

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097879.D
 Acq On : 19 Aug 2017 15:25
 Operator : SJ/JU
 Sample : I4846-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Manual Integrations
 APPROVED

Sohil
 8/21/2017 5:19:56 PM

Quant Time: Aug 21 04:23:33 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	149472	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	624713	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	291235	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	518919	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	285159	20.00	ng	-0.03
86) Perylene-d12	15.33	264	270085	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1168972	118.96	ng	0.00
7) Phenol-d6	6.40	99	1647062	123.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	1065733	92.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	323807	128.14	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1567016	79.05	ng	-0.02
78) Terphenyl-d14	12.87	244	1158885	84.75	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	129900	23.703	ng	90
3) Pyridine	3.23	79	315081	20.797	ng	87
4) n-Nitrosodimethylamine	3.18	42	157423	27.005	ng	81
6) Aniline	6.43	93	344148	18.348	ng	98
8) 2-Chlorophenol	6.55	128	312361	30.141	ng	96
9) Benzaldehyde	6.31	77	122765	14.516	ng	90
10) Phenol	6.42	94	455803	29.189	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	356874	30.279	ng	95
12) 1,3-Dichlorobenzene	6.70	146	309656	27.779	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	315746	27.850	ng	94
14) 1,2-Dichlorobenzene	6.93	146	291816	27.915	ng	99
15) Benzyl Alcohol	6.90	79	326996	32.712	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	487391	30.735	ng	90
17) 2-Methylphenol	7.02	107	295480	32.354	ng	96
18) Hexachloroethane	7.27	117	130365	29.329	ng	# 81
19) n-Nitroso-di-n-propylamine	7.18	70	274743	30.059	ng	92
20) 3+4-Methylphenols	7.17	107	352596	31.610	ng	95
22) Acetophenone	7.17	105	479095	29.030	ng	# 92
24) Nitrobenzene	7.35	77	414425	32.367	ng	91
25) Isophorone	7.59	82	783223	32.755	ng	96
26) 2-Nitrophenol	7.66	139	165274	36.983	ng	# 78
27) 2,4-Dimethylphenol	7.70	122	297393	29.821	ng	92
28) bis(2-Chloroethoxy)methane	7.80	93	482727	30.707	ng	99
29) 2,4-Dichlorophenol	7.90	162	265328	32.051	ng	93
30) 1,2,4-Trichlorobenzene	7.99	180	267380	29.136	ng	99
31) Naphthalene	8.07	128	932647	28.757	ng	99
32) Benzoic acid	7.81	122	121151	20.853	ng	89
33) 4-Chloroaniline	8.12	127	192173	14.050	ng	99
34) Hexachlorobutadiene	8.19	225	155173	28.961	ng	97
35) Caprolactam	8.49	113	85604m	30.418	ng	
36) 4-Chloro-3-methylphenol	8.60	107	330579	31.081	ng	# 78
37) 2-Methylnaphthalene	8.76	142	632937	31.832	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	255849	28.625	ng	# 97
40) Hexachlorocyclopentadiene	8.91	237	224051	52.179	ng	98

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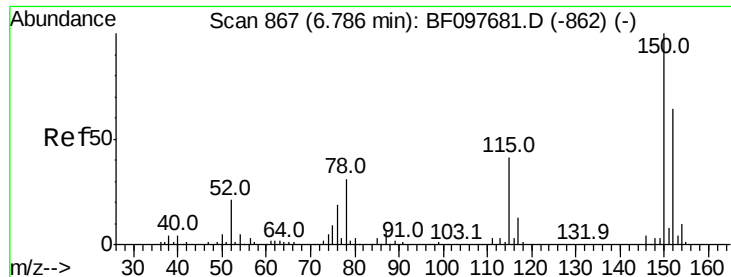
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	184193	30.695	nq	95
43) 2,4,5-Trichlorophenol	9.07	196	193116	32.440	nq	95
45) 1,1'-Biphenyl	9.22	154	759104	28.583	nq	95
46) 2-Chloronaphthalene	9.25	162	550888	28.074	nq	# 90
47) 2-Nitroaniline	9.34	65	221070	33.605	nq	92
48) Acenaphthylene	9.66	152	896999	29.109	nq	99
49) Dimethylphthalate	9.53	163	848811	39.872	nq	100
50) 2,6-Dinitrotoluene	9.59	165	145836	34.319	nq	# 54
51) Acenaphthene	9.83	154	545095	28.048	nq	99
52) 3-Nitroaniline	9.75	138	115849	21.131	nq	87
53) 2,4-Dinitrophenol	9.86	184	81257	45.245	nq	# 78
54) Dibenzofuran	10.00	168	805412	30.922	nq	99
55) 4-Nitrophenol	9.92	139	238167	54.457	nq	# 32
56) 2,4-Dinitrotoluene	9.99	165	189794	35.590	nq	# 49
57) Fluorene	10.34	166	571948	28.401	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	155247	33.683	nq	94
59) Diethylphthalate	10.23	149	725229	32.577	nq	99
60) 4-Chlorophenyl-phenylether	10.34	204	278783	29.799	nq	90
61) 4-Nitroaniline	10.36	138	146058	28.030	nq	# 64
62) Azobenzene	10.50	77	839547	31.748	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	67420	31.112	nq	92
65) n-Nitrosodiphenylamine	10.46	169	551505	31.210	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	174346	32.354	nq	97
67) Hexachlorobenzene	10.89	284	161172	29.344	nq	# 87
68) Atrazine	10.99	200	175317	37.411	nq	98
69) Pentachlorophenol	11.09	266	163443	51.038	nq	99
70) Phenanthrene	11.30	178	820009	29.655	nq	99
71) Anthracene	11.36	178	840653	29.974	nq	100
72) Carbazole	11.51	167	762785	28.652	nq	99
73) Di-n-butylphthalate	11.84	149	1125780	36.713	nq	99
74) Fluoranthene	12.49	202	777915	26.953	nq	99
76) Benzidine	12.61	184	218022	23.319	nq	# 91
77) Pyrene	12.72	202	758243	32.511	nq	99
79) Butylbenzylphthalate	13.34	149	388216	43.415	nq	# 68
80) Benzo(a)anthracene	13.90	228	488014	28.554	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	149795	25.974	nq	# 96
82) Chrysene	13.94	228	500847	29.459	nq	99
83) Bis(2-ethylhexyl)phthalate	13.90	149	480649	48.508	nq	# 100
84) Di-n-octyl phthalate	14.51	149	812806	47.144	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	499171	39.912	nq	94
87) Benzo(b)fluoranthene	14.93	252	495945	29.132	nq	97
88) Benzo(k)fluoranthene	14.95	252	449138	28.081	nq	# 93
89) Benzo(a)pyrene	15.27	252	471699	31.298	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	417782	34.050	nq	96
91) Benzo(g,h,i)perylene	17.14	276	411546	32.146	nq	# 92

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



#1

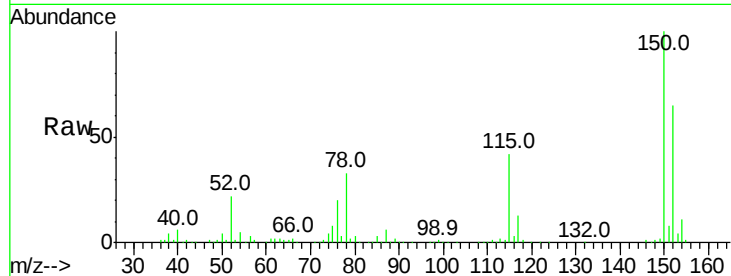
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

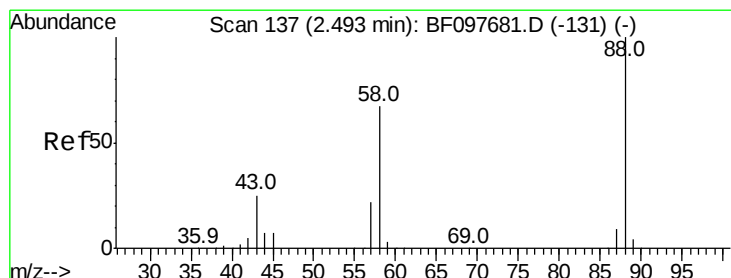
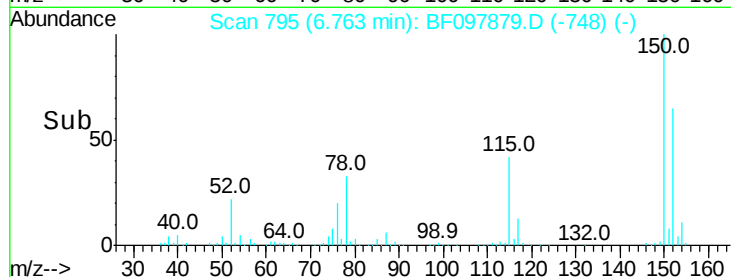
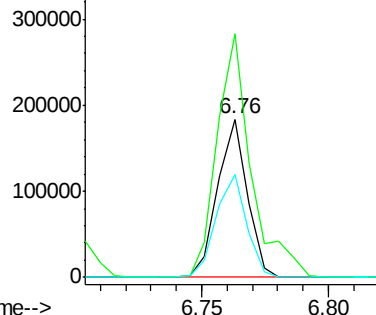
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	65.2	52.2	78.2

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Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

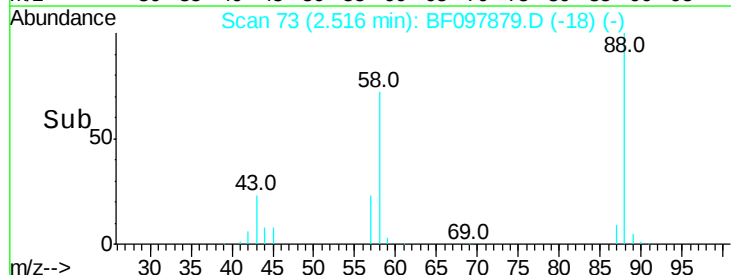
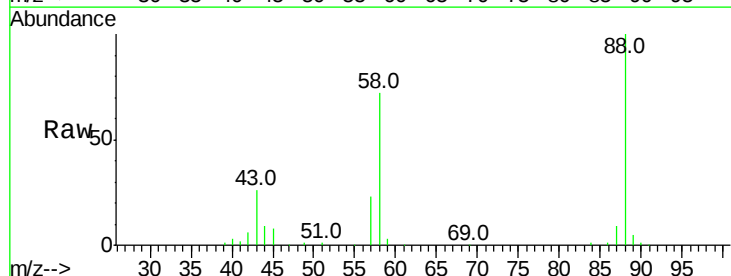
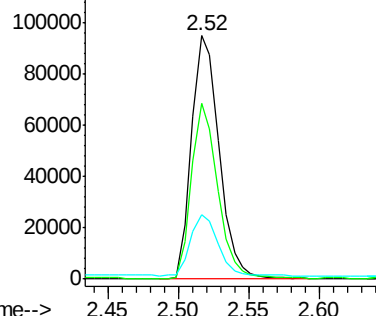


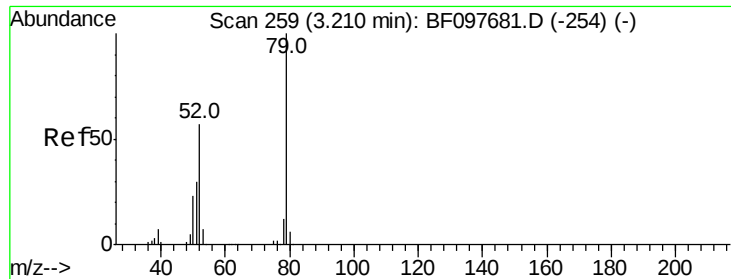
#2

1,4-Dioxane
 Concen: 23.703 ng
 RT: 2.52 min Scan# 73
 Delta R.T. 0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.9	61.4	92.0
43	24.5	23.4	35.0

Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 20.797 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

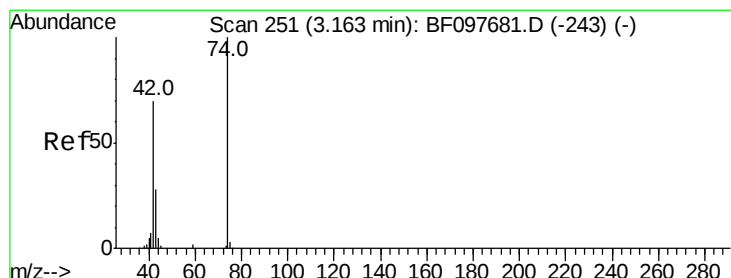
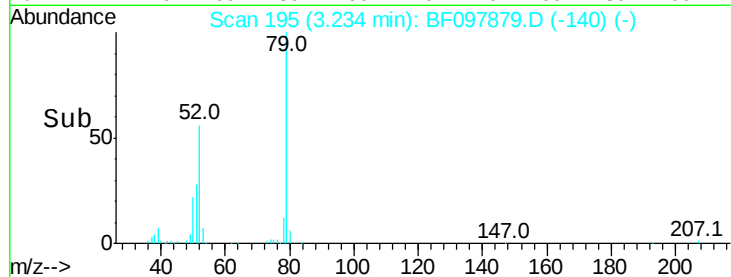
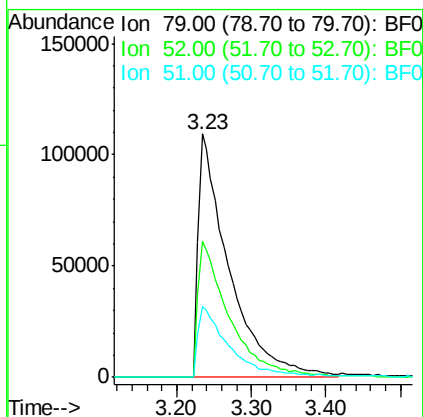
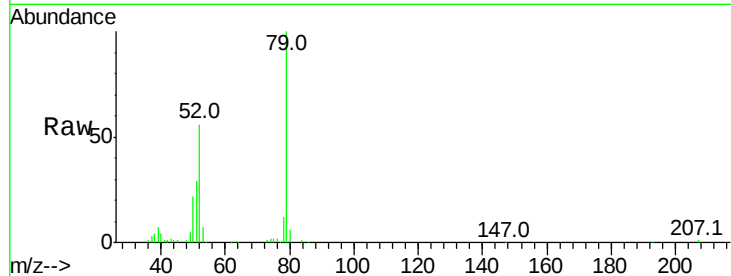
ClientSampleId :

PI-2(3)MSD

Tot Ion:	79	Resp:	315081
Ion Ratio	Lower	Upper	
79	100		
52	55.7	54.8	82.2
51	28.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 27.005 ng

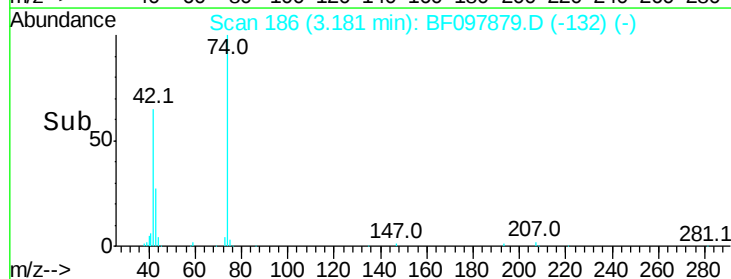
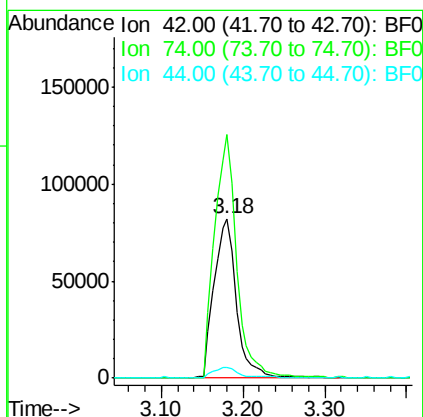
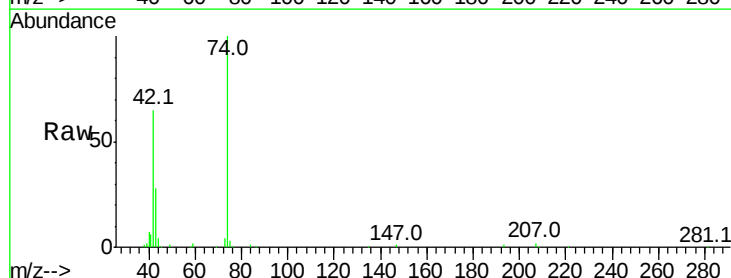
RT: 3.18 min Scan# 186

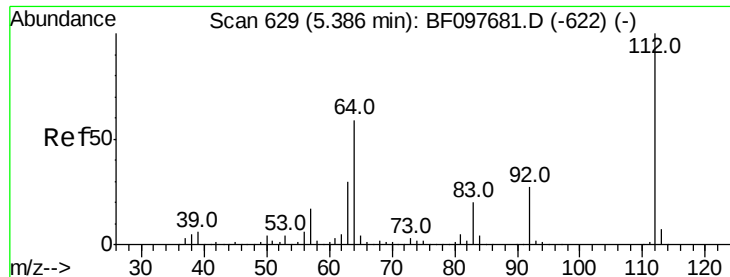
Delta R.T. 0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:	42	Resp:	157423
Ion Ratio	Lower	Upper	
42	100		
74	152.8	103.9	155.9
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 118.958 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:112 Resp: 1168972

Ion Ratio Lower Upper

112 100

64 55.4 46.0 69.0

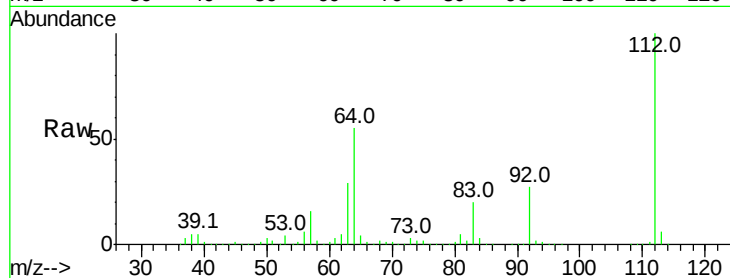
63 29.1 23.4 35.0

Manual Integrations

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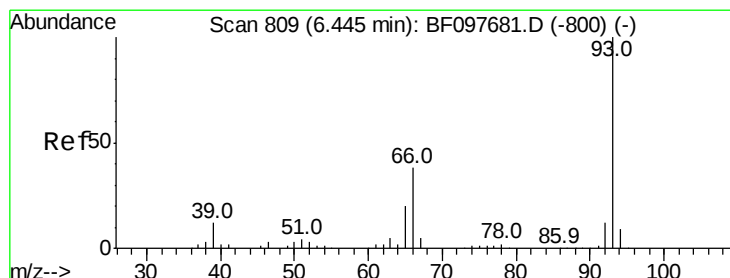
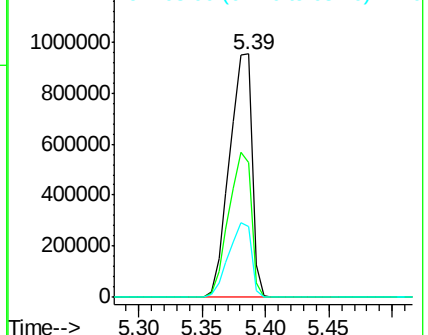
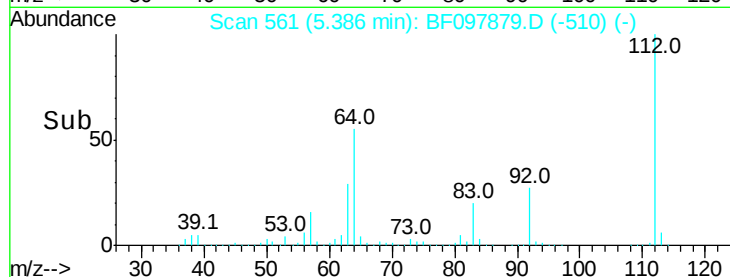
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.348 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

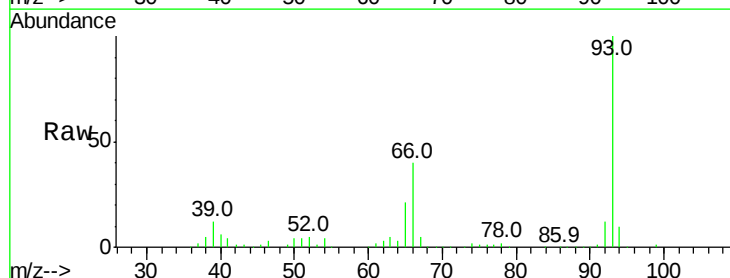
Tgt Ion: 93 Resp: 344148

Ion Ratio Lower Upper

93 100

66 39.6 32.9 49.3

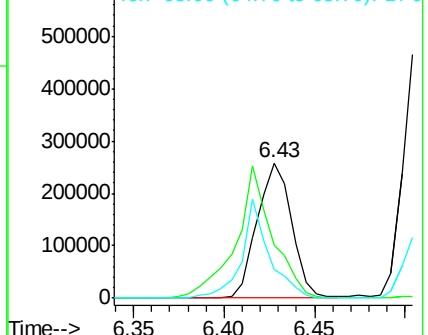
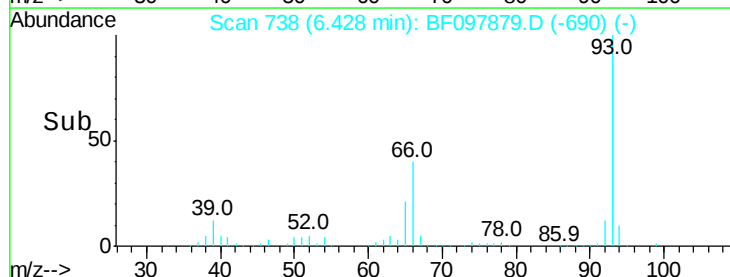
65 21.2 16.0 24.0

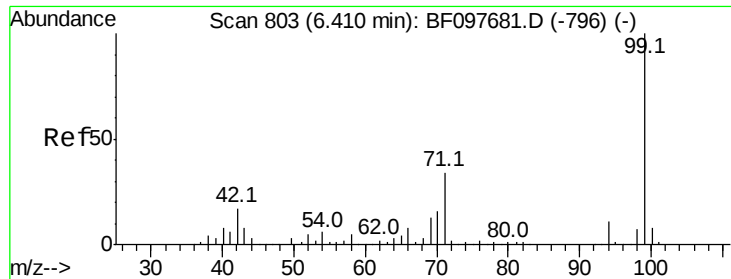


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.360 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion: 99 Resp: 1647062

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

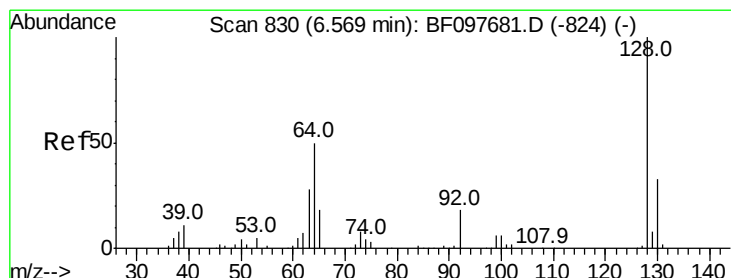
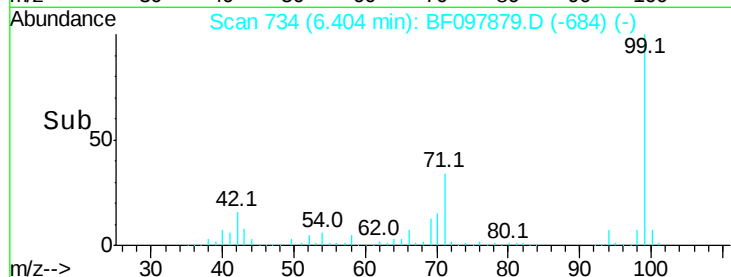
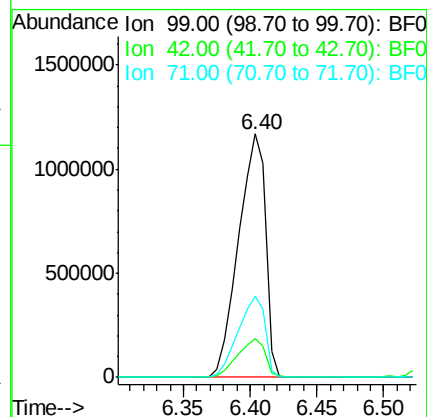
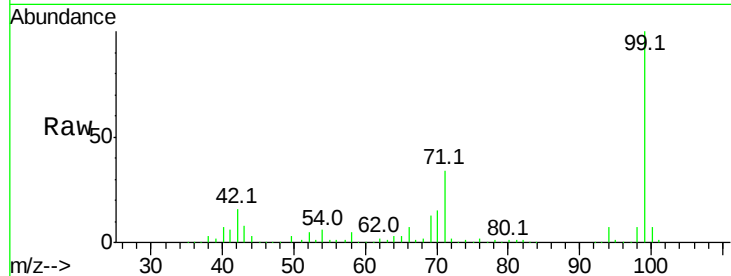
71 33.5 24.5 36.7

Manual Integrations

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#8

2-Chlorophenol

Concen: 30.141 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

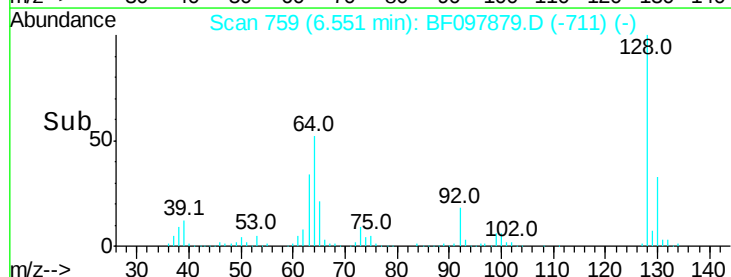
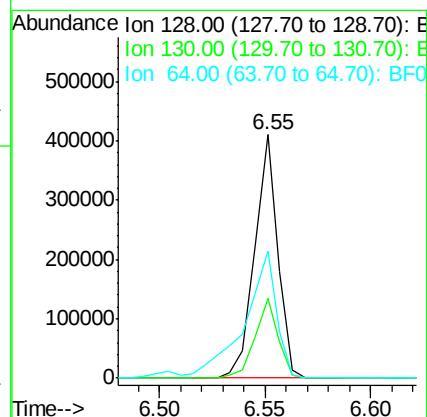
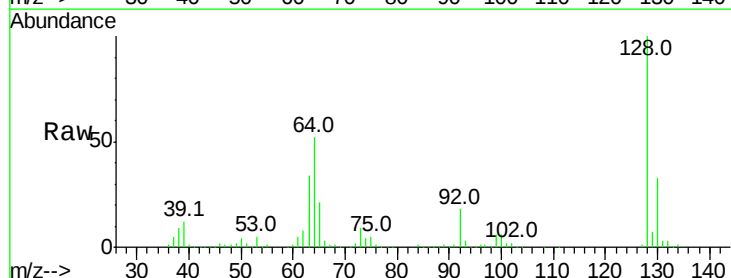
Tgt Ion: 128 Resp: 312361

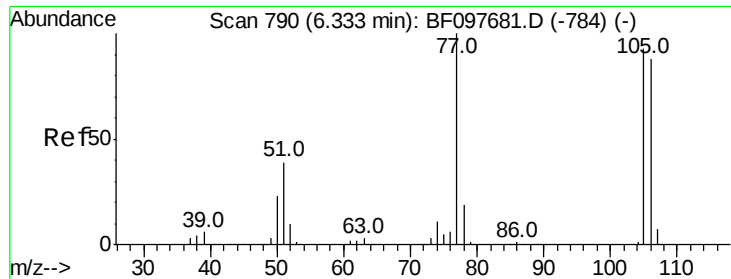
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 52.3 28.4 68.4





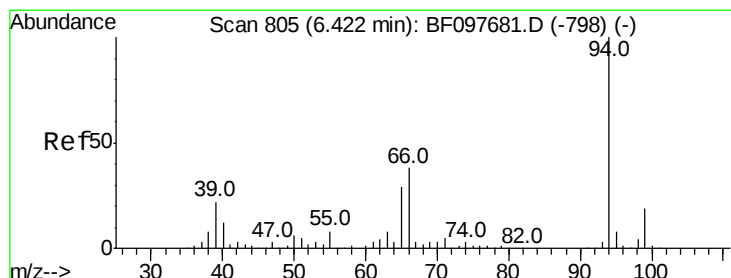
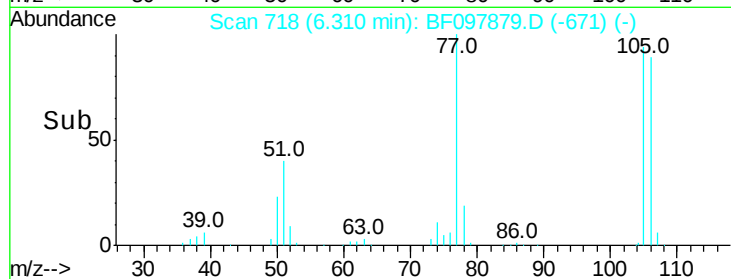
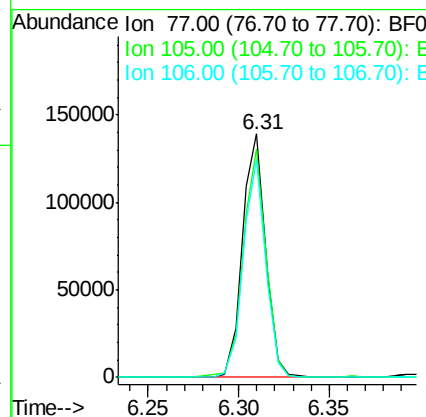
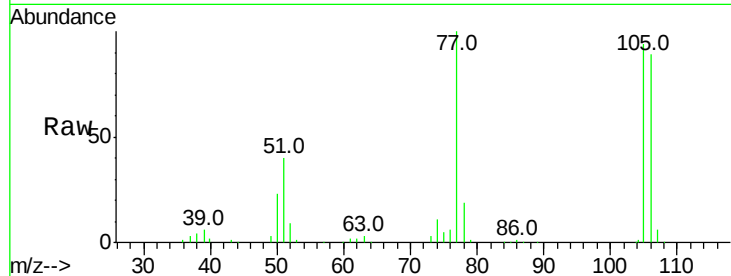
#9
Benzaldehyde
Concen: 14.516 ng
RT: 6.31 min Scan# 718
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.7	83.8	123.8
106	89.3	79.1	119.1

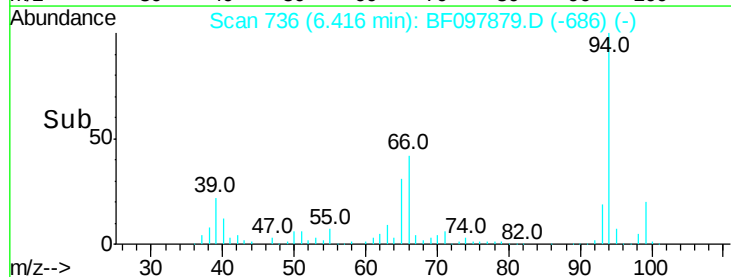
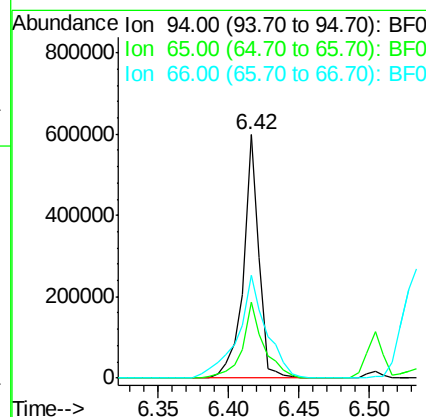
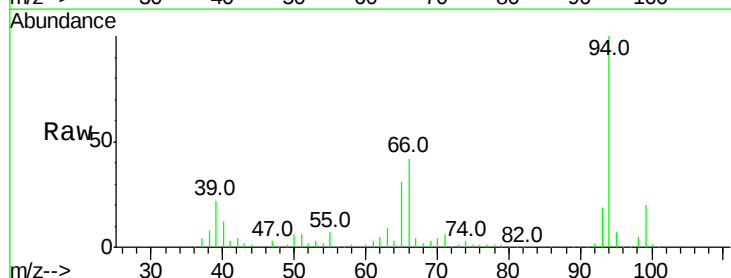
Manual Integrations
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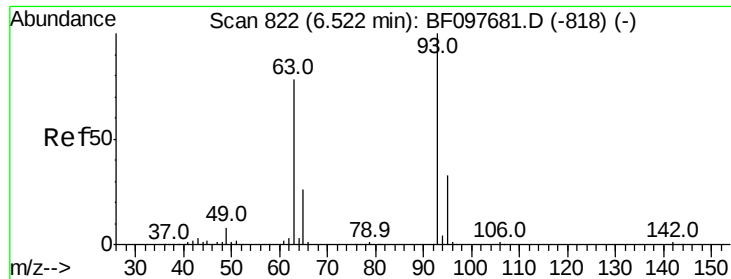
Sohil
8/21/2017 5:19:56 PM



#10
Phenol
Concen: 29.189 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.4	9.9	49.9
66	42.4	23.1	63.1





#11

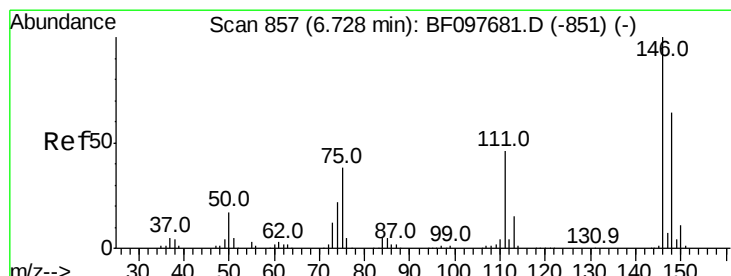
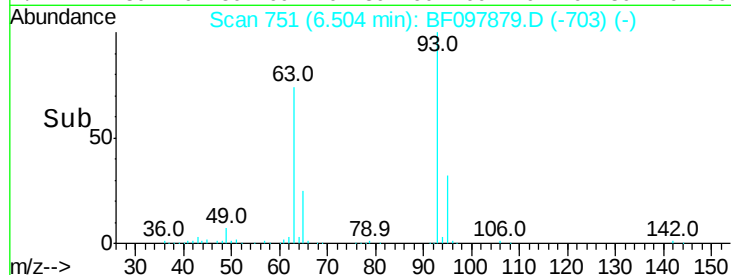
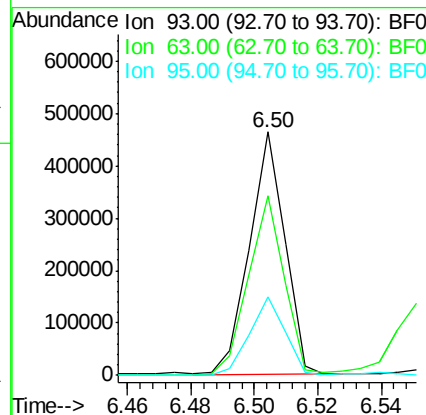
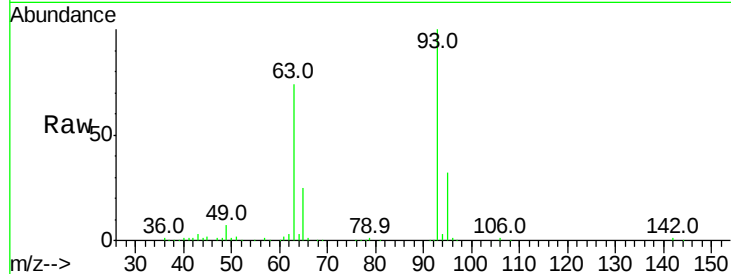
bis(2-Chloroethyl)ether
Concen: 30.279 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.9	59.2	99.2	
95	32.2	12.8	52.8	

Manual Integrations
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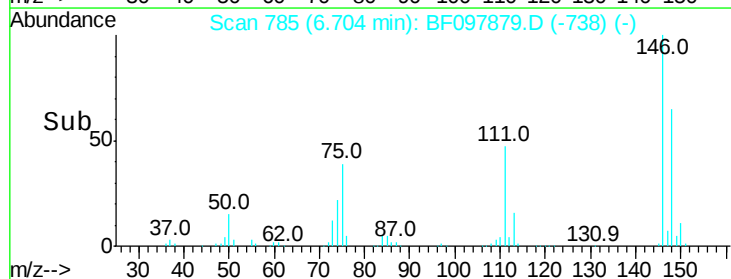
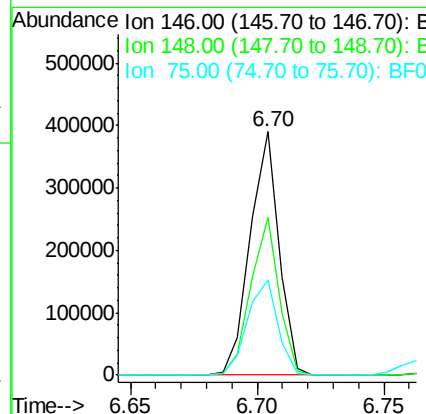
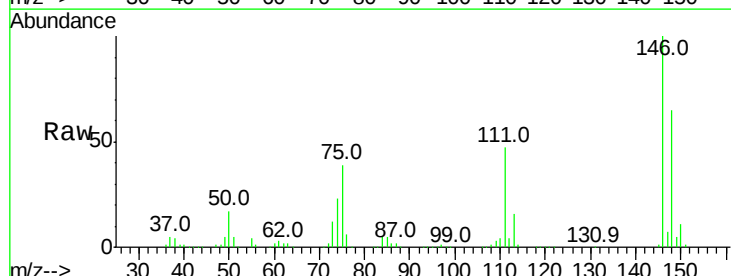
Sohil
8/21/2017 5:19:56 PM

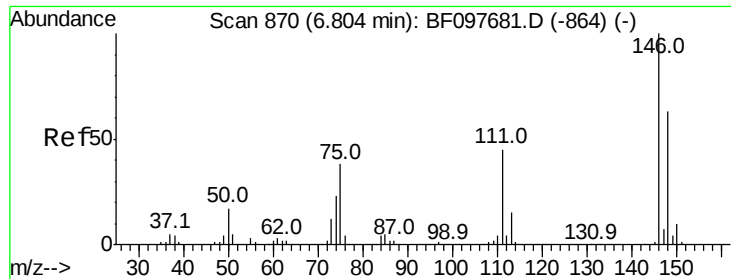


#12

1,3-Dichlorobenzene
Concen: 27.779 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	51.8	77.6	
75	39.1	23.1	34.7#	





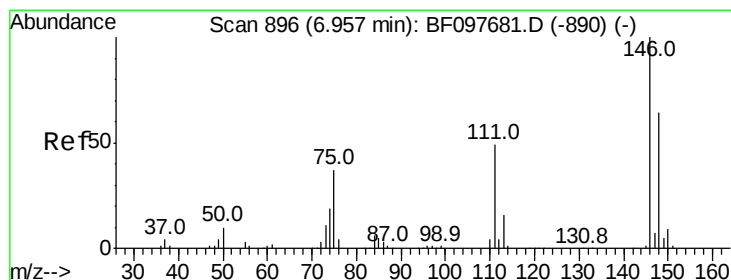
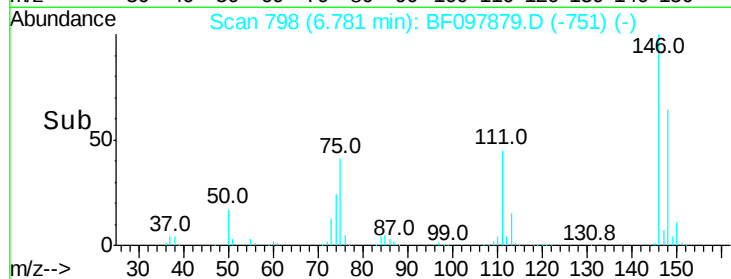
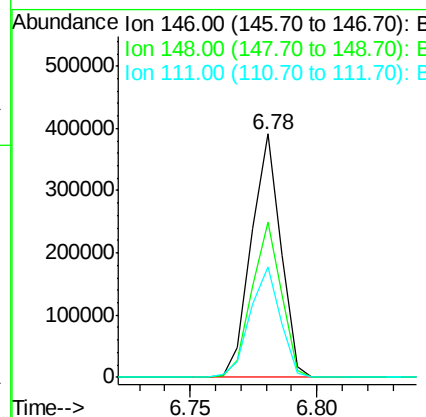
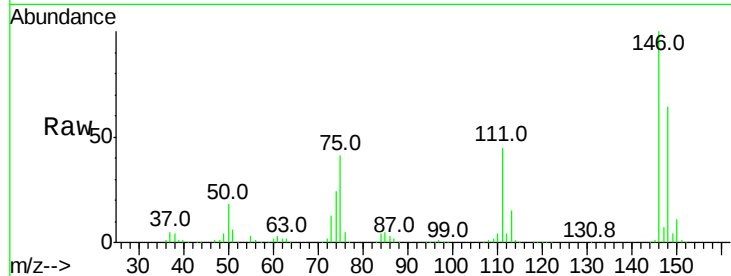
#13
 1,4-Dichlorobenzene
 Concen: 27.850 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

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

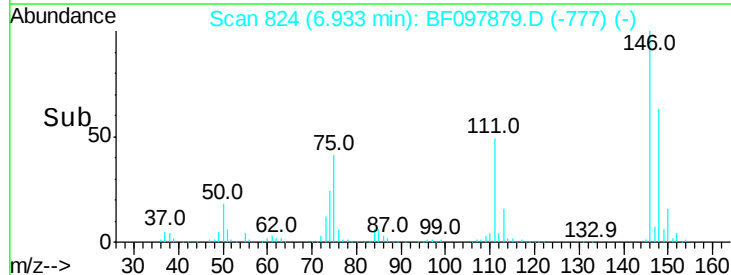
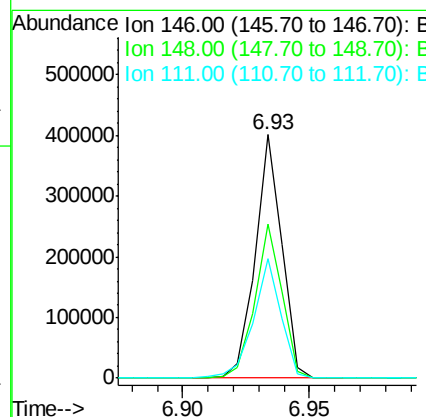
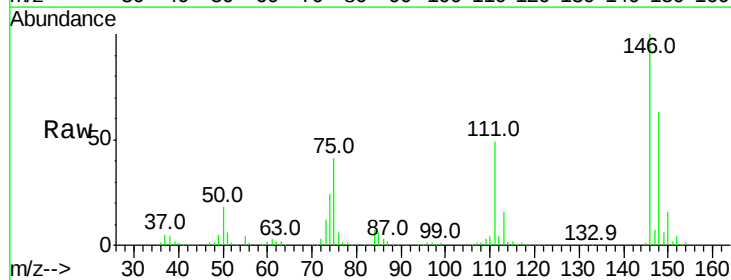
Manual Integrations
 APPROVED

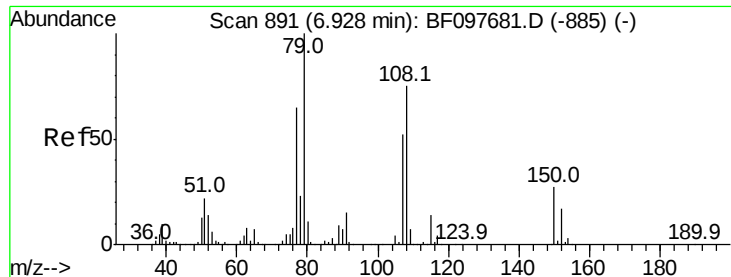
Sohil
 8/21/2017 5:19:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.915 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	49.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 32.712 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

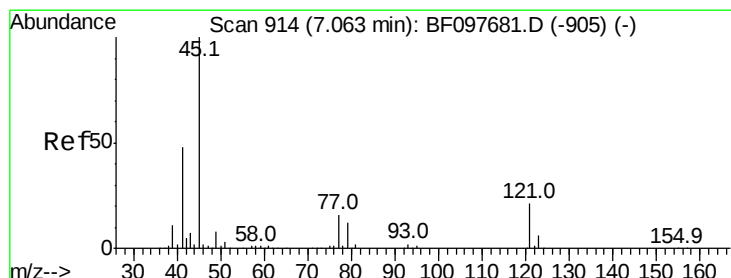
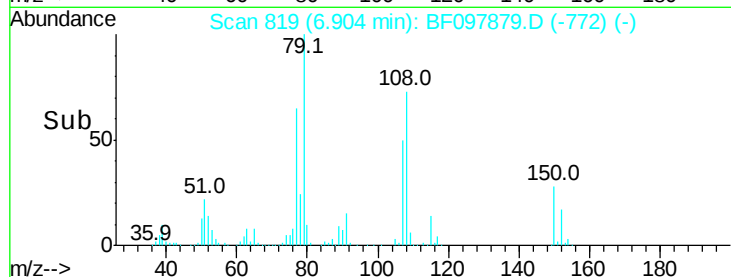
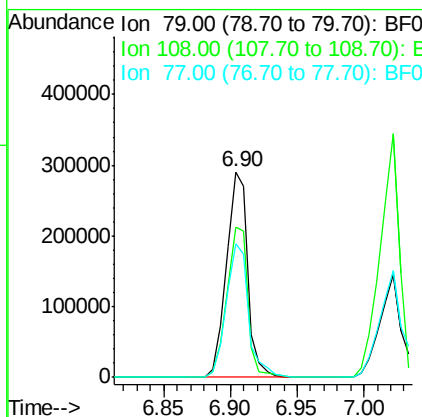
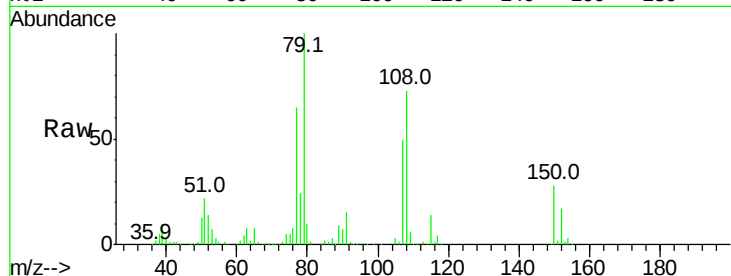
ClientSampleId :

PI-2(3)MSD

Tot Ion:	79	Resp:	326996
Ion Ratio	Lower	Upper	
79	100		
108	73.4	63.4	95.0
77	64.7	49.2	73.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.735 ng

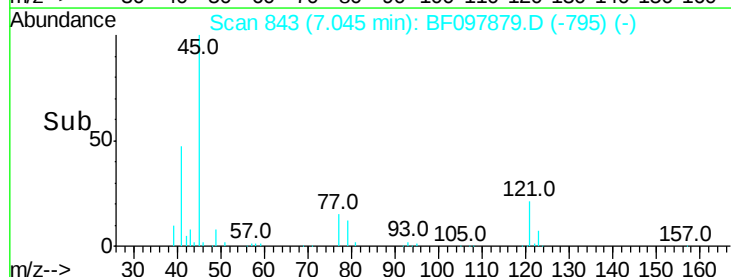
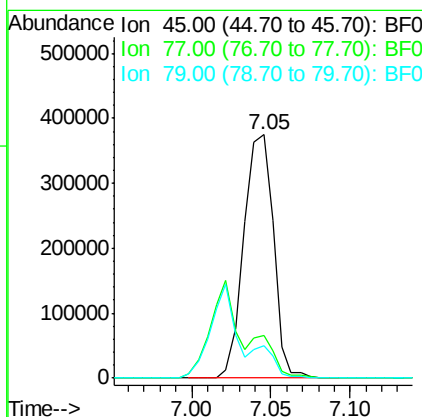
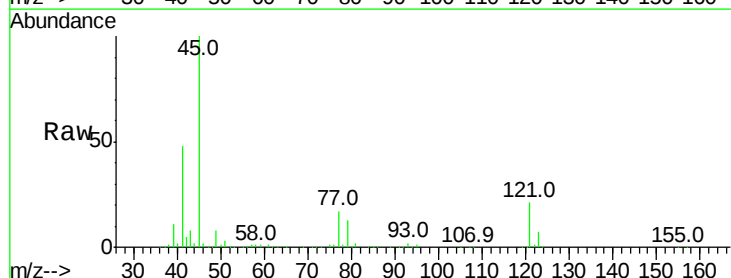
RT: 7.05 min Scan# 843

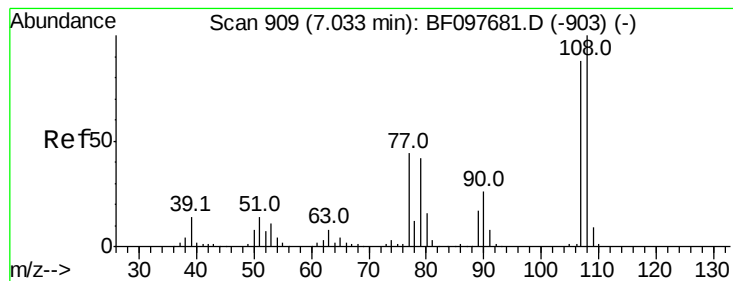
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:	45	Resp:	487391
Ion Ratio	Lower	Upper	
45	100		
77	17.3	0.0	33.2
79	13.4	0.0	30.0





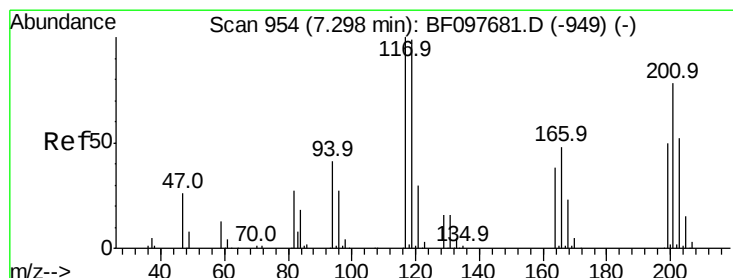
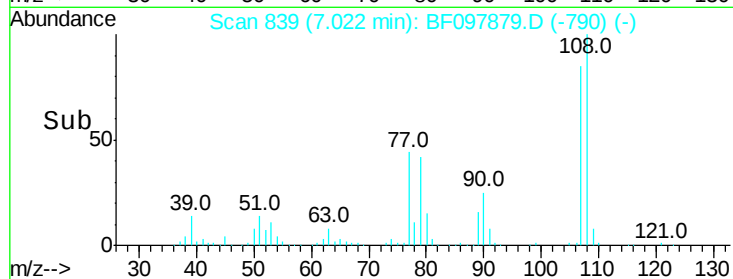
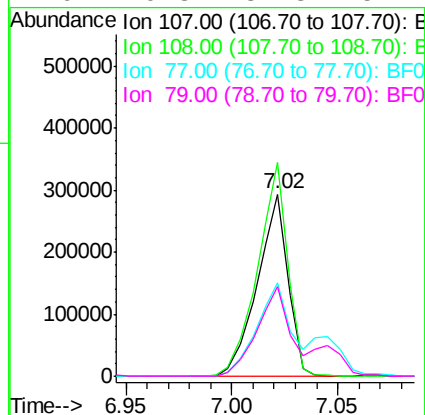
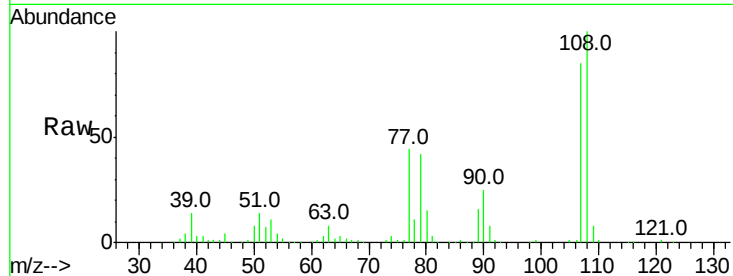
#17
2-Methylphenol
Concen: 32.354 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.1	93.4	140.0	
77	51.2	35.8	53.6	
79	49.3	34.8	52.2	

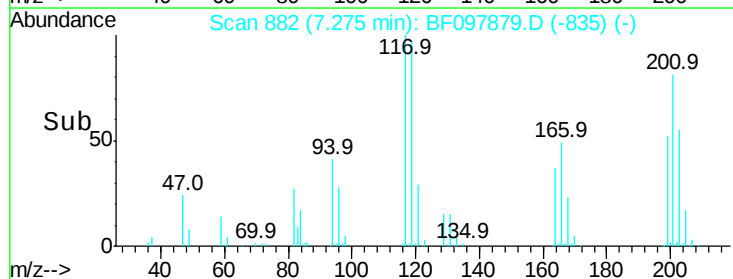
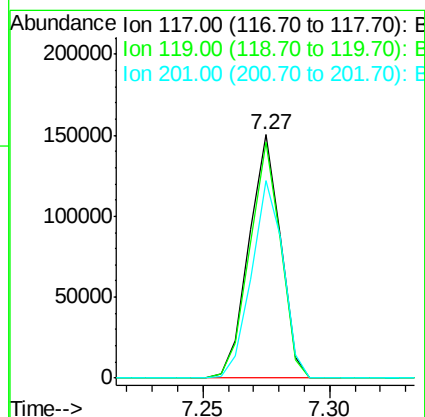
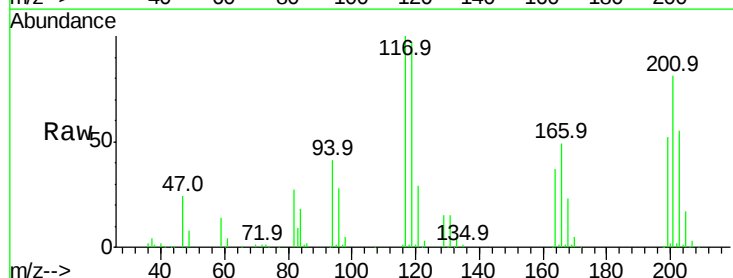
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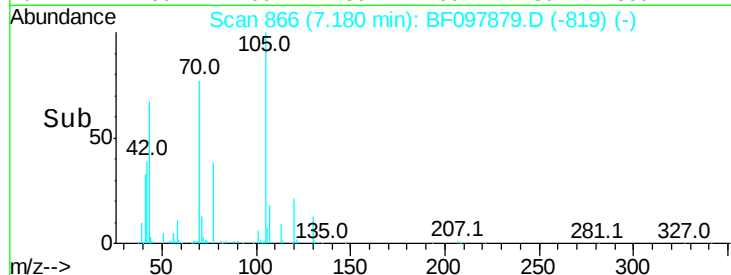
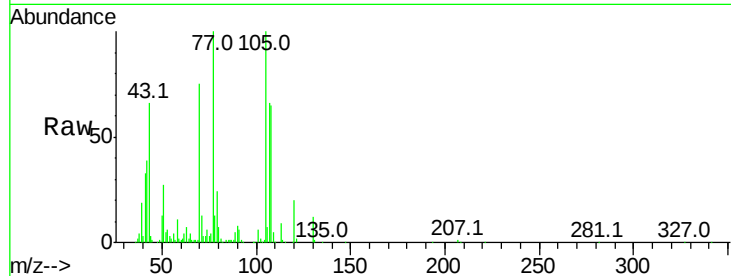
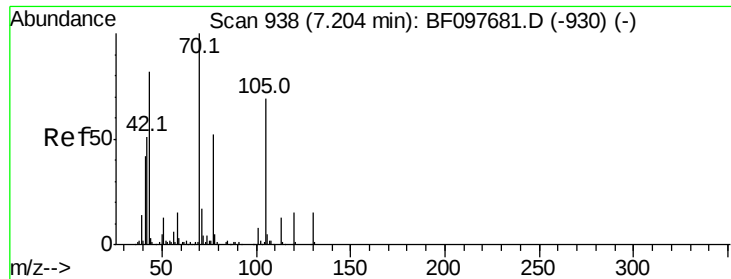
Sohil
8/21/2017 5:19:56 PM



#18
Hexachloroethane
Concen: 29.329 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	77.4	116.0	
201	81.1	94.6	141.8#	





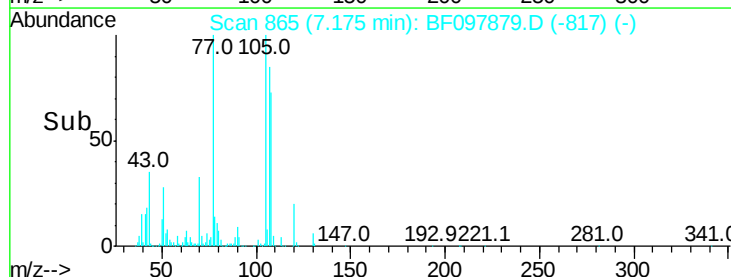
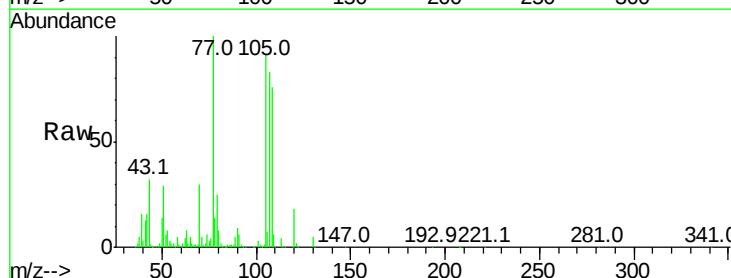
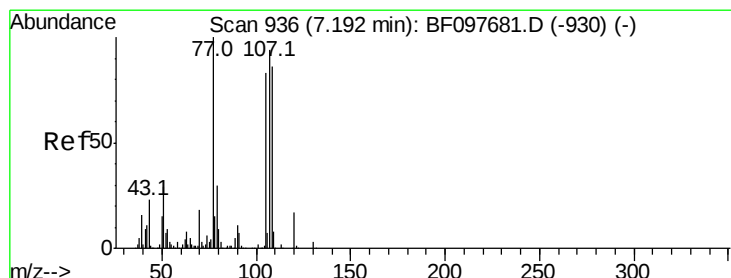
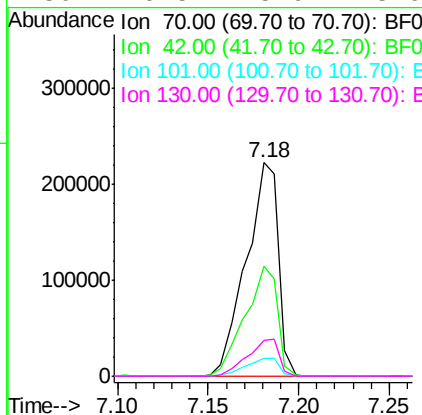
#19
n-Nitroso-di-n-propylamine
Concen: 30.059 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.6	47.2	70.8
101	8.5	7.2	10.8
130	16.5	15.9	23.9

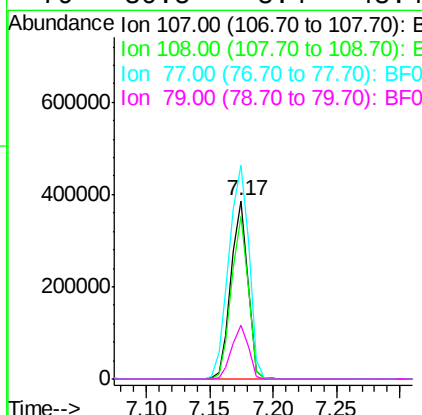
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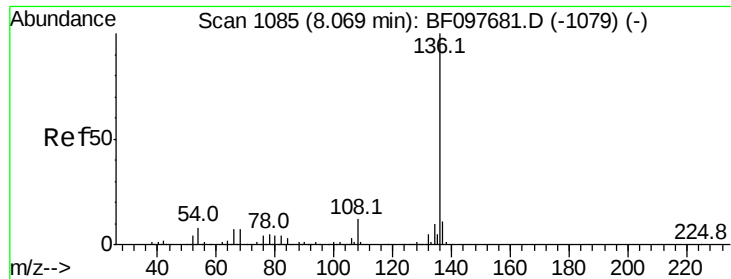
Sohil
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#20
3+4-Methylphenols
Concen: 31.610 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.0	111.0
77	119.9	90.5	130.5
79	30.5	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: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

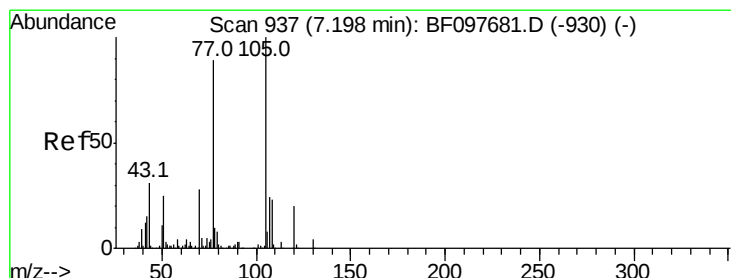
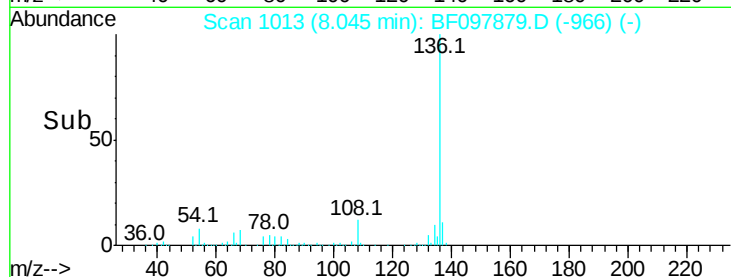
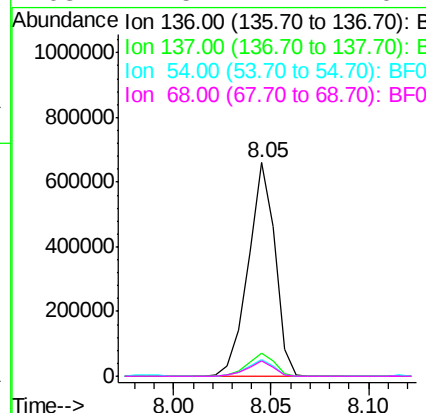
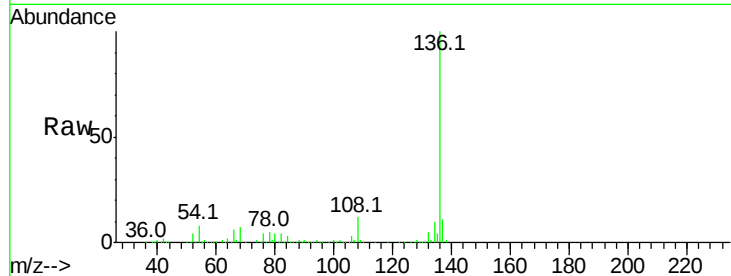
ClientSampleId :

PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.6	4.9	7.3#	
68	7.5	4.1	6.1#	

Manual Integrations
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#22

Acetophenone

Concen: 29.030 ng

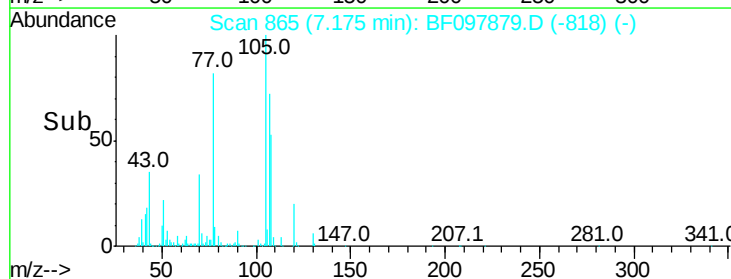
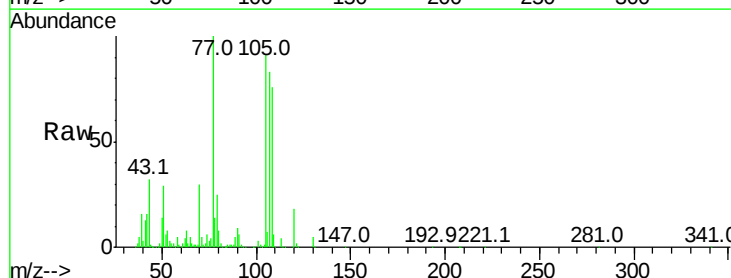
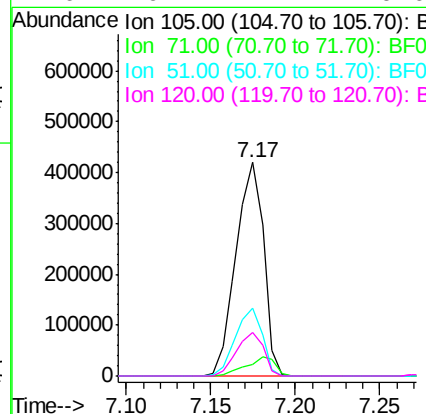
RT: 7.17 min Scan# 865

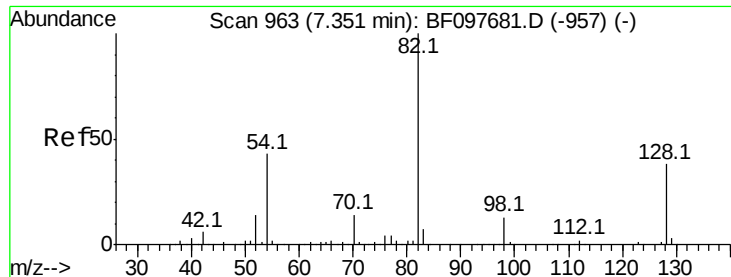
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	2.8	4.2#	
51	31.5	30.7	46.1	
120	20.1	17.4	26.0	





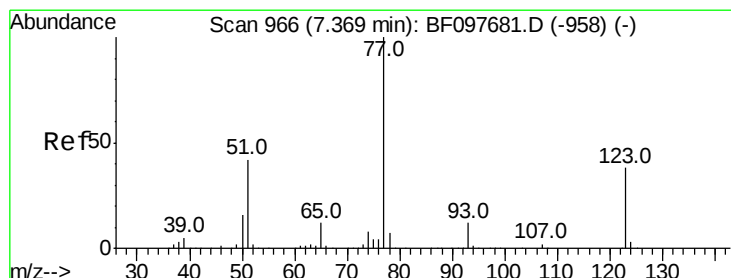
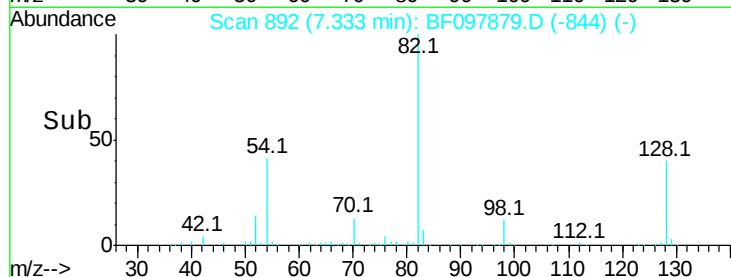
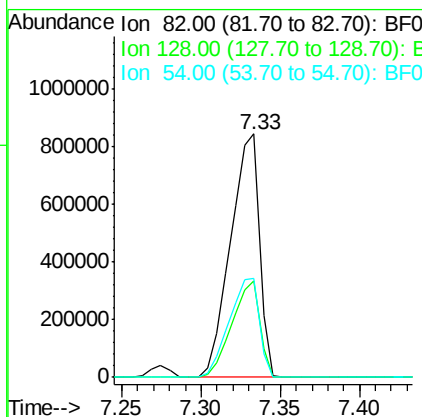
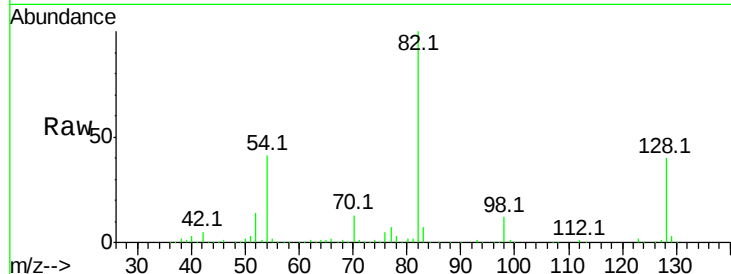
#23
 Nitrobenzene-d5
 Concen: 92.675 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.7	34.0	51.0
54	40.9	42.2	63.2#

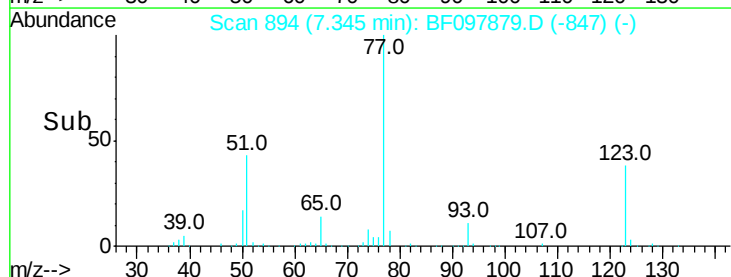
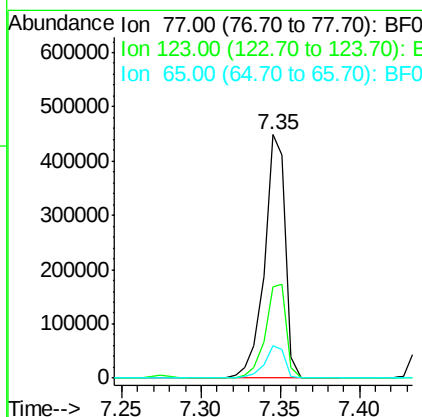
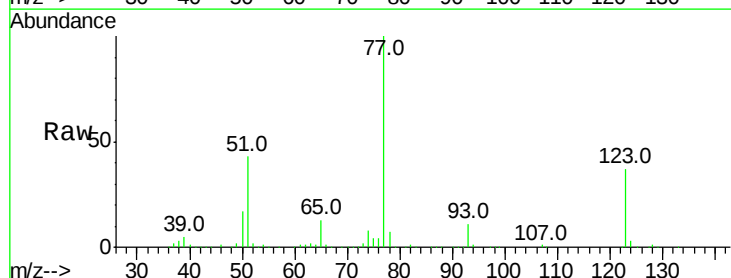
Manual Integrations
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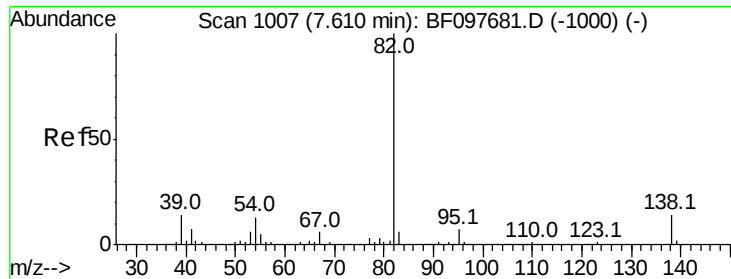
Sohil
 8/21/2017 5:19:56 PM



#24
 Nitrobenzene
 Concen: 32.367 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.3	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 32.755 ng

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

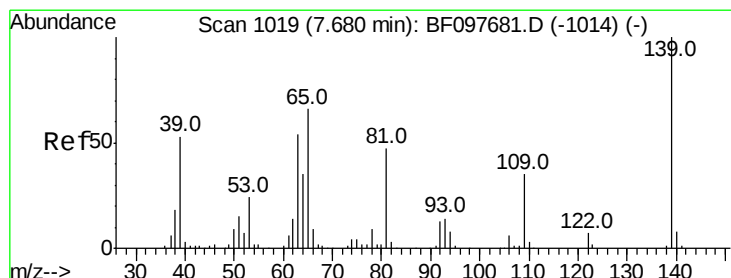
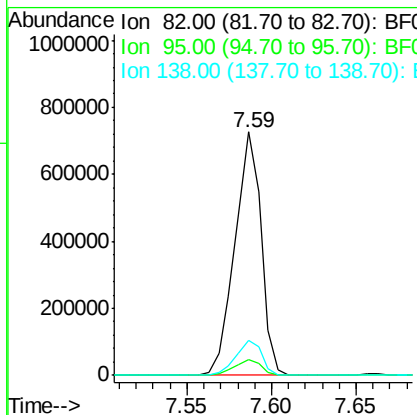
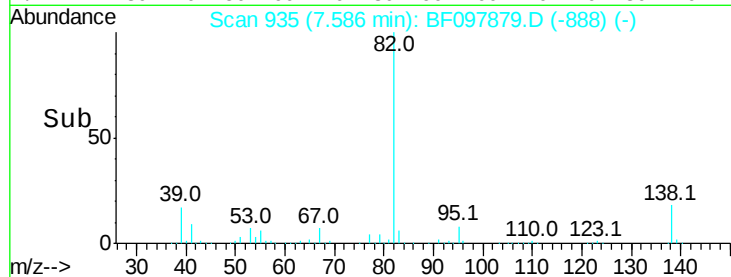
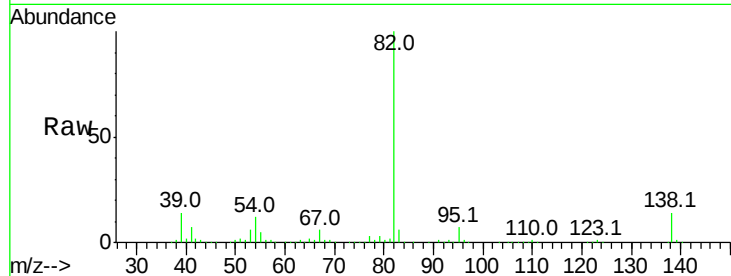
ClientSampleId :

PI-2(3)MSD

Tot Ion:	82	Resp:	783223
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	14.2	13.1	19.7

Manual Integrations
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8/21/2017 5:19:56 PM



#26

2-Nitrophenol

Concen: 36.983 ng

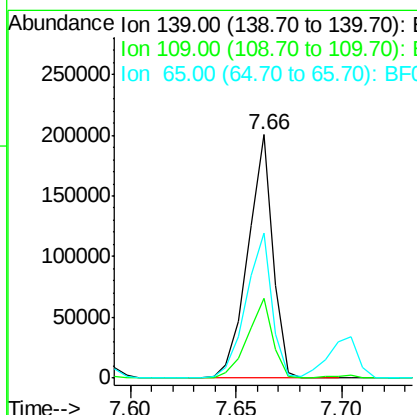
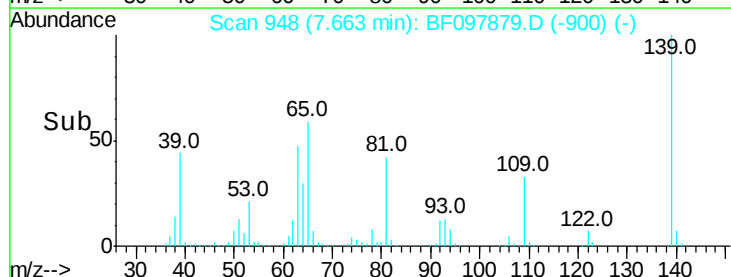
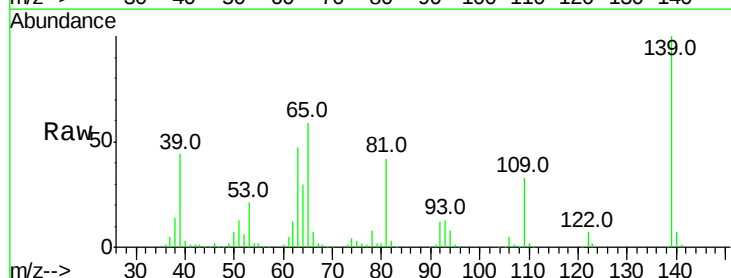
RT: 7.66 min Scan# 948

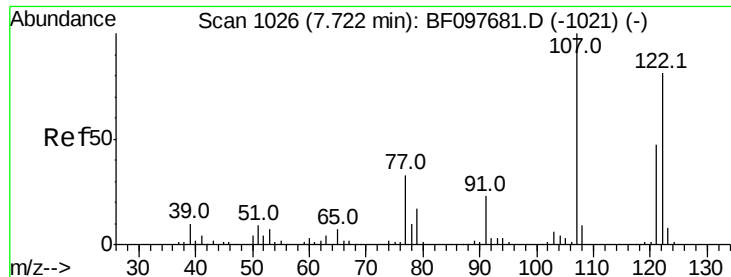
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:	139	Resp:	165274
Ion Ratio	Lower	Upper	
139	100		
109	32.8	21.0	31.6#
65	59.3	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 29.821 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

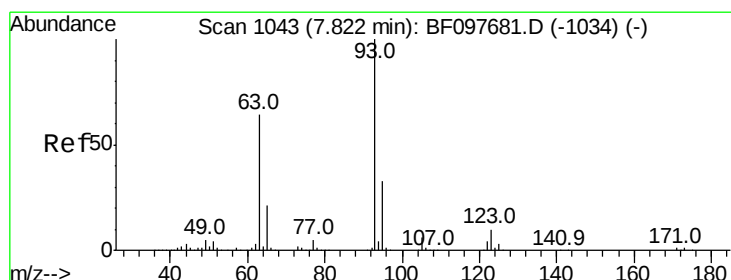
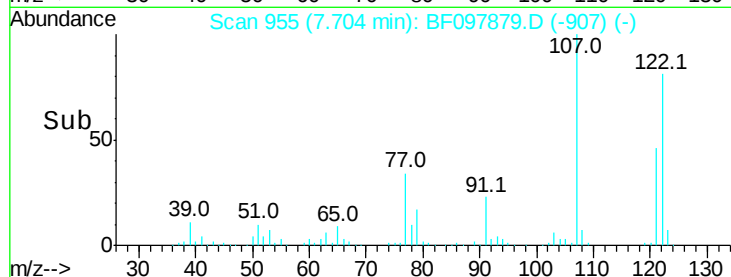
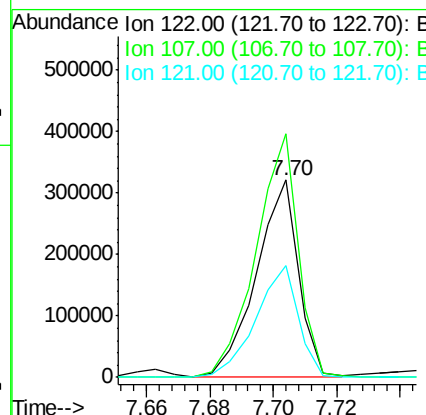
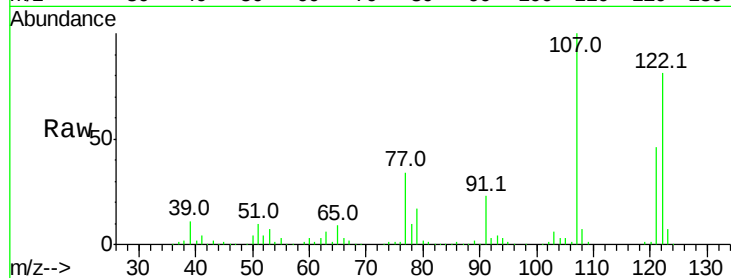
ClientSampled :

PI-2(3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		297393		
107	123.6	89.2	133.8		
121	57.0	45.2	67.8		

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#28

bis(2-Chloroethoxy)methane

Concen: 30.707 ng

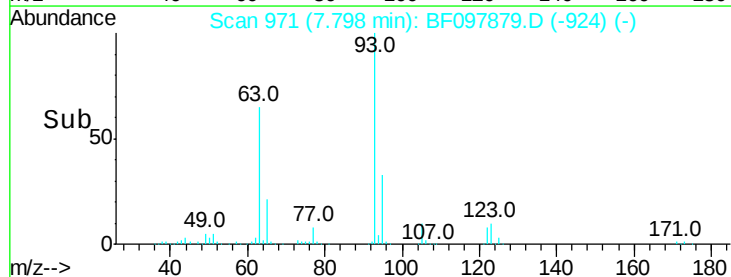
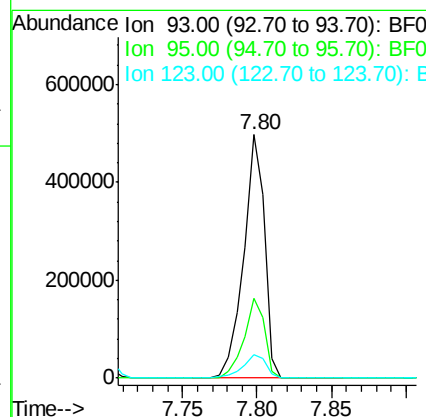
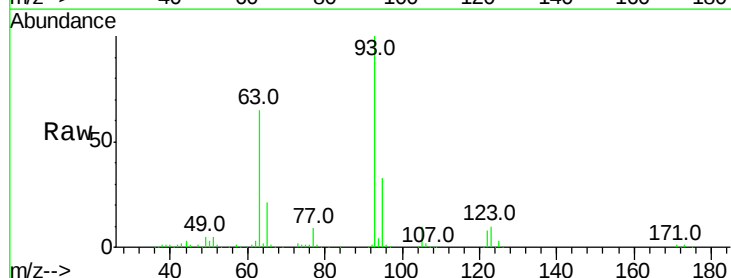
RT: 7.80 min Scan# 971

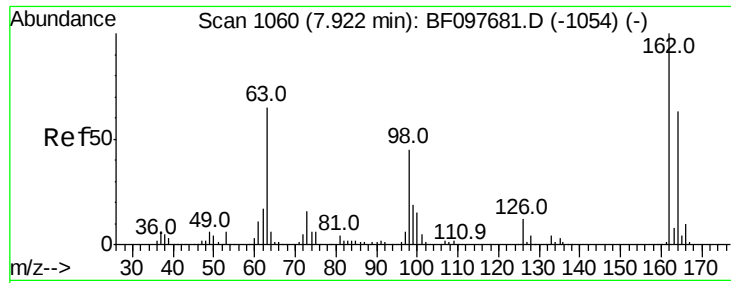
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		482727		
95	32.8	26.5	39.7		
123	9.6	9.0	13.4		





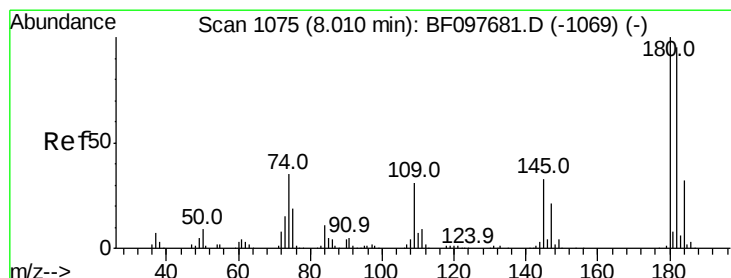
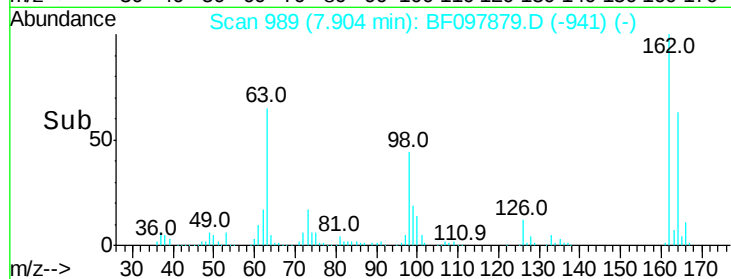
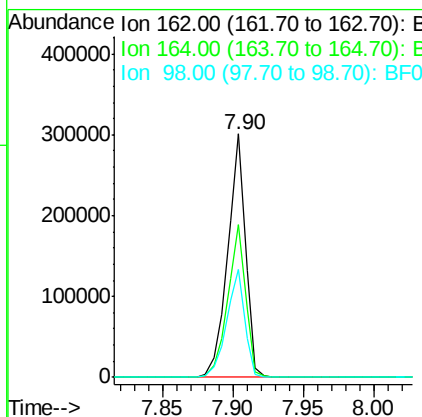
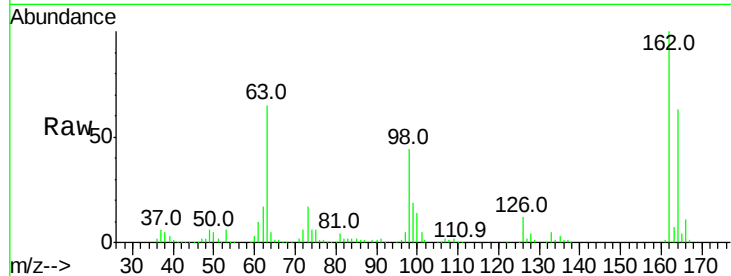
#29
 2,4-Dichlorophenol
 Concen: 32.051 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		265328		
164	62.8	44.6	84.6		
98	44.4	14.8	54.8		

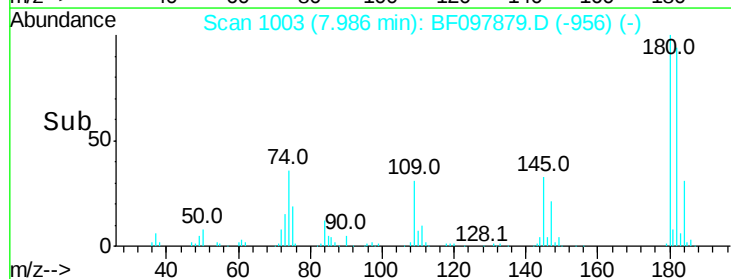
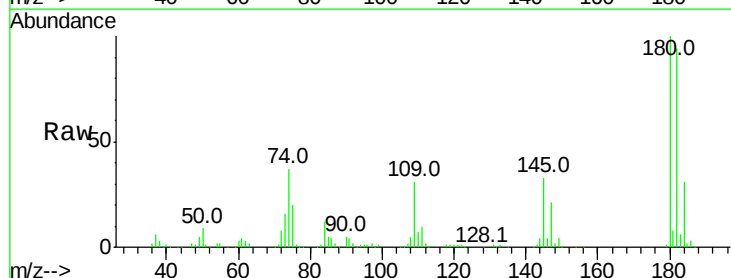
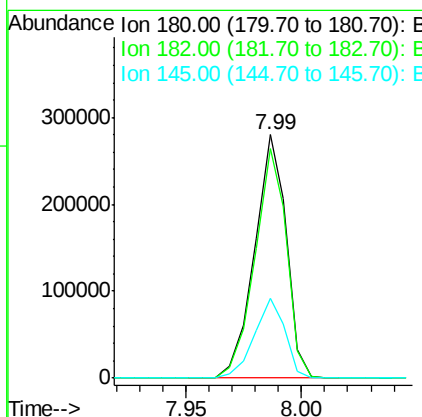
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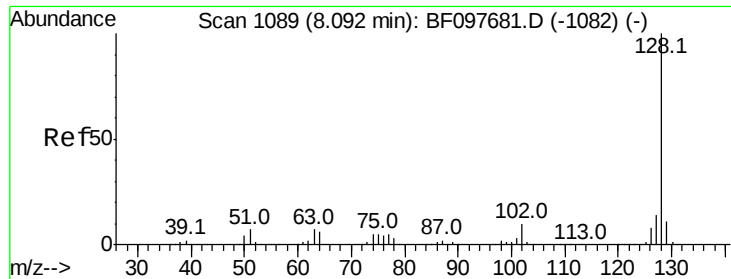
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#30
 1,2,4-Trichlorobenzene
 Concen: 29.136 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		267380		
182	94.3	75.8	113.6		
145	32.5	25.3	37.9		





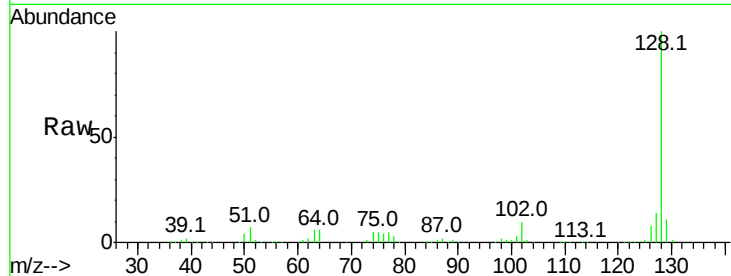
#31
Naphthalene
Concen: 28.757 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampled :
PI-2(3)MSD

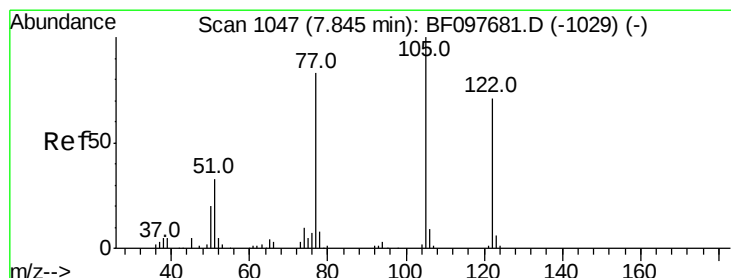
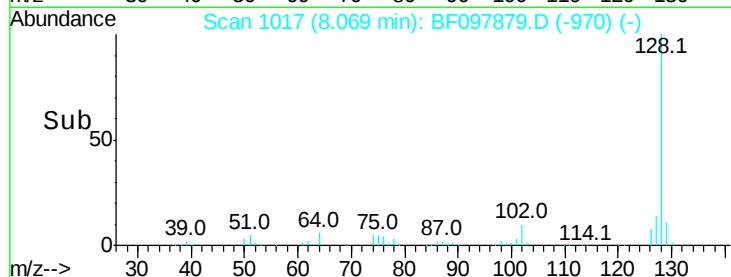
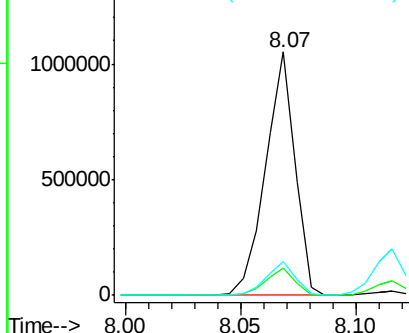
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.6	
127	13.9	10.8	16.2	

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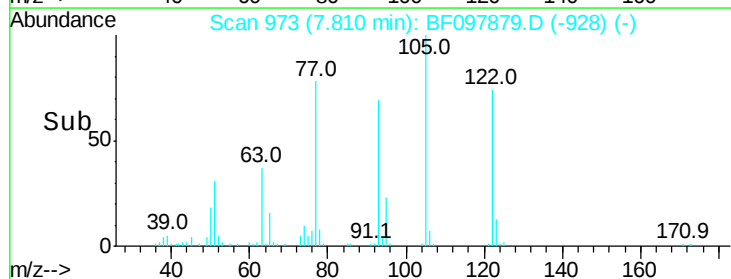
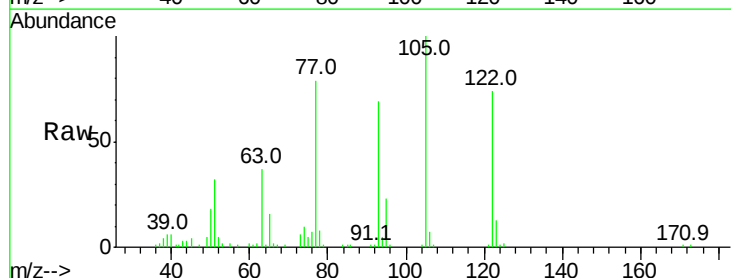
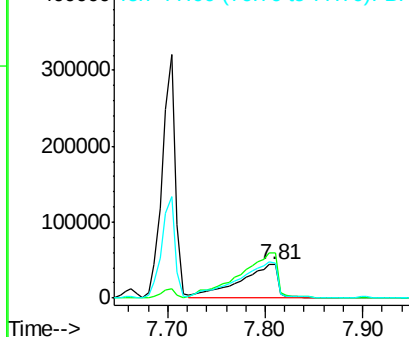
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

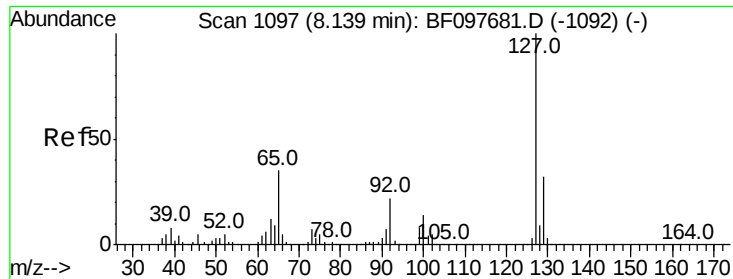


#32
Benzoic acid
Concen: 20.853 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.04 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.5	103.3	143.3	
77	106.6	73.7	113.7	

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





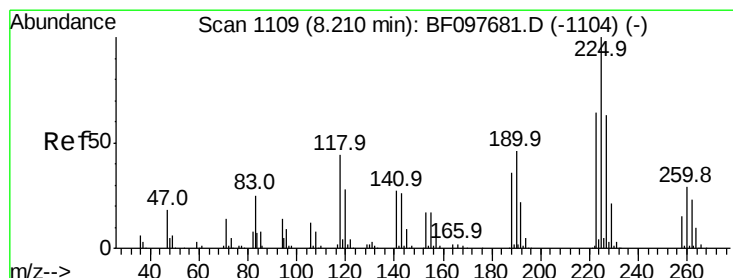
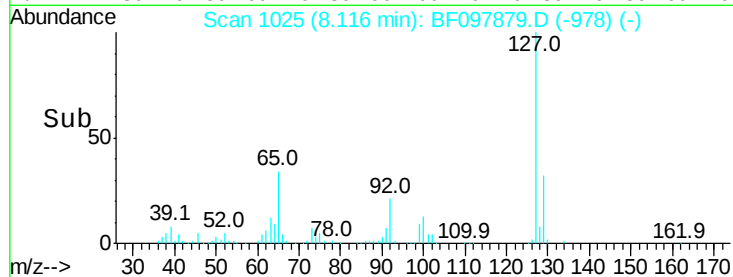
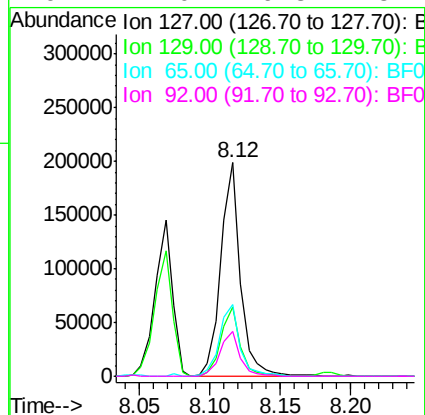
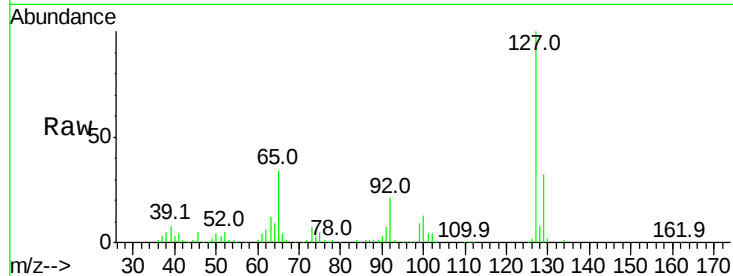
#33
4-Chloroaniline
Concen: 14.050 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	33.8	27.8	41.8		
92	21.0	16.8	25.2		

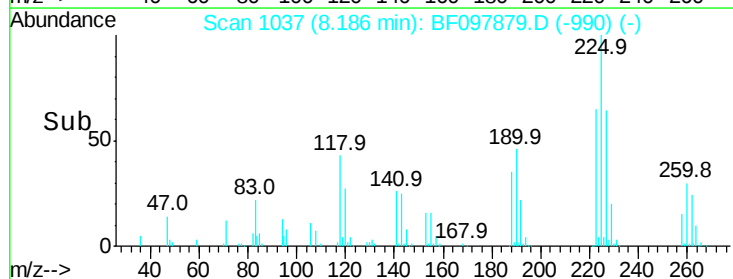
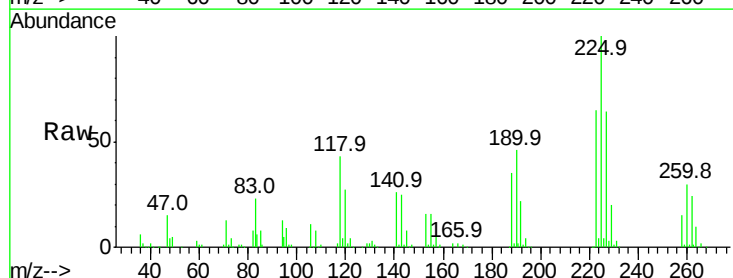
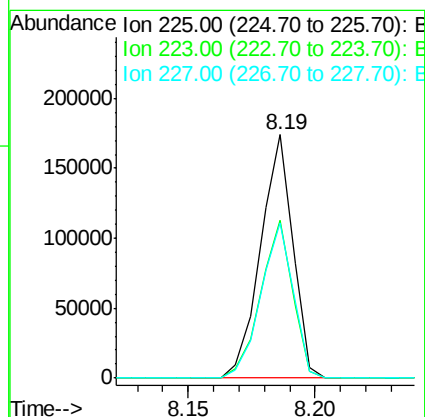
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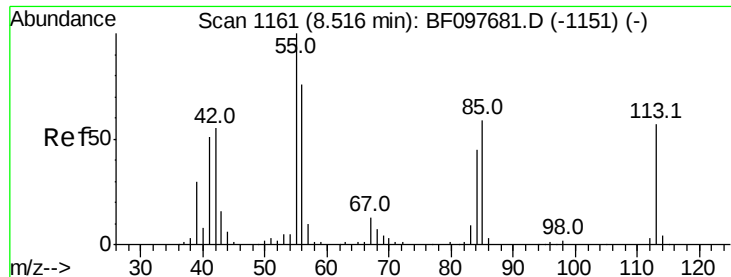
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#34
Hexachlorobutadiene
Concen: 28.961 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	48.8	73.2		
227	63.9	51.1	76.7		





#35

Caprolactam

Concen: 30.418 ng/mL

RT: 8.49 min Scan# 1088

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:113 Resp: 85604

Ion Ratio Lower Upper

113 100

55 175.9 150.2 190.2

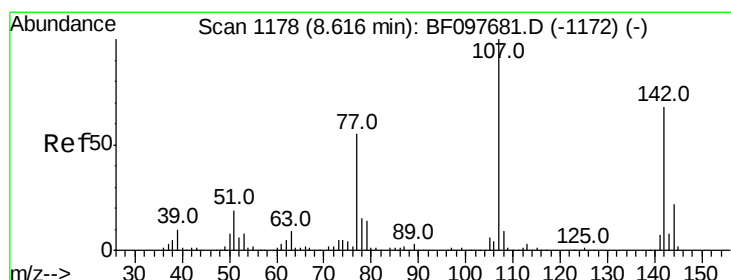
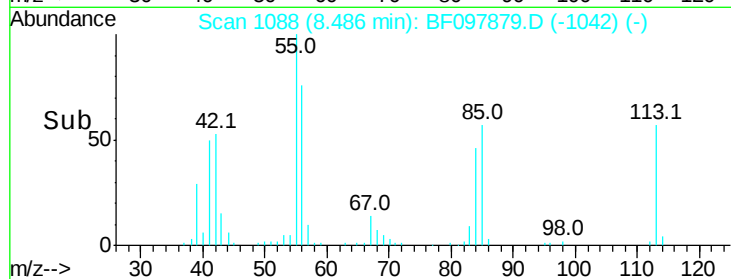
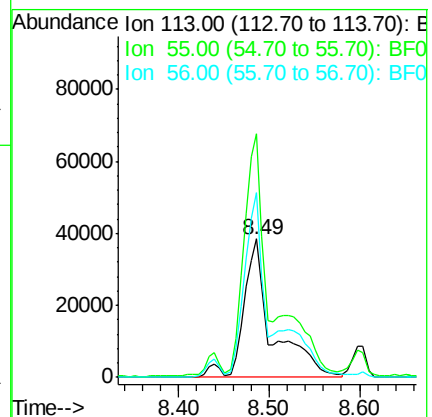
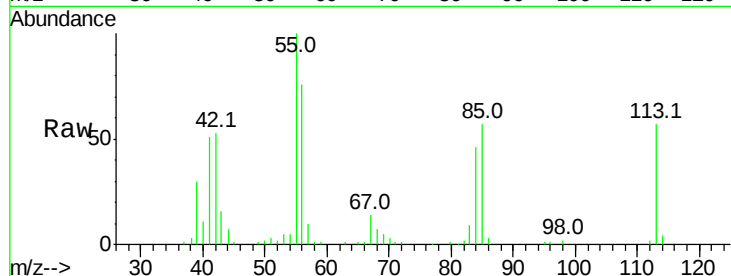
56 133.2 107.8 147.8

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 31.081 ng/mL

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

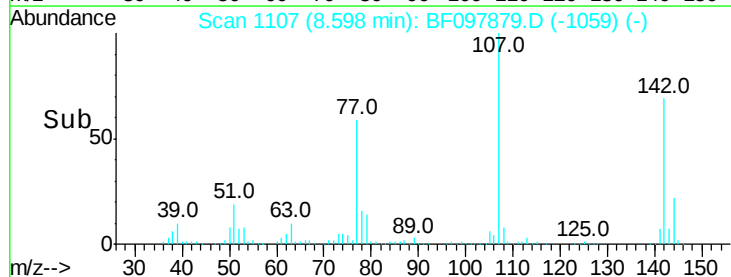
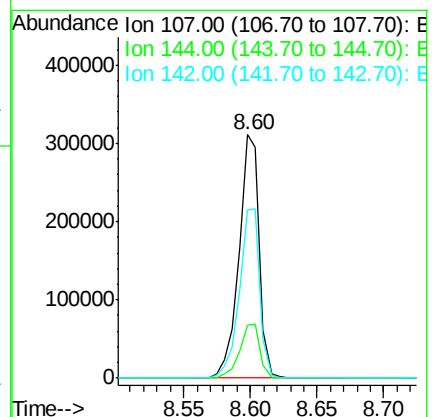
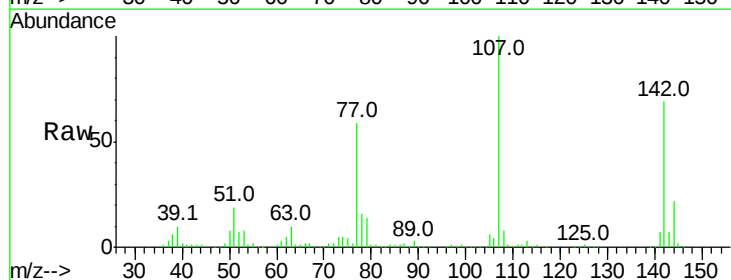
Tgt Ion:107 Resp: 330579

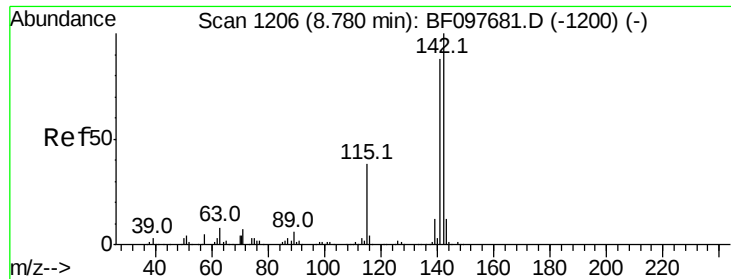
Ion Ratio Lower Upper

107 100

144 21.7 24.2 36.4#

142 68.8 73.4 110.0#





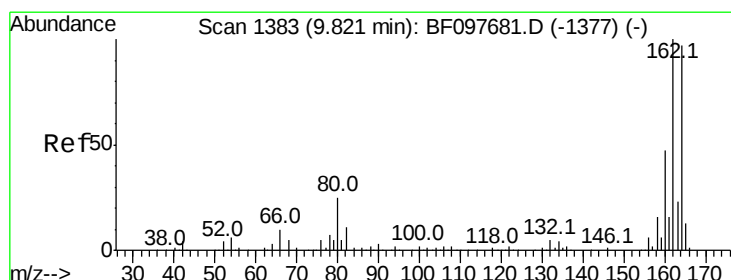
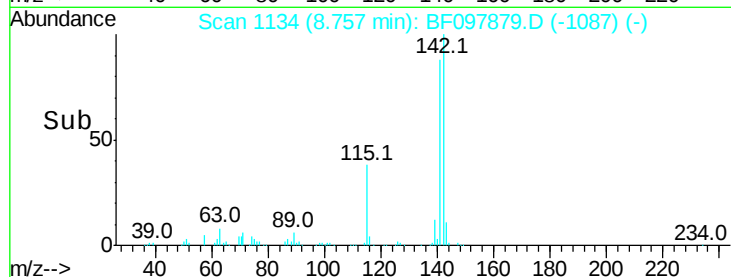
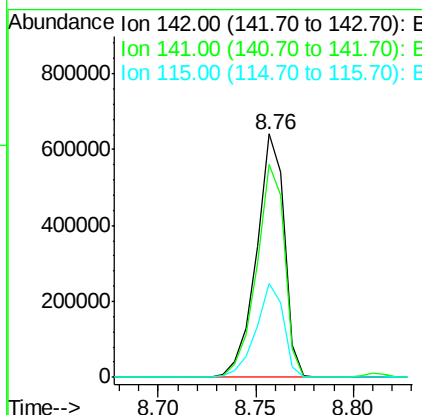
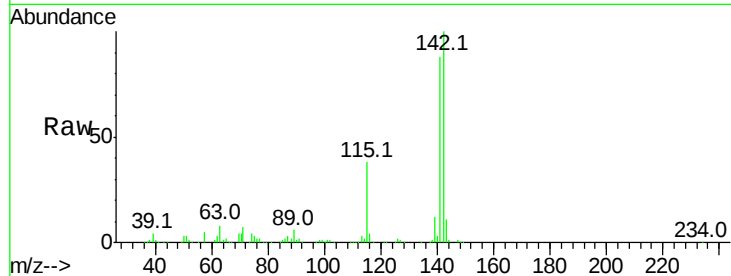
#37
2-Methylnaphthalene
Concen: 31.832 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	38.3	27.1	40.7

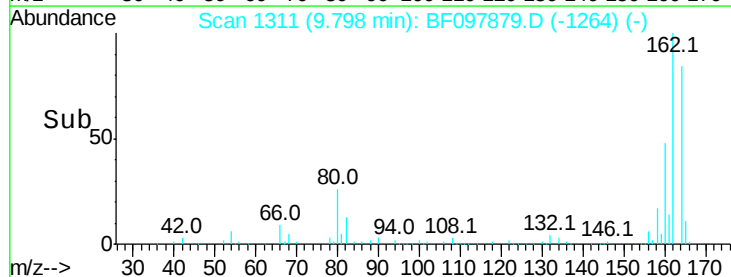
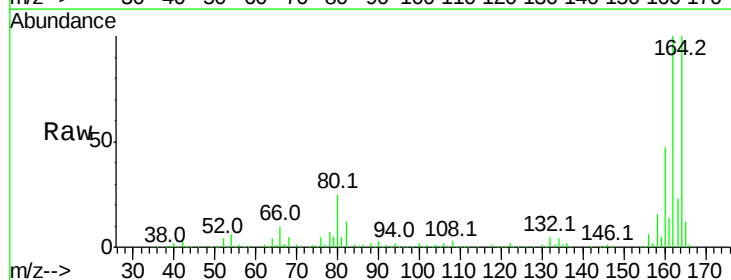
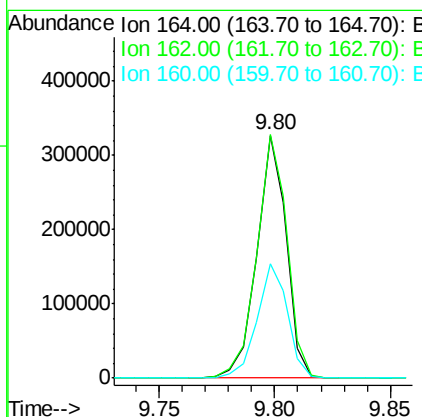
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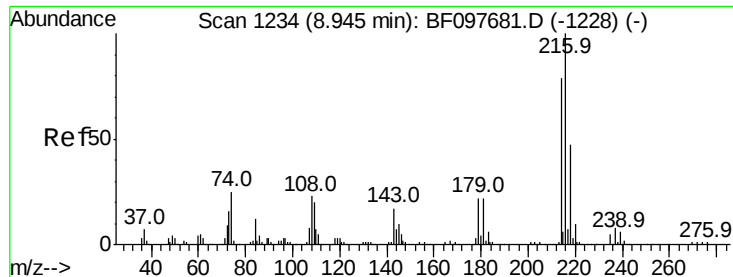
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	82.6	123.8
160	47.0	36.2	54.2





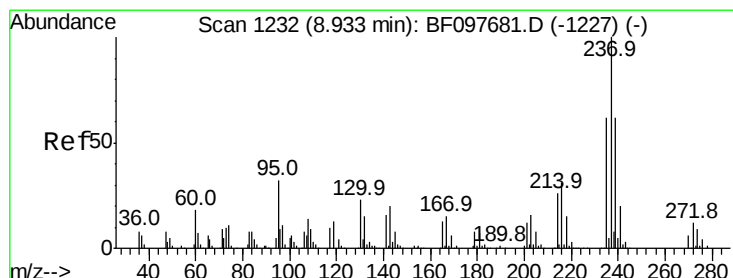
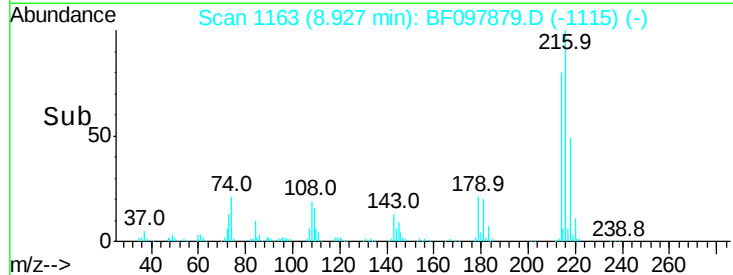
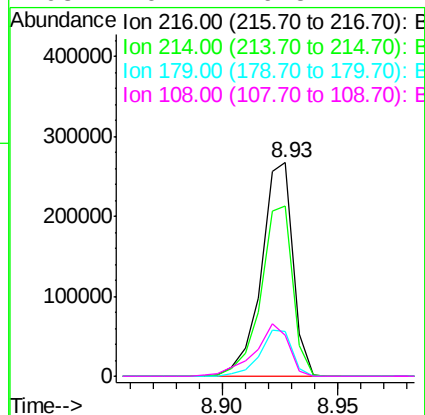
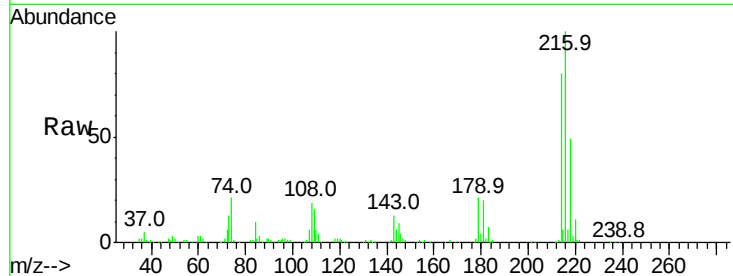
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 28.625 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.1	63.4	95.2
179	21.9	17.9	26.9
108	26.7	16.5	24.7

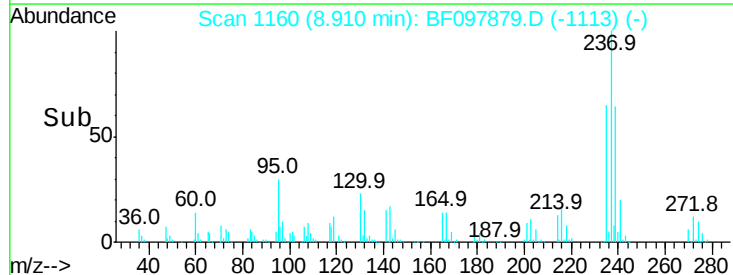
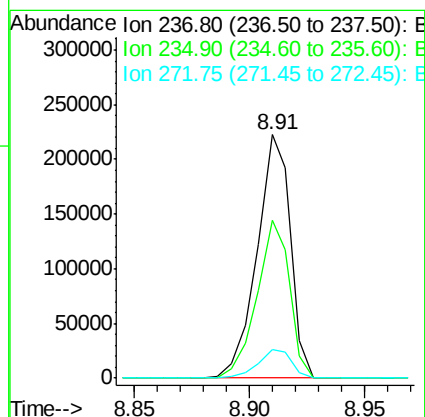
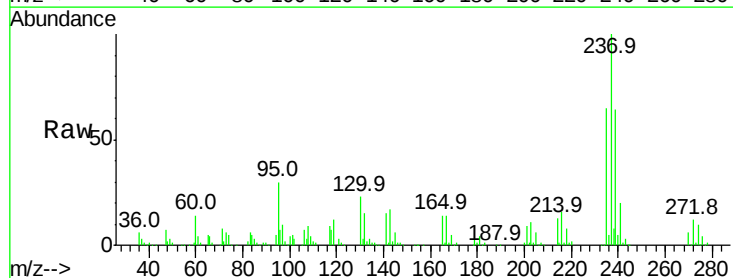
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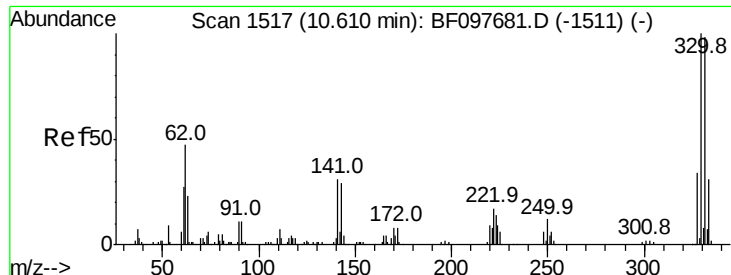
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#40
 Hexachlorocyclopentadiene
 Concen: 52.179 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.8	42.6	82.6
272	11.8	0.0	31.9





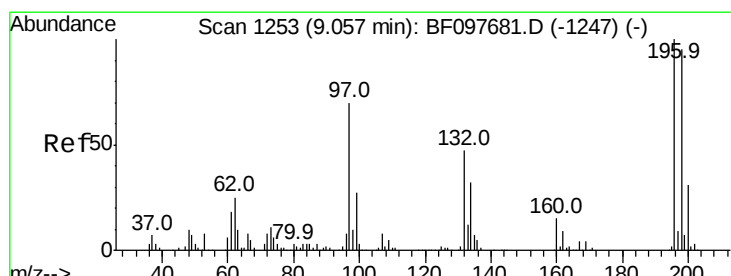
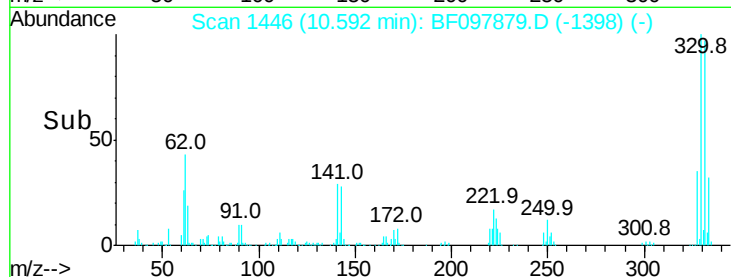
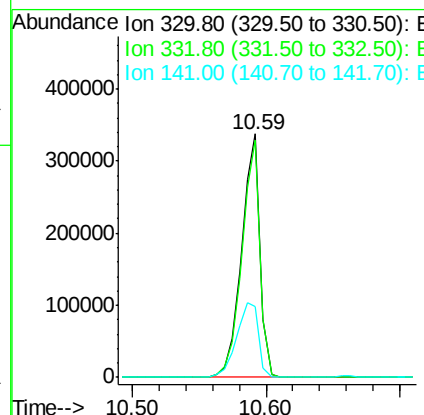
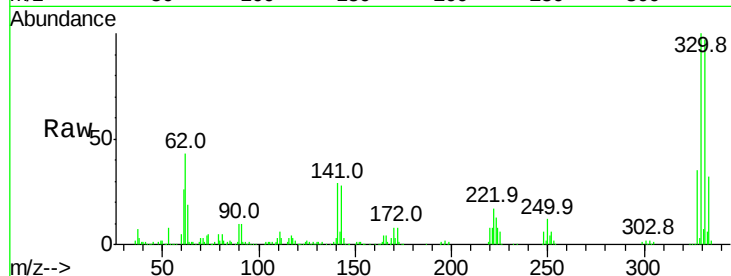
#41
 2,4,6-Tribromophenol
 Concen: 128.142 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.6	115.0	
141	37.0	31.4	47.2	

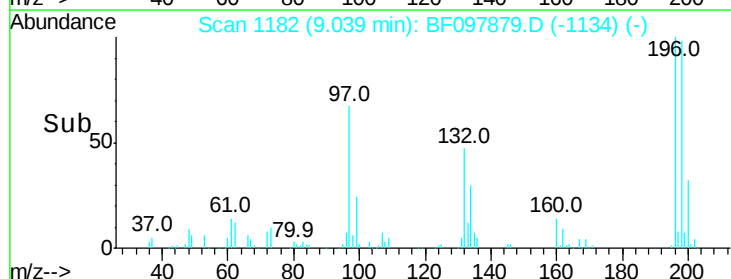
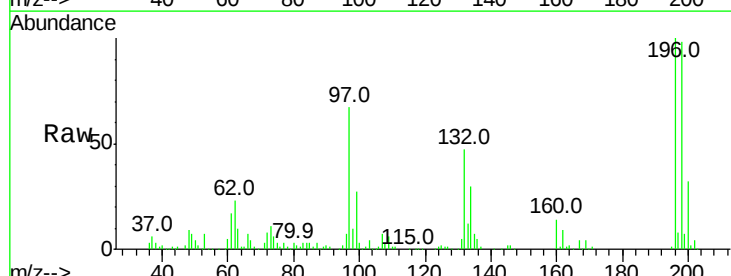
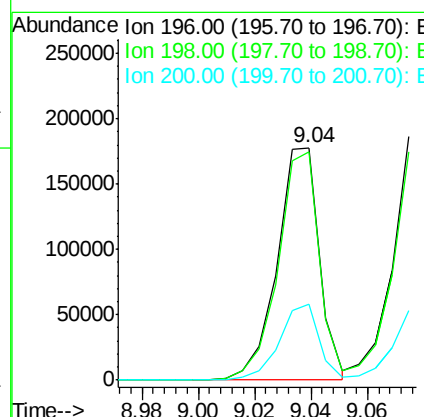
Manual Integrations
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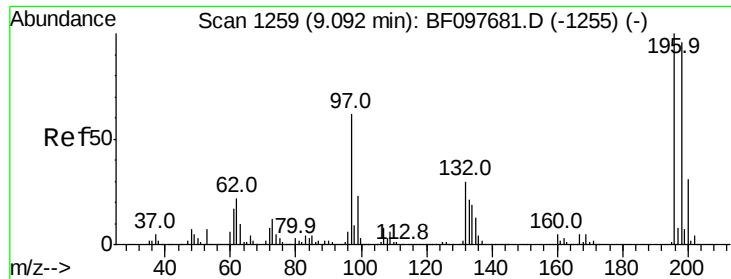
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 30.695 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.3	74.2	111.4	
200	32.4	24.0	36.0	





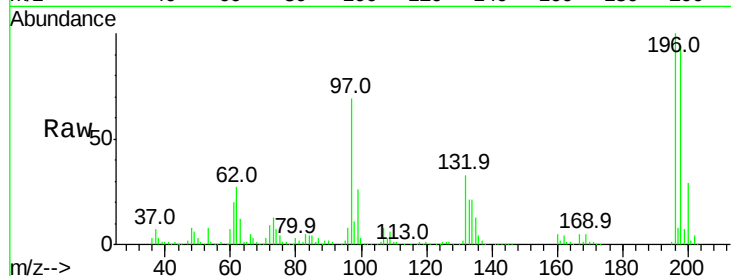
#43
 2,4,5-Trichlorophenol
 Concen: 32.440 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

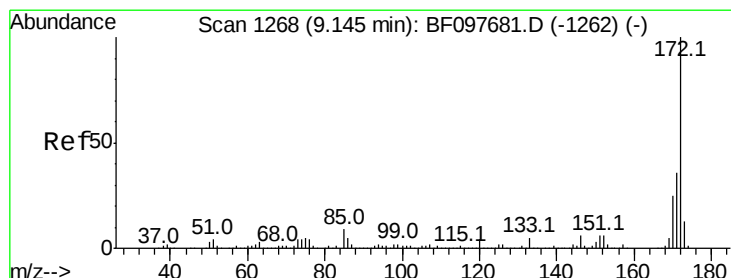
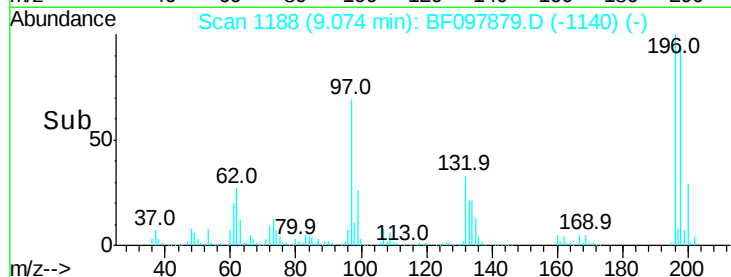
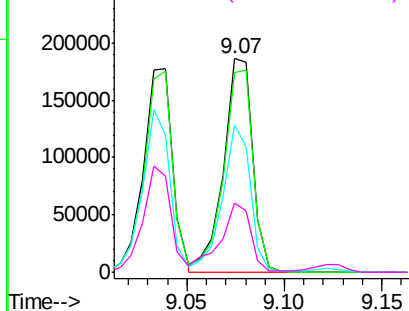
Tot Ion	196	Resp	193116
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.7	113.5
97	69.1	47.7	71.5
132	32.6	28.0	42.0

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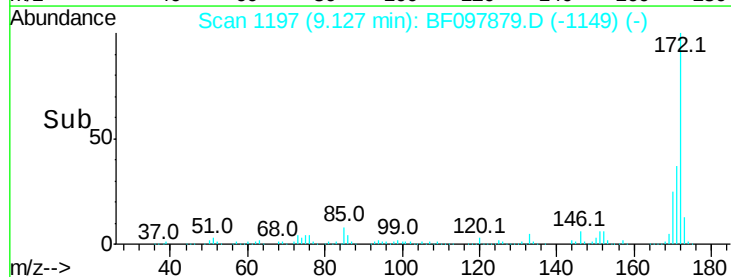
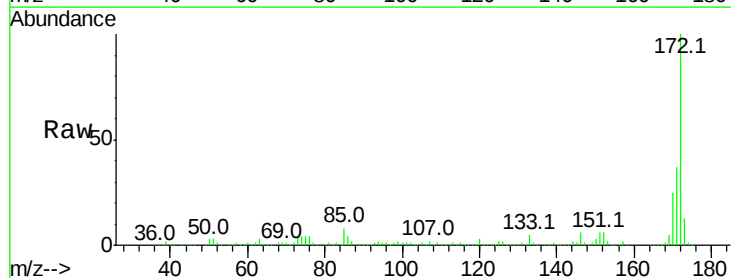
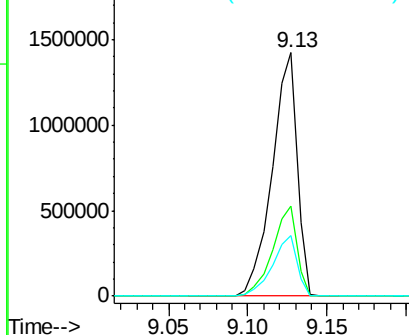
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

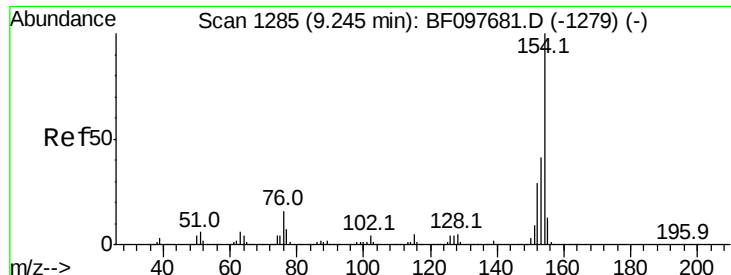


#44
 2-Fluorobiphenyl
 Concen: 79.052 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	172	Resp	1567016
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.6	44.4
170	25.1	19.8	29.8

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





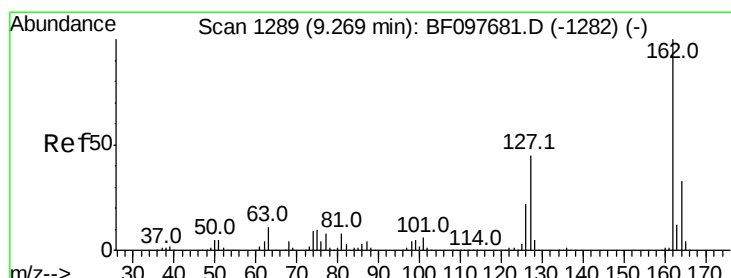
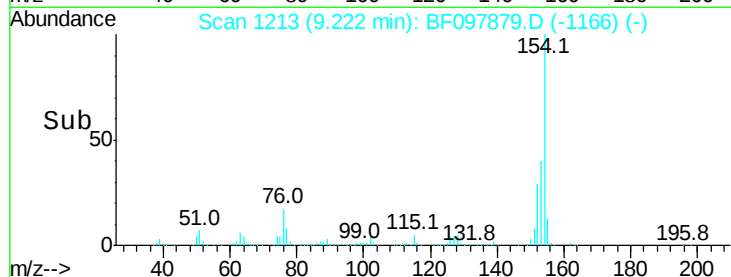
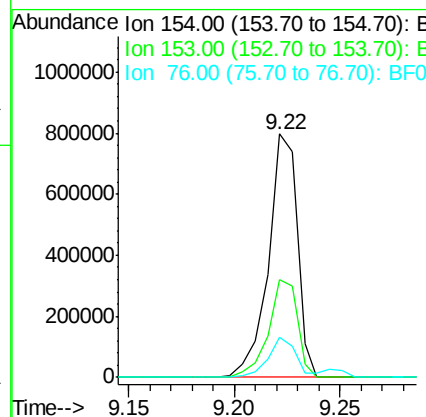
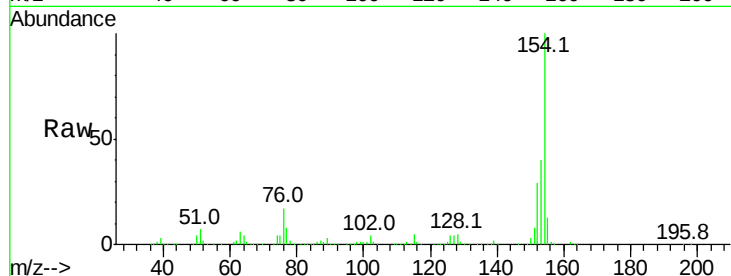
#45
1,1'-Biphenyl
Concen: 28.583 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampled :
PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.2	61.2	
76	16.6	0.0	29.9	

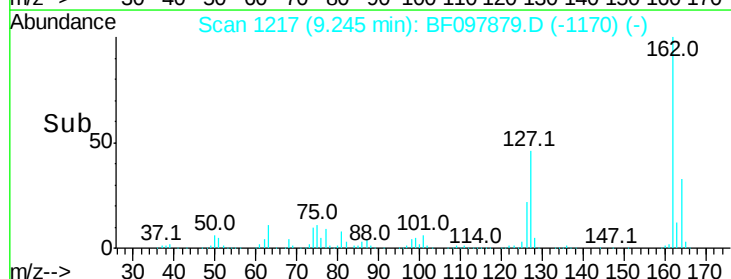
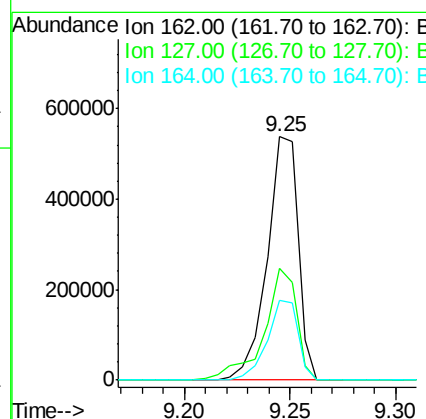
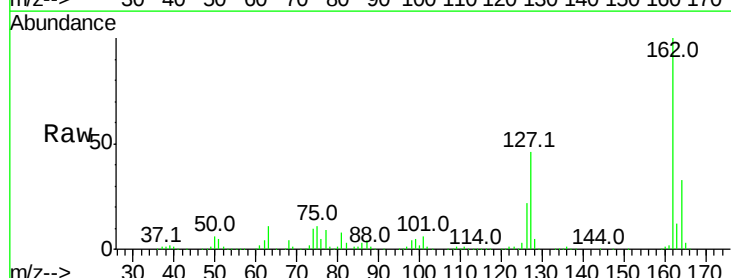
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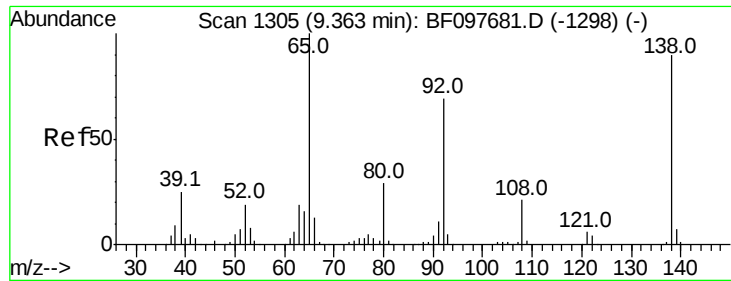
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#46
2-Chloronaphthalene
Concen: 28.074 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	45.7	28.3	42.5#	
164	32.7	27.0	40.4	





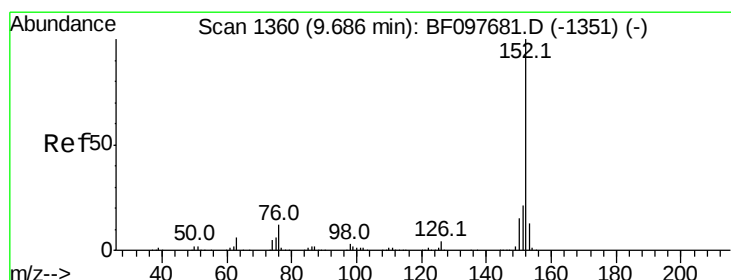
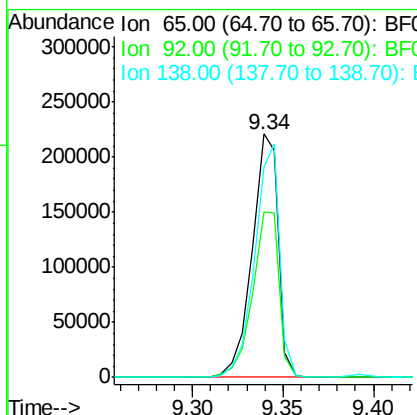
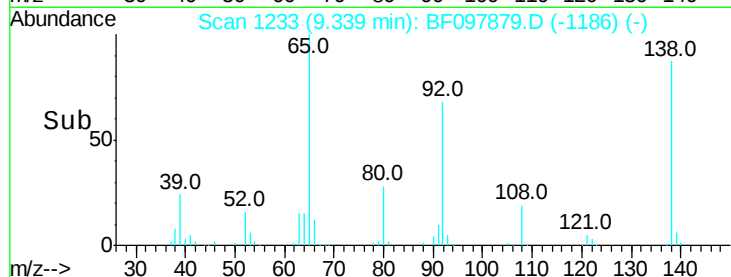
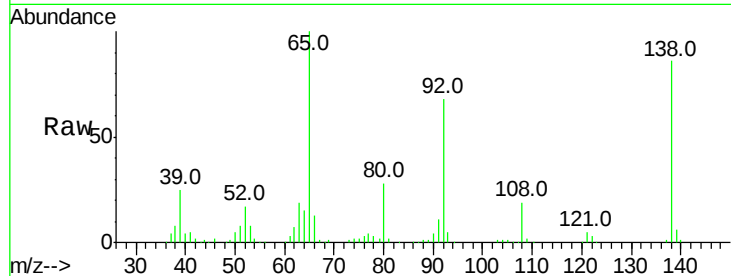
#47
 2-Nitroaniline
 Concen: 33.605 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion:	65	Resp:	221070
Ion Ratio	Lower	Upper	
65	100		
92	67.9	53.9	80.9
138	86.3	78.8	118.2

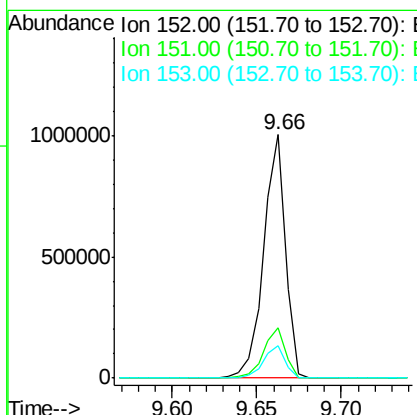
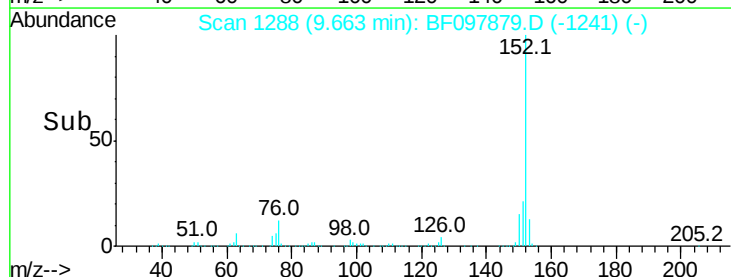
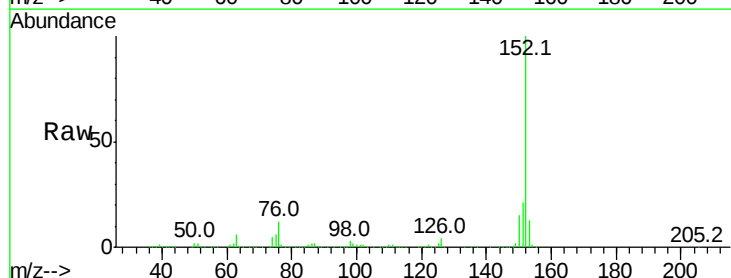
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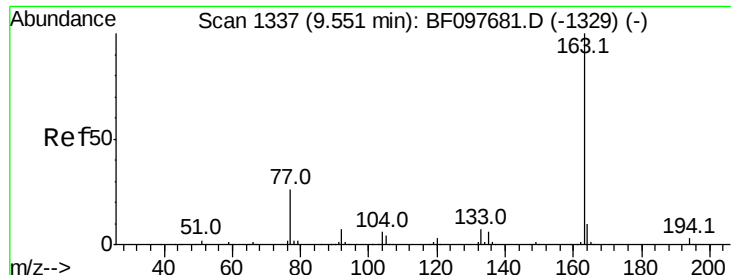
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#48
 Acenaphthylene
 Concen: 29.109 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion:	152	Resp:	896999
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.2	10.8	16.2





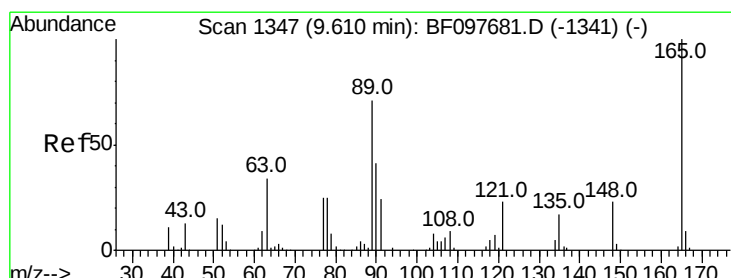
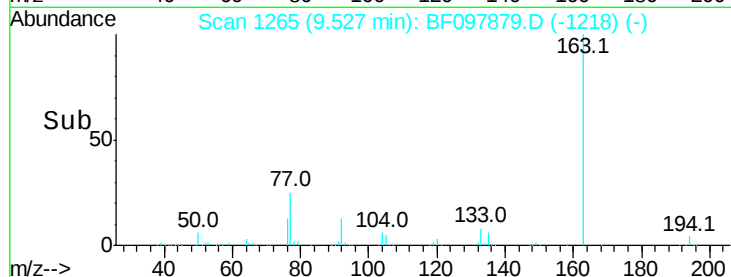
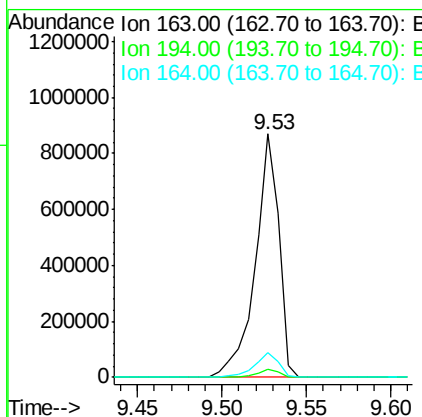
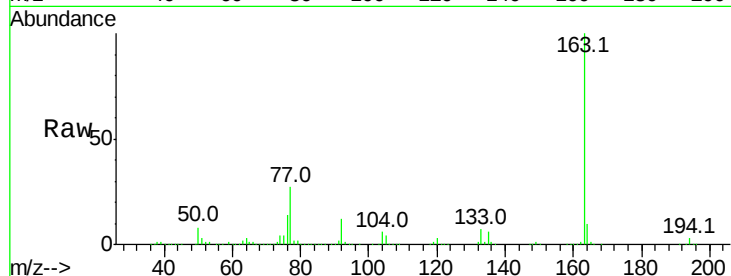
#49
 Dimethylphthalate
 Concen: 39.872 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

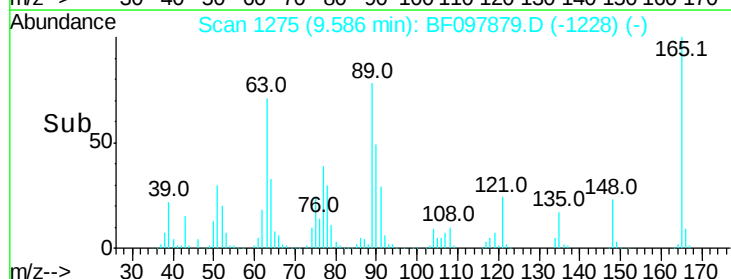
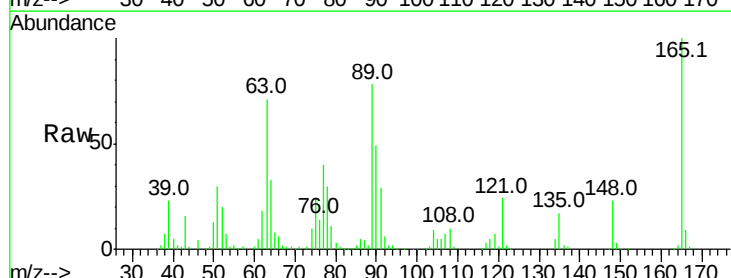
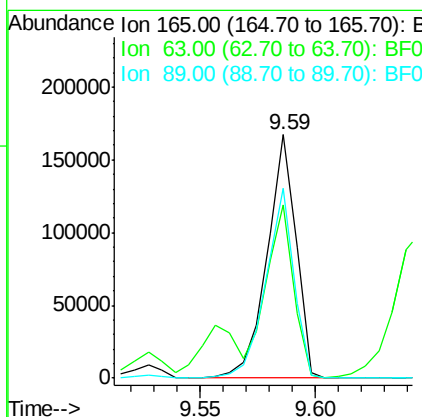
Manual Integrations
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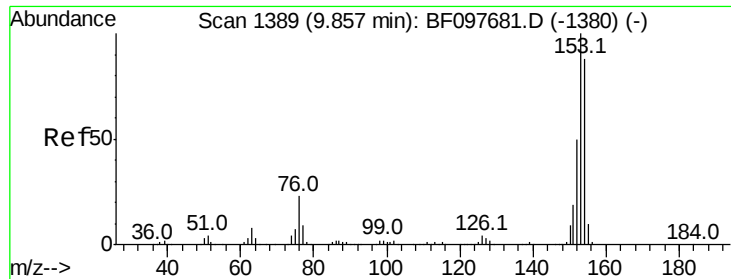
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#50
 2,6-Dinitrotoluene
 Concen: 34.319 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.3	34.3	51.5#	
89	78.2	37.1	55.7#	





#51

Acenaphthene

Concen: 28.048 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

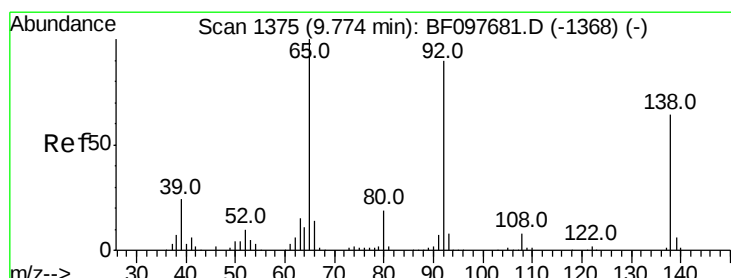
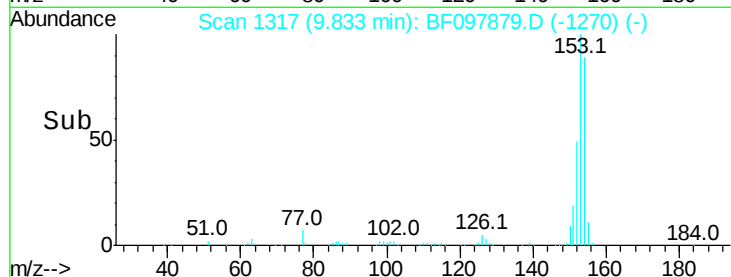
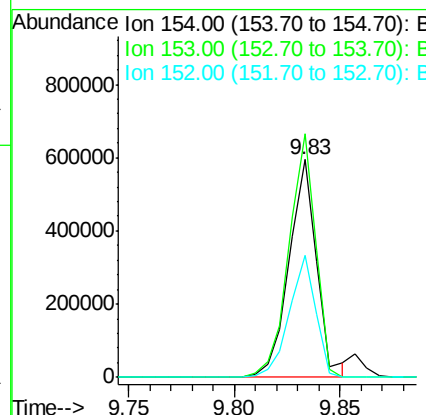
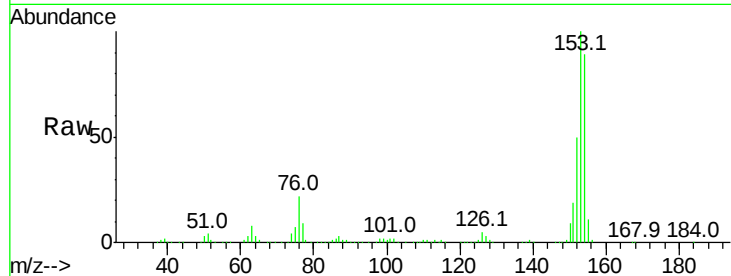
ClientSampleId :

PI-2(3)MSD

Tot Ion:	154	Resp:	545095
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.5	135.7
152	55.9	43.6	65.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 21.131 ng

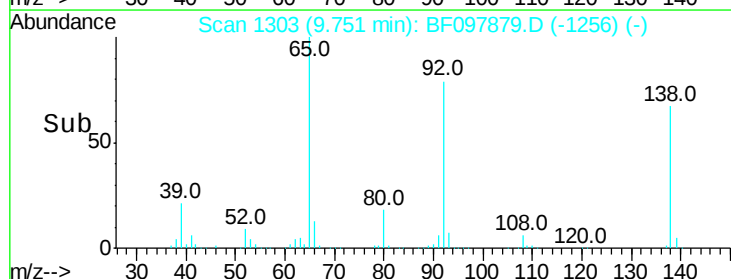
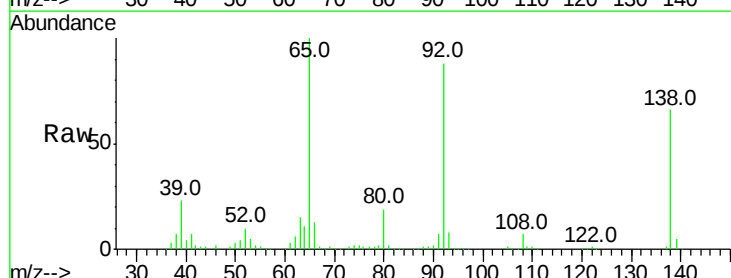
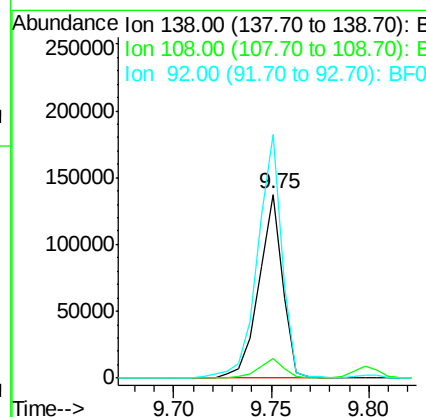
RT: 9.75 min Scan# 1303

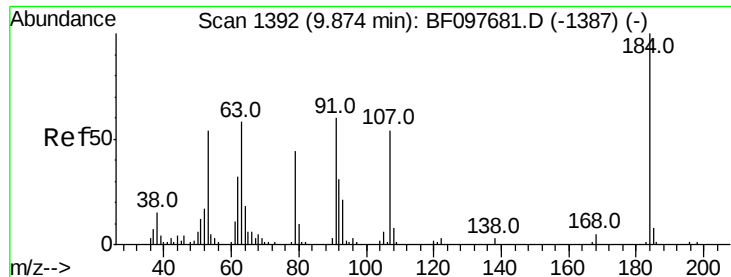
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:	138	Resp:	115849
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.1	13.7
92	132.5	93.8	140.6





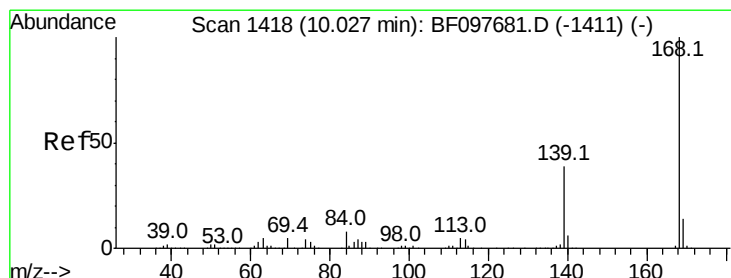
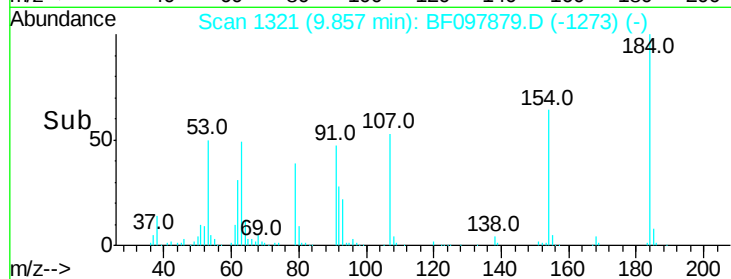
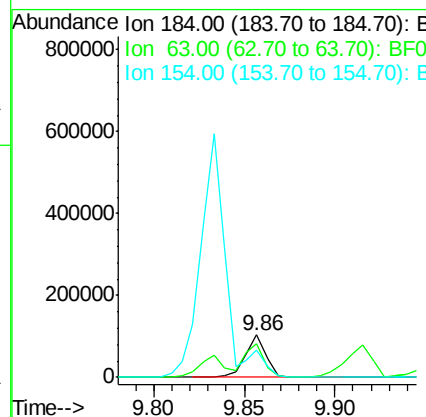
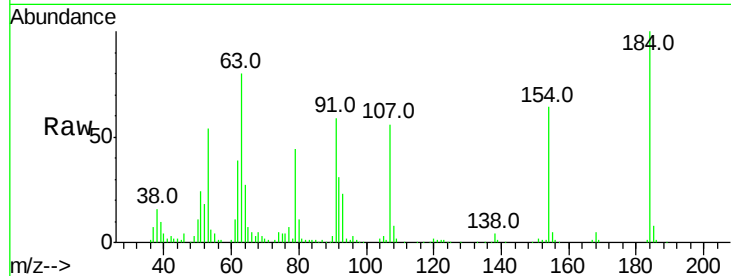
#53
 2,4-Dinitrophenol
 Concen: 45.245 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	81257		
63	79.6	62.7	94.1	
154	63.5	81.1	121.7#	

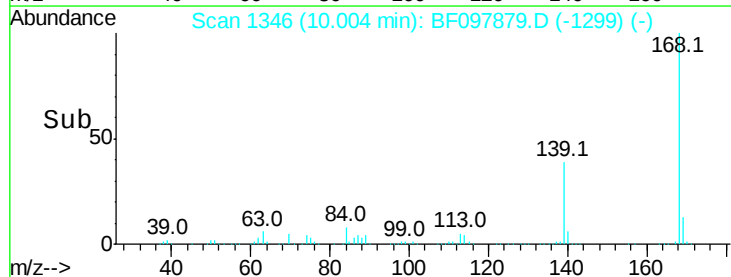
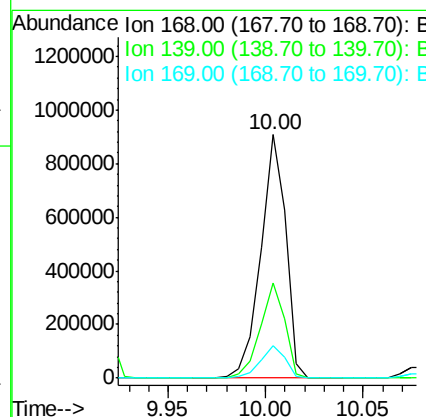
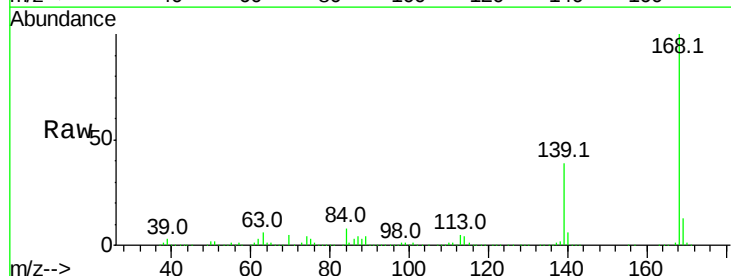
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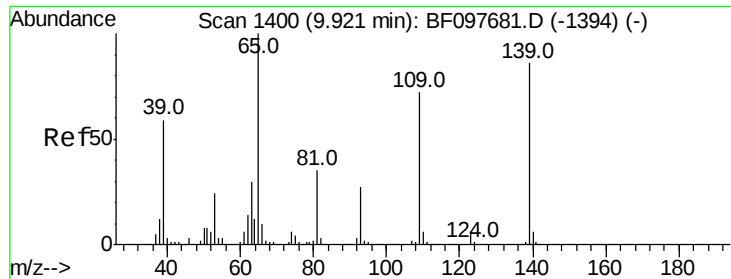
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#54
 Dibenzofuran
 Concen: 30.922 ng
 RT: 10.00 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	805412		
139	39.1	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 54.457 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:139 Resp: 238167

Ion Ratio Lower Upper

139 100

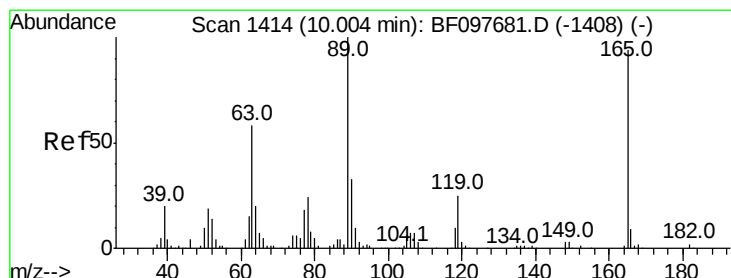
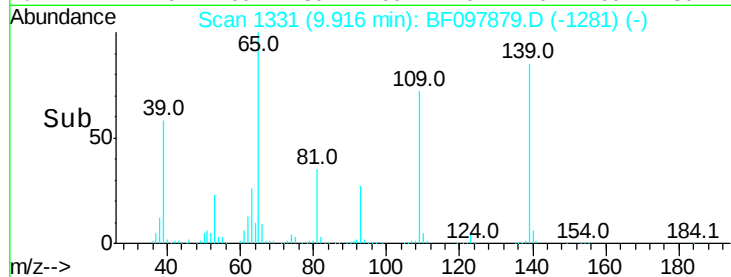
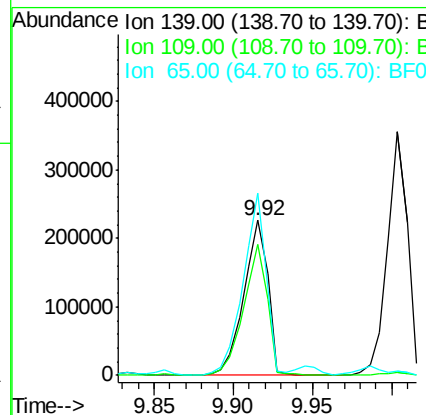
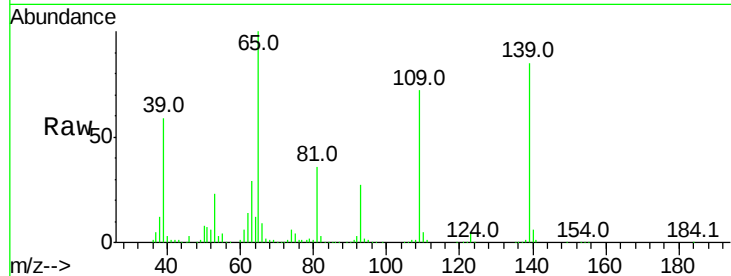
109 84.8 34.1 74.1#

65 117.5 31.4 71.4#

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#56

2,4-Dinitrotoluene

Concen: 35.590 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:165 Resp: 189794

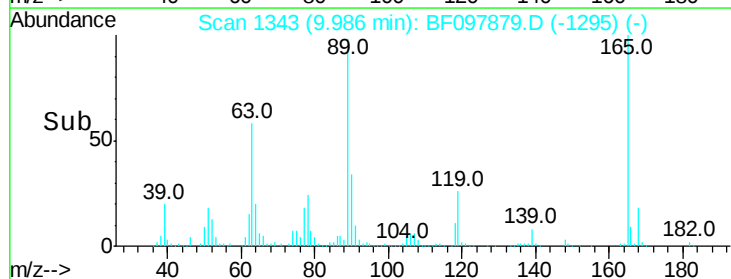
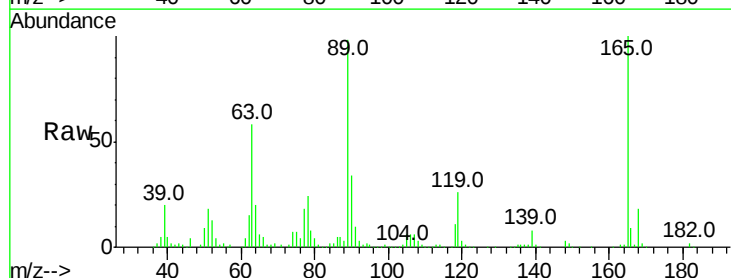
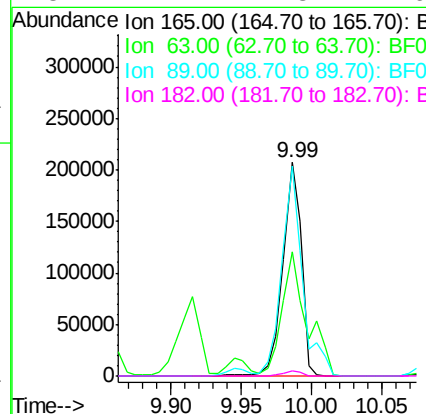
Ion Ratio Lower Upper

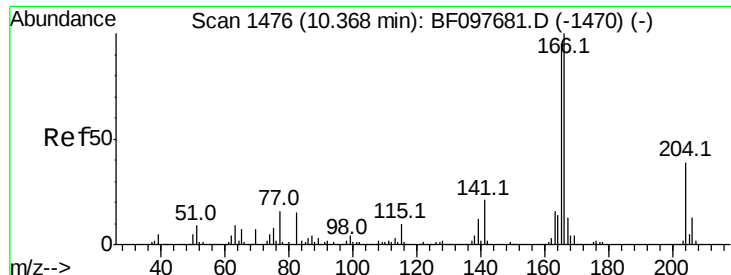
165 100

63 58.3 25.4 38.0#

89 98.4 46.4 69.6#

182 2.2 1.8 2.6





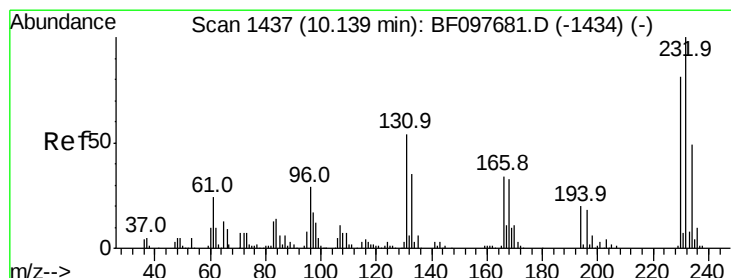
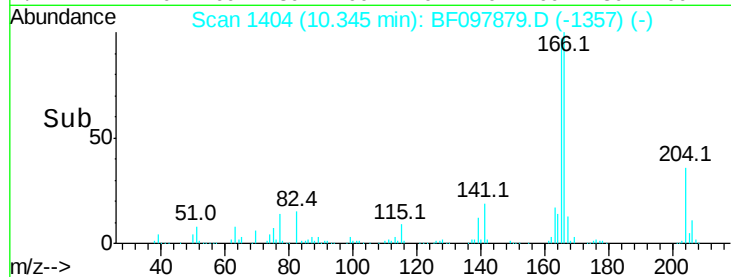
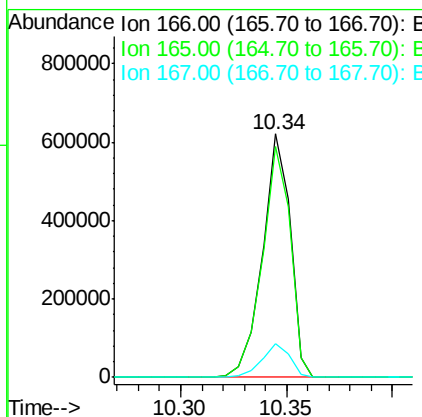
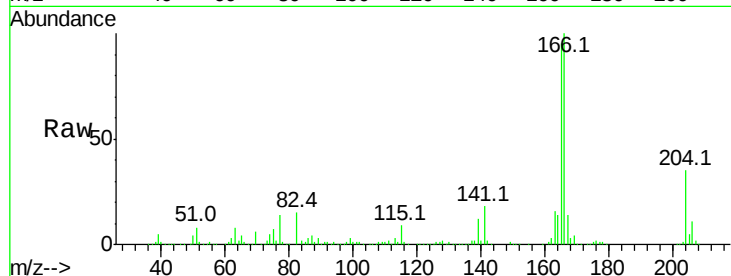
#57
Fluorene
 Concen: 28.401 ng
 RT: 10.34 min Scan# 1404
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	571948		
165	94.9	78.8	118.2	
167	13.8	10.6	16.0	

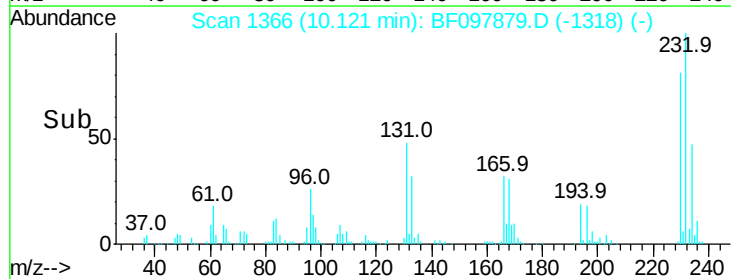
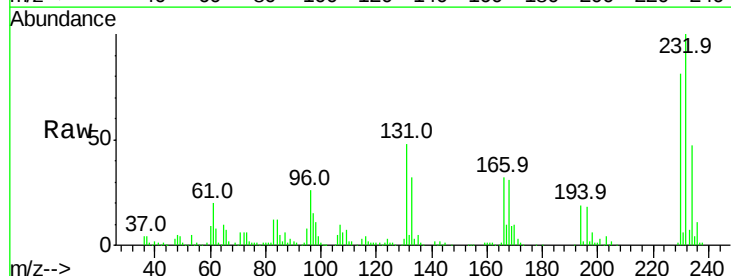
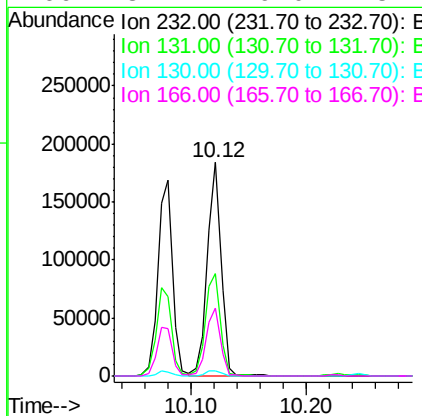
Manual Integrations
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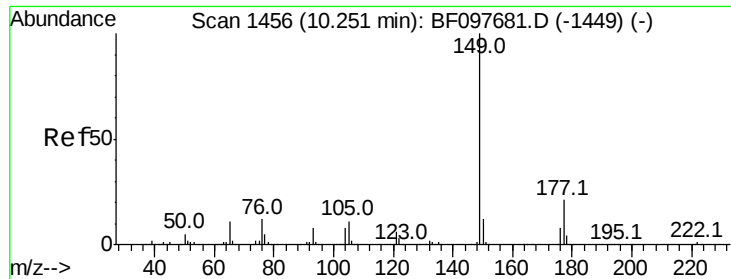
Sohil
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.683 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	155247		
131	51.0	44.8	67.2	
130	2.8	2.3	3.5	
166	32.4	29.0	43.4	





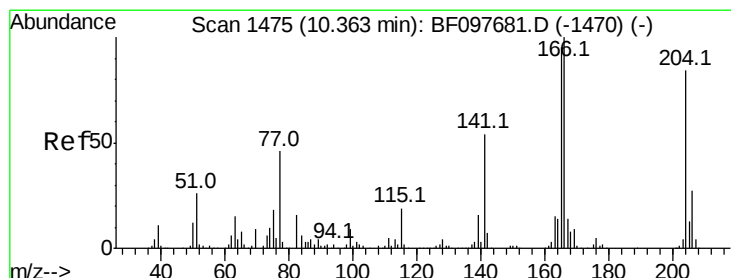
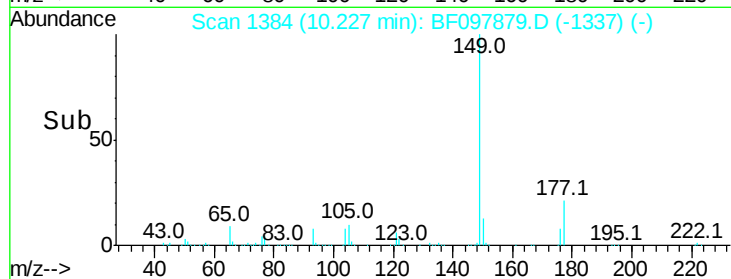
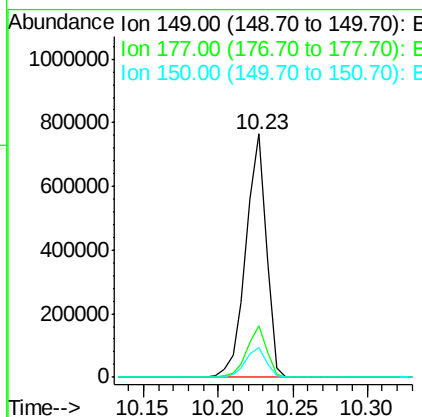
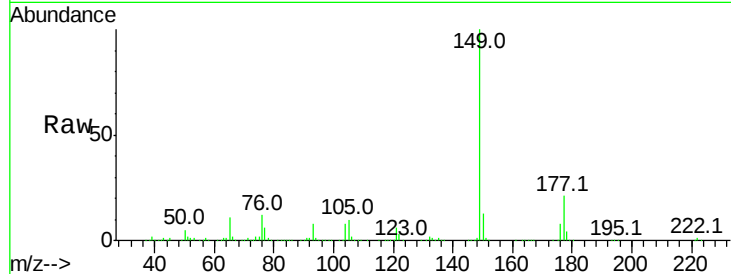
#59
Diethylphthalate
Concen: 32.577 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.5	10.2	15.2

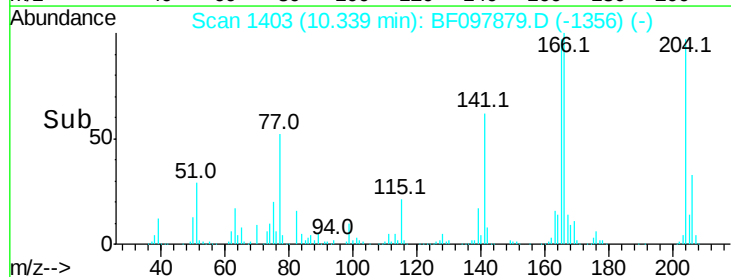
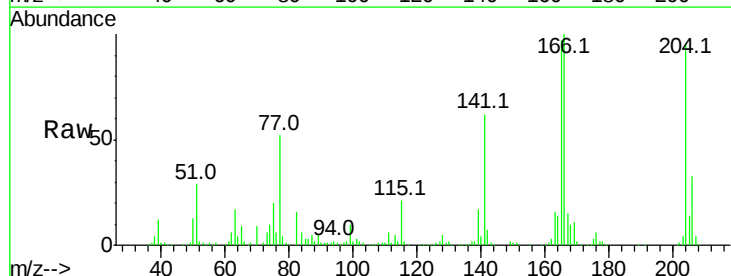
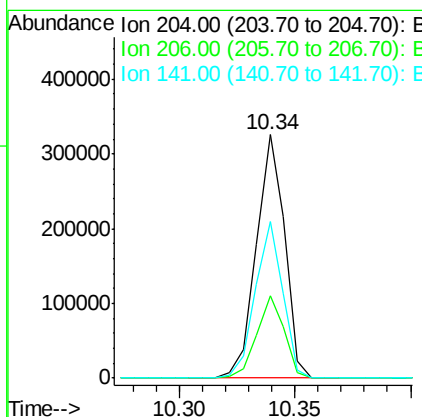
Manual Integrations
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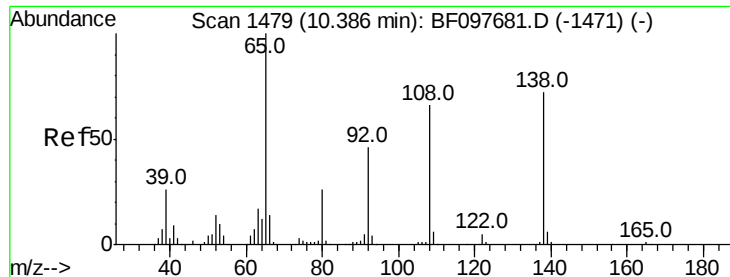
Sohil
8/21/2017 5:19:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.799 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.2	39.2
141	64.2	60.8	91.2





#61

4-Nitroaniline

Concen: 28.030 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:138 Resp: 146058

Ion Ratio Lower Upper

138 100

92 62.9 21.8 61.8#

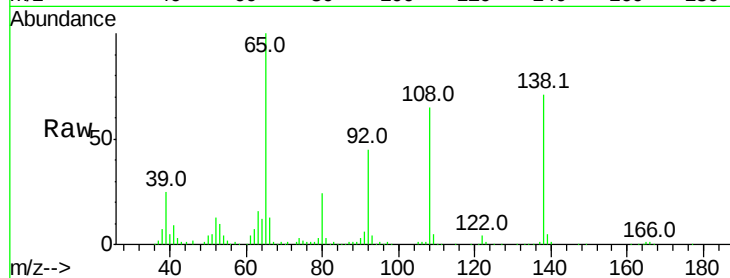
108 91.4 42.3 82.3#

Manual Integrations

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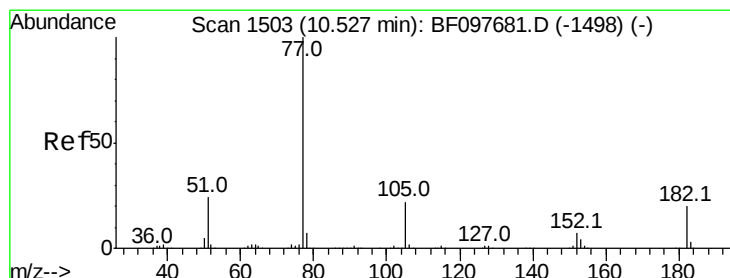
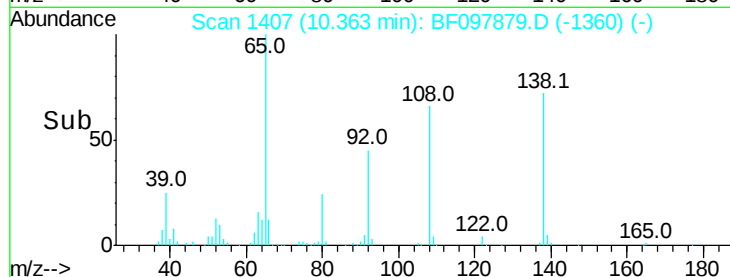
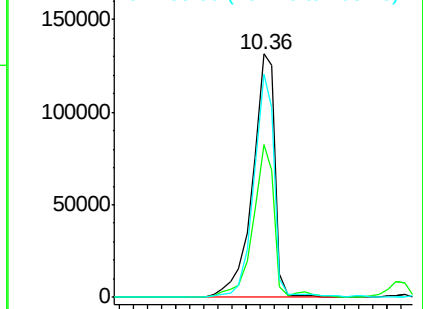
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.748 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion: 77 Resp: 839547

Ion Ratio Lower Upper

77 100

182 16.6 0.1 40.1

105 20.7 3.6 43.6

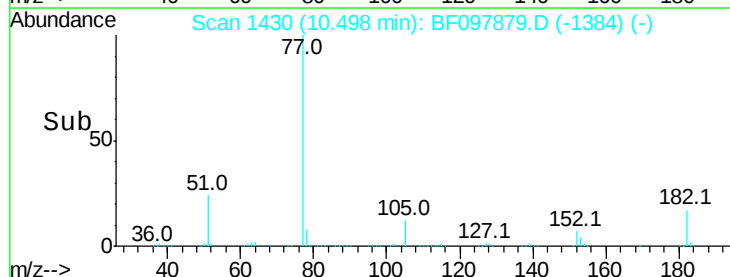
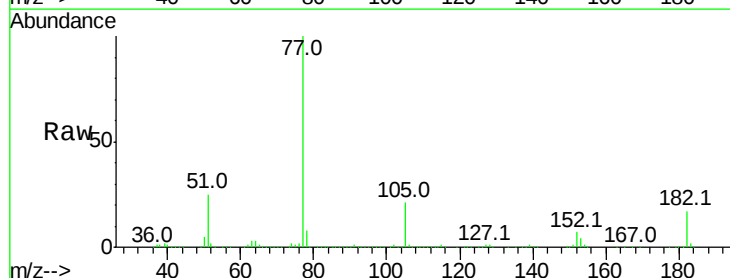
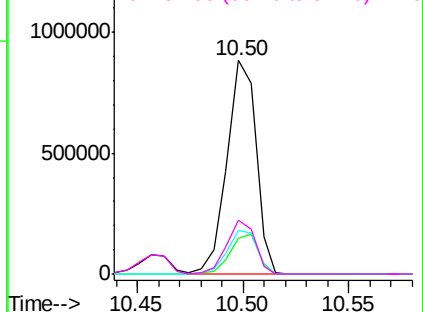
51 25.0 9.4 49.4

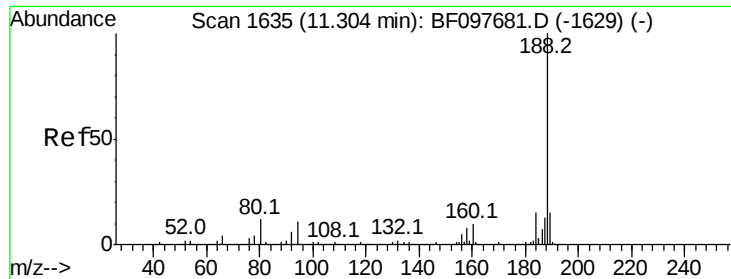
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





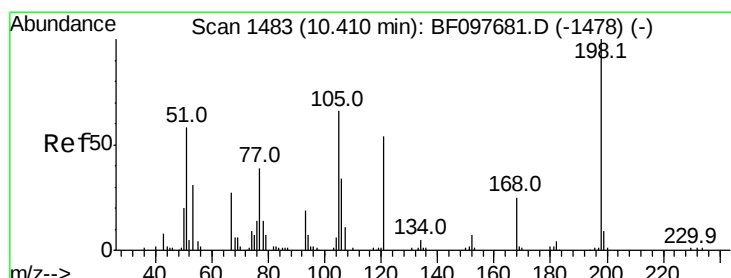
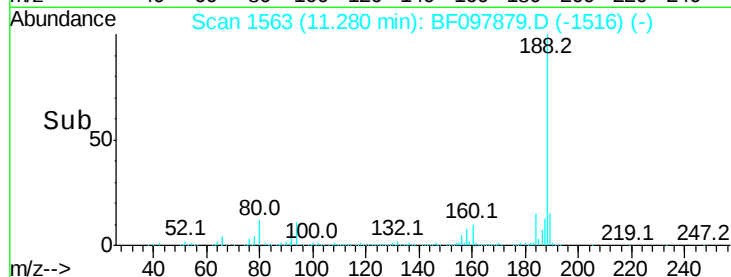
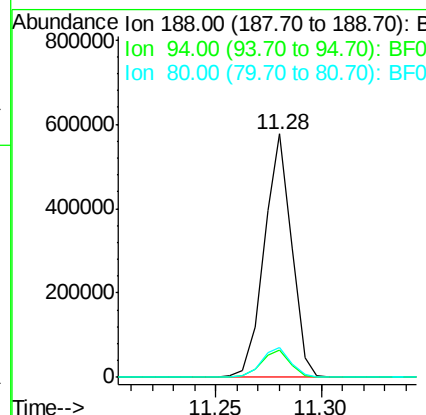
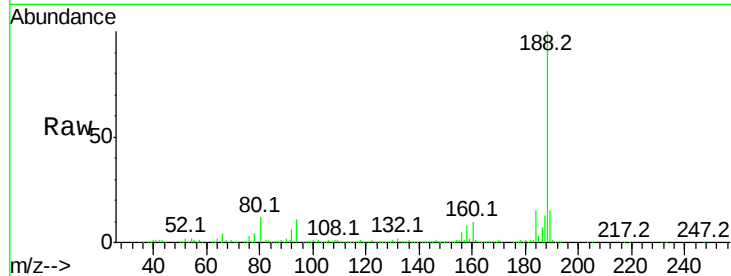
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.3	9.4	14.2
80	12.4	10.2	15.2

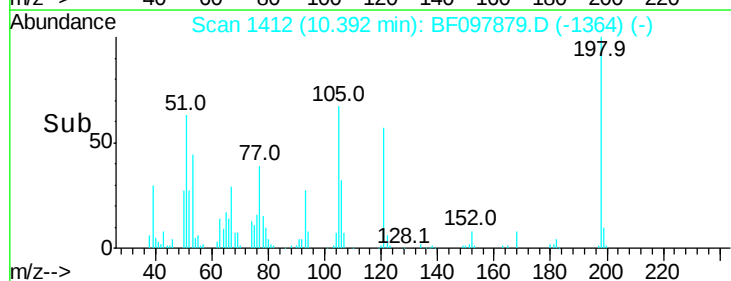
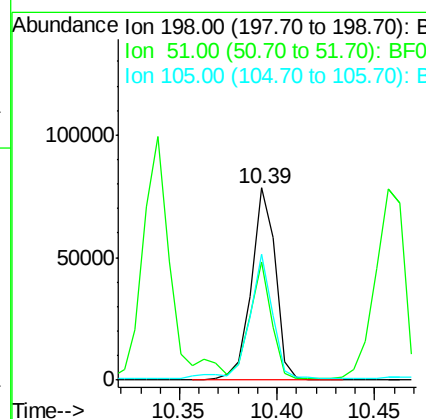
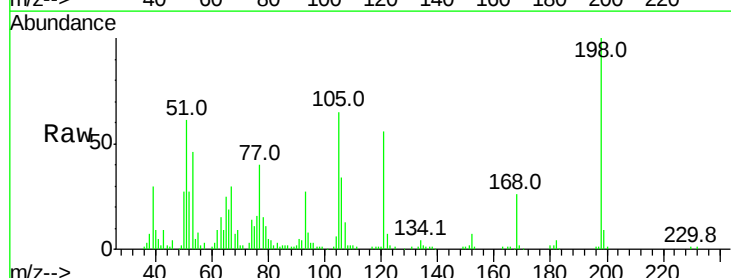
Manual Integrations
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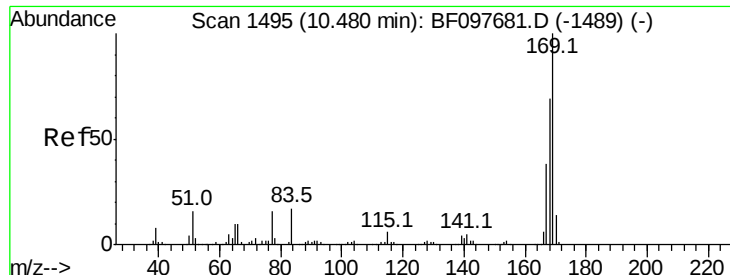
Sohil
8/21/2017 5:19:56 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.112 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.4	53.2	93.2
105	65.2	45.8	85.8





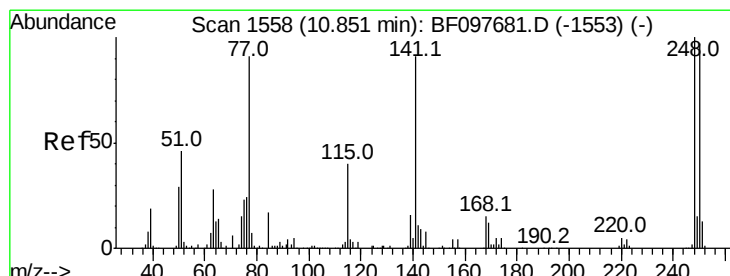
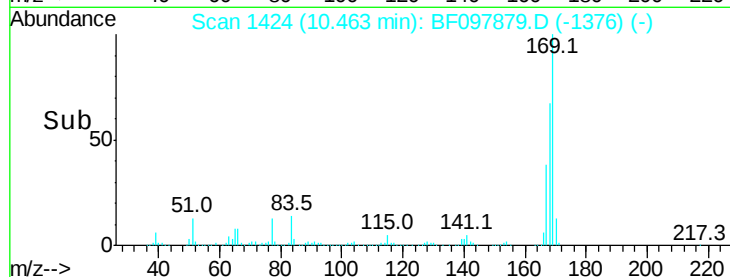
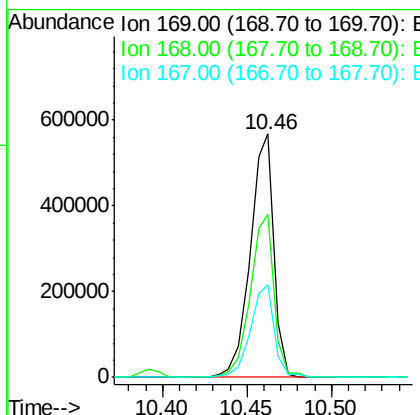
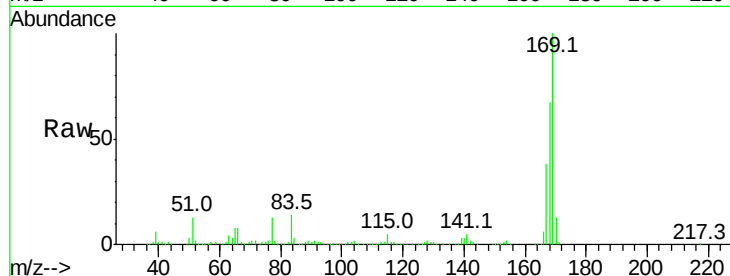
#65
 n-Nitrosodiphenylamine
 Concen: 31.210 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	551505		
168	66.8	53.2	79.8	
167	37.9	29.5	44.3	

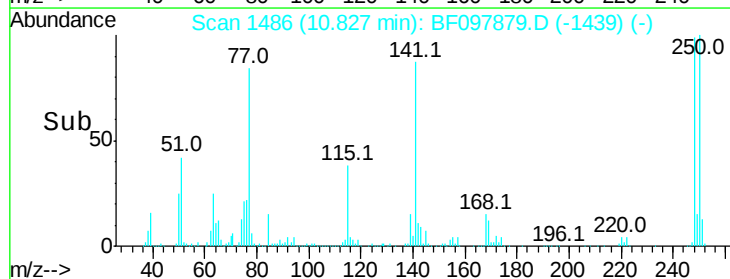
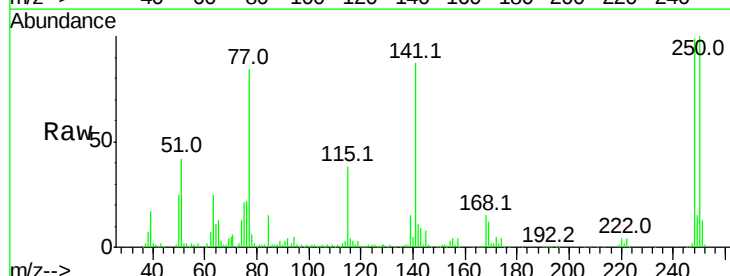
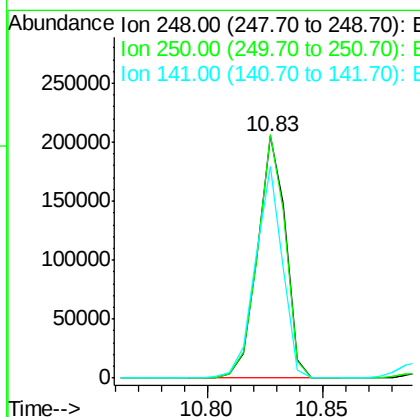
Manual Integrations
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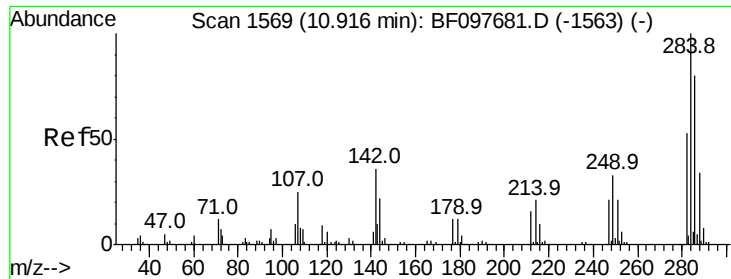
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#66
 4-Bromophenyl-phenylether
 Concen: 32.354 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	174346		
250	100.7	76.8	115.2	
141	87.6	68.6	103.0	





#67

Hexachlorobenzene

Concen: 29.344 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

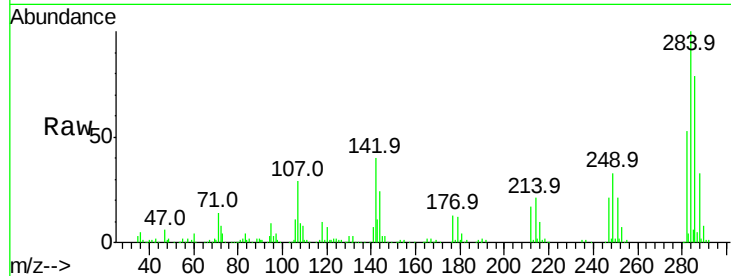
ClientSampleId :

PI-2(3)MSD

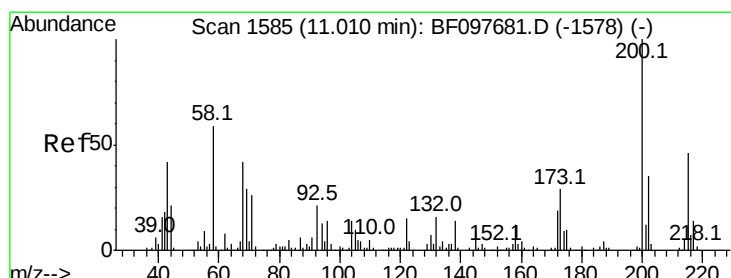
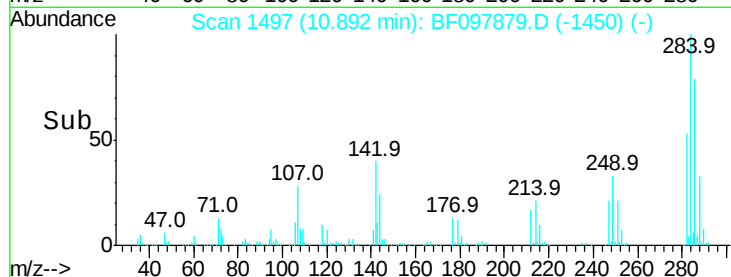
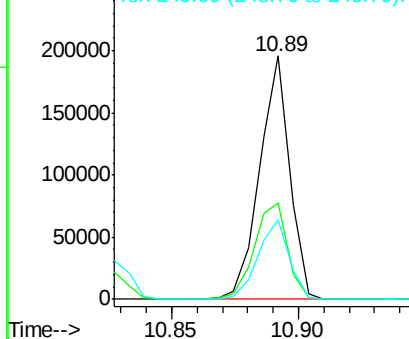
Tot Ion:	284	Resp:	161172
Ion Ratio		Lower	Upper
284	100		
142	39.8	22.8	34.2#
249	32.9	24.0	36.0

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



#68

Atrazine

Concen: 37.411 ng

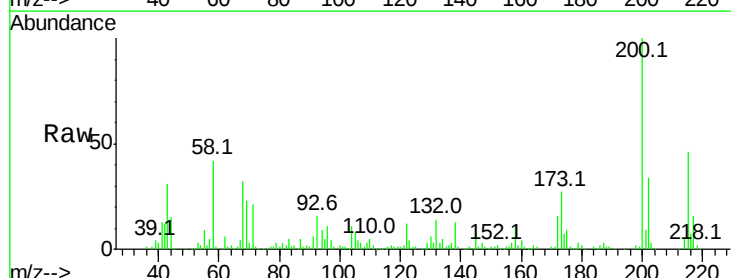
RT: 10.99 min Scan# 1514

Delta R.T. -0.02 min

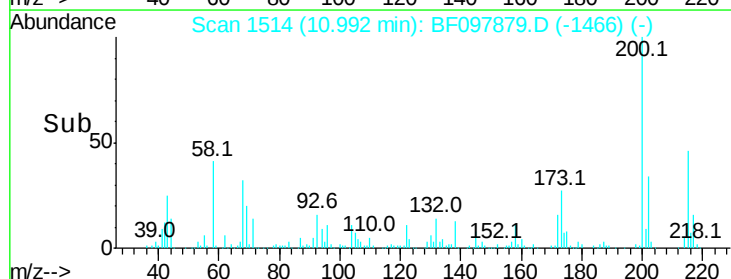
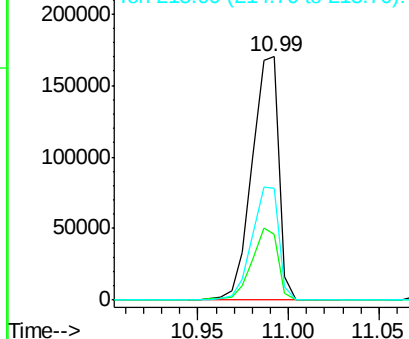
Lab File: BF097879.D

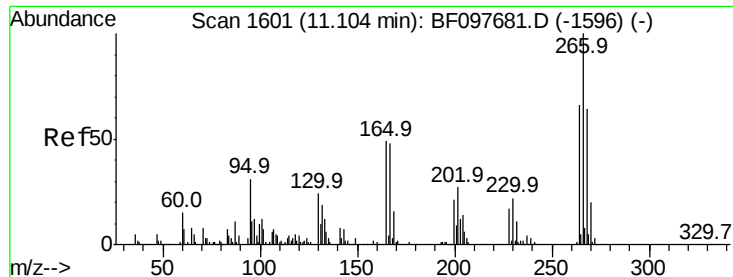
Acq: 19 Aug 2017 15:25

Tgt Ion:	200	Resp:	175317
Ion Ratio		Lower	Upper
200	100		
173	27.1	6.3	46.3
215	46.1	27.2	67.2



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





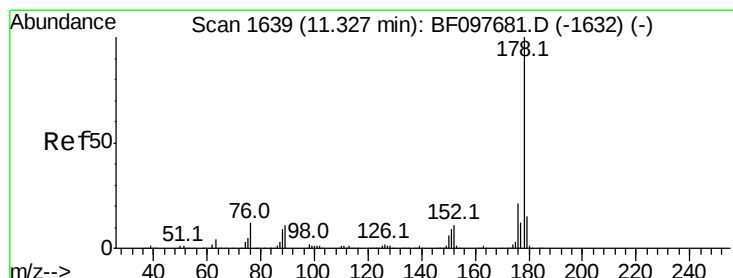
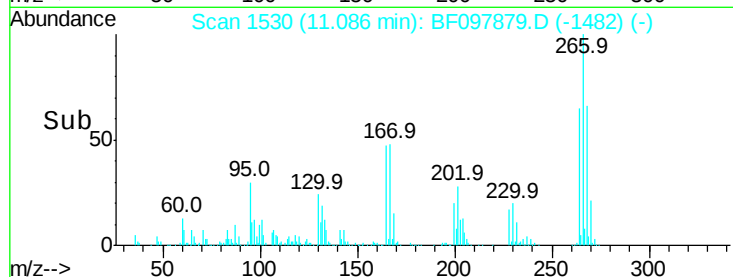
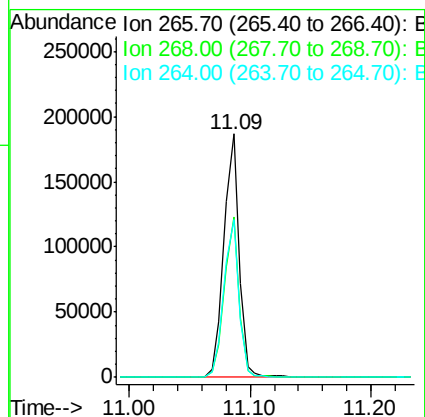
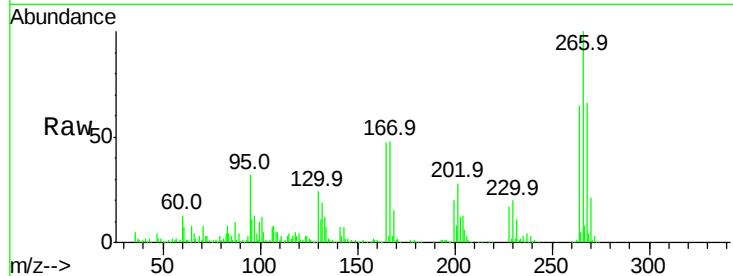
#69
 Pentachlorophenol
 Concen: 51.038 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	163443		
268	65.9	51.1	76.7	
264	65.0	51.7	77.5	

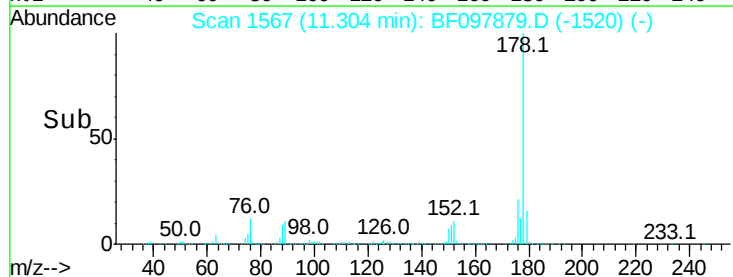
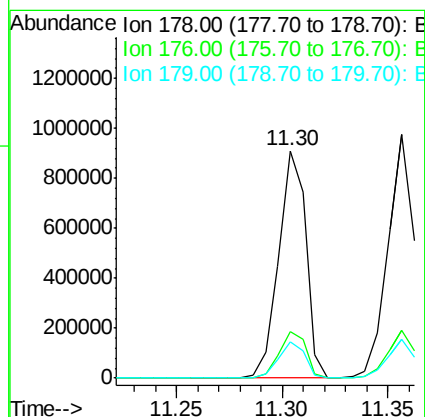
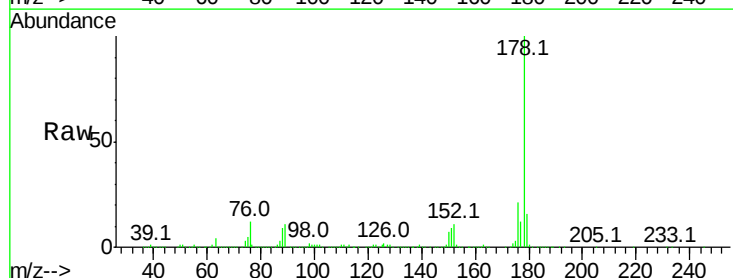
Manual Integrations
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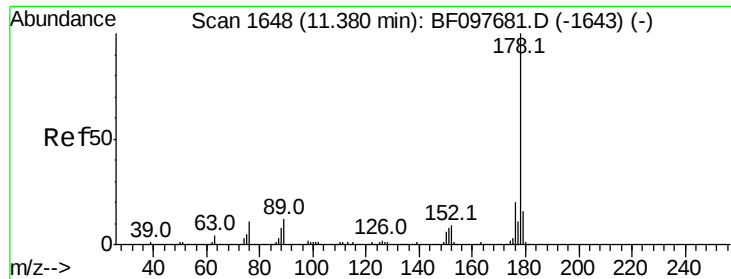
Sohil
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#70
 Phenanthrene
 Concen: 29.655 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	820009		
176	20.6	16.2	24.4	
179	16.1	12.6	19.0	





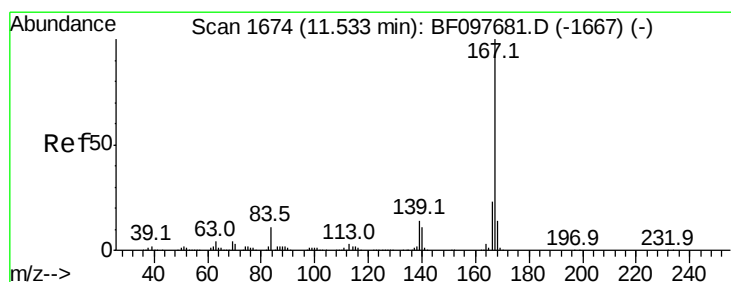
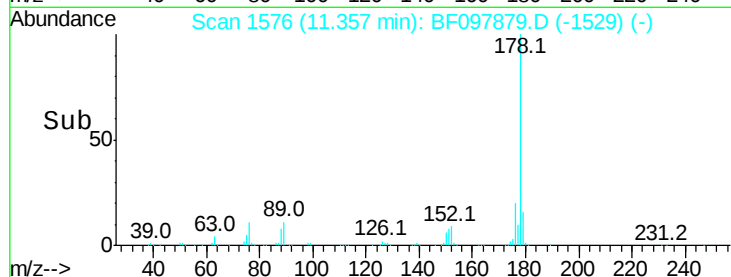
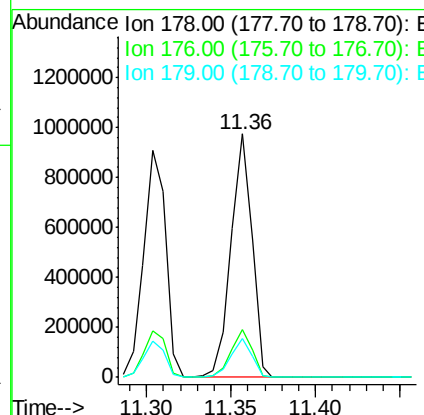
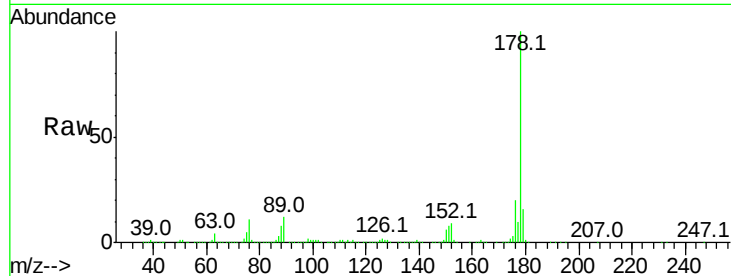
#71
 Anthracene
 Concen: 29.974 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.7	12.7	19.1

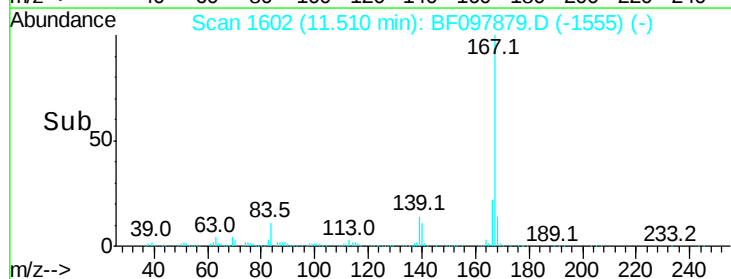
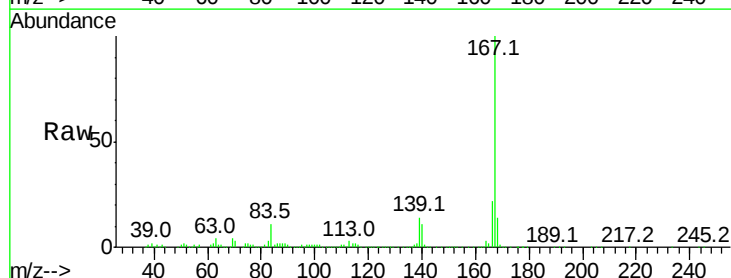
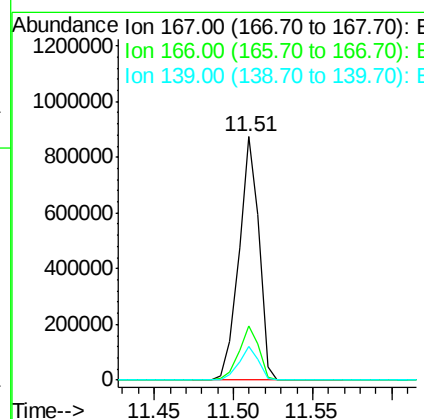
Manual Integrations
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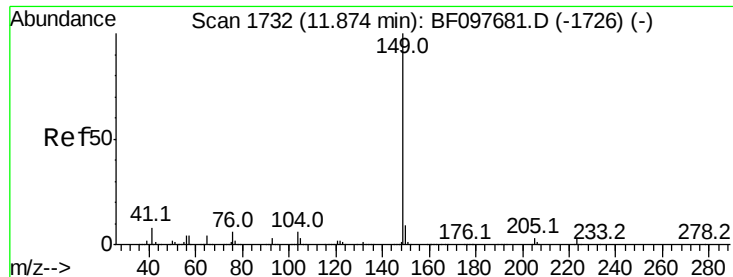
Sohil
 8/21/2017 5:19:56 PM



#72
 Carbazole
 Concen: 28.652 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	13.6	11.7	17.5





#73

Di-n-butylphthalate

Concen: 36.713 ng

RT: 11.84 min Scan# 1659

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:149 Resp: 1125780

Ion Ratio Lower Upper

149 100

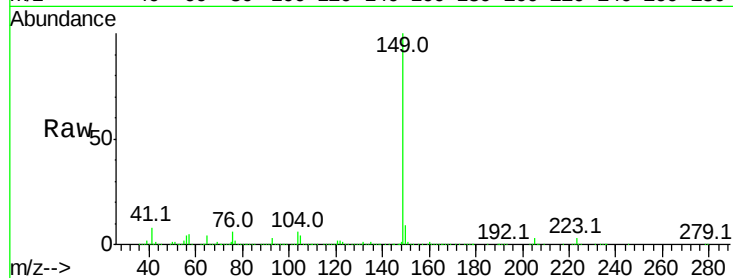
150 9.4 7.7 11.5

104 5.8 4.0 6.0

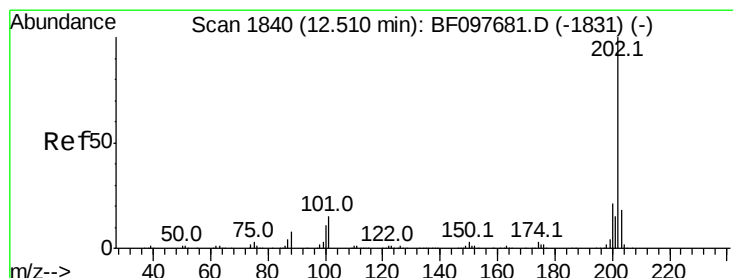
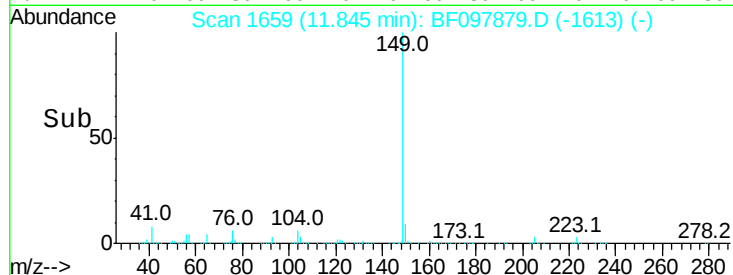
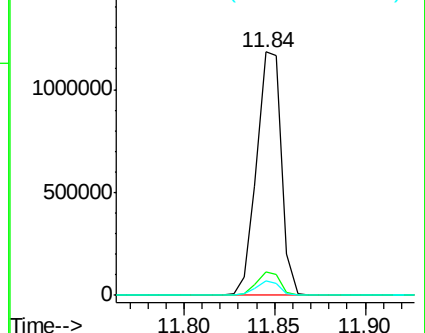
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 26.953 ng

RT: 12.49 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

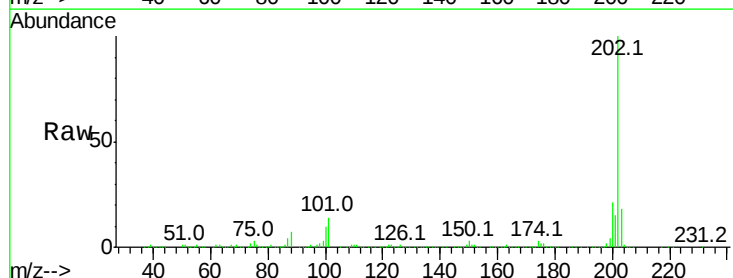
Tgt Ion:202 Resp: 777915

Ion Ratio Lower Upper

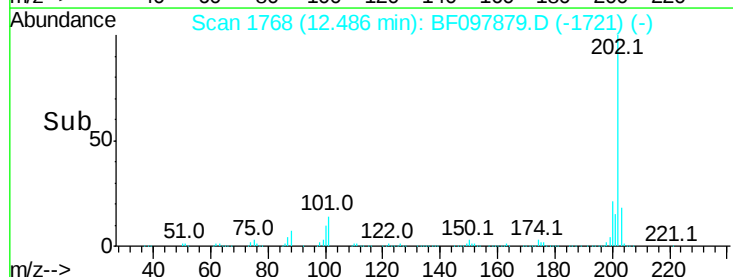
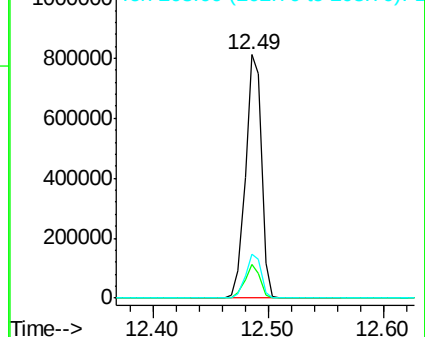
202 100

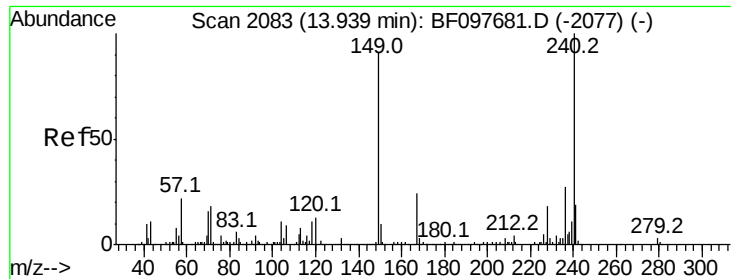
101 14.1 0.0 33.2

203 17.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

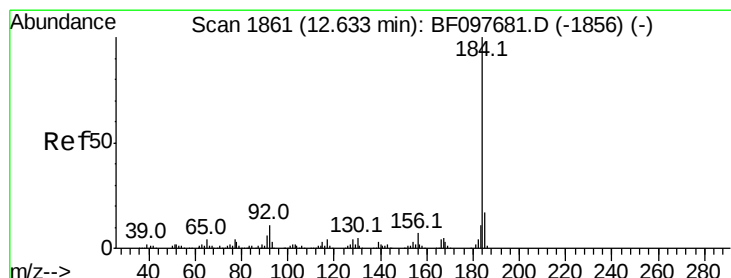
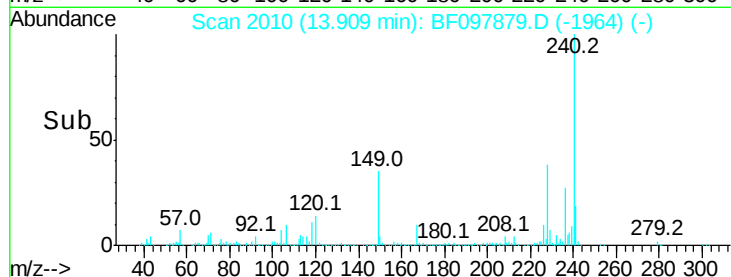
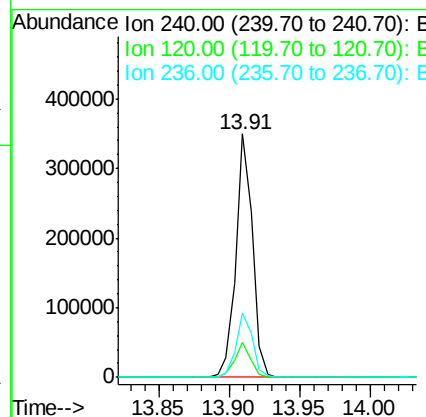
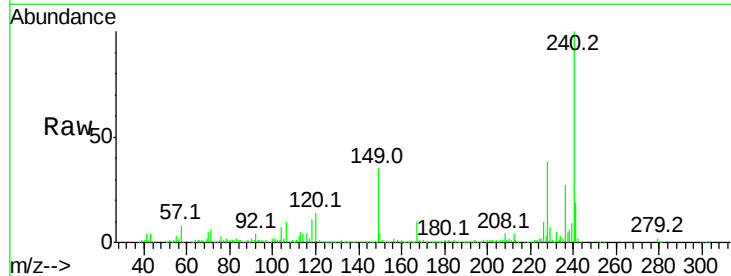
ClientSampleId :

PI-2(3)MSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100	285159		
120	14.2	5.8	8.8#	
236	26.6	20.5	30.7	

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#76

Benzidine

Concen: 23.319 ng

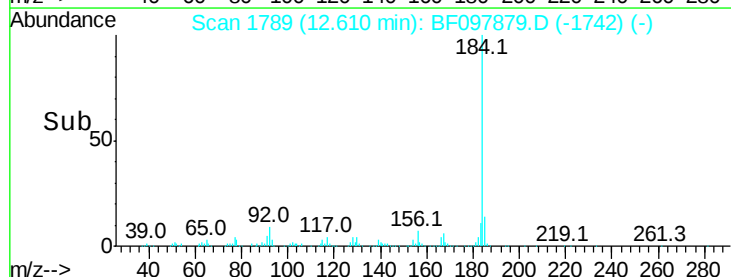
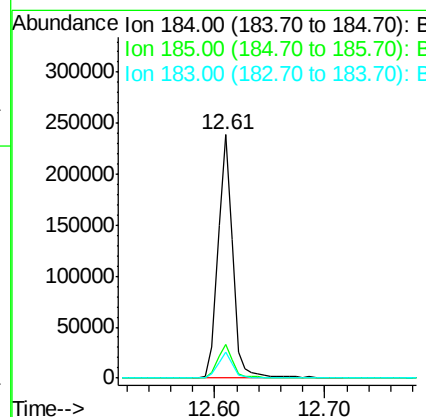
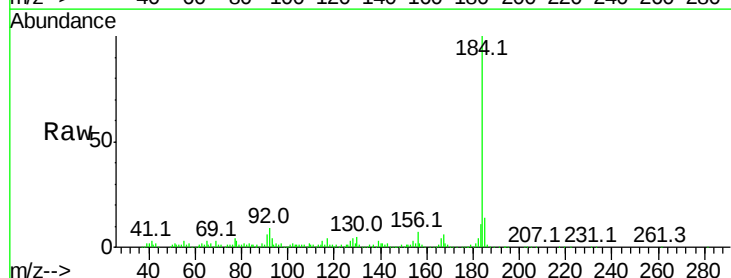
RT: 12.61 min Scan# 1789

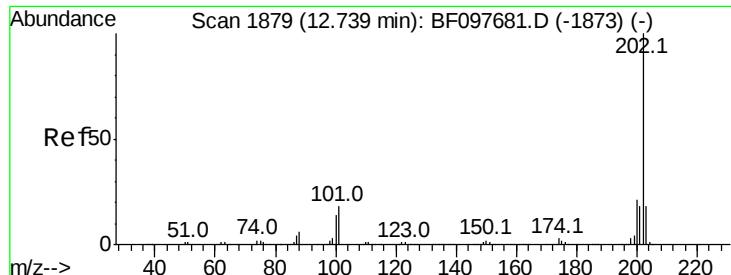
Delta R.T. -0.02 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	218022		
185	13.6	15.5	23.3#	
183	10.8	9.8	14.6	





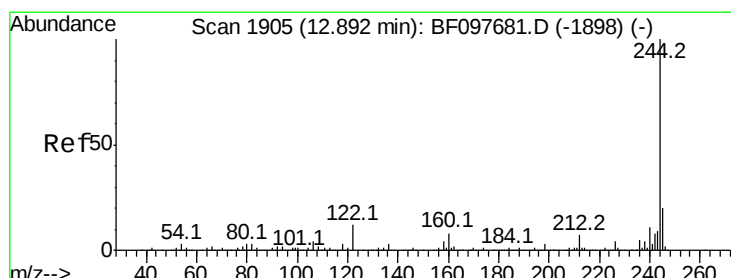
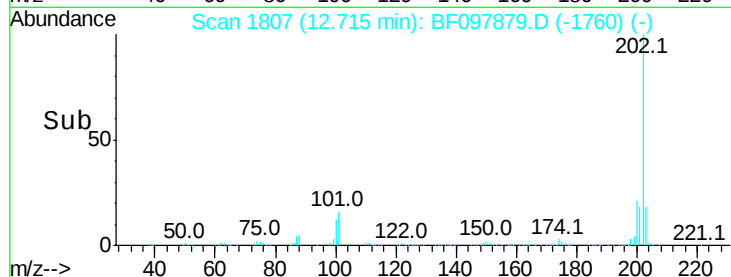
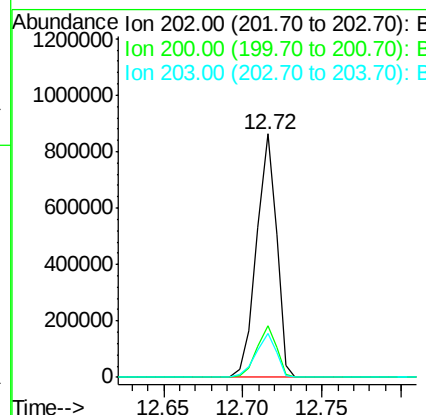
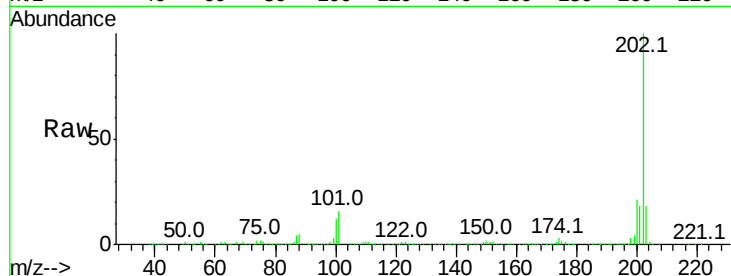
#77
Pvrene
Concen: 32.511 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.6	26.4
203	18.0	14.4	21.6

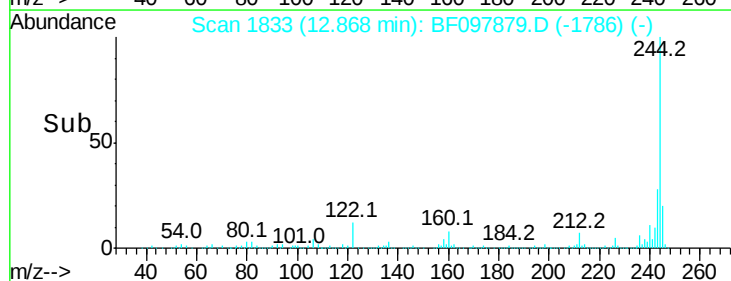
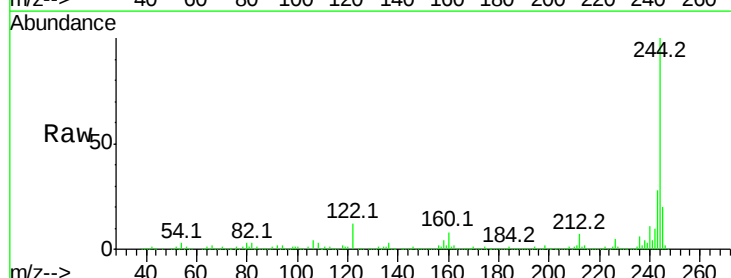
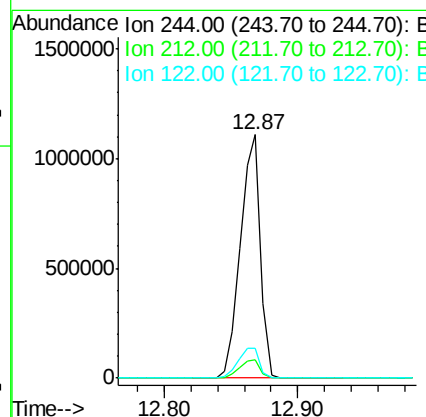
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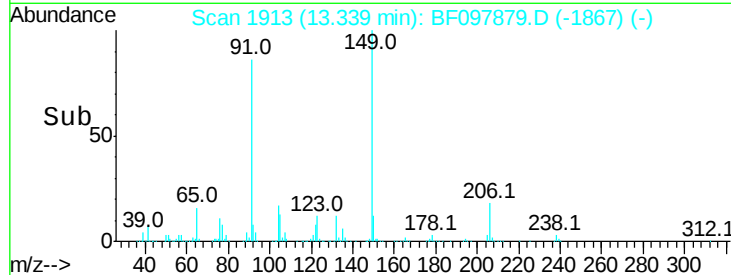
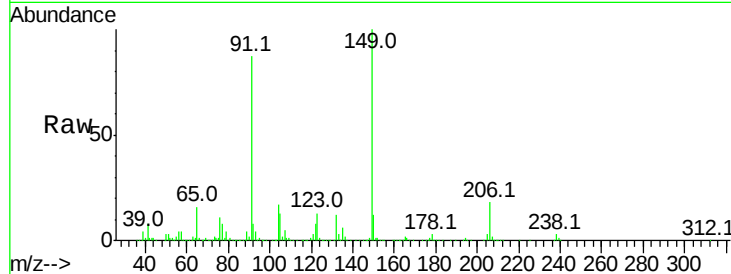
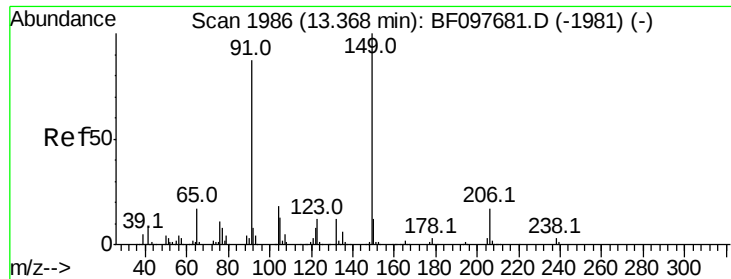
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#78
Terphenyl-d14
Concen: 84.748 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.0	9.0
122	12.1	10.3	15.5





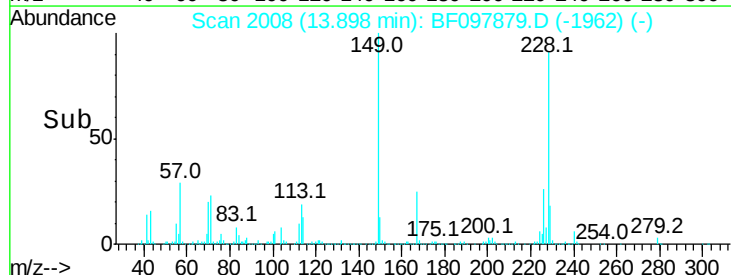
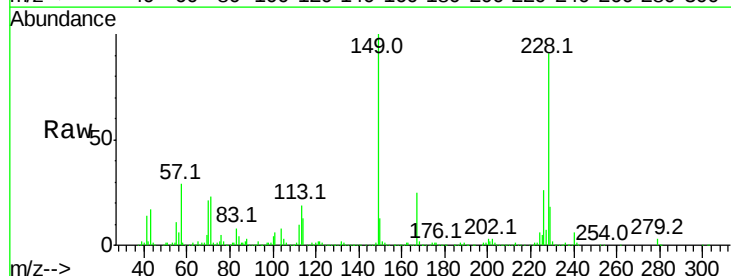
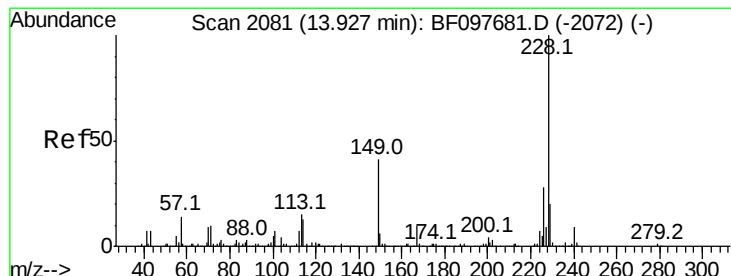
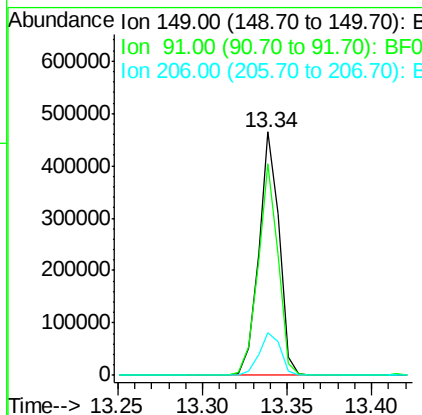
#79
Butylbenzylphthalate
Concen: 43.415 ng
RT: 13.34 min Scan# 1913
Delta R.T. -0.03 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tot Ion	Ratio	Resp	Lower	Upper
149	100	388216		
91	86.7	45.0	67.4#	
206	17.5	17.0	25.6	

Instrument :
BNA_F
ClientSampleId :
PI-2(3)MSD

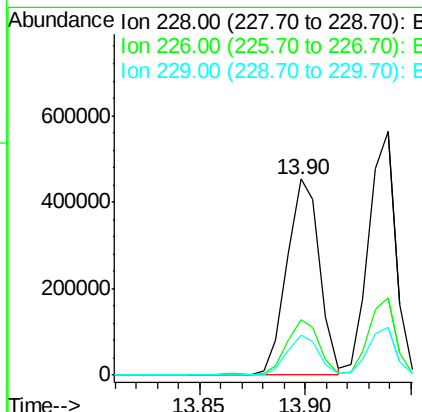
Manual Integrations
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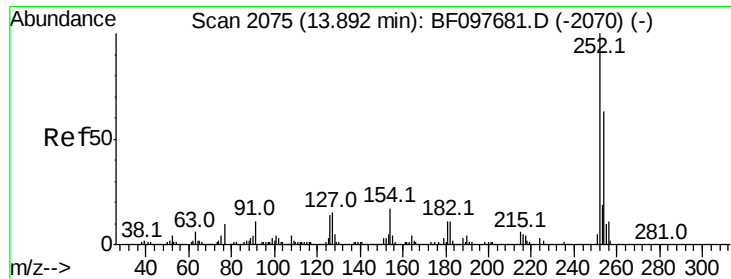
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#80
Benzo(a)anthracene
Concen: 28.554 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.03 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	488014		
226	28.6	22.6	33.8	
229	20.2	16.3	24.5	





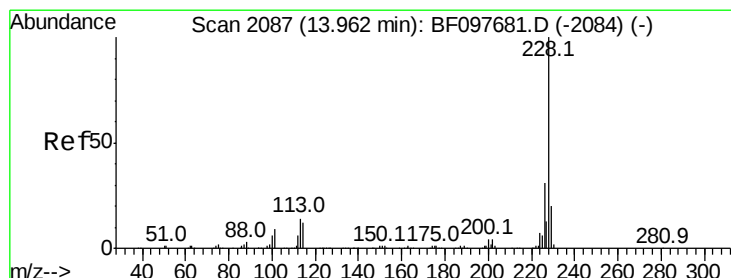
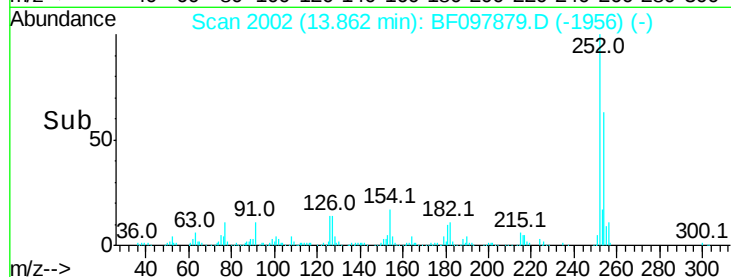
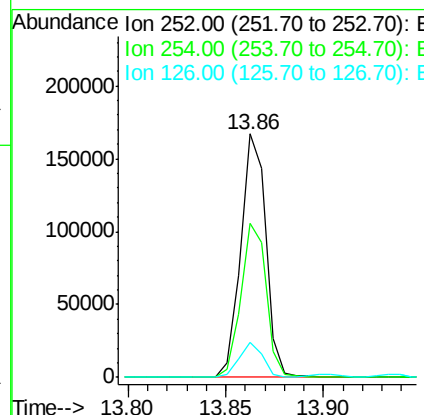
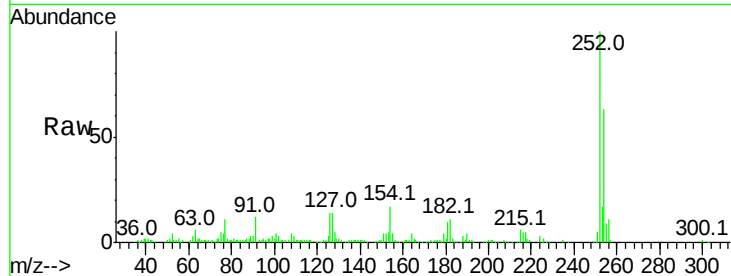
#81
 3,3'-Dichlorobenzidine
 Concen: 25.974 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.03 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	51.5	77.3
126	14.3	15.8	23.8

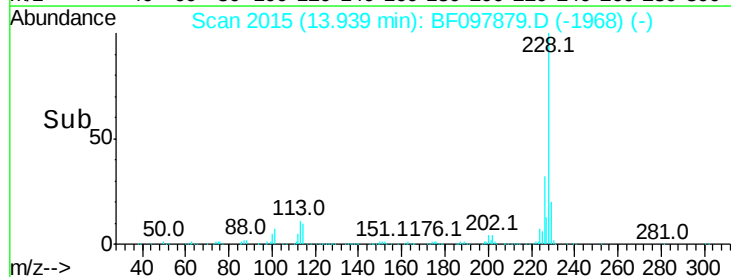
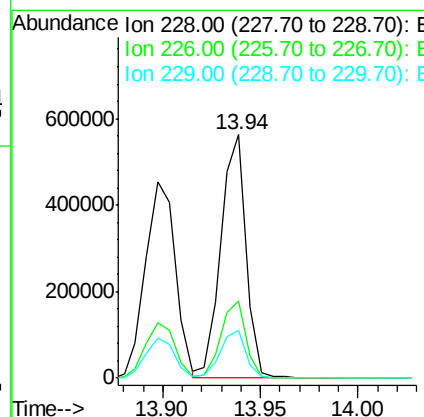
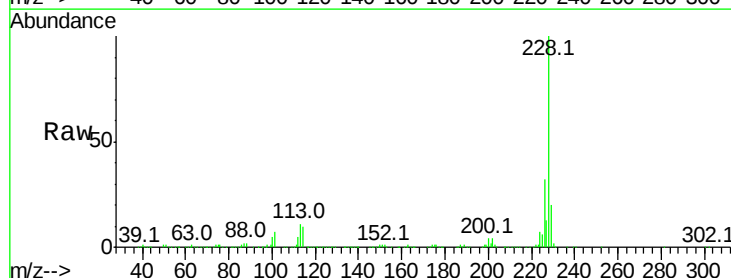
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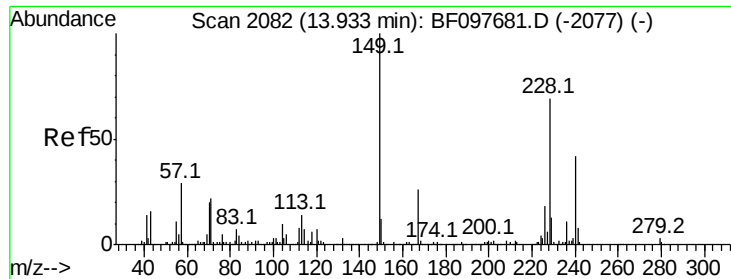
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#82
 Chrysene
 Concen: 29.459 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.9	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.508 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

ClientSampleId :

PI-2(3)MSD

Tot Ion:149 Resp: 480649
Ion Ratio Lower Upper

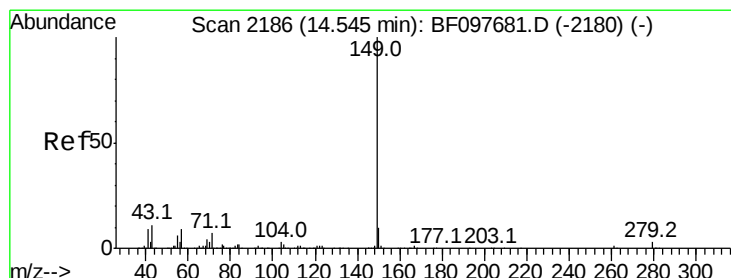
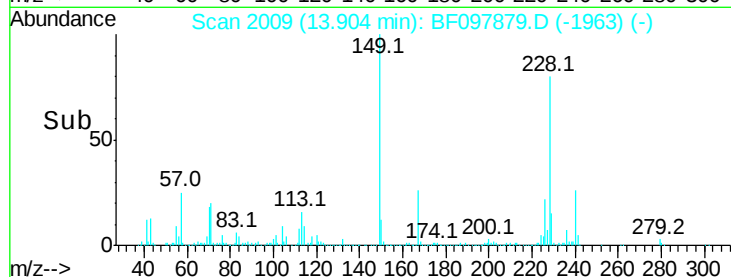
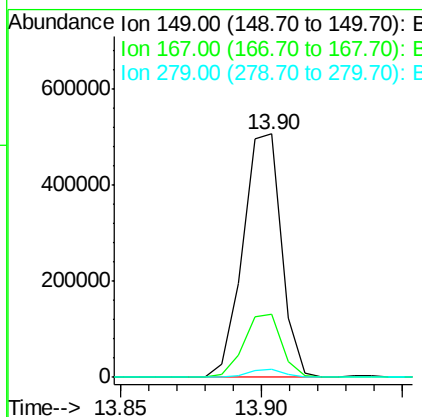
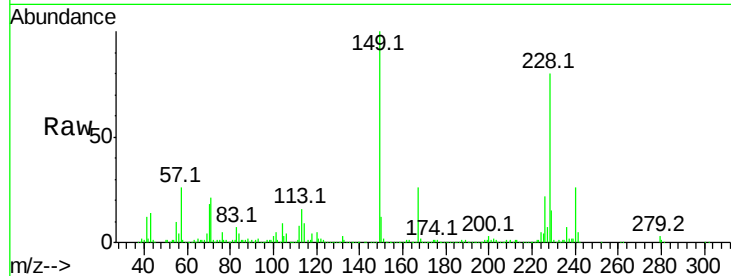
149 100

167 26.2 21.0 31.4

279 3.4 1.9 2.9#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.144 ng

RT: 14.51 min Scan# 2112

Delta R.T. -0.04 min

Lab File: BF097879.D

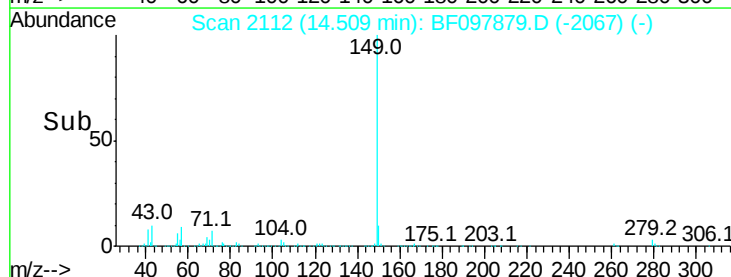
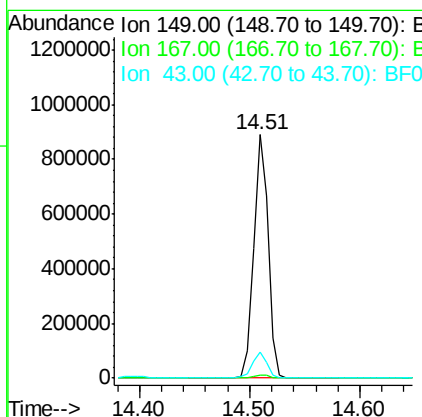
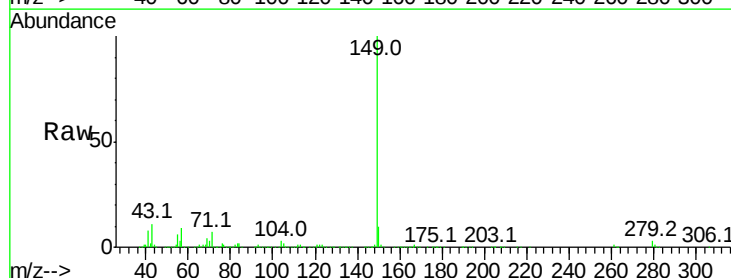
Acq: 19 Aug 2017 15:25

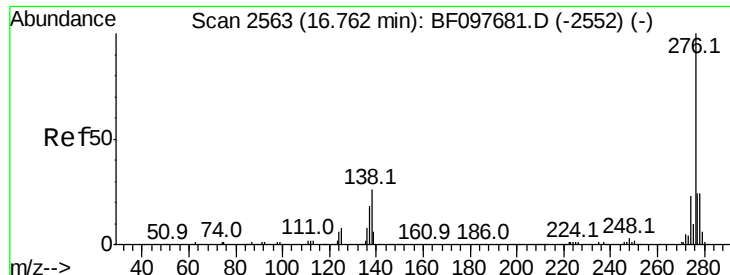
Tgt Ion:149 Resp: 812806
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.2 8.5 12.7





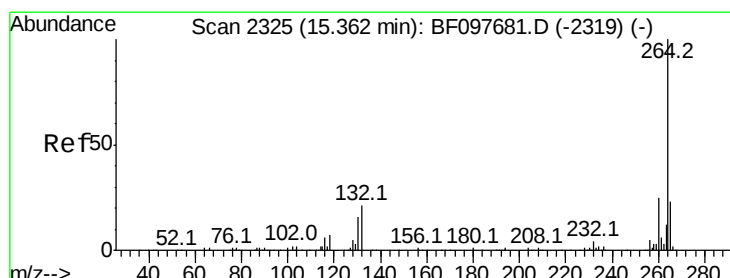
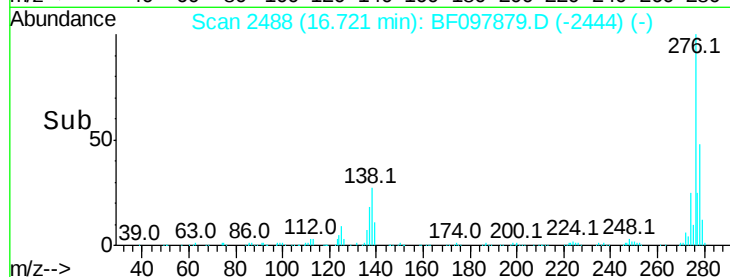
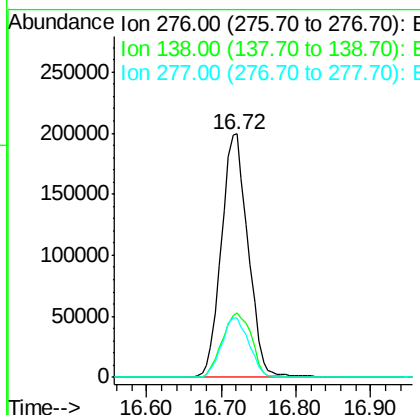
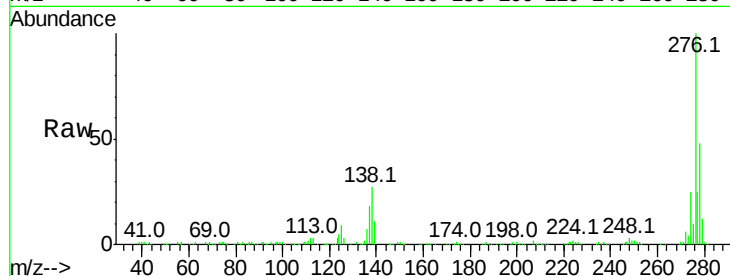
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.912 ng
 RT: 16.72 min Scan# 2488
 Delta R.T. -0.04 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampled :
 PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	27.8	41.6
277	25.4	20.2	30.4

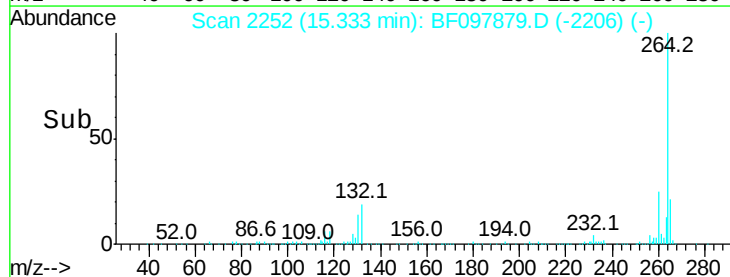
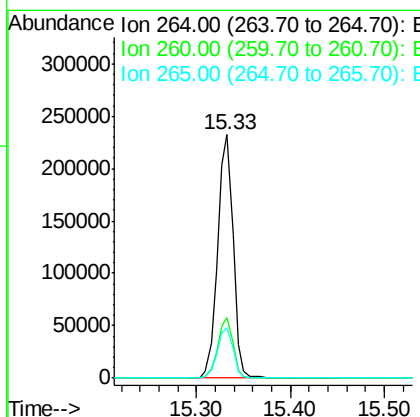
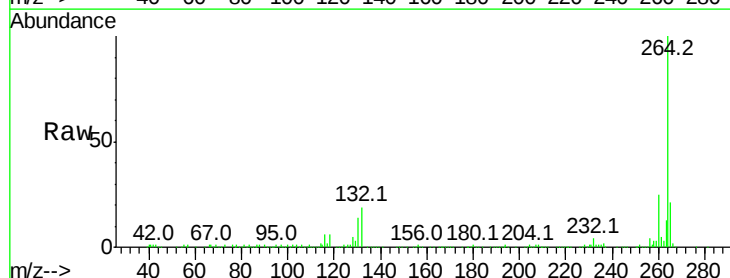
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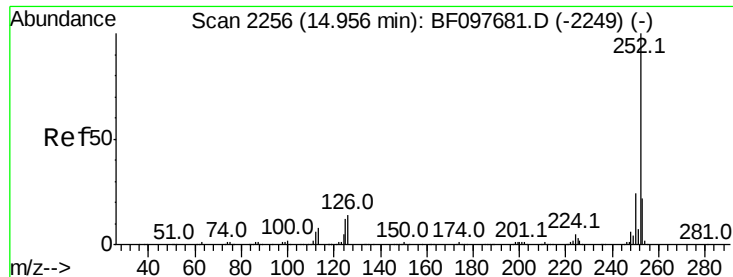
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.03 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 29.132 ng

RT: 14.93 min Scan# 2183

Delta R.T. -0.03 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Instrument :

BNA_F

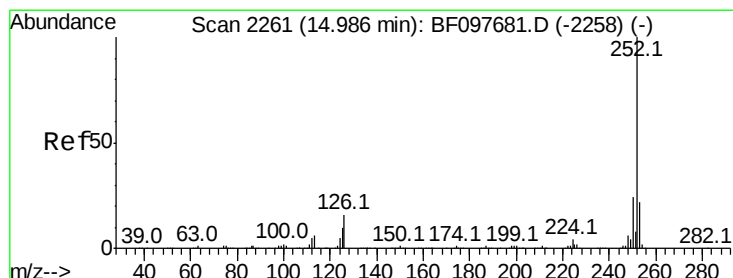
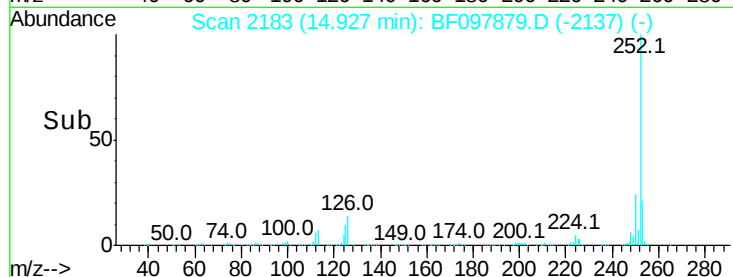
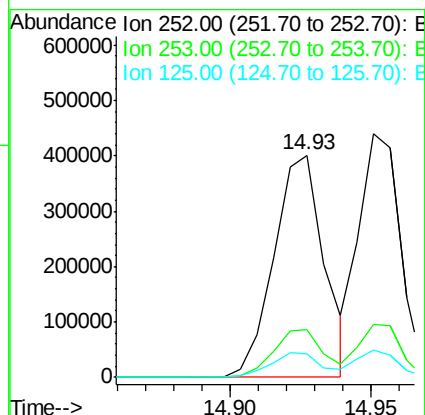
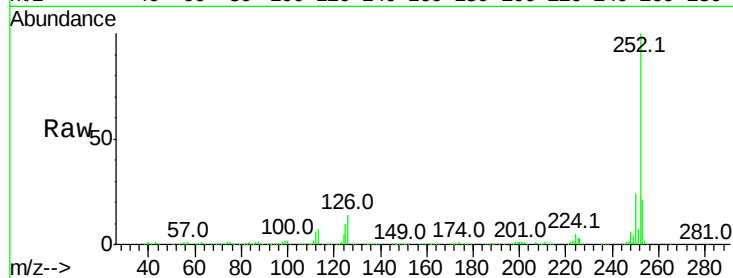
ClientSampled :

PI-2(3)MSD

Tot Ion:	252	Resp:	495945
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.1	27.1
125	10.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 28.081 ng

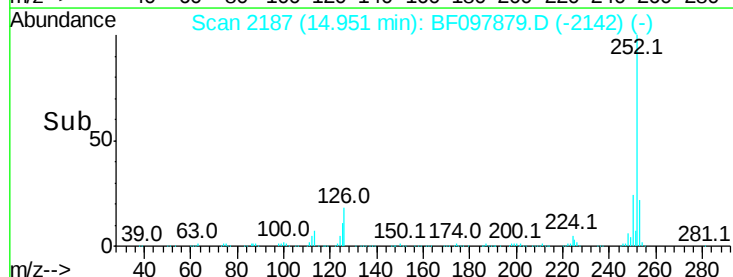
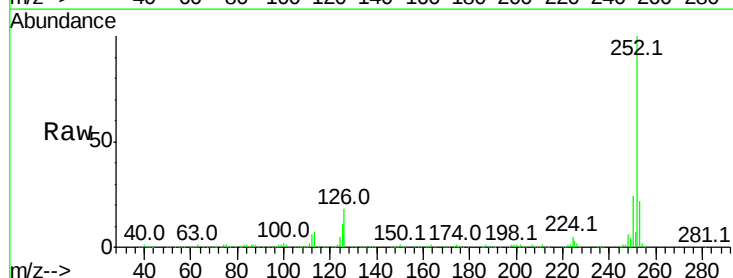
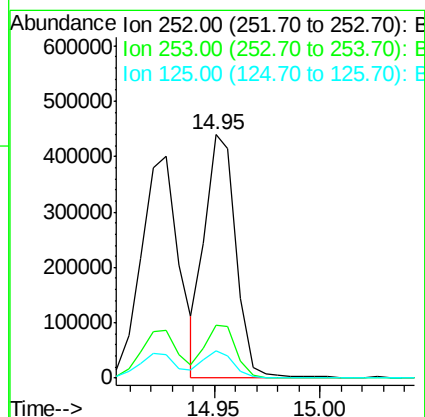
RT: 14.95 min Scan# 2187

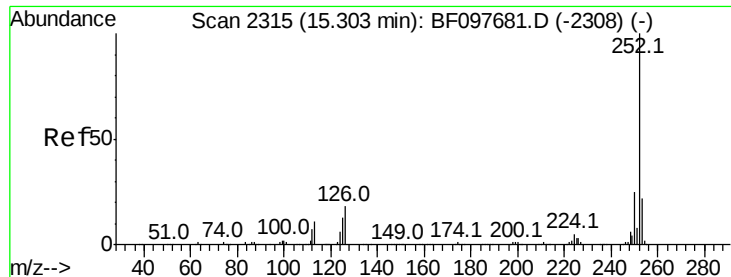
Delta R.T. -0.04 min

Lab File: BF097879.D

Acq: 19 Aug 2017 15:25

Tgt Ion:	252	Resp:	449138
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	11.2	13.1	19.7#





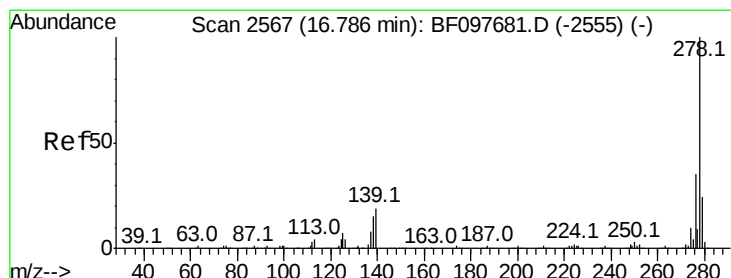
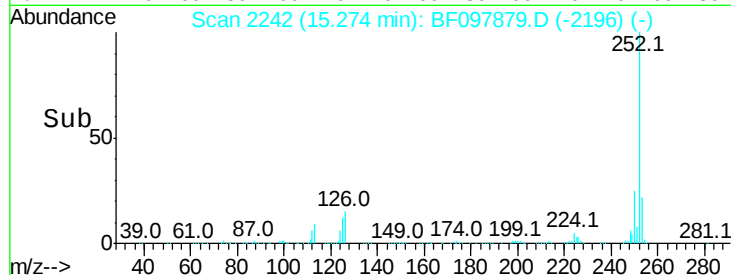
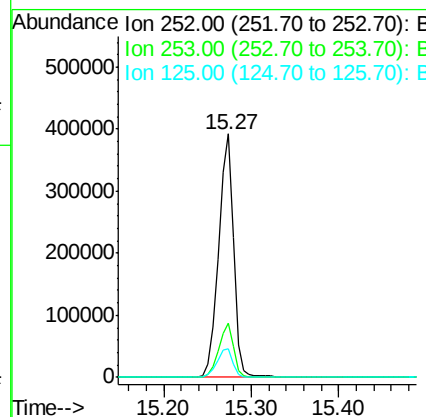
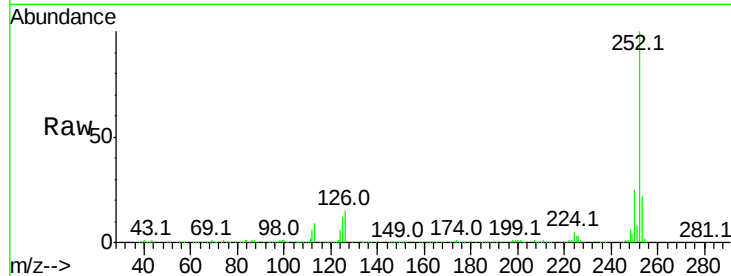
#89
Benzo(a)pyrene
Concen: 31.298 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.03 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Instrument :
BNA_F
ClientSampled :
PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	11.8	11.0	16.4

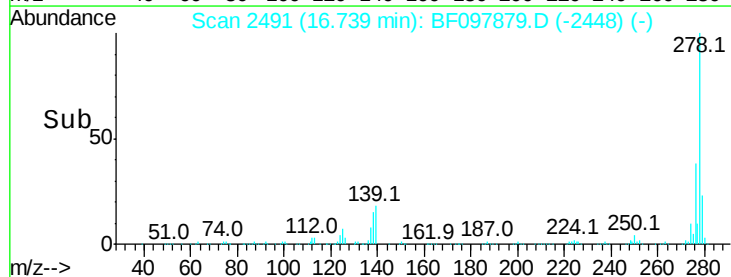
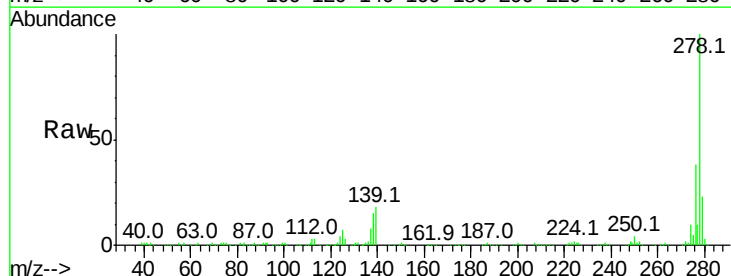
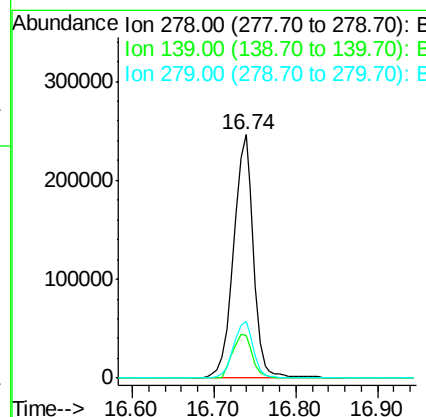
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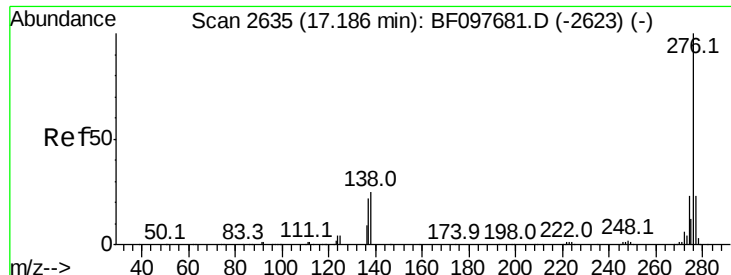
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 34.050 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.05 min
Lab File: BF097879.D
Acq: 19 Aug 2017 15:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.6	24.8
279	23.0	19.3	28.9





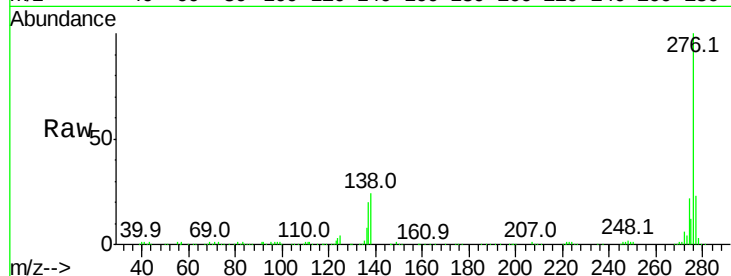
#91
 Benzo(a,h,i)perylene
 Concen: 32.146 ng
 RT: 17.14 min Scan# 2559
 Delta R.T. -0.05 min
 Lab File: BF097879.D
 Acq: 19 Aug 2017 15:25

Instrument :
 BNA_F
 ClientSampleId :
 PI-2(3)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	24.1	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

