

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097882.D
 Acq On : 19 Aug 2017 16:47
 Operator : SJ/JU
 Sample : I4846-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:20:02 PM

Quant Time: Aug 21 04:33:23 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	154795	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	641515	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	287566	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	505687	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	280090	20.00	ng	-0.03
86) Perylene-d12	15.33	264	273141	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	981512	96.45	ng	-0.01
7) Phenol-d6	6.40	99	1358730	98.26	ng	0.00
23) Nitrobenzene-d5	7.33	82	886018	75.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	254235	101.89	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1283315	65.57	ng	-0.02
78) Terphenyl-d14	12.86	244	910513	67.79	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	101933	17.960	ng	92
3) Pyridine	3.22	79	261145	16.644	ng	86
4) n-Nitrosodimethylamine	3.16	42	125561	20.798	ng	81
6) Aniline	6.43	93	315511	16.243	ng	97
8) 2-Chlorophenol	6.55	128	258198	24.058	ng	99
9) Benzaldehyde	6.31	77	98927	11.295	ng	92
10) Phenol	6.42	94	385870	23.861	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	287322	23.540	ng	97
12) 1,3-Dichlorobenzene	6.70	146	249936	21.650	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	254568	21.682	ng	94
14) 1,2-Dichlorobenzene	6.93	146	239065	22.082	ng	99
15) Benzyl Alcohol	6.90	79	269547	26.038	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	392965	23.929	ng	91
17) 2-Methylphenol	7.02	107	238859	25.255	ng	96
18) Hexachloroethane	7.27	117	105910	23.008	ng	# 81
19) n-Nitroso-di-n-propylamine	7.18	70	221847	23.437	ng	90
20) 3+4-Methylphenols	7.17	107	285125	24.682	ng	# 84
22) Acetophenone	7.17	105	386517	22.807	ng	# 90
24) Nitrobenzene	7.35	77	340009	25.859	ng	92
25) Isophorone	7.59	82	625012	25.454	ng	97
26) 2-Nitrophenol	7.66	139	128742	29.324	ng	# 77
27) 2,4-Dimethylphenol	7.70	122	231812	22.636	ng	93
28) bis(2-Chloroethoxy)methane	7.80	93	391038	24.223	ng	98
29) 2,4-Dichlorophenol	7.90	162	212092	24.950	ng	94
30) 1,2,4-Trichlorobenzene	7.99	180	214459	22.757	ng	98
31) Naphthalene	8.07	128	757816	22.754	ng	100
32) Benzoic acid	7.80	122	126920	21.145	ng	84
33) 4-Chloroaniline	8.12	127	199528	14.206	ng	99
34) Hexachlorobutadiene	8.19	225	126781	23.042	ng	98
35) Caprolactam	8.48	113	70470m	24.384	ng	
36) 4-Chloro-3-methylphenol	8.60	107	261549	23.947	ng	# 79
37) 2-Methylnaphthalene	8.76	142	512171	25.084	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	206736	23.425	ng	# 98
40) Hexachlorocyclopentadiene	8.91	237	166295	39.223	ng	99

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 PI-1(3)MSD

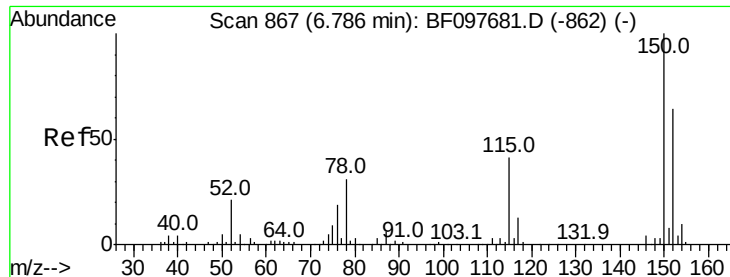
Manual Integrations
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Sohil
 8/21/2017 5:20:02 PM

Quant Time: Aug 21 04:33:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	145947	24.632	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	154076	26.212	nq	95
45) 1,1'-Biphenyl	9.22	154	605738	23.099	nq	96
46) 2-Chloronaphthalene	9.25	162	438369	22.625	nq	# 92
47) 2-Nitroaniline	9.34	65	174084	26.800	nq	93
48) Acenaphthylene	9.66	152	712742	23.425	nq	100
49) Dimethylphthalate	9.53	163	691725	32.908	nq	99
50) 2,6-Dinitrotoluene	9.59	165	113409	27.029	nq	# 66
51) Acenaphthene	9.83	154	458659	23.901	nq	99
52) 3-Nitroaniline	9.75	138	97450	18.002	nq	88
53) 2,4-Dinitrophenol	9.85	184	53362	33.488	nq	# 76
54) Dibenzofuran	10.00	168	641017	24.924	nq	99
55) 4-Nitrophenol	9.91	139	181362	41.998	nq	# 31
56) 2,4-Dinitrotoluene	9.99	165	143308	27.216	nq	# 56
57) Fluorene	10.35	166	459518	23.110	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	120340	26.443	nq	96
59) Diethylphthalate	10.22	149	578547	26.319	nq	98
60) 4-Chlorophenyl-phenylether	10.34	204	226684	24.539	nq	88
61) 4-Nitroaniline	10.36	138	111356	21.643	nq	# 72
62) Azobenzene	10.50	77	664119	25.435	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	42319	23.001	nq	# 75
65) n-Nitrosodiphenylamine	10.46	169	432331	25.106	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	137738	26.230	nq	97
67) Hexachlorobenzene	10.89	284	124740	23.305	nq	# 90
68) Atrazine	10.99	200	133422	29.216	nq	96
69) Pentachlorophenol	11.09	266	127275	40.783	nq	98
70) Phenanthrene	11.30	178	679977	25.234	nq	100
71) Anthracene	11.36	178	650071	23.785	nq	100
72) Carbazole	11.51	167	575947	22.200	nq	99
73) Di-n-butylphthalate	11.85	149	866402	28.993	nq	99
74) Fluoranthene	12.49	202	645119	22.937	nq	98
76) Benzidine	12.61	184	154132	16.784	nq	# 93
77) Pyrene	12.72	202	626539	27.350	nq	99
79) Butylbenzylphthalate	13.34	149	295569	33.652	nq	# 68
80) Benzo(a)anthracene	13.90	228	402769	23.993	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	114035	20.131	nq	# 97
82) Chrysene	13.93	228	412755	24.717	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	383310	39.384	nq	99
84) Di-n-octyl phthalate	14.51	149	635565	37.531	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	403529	32.849	nq	93
87) Benzo(b)fluoranthene	14.92	252	432543	25.123	nq	98
88) Benzo(k)fluoranthene	14.95	252	359956m	22.253	nq	
89) Benzo(a)pyrene	15.27	252	388219	25.471	nq	97
90) Dibenzo(a,h)anthracene	16.73	278	318642	25.679	nq	98
91) Benzo(g,h,i)perylene	17.13	276	320616	24.763	nq	94

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



#1

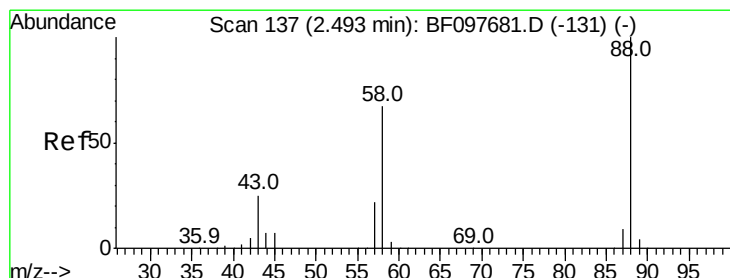
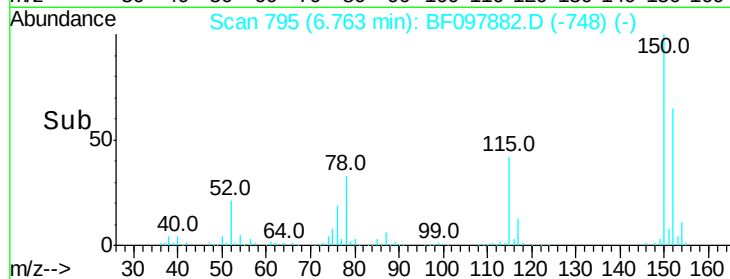
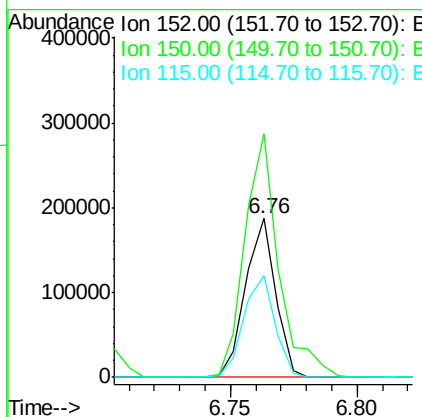
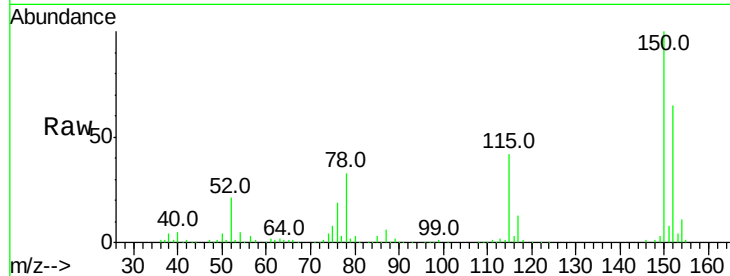
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	64.1	52.2	78.2

Manual Integrations
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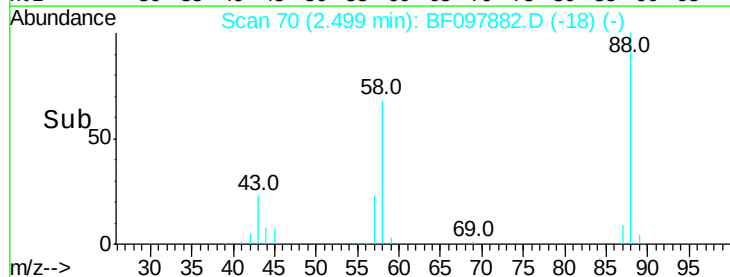
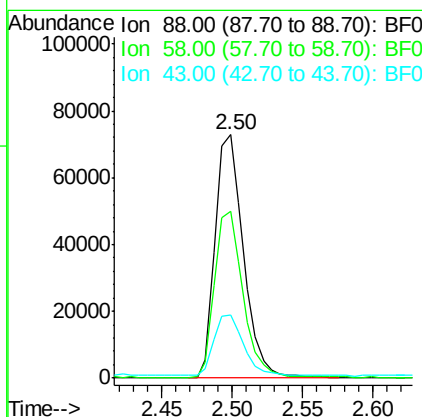
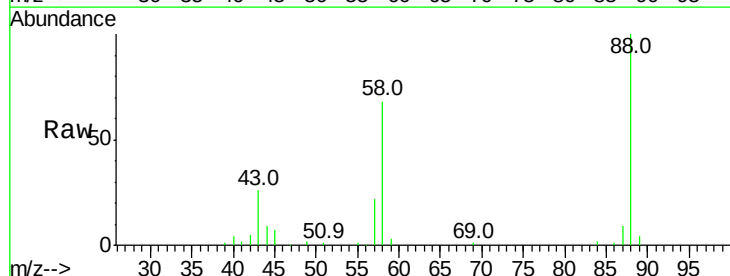
Sohil
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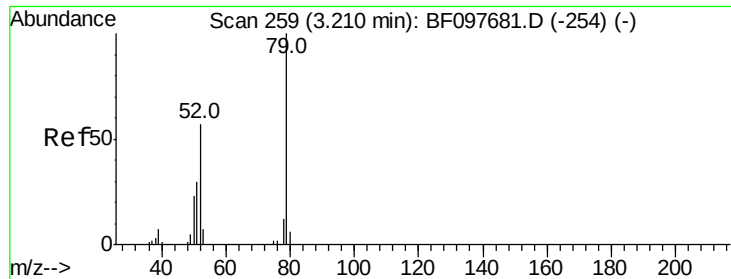


#2

1,4-Dioxane
Concen: 17.960 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.01 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.5	61.4	92.0
43	25.5	23.4	35.0





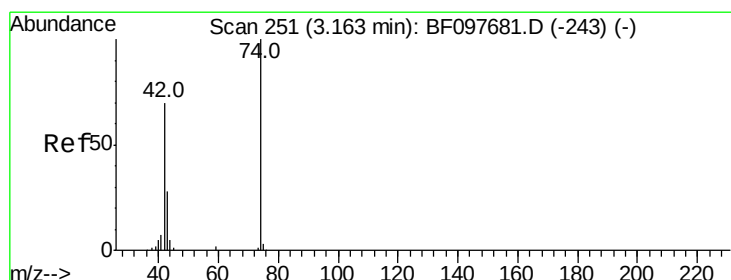
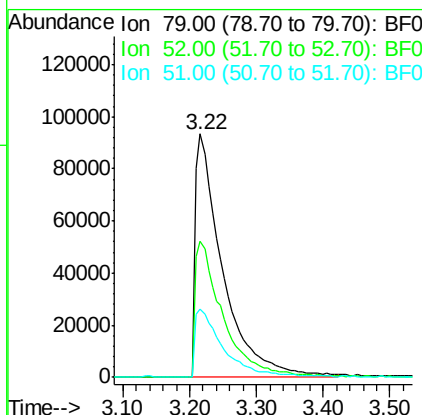
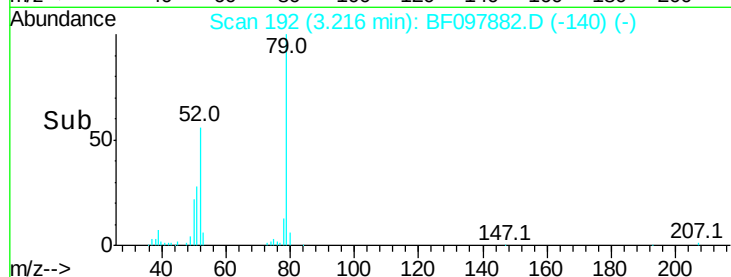
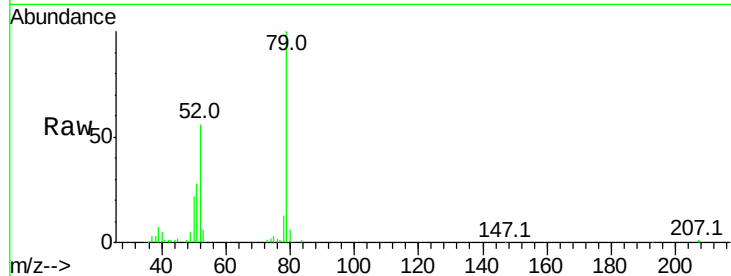
#3
Pvrindine
Concen: 16.644 ng
RT: 3.22 min Scan# 192
Delta R.T. 0.01 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
79	100		
52	55.8	54.8	82.2
51	28.1	27.0	40.4

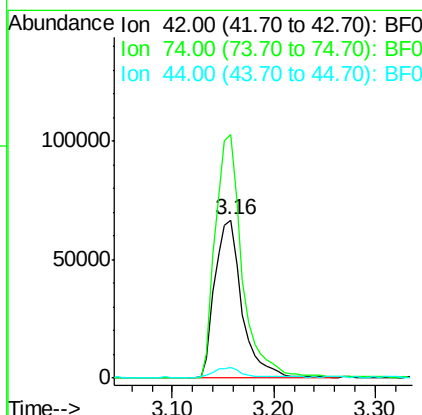
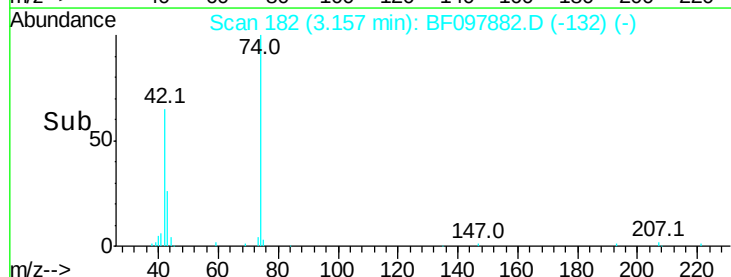
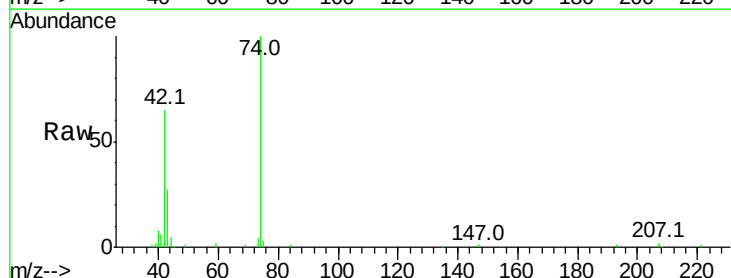
Manual Integrations
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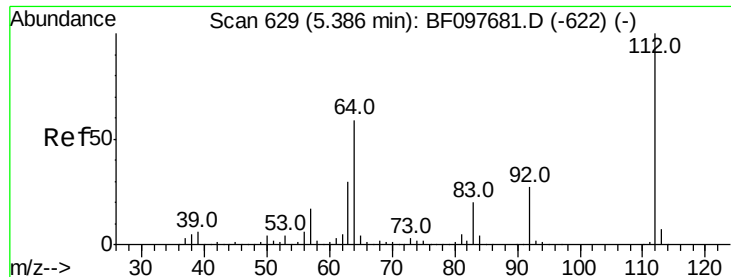
Sohil
8/21/2017 5:20:02 PM



#4
n-Nitrosodimethylamine
Concen: 20.798 ng
RT: 3.16 min Scan# 182
Delta R.T. -0.01 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.8	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 96.447 ng

RT: 5.37 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

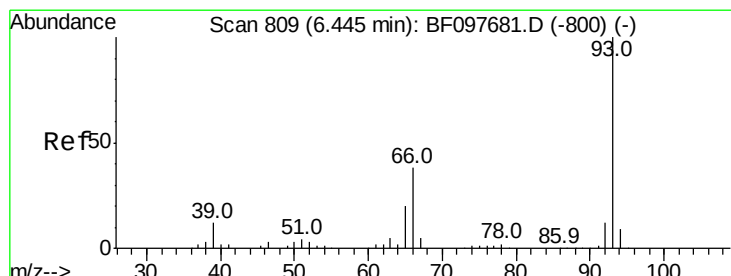
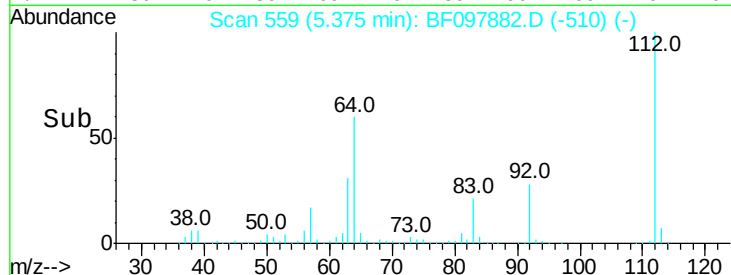
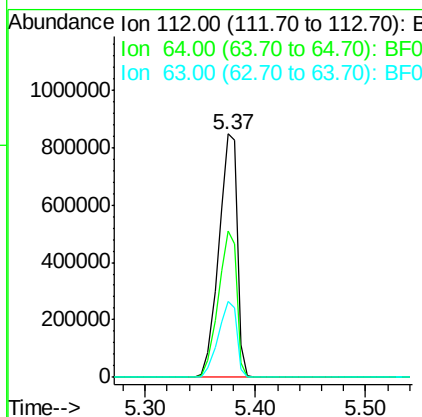
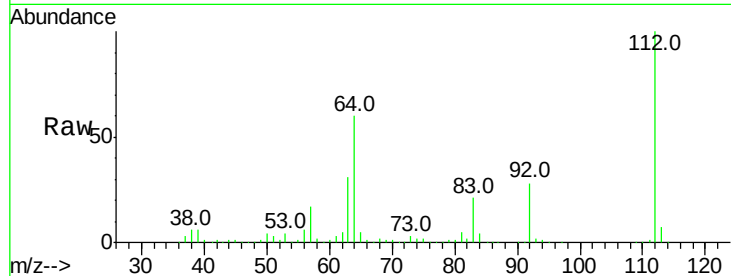
ClientSampled :

PI-1(3)MSD

Tot Ion:	112	Resp:	981512
Ion Ratio	Lower	Upper	
112	100		
64	60.2	46.0	69.0
63	31.2	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 16.243 ng

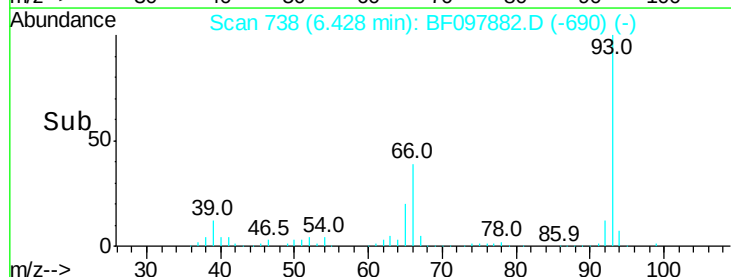
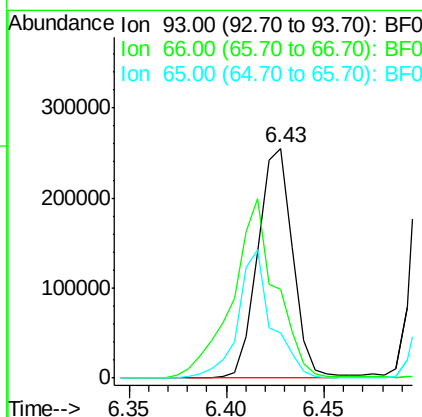
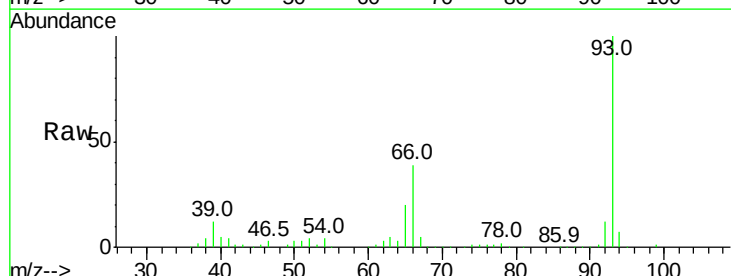
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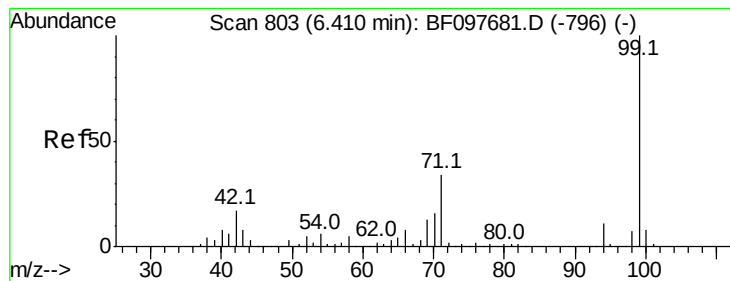
Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	93	Resp:	315511
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.9	49.3
65	19.9	16.0	24.0





#7

Phenol-d6

Concen: 98.265 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MSD

Tot Ion: 99 Resp: 1358730

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

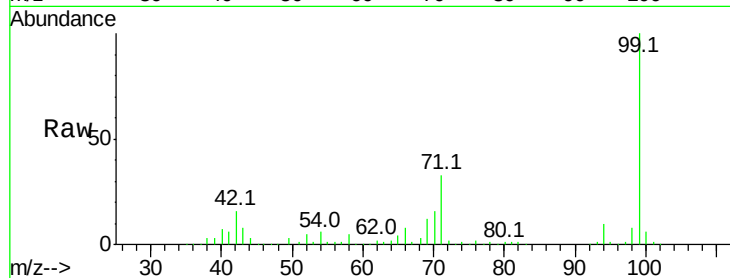
71 32.9 24.5 36.7

Manual Integrations

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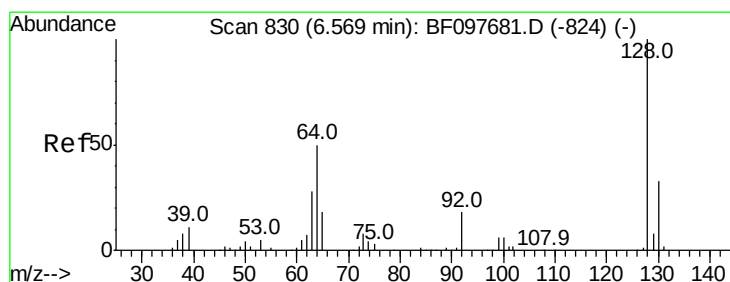
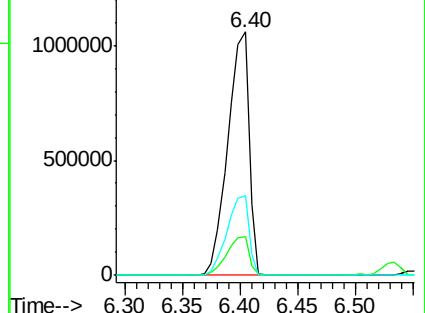
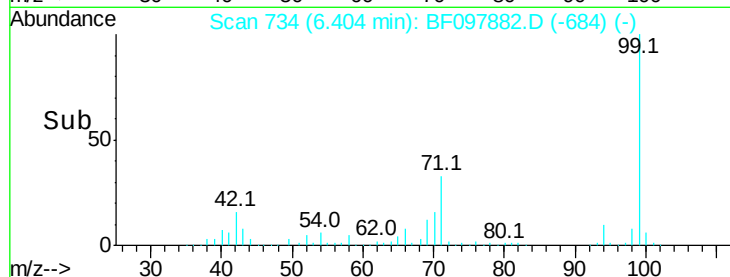
8/21/2017 5:20:02 PM



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: 24.058 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

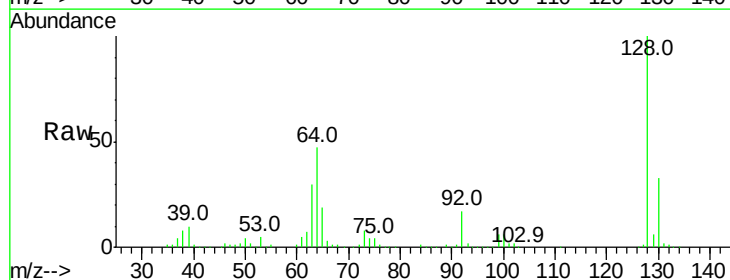
Tgt Ion:128 Resp: 258198

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

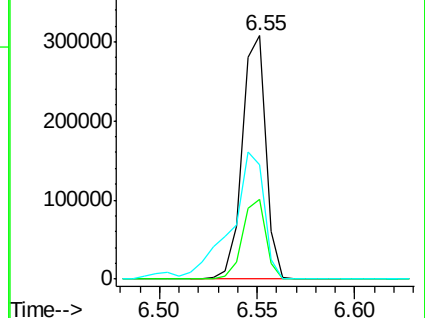
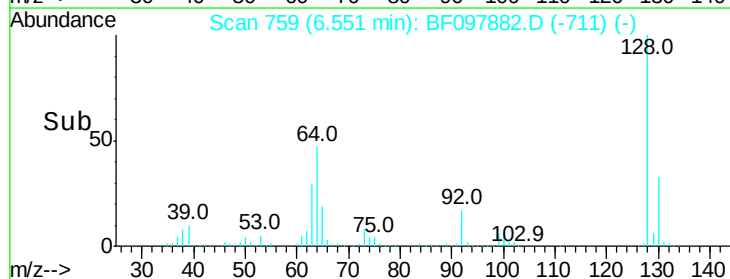
64 46.9 28.4 68.4

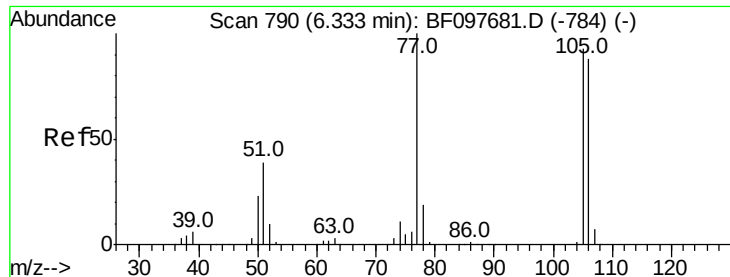


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.295 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

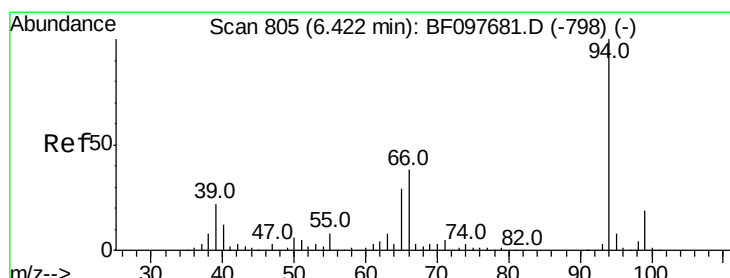
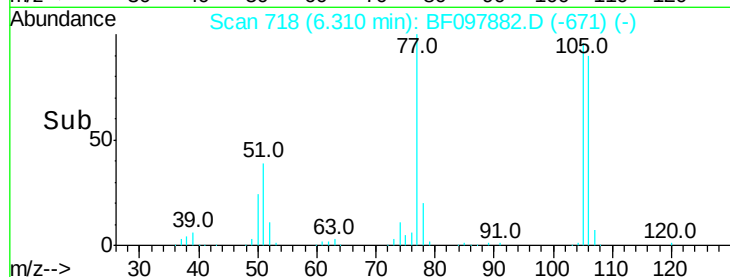
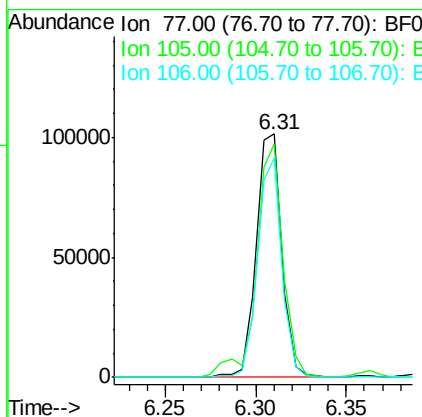
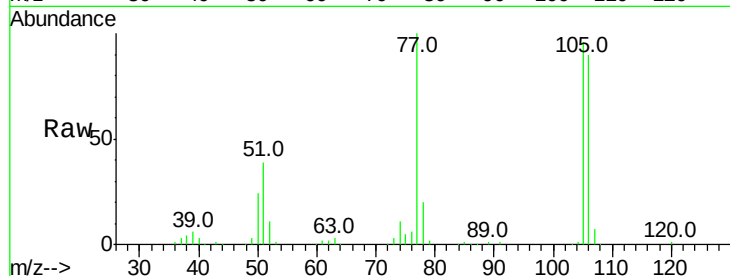
ClientSampled :

PI-1(3)MSD

Tot Ion:	77	Resp:	98927
Ion	Ratio	Lower	Upper
77	100		
105	95.9	83.8	123.8
106	90.1	79.1	119.1

Manual Integrations
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8/21/2017 5:20:02 PM



#10

Phenol

Concen: 23.861 ng

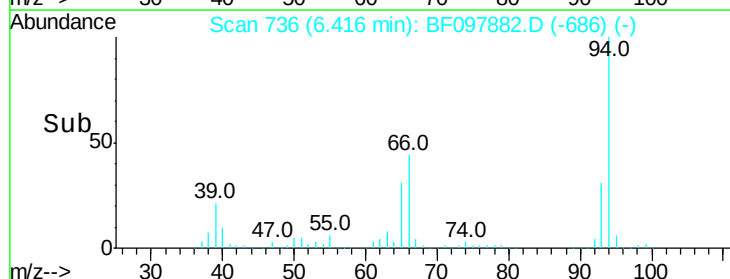
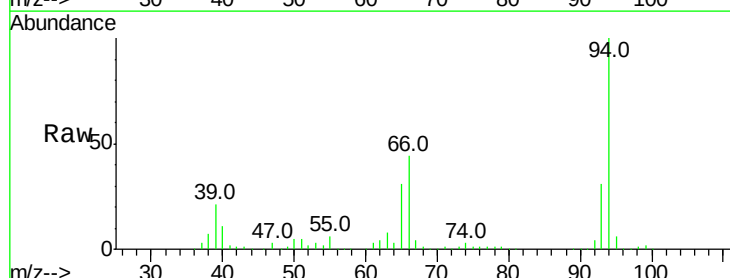
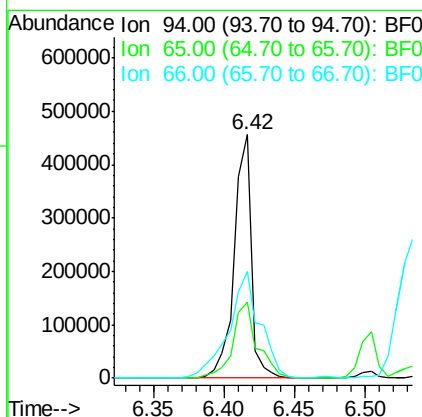
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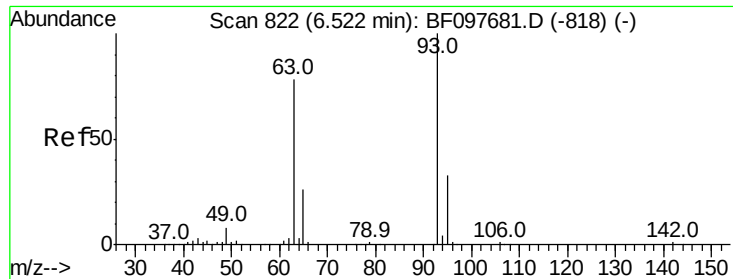
Delta R.T. -0.01 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	94	Resp:	385870
Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	43.6	23.1	63.1





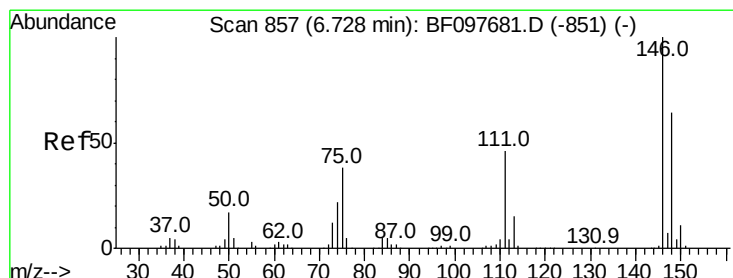
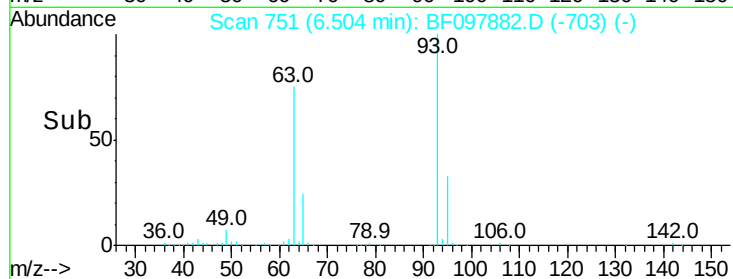
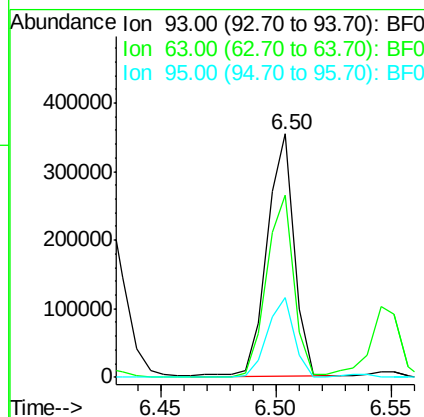
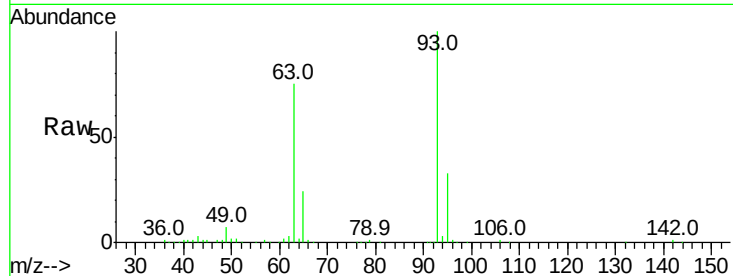
#11
bis(2-Chloroethyl)ether
Concen: 23.540 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100	287322		
63	75.0	59.2	99.2	
95	32.9	12.8	52.8	

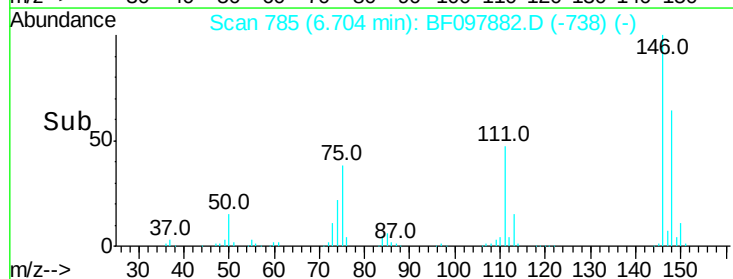
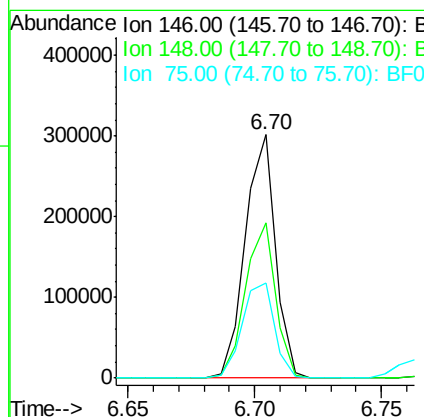
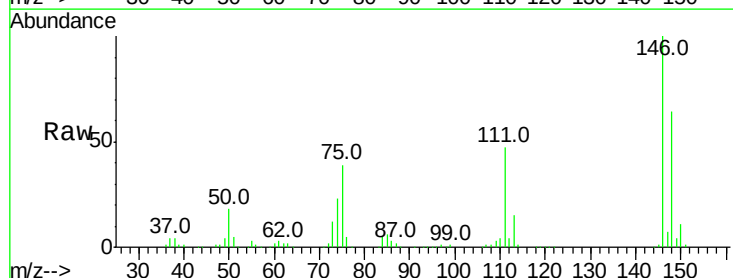
Manual Integrations
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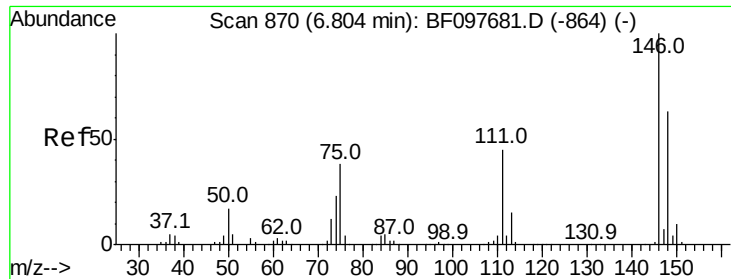
Sohil
8/21/2017 5:20:02 PM



#12
1,3-Dichlorobenzene
Concen: 21.650 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	249936		
148	63.6	51.8	77.6	
75	38.9	23.1	34.7	





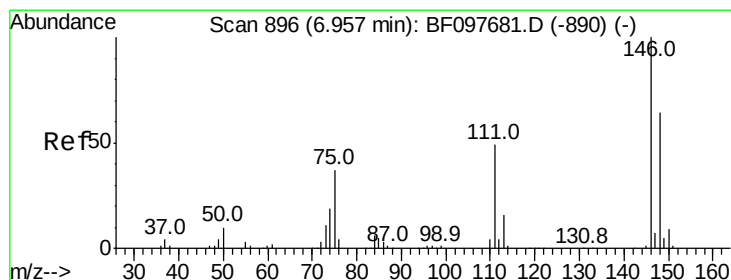
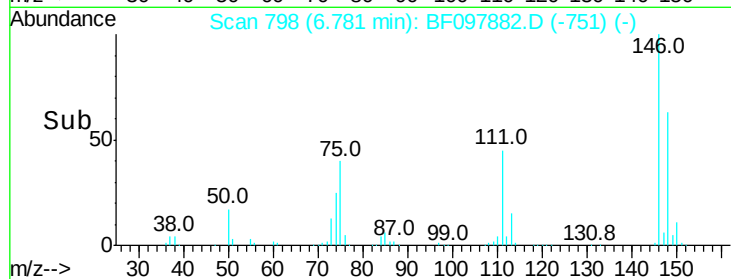
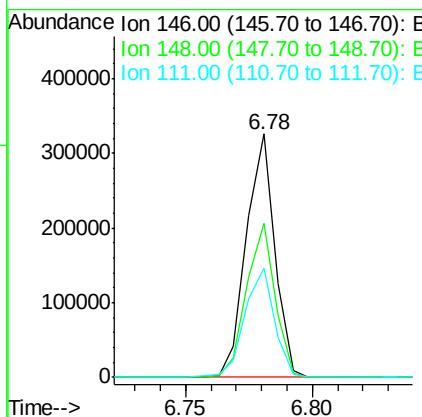
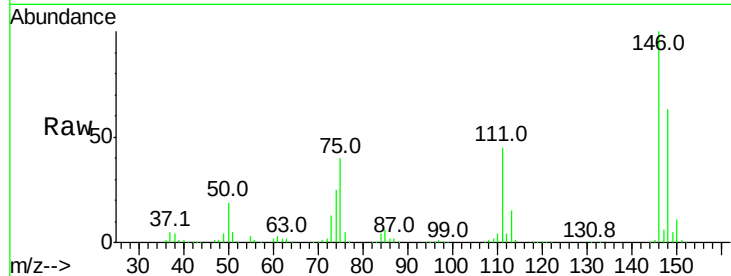
#13
 1,4-Dichlorobenzene
 Concen: 21.682 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	44.9	30.3	45.5

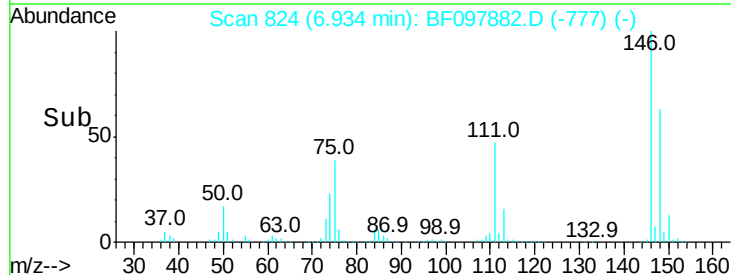
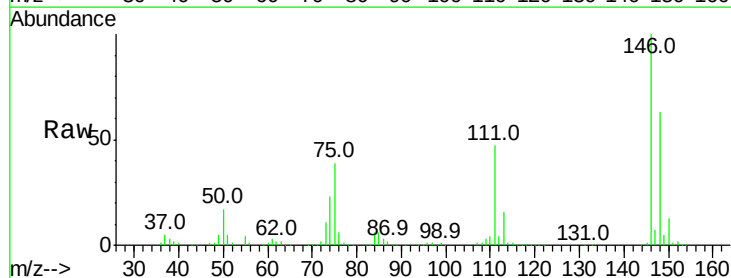
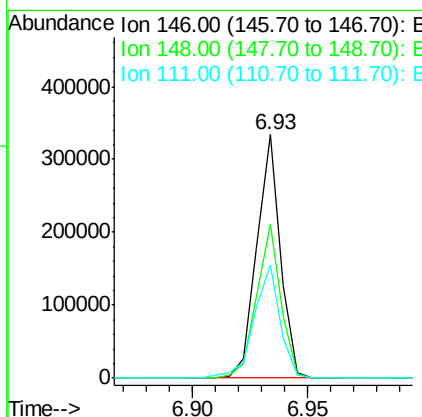
Manual Integrations
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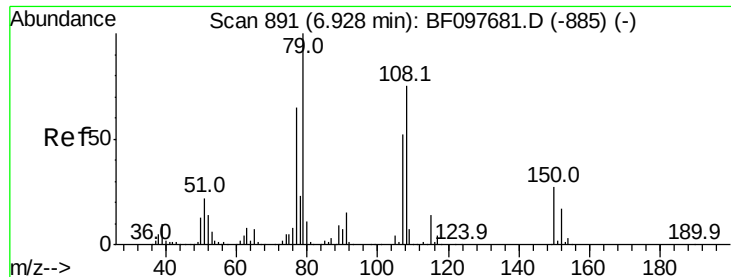
Sohil
 8/21/2017 5:20:02 PM



#14
 1,2-Dichlorobenzene
 Concen: 22.082 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	46.6	38.2	57.4





#15

Benzyl Alcohol

Concen: 26.038 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

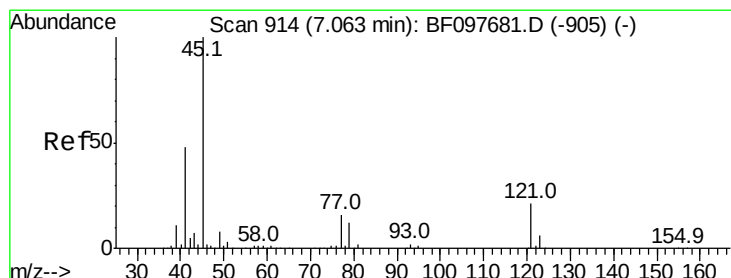
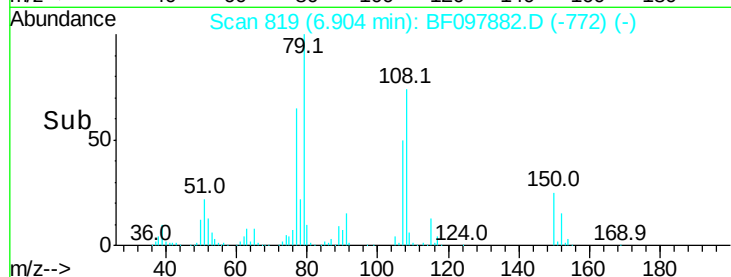
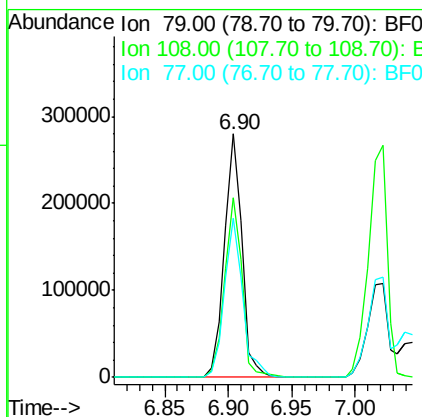
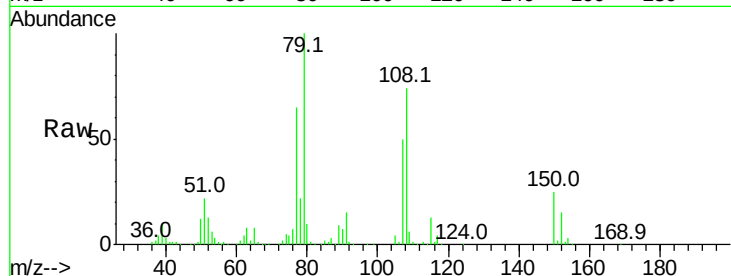
ClientSampleId :

PI-1(3)MSD

Tot Ion:	79	Resp:	269547
Ion Ratio	Lower	Upper	
79	100		
108	73.6	63.4	95.0
77	65.3	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 23.929 ng

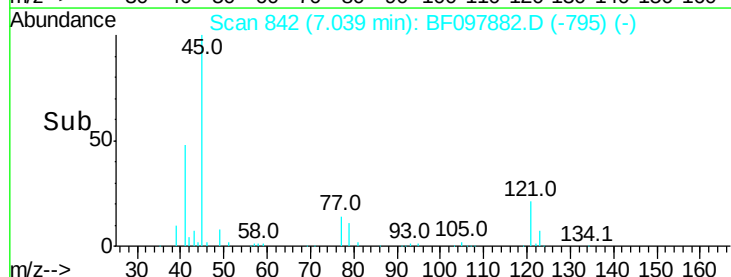
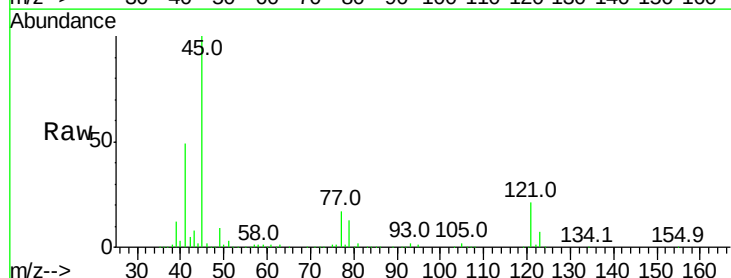
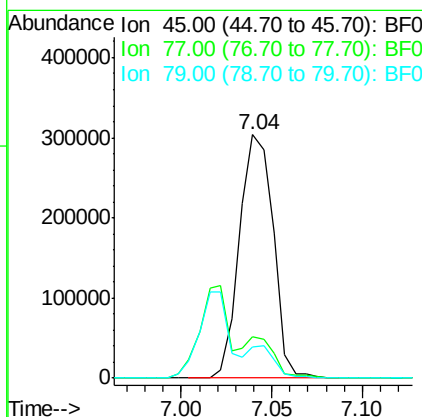
RT: 7.04 min Scan# 842

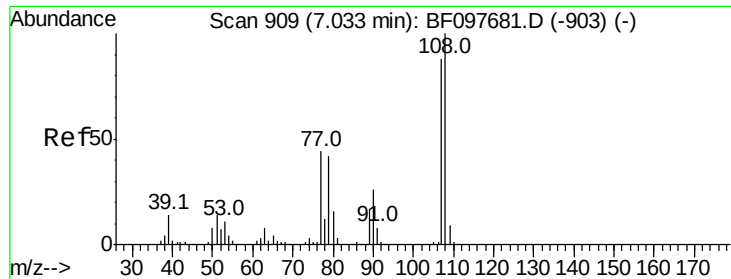
Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	45	Resp:	392965
Ion Ratio	Lower	Upper	
45	100		
77	17.0	0.0	33.2
79	12.9	0.0	30.0





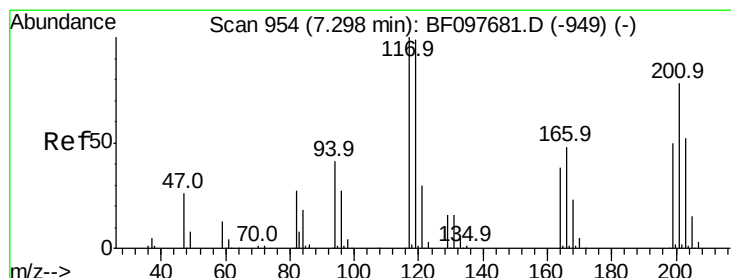
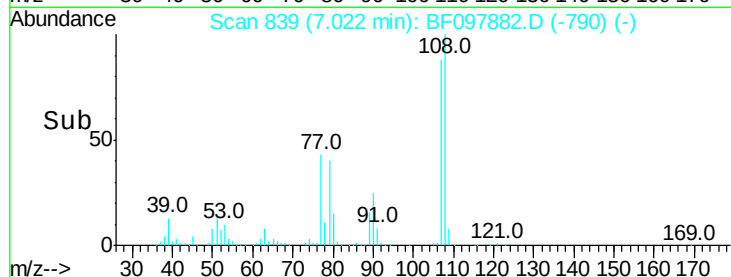
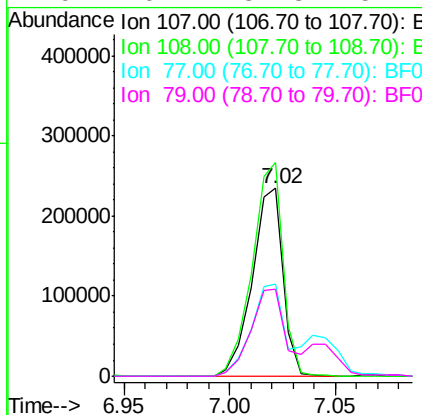
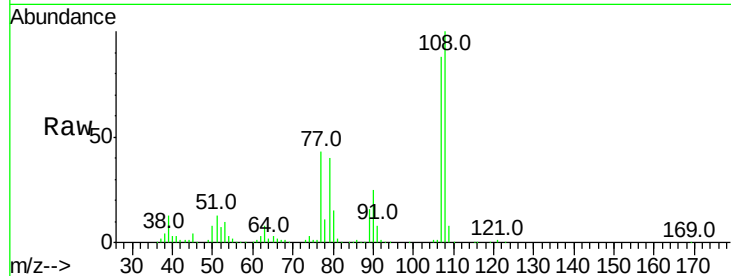
#17
2-Methylphenol
Concen: 25.255 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	93.4	140.0	
77	49.3	35.8	53.6	
79	46.1	34.8	52.2	

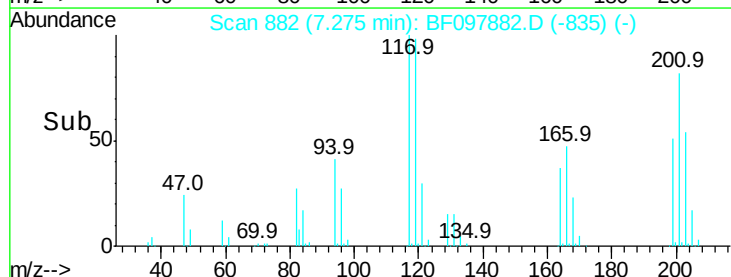
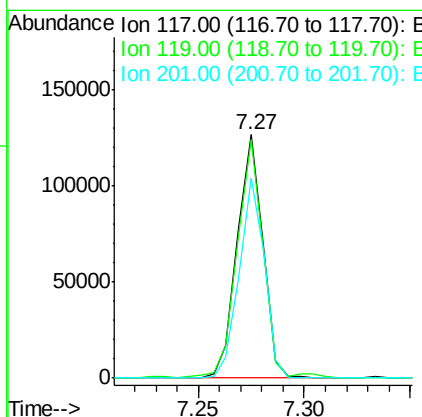
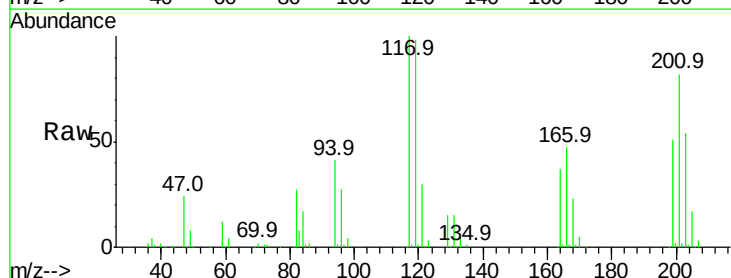
Manual Integrations
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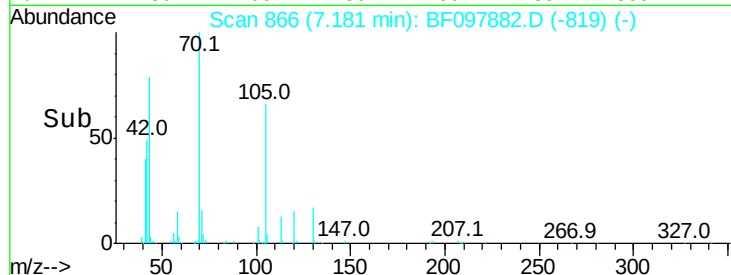
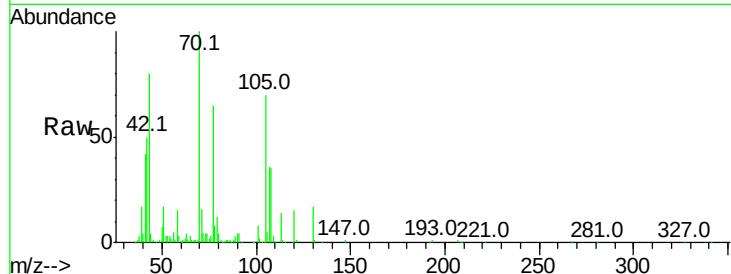
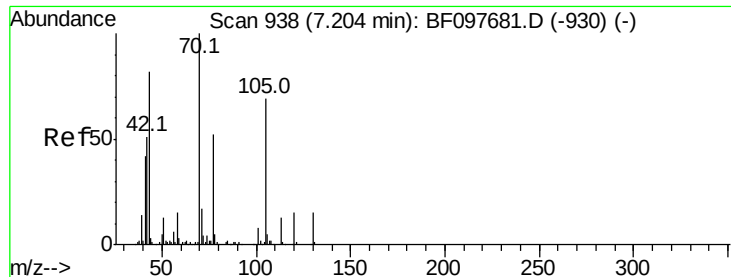
Sohil
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#18
Hexachloroethane
Concen: 23.008 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.8	77.4	116.0	
201	82.2	94.6	141.8#	





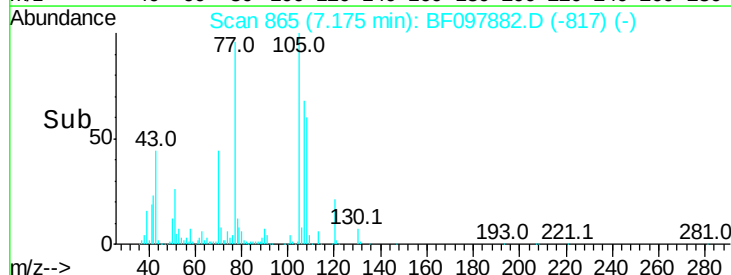
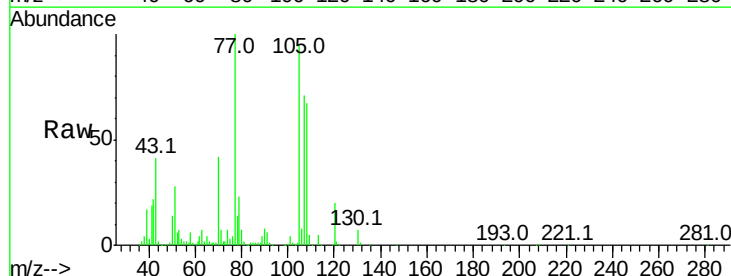
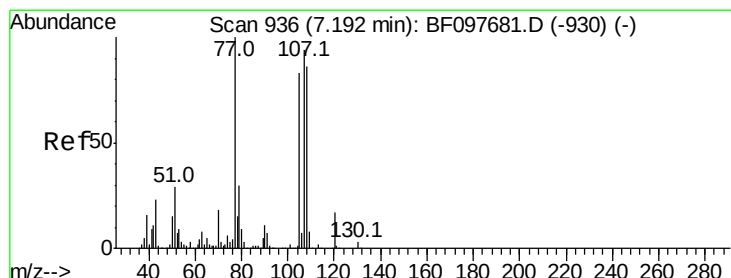
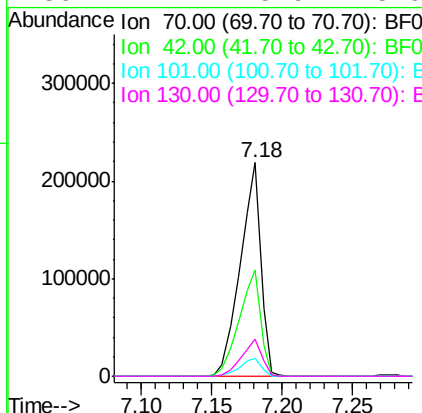
#19
n-Nitroso-di-n-propylamine
Concen: 23.437 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	49.8		47.2	70.8	
101	8.4		7.2	10.8	
130	17.2		15.9	23.9	

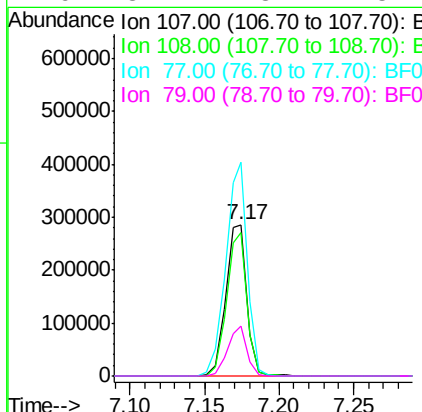
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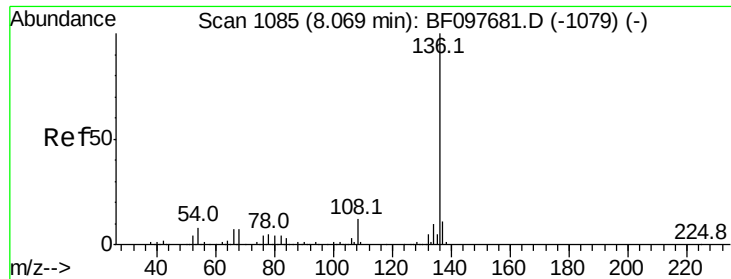
Sohil
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#20
3+4-Methylphenols
Concen: 24.682 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.7		71.0	111.0	
77	141.0		90.5	130.5#	
79	32.7		8.4	48.4	





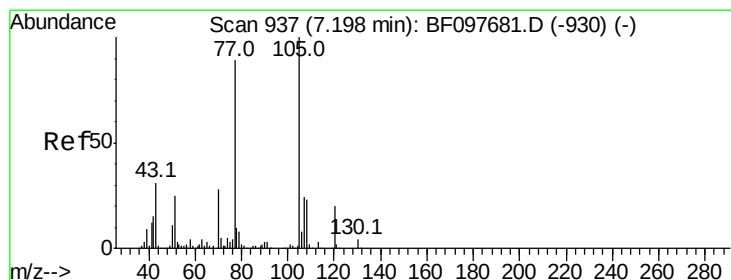
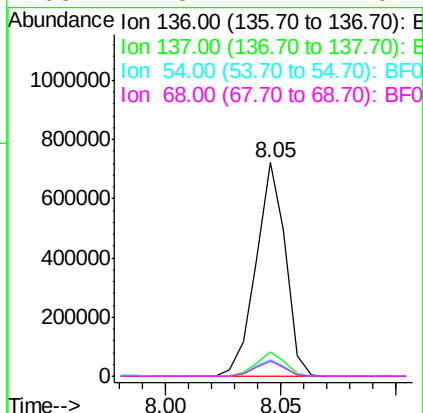
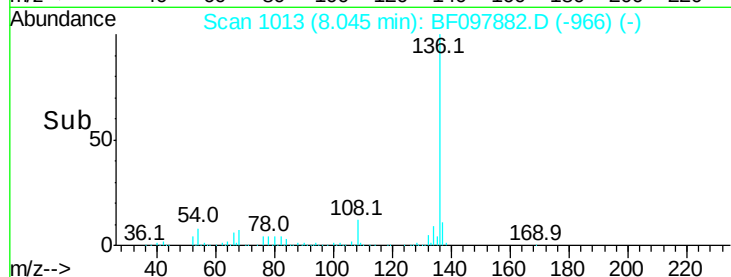
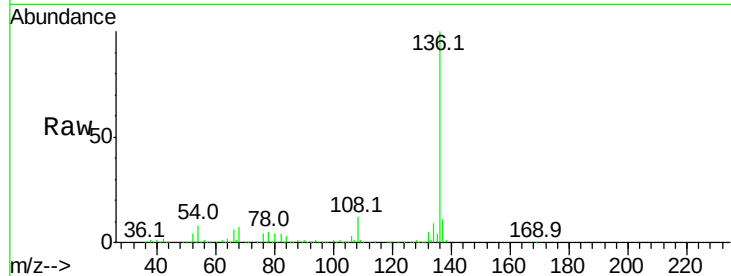
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.0	4.9	7.3#
68	7.3	4.1	6.1#

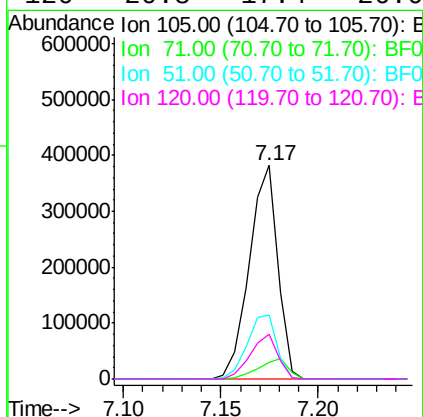
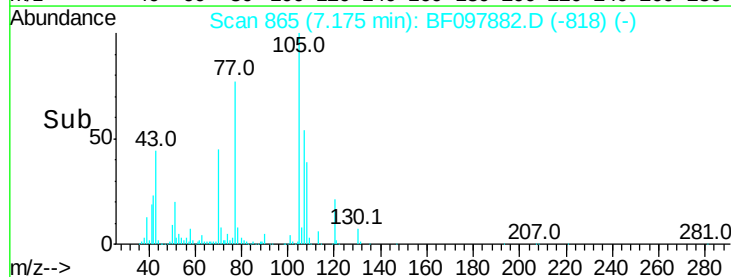
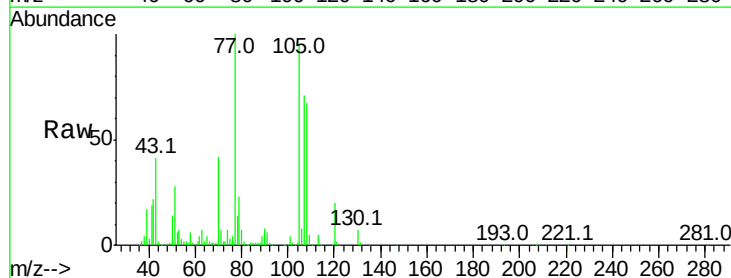
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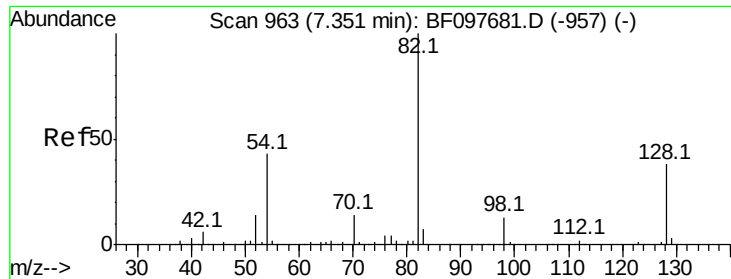
Sohil
8/21/2017 5:20:02 PM



#22
Acetophenone
Concen: 22.807 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	2.8	4.2#
51	29.9	30.7	46.1#
120	20.8	17.4	26.0





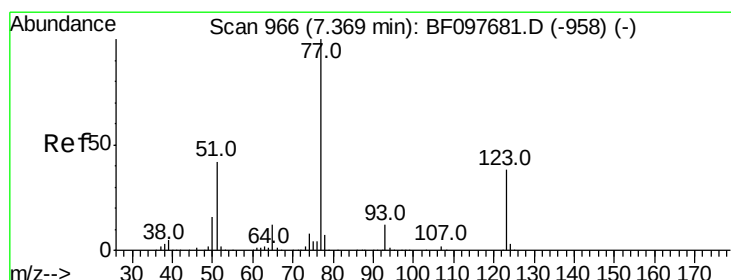
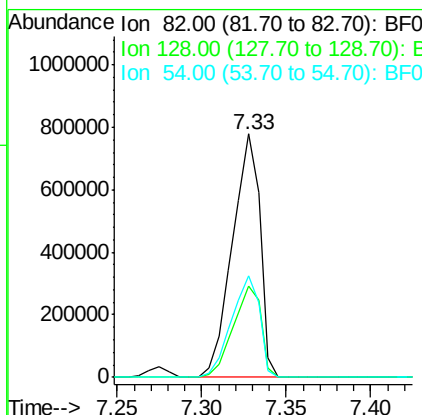
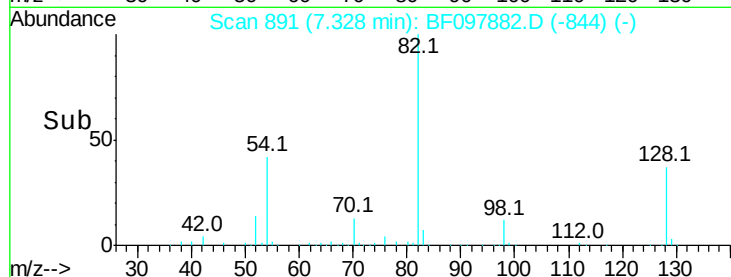
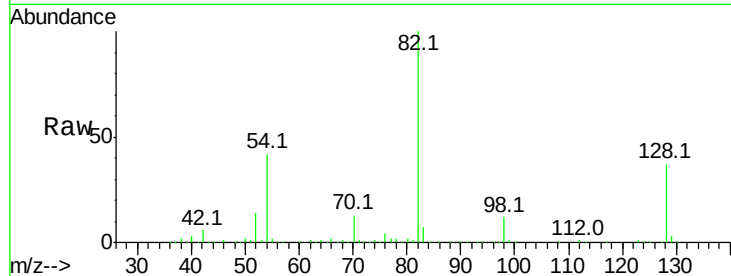
#23
 Nitrobenzene-d5
 Concen: 75.030 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.0	51.0
54	41.9	42.2	63.2#

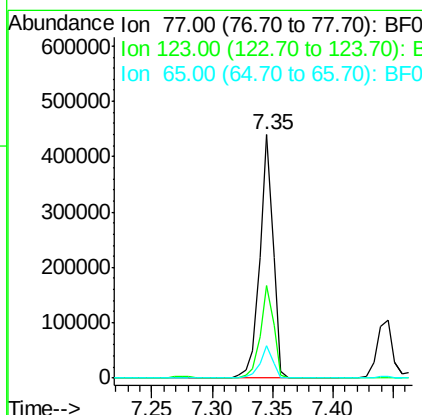
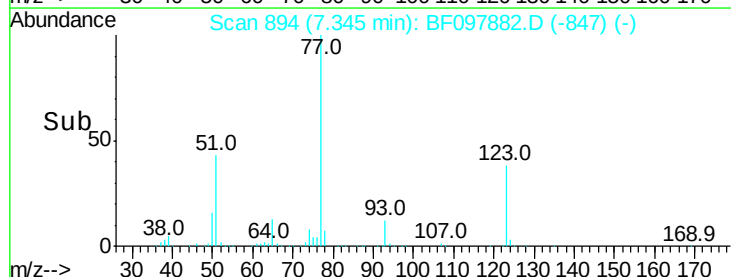
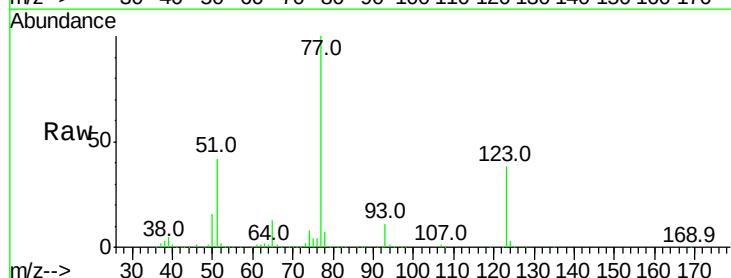
Manual Integrations
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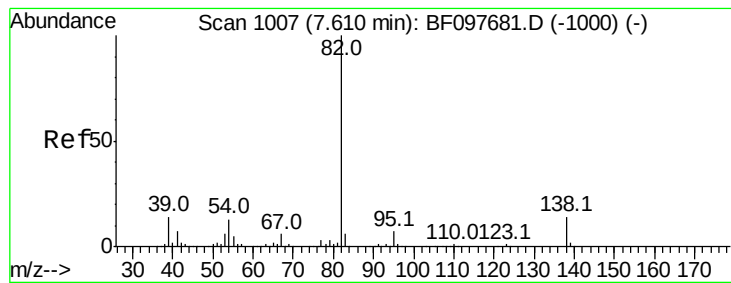
Sohil
 8/21/2017 5:20:02 PM



#24
 Nitrobenzene
 Concen: 25.859 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 25.454 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

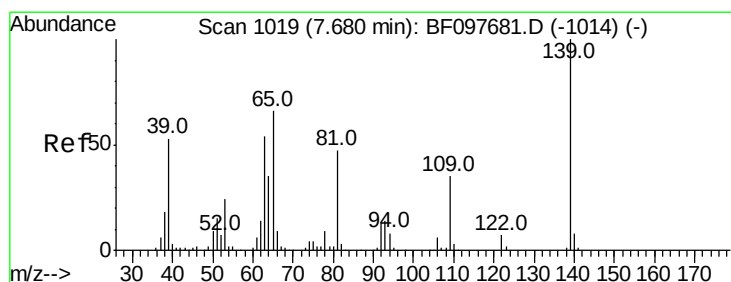
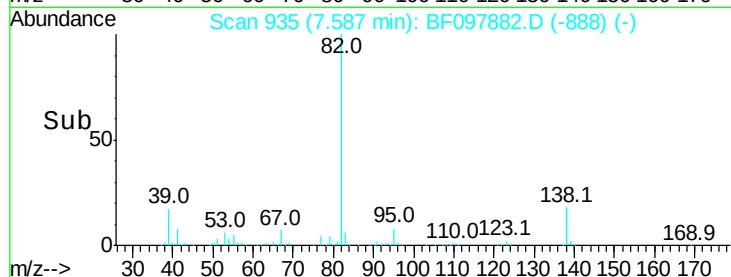
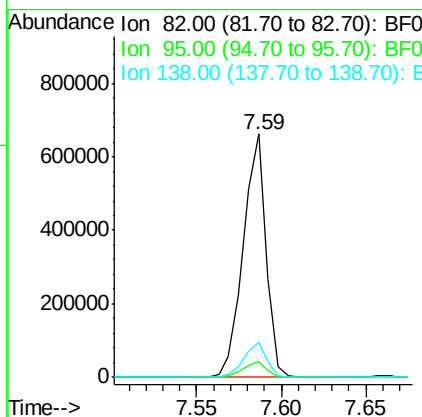
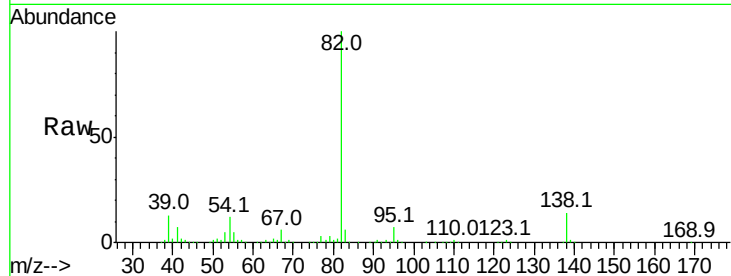
ClientSampleId :

PI-1(3)MSD

Tot Ion:	82	Resp:	625012
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.5	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 29.324 ng

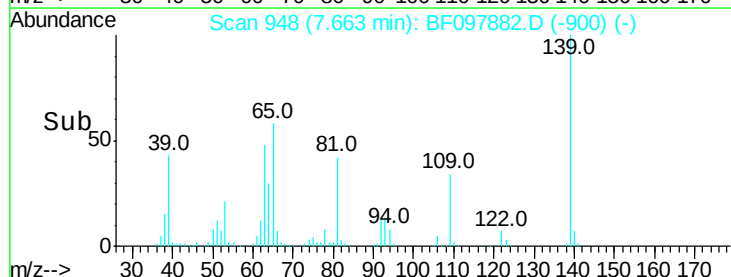
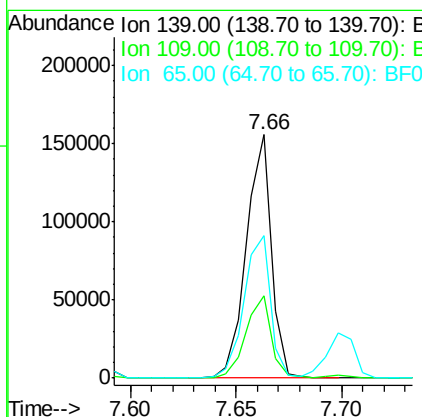
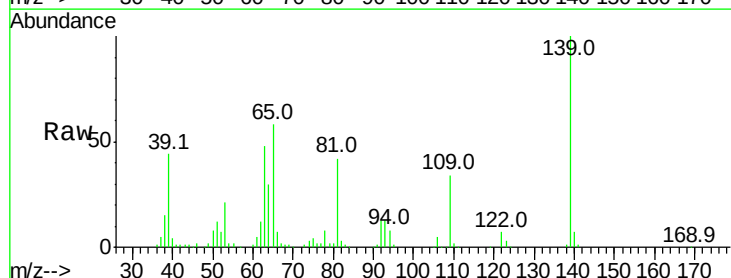
RT: 7.66 min Scan# 948

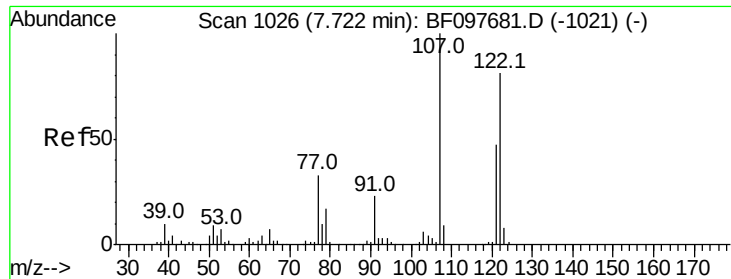
Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	139	Resp:	128742
Ion Ratio	Lower	Upper	
139	100		
109	33.9	21.0	31.6#
65	58.5	33.0	49.6#





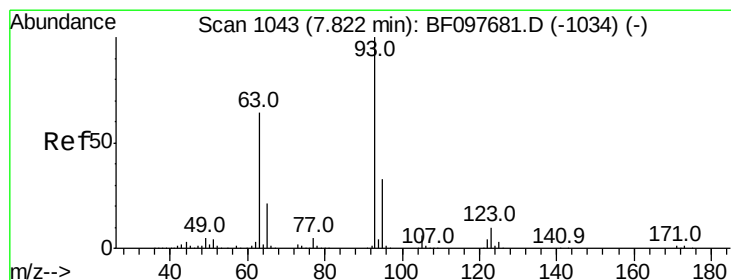
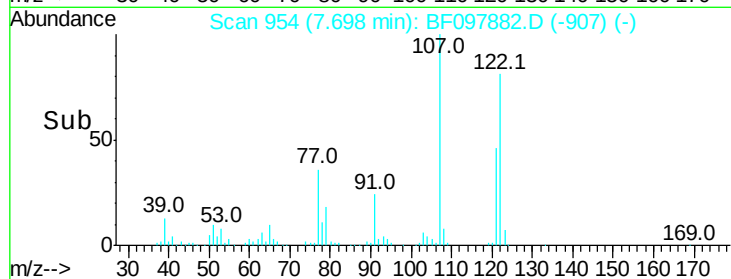
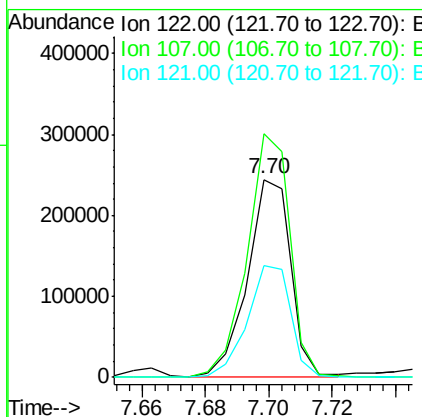
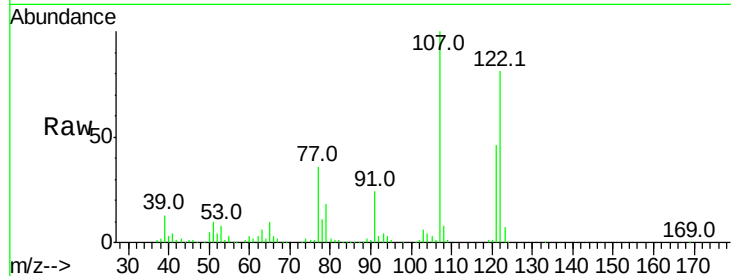
#27
 2,4-Dimethylphenol
 Concen: 22.636 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	231812		
107	123.2	89.2	133.8	
121	56.3	45.2	67.8	

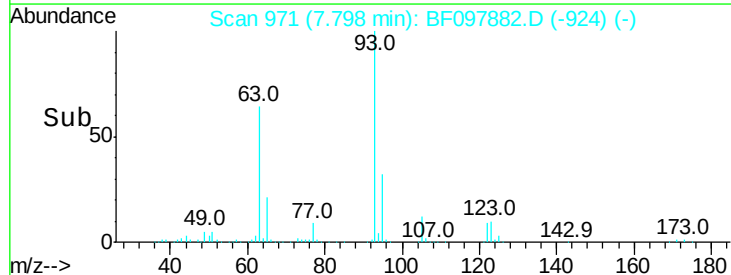
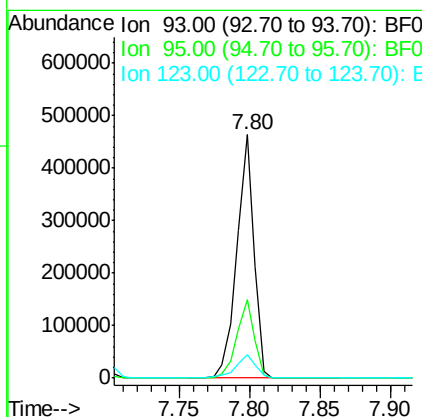
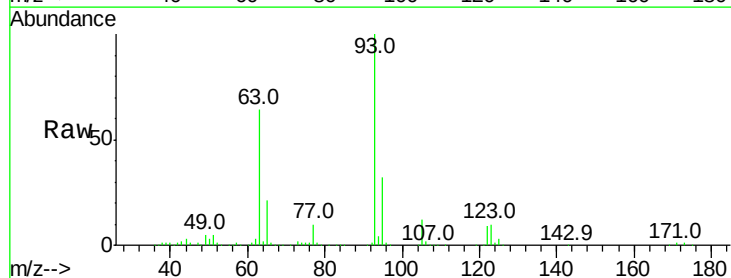
Manual Integrations
 APPROVED

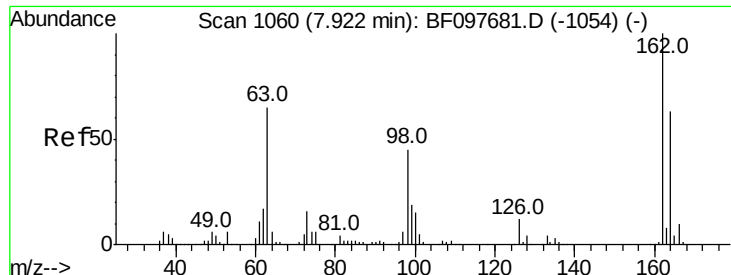
Sohil
 8/21/2017 5:20:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.223 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	391038		
95	32.1	26.5	39.7	
123	9.8	9.0	13.4	





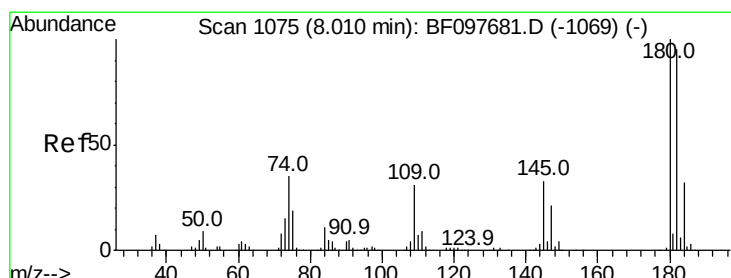
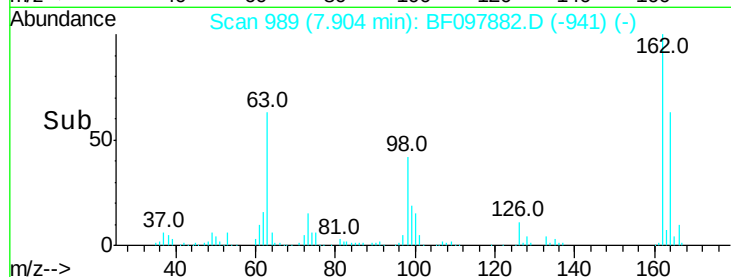
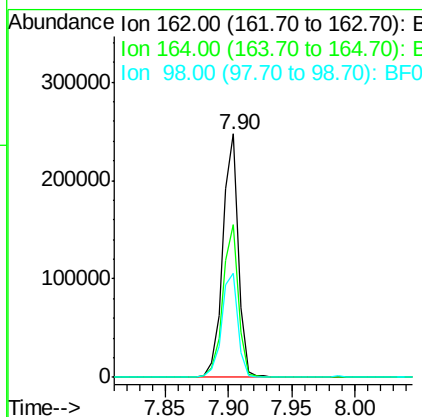
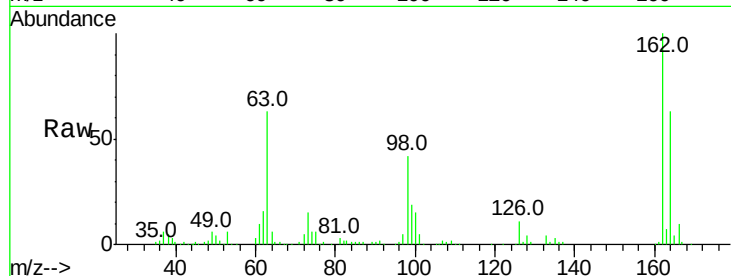
#29
 2,4-Dichlorophenol
 Concen: 24.950 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	212092		
164	63.0	44.6	84.6	
98	42.5	14.8	54.8	

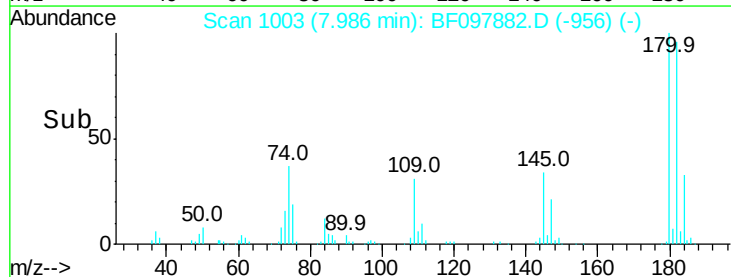
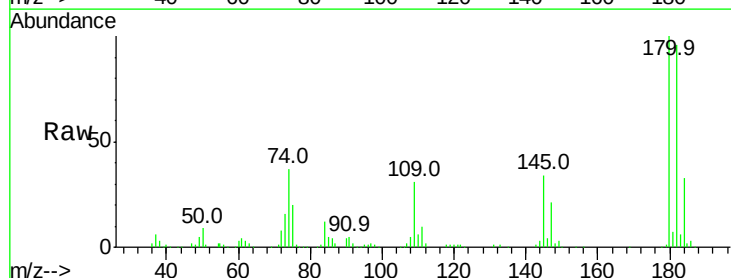
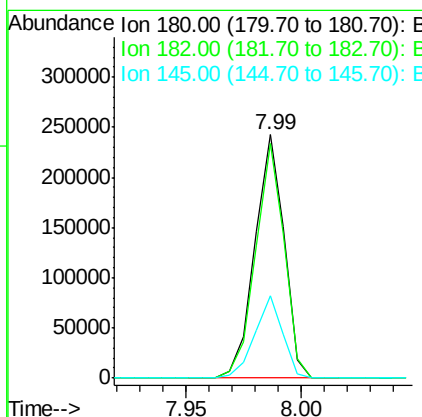
Manual Integrations
 APPROVED

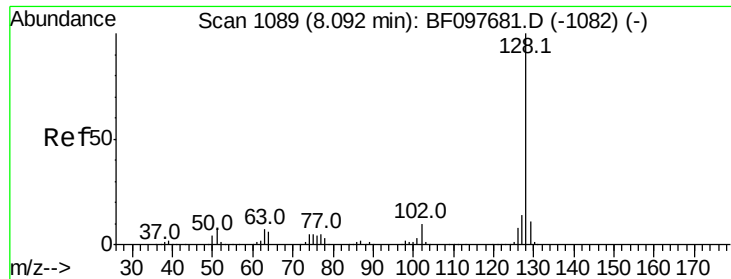
Sohil
 8/21/2017 5:20:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 22.757 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214459		
182	96.5	75.8	113.6	
145	34.0	25.3	37.9	





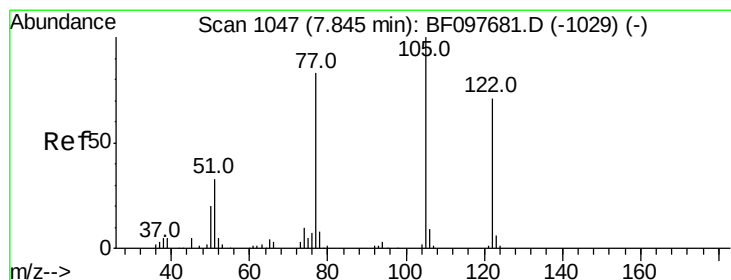
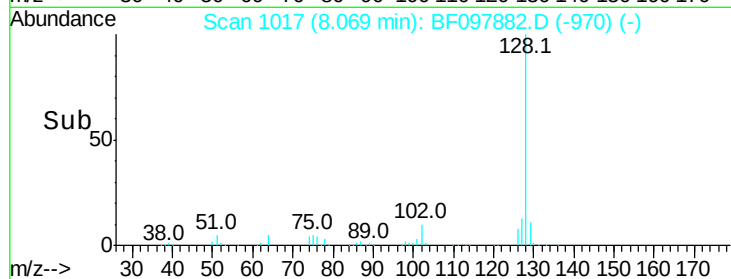
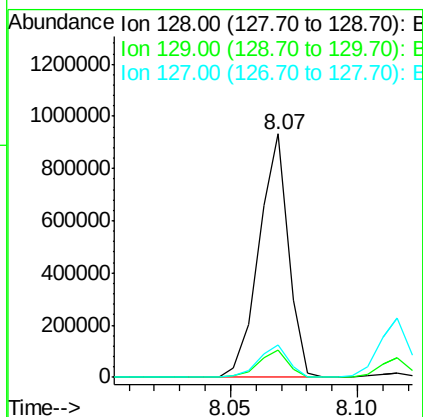
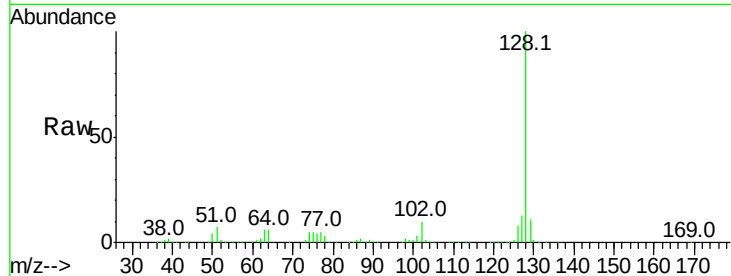
#31
Naphthalene
Concen: 22.754 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.4	10.8	16.2	

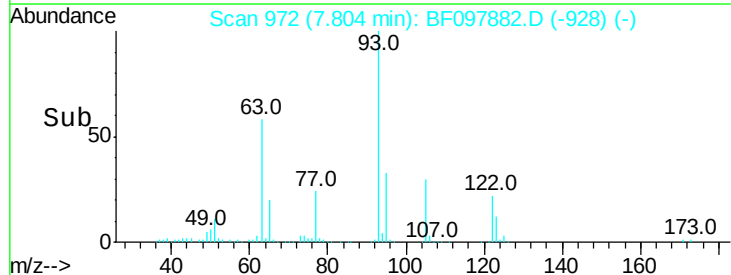
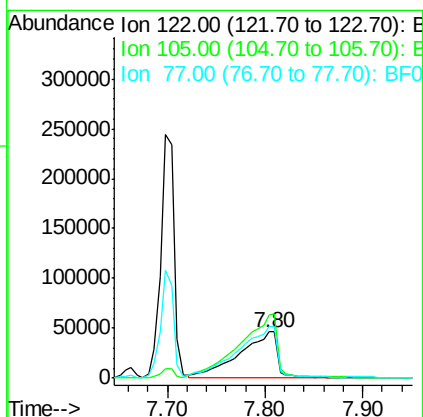
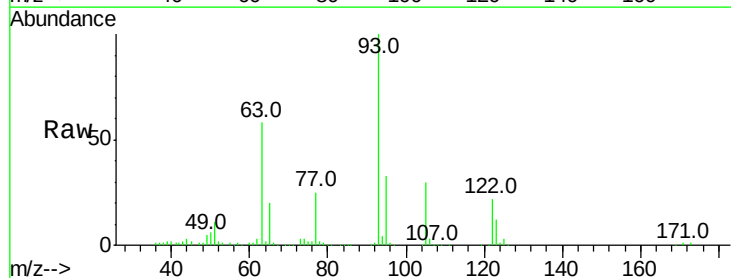
Manual Integrations
APPROVED

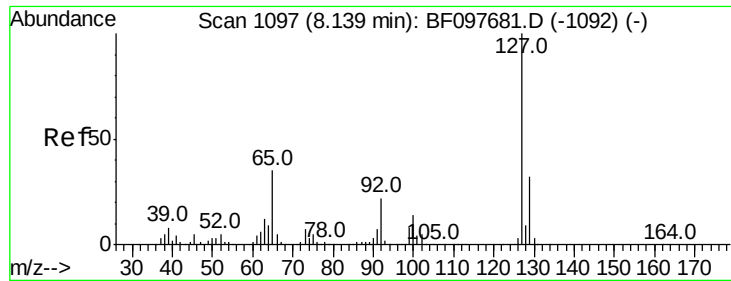
Sohil
8/21/2017 5:20:02 PM



#32
Benzoic acid
Concen: 21.145 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.04 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	137.4	103.3	143.3	
77	112.5	73.7	113.7	





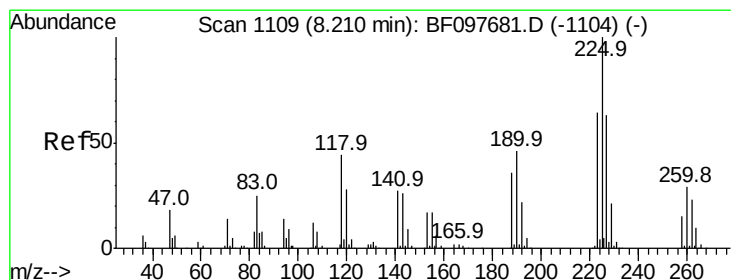
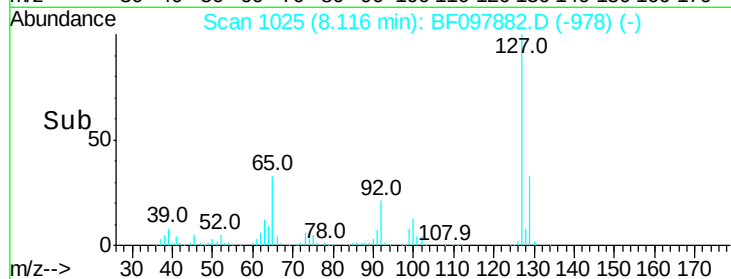
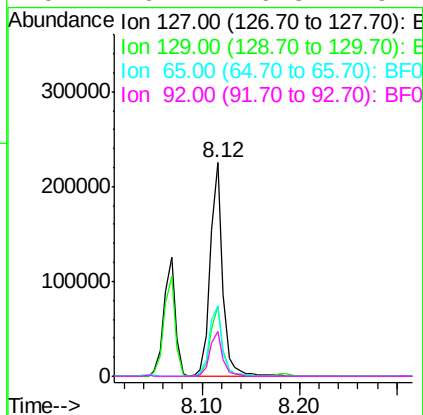
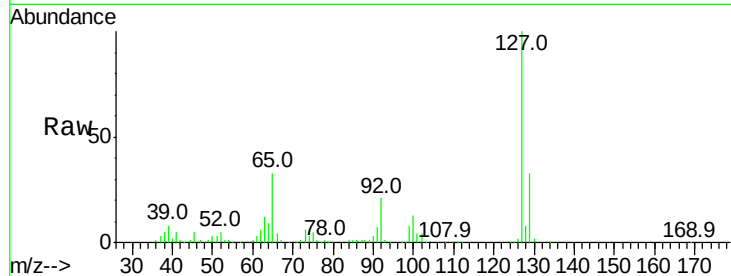
#33
4-Chloroaniline
Concen: 14.206 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.8	26.2	39.2	
65	32.9	27.8	41.8	
92	20.7	16.8	25.2	

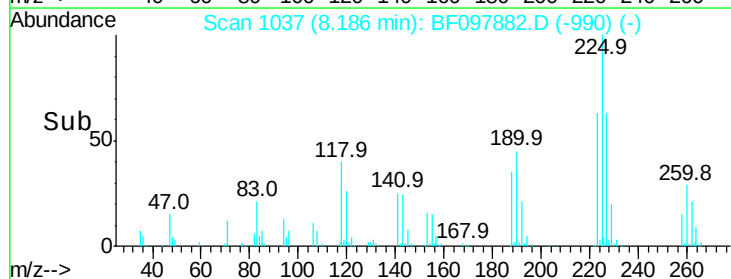
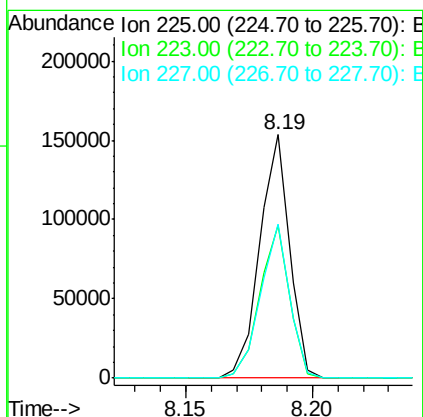
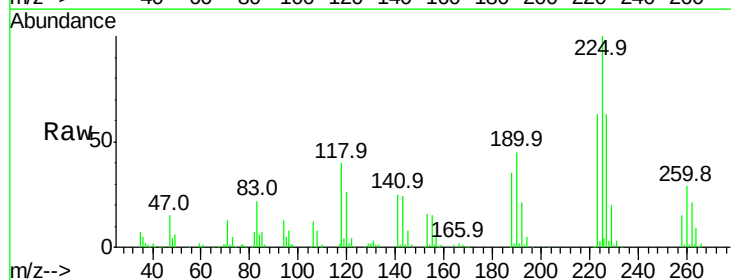
Manual Integrations
APPROVED

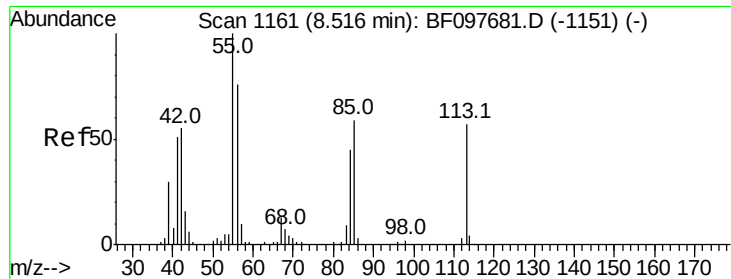
Sohil
8/21/2017 5:20:02 PM



#34
Hexachlorobutadiene
Concen: 23.042 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.9	48.8	73.2	
227	63.1	51.1	76.7	





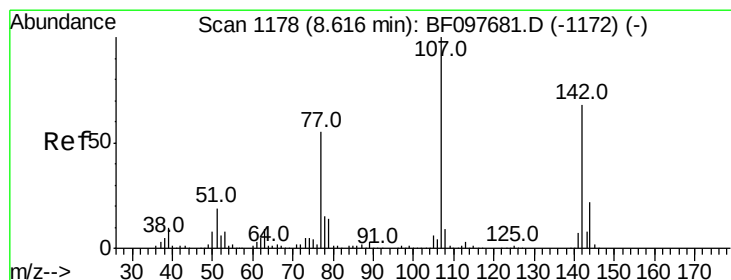
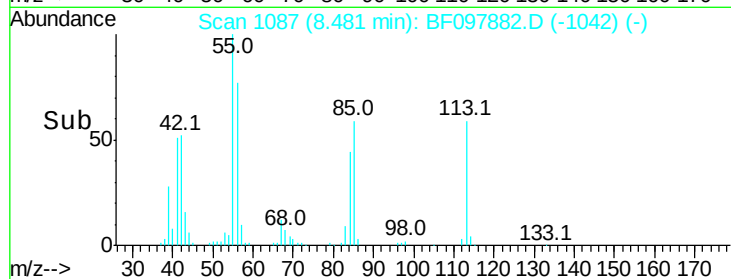
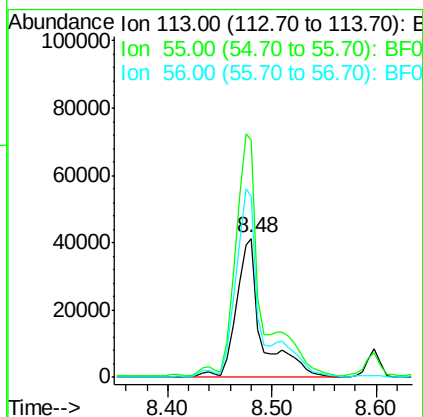
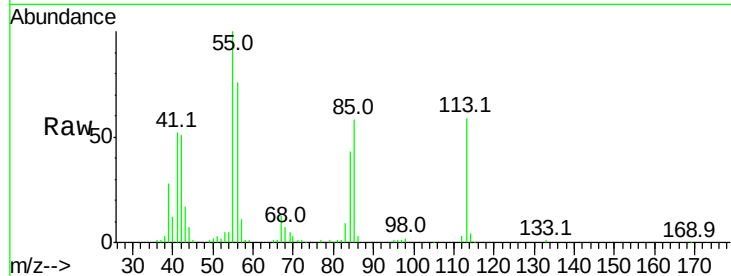
#35
 Caprolactam
 Concen: 24.384 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.04 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	170.5	150.2	190.2
56	129.5	107.8	147.8

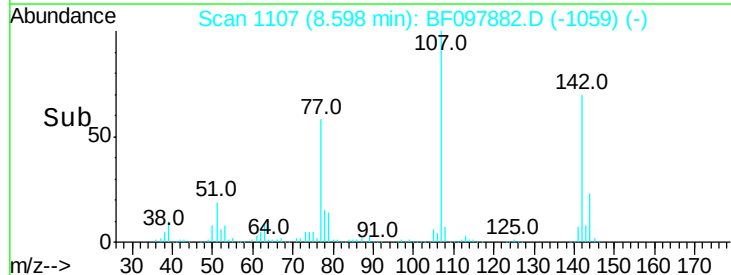
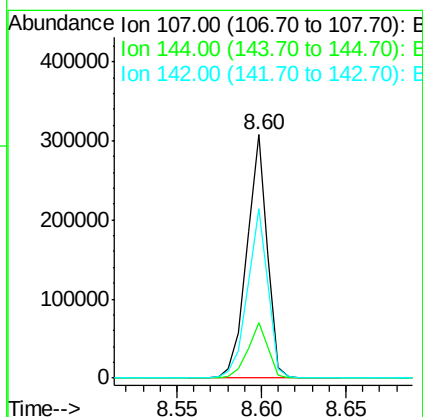
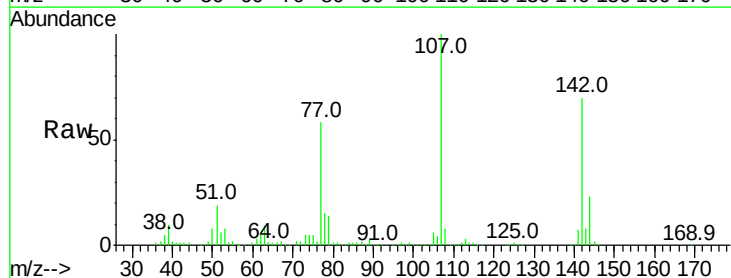
Manual Integrations
 APPROVED

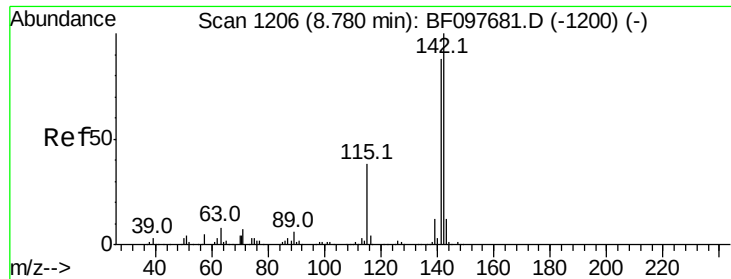
Sohil
 8/21/2017 5:20:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 23.947 ng/ml
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.6	24.2	36.4#
142	69.6	73.4	110.0#





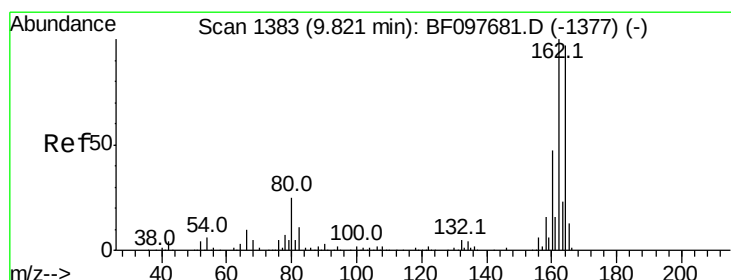
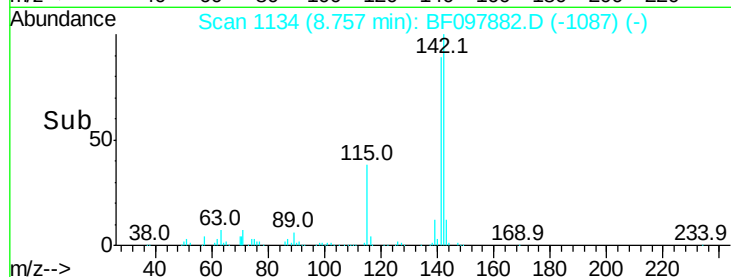
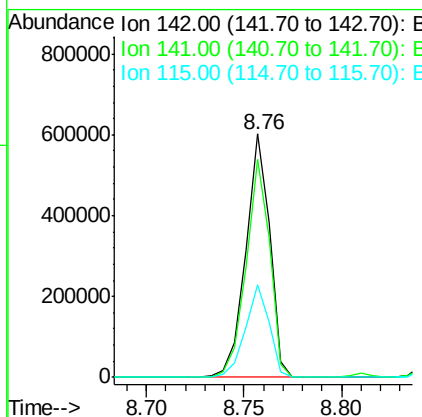
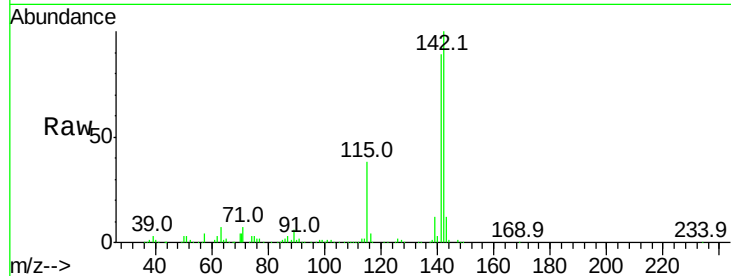
#37
2-Methylnaphthalene
Concen: 25.084 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
142	100	512171		
141	89.4	71.3	106.9	
115	38.2	27.1	40.7	

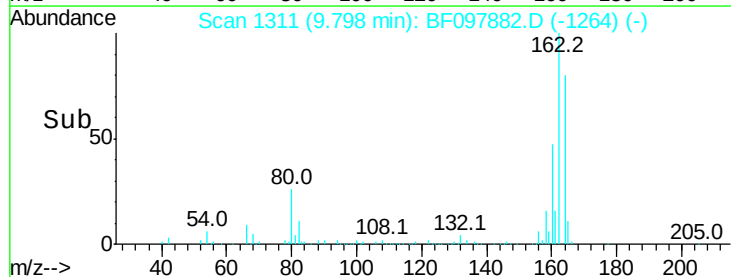
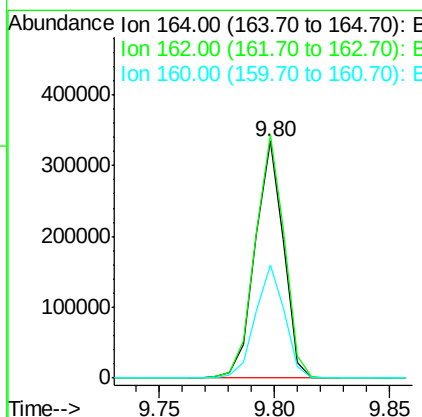
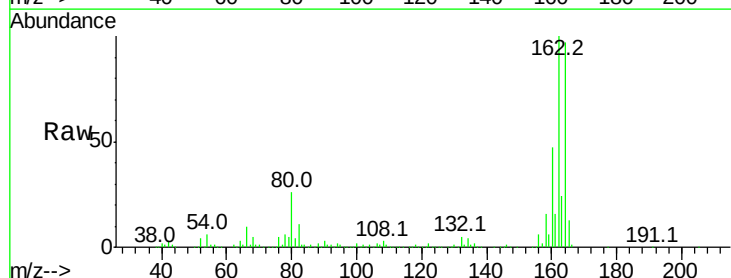
Manual Integrations
APPROVED

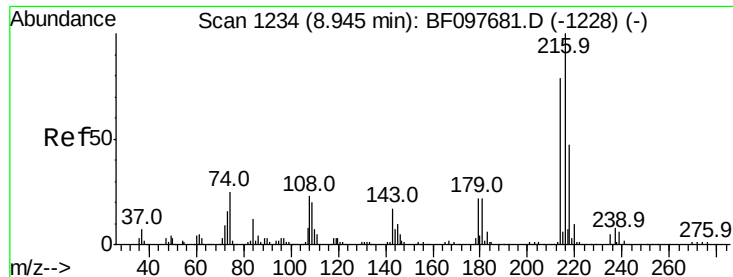
Sohil
8/21/2017 5:20:02 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	287566		
162	102.7	82.6	123.8	
160	47.9	36.2	54.2	





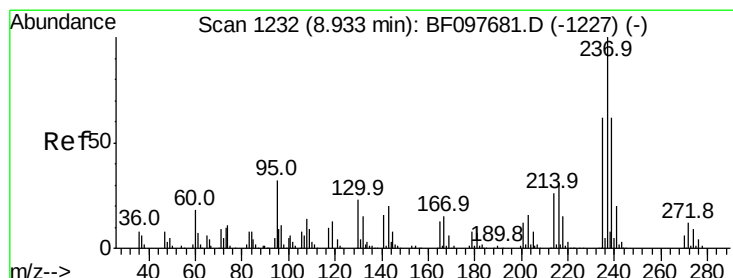
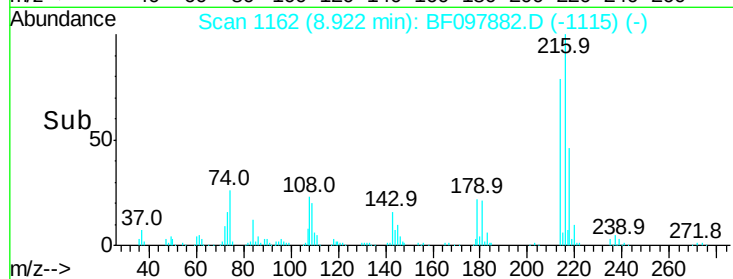
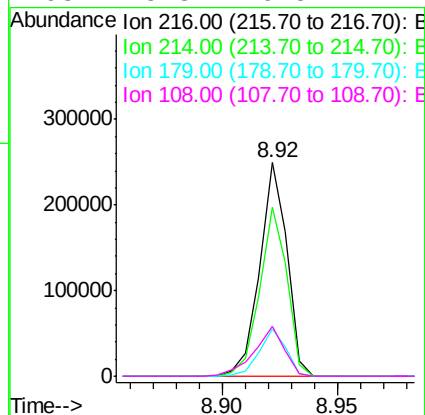
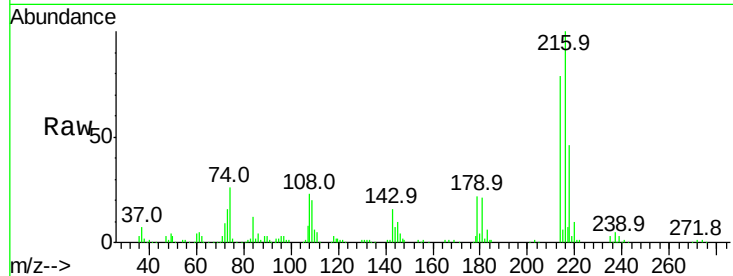
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 23.425 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.8	63.4	95.2
179	21.8	17.9	26.9
108	25.8	16.5	24.7#

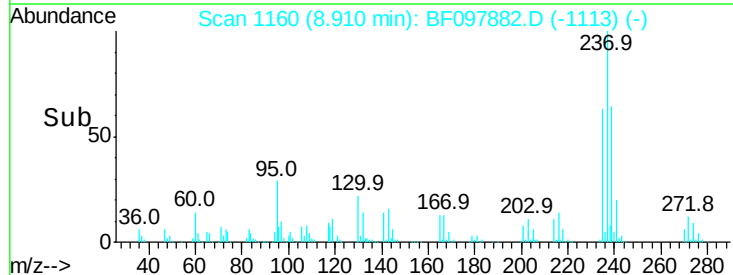
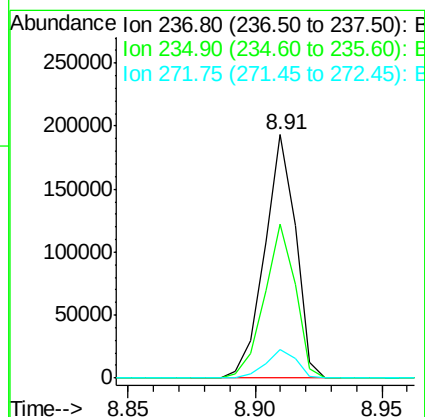
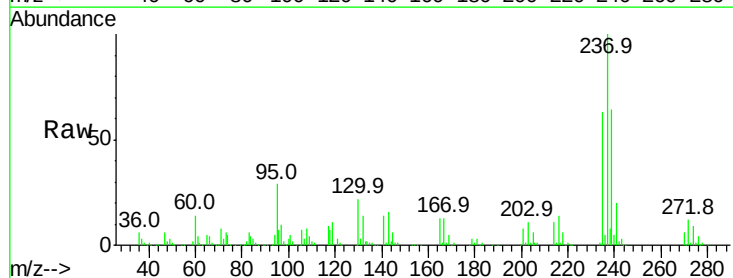
Manual Integrations
 APPROVED

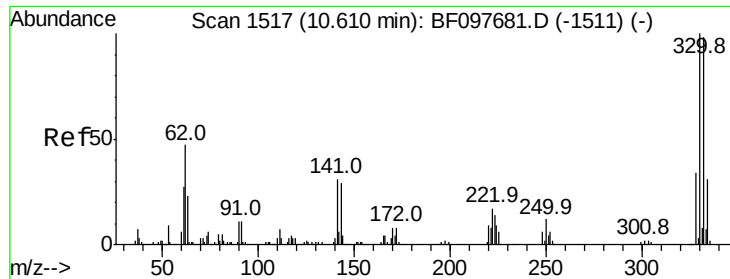
Sohil
 8/21/2017 5:20:02 PM



#40
 Hexachlorocyclopentadiene
 Concen: 39.223 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.6	82.6
272	11.8	0.0	31.9





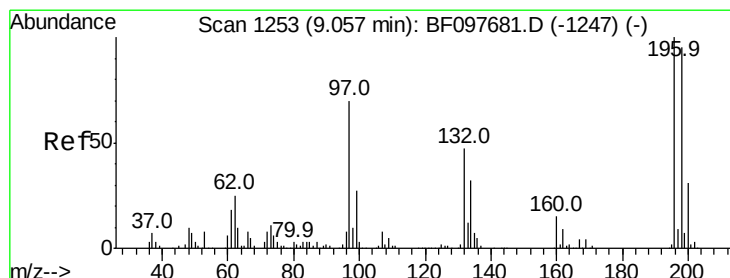
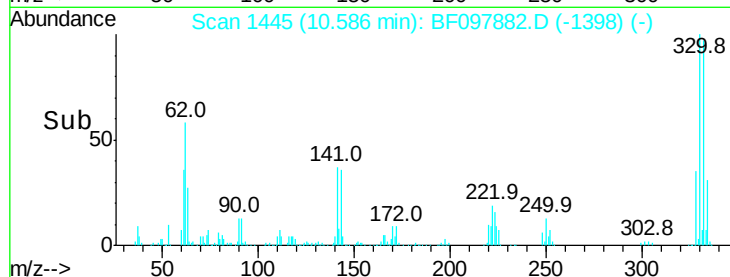
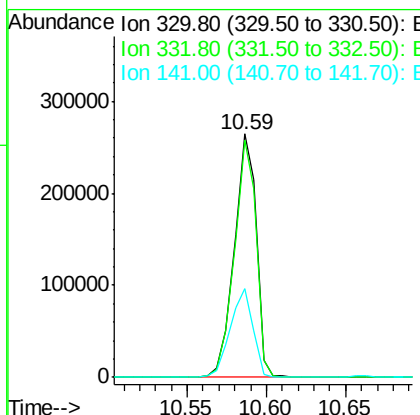
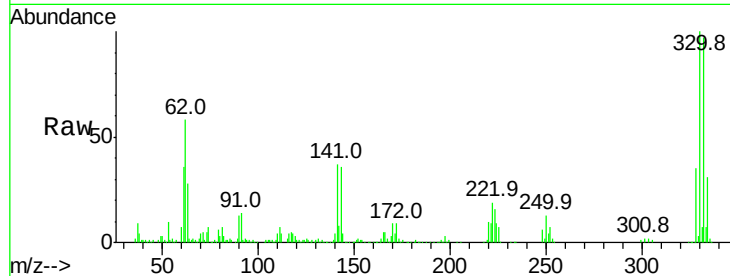
#41
 2,4,6-Tribromophenol
 Concen: 101.894 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	254235		
332	96.5	76.6	115.0	
141	37.6	31.4	47.2	

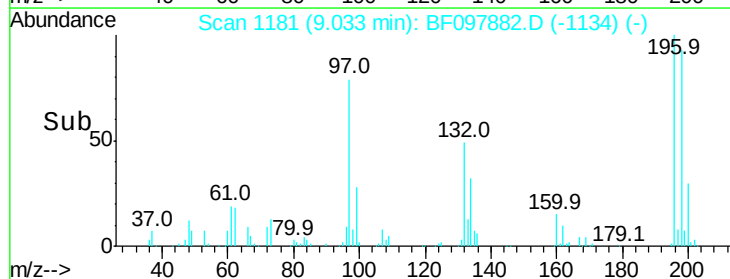
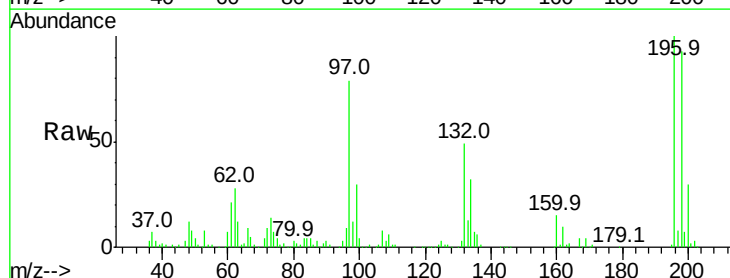
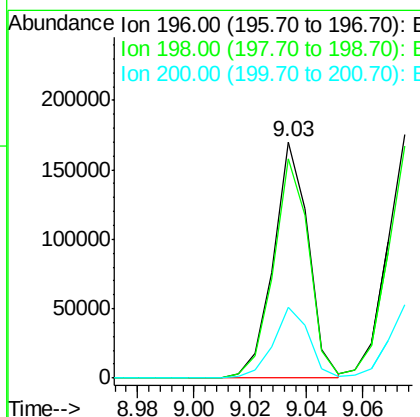
Manual Integrations
 APPROVED

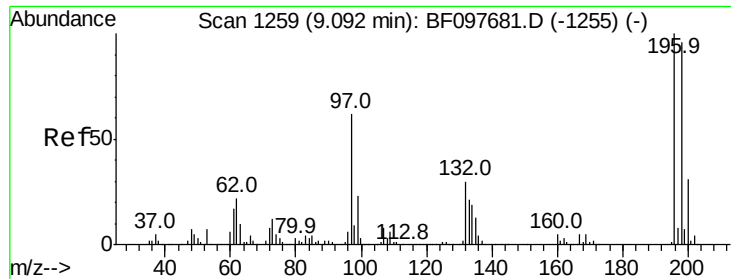
Sohil
 8/21/2017 5:20:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 24.632 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145947		
198	93.0	74.2	111.4	
200	29.8	24.0	36.0	





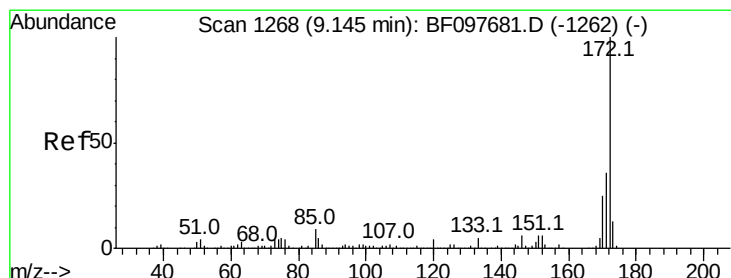
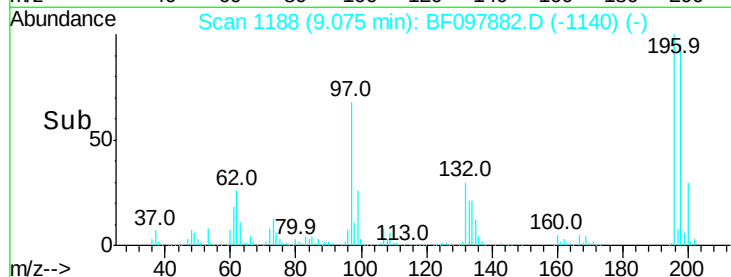
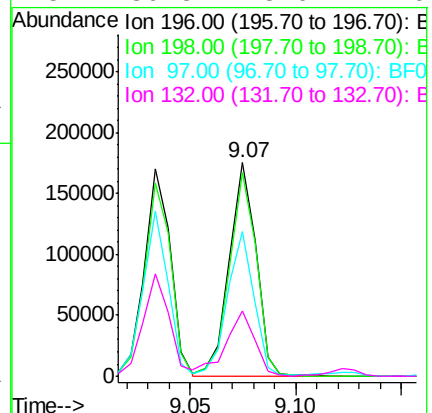
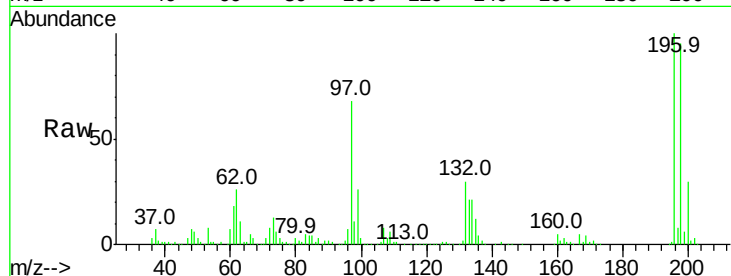
#43
 2,4,5-Trichlorophenol
 Concen: 26.212 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	196	Resp	154076
Ion Ratio	Lower	Upper	
196	100		
198	95.4	75.7	113.5
97	67.9	47.7	71.5
132	30.3	28.0	42.0

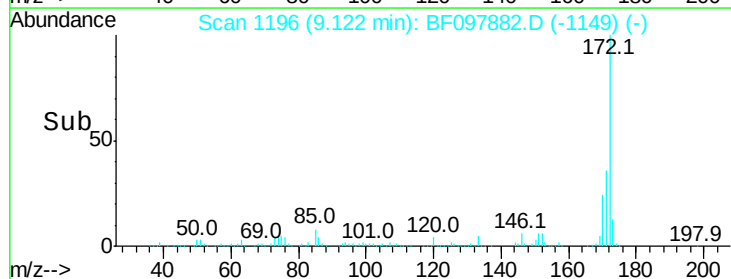
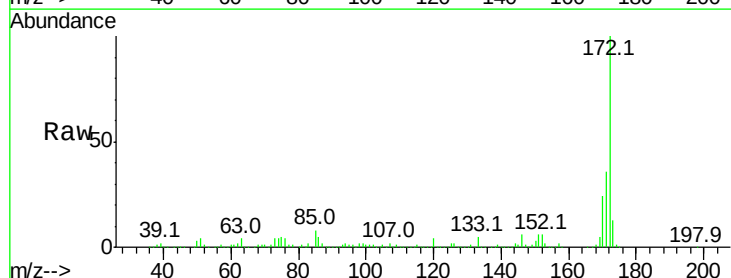
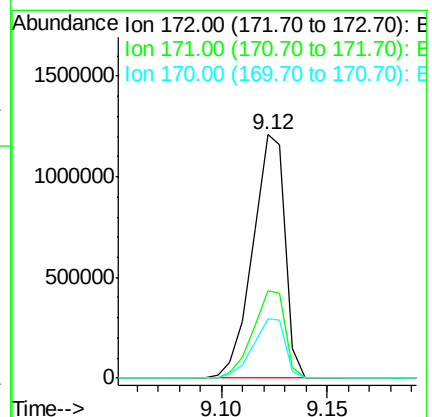
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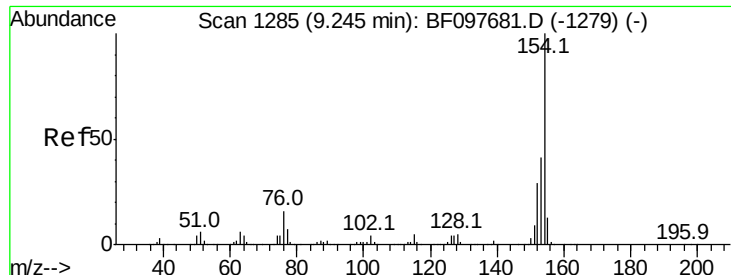
Sohil
 8/21/2017 5:20:02 PM



#44
 2-Fluorobiphenyl
 Concen: 65.566 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	172	Resp	1283315
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.6	44.4
170	24.4	19.8	29.8





#45

1,1'-Biphenyl

Concen: 23.099 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

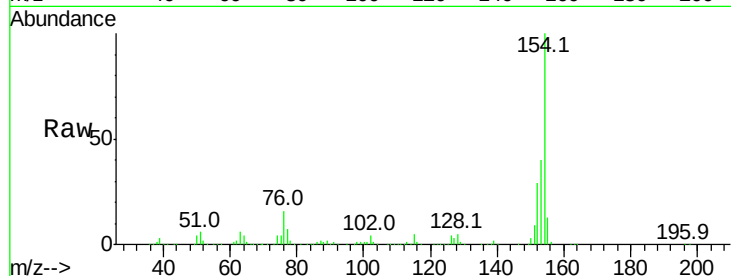
ClientSampleId :

PI-1(3)MSD

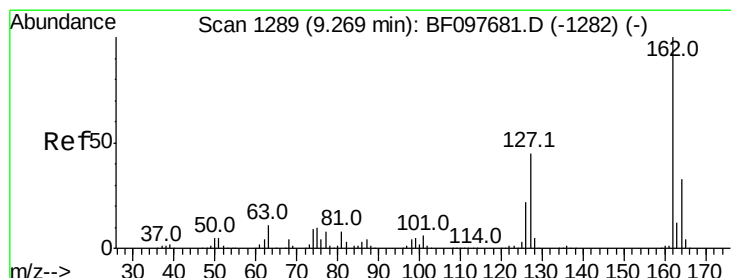
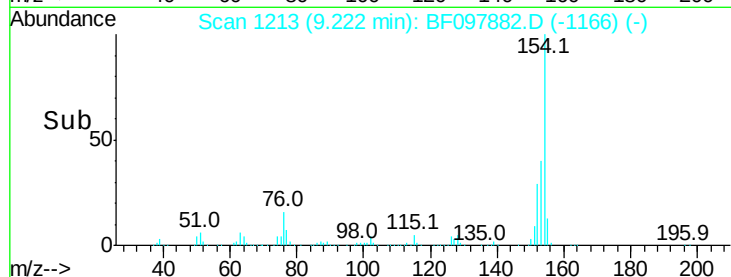
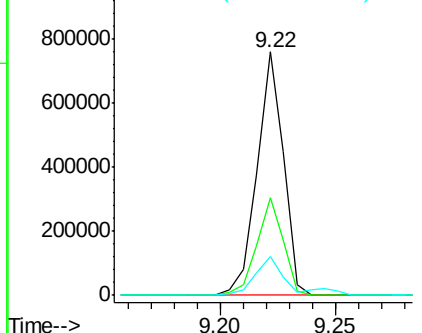
Tot Ion:	154	Resp:	605738
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.2	61.2
76	16.0	0.0	29.9

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8/21/2017 5:20:02 PM



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



#46

2-Chloronaphthalene

Concen: 22.625 ng

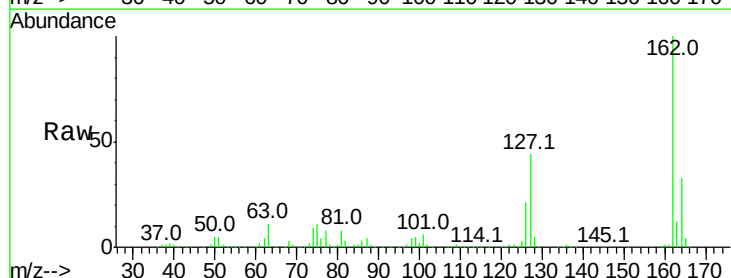
RT: 9.25 min Scan# 1217

Delta R.T. -0.02 min

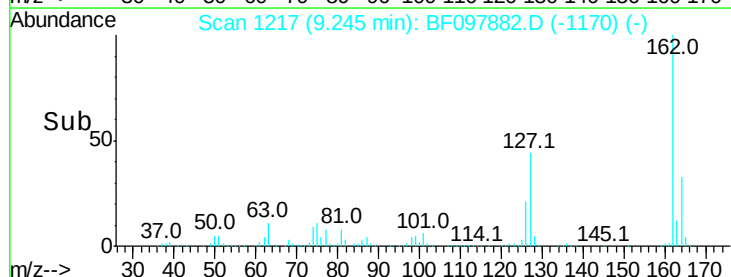
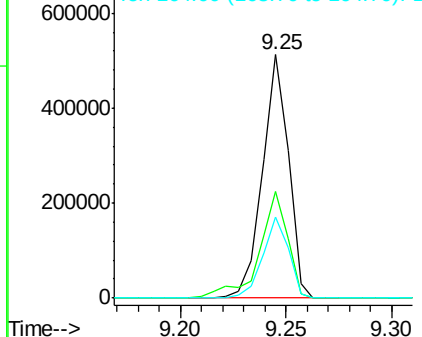
Lab File: BF097882.D

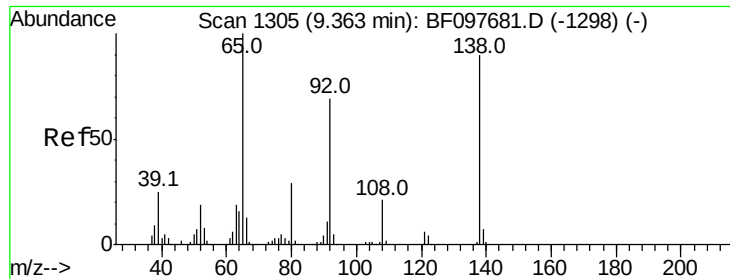
Acq: 19 Aug 2017 16:47

Tgt Ion:	162	Resp:	438369
Ion Ratio	Lower	Upper	
162	100		
127	43.7	28.3	42.5#
164	33.0	27.0	40.4



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





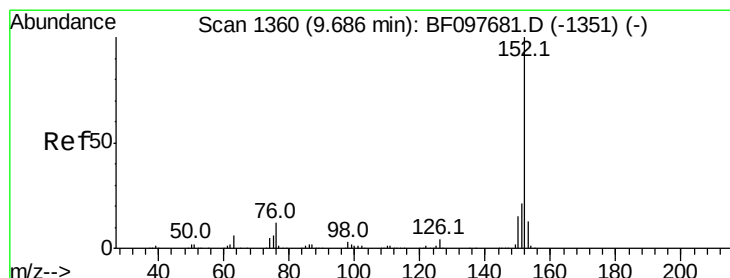
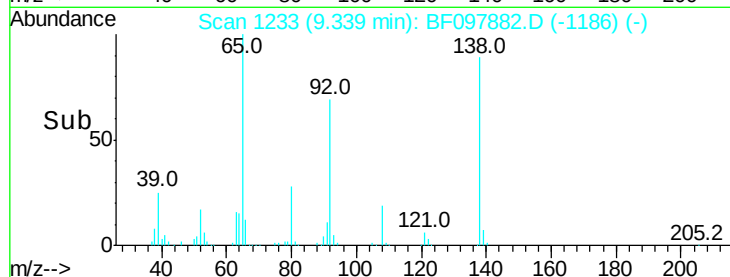
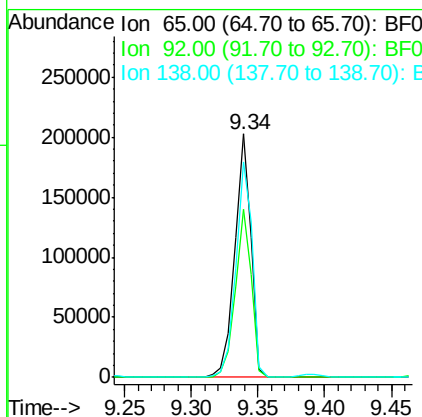
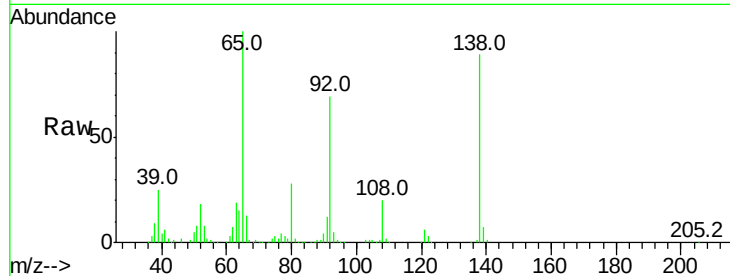
#47
2-Nitroaniline
Concen: 26.800 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.9	80.9
138	88.5	78.8	118.2

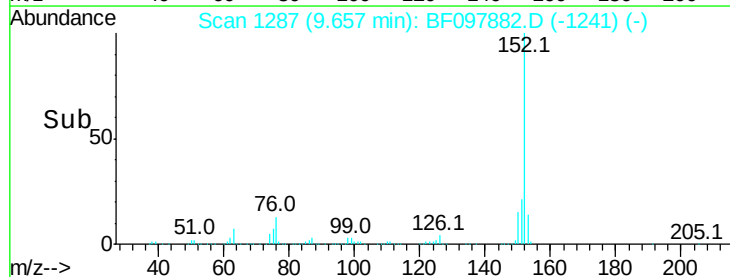
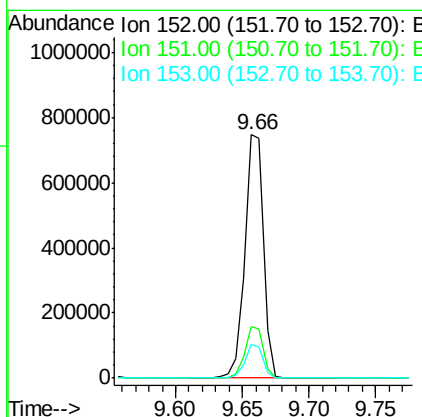
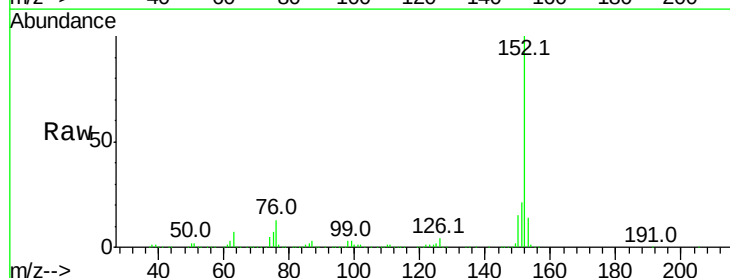
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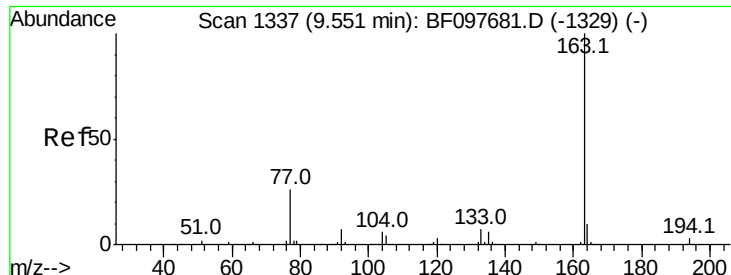
Sohil
8/21/2017 5:20:02 PM



#48
Acenaphthylene
Concen: 23.425 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.8	25.2
153	13.8	10.8	16.2





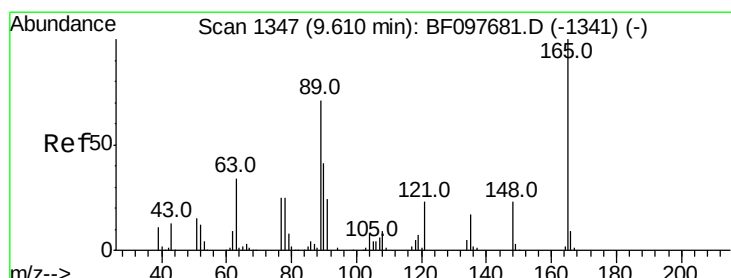
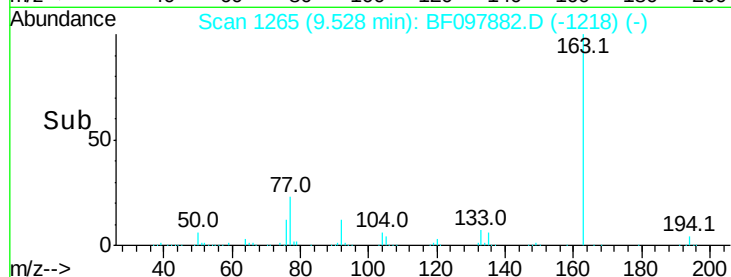
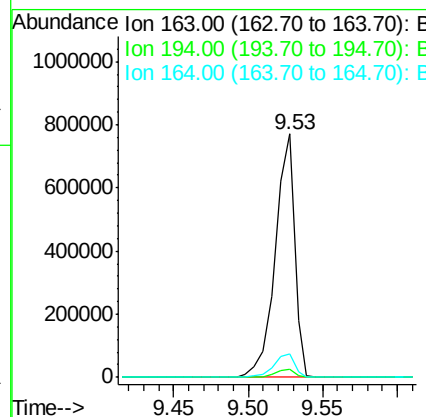
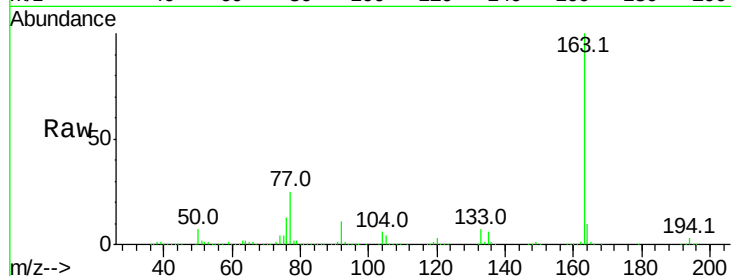
#49
 Dimethylphthalate
 Concen: 32.908 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion:	163	Resp:	691725
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	9.9	8.4	12.6

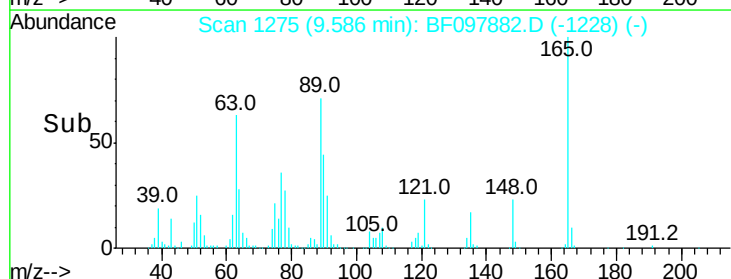
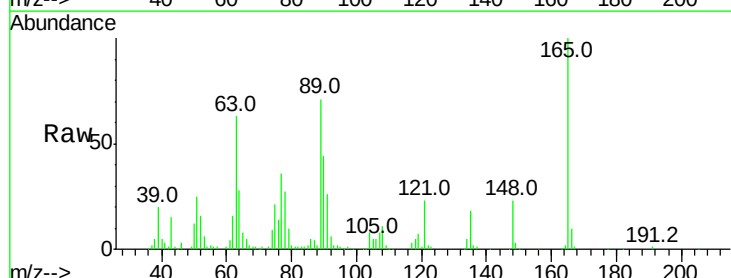
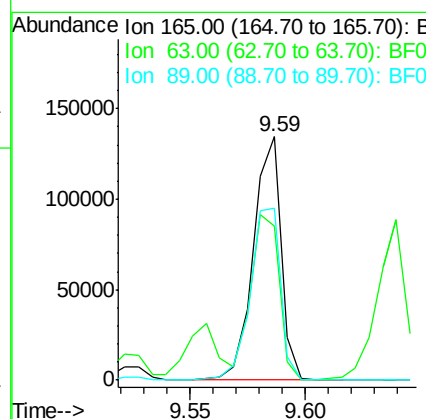
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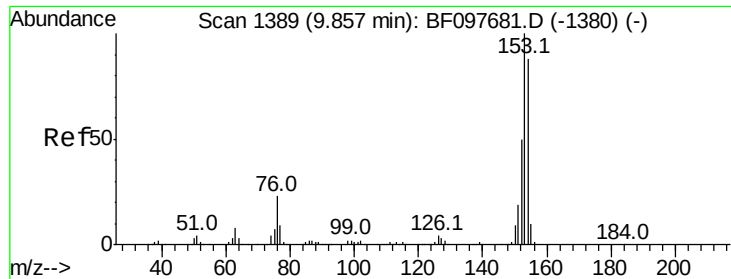
Sohil
 8/21/2017 5:20:02 PM



#50
 2,6-Dinitrotoluene
 Concen: 27.029 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion:	165	Resp:	113409
Ion Ratio	Lower	Upper	
165	100		
63	63.0	34.3	51.5#
89	70.5	37.1	55.7#





#51

Acenaphthene

Concen: 23.901 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

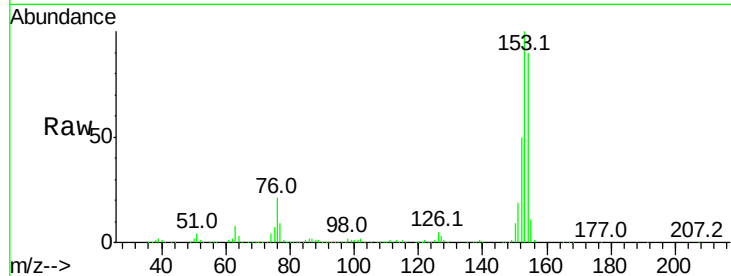
ClientSampleId :

PI-1(3)MSD

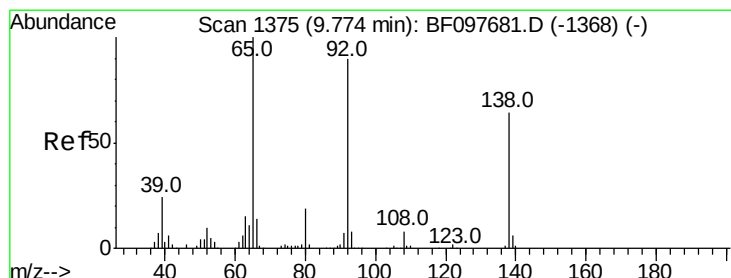
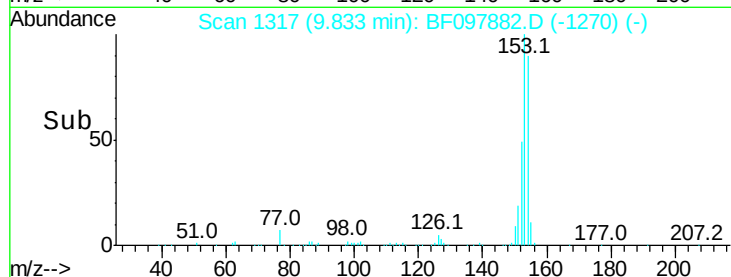
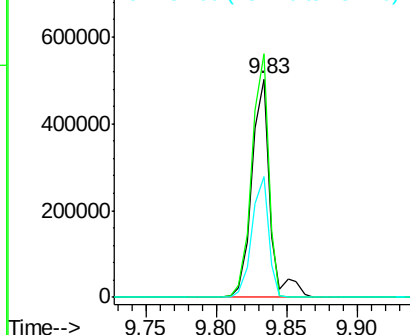
Tot Ion:	154	Resp:	458659
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.5	135.7
152	55.2	43.6	65.4

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.002 ng

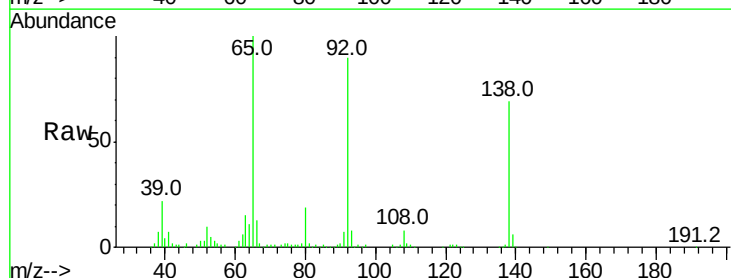
RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

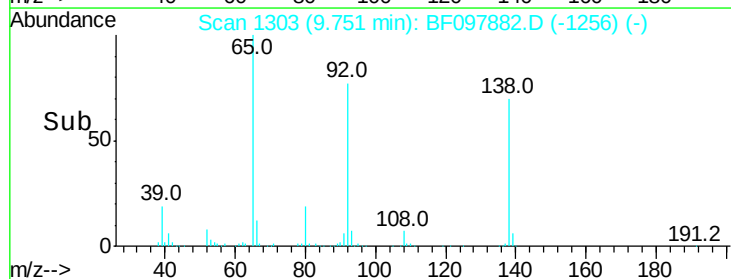
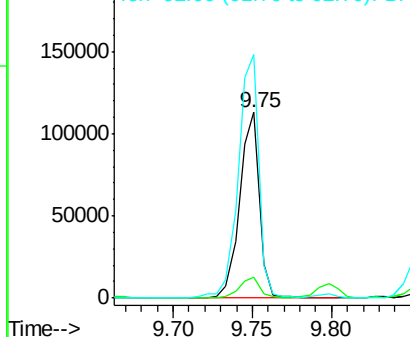
Lab File: BF097882.D

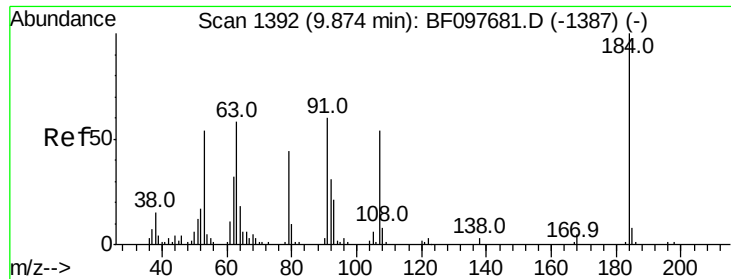
Acq: 19 Aug 2017 16:47

Tgt Ion:	138	Resp:	97450
Ion Ratio	Lower	Upper	
138	100		
108	11.1	9.1	13.7
92	131.1	93.8	140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





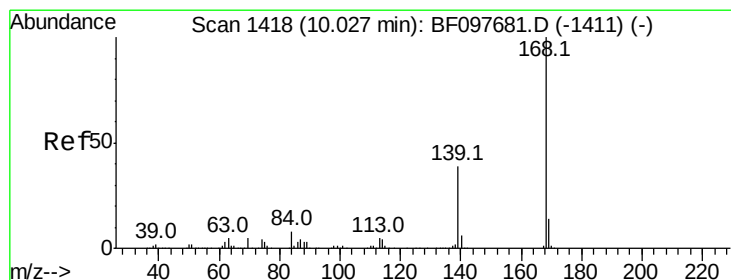
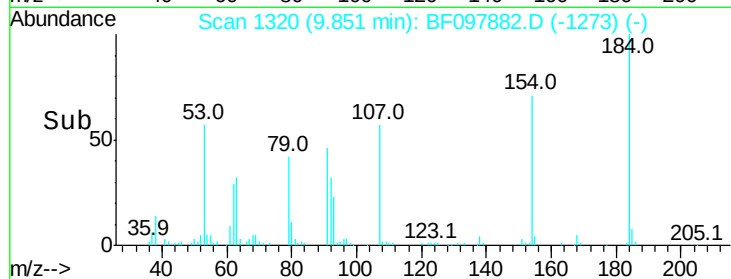
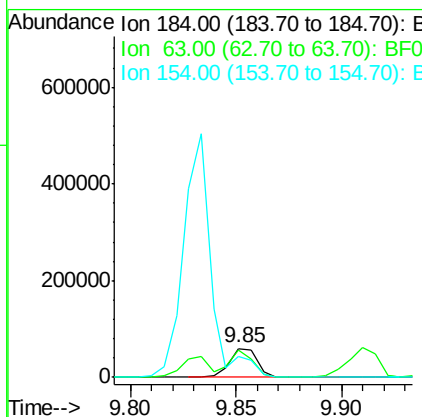
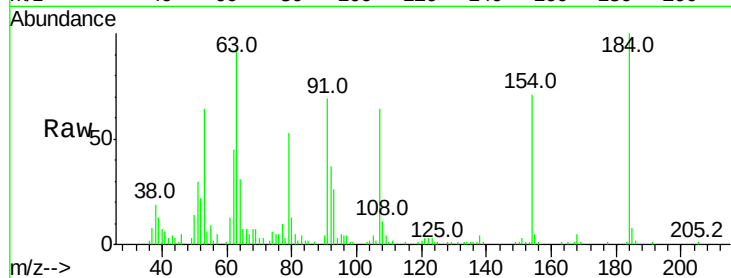
#53
2,4-Dinitrophenol
Concen: 33.488 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
184	100		
63	92.8	62.7	94.1
154	70.7	81.1	121.7#

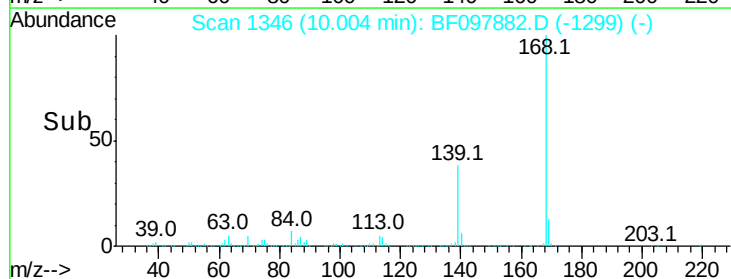
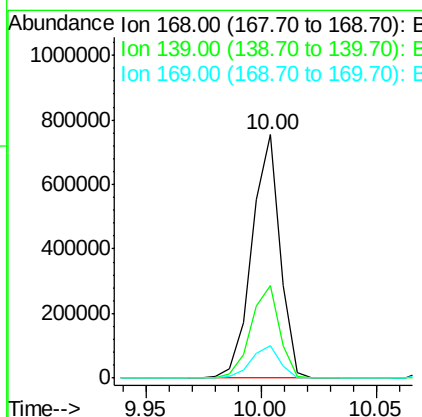
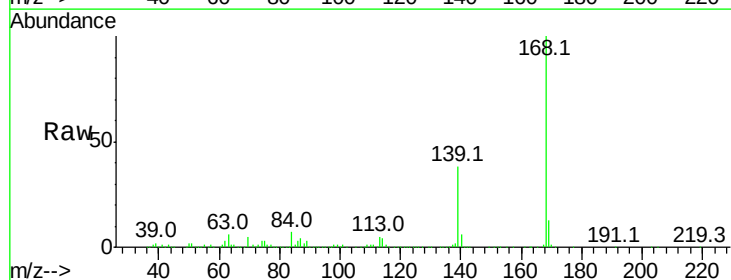
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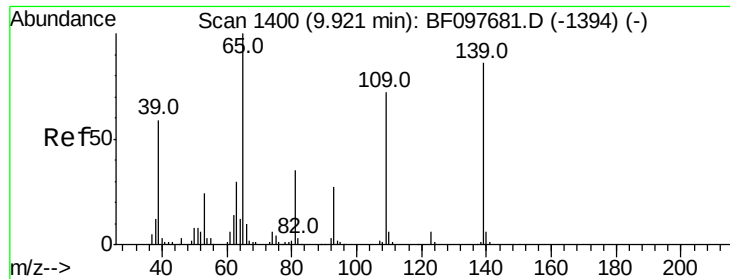
Sohil
8/21/2017 5:20:02 PM



#54
Dibenzofuran
Concen: 24.924 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.6	45.8
169	13.2	10.8	16.2





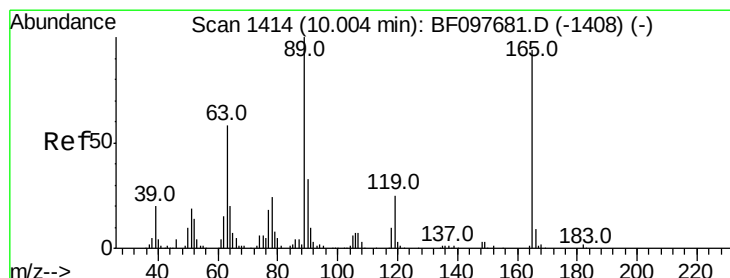
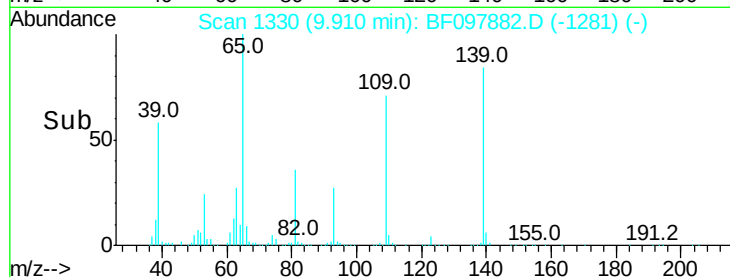
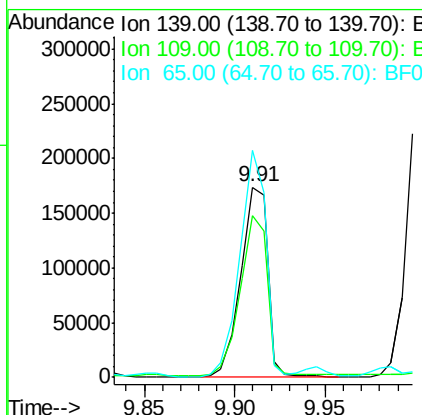
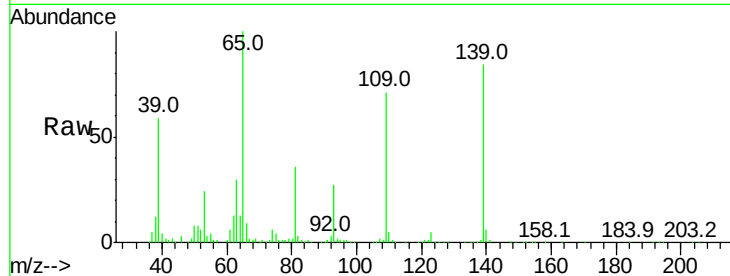
#55
4-Nitrophenol
Concen: 41.998 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.8	34.1	74.1#	
65	119.1	31.4	71.4#	

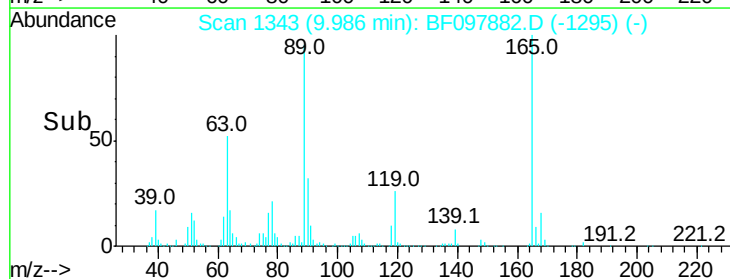
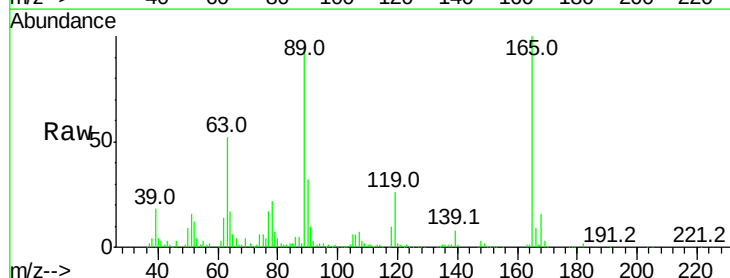
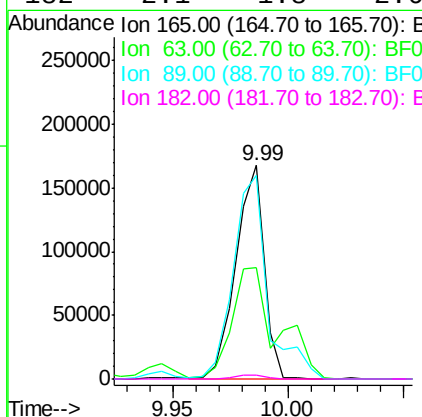
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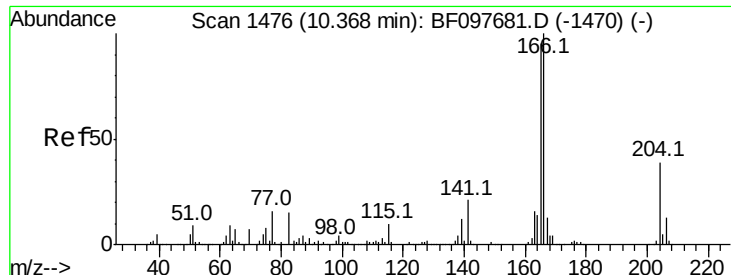
Sohil
8/21/2017 5:20:02 PM



#56
2,4-Dinitrotoluene
Concen: 27.216 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.3	25.4	38.0#	
89	95.1	46.4	69.6#	
182	2.1	1.8	2.6	





#57

Fluorene

Concen: 23.110 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MSD

Tot Ion:166 Resp: 459518

Ion Ratio Lower Upper

166 100

165 96.3 78.8 118.2

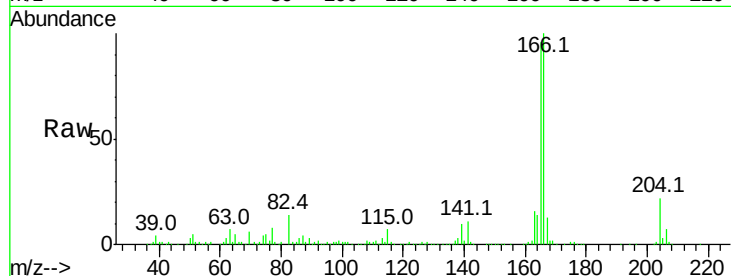
167 13.2 10.6 16.0

Manual Integrations

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Sohil

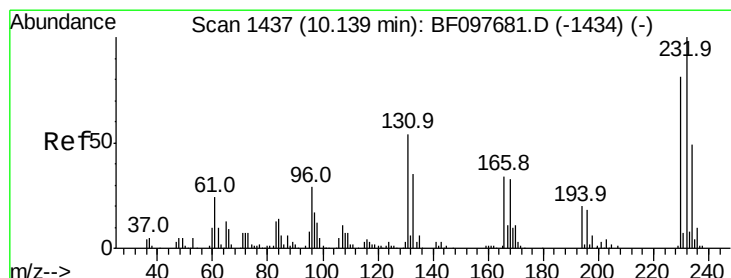
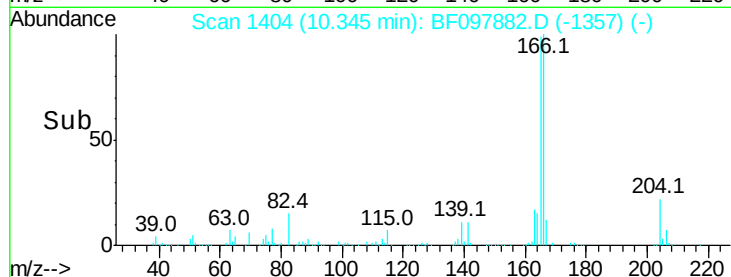
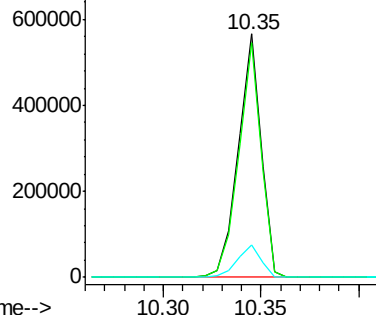
8/21/2017 5:20:02 PM



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: 26.443 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:232 Resp: 120340

Ion Ratio Lower Upper

232 100

131 53.2 44.8 67.2

130 3.1 2.3 3.5

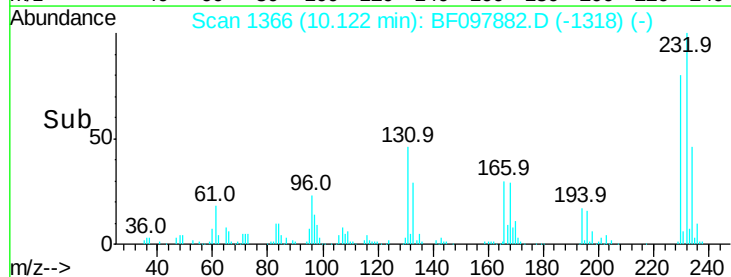
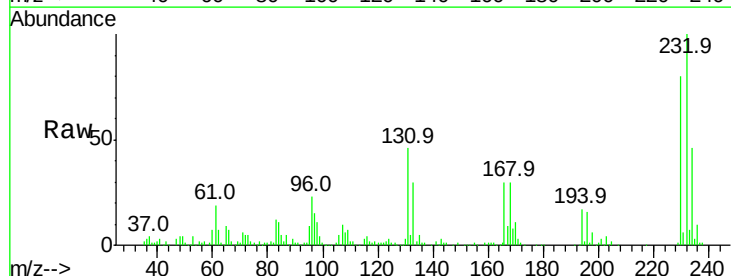
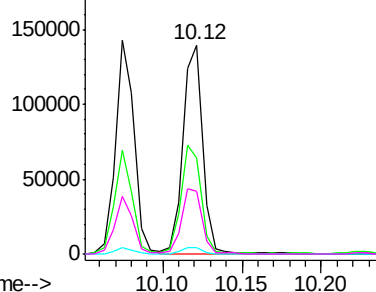
166 32.8 29.0 43.4

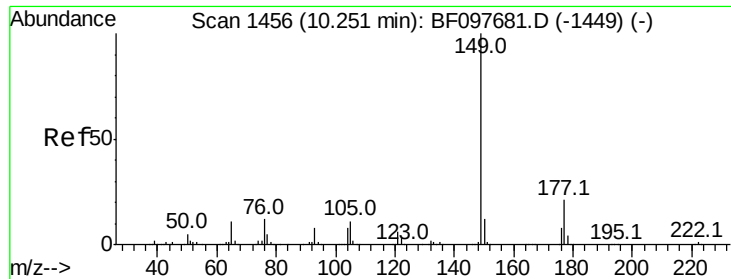
Abundance Ion 232.00 (231.70 to 232.70): E

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





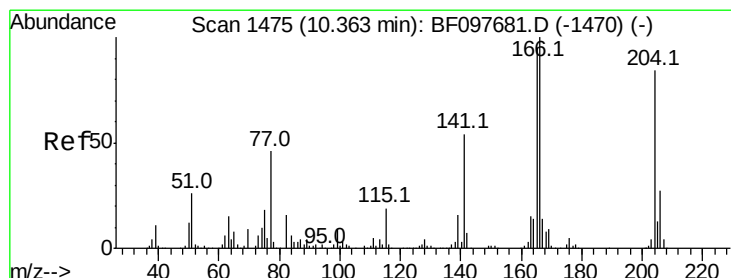
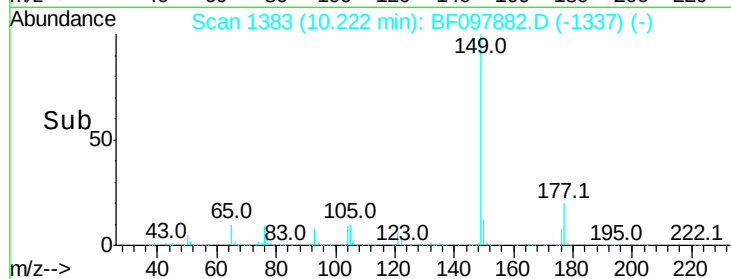
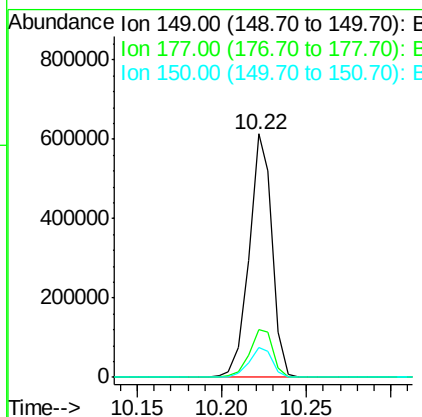
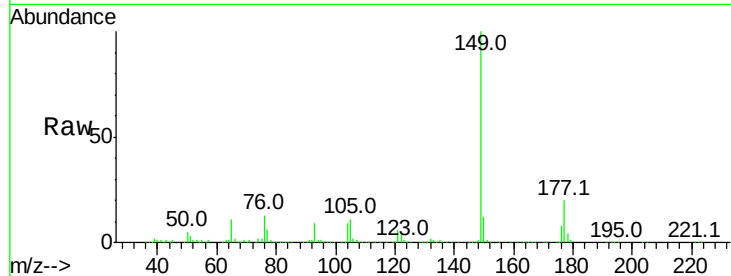
#59
Diethylphthalate
Concen: 26.319 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.7	25.1
150	12.3	10.2	15.2

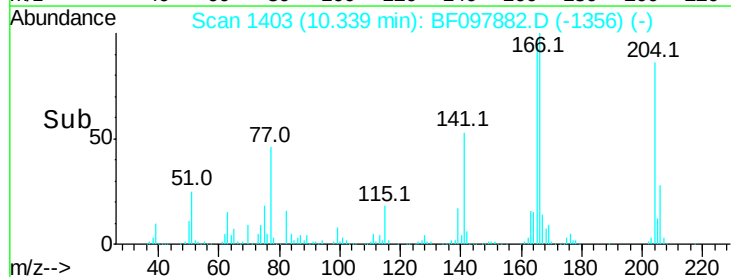
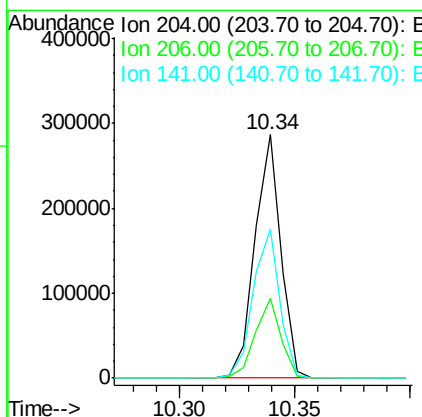
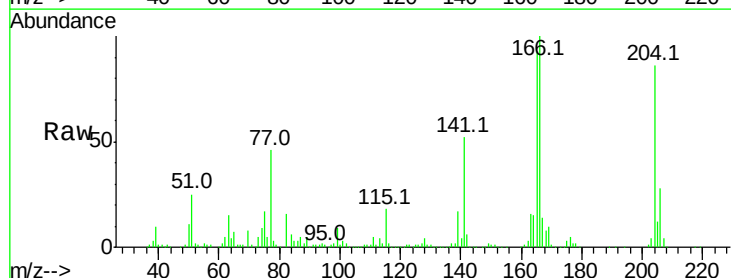
Manual Integrations
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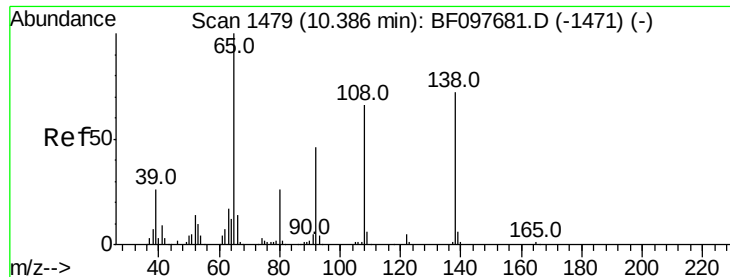
Sohil
8/21/2017 5:20:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 24.539 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	61.1	60.8	91.2





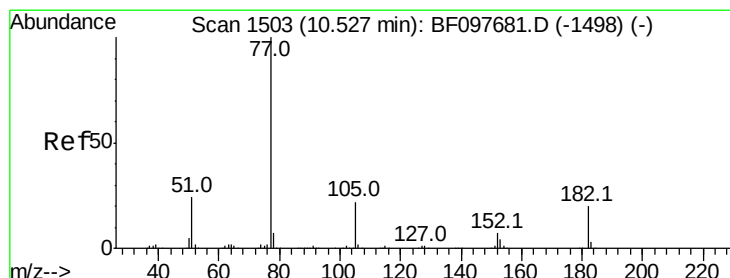
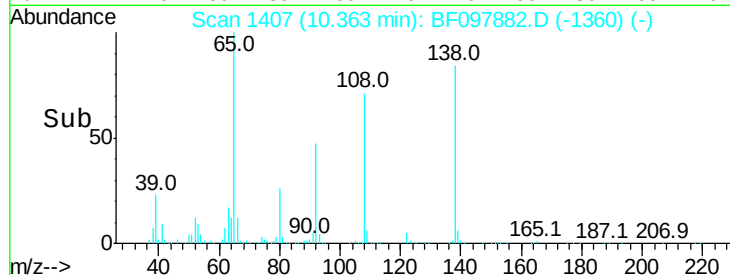
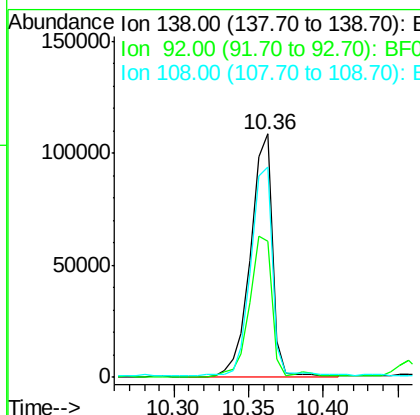
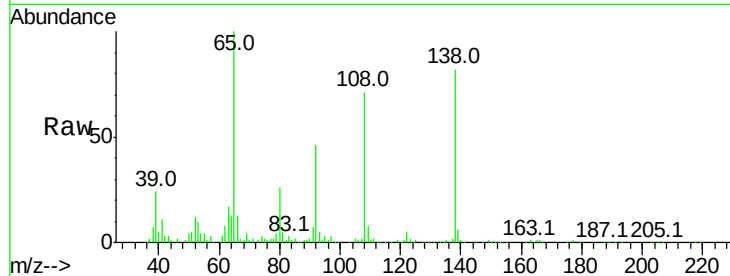
#61
4-Nitroaniline
Concen: 21.643 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	56.1	21.8	61.8	
108	86.2	42.3	82.3	

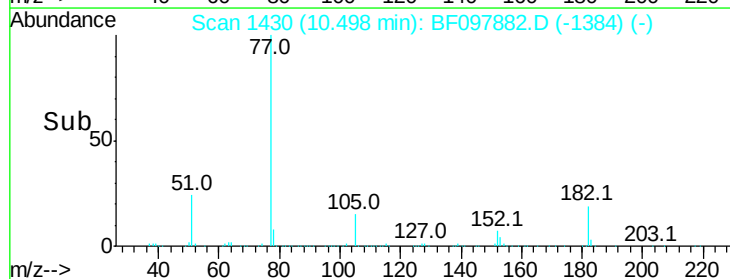
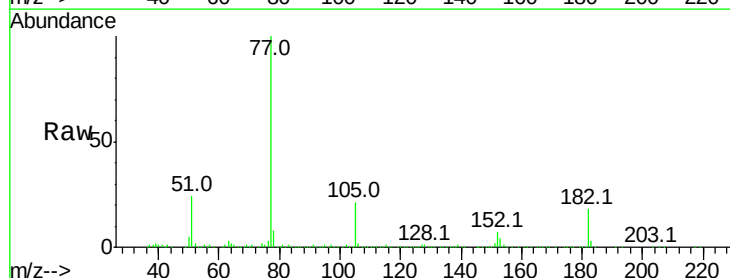
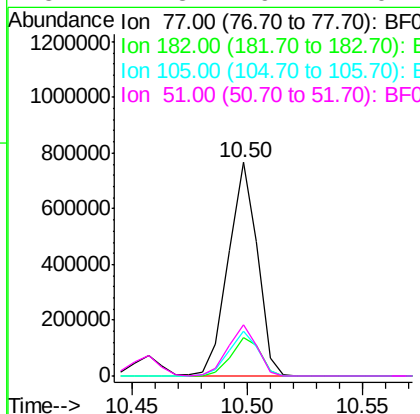
Manual Integrations
APPROVED

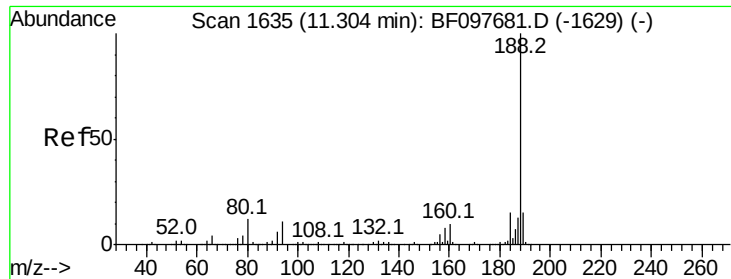
Sohil
8/21/2017 5:20:02 PM



#62
Azobenzene
Concen: 25.435 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.2	0.1	40.1	
105	20.9	3.6	43.6	
51	24.3	9.4	49.4	





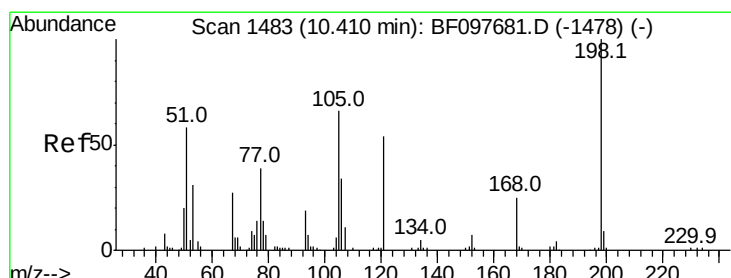
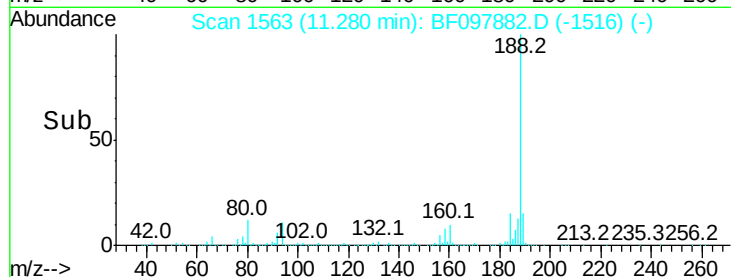
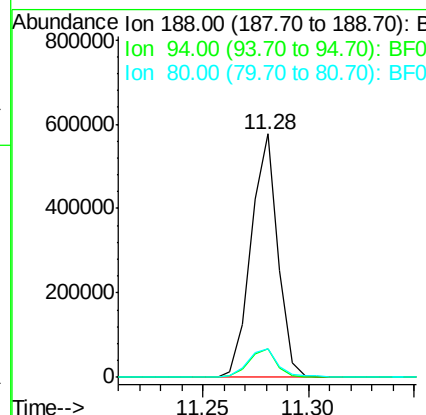
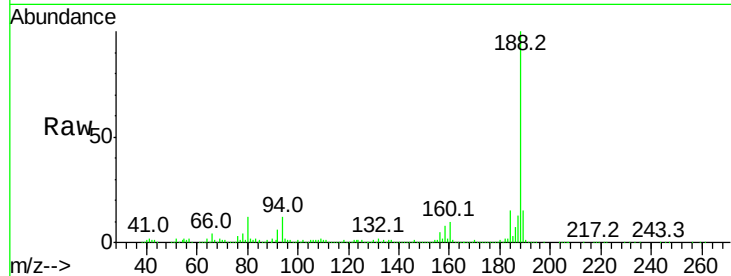
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	11.6	9.4	14.2	
80	12.0	10.2	15.2	

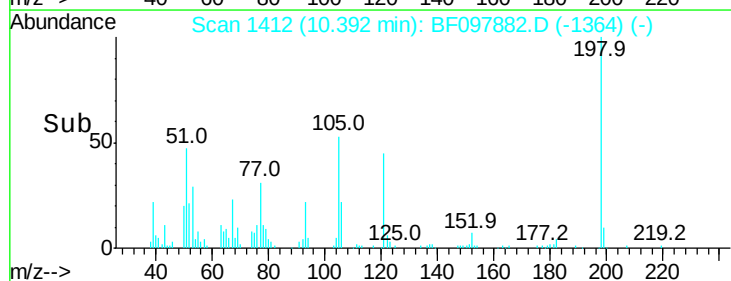
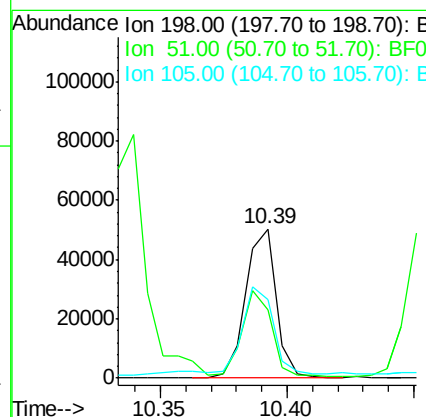
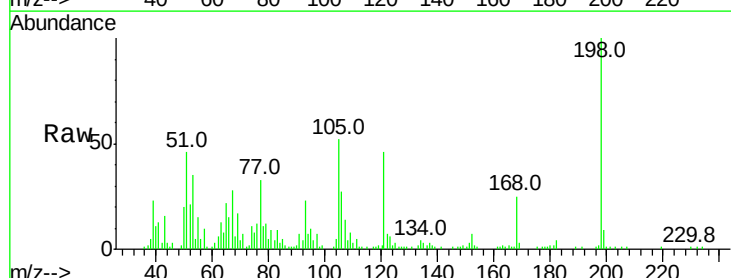
Manual Integrations
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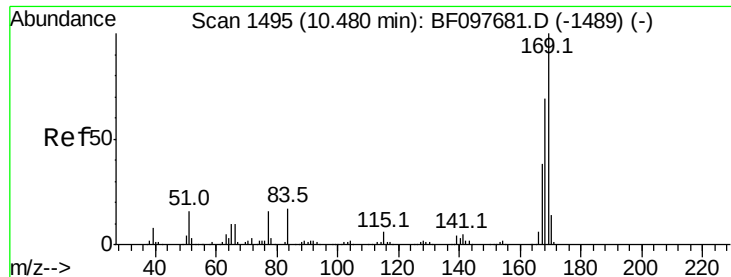
Sohil
8/21/2017 5:20:02 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 23.001 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	45.6	53.2	93.2#	
105	52.5	45.8	85.8	





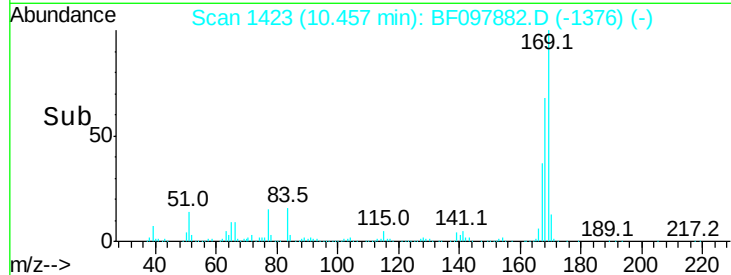
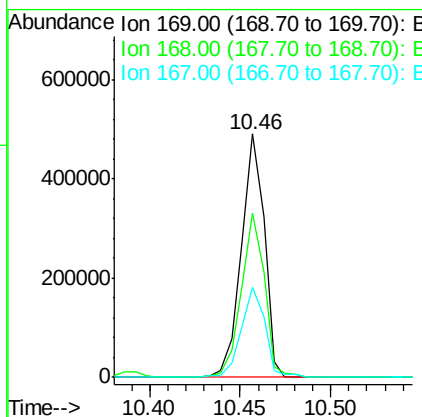
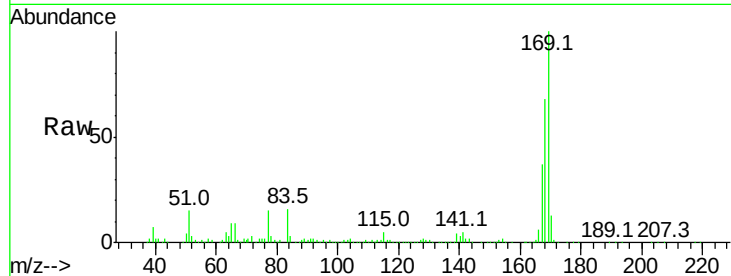
#65
 n-Nitrosodiphenylamine
 Concen: 25.106 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion:	169	Resp:	432331
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	36.9	29.5	44.3

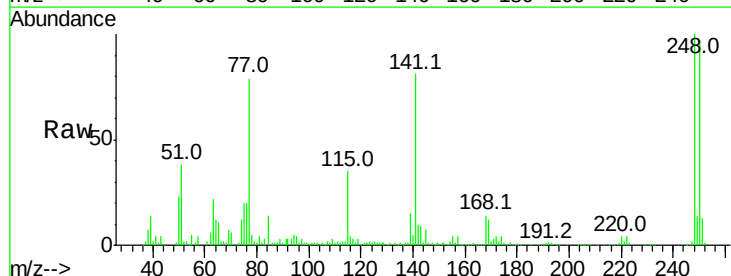
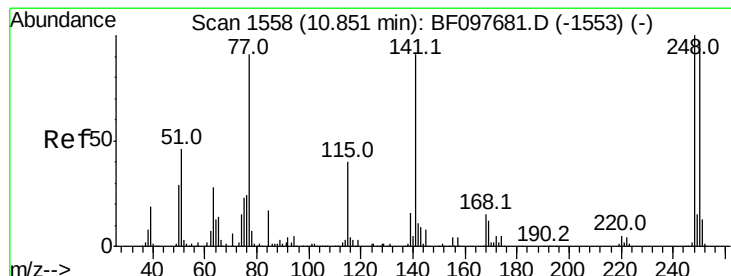
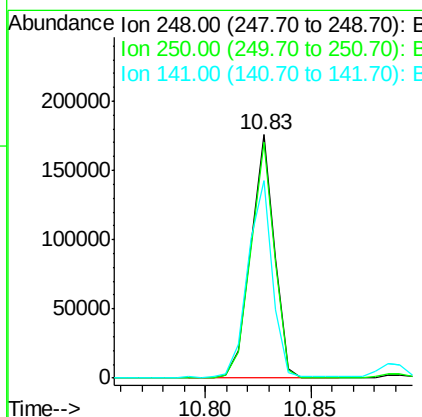
Manual Integrations
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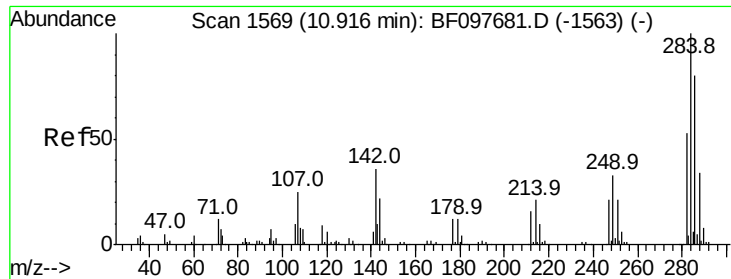
Sohil
 8/21/2017 5:20:02 PM



#66
 4-Bromophenyl-phenylether
 Concen: 26.230 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion:	248	Resp:	137738
Ion Ratio	Lower	Upper	
248	100		
250	96.8	76.8	115.2
141	81.3	68.6	103.0





#67

Hexachlorobenzene

Concen: 23.305 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

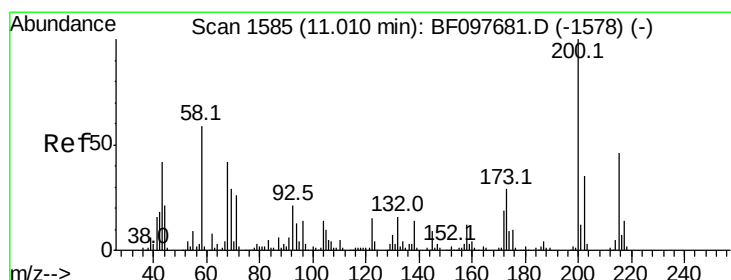
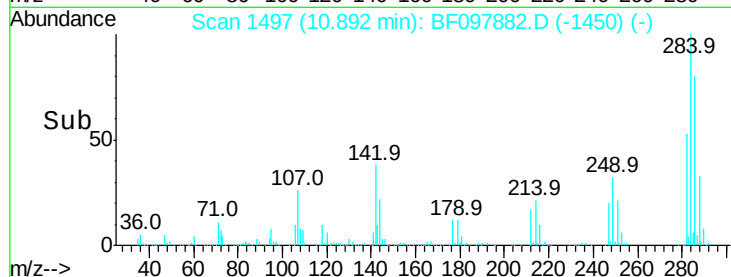
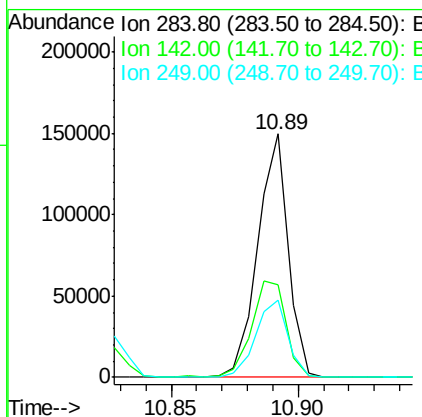
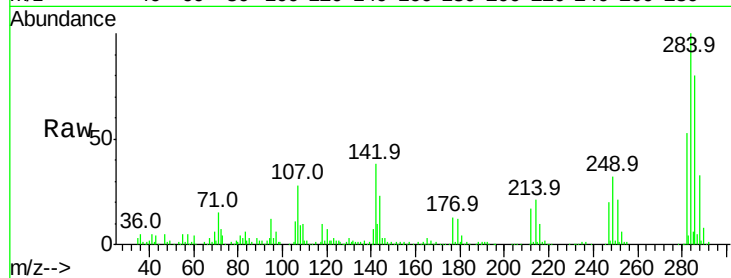
ClientSampled :

PI-1(3)MSD

Tot Ion:	284	Resp:	124740
Ion Ratio	Lower	Upper	
284	100		
142	37.8	22.8	34.2#
249	31.7	24.0	36.0

Manual Integrations
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#68

Atrazine

Concen: 29.216 ng

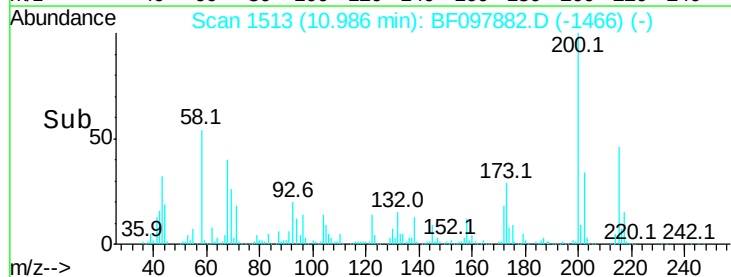
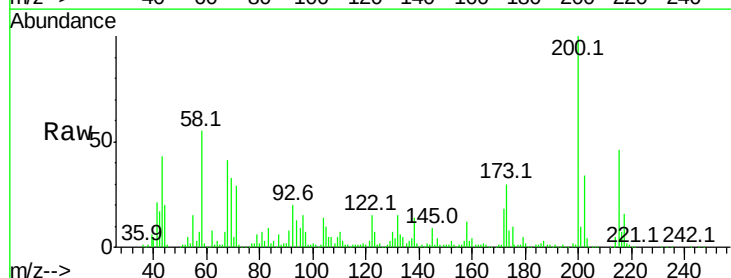
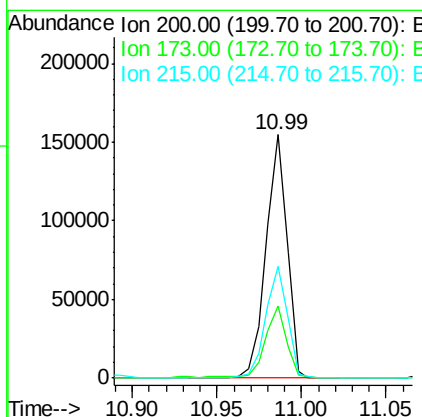
RT: 10.99 min Scan# 1513

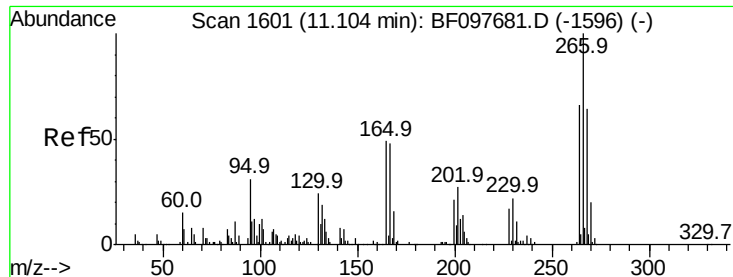
Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	200	Resp:	133422
Ion Ratio	Lower	Upper	
200	100		
173	29.8	6.3	46.3
215	45.9	27.2	67.2





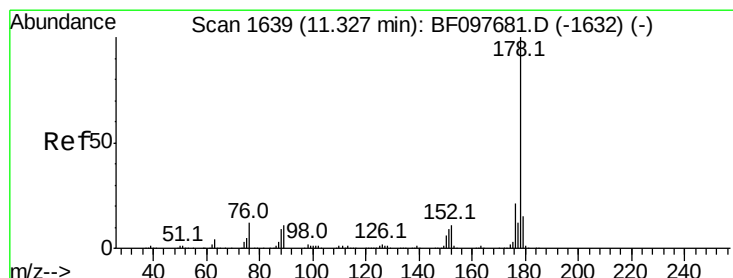
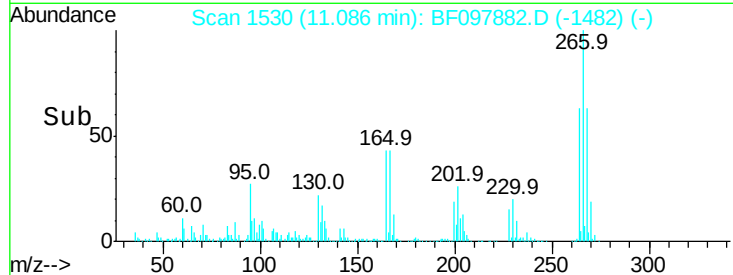
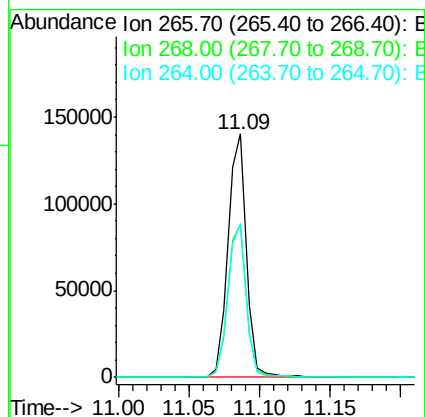
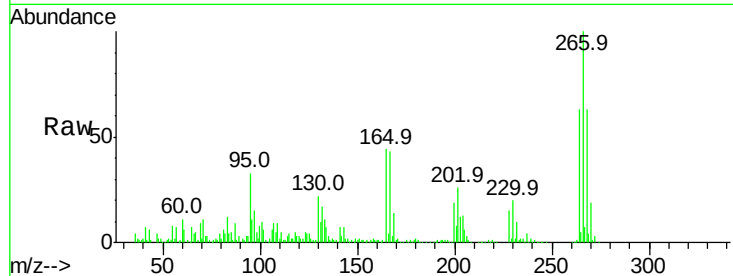
#69
 Pentachlorophenol
 Concen: 40.783 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	127275		
268	62.8	51.1	76.7	
264	63.2	51.7	77.5	

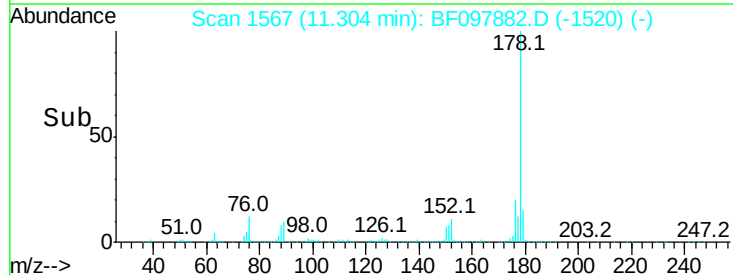
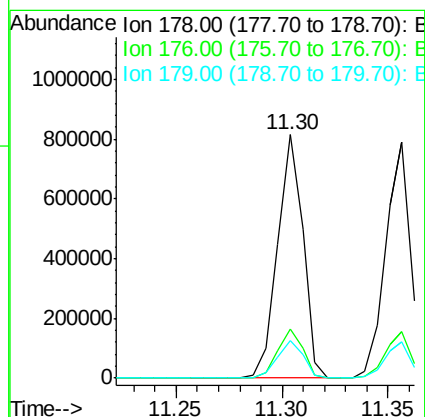
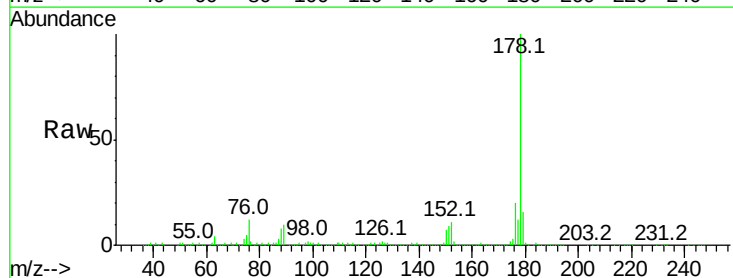
Manual Integrations
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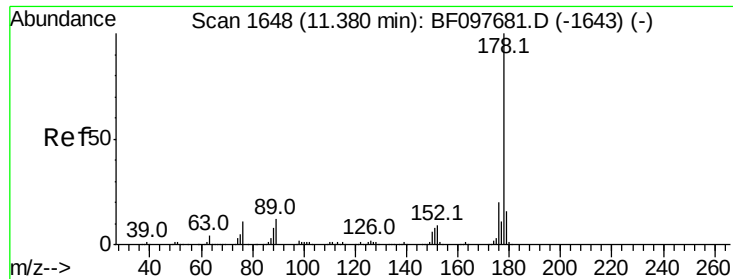
Sohil
 8/21/2017 5:20:02 PM



#70
 Phenanthrene
 Concen: 25.234 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	679977		
176	20.2	16.2	24.4	
179	15.7	12.6	19.0	





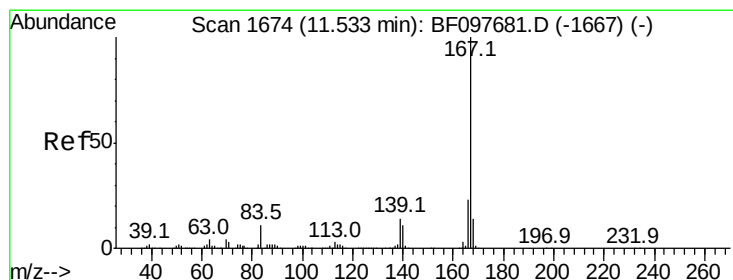
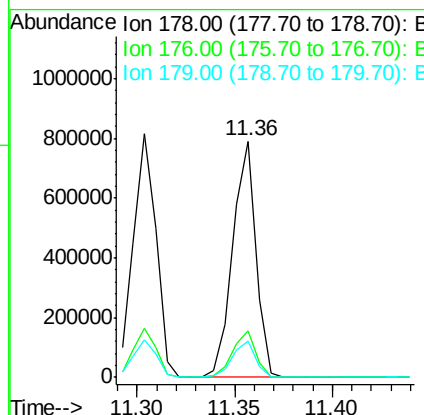
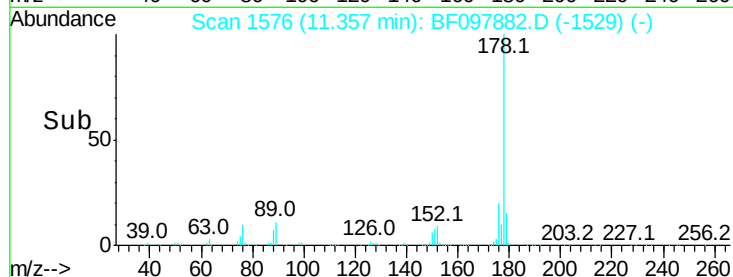
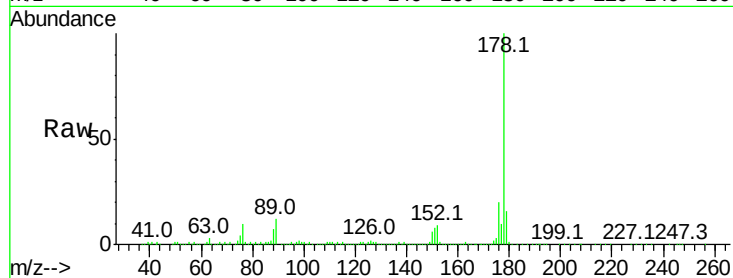
#71
 Anthracene
 Concen: 23.785 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion:	178	Resp:	650071
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.8	23.8
179	15.5	12.7	19.1

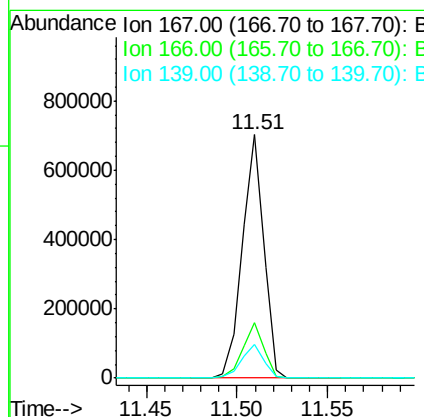
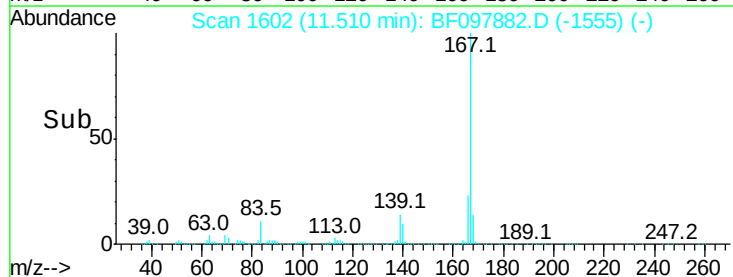
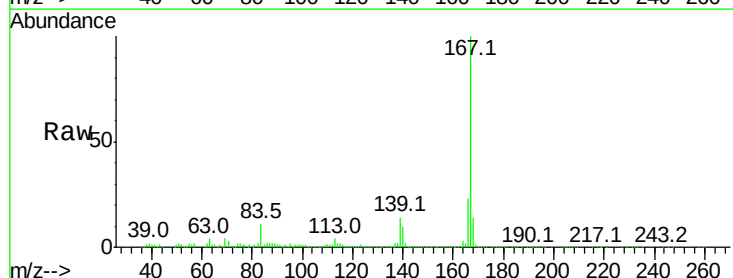
Manual Integrations
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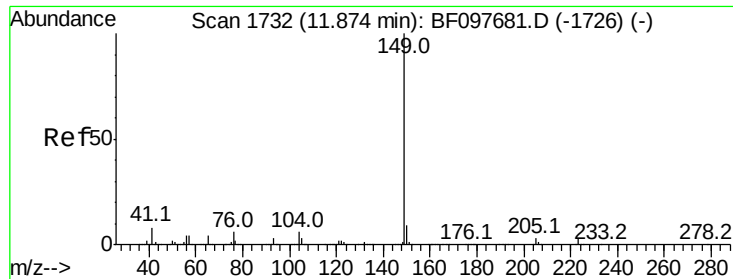
Sohil
 8/21/2017 5:20:02 PM



#72
 Carbazole
 Concen: 22.200 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion:	167	Resp:	575947
Ion Ratio	Lower	Upper	
167	100		
166	22.8	18.1	27.1
139	13.7	11.7	17.5





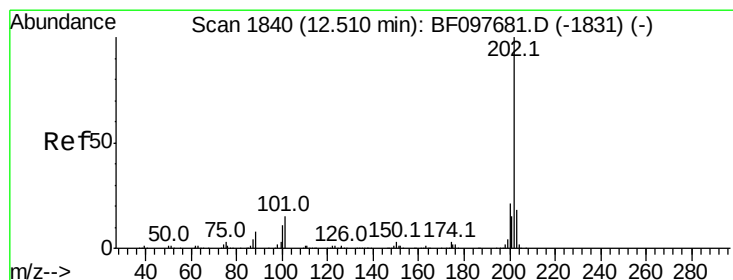
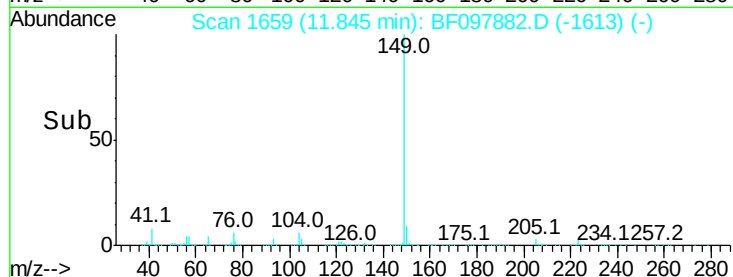
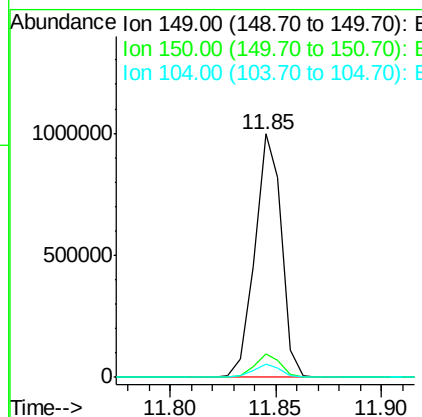
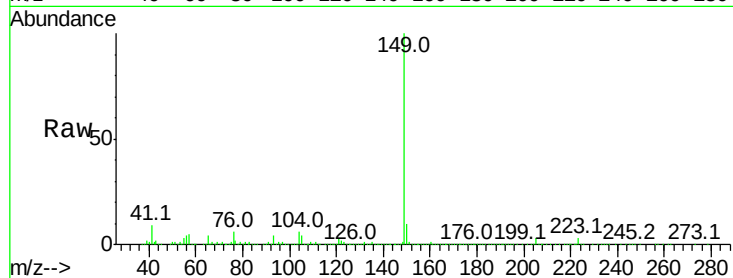
#73
Di-n-butylphthalate
Concen: 28.993 ng
RT: 11.85 min Scan# 1659
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.7	4.0	6.0

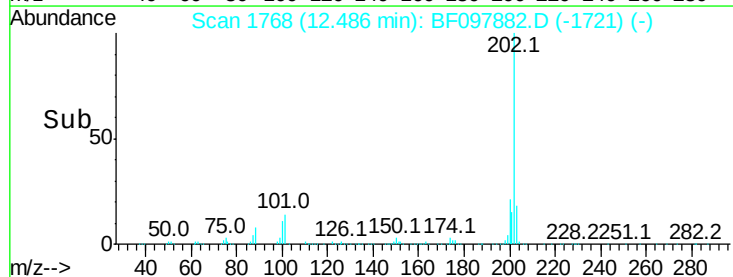
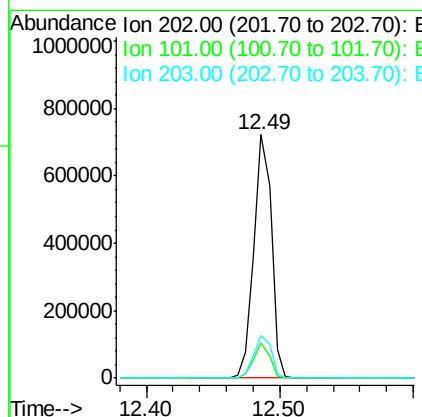
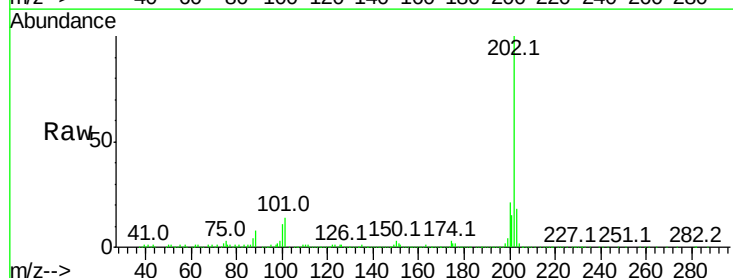
Manual Integrations
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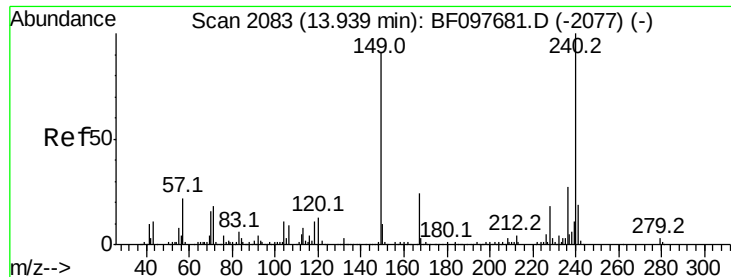
Sohil
8/21/2017 5:20:02 PM



#74
Fluoranthene
Concen: 22.937 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

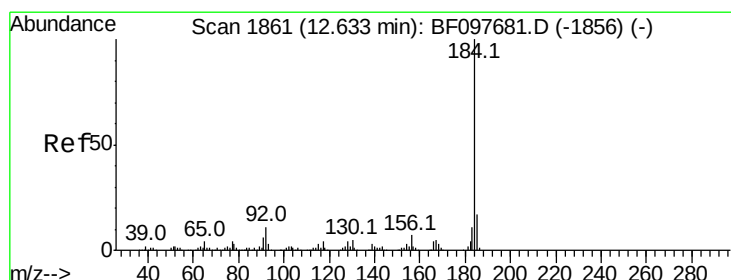
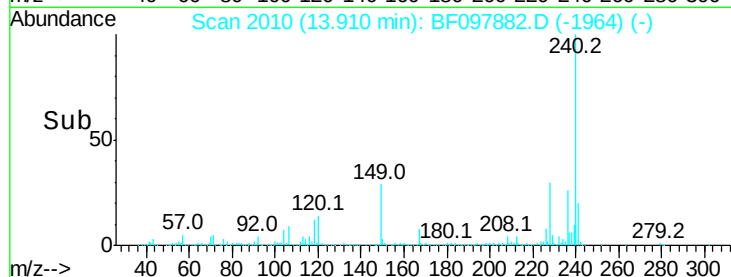
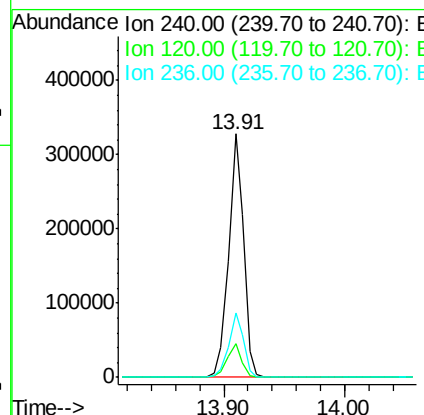
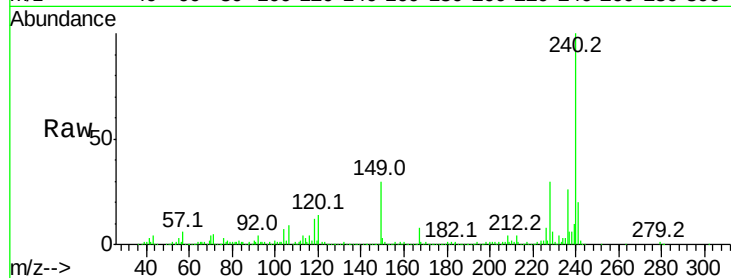
ClientSampleId :

PI-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.9	5.8	8.8#	
236	26.3	20.5	30.7	

Manual Integrations
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#76

Benzidine

Concen: 16.784 ng

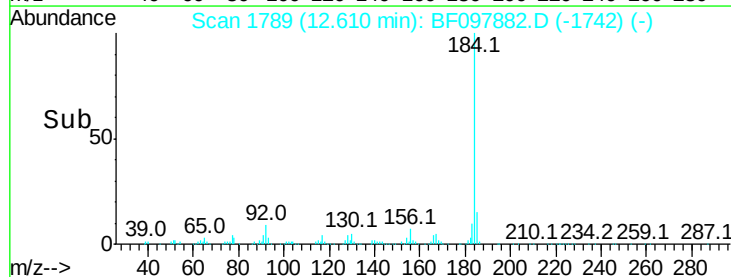
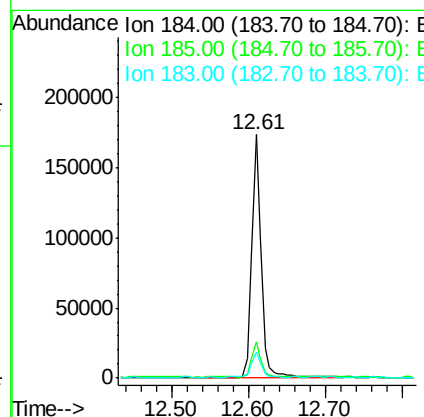
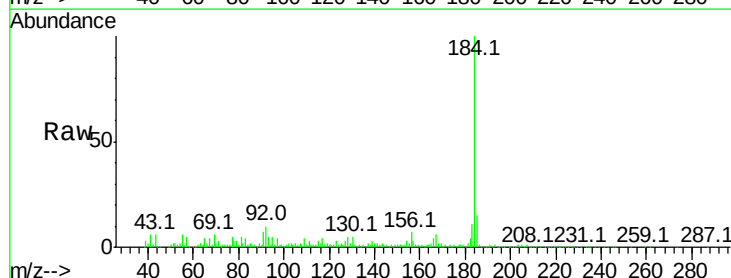
RT: 12.61 min Scan# 1789

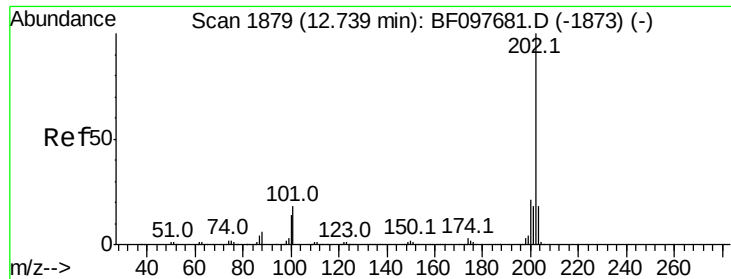
Delta R.T. -0.02 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.1	15.5	23.3#	
183	10.7	9.8	14.6	





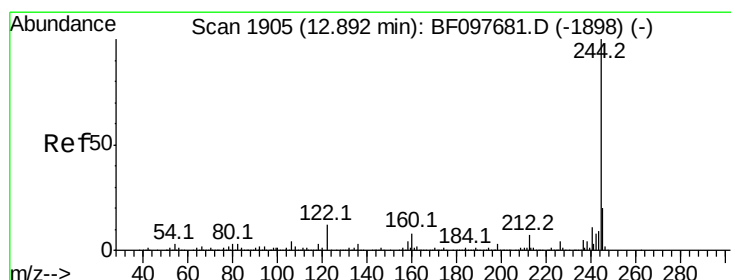
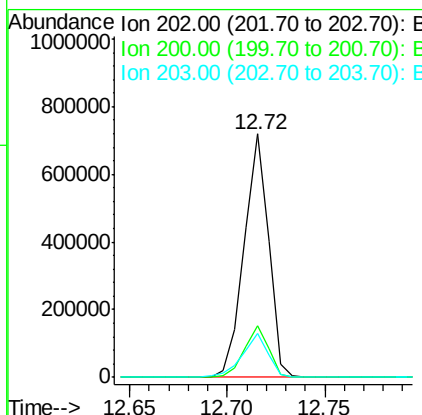
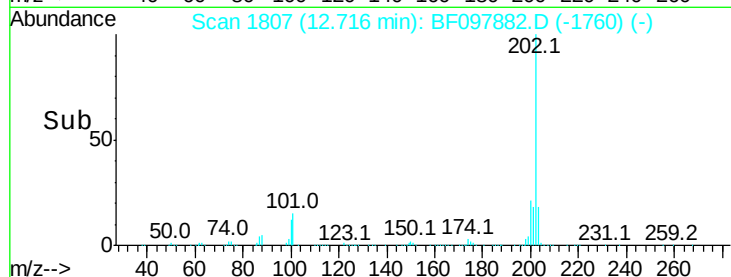
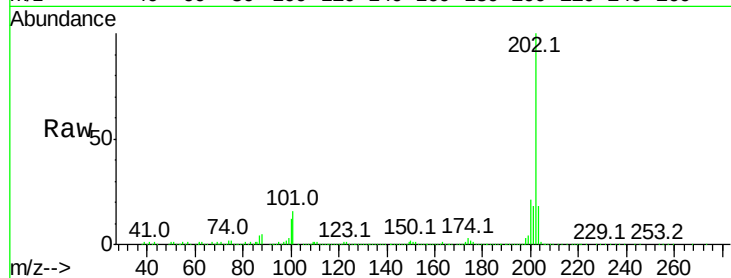
#77
Pvrene
Concen: 27.350 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.9	14.4	21.6

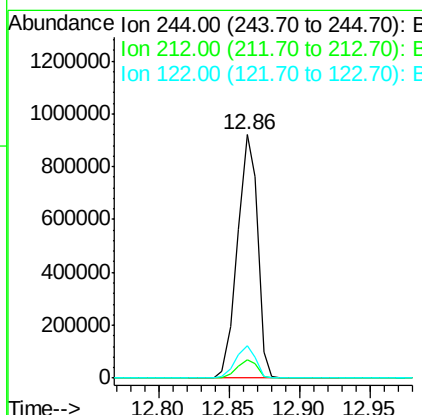
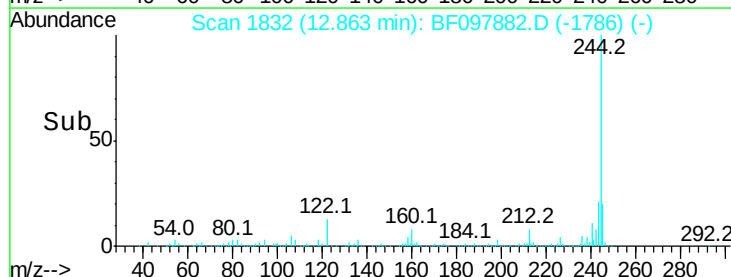
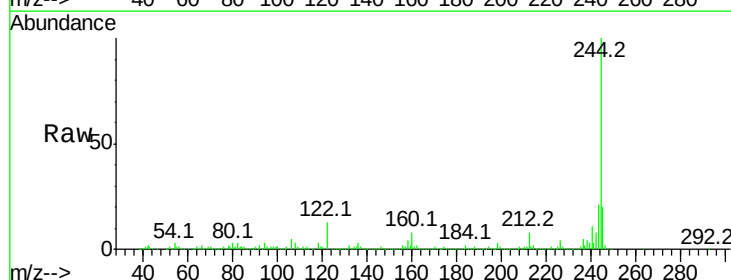
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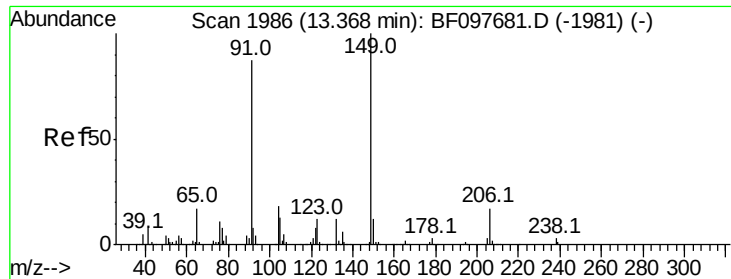
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#78
Terphenyl-d14
Concen: 67.790 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.2	10.3	15.5





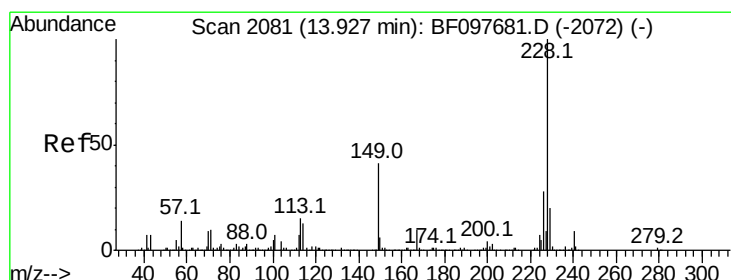
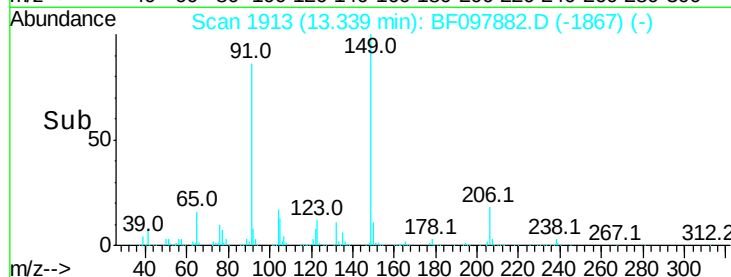
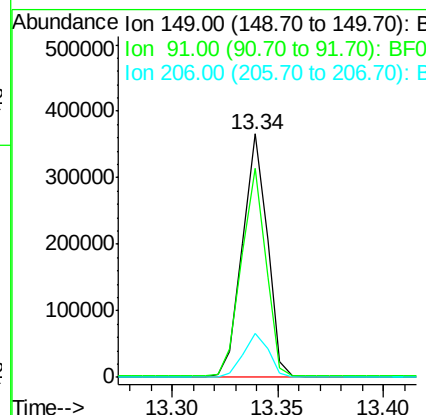
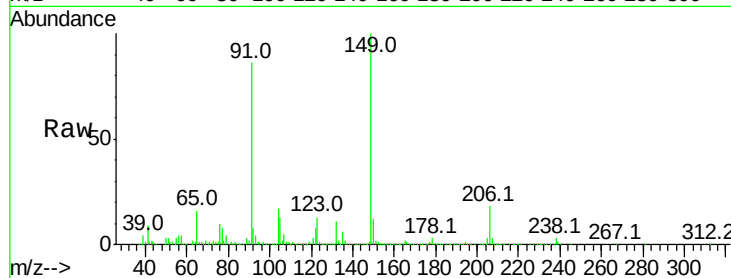
#79
Butylbenzylphthalate
Concen: 33.652 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Instrument :
BNA_F
ClientSampleID :
PI-1(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295569		
91	86.1	45.0	67.4#	
206	18.0	17.0	25.6	

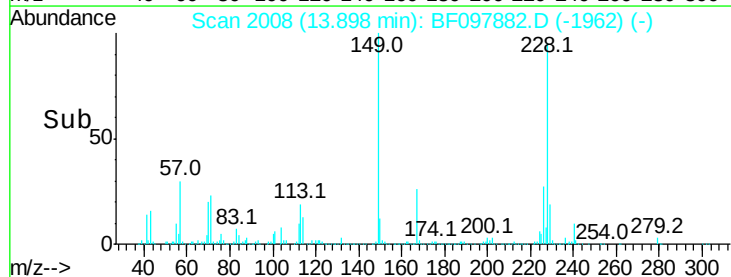
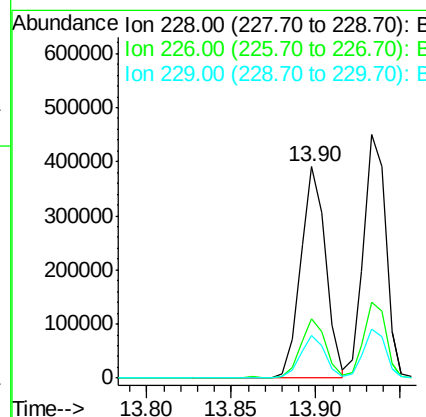
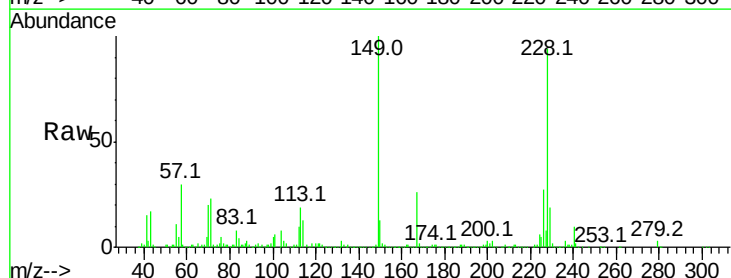
Manual Integrations
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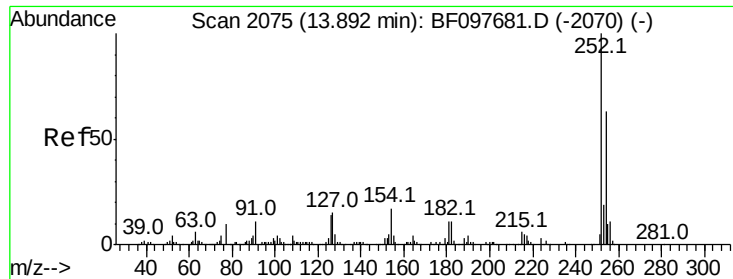
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#80
Benzo(a)anthracene
Concen: 23.993 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	402769		
226	28.1	22.6	33.8	
229	20.3	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 20.131 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.03 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

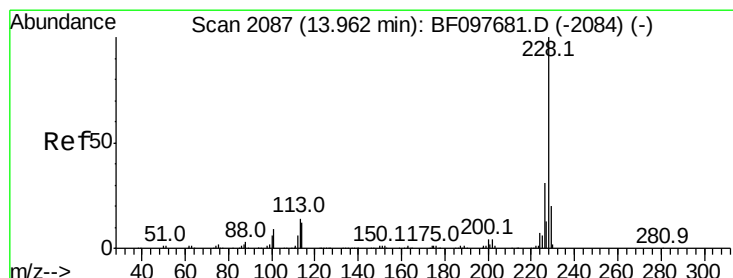
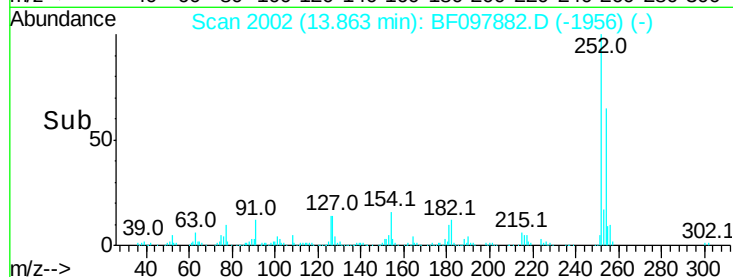
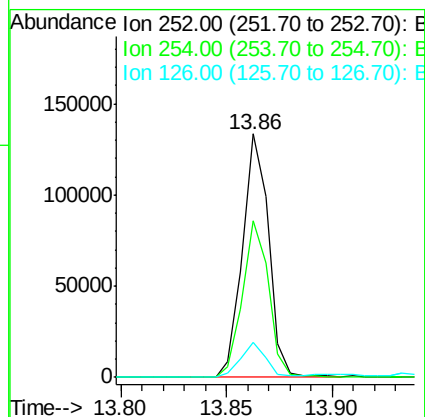
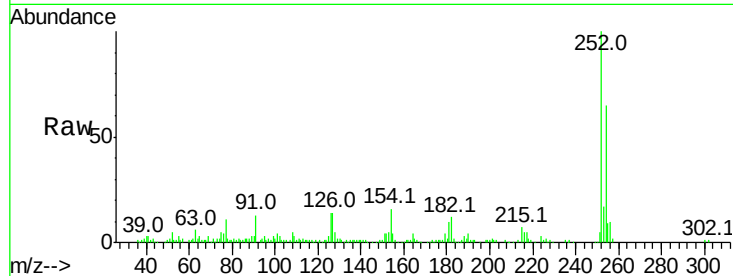
ClientSampleId :

PI-1(3)MSD

Tot Ion:	252	Resp:	114035
Ion Ratio		Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.3	15.8	23.8#

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#82

Chrysene

Concen: 24.717 ng

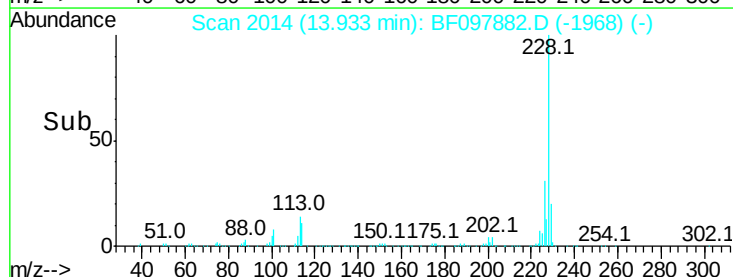
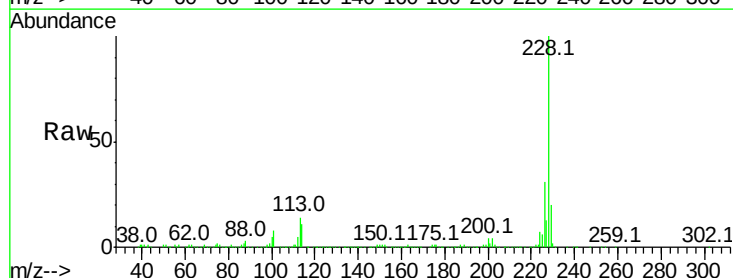
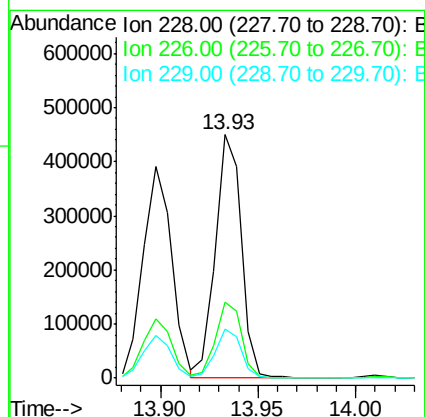
RT: 13.93 min Scan# 2014

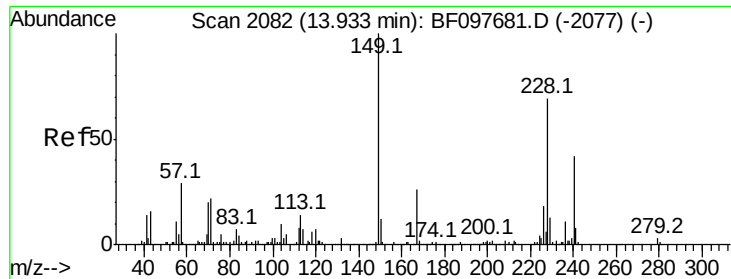
Delta R.T. -0.03 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	228	Resp:	412755
Ion Ratio		Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.3	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.384 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.04 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

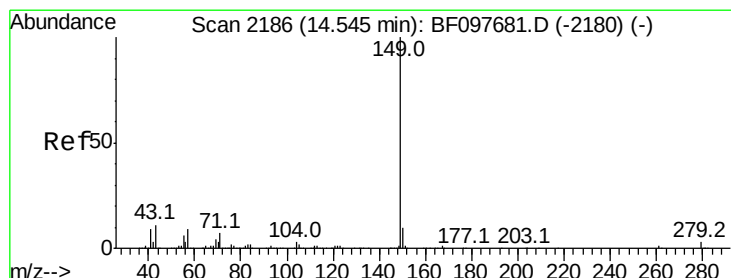
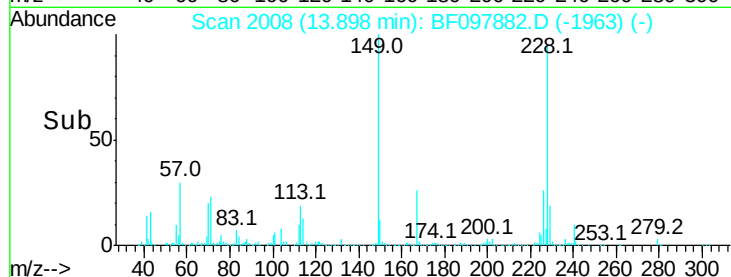
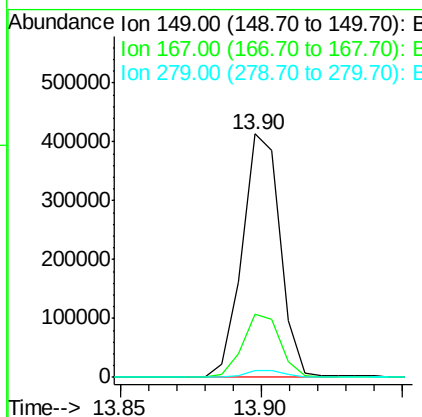
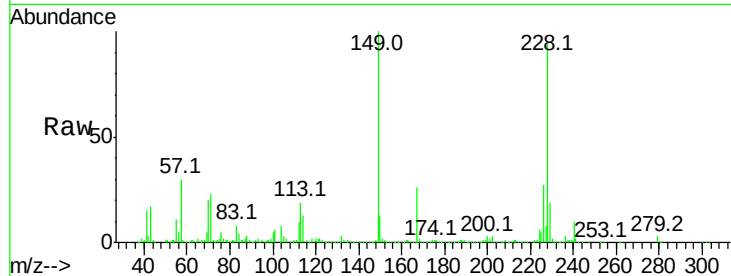
ClientSampled :

PI-1(3)MSD

Tot Ion:	149	Resp:	383310
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.0	31.4
279	2.7	1.9	2.9

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.531 ng

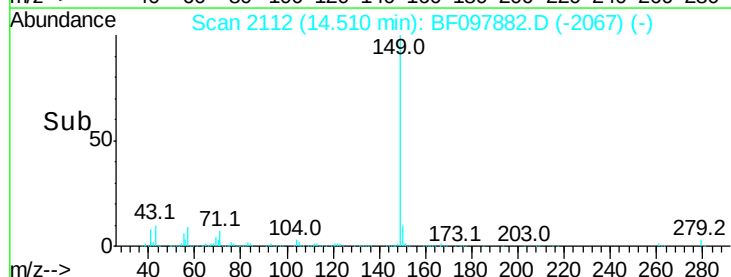
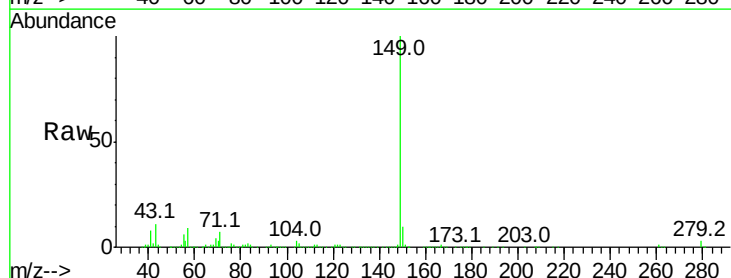
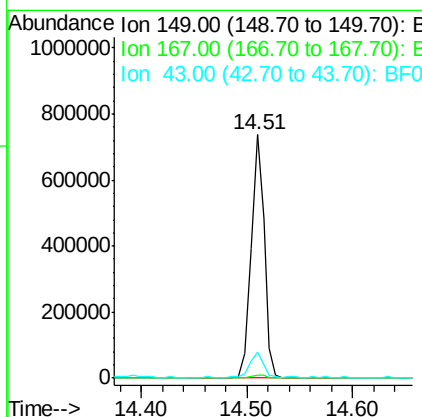
RT: 14.51 min Scan# 2112

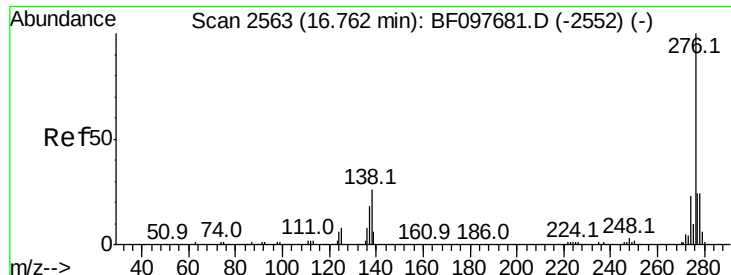
Delta R.T. -0.04 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	149	Resp:	635565
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	10.1	8.5	12.7





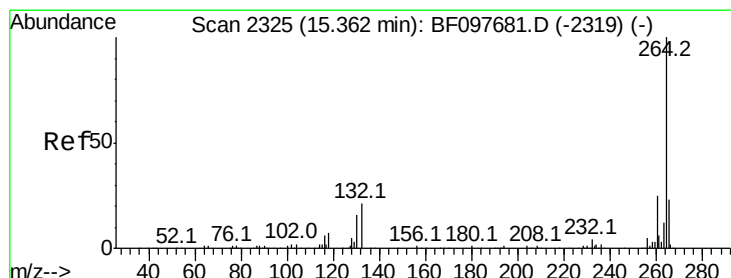
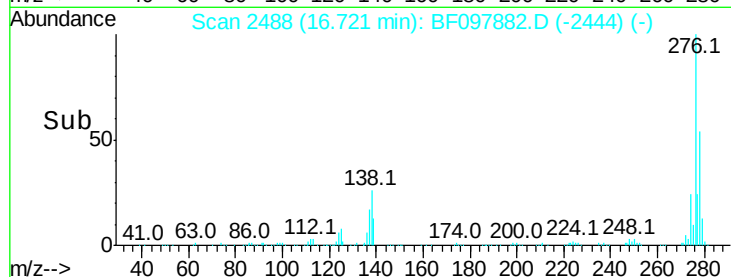
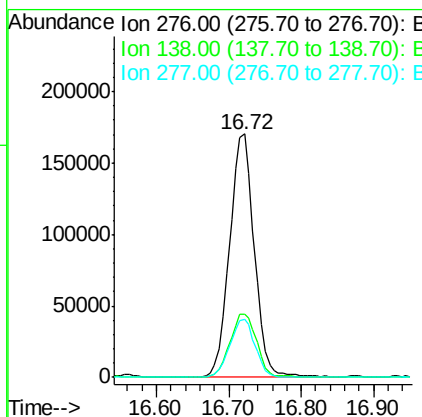
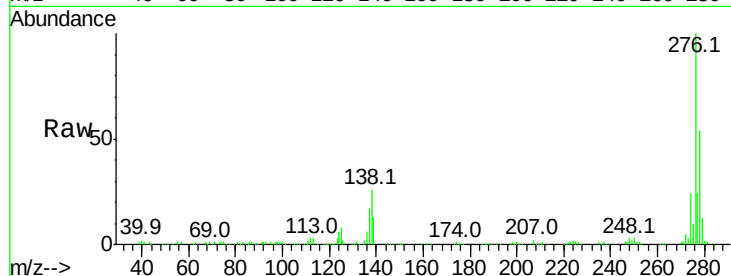
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.849 ng
 RT: 16.72 min Scan# 2488
 Delta R.T. -0.04 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
276	100	403529		
138	28.4		27.8	41.6
277	24.7		20.2	30.4

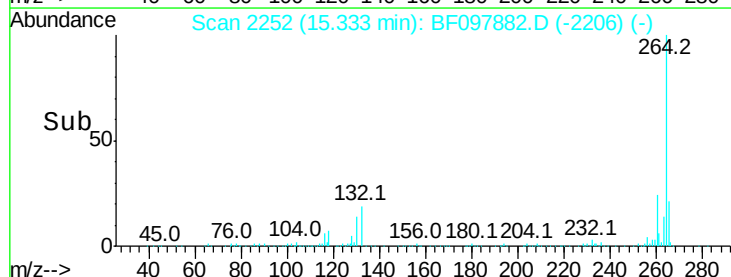
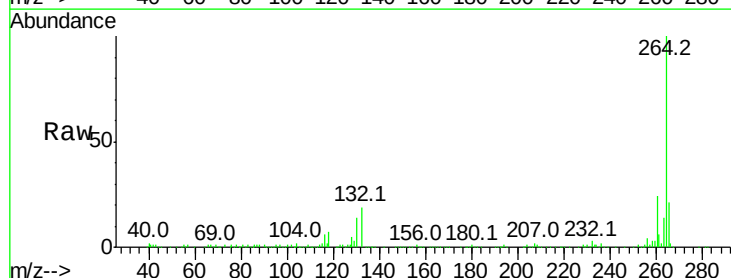
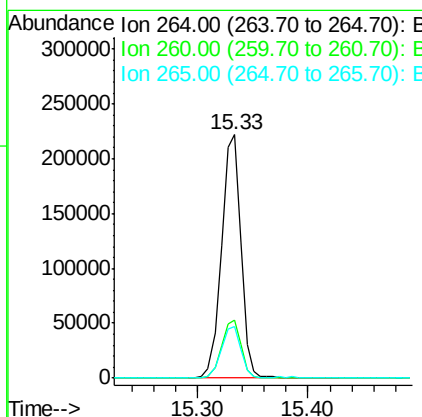
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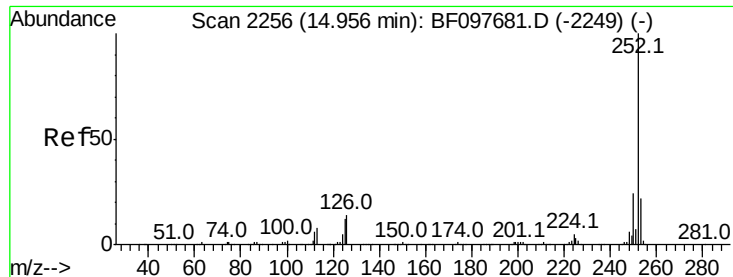
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097882.D
 Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	273141		
260	23.9		19.5	29.3
265	21.4		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 25.123 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.04 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

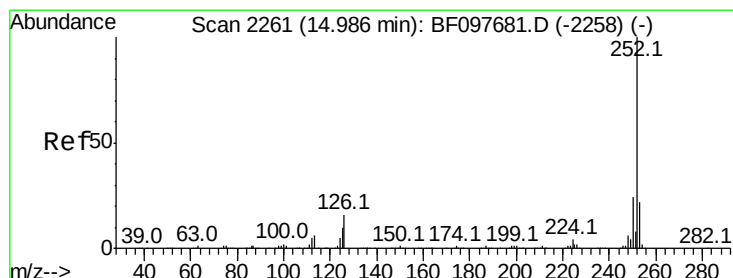
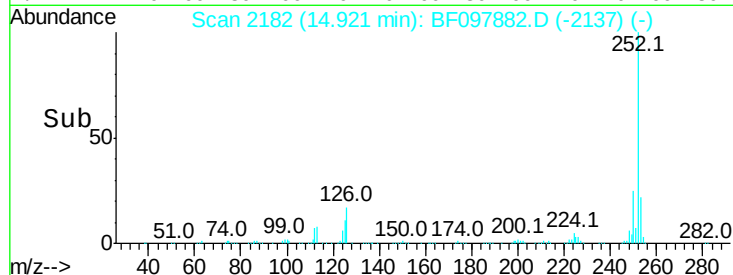
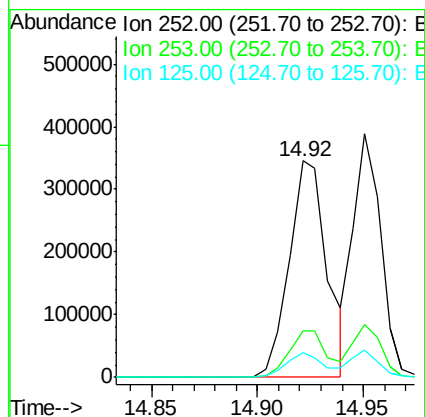
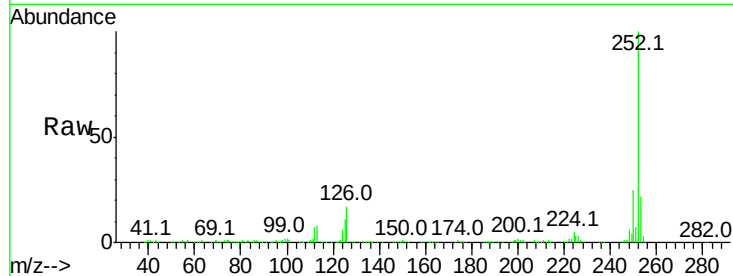
ClientSampleId :

PI-1(3)MSD

Tot Ion:	252	Resp:	432543
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	11.5	9.8	14.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 22.253 ng m

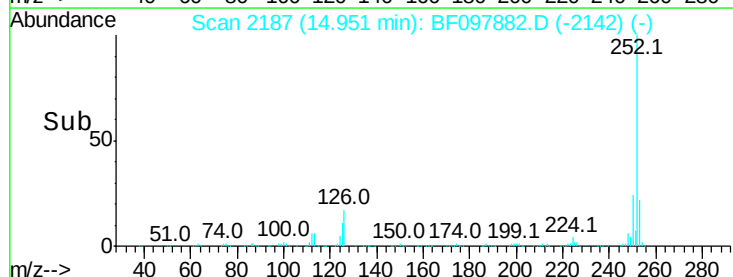
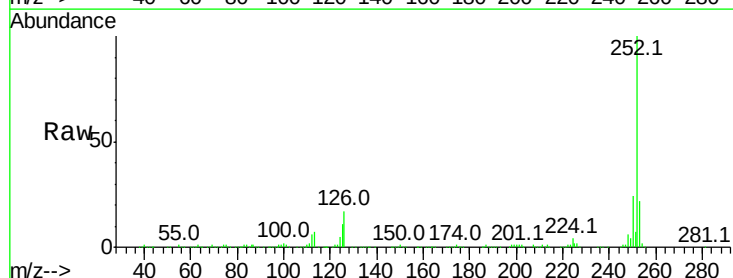
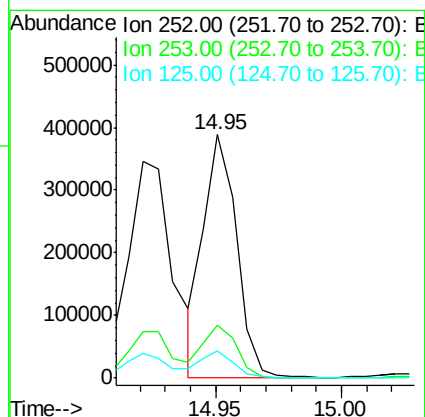
RT: 14.95 min Scan# 2187

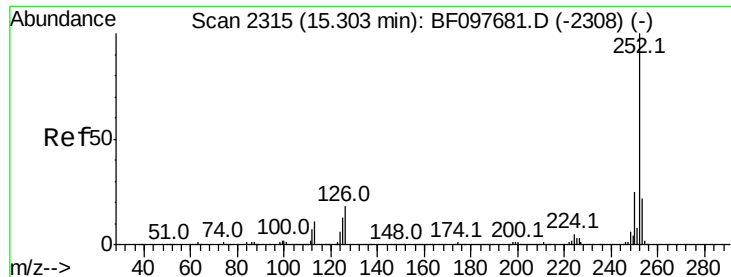
Delta R.T. -0.04 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Tgt Ion:	252	Resp:	359956
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	11.5	13.1	19.7#





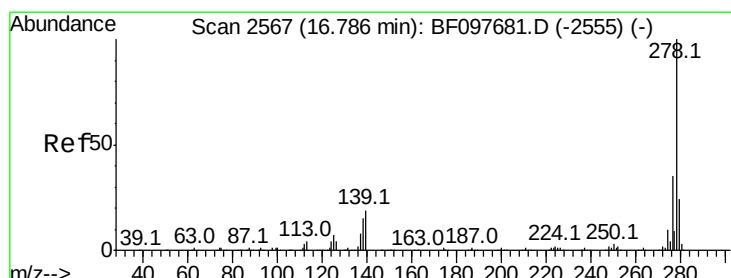
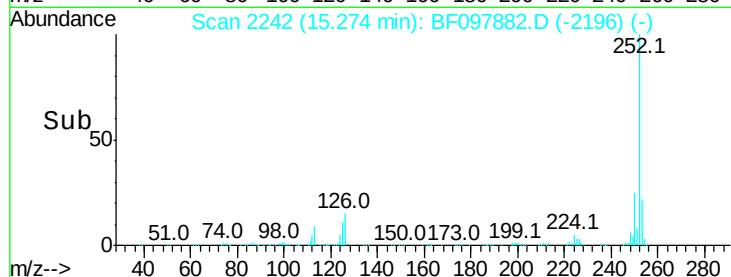
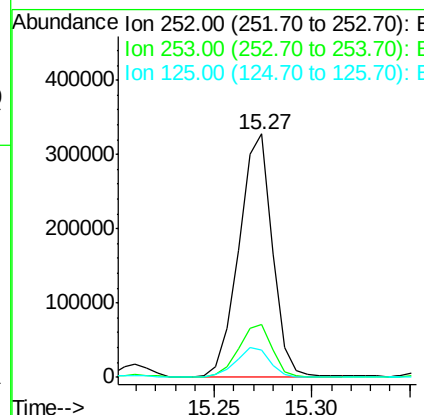
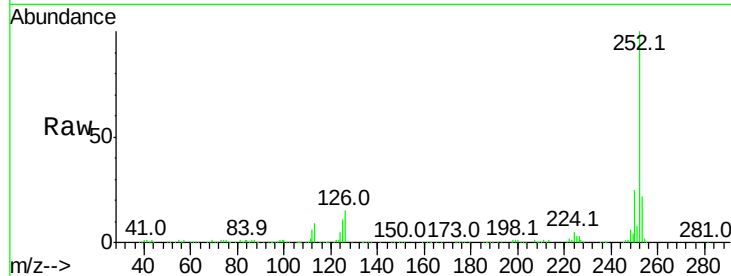
#89
Benzo(a)pyrene
Concen: 25.471 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.03 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

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

Tot Ion	Ratio	Resp	Lower	Upper
252	100	388219		
253	21.6		17.5	26.3
125	11.2		11.0	16.4

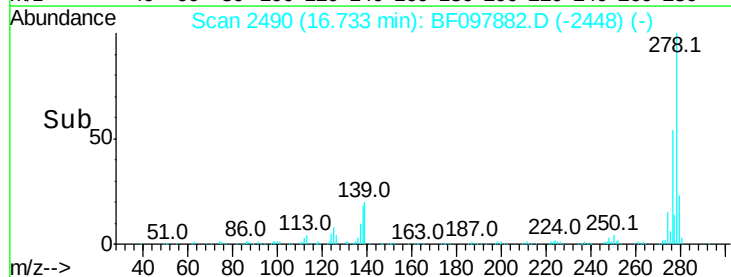
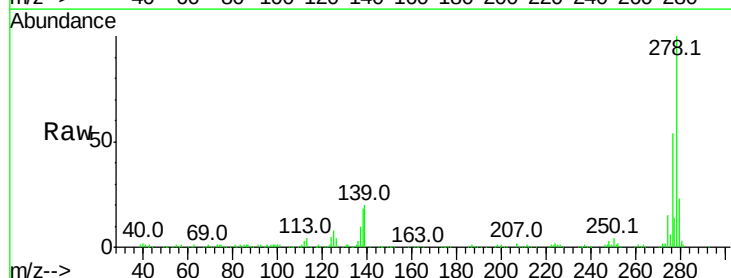
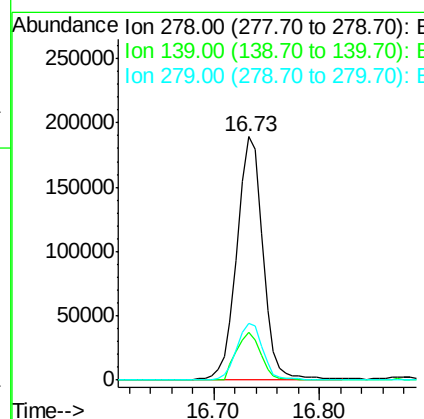
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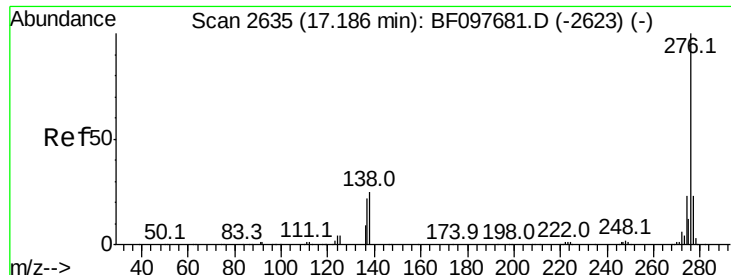
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#90
Dibenzo(a,h)anthracene
Concen: 25.679 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.05 min
Lab File: BF097882.D
Acq: 19 Aug 2017 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	318642		
139	19.7		16.6	24.8
279	23.5		19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 24.763 ng

RT: 17.13 min Scan# 2558

Delta R.T. -0.05 min

Lab File: BF097882.D

Acq: 19 Aug 2017 16:47

Instrument :

BNA_F

ClientSampleId :

PI-1(3)MSD

Tot Ion:	276	Resp:	320616
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	25.9	25.4	38.0

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