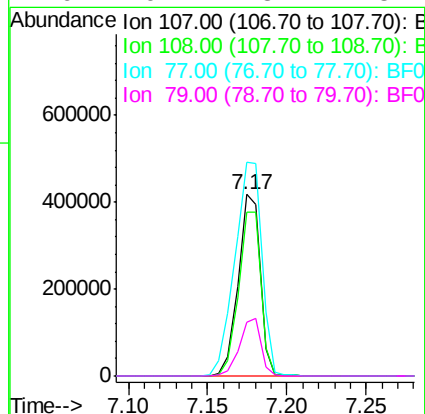
Manual Integrations
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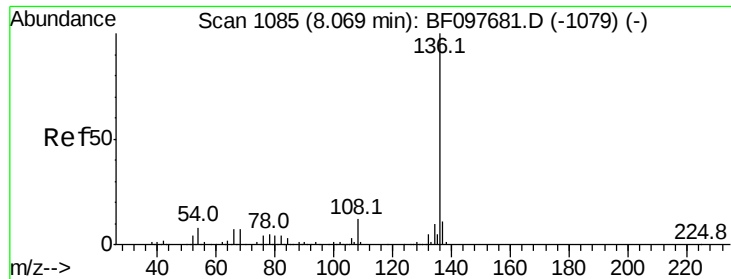
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#20
3+4-Methylphenols
Concen: 33.173 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.0	111.0
77	117.9	90.5	130.5
79	29.4	8.4	48.4





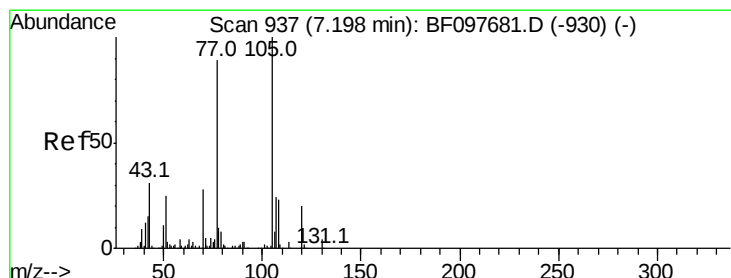
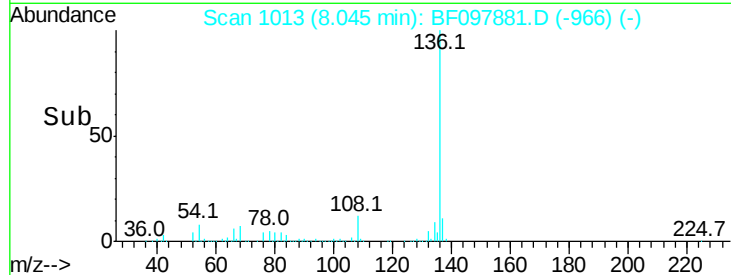
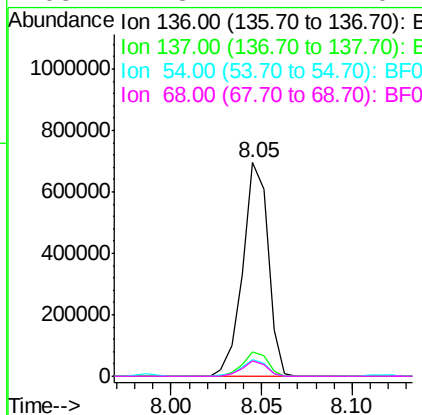
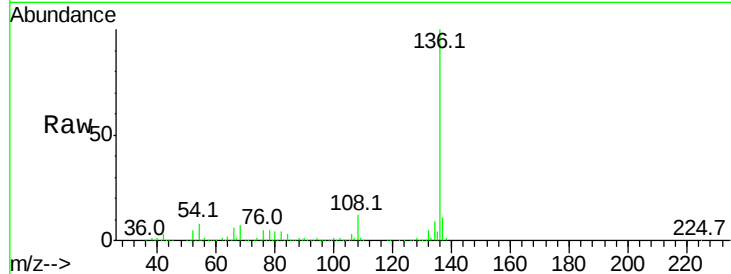
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	7.9	4.9	7.3#	
68	7.3	4.1	6.1#	

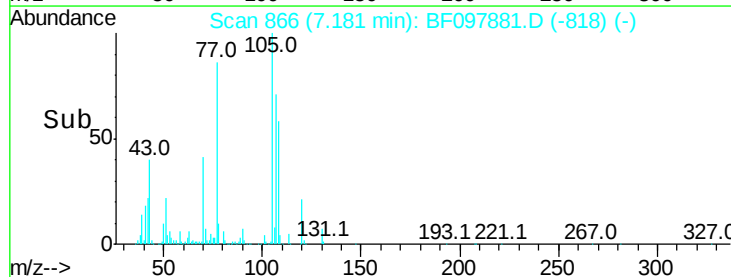
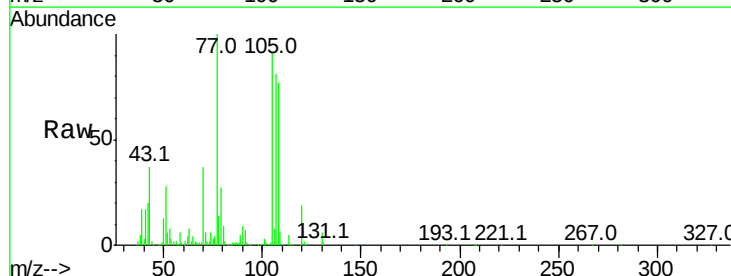
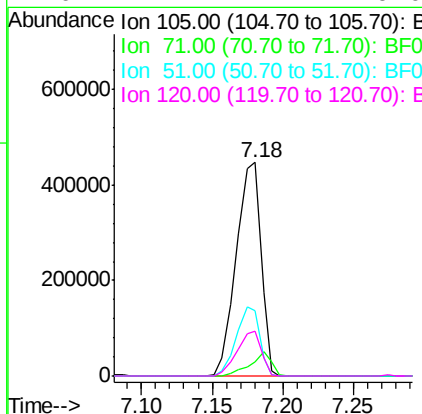
Manual Integrations
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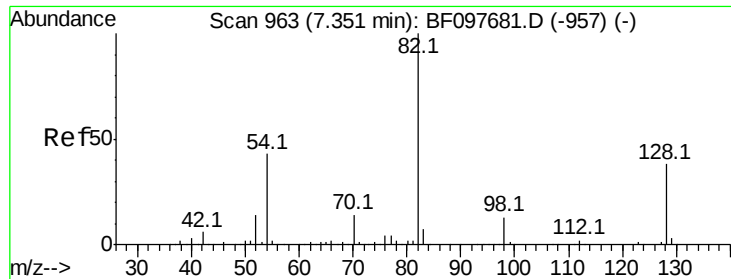
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#22
Acetophenone
Concen: 30.818 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	2.8	4.2#	
51	30.5	30.7	46.1#	
120	21.1	17.4	26.0	





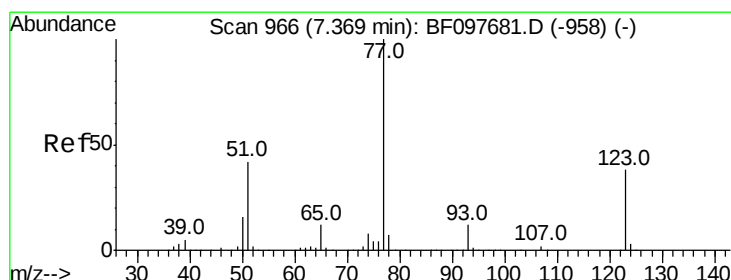
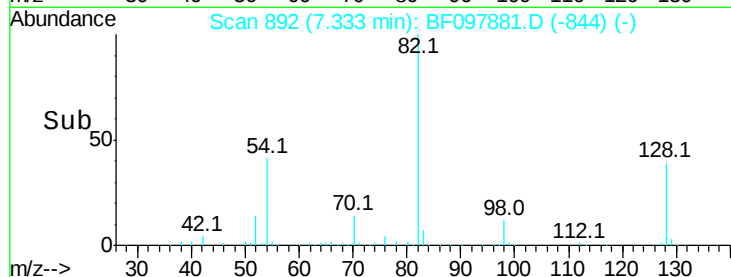
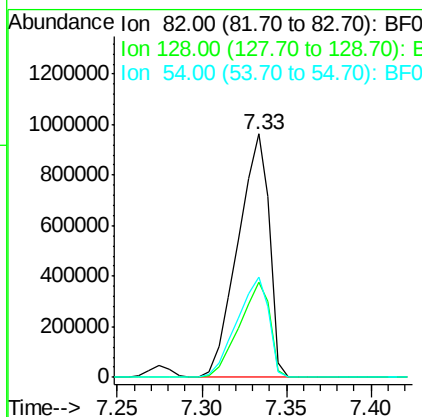
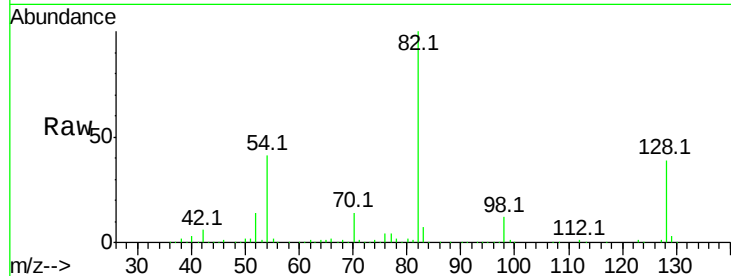
#23
 Nitrobenzene-d5
 Concen: 100.301 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion: 82 Resp: 1246396
 Ion Ratio Lower Upper
 82 100
 128 38.8 34.0 51.0
 54 41.1 42.2 63.2#

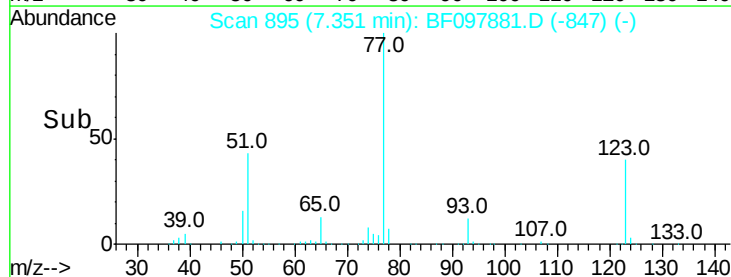
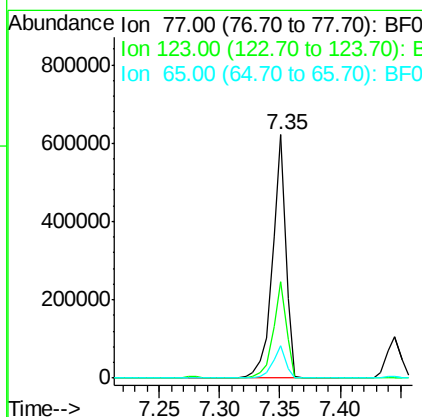
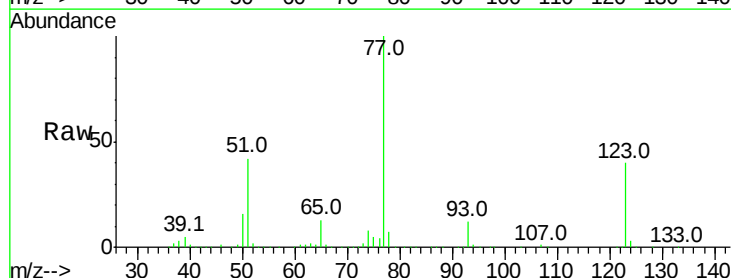
Manual Integrations
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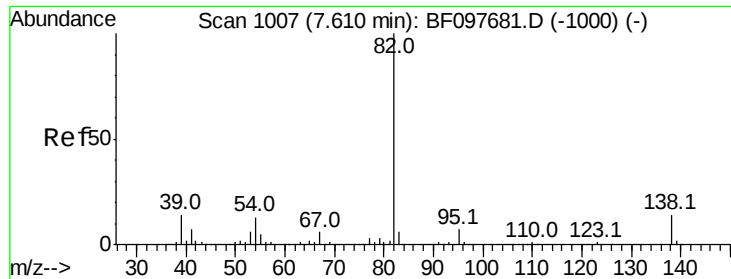
Sohil
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#24
 Nitrobenzene
 Concen: 34.826 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion: 77 Resp: 481865
 Ion Ratio Lower Upper
 77 100
 123 39.8 35.8 53.8
 65 13.1 10.6 15.8





#25

Isophorone

Concen: 35.991 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

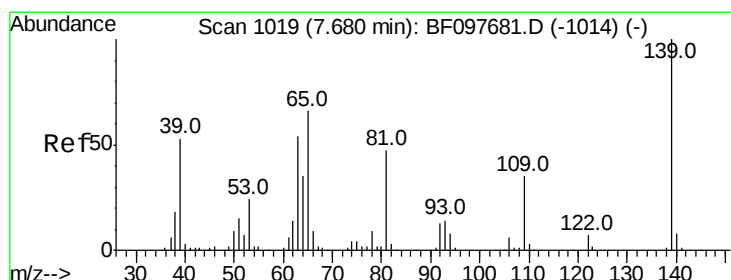
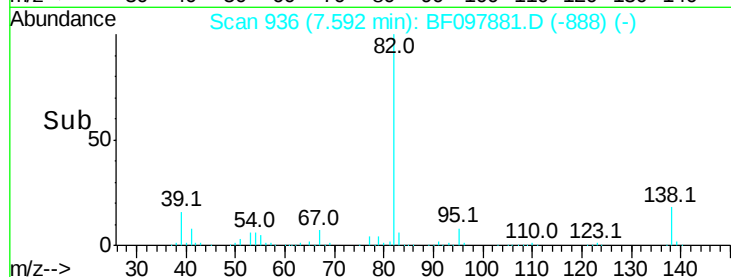
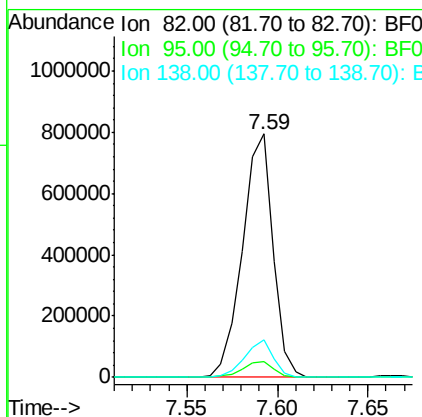
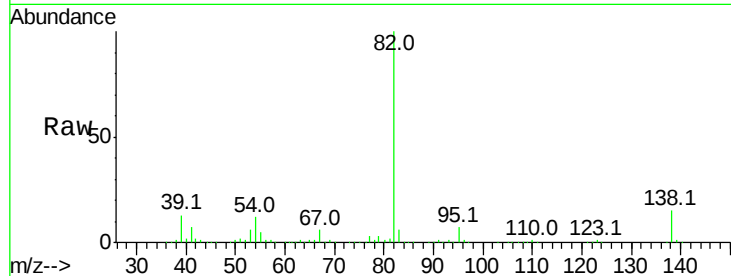
ClientSampled :

PI-1(3)MS

Tot Ion	82	Resp	929978
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	15.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.121 ng

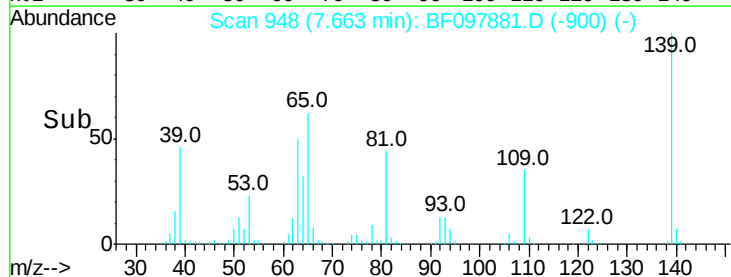
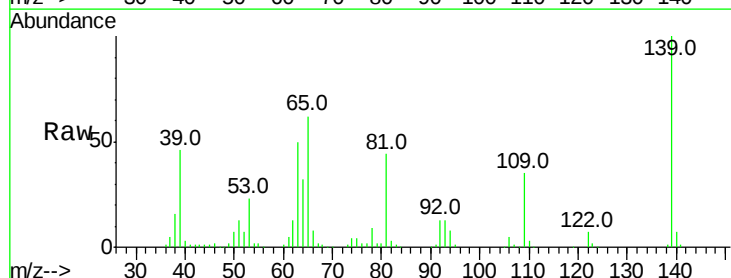
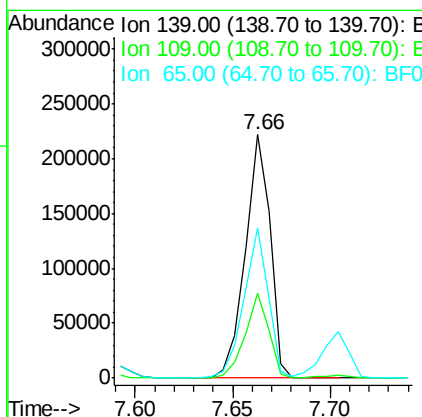
RT: 7.66 min Scan# 948

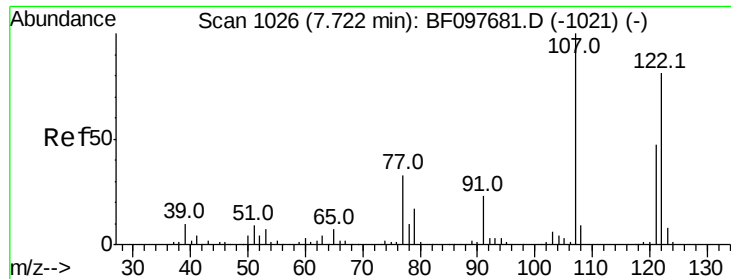
Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion	139	Resp	196258
Ion Ratio	Lower	Upper	
139	100		
109	34.8	21.0	31.6#
65	61.5	33.0	49.6#





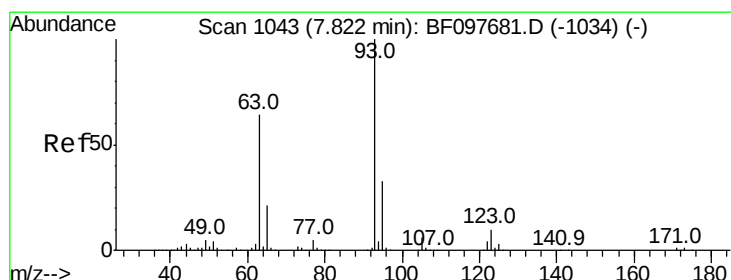
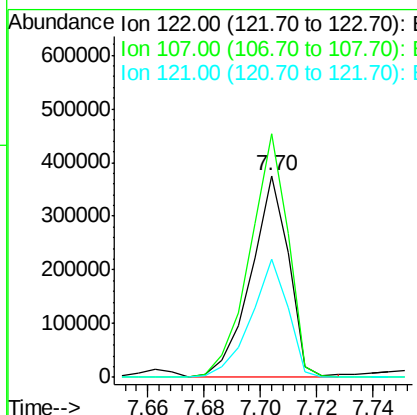
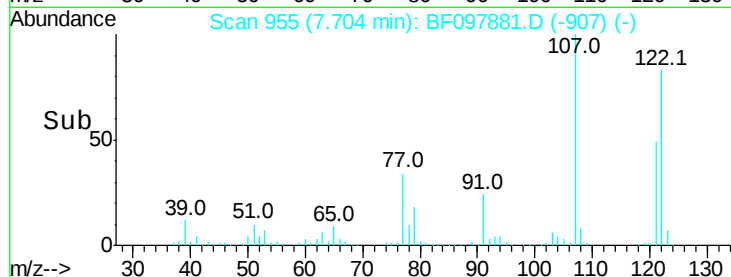
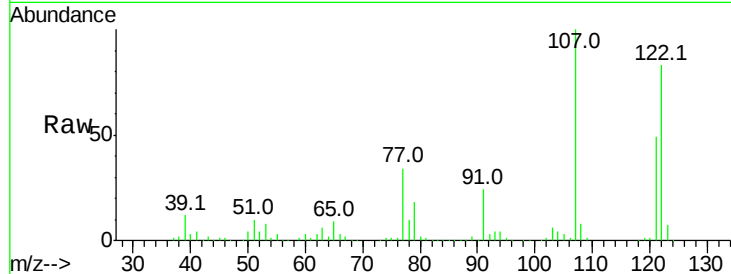
#27
 2,4-Dimethylphenol
 Concen: 32.388 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion:	122	Resp:	349022
Ion Ratio	Lower	Upper	
122	100		
107	120.9	89.2	133.8
121	58.7	45.2	67.8

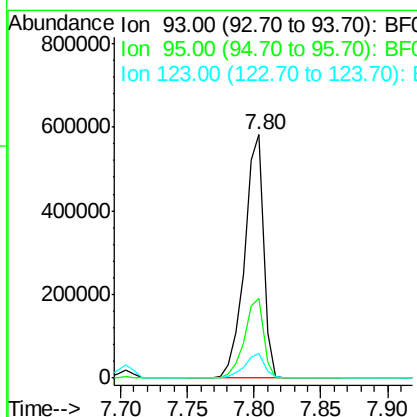
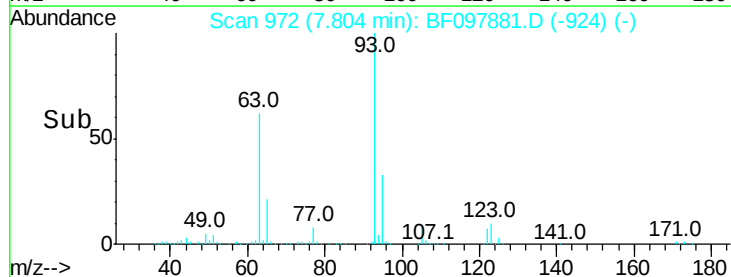
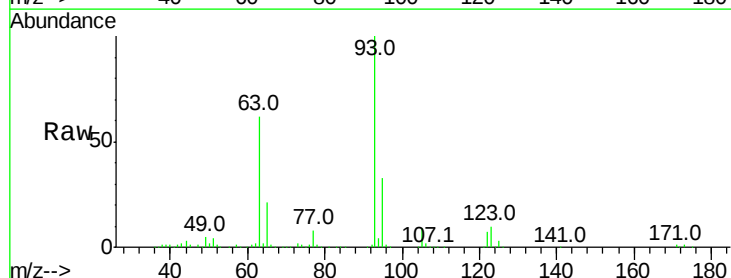
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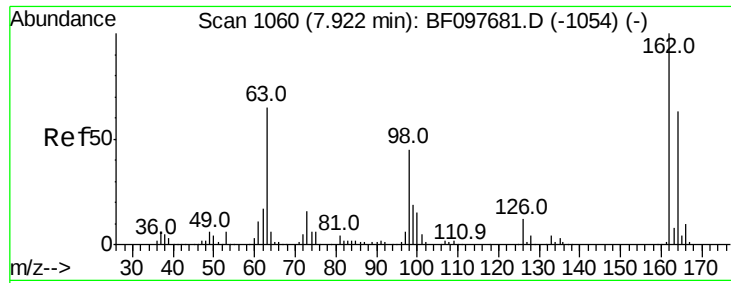
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.433 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion:	93	Resp:	567954
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.5	39.7
123	10.2	9.0	13.4





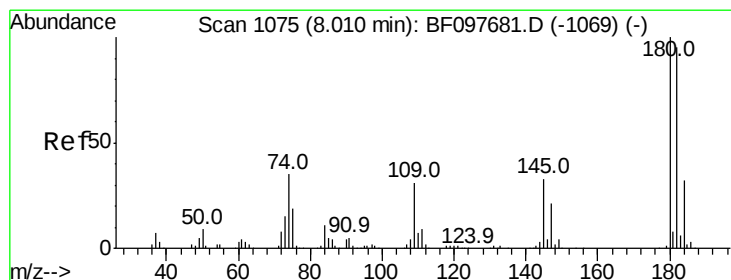
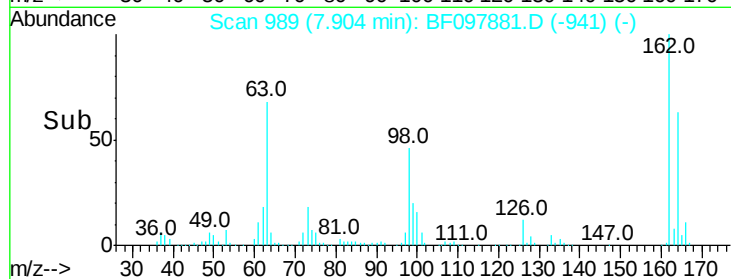
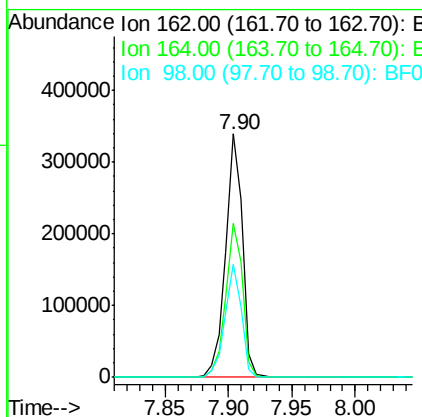
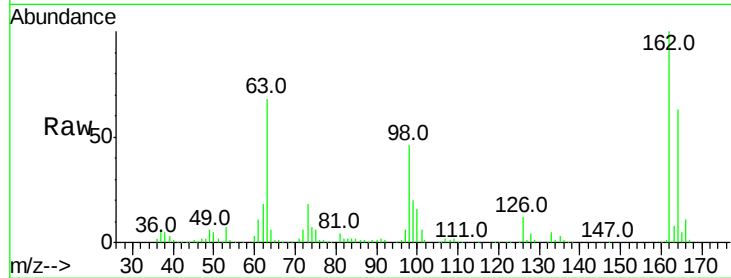
#29
 2,4-Dichlorophenol
 Concen: 34.883 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion:	162	Resp:	312048
Ion Ratio	Lower	Upper	
162	100		
164	63.2	44.6	84.6
98	46.4	14.8	54.8

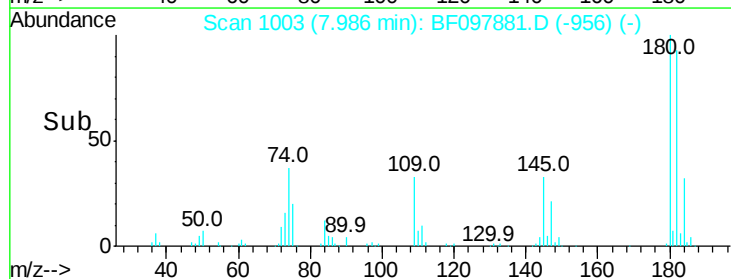
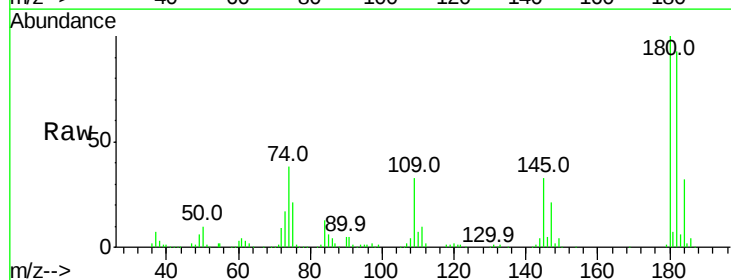
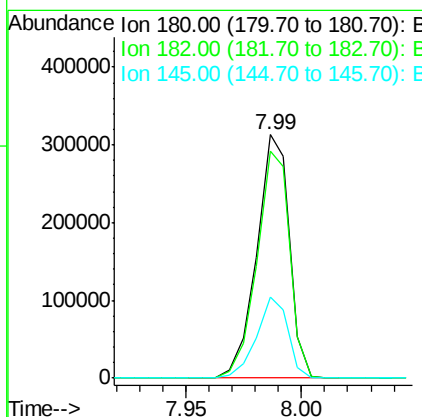
Manual Integrations
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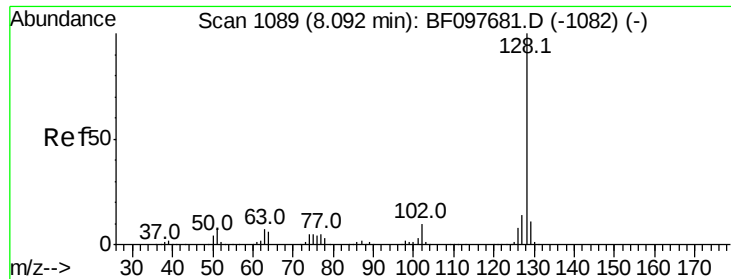
Sohil
 8/21/2017 5:20:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 30.975 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion:	180	Resp:	307169
Ion Ratio	Lower	Upper	
180	100		
182	93.1	75.8	113.6
145	33.1	25.3	37.9





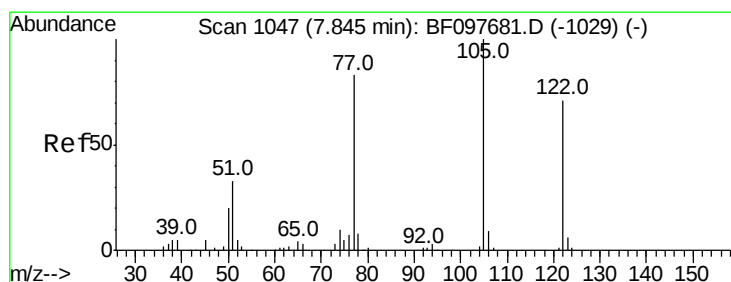
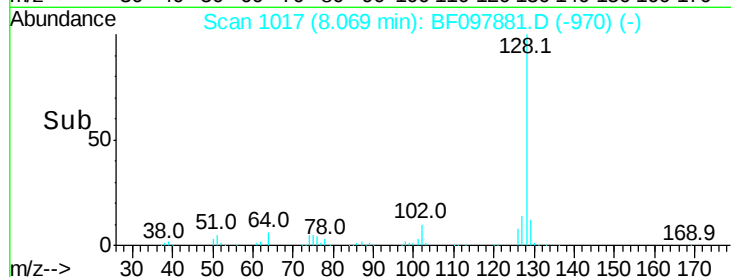
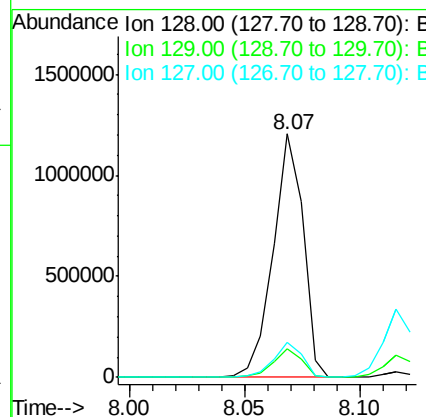
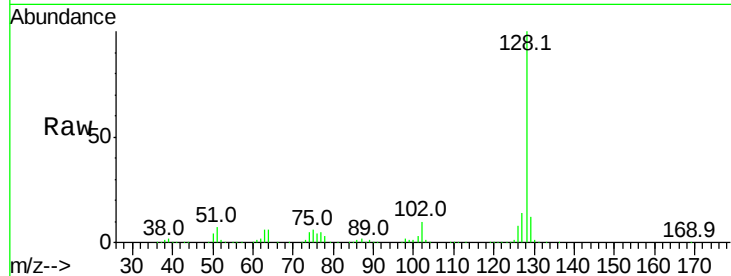
#31
Naphthalene
Concen: 31.029 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	10.8	16.2

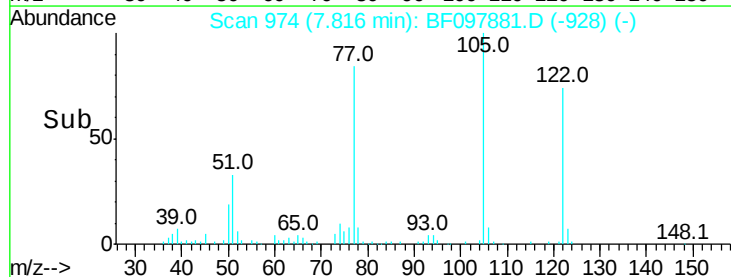
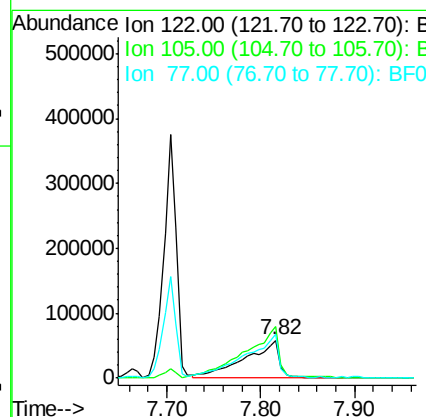
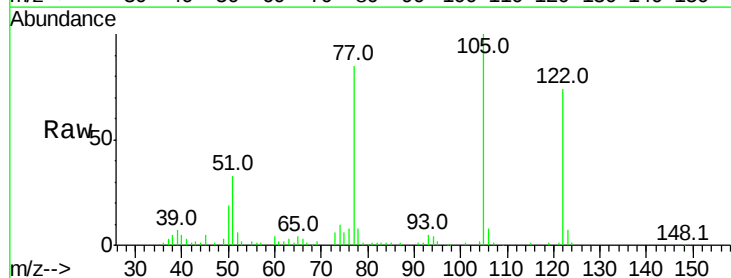
Manual Integrations
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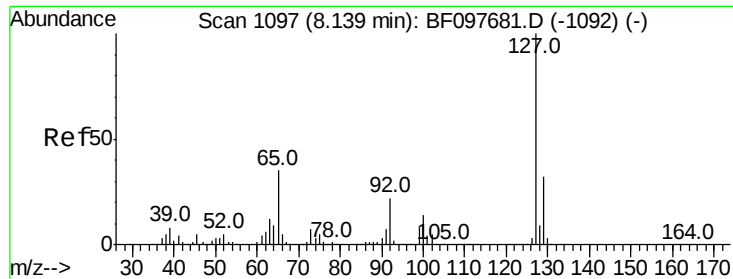
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#32
Benzoic acid
Concen: 22.466 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	103.3	143.3
77	115.3	73.7	113.7





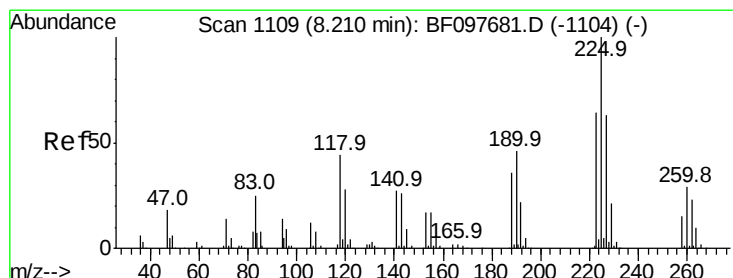
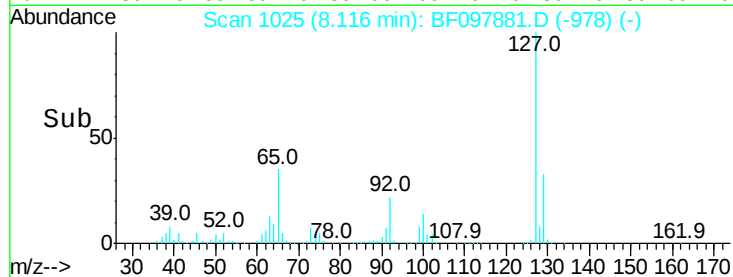
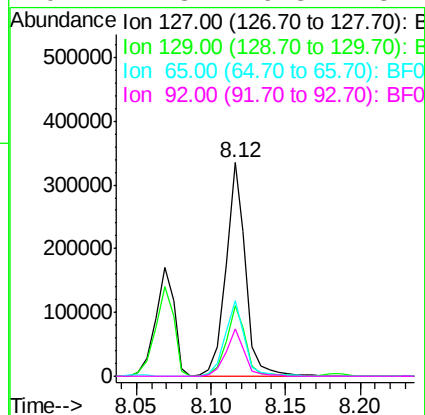
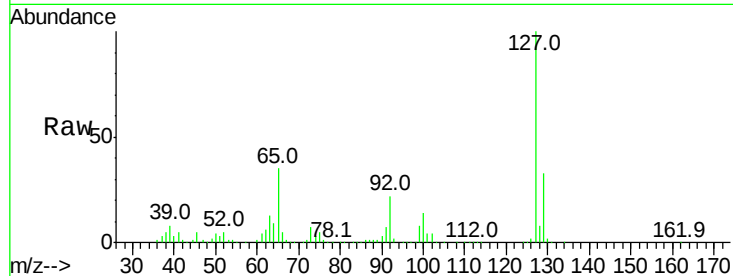
#33
4-Chloroaniline
Concen: 20.930 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.3	27.8	41.8
92	22.3	16.8	25.2

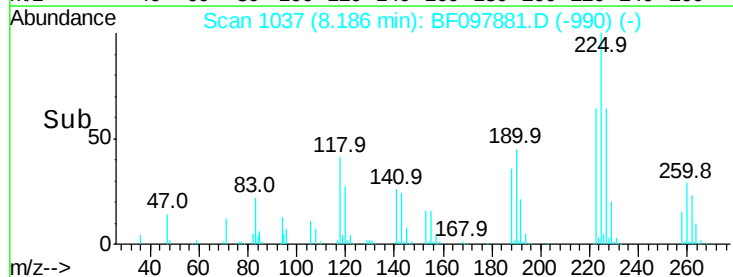
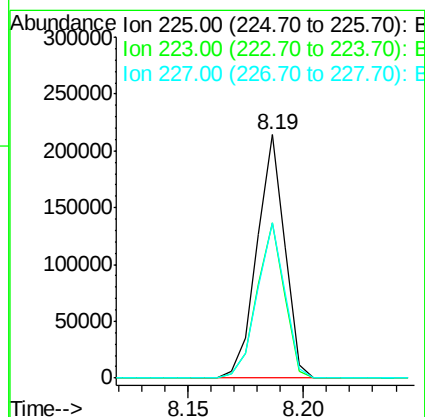
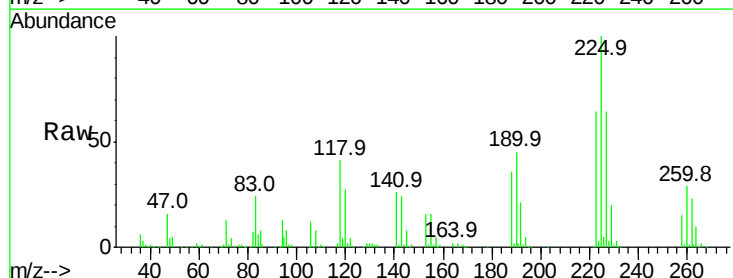
Manual Integrations
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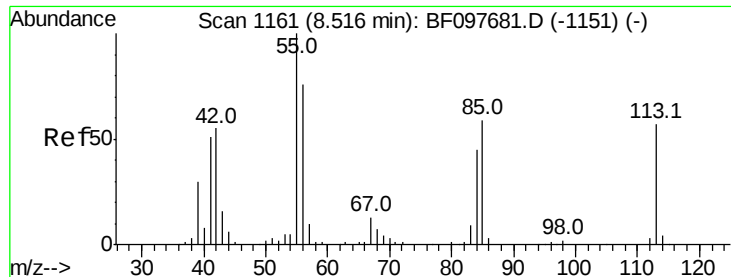
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#34
Hexachlorobutadiene
Concen: 31.111 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.7	48.8	73.2
227	63.6	51.1	76.7





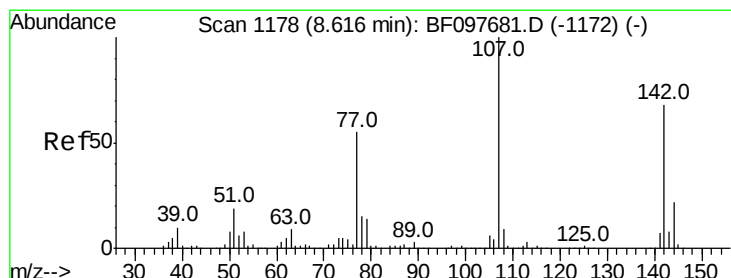
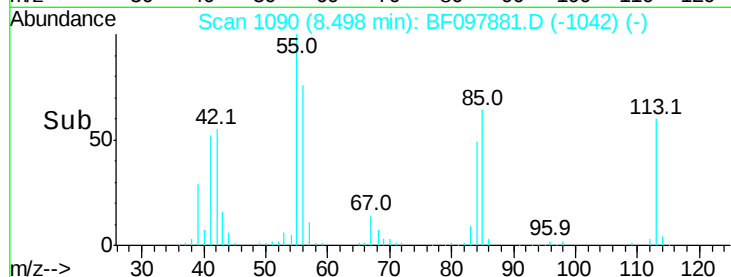
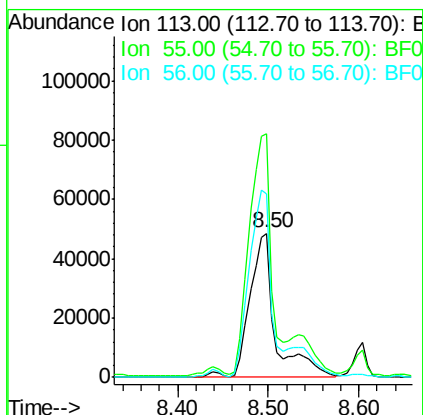
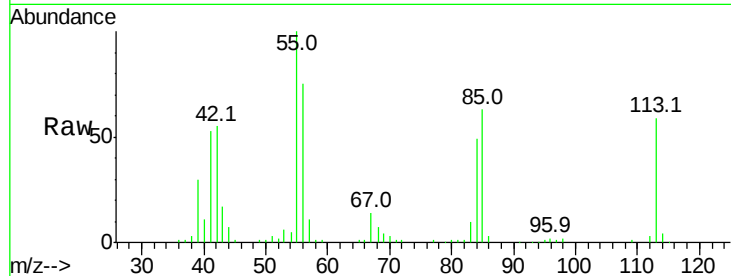
#35
 Caprolactam
 Concen: 31.514 ng/ml
 RT: 8.50 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	169.2	150.2	190.2
56	127.5	107.8	147.8

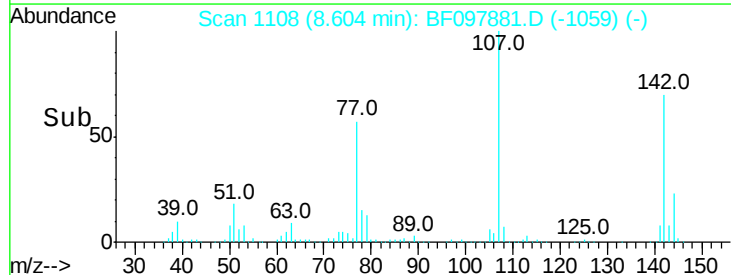
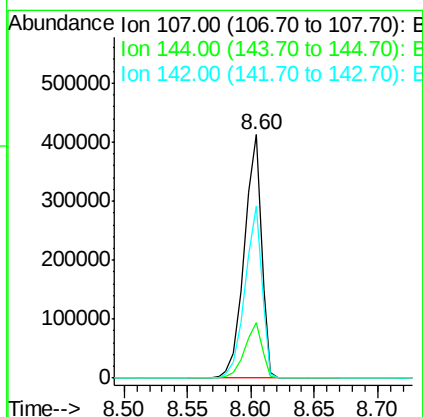
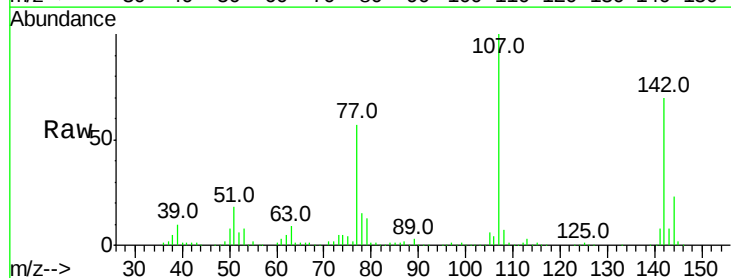
Manual Integrations
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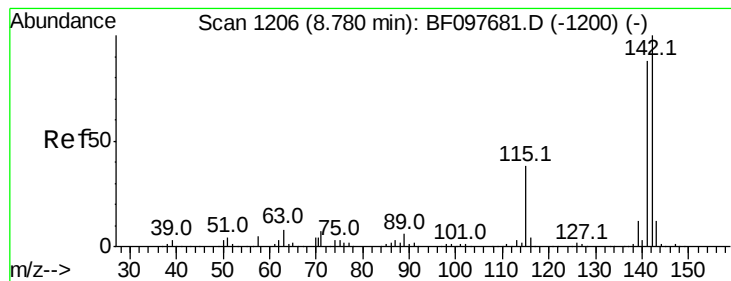
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#36
 4-Chloro-3-methylphenol
 Concen: 33.651 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	24.2	36.4#
142	70.4	73.4	110.0#





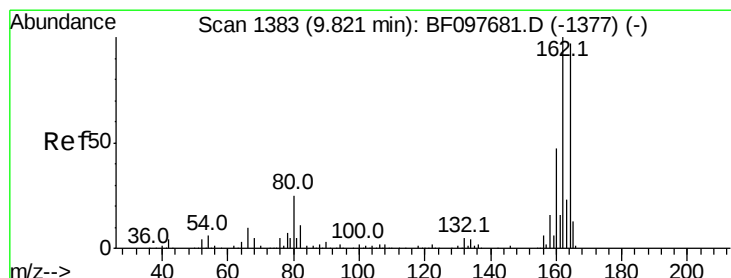
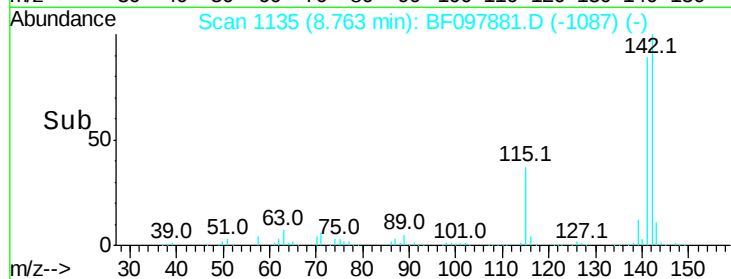
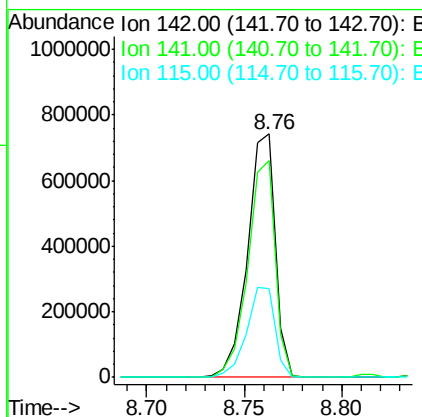
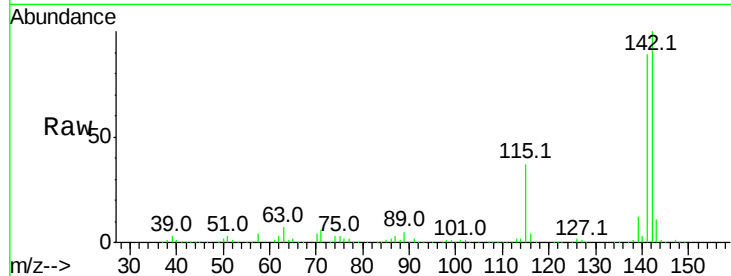
#37
2-Methylnaphthalene
Concen: 34.055 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	36.5	27.1	40.7

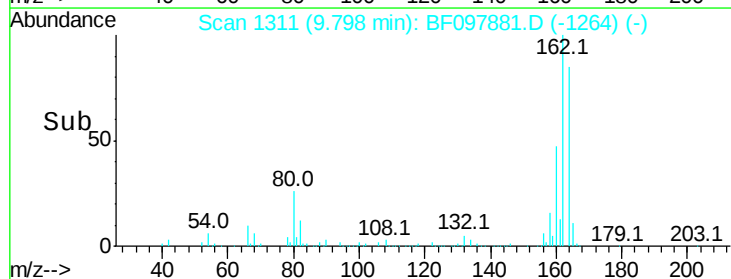
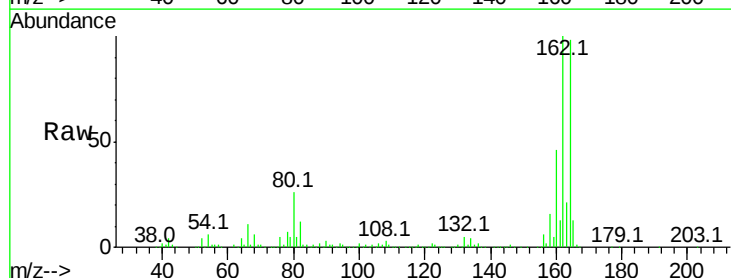
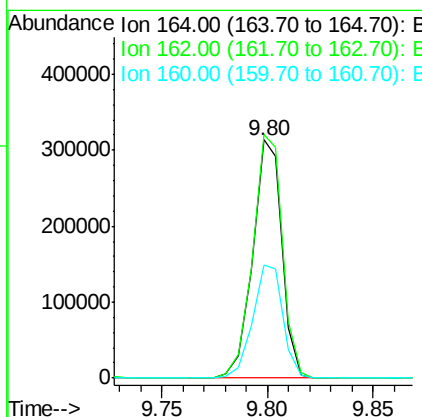
Manual Integrations
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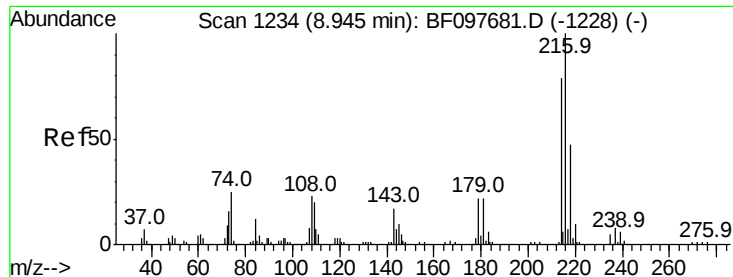
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	47.3	36.2	54.2





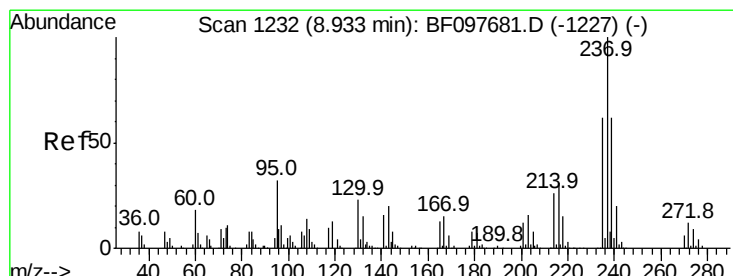
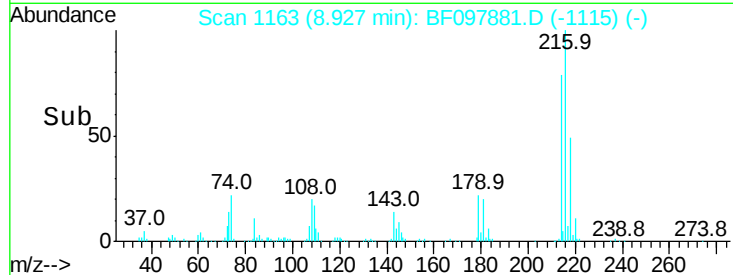
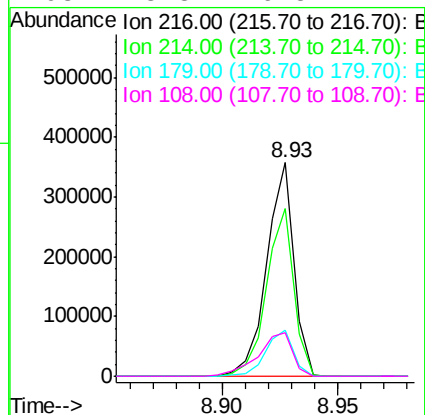
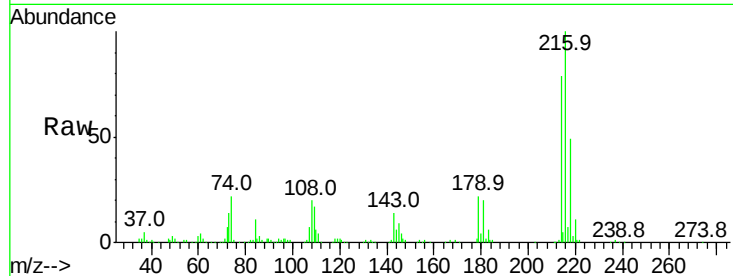
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.810 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampled :
 PI-1(3)MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.8	17.9	26.9
108	25.8	16.5	24.7

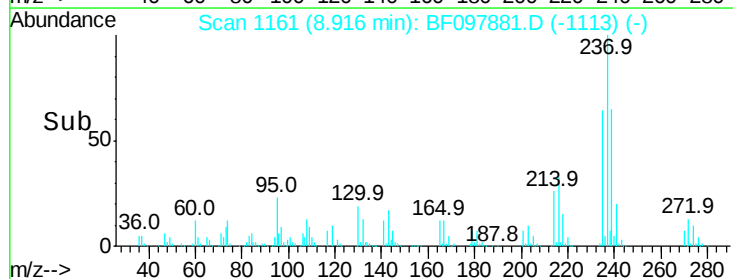
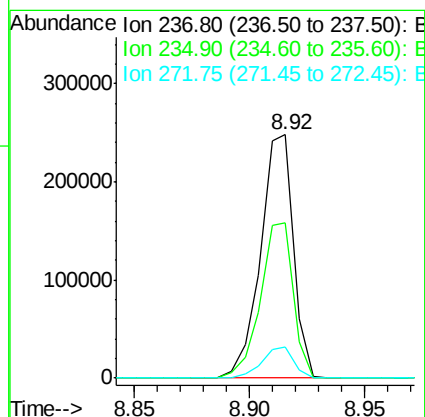
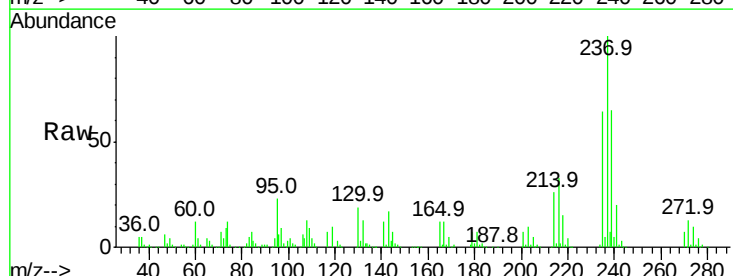
Manual Integrations
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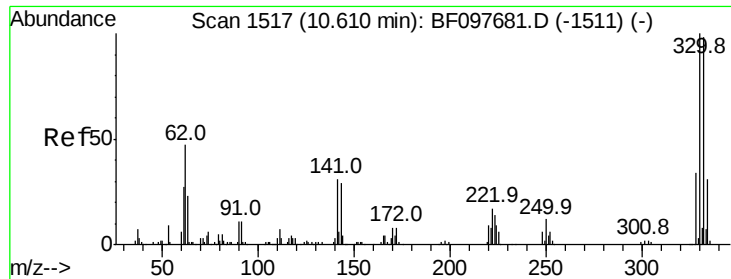
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 55.678 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	42.6	82.6
272	12.7	0.0	31.9





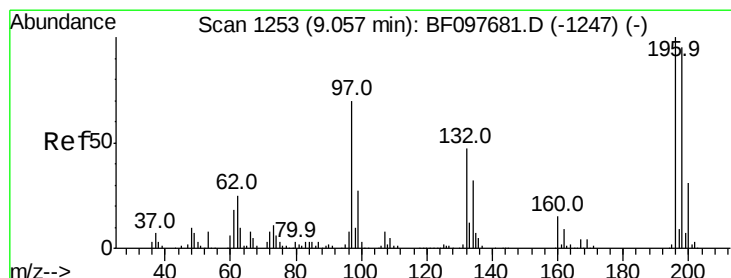
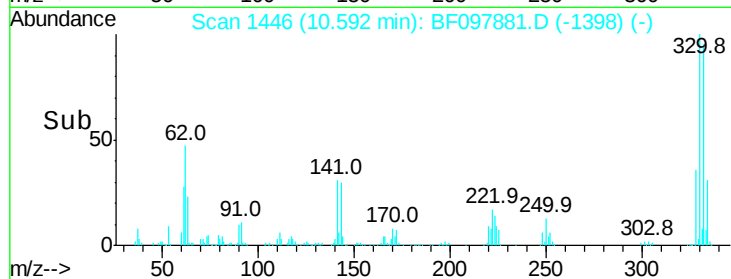
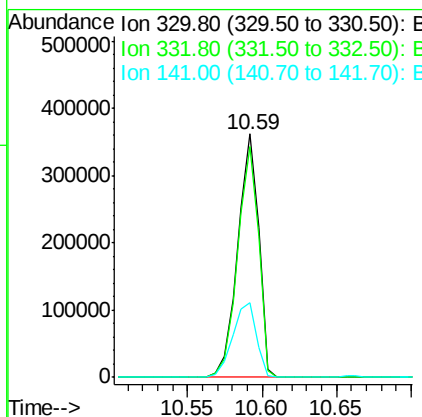
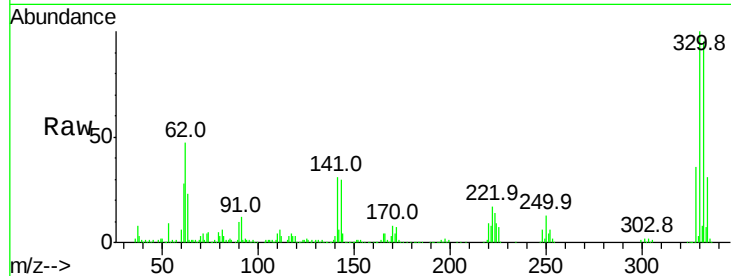
#41
 2,4,6-Tribromophenol
 Concen: 136.207 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampled :
 PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	76.6	115.0	
141	34.8	31.4	47.2	

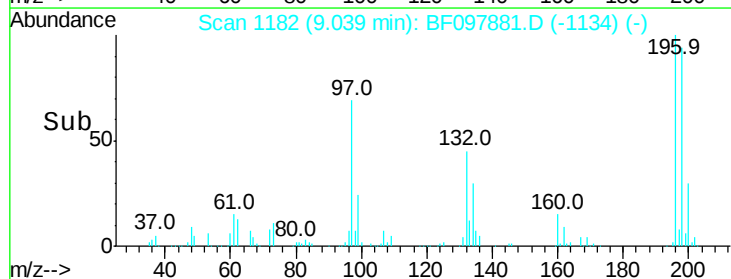
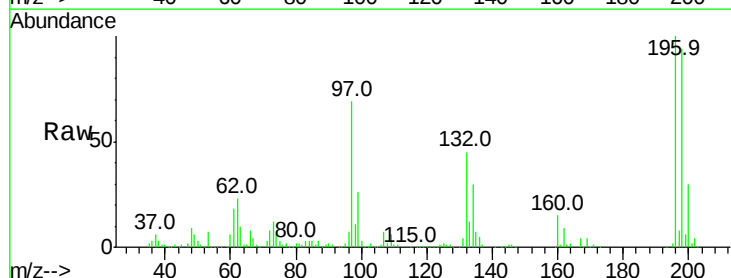
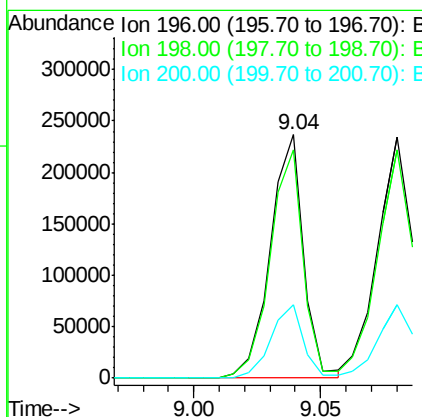
Manual Integrations
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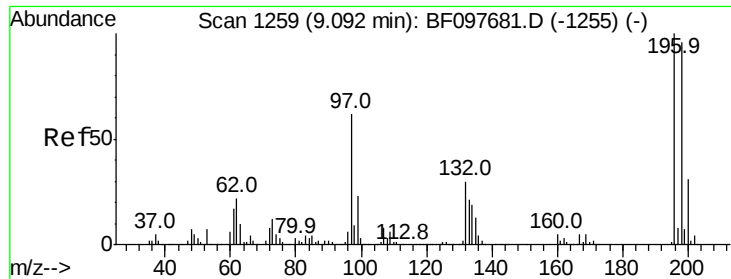
Sohil
 8/21/2017 5:20:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.057 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.6	74.2	111.4	
200	30.4	24.0	36.0	





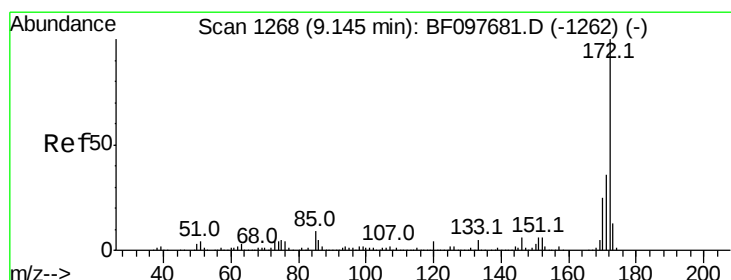
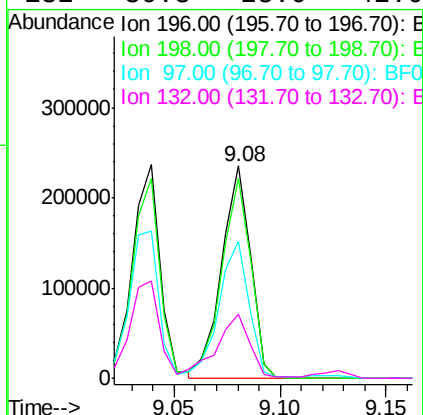
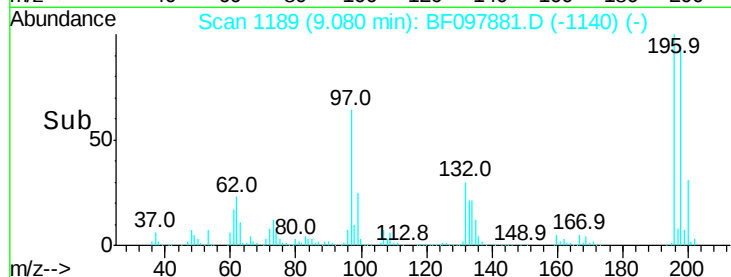
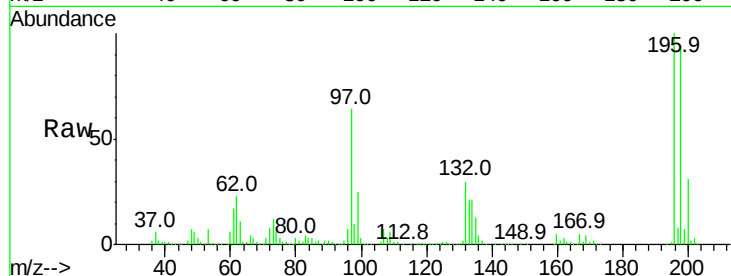
#43
 2,4,5-Trichlorophenol
 Concen: 36.268 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	196	Resp	223193
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.7	113.5
97	64.4	47.7	71.5
132	30.3	28.0	42.0

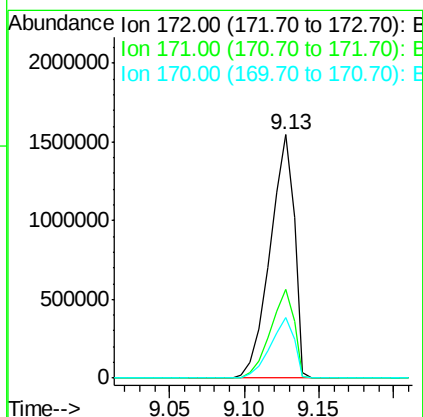
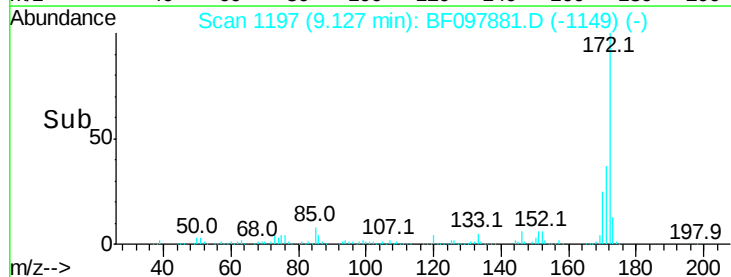
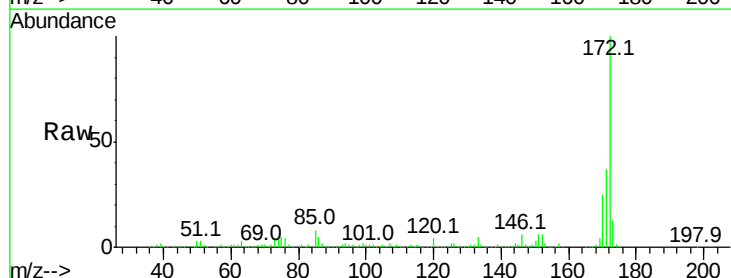
Manual Integrations
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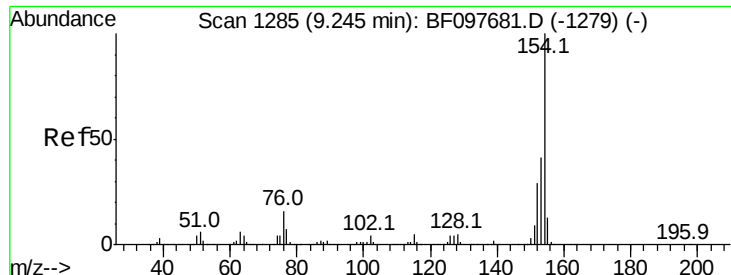
Sohil
 8/21/2017 5:20:00 PM



#44
 2-Fluorobiphenyl
 Concen: 84.646 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	172	Resp	1734537
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.9	19.8	29.8





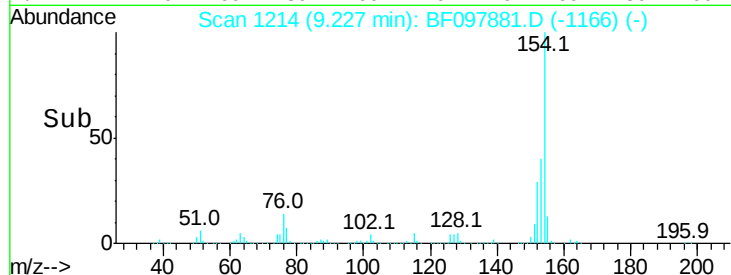
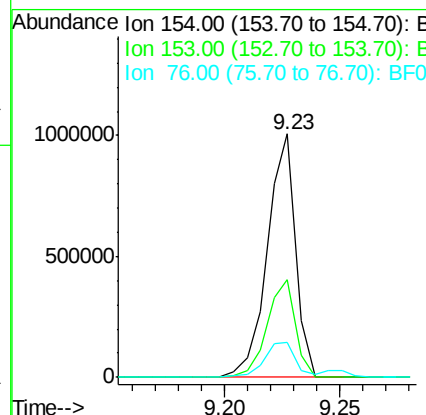
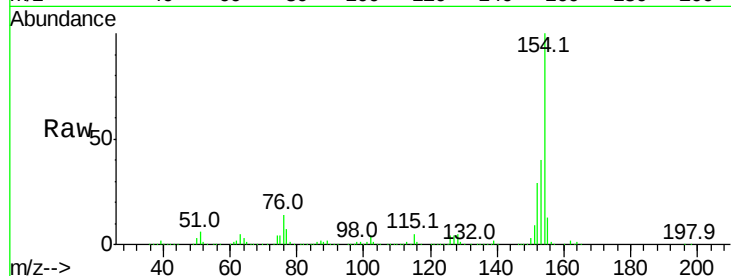
#45
 1,1'-Biphenyl
 Concen: 31.167 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.2	61.2	
76	14.4	0.0	29.9	

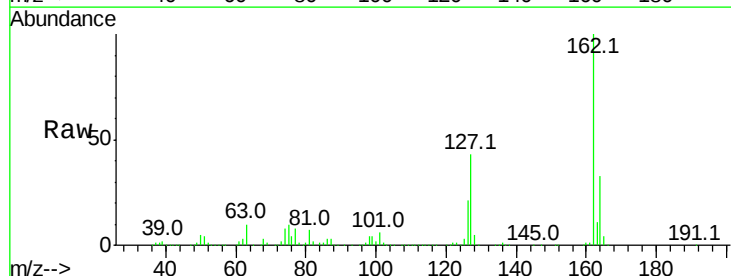
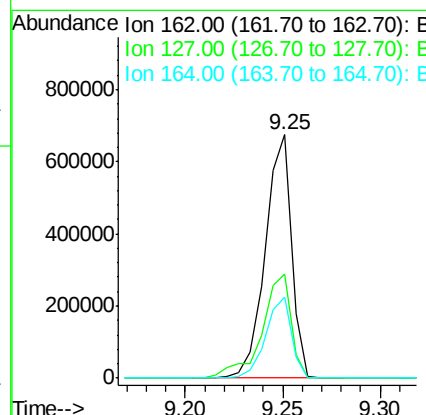
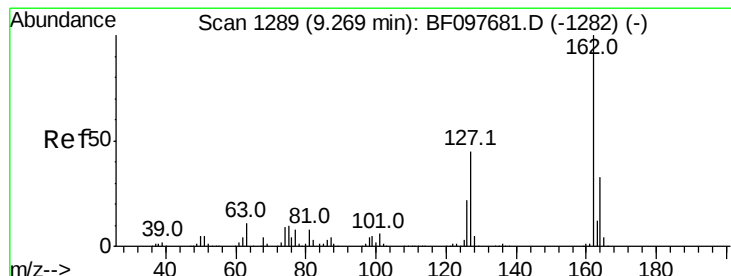
Manual Integrations
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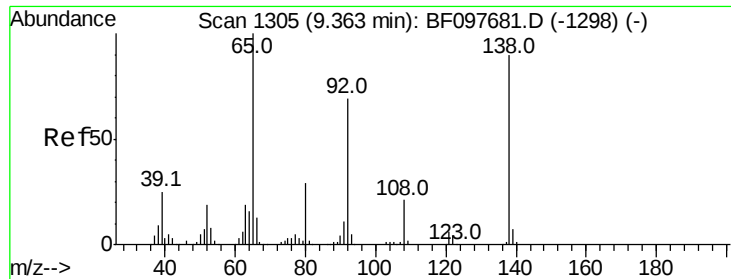
Sohil
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#46
 2-Chloronaphthalene
 Concen: 31.010 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.5	28.3	42.5#	
164	33.3	27.0	40.4	





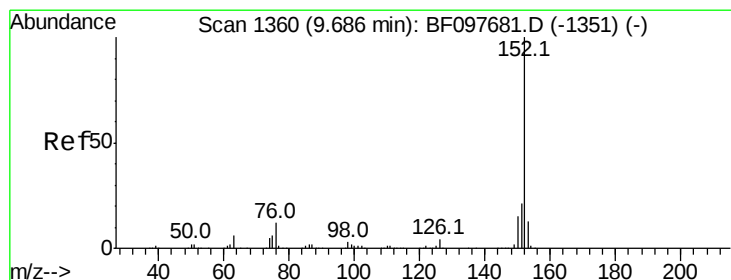
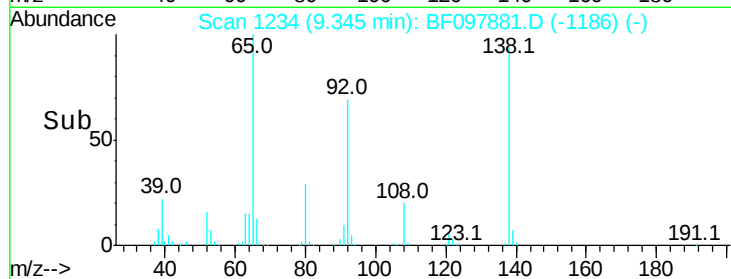
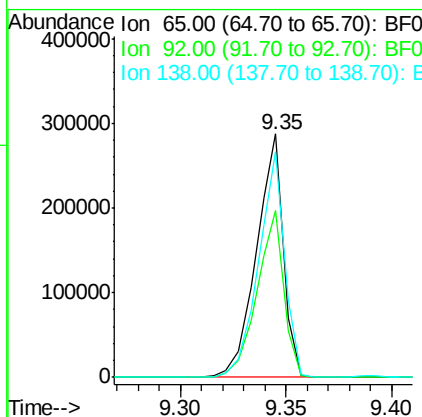
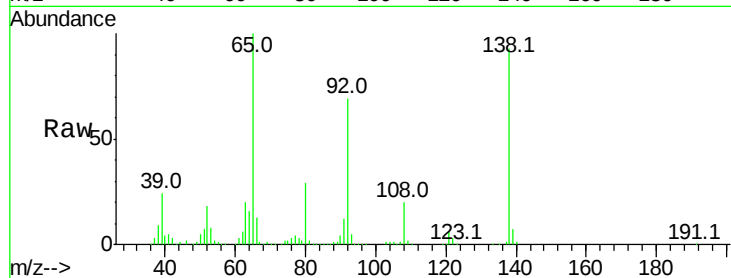
#47
2-Nitroaniline
Concen: 37.390 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.7	53.9	80.9
138	92.7	78.8	118.2

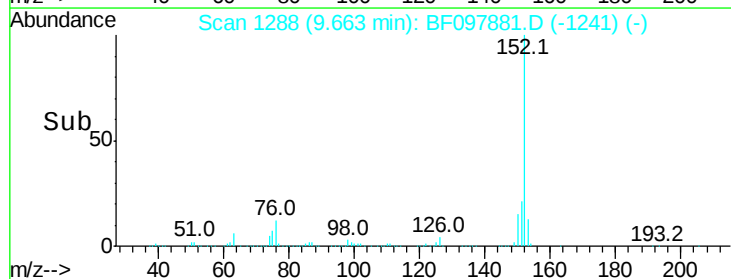
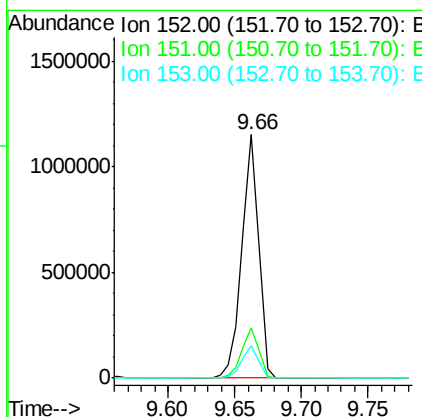
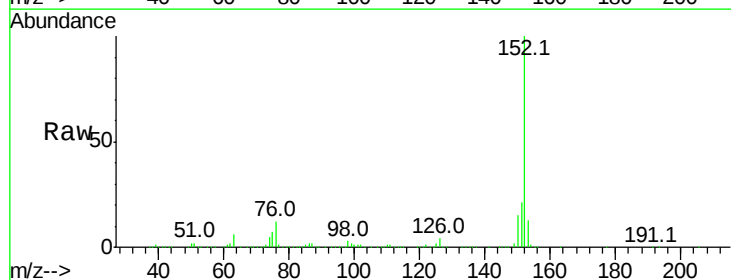
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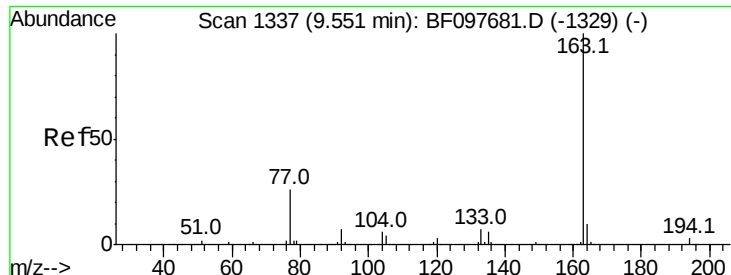
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#48
Acenaphthylene
Concen: 31.953 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.2	10.8	16.2





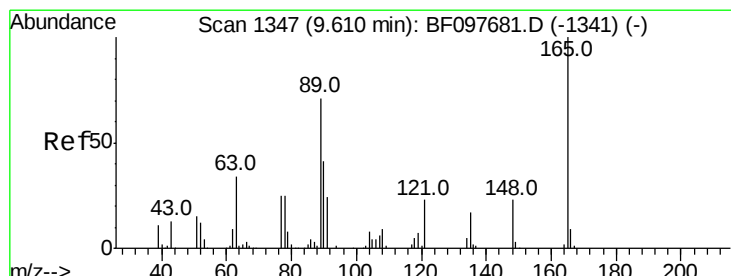
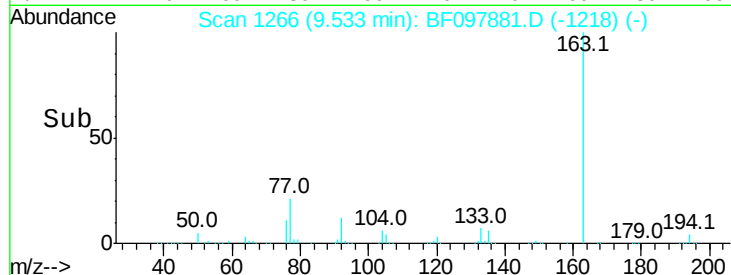
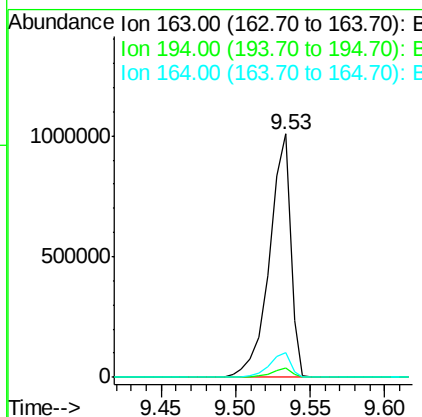
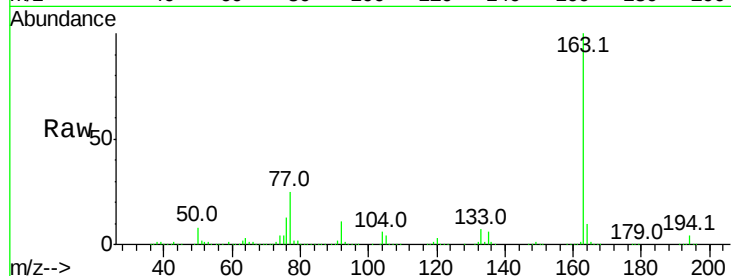
#49
Dimethylphthalate
Concen: 44.818 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampled :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	986302		
194	3.7		2.6	4.0
164	10.1		8.4	12.6

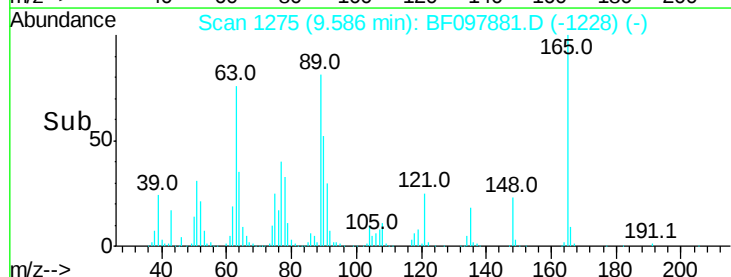
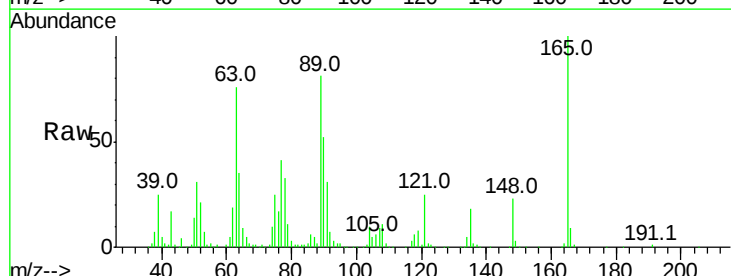
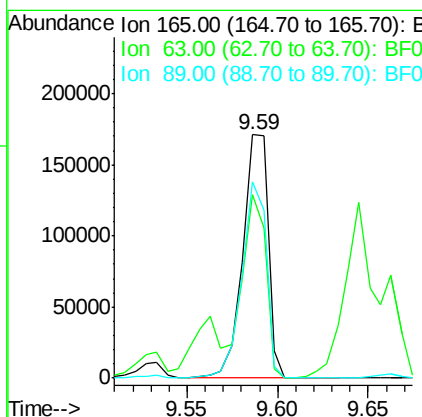
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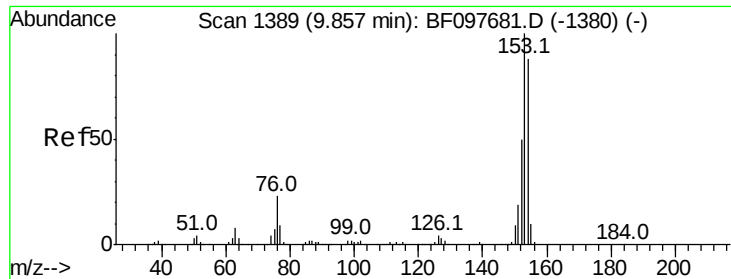
Sohil
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#50
2,6-Dinitrotoluene
Concen: 38.077 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167262		
63	75.5		34.3	51.5#
89	80.9		37.1	55.7#





#51

Acenaphthene

Concen: 33.047 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

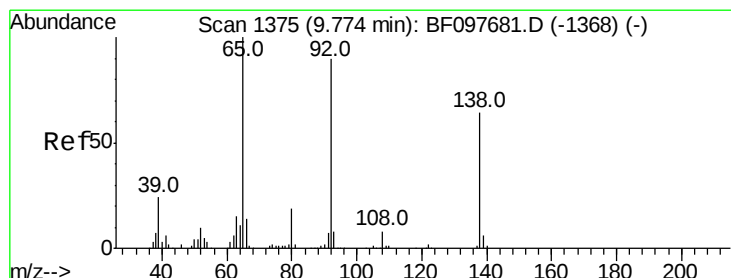
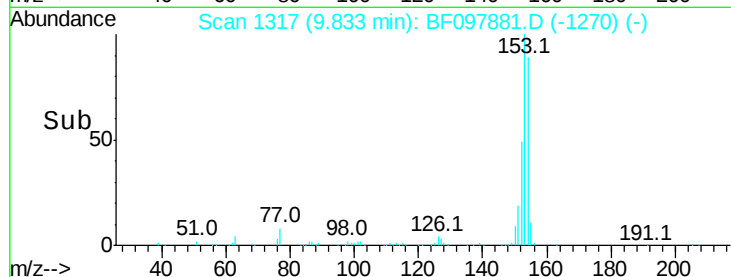
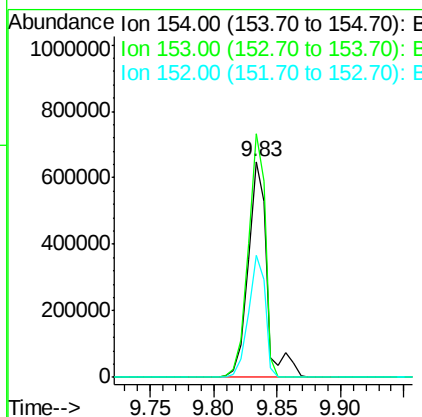
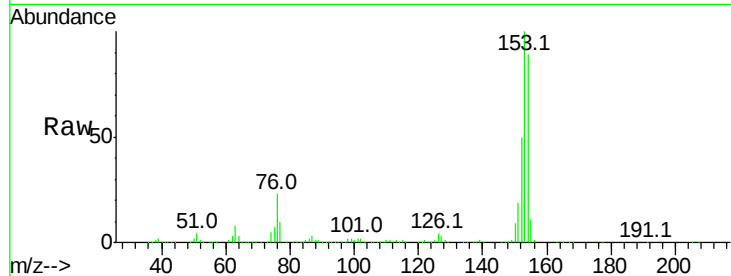
ClientSampleID :

PI-1(3)MS

Tot Ion:	154	Resp:	663926
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.5	135.7
152	56.5	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.769 ng

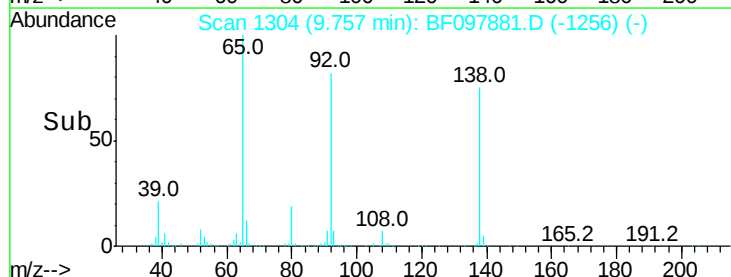
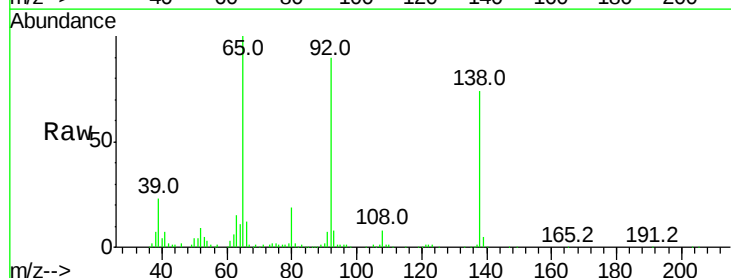
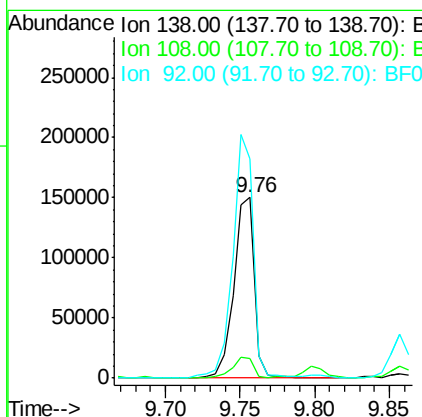
RT: 9.76 min Scan# 1304

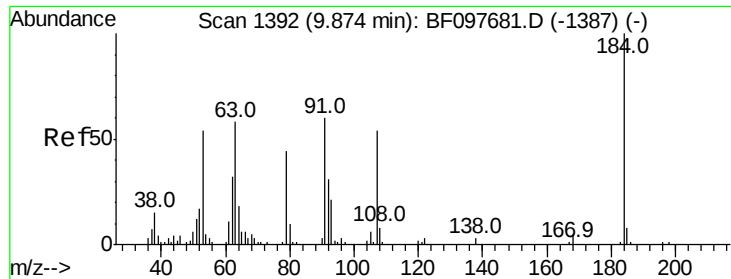
Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	138	Resp:	146044
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.1	13.7
92	121.2	93.8	140.6





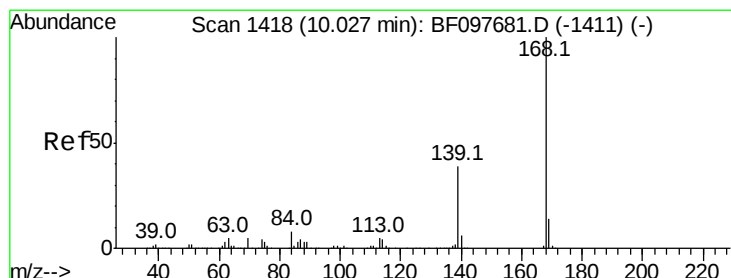
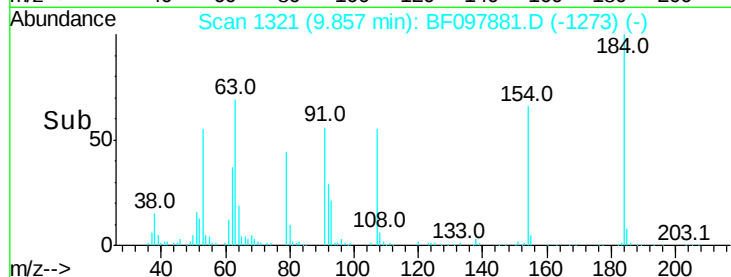
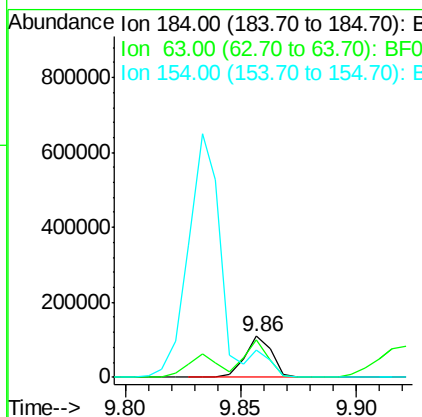
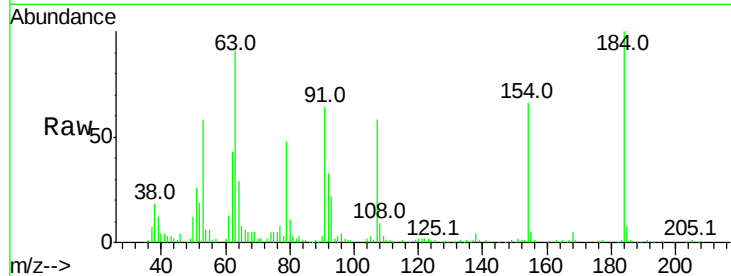
#53
2,4-Dinitrophenol
Concen: 47.671 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	90.6	62.7	94.1	
154	66.2	81.1	121.7	

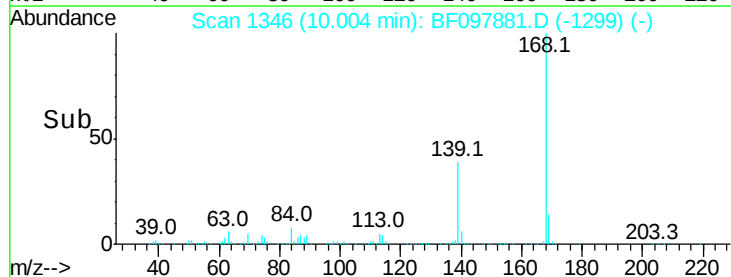
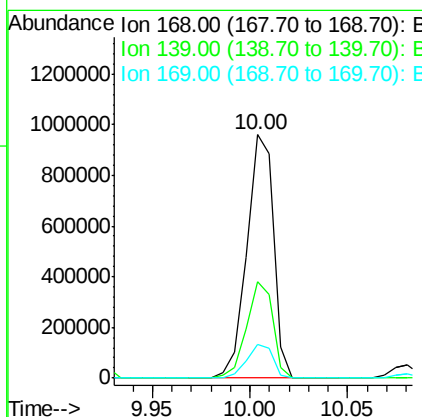
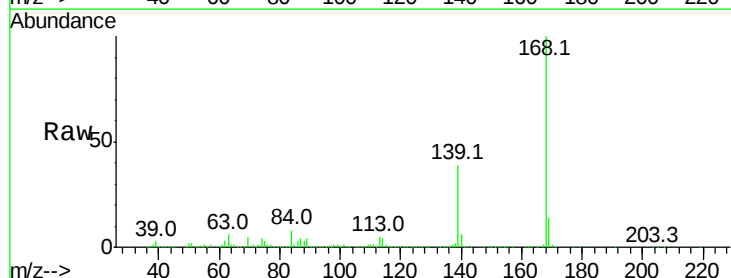
Manual Integrations
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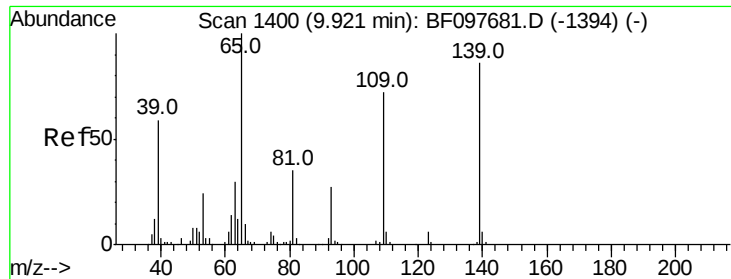
Sohil
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#54
Dibenzofuran
Concen: 33.744 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

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





#55

4-Nitrophenol

Concen: 57.915 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

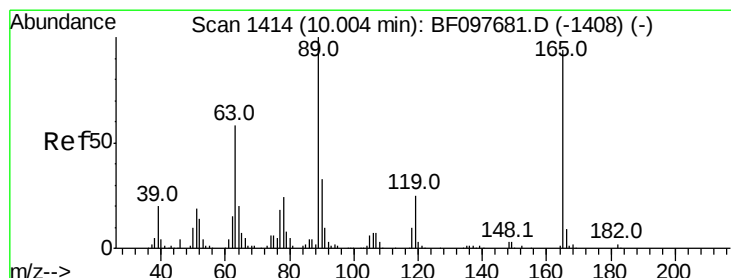
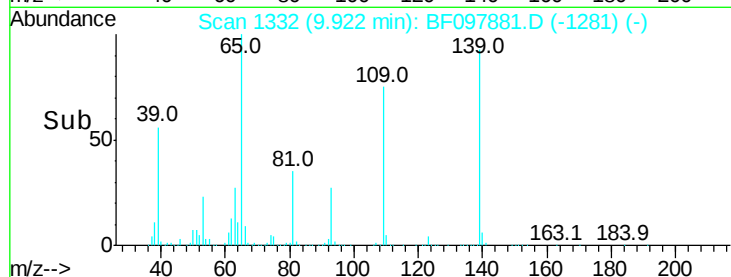
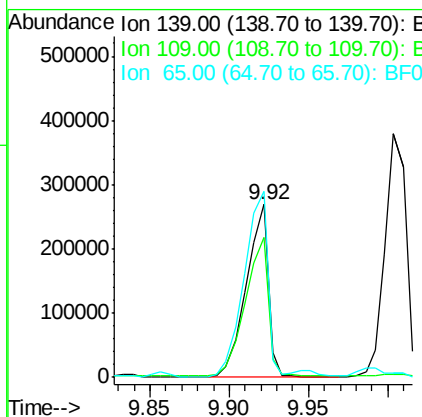
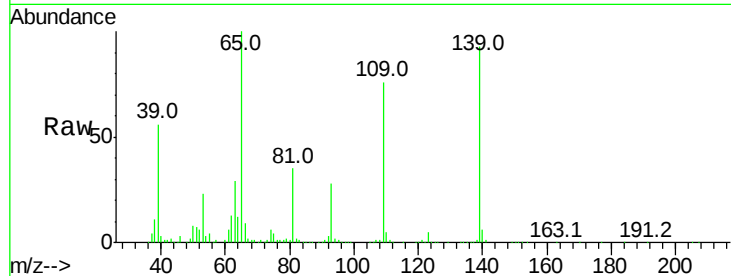
ClientSampleId :

PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	81.2	34.1	74.1#	
65	107.4	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 38.757 ng

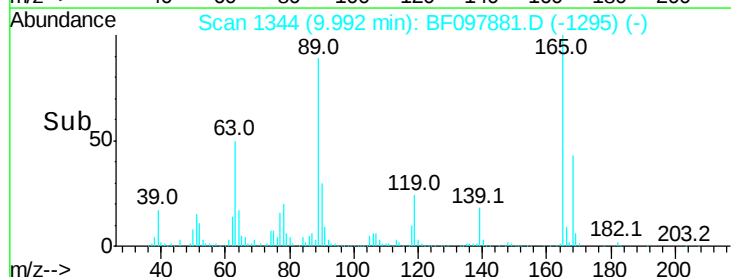
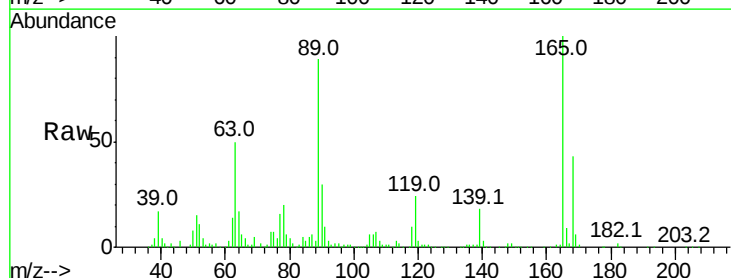
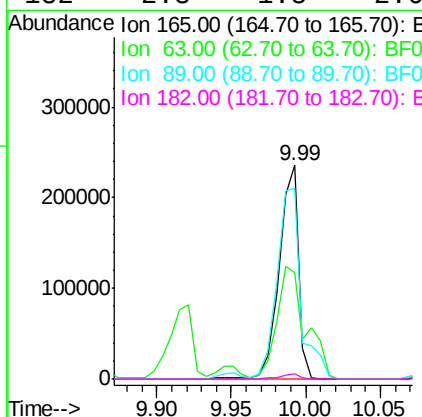
RT: 9.99 min Scan# 1344

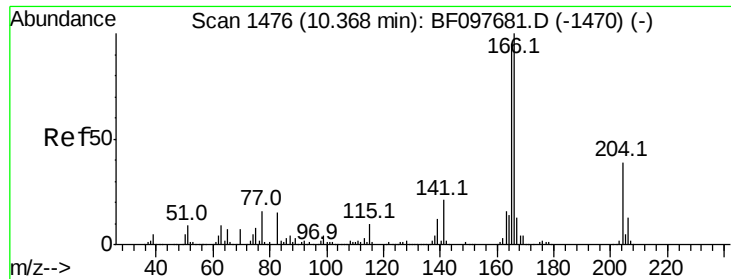
Delta R.T. -0.01 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.8	25.4	38.0#	
89	89.3	46.4	69.6#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 31.099 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MS

Tot Ion:166 Resp: 647415

Ion Ratio Lower Upper

166 100

165 94.7 78.8 118.2

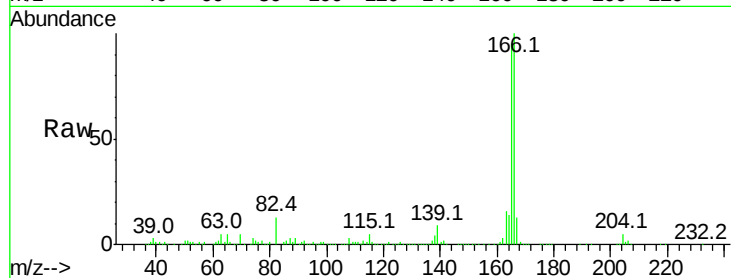
167 13.1 10.6 16.0

Manual Integrations

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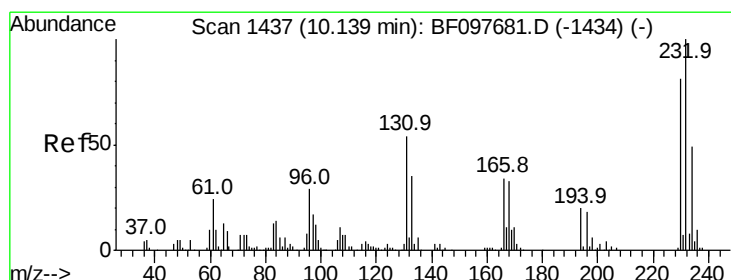
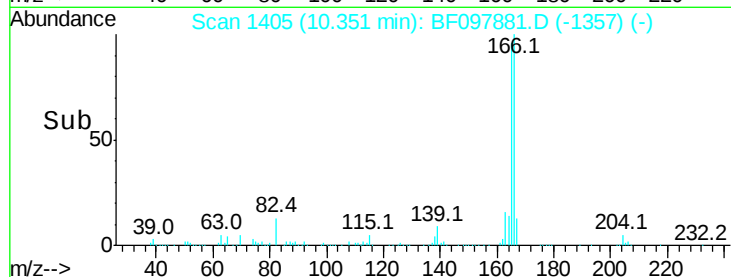
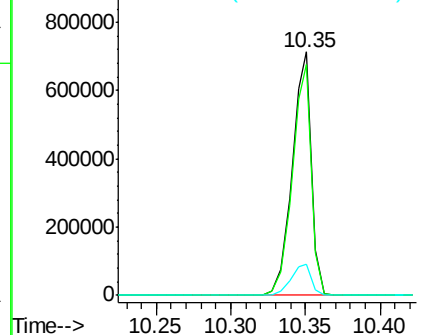
8/21/2017 5:20:00 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.623 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:232 Resp: 174496

Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 2.9 2.3 3.5

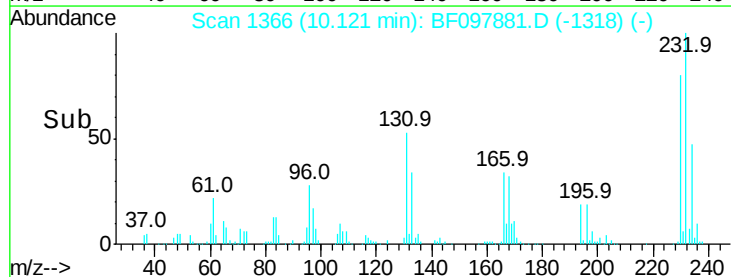
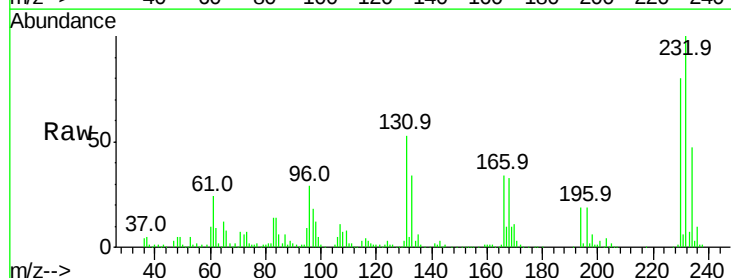
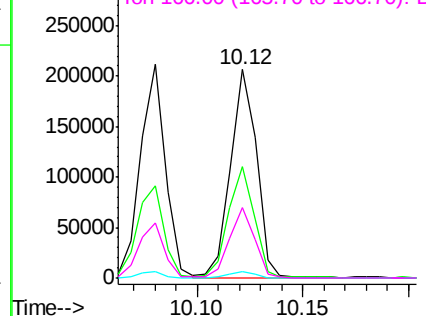
166 33.3 29.0 43.4

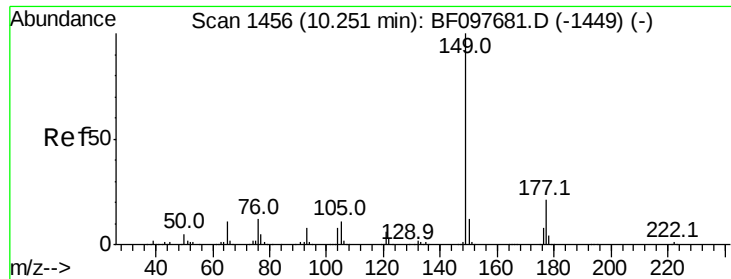
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





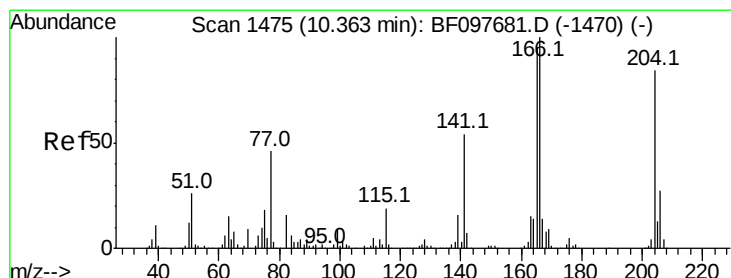
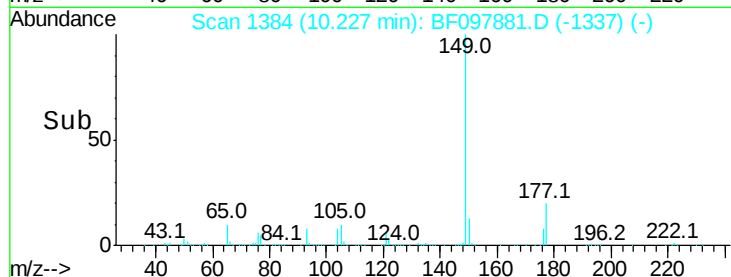
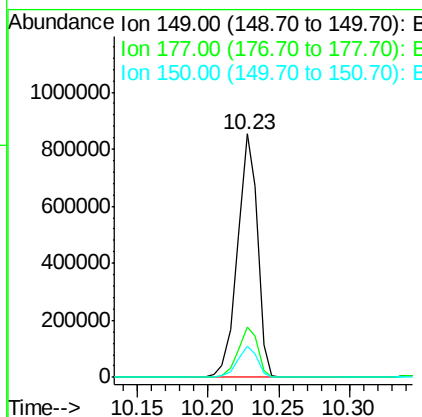
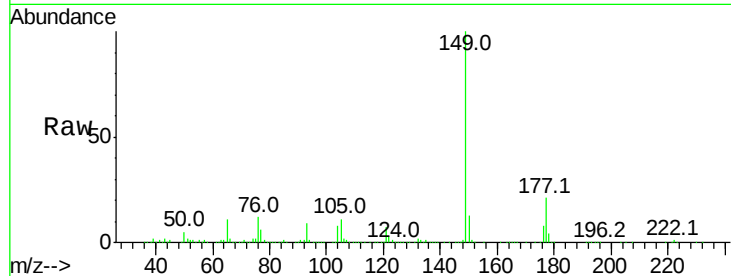
#59
Diethylphthalate
Concen: 36.155 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampled :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.7	25.1
150	12.6	10.2	15.2

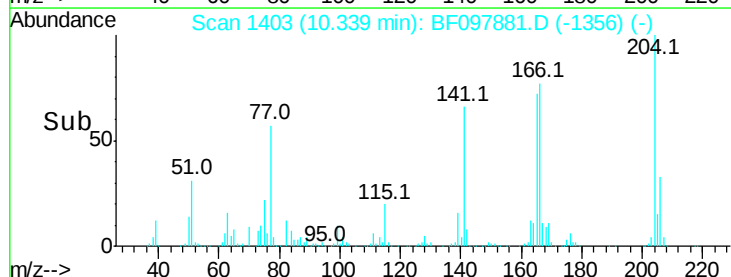
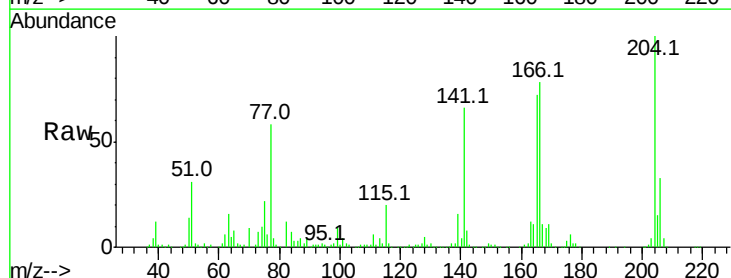
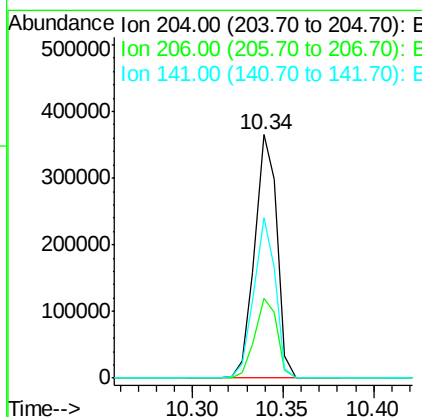
Manual Integrations
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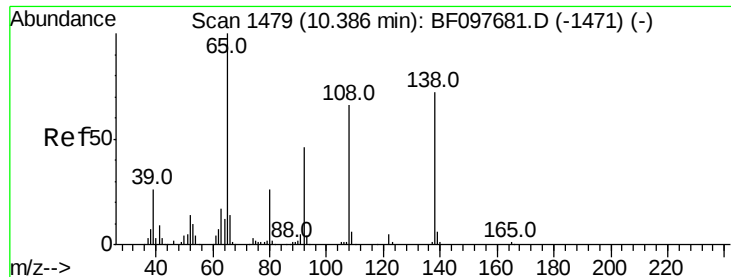
Sohil
8/21/2017 5:20:00 PM



#60
4-Chlorophenyl-phenylether
Concen: 32.362 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	66.1	60.8	91.2





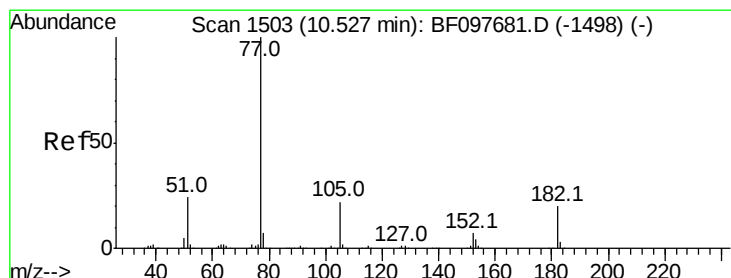
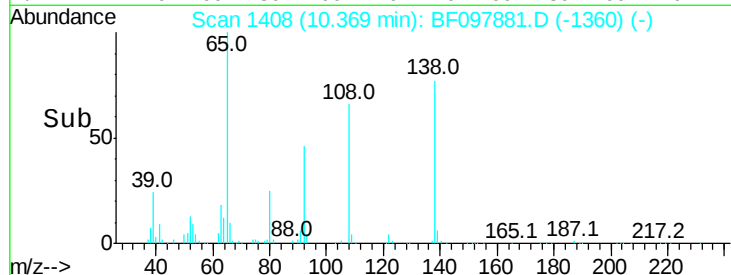
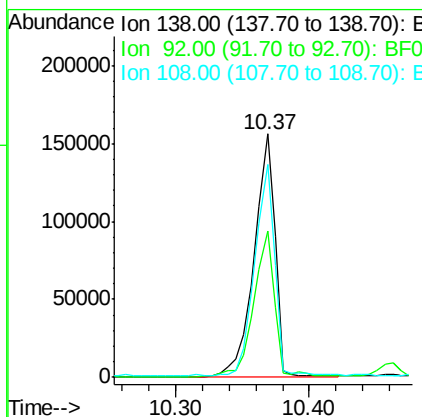
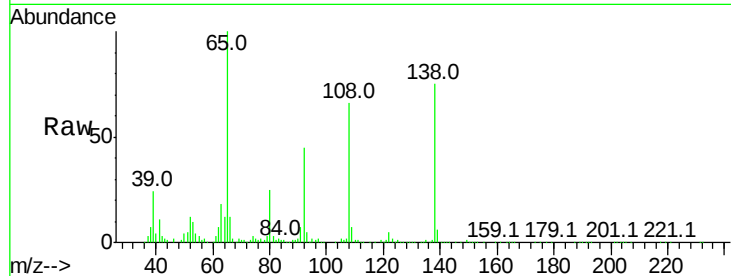
#61
4-Nitroaniline
Concen: 30.734 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	165550		
92	60.0	21.8	61.8	
108	87.6	42.3	82.3	

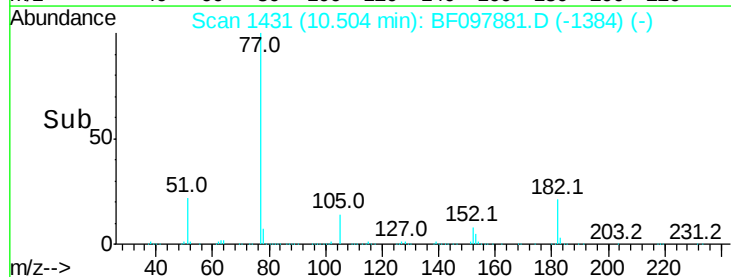
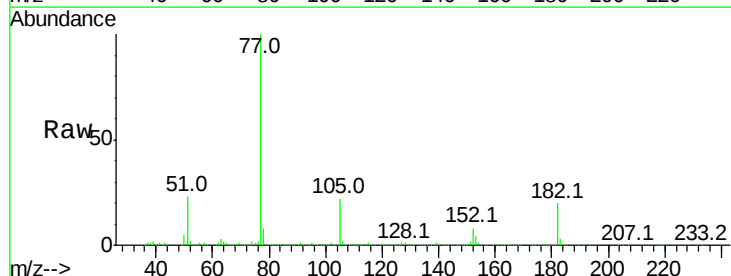
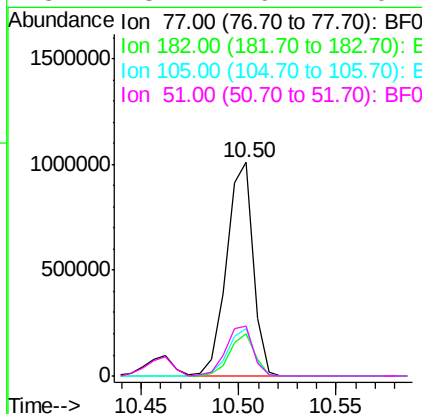
Manual Integrations
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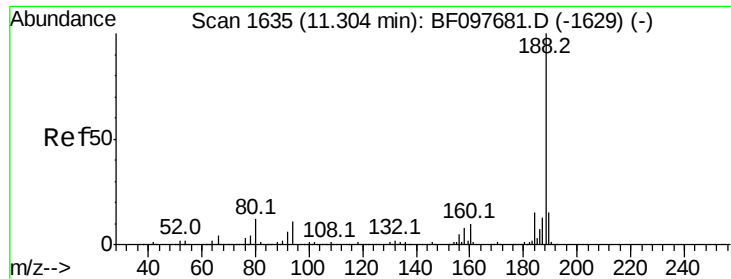
Sohil
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#62
Azobenzene
Concen: 34.667 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	947662		
182	20.0	0.1	40.1	
105	21.9	3.6	43.6	
51	23.2	9.4	49.4	





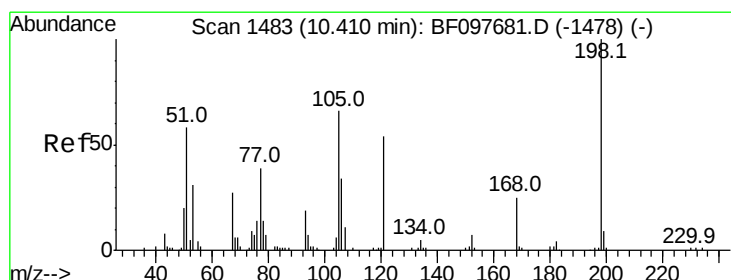
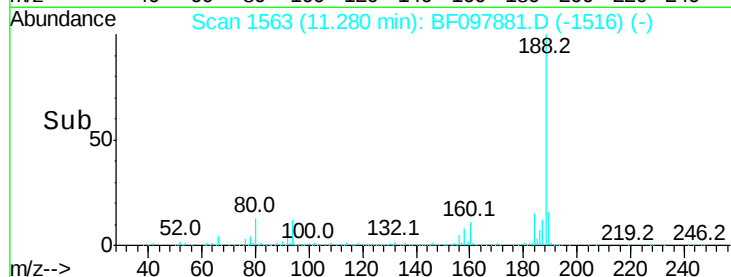
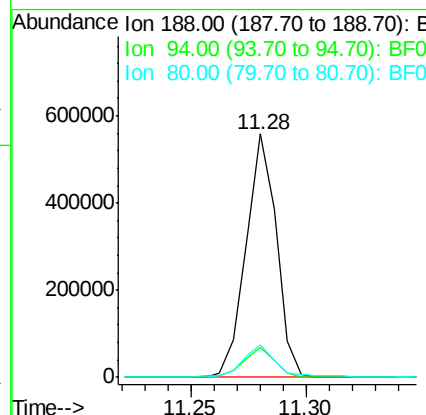
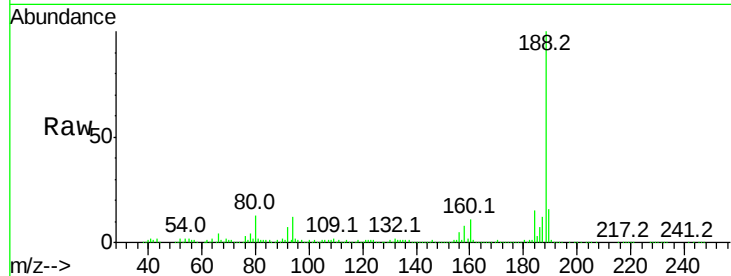
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.3	9.4	14.2	
80	13.1	10.2	15.2	

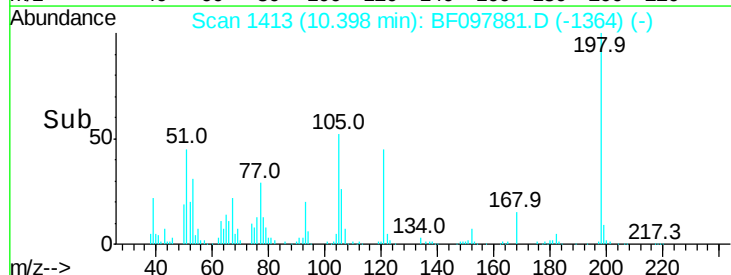
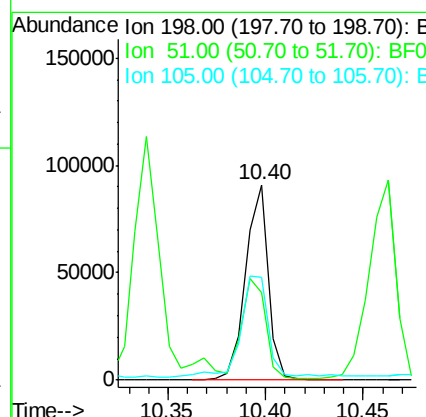
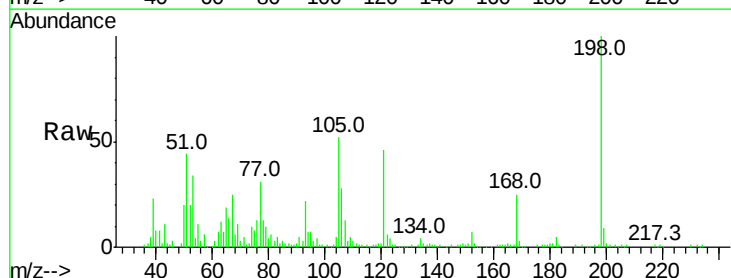
Manual Integrations
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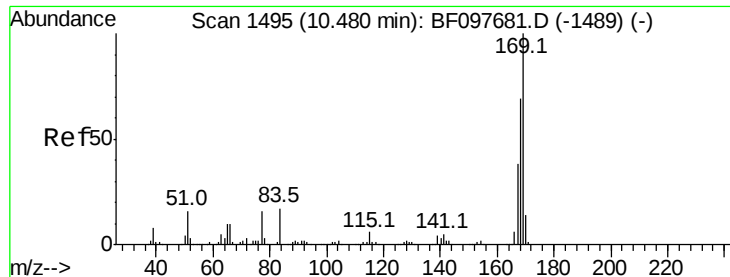
Sohil
8/21/2017 5:20:00 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.374 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.5	53.2	93.2#	
105	52.4	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 35.377 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MS

Tot Ion:169 Resp: 620168

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

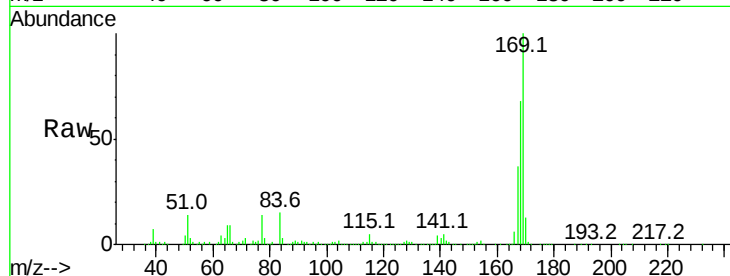
167 37.2 29.5 44.3

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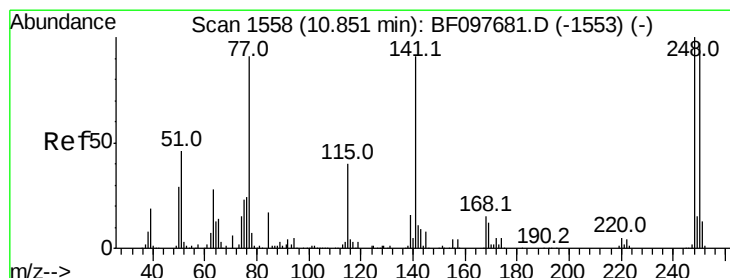
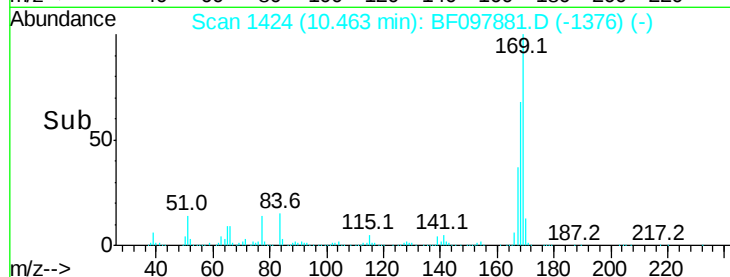
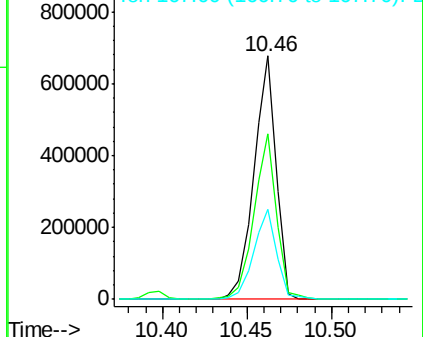
8/21/2017 5:20:00 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.305 ng

RT: 10.83 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

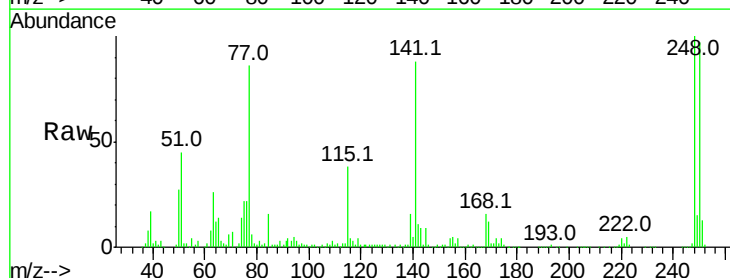
Tgt Ion:248 Resp: 199427

Ion Ratio Lower Upper

248 100

250 97.4 76.8 115.2

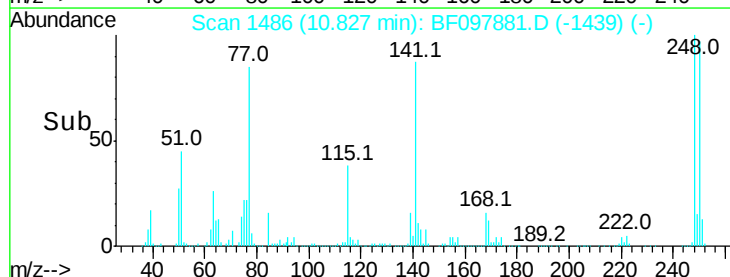
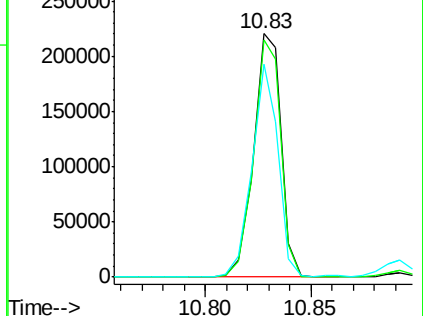
141 87.6 68.6 103.0

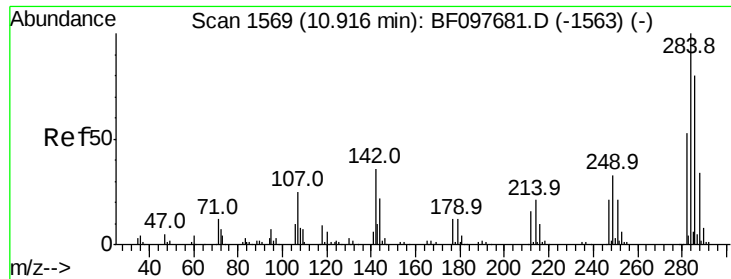


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 33.220 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

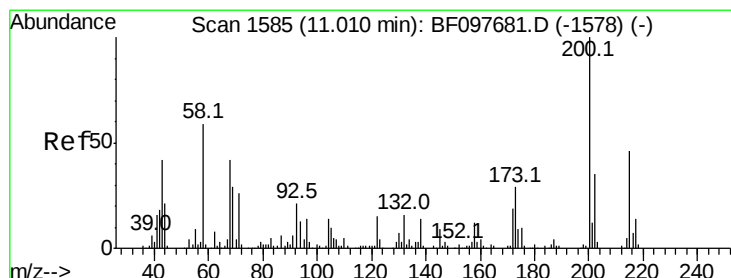
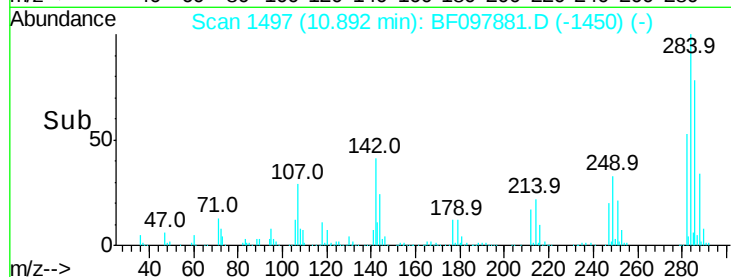
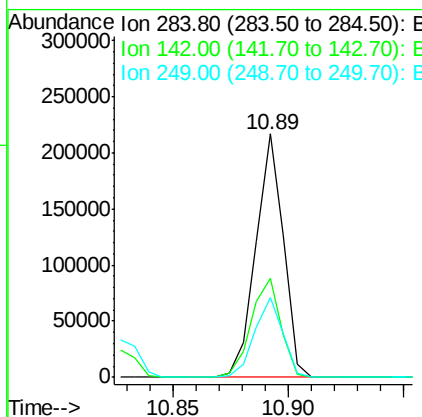
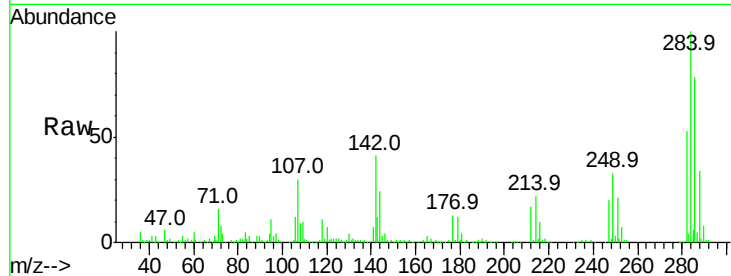
ClientSampled :

PI-1(3)MS

Tot Ion:	284	Resp:	181007
Ion Ratio		Lower	Upper
284	100		
142	40.8	22.8	34.2#
249	33.0	24.0	36.0

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#68

Atrazine

Concen: 41.179 ng

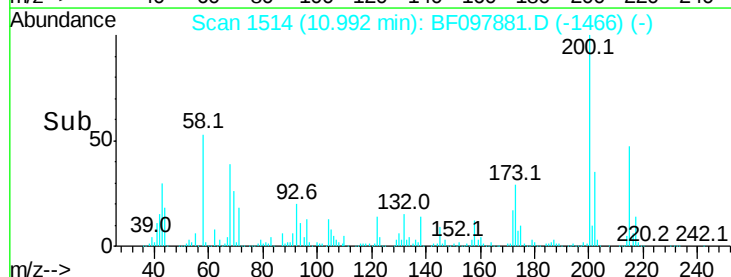
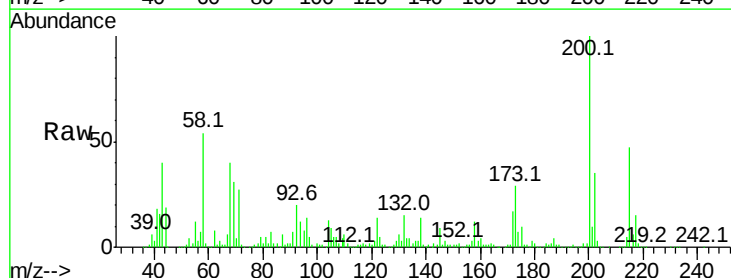
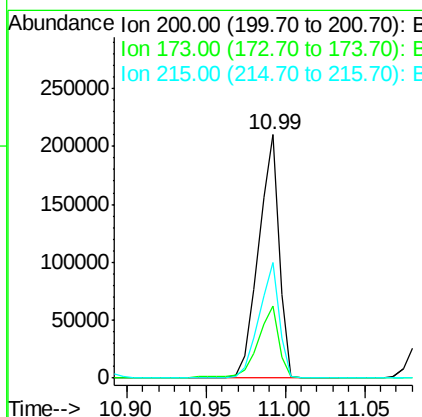
RT: 10.99 min Scan# 1514

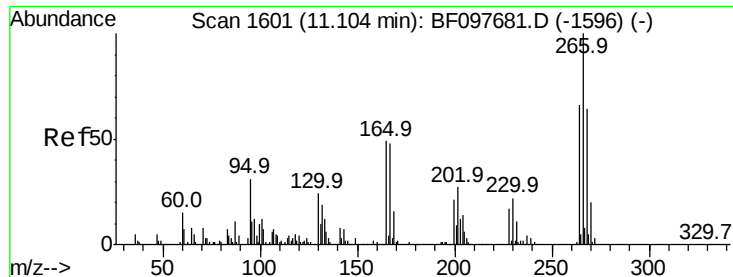
Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	200	Resp:	191442
Ion Ratio		Lower	Upper
200	100		
173	29.5	6.3	46.3
215	47.4	27.2	67.2





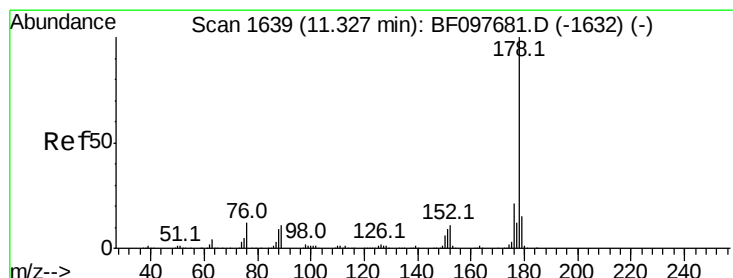
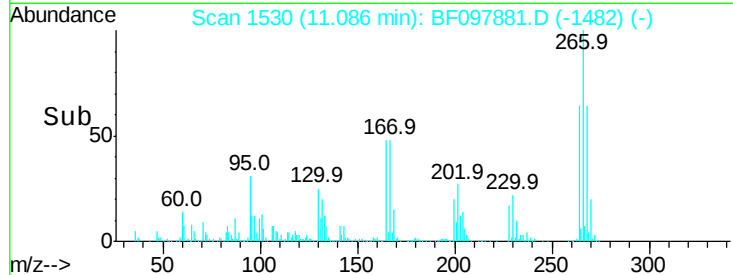
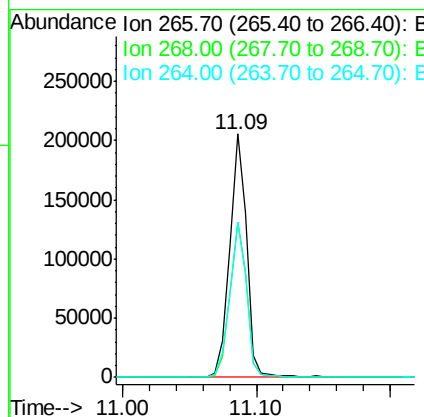
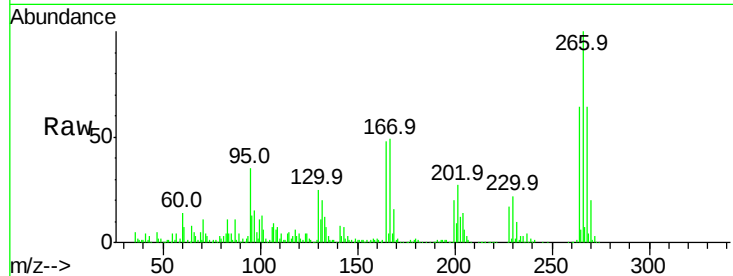
#69
 Pentachlorophenol
 Concen: 58.353 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.7	51.1	76.7	
264	63.8	51.7	77.5	

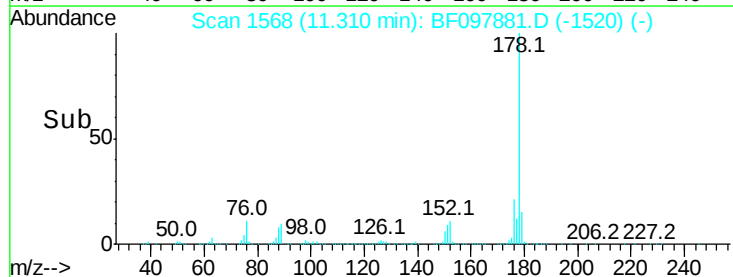
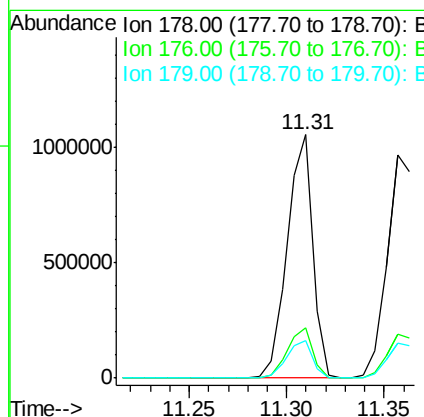
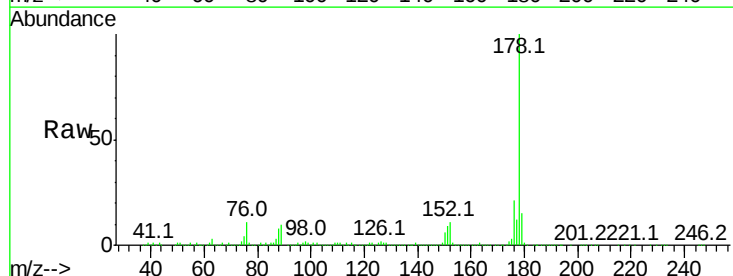
Manual Integrations
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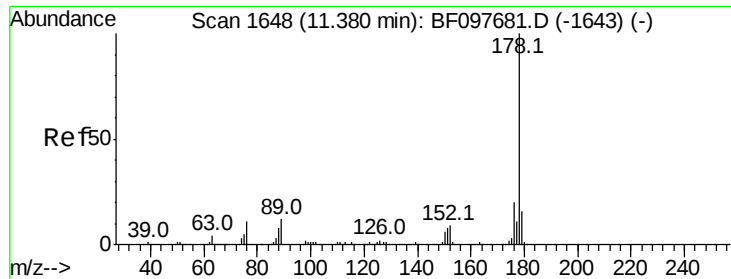
Sohil
 8/21/2017 5:20:00 PM



#70
 Phenanthrene
 Concen: 34.736 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	20.7	16.2	24.4	
179	15.4	12.6	19.0	





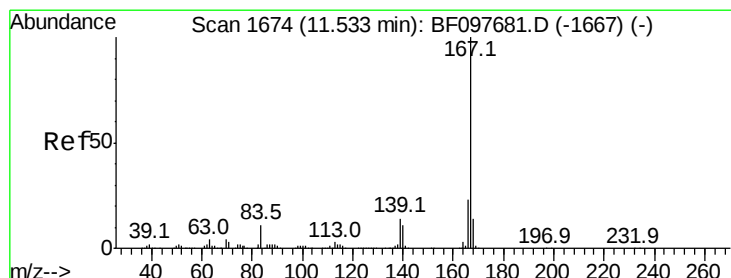
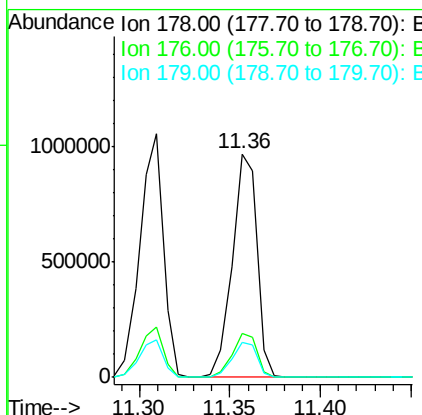
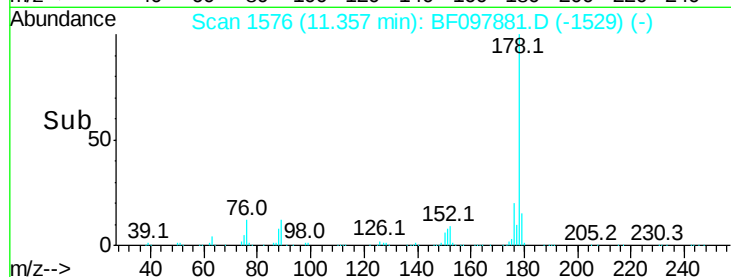
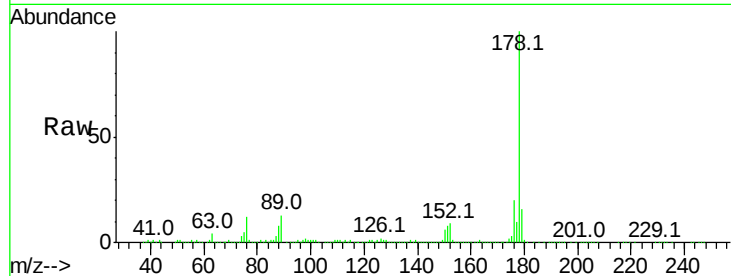
#71
 Anthracene
 Concen: 32.988 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	12.7	19.1

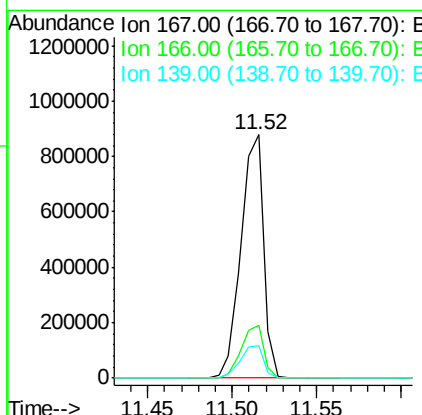
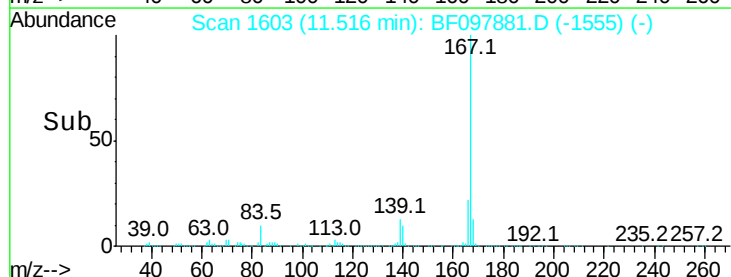
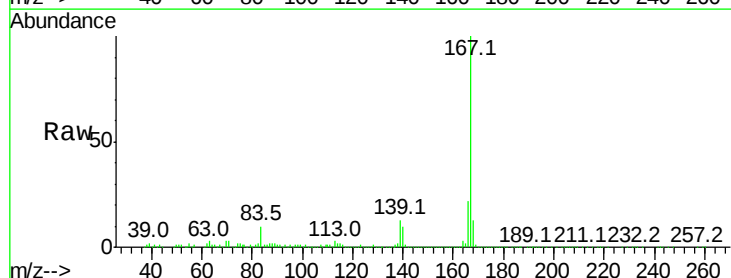
Manual Integrations
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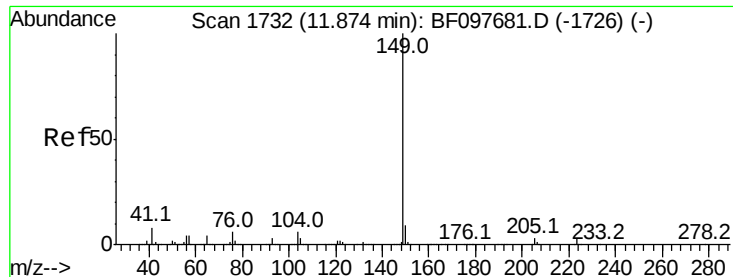
Sohil
 8/21/2017 5:20:00 PM



#72
 Carbazole
 Concen: 31.127 ng
 RT: 11.52 min Scan# 1603
 Delta R.T. -0.02 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.1	11.7	17.5





#73

Di-n-butylphthalate

Concen: 39.806 ng

RT: 11.85 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

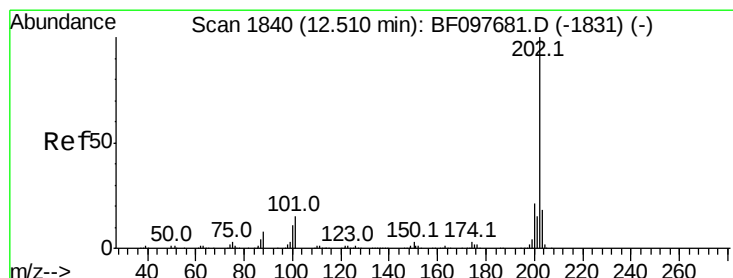
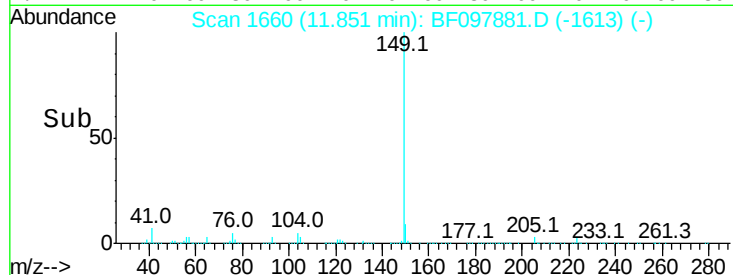
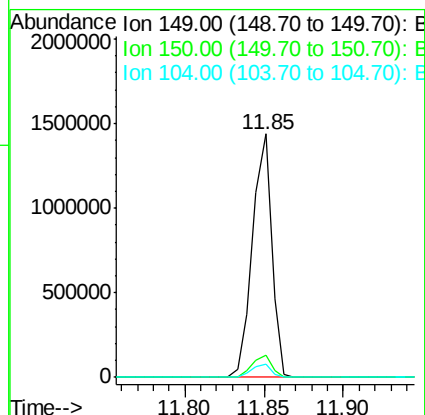
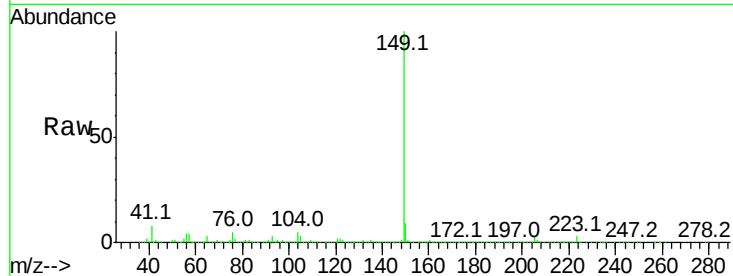
ClientSampleId :

PI-1(3)MS

Tot Ion:	149	Resp:	1210944
Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.4	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 31.677 ng

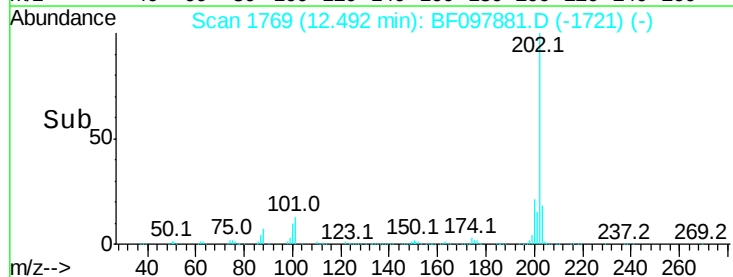
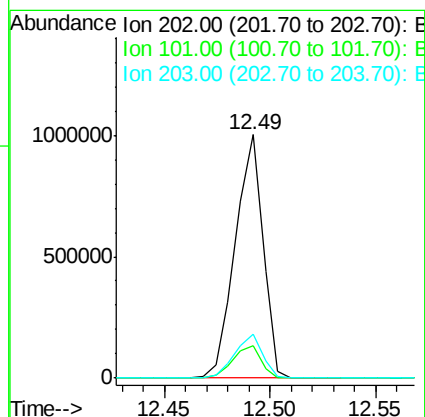
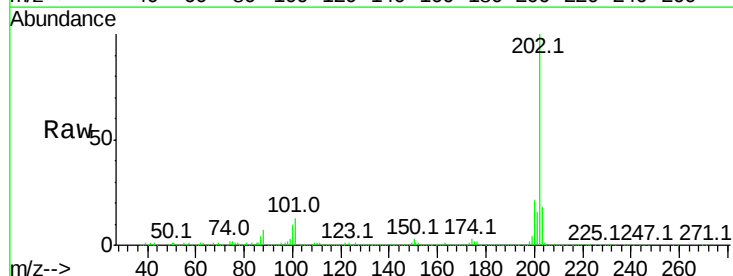
RT: 12.49 min Scan# 1769

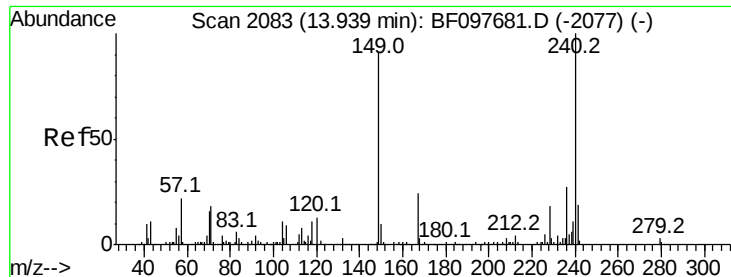
Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	202	Resp:	906988
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MS

Tot Ion:240 Resp: 279517
Ion Ratio Lower Upper

240 100

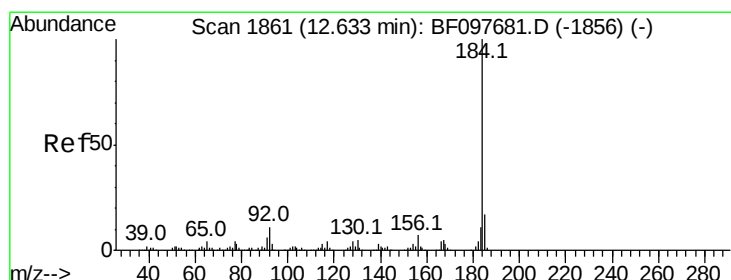
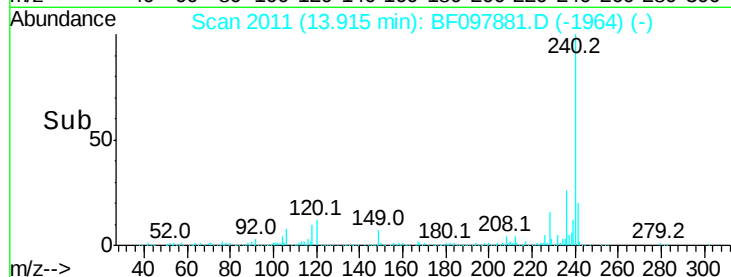
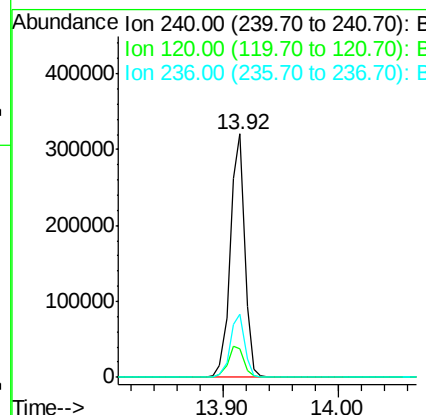
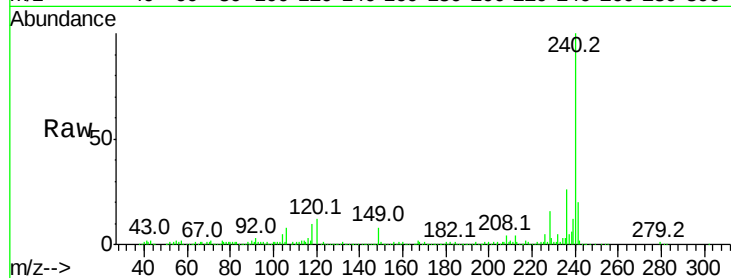
120 11.7 5.8 8.8#

236 26.2 20.5 30.7

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#76

Benzidine

Concen: 22.759 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF097881.D

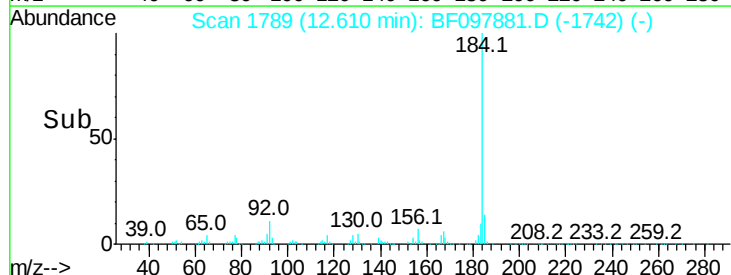
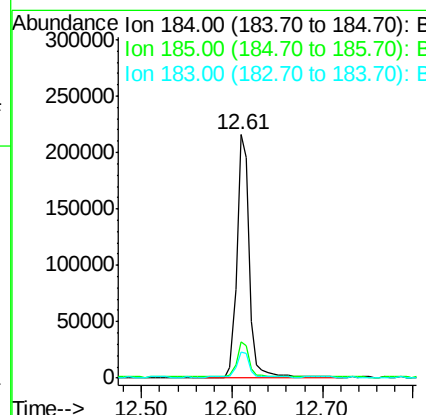
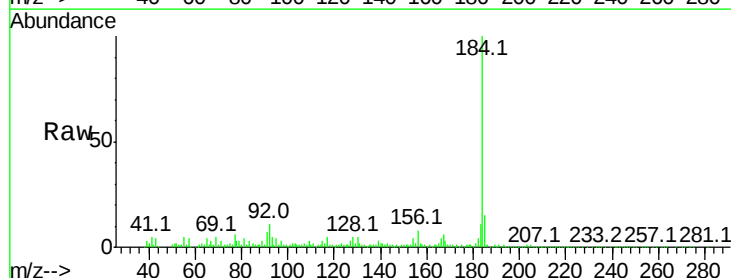
Acq: 19 Aug 2017 16:20

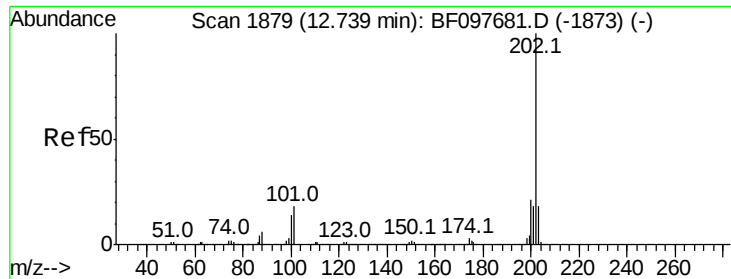
Tgt Ion:184 Resp: 208578
Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

183 10.8 9.8 14.6





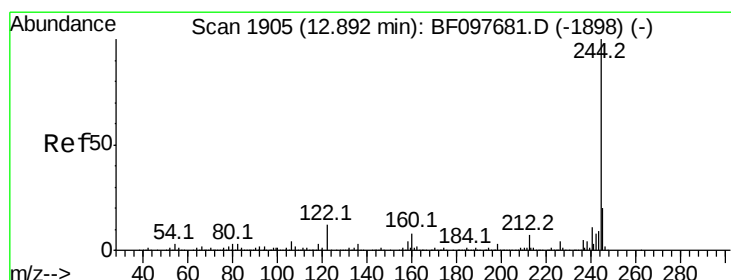
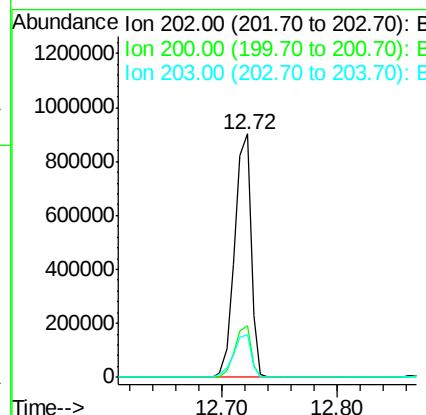
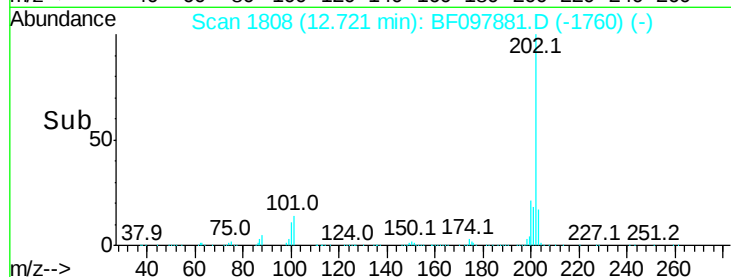
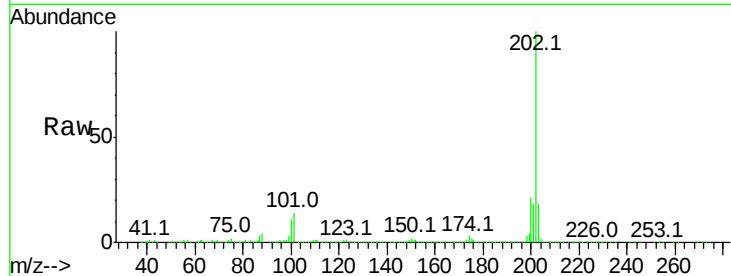
#77
Pvrene
Concen: 38.784 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.6	14.4	21.6

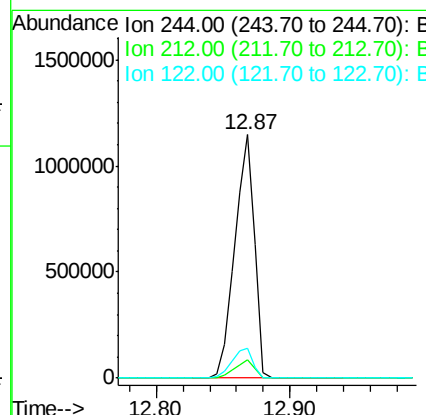
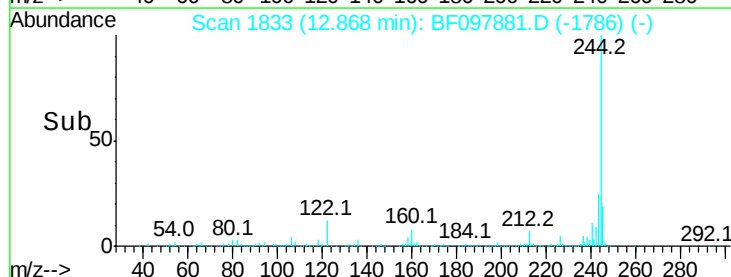
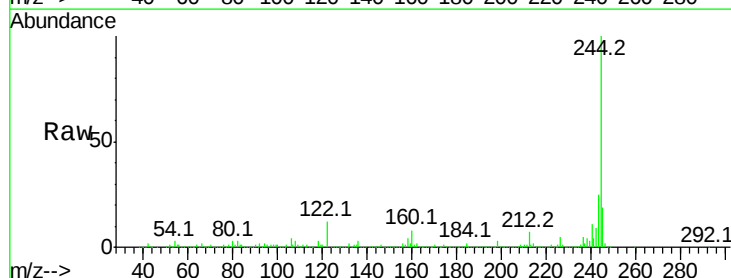
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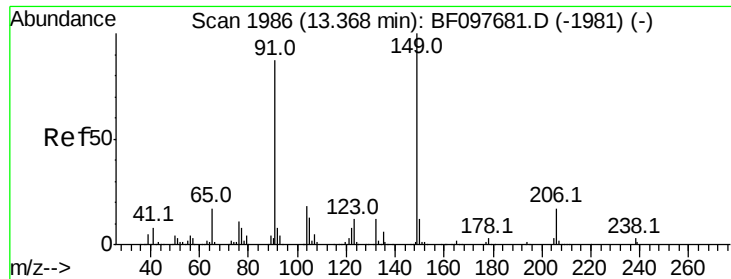
Sohil
8/21/2017 5:20:00 PM



#78
Terphenyl-d14
Concen: 88.875 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.4	10.3	15.5





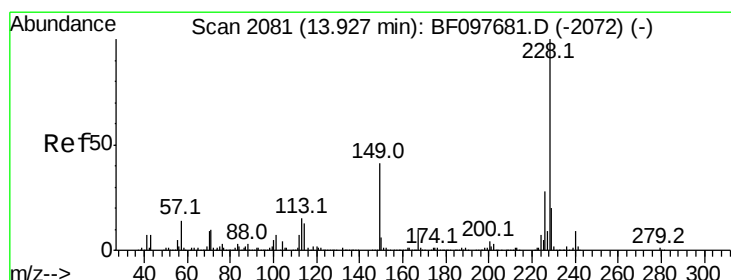
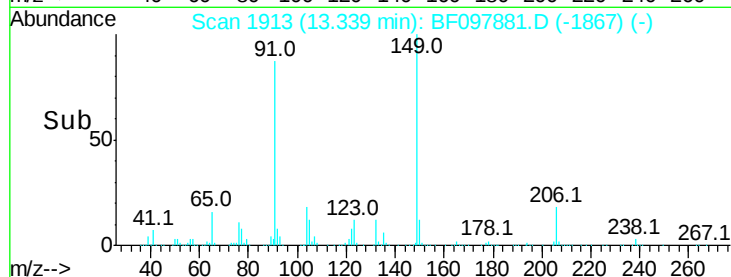
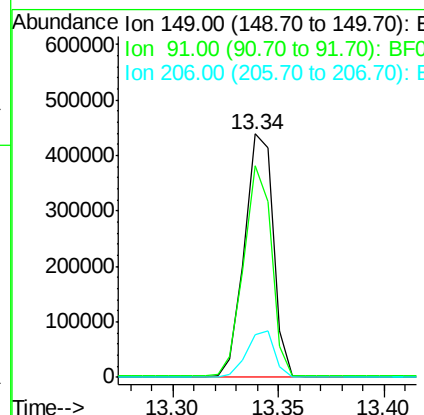
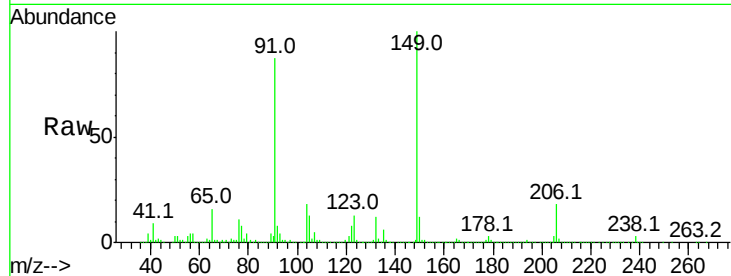
#79
Butylbenzylphthalate
Concen: 47.154 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.03 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.0	45.0	67.4#
206	17.6	17.0	25.6

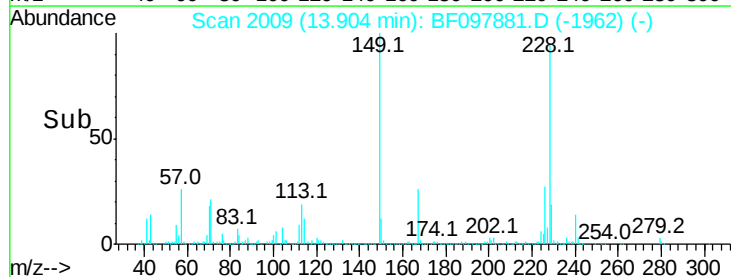
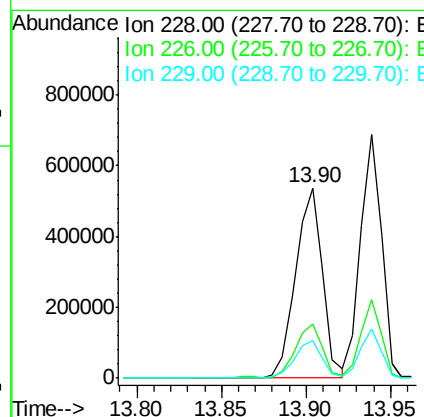
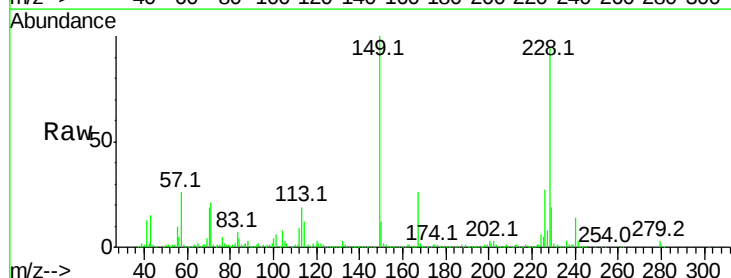
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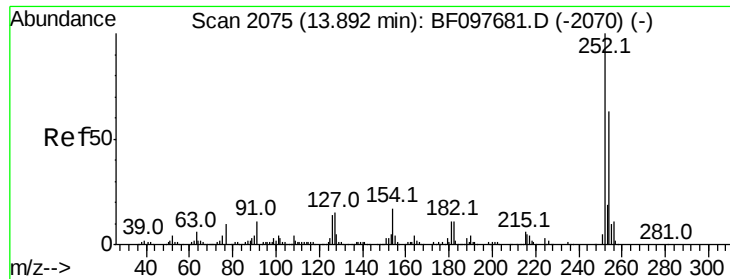
Sohil
8/21/2017 5:20:00 PM



#80
Benzo(a)anthracene
Concen: 35.507 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	19.8	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 28.336 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.02 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

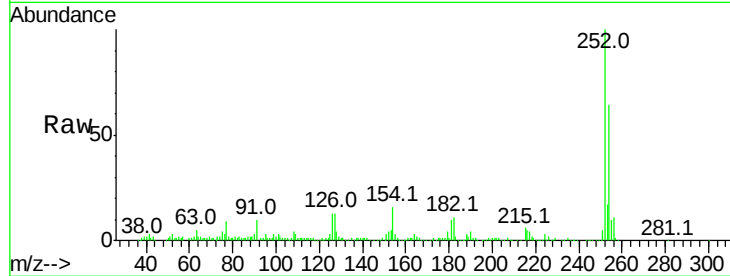
ClientSampleId :

PI-1(3)MS

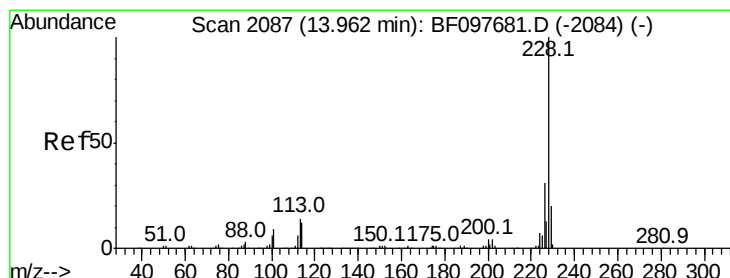
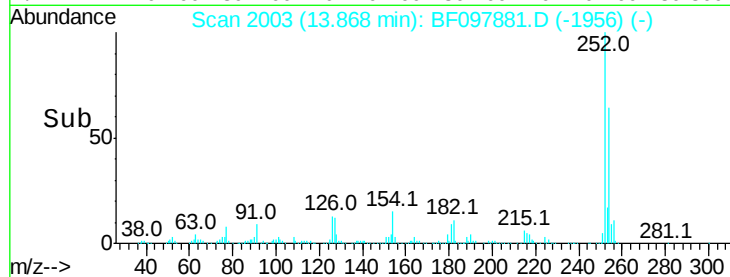
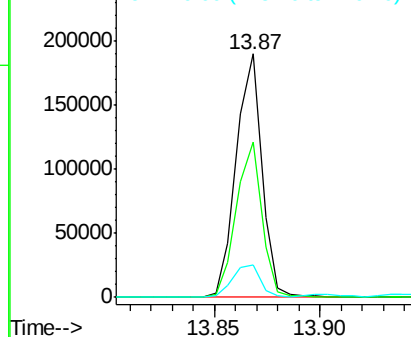
Tot Ion:	252	Resp:	160185
Ion Ratio		Lower	Upper
252	100		
254	63.8	51.5	77.3
126	13.1	15.8	23.8#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 35.898 ng

RT: 13.94 min Scan# 2015

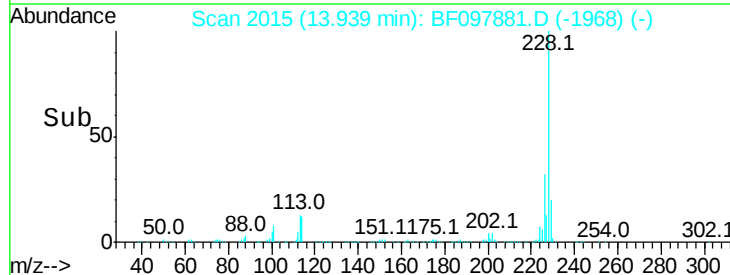
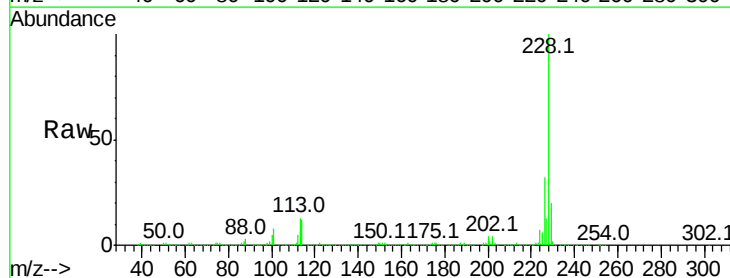
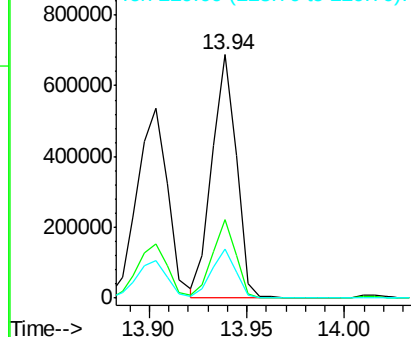
Delta R.T. -0.02 min

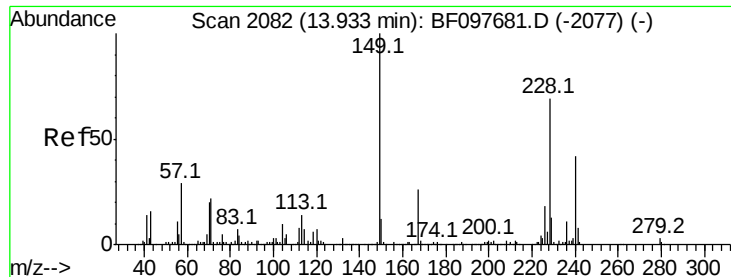
Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	228	Resp:	598246
Ion Ratio		Lower	Upper
228	100		
226	32.2	24.9	37.3
229	20.2	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.995 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Instrument :

BNA_F

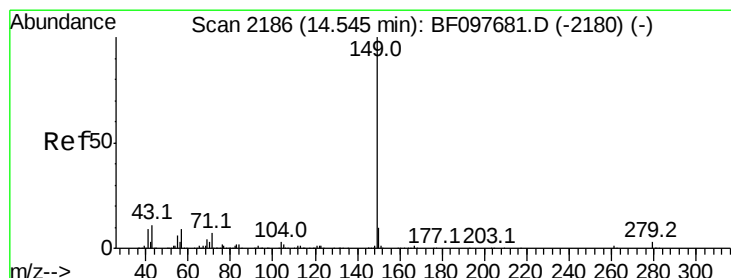
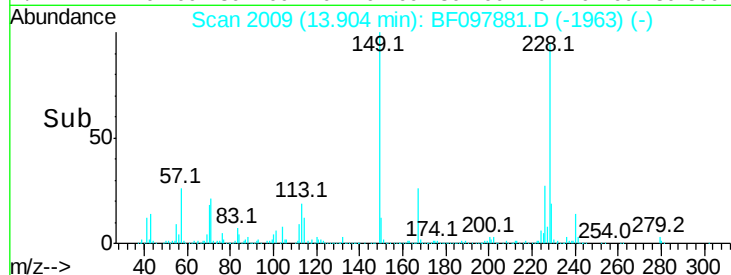
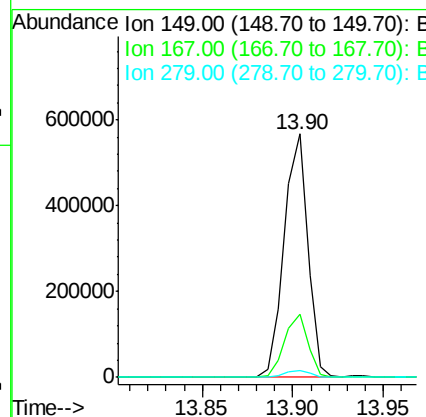
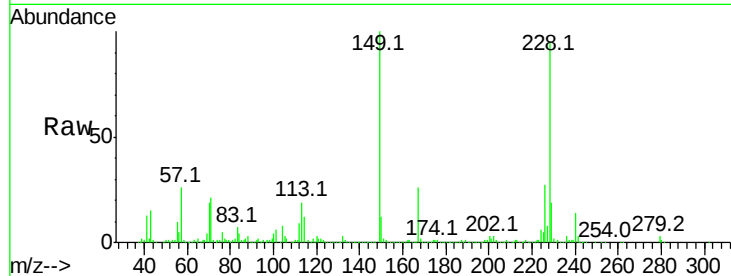
ClientSampleId :

PI-1(3)MS

Tot Ion:	149	Resp:	514722
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	3.1	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 53.968 ng

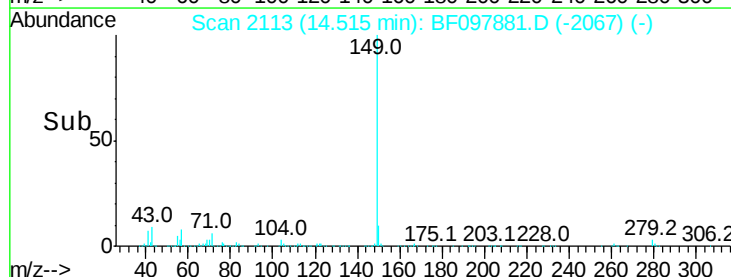
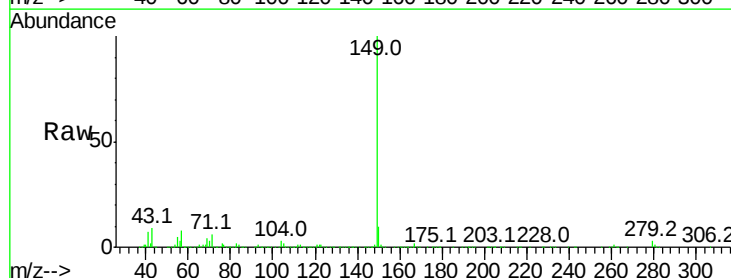
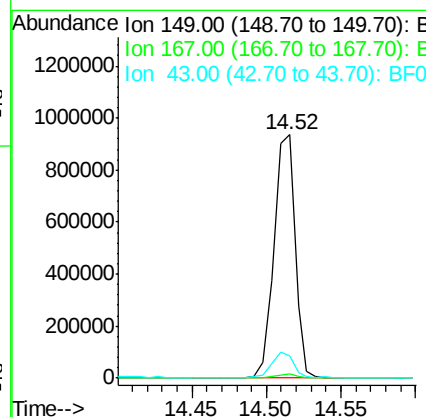
RT: 14.52 min Scan# 2113

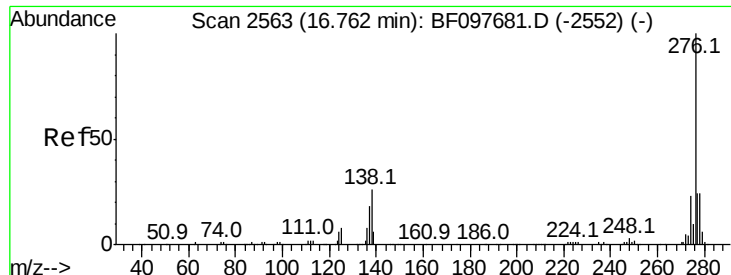
Delta R.T. -0.03 min

Lab File: BF097881.D

Acq: 19 Aug 2017 16:20

Tgt Ion:	149	Resp:	912038
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.3	8.5	12.7





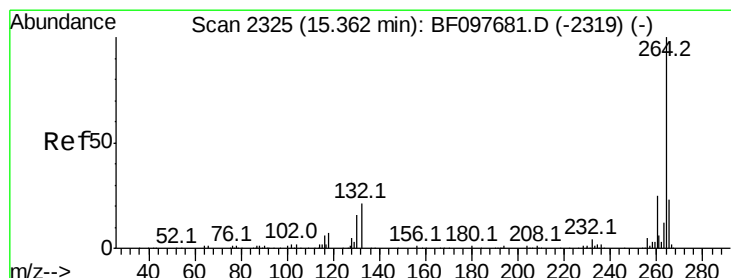
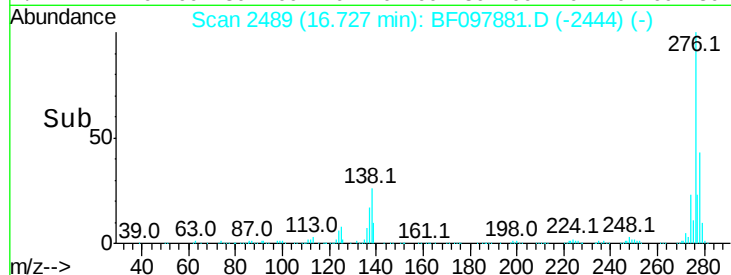
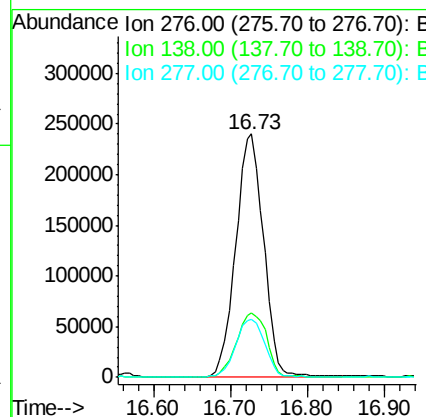
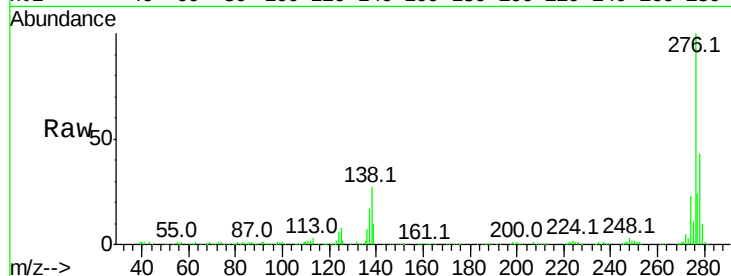
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.529 ng
 RT: 16.73 min Scan# 2489
 Delta R.T. -0.04 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion:	276	Resp:	607199
Ion Ratio	Lower	Upper	
276	100		
138	29.4	27.8	41.6
277	25.6	20.2	30.4

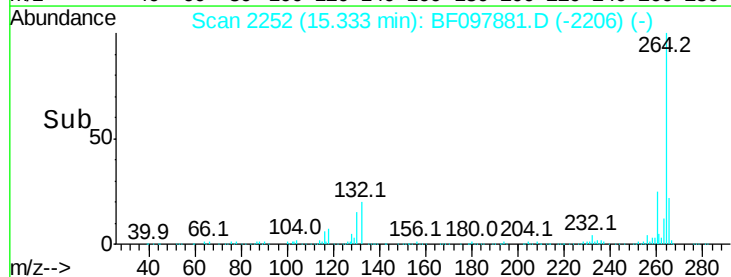
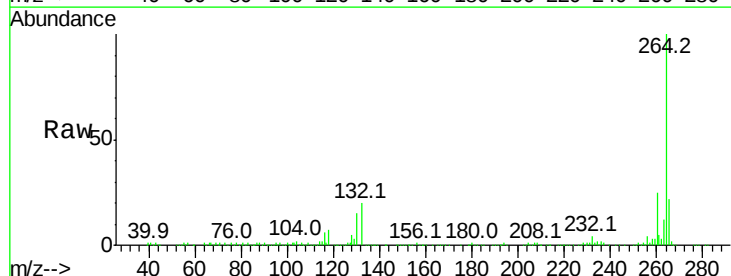
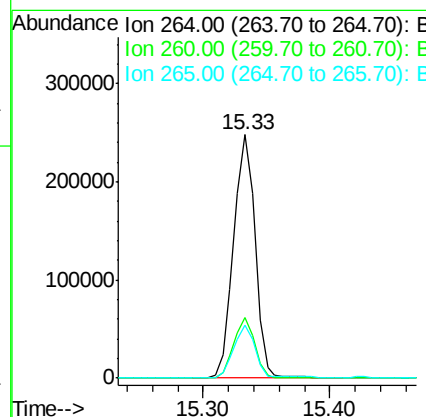
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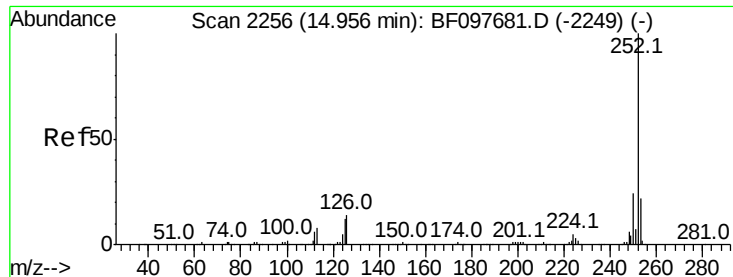
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 8/21/2017 5:20:00 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Tgt Ion:	264	Resp:	291508
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.5	29.3
265	21.7	17.2	25.8





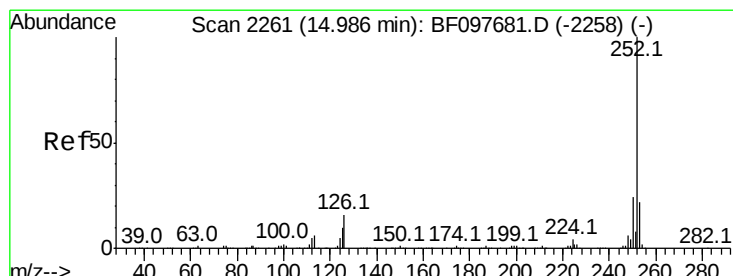
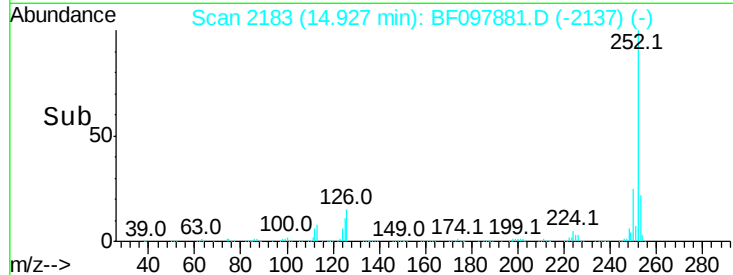
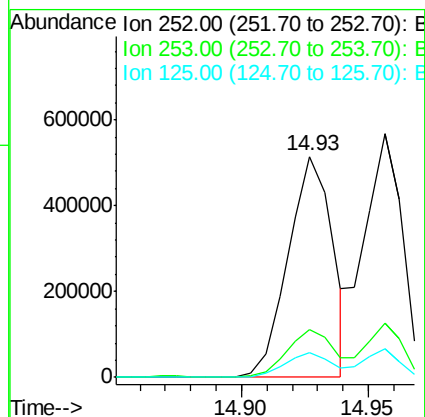
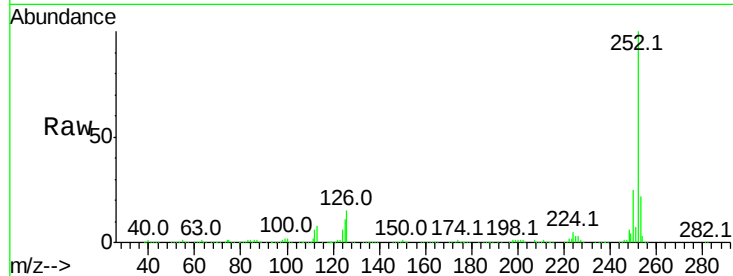
#87
Benzo(b)fluoranthene
Concen: 34.204 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.03 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	628479		
253	21.8	18.1	27.1	
125	11.1	9.8	14.8	

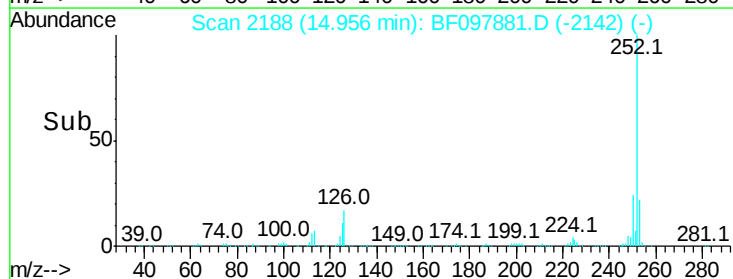
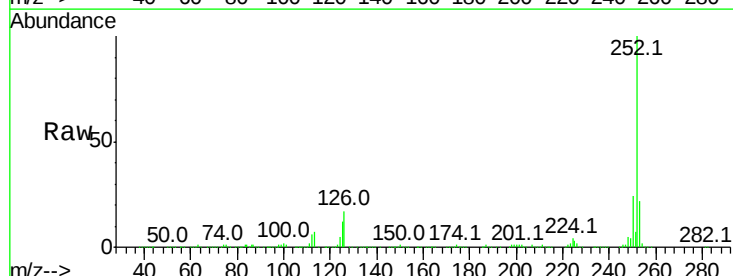
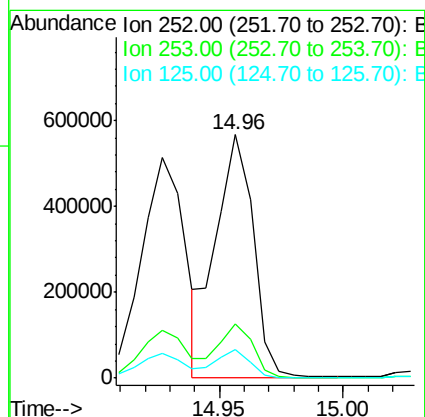
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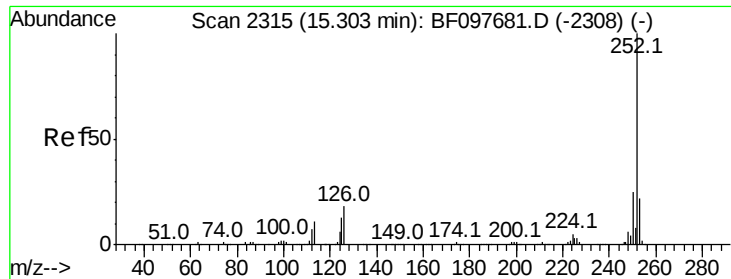
Sohil
8/21/2017 5:20:00 PM



#88
Benzo(k)fluoranthene
Concen: 34.740 ng m
RT: 14.96 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	599712		
253	22.0	18.4	27.6	
125	11.5	13.1	19.7	





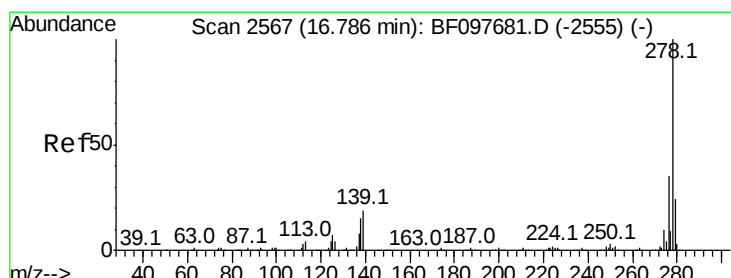
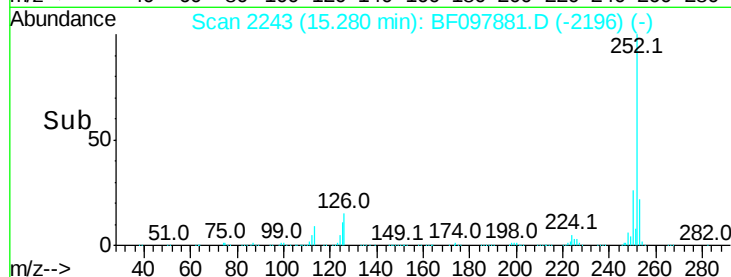
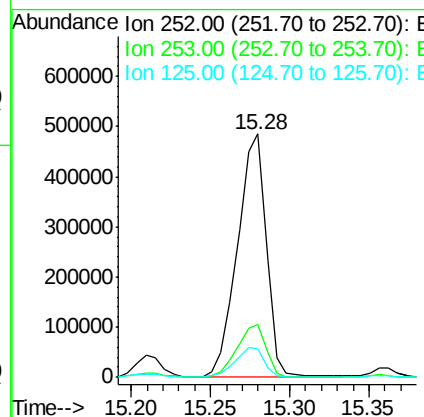
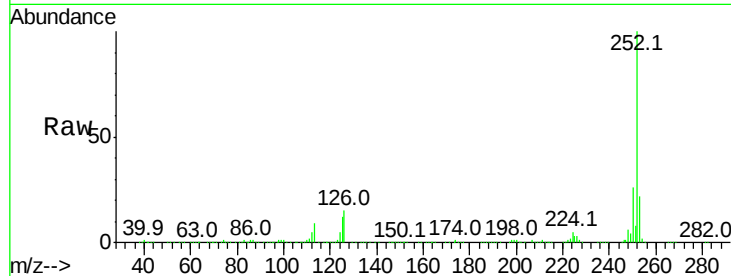
#89
Benzo(a)pyrene
Concen: 37.565 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.02 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Instrument :
BNA_F
ClientSampleId :
PI-1(3)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.6	11.0	16.4

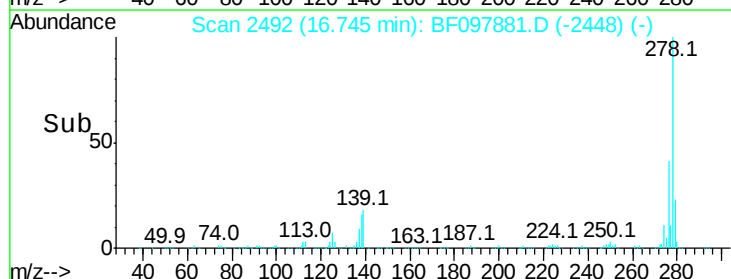
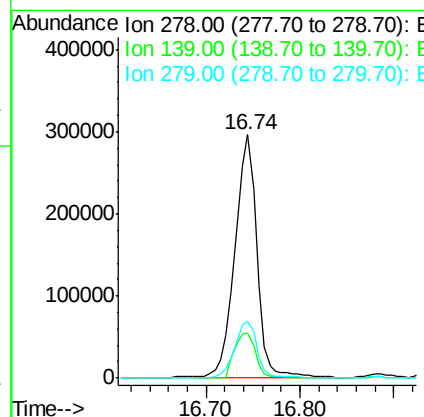
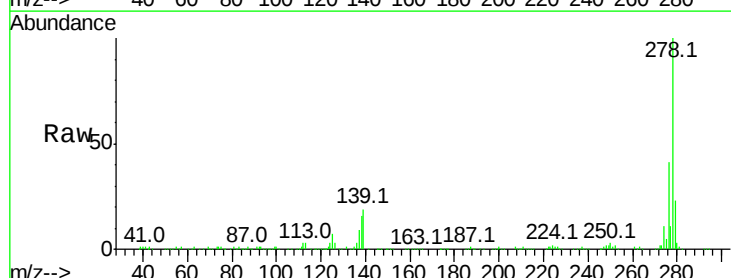
Manual Integrations
APPROVED

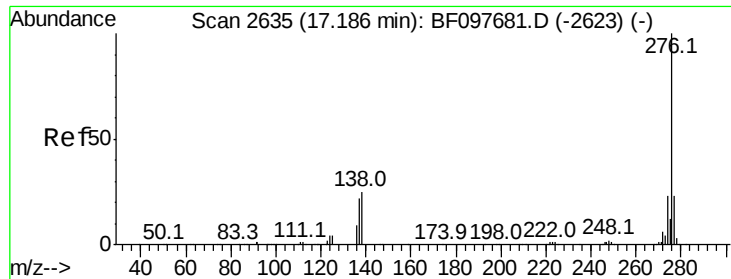
Sohil
8/21/2017 5:20:00 PM



#90
Dibenzo(a,h)anthracene
Concen: 35.965 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.04 min
Lab File: BF097881.D
Acq: 19 Aug 2017 16:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	16.6	24.8
279	23.5	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 35.698 ng
 RT: 17.14 min Scan# 2560
 Delta R.T. -0.04 min
 Lab File: BF097881.D
 Acq: 19 Aug 2017 16:20

Instrument :
 BNA_F
 ClientSampleId :
 PI-1(3)MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.8	18.6	28.0
138	24.6	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:20:00 PM

