

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097737.D
 Acq On : 16 Aug 2017 14:26
 Operator : SJ/JU
 Sample : I4758-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:57:31 PM

Quant Time: Aug 16 15:49:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158841	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	649909	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	305150	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	575272	20.00	ng	0.00
75) Chrysene-d12	13.94	240	362728	20.00	ng	0.00
86) Perylene-d12	15.36	264	276117	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1074556	102.90	ng	0.02
7) Phenol-d6	6.42	99	1394899	98.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	995114	83.18	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	338371	127.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1496597	72.06	ng	0.00
78) Terphenyl-d14	12.89	244	1333932	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	184513	31.683	ng	# 78
3) Pyridine	3.36	79	267943	16.643	ng	# 88
4) n-Nitrosodimethylamine	3.30	42	215639	34.809	ng	# 80
6) Aniline	6.45	93	242876	12.185	ng	# 98
8) 2-Chlorophenol	6.57	128	412276	37.436	ng	# 97
9) Benzaldehyde	6.33	77	111081	12.360	ng	# 86
10) Phenol	6.43	94	527874	31.811	ng	# 94
11) bis(2-Chloroethyl)ether	6.52	93	472813	37.750	ng	# 97
12) 1,3-Dichlorobenzene	6.72	146	365930	30.891	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	380193	31.557	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	351438	31.635	ng	# 98
15) Benzyl Alcohol	6.92	79	430379	40.514	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	636350	37.762	ng	# 92
17) 2-Methylphenol	7.04	107	379950	39.150	ng	# 97
18) Hexachloroethane	7.29	117	147459	31.218	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	362422	37.314	ng	# 91
20) 3+4-Methylphenols	7.19	107	446609	37.677	ng	# 87
22) Acetophenone	7.19	105	636099	37.049	ng	# 90
24) Nitrobenzene	7.36	77	546883	41.056	ng	# 92
25) Isophorone	7.60	82	1017241	40.892	ng	# 96
26) 2-Nitrophenol	7.68	139	210044	44.014	ng	# 81
27) 2,4-Dimethylphenol	7.72	122	393627	37.941	ng	# 93
28) bis(2-Chloroethoxy)methane	7.82	93	622346	38.053	ng	# 99
29) 2,4-Dichlorophenol	7.92	162	340878	39.581	ng	# 95
30) 1,2,4-Trichlorobenzene	8.00	180	323479	33.883	ng	# 98
31) Naphthalene	8.09	128	1169554	34.664	ng	# 99
32) Benzoic acid	7.85	122	265624	36.856	ng	# 90
33) 4-Chloroaniline	8.13	127	168546	11.845	ng	# 99
34) Hexachlorobutadiene	8.20	225	182476	32.736	ng	# 98
35) Caprolactam	8.51	113	104452m	35.676	ng	# 99
36) 4-Chloro-3-methylphenol	8.62	107	435291	39.340	ng	# 78
37) 2-Methylnaphthalene	8.77	142	806682	38.997	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	319955	34.165	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	347800	77.306	ng	# 99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	242832	38.622	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	245296	39.326	nq	93
45) 1,1'-Biphenyl	9.24	154	975389	35.052	nq	96
46) 2-Chloronaphthalene	9.26	162	708620	34.465	nq #	91
47) 2-Nitroaniline	9.36	65	288005	41.784	nq	97
48) Acenaphthylene	9.68	152	1201363	37.208	nq	100
49) Dimethylphthalate	9.55	163	887339	39.781	nq	99
50) 2,6-Dinitrotoluene	9.60	165	190191	42.717	nq #	53
51) Acenaphthene	9.85	154	736784	36.182	nq	100
52) 3-Nitroaniline	9.77	138	98678	17.178	nq #	79
53) 2,4-Dinitrophenol	9.88	184	193246	89.817	nq #	74
54) Dibenzofuran	10.03	168	1079203	39.544	nq	99
55) 4-Nitrophenol	9.93	139	319098	69.635	nq #	34
56) 2,4-Dinitrotoluene	10.01	165	251453	45.002	nq #	56
57) Fluorene	10.37	166	788940	37.390	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	213590	44.228	nq	94
59) Diethylphthalate	10.25	149	943403	40.444	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	372758	38.027	nq #	86
61) 4-Nitroaniline	10.39	138	188687	34.560	nq #	67
62) Azobenzene	10.52	77	1120105	40.426	nq	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	121212	45.283	nq #	75
65) n-Nitrosodiphenylamine	10.48	169	740711	37.811	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	234758	39.298	nq	95
67) Hexachlorobenzene	10.91	284	225838	37.090	nq #	81
68) Atrazine	11.01	200	214842	41.354	nq	97
69) Pentachlorophenol	11.10	266	273283	76.977	nq	99
70) Phenanthrene	11.33	178	1153746	37.637	nq	100
71) Anthracene	11.38	178	1169687	37.620	nq	100
72) Carbazole	11.53	167	1064171	36.058	nq	98
73) Di-n-butylphthalate	11.87	149	1448146	42.599	nq	99
74) Fluoranthene	12.51	202	1170057	36.569	nq	98
77) Pyrene	12.74	202	1180061	39.777	nq	99
79) Butylbenzylphthalate	13.37	149	573901	50.456	nq #	75
80) Benzo(a)anthracene	13.93	228	804725	37.016	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	129347	17.632	nq #	95
82) Chrysene	13.96	228	798394	36.918	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	700687	55.592	nq #	99
84) Di-n-octyl phthalate	14.54	149	1216046	55.450	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	680714	42.788	nq	95
87) Benzo(b)fluoranthene	14.95	252	665780	38.253	nq	100
88) Benzo(k)fluoranthene	14.99	252	606427	37.087	nq #	93
89) Benzo(a)pyrene	15.30	252	598005	38.812	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	567347	45.230	nq	98
91) Benzo(g,h,i)perylene	17.19	276	584309	44.643	nq #	91

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

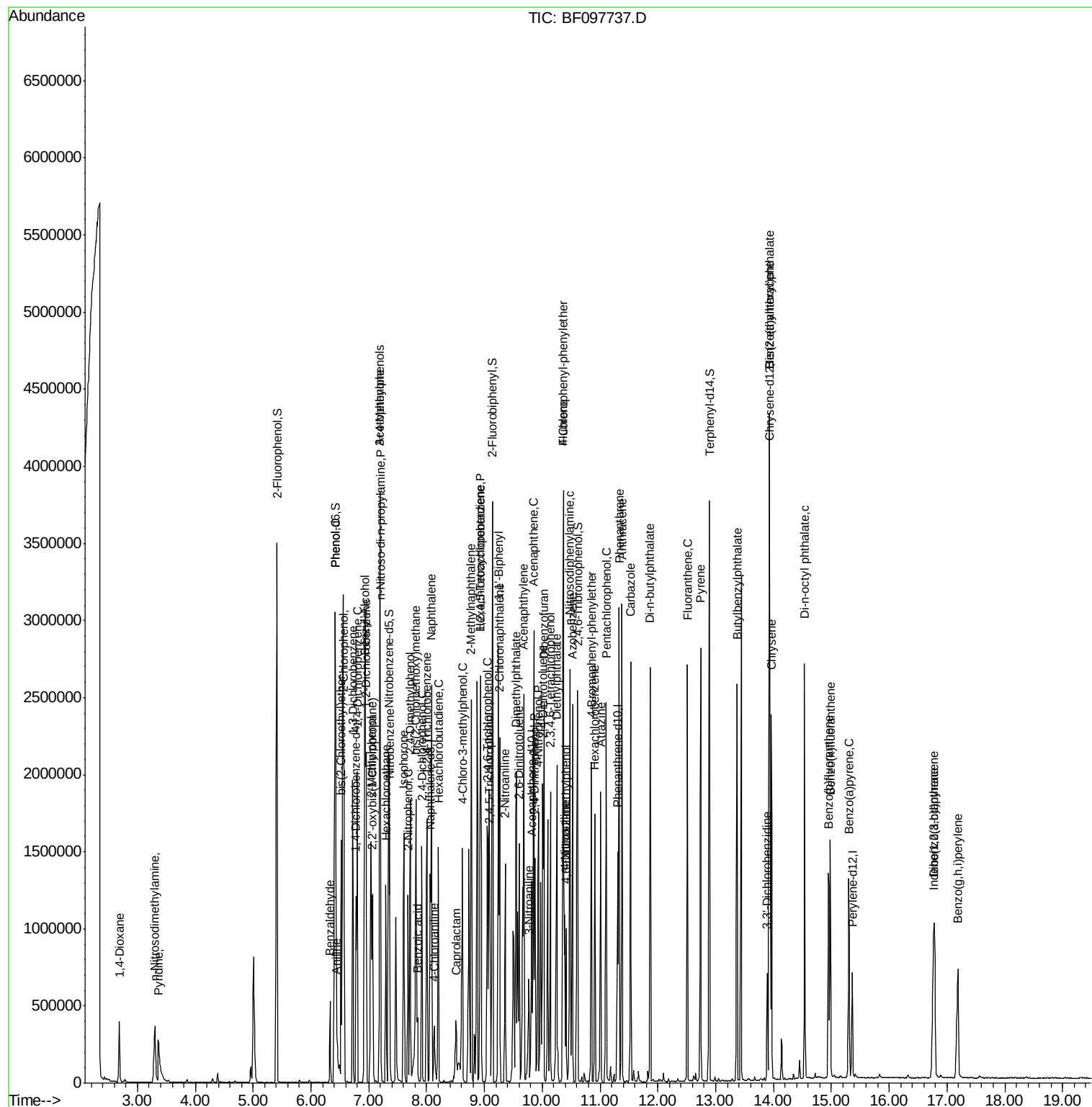
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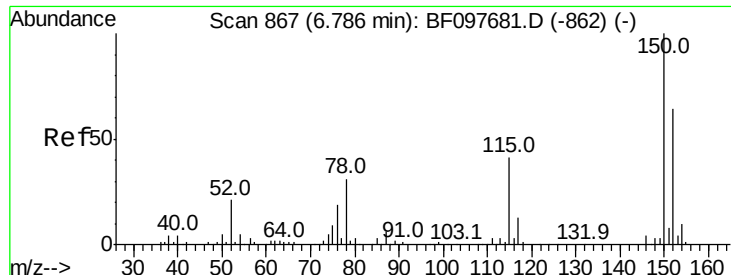
Instrument :
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#1

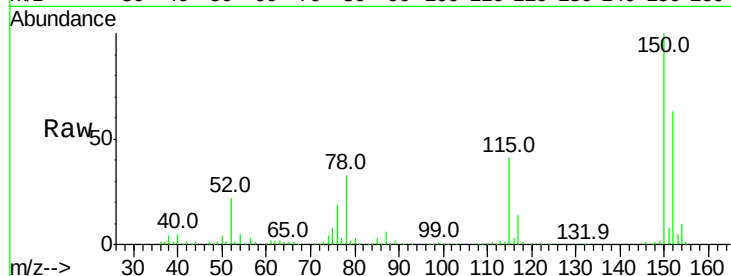
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

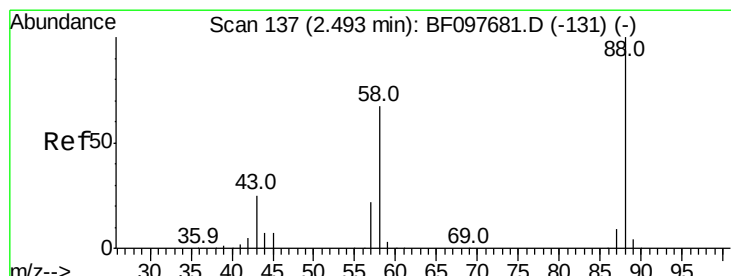
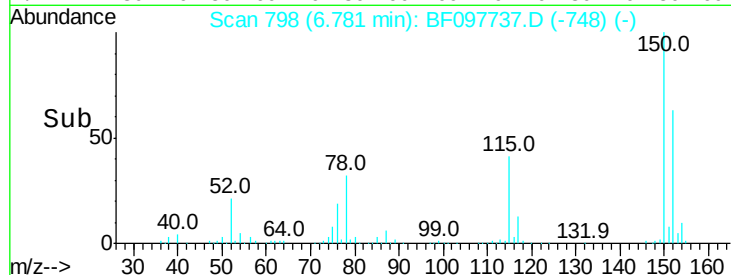
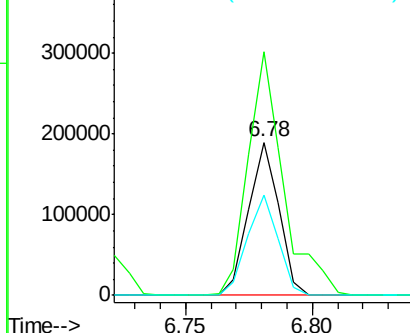
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.2	189.2
115	65.8	52.2	78.2

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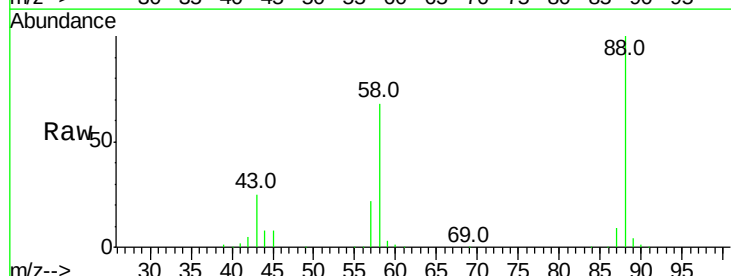
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



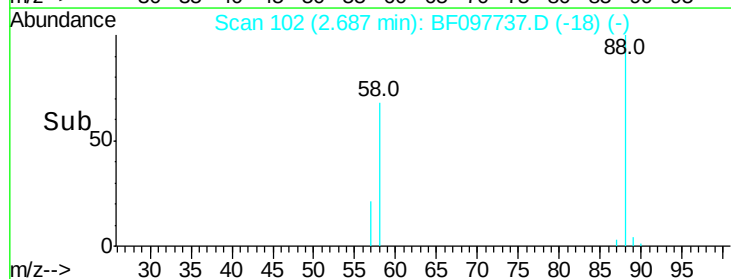
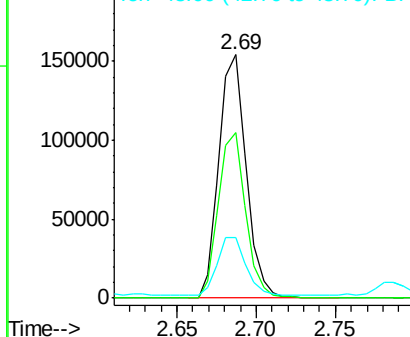
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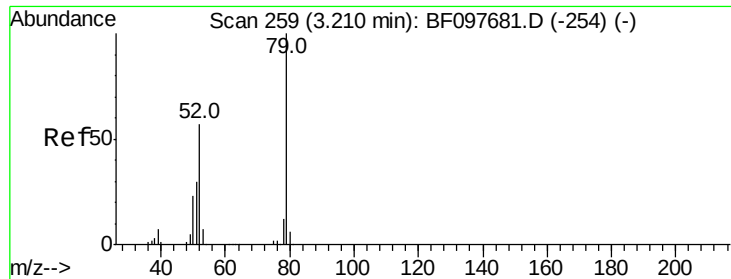
1,4-Dioxane
Concen: 31.683 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	61.4	92.0
43	0.0	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

Pvridine

Concen: 16.643 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.15 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

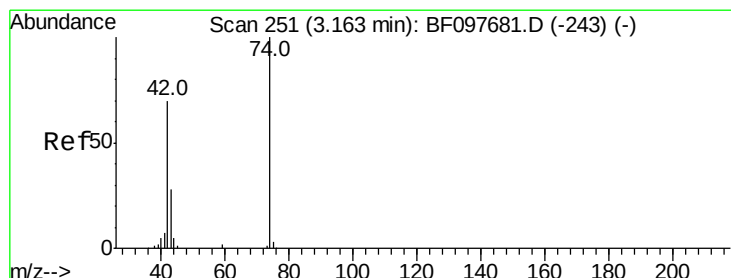
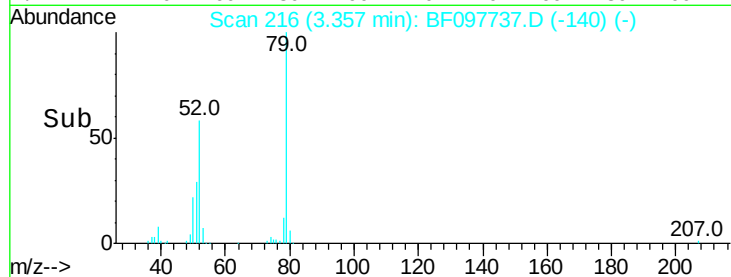
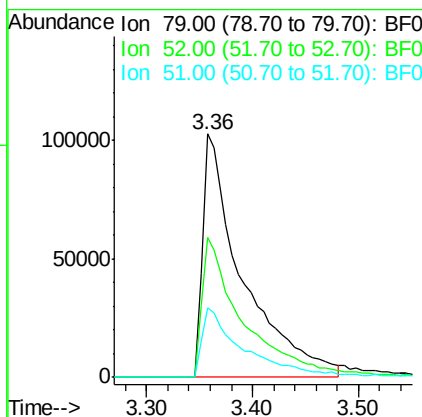
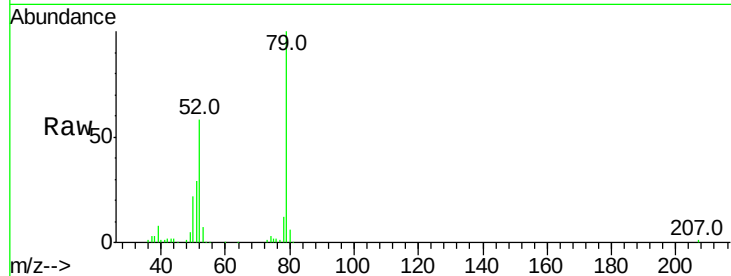
ClientSampleId :

SU-02-081117MS

Tot Ion:	79	Resp:	267943
Ion Ratio	Lower	Upper	
79	100		
52	57.6	54.8	82.2
51	28.7	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.809 ng

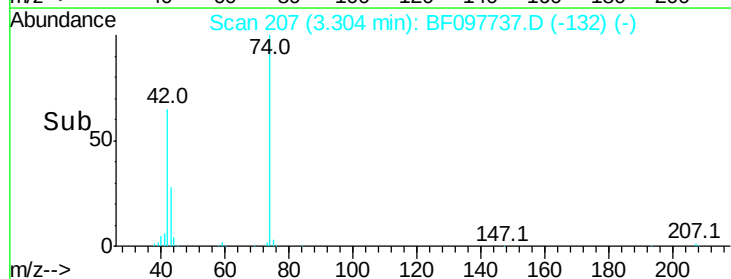
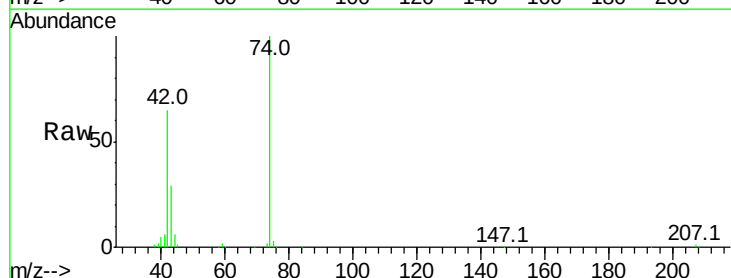
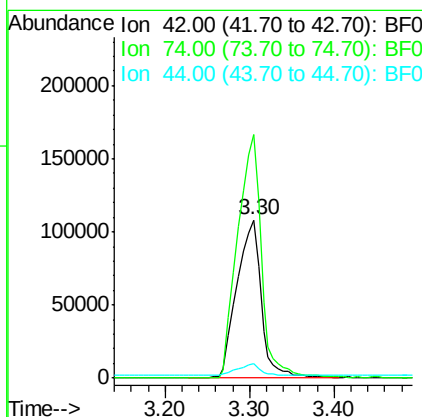
RT: 3.30 min Scan# 207

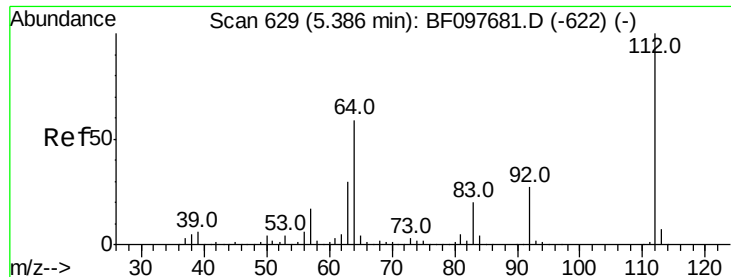
Delta R.T. 0.14 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	42	Resp:	215639
Ion Ratio	Lower	Upper	
42	100		
74	154.1	103.9	155.9
44	8.9	5.7	8.5#





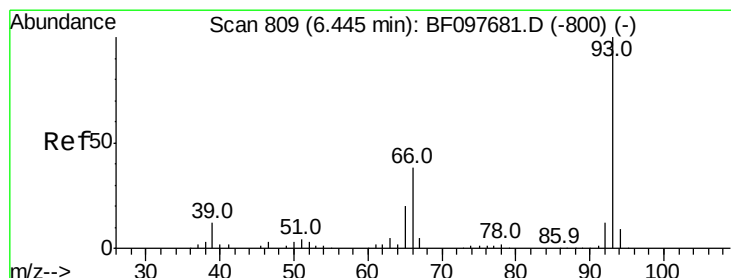
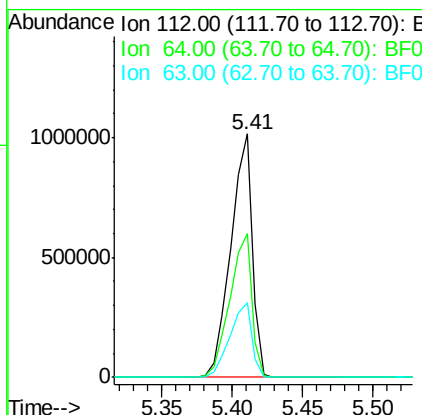
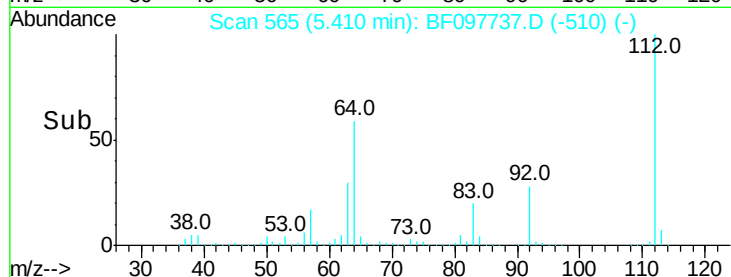
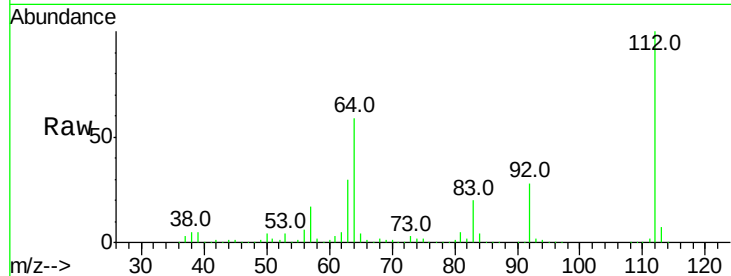
#5
 2-Fluorophenol
 Concen: 102.900 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:	112	Resp:	1074556
Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	30.4	23.4	35.0

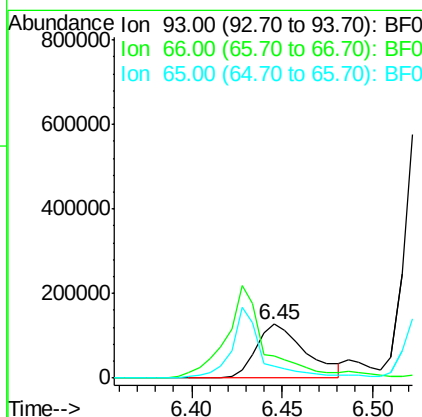
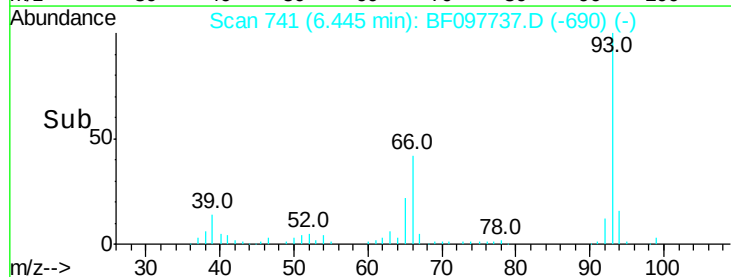
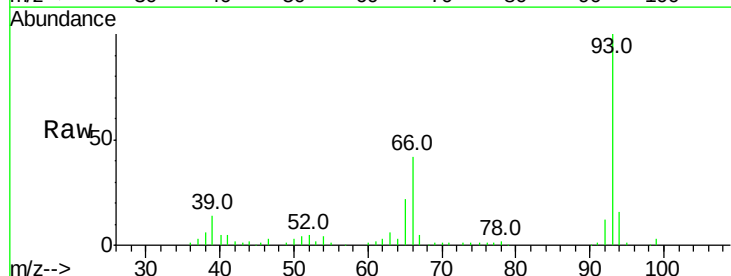
Manual Integrations
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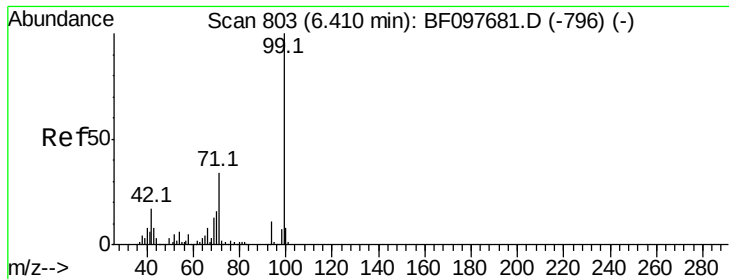
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#6
 Aniline
 Concen: 12.185 ng
 RT: 6.45 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:	93	Resp:	242876
Ion	Ratio	Lower	Upper
93	100		
66	42.1	32.9	49.3
65	21.8	16.0	24.0





#7

Phenol-d6

Concen: 98.311 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

Tot Ion: 99 Resp: 1394899

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

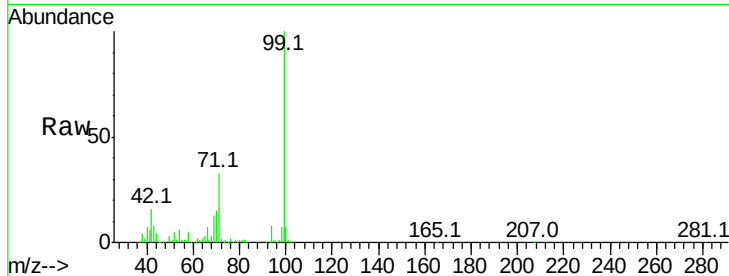
71 32.9 24.5 36.7

Manual Integrations

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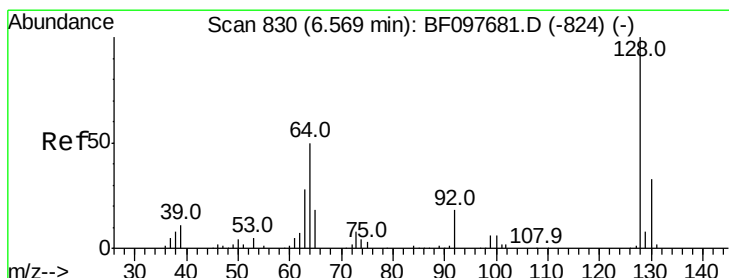
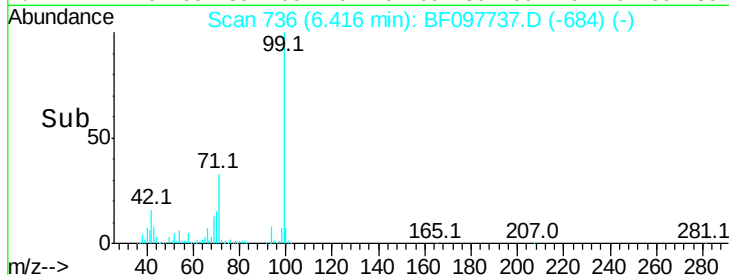
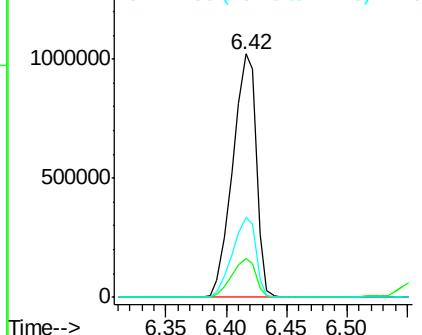
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.436 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

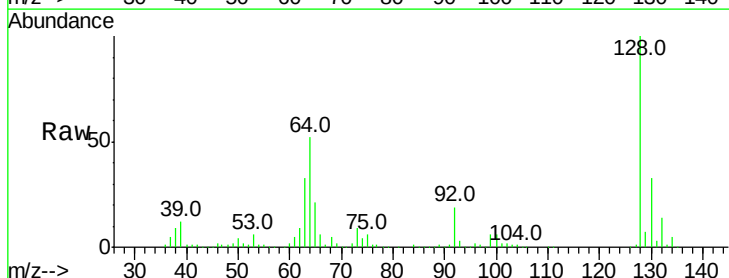
Tgt Ion: 128 Resp: 412276

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

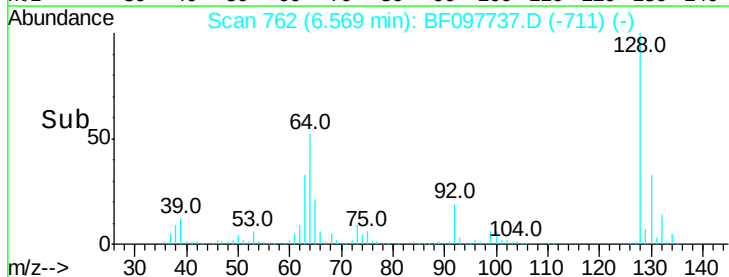
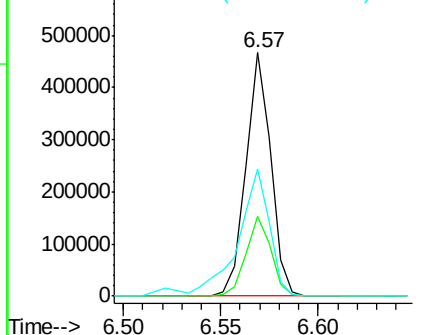
64 52.2 28.4 68.4

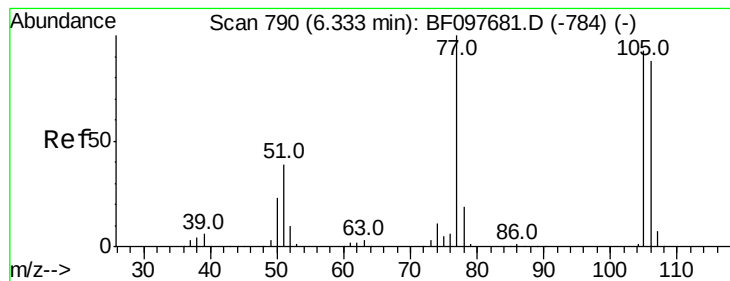


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.360 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

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Acq: 16 Aug 2017 14:26

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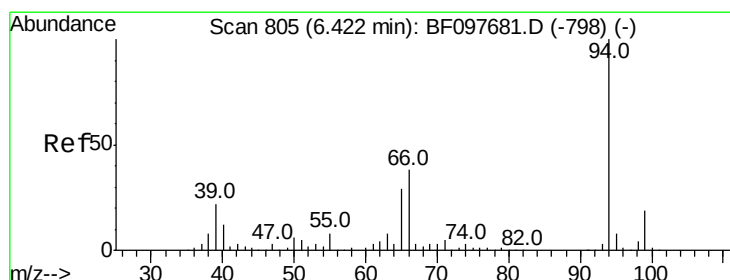
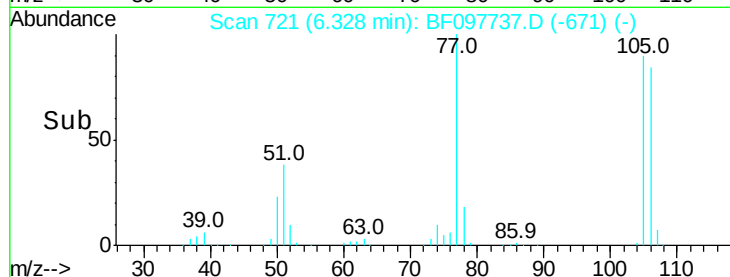
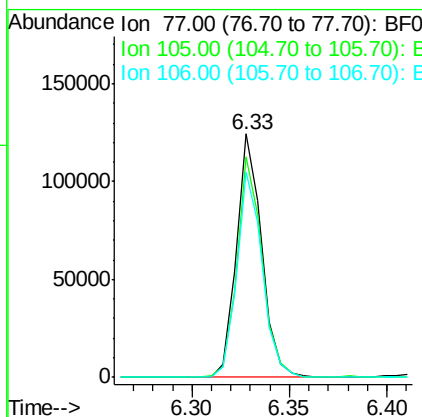
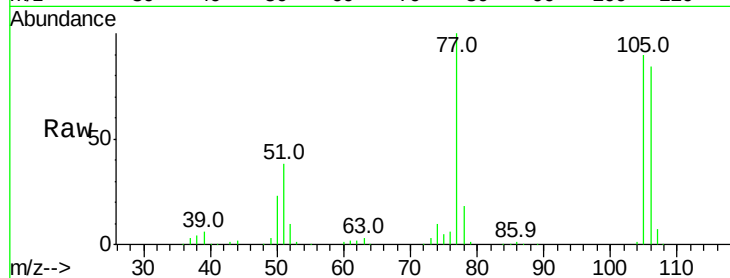
ClientSampleId :

SU-02-081117MS

Tot Ion:	77	Resp:	111081
Ion Ratio	Lower	Upper	
77	100		
105	90.3	83.8	123.8
106	84.5	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 31.811 ng

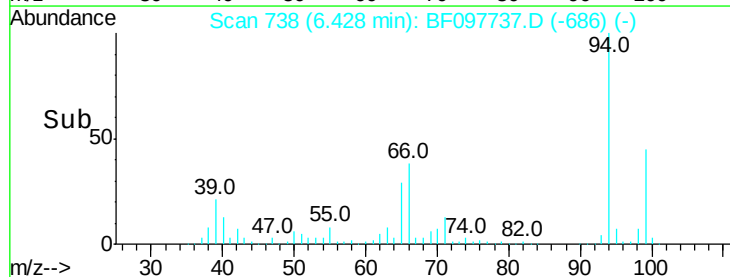
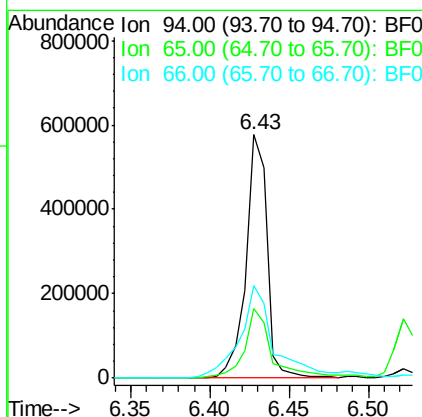
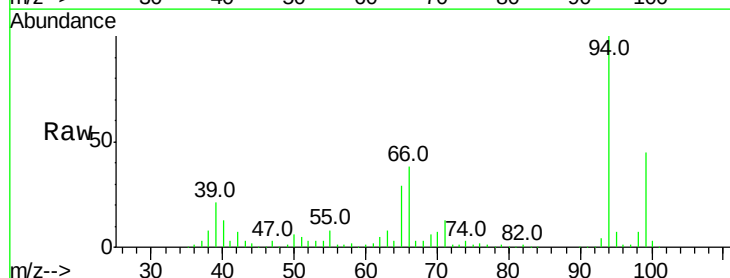
RT: 6.43 min Scan# 738

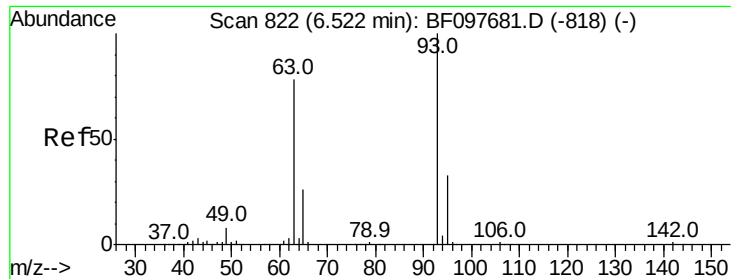
Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	94	Resp:	527874
Ion Ratio	Lower	Upper	
94	100		
65	28.8	9.9	49.9
66	37.9	23.1	63.1





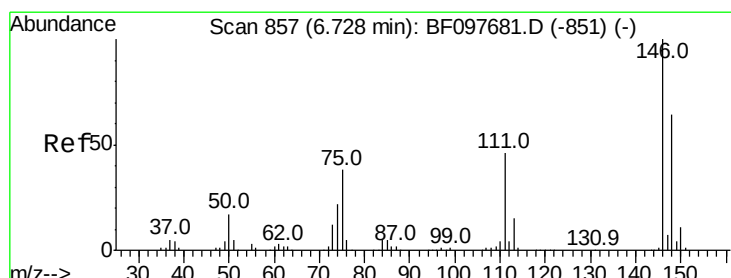
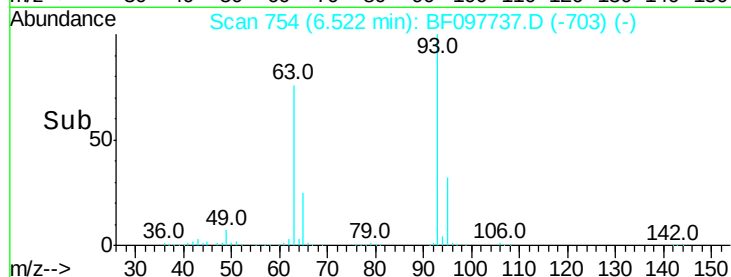
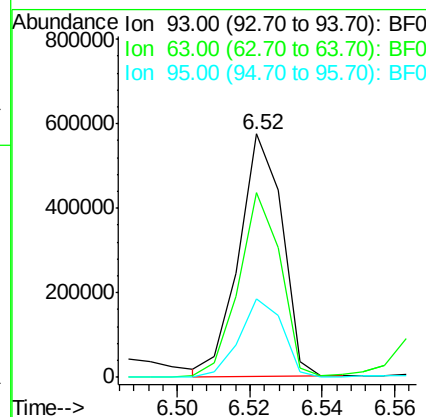
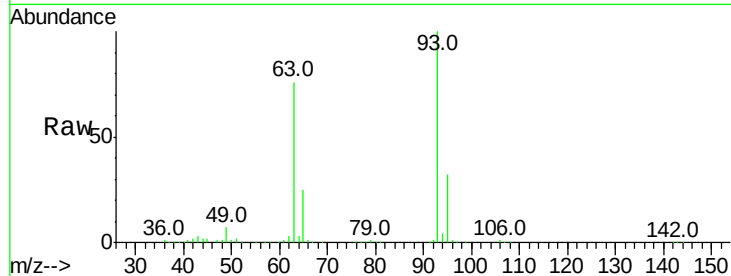
#11
bis(2-Chloroethyl)ether
Concen: 37.750 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	93	Resp	472813
Ion Ratio	100	Lower	Upper
93	100		
63	76.1	59.2	99.2
95	32.4	12.8	52.8

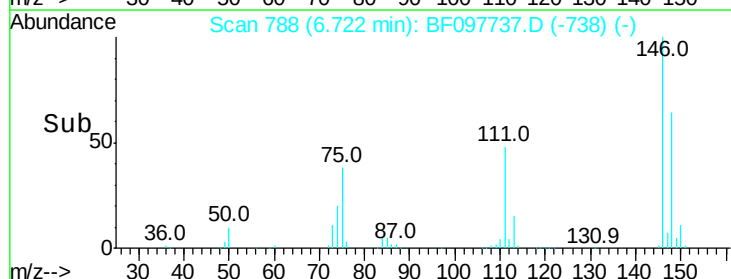
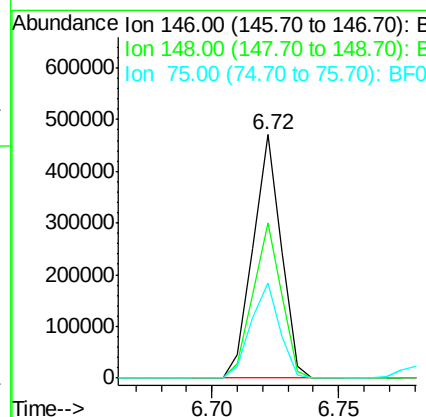
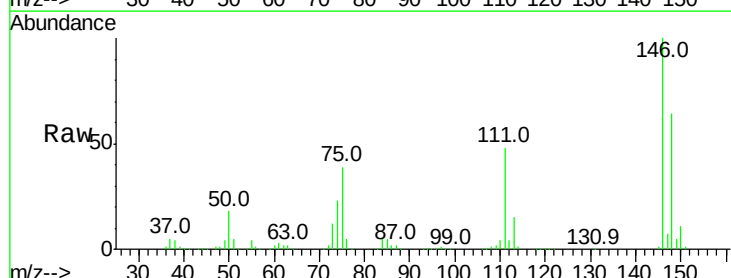
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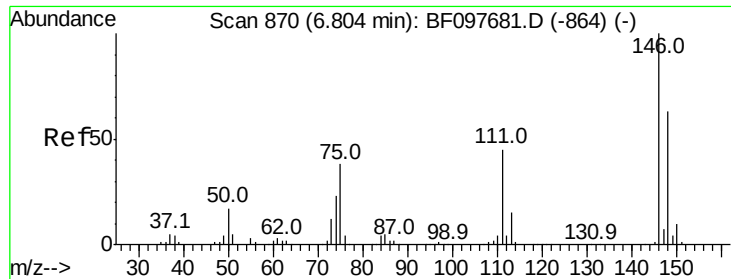
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#12
1,3-Dichlorobenzene
Concen: 30.891 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	146	Resp	365930
Ion Ratio	100	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	39.2	23.1	34.7#





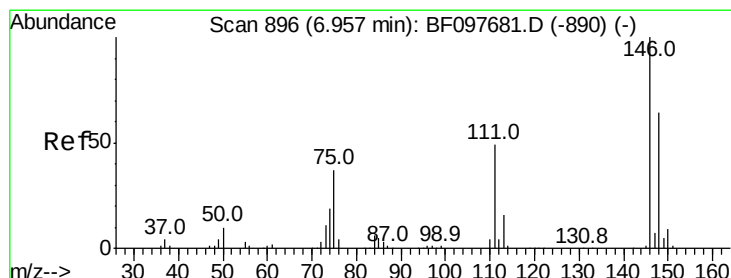
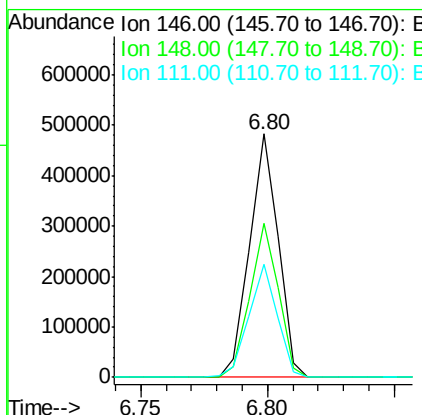
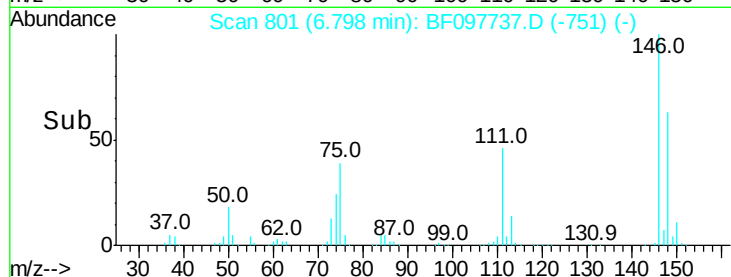
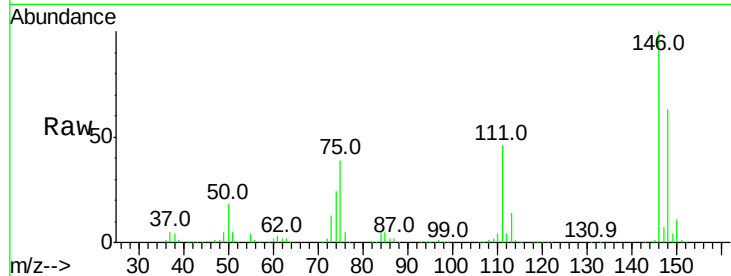
#13
 1,4-Dichlorobenzene
 Concen: 31.557 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	46.2	30.3	45.5#

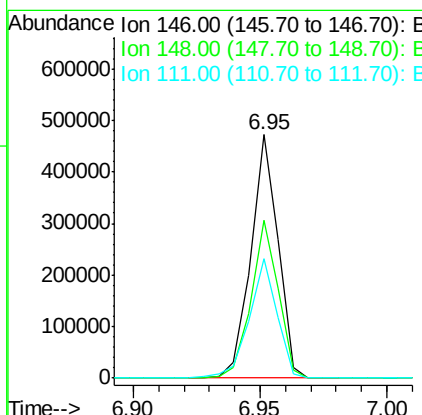
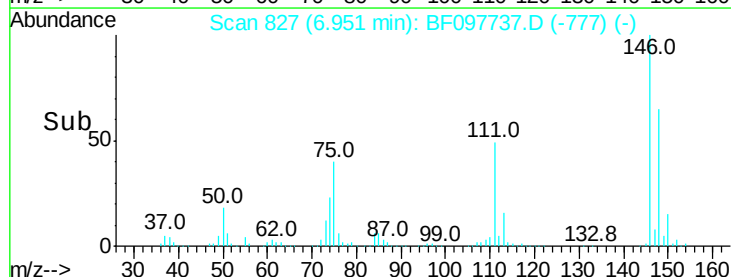
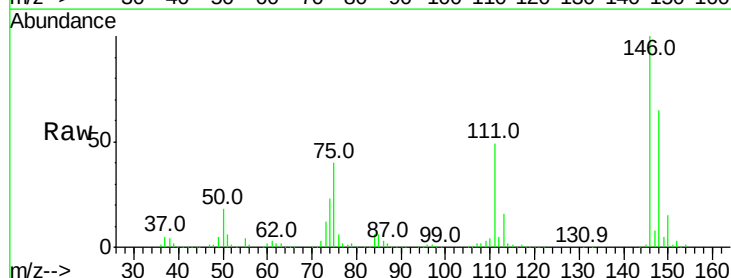
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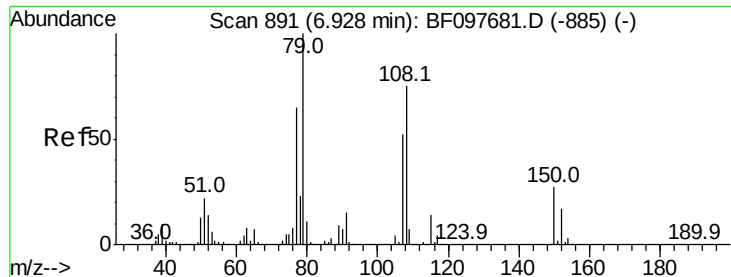
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#14
 1,2-Dichlorobenzene
 Concen: 31.635 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.4	75.6
111	49.1	38.2	57.4





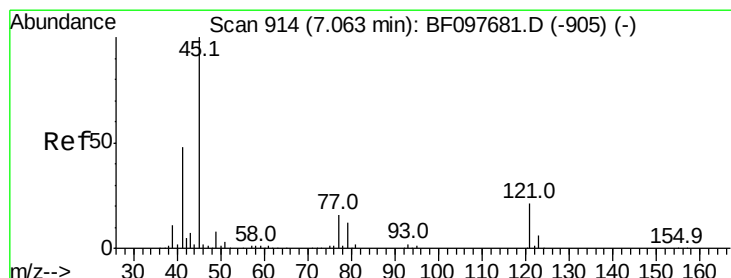
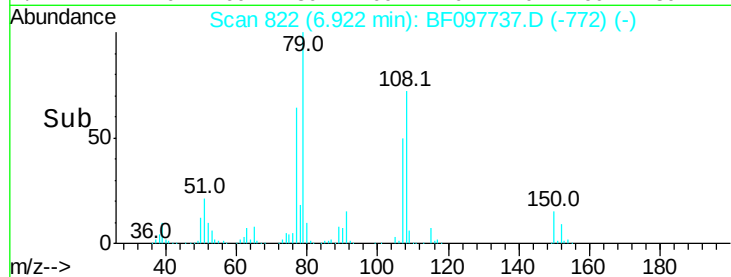
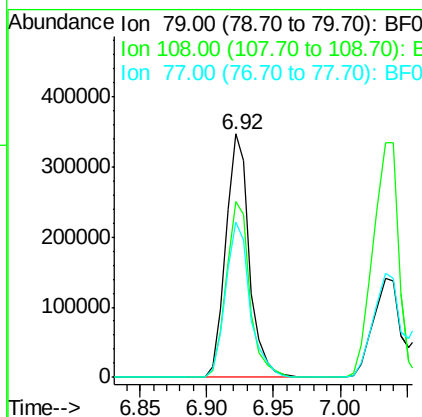
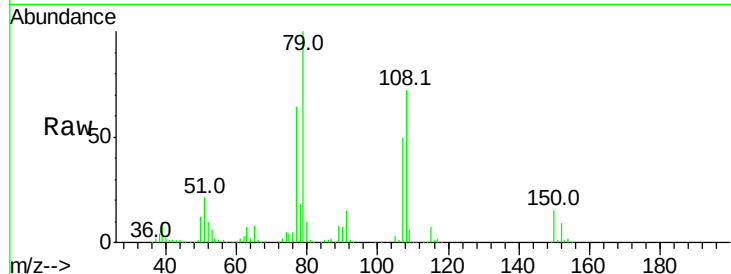
#15
Benzyl Alcohol
Concen: 40.514 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.0	63.4	95.0
77	63.6	49.2	73.8

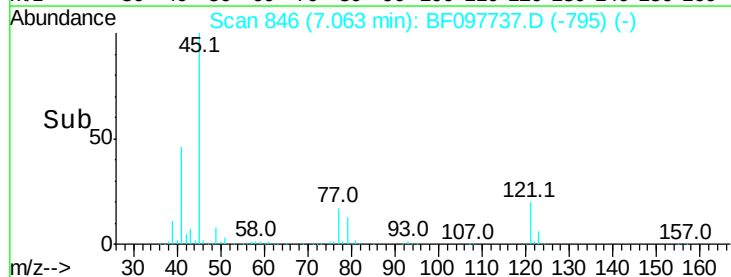
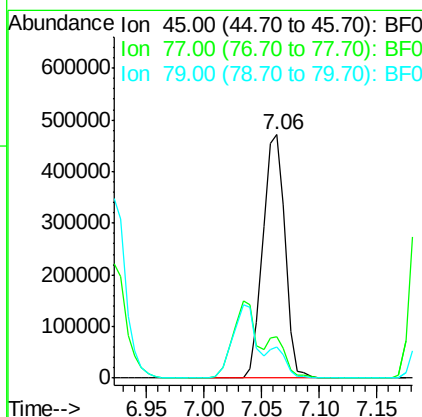
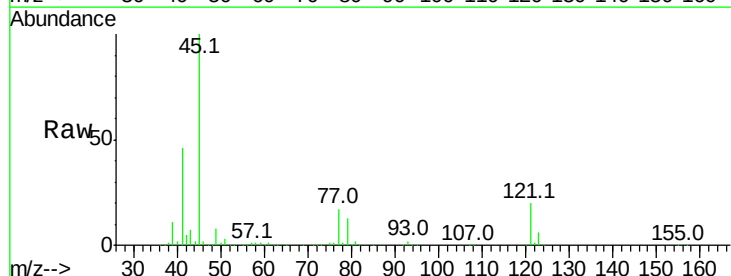
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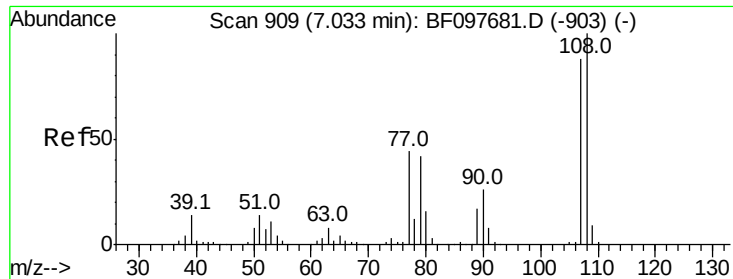
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.762 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	33.2
79	12.8	0.0	30.0





#17

2-Methylphenol

Concen: 39.150 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

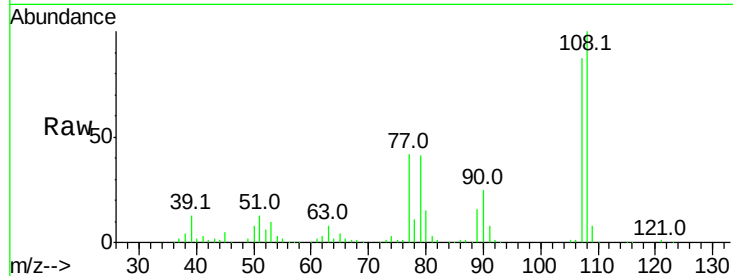
ClientSampleId :

SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	93.4	140.0	
77	48.6	35.8	53.6	
79	47.0	34.8	52.2	

Manual Integrations
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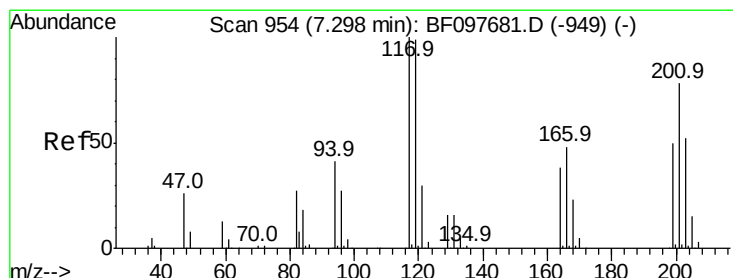
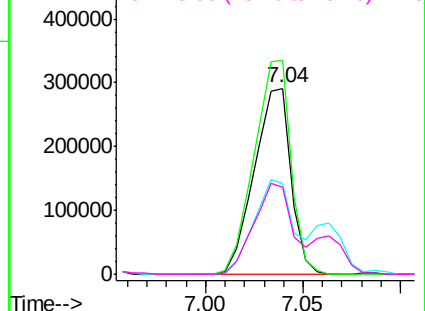
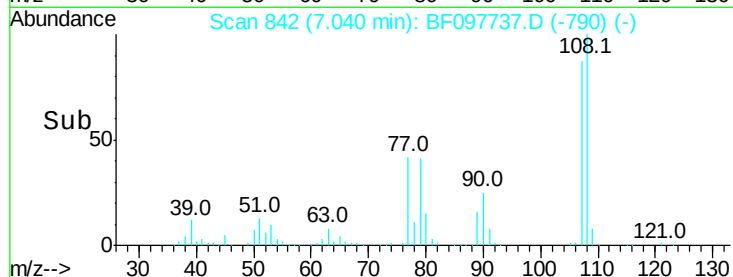


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.218 ng

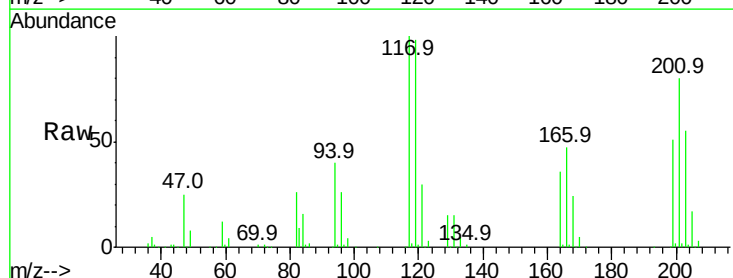
RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

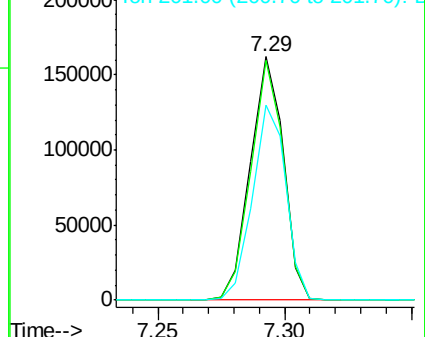
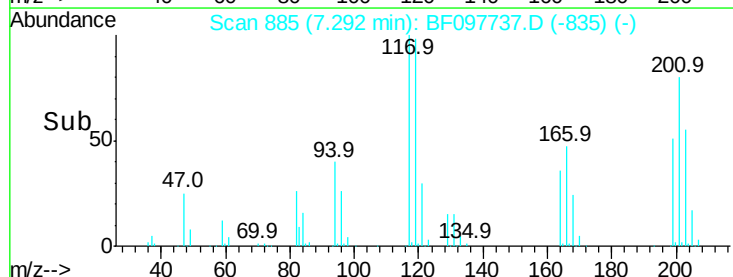
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.3	77.4	116.0	
201	80.1	94.6	141.8#	

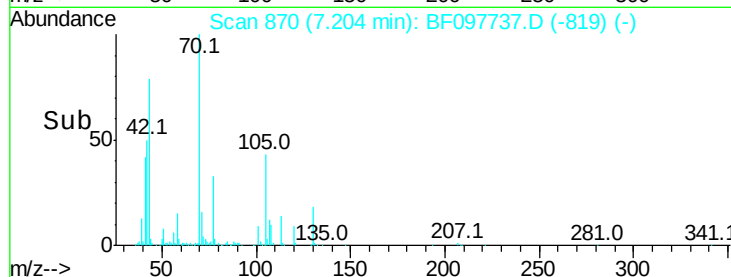
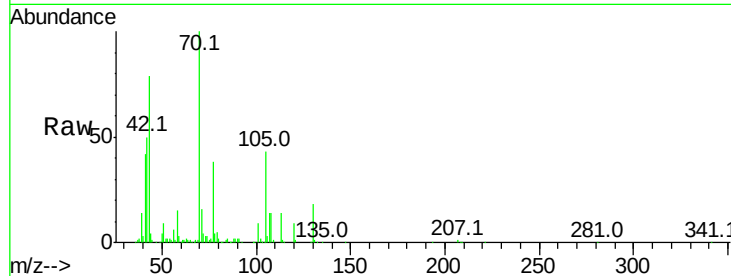
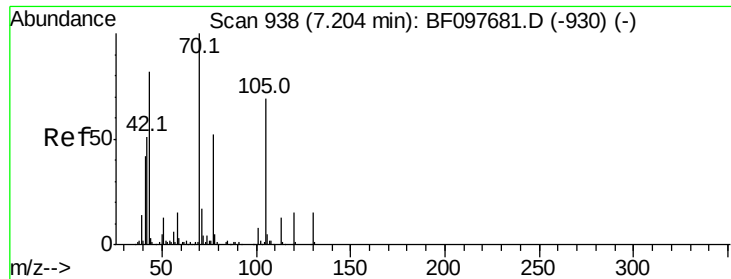


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





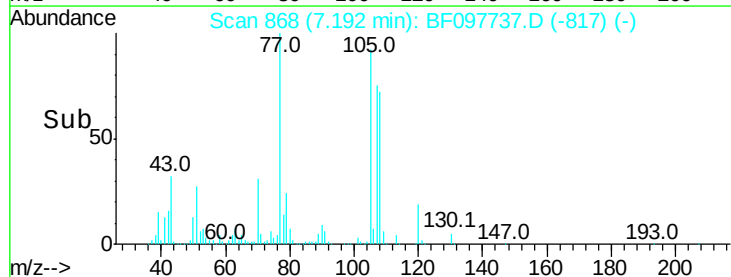
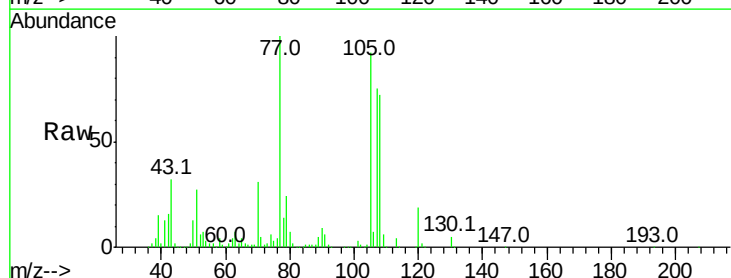
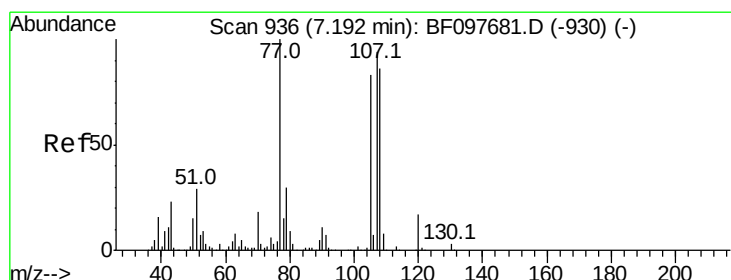
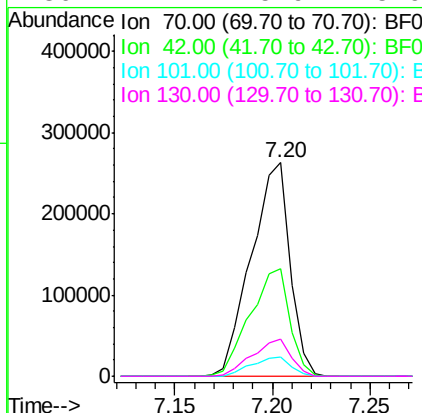
#19
n-Nitroso-di-n-propylamine
Concen: 37.314 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.2	47.2	70.8	
101	8.8	7.2	10.8	
130	17.7	15.9	23.9	

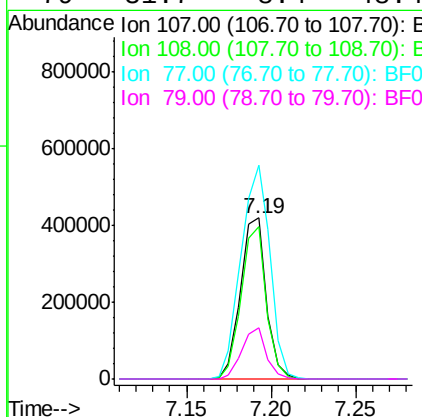
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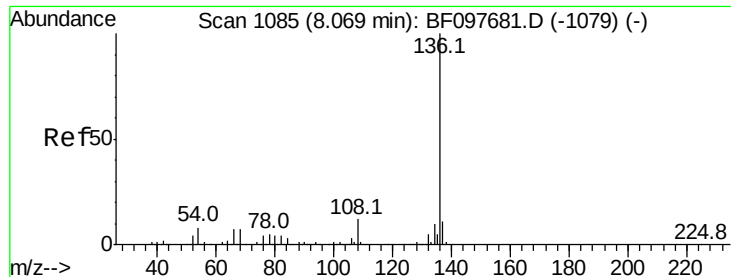
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#20
3+4-Methylphenols
Concen: 37.677 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.0	71.0	111.0	
77	132.8	90.5	130.5#	
79	31.7	8.4	48.4	





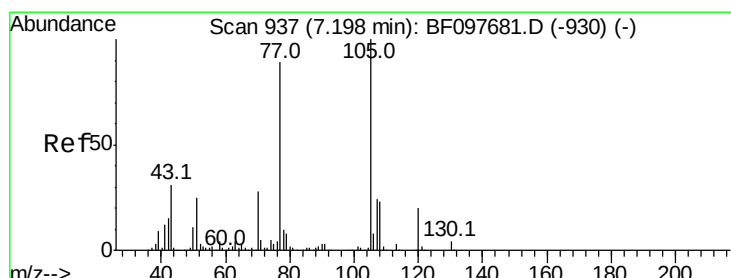
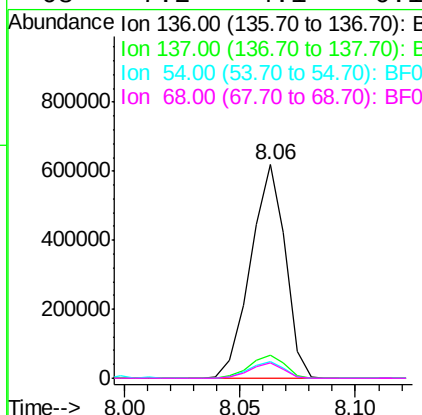
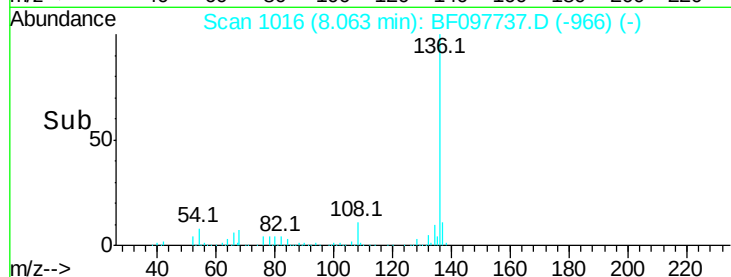
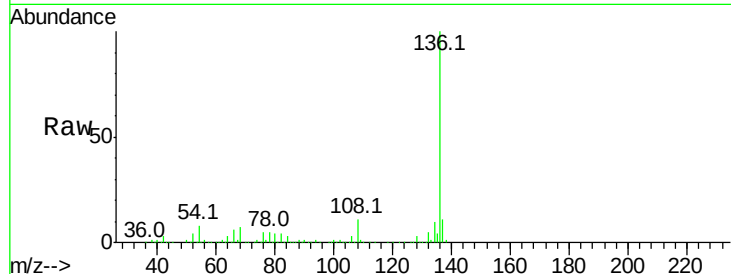
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	649909		
137	10.8	8.5	12.7	
54	7.6	4.9	7.3#	
68	7.2	4.1	6.1#	

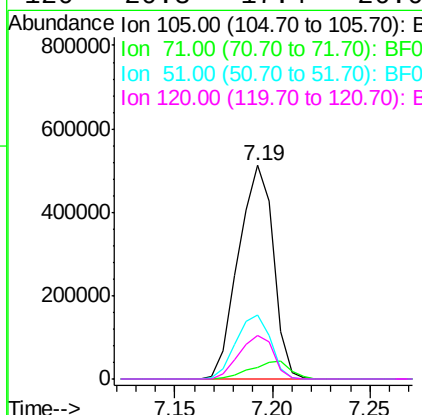
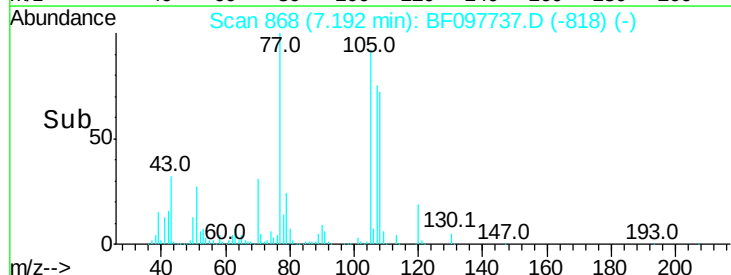
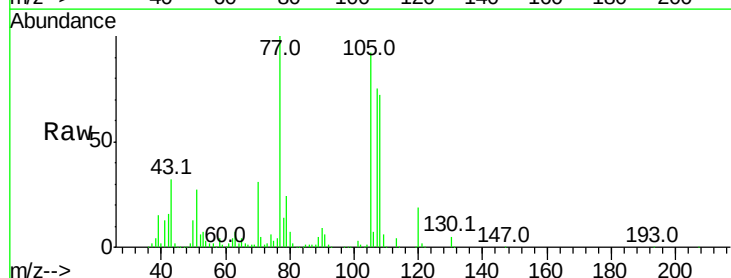
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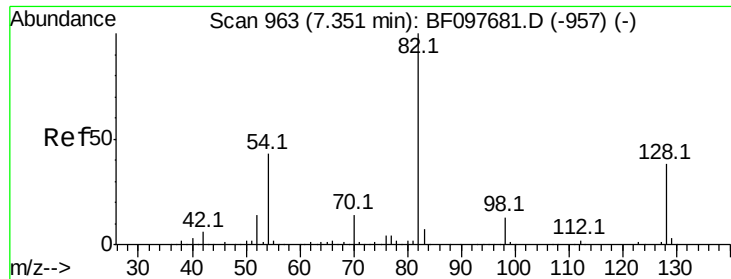
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#22
Acetophenone
Concen: 37.049 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636099		
71	5.7	2.8	4.2#	
51	29.9	30.7	46.1#	
120	20.3	17.4	26.0	





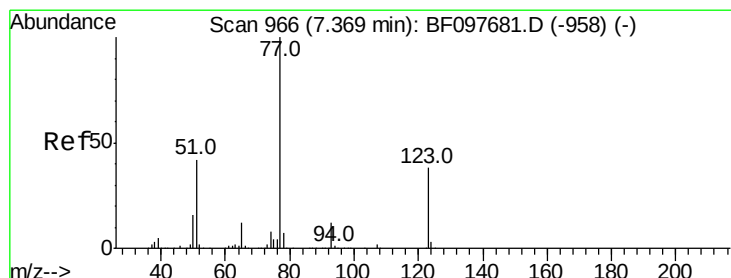
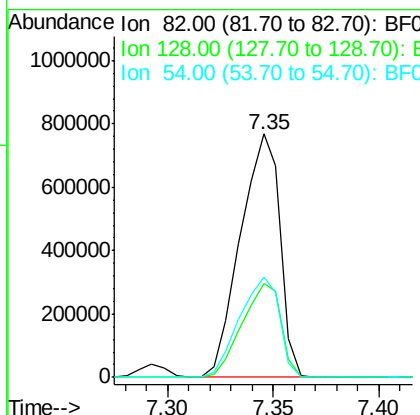
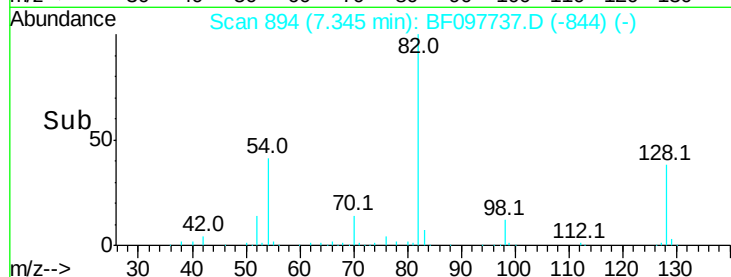
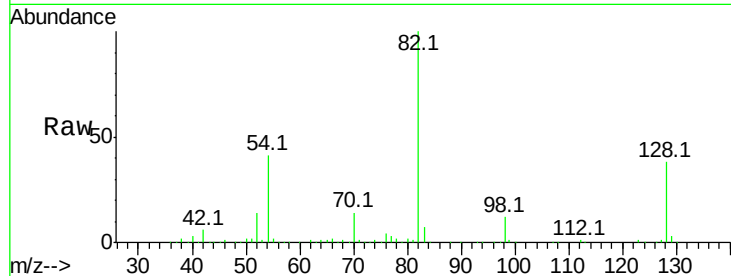
#23
Nitrobenzene-d5
Concen: 83.180 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.3	34.0	51.0	
54	41.4	42.2	63.2	

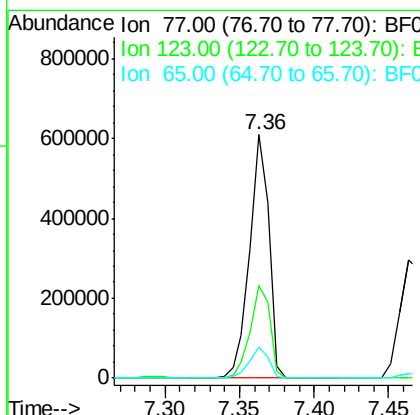
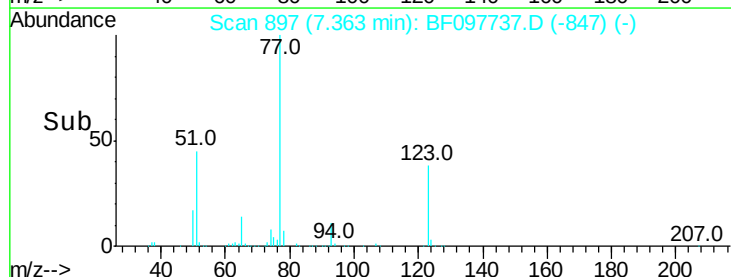
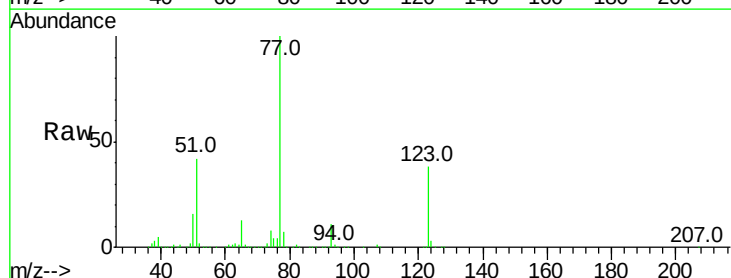
Manual Integrations
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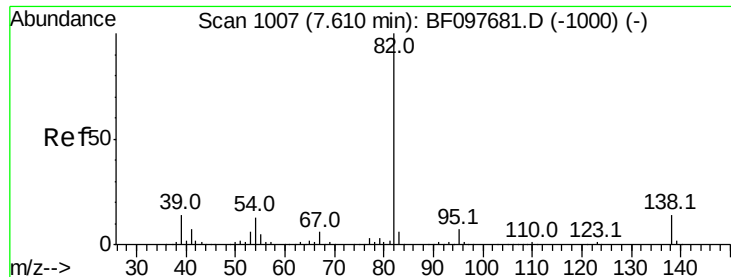
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#24
Nitrobenzene
Concen: 41.056 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	38.0	35.8	53.8	
65	12.7	10.6	15.8	





#25

Isophorone

Concen: 40.892 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

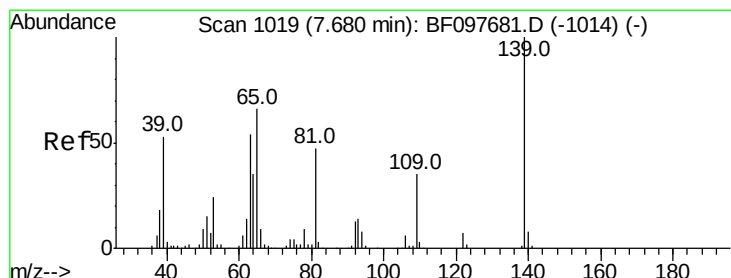
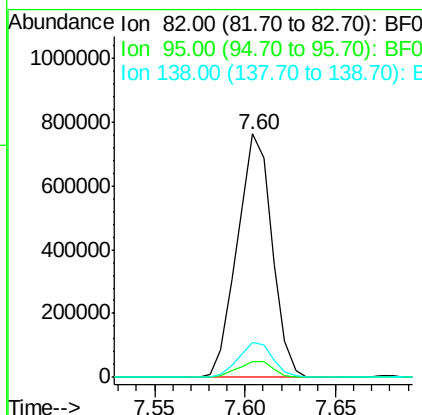
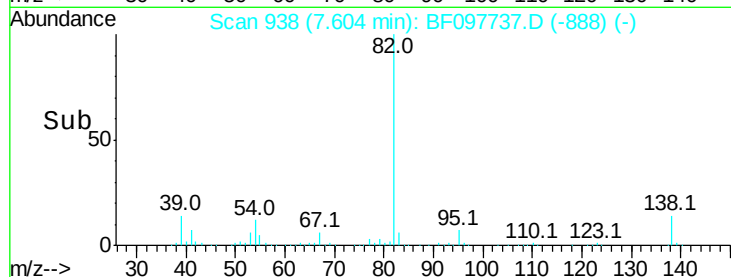
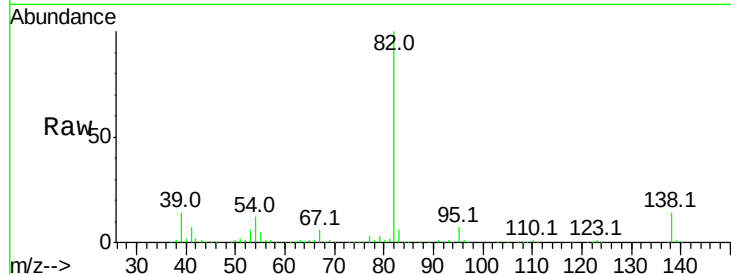
ClientSampleId :

SU-02-081117MS

Tot Ion:	82	Resp:	1017241
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	14.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.014 ng

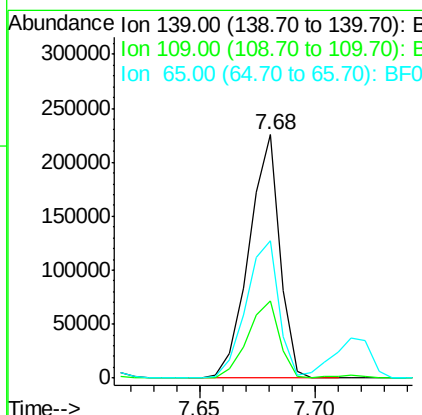
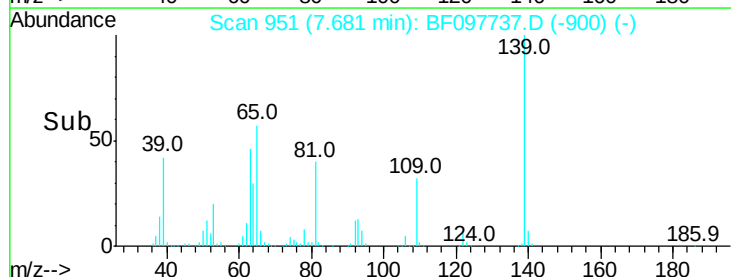
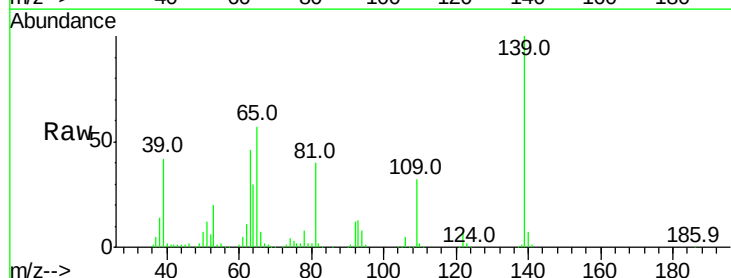
RT: 7.68 min Scan# 951

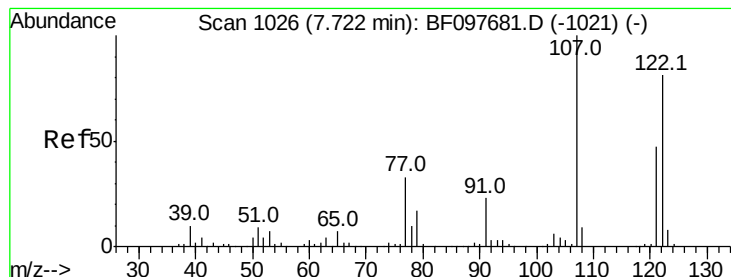
Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	139	Resp:	210044
Ion	Ratio	Lower	Upper
139	100		
109	31.7	21.0	31.6#
65	56.7	33.0	49.6#





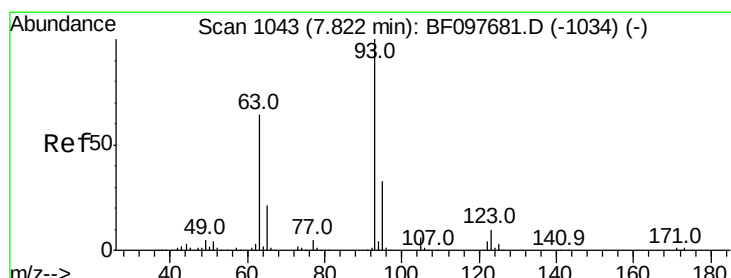
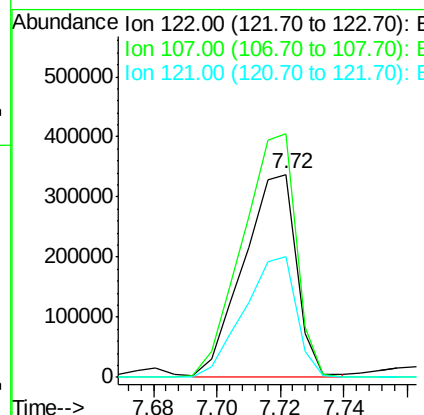
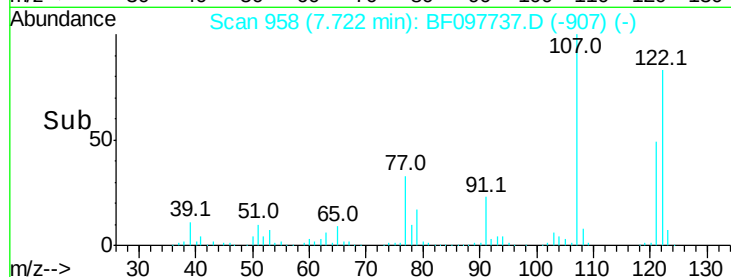
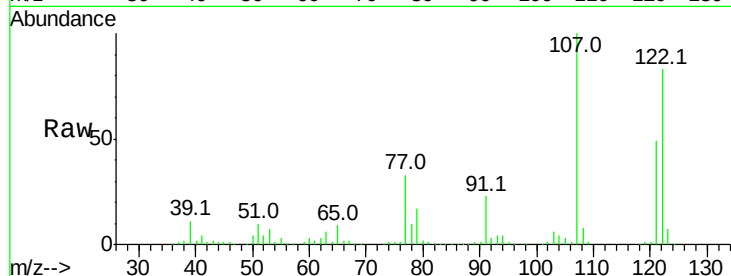
#27
 2,4-Dimethylphenol
 Concen: 37.941 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:	122	Resp:	393627
Ion Ratio	Lower	Upper	
122	100		
107	120.0	89.2	133.8
121	59.4	45.2	67.8

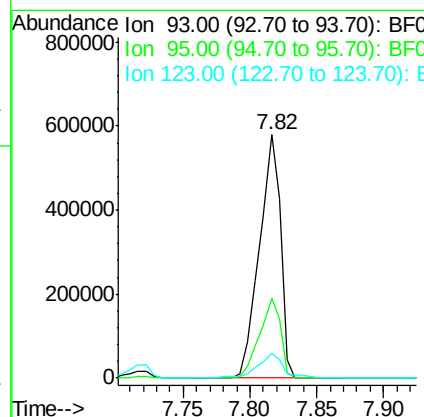
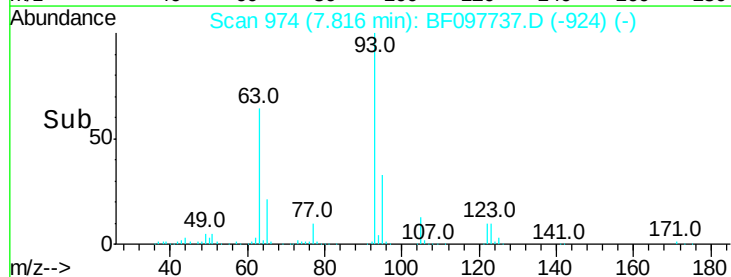
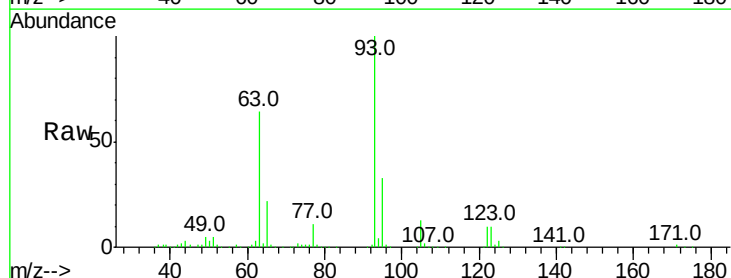
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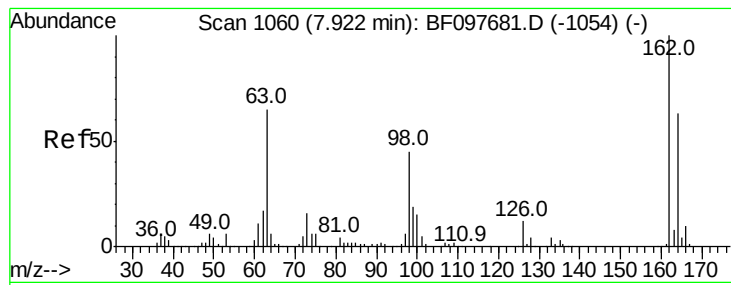
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.053 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:	93	Resp:	622346
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	9.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 39.581 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

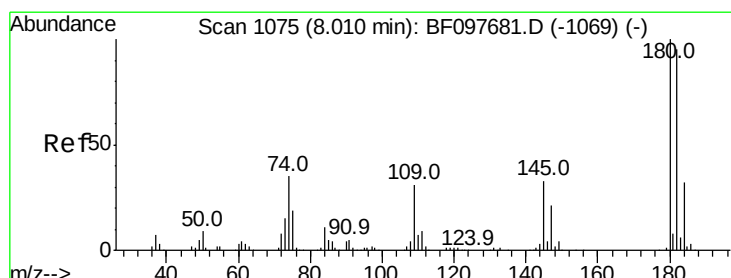
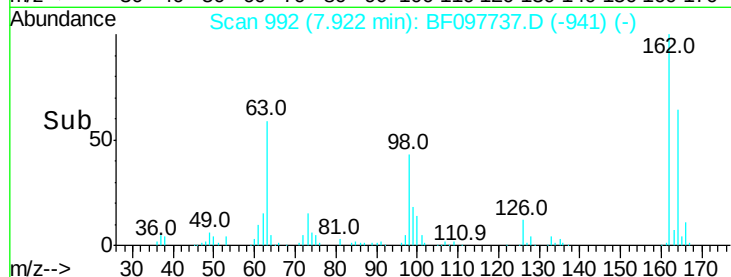
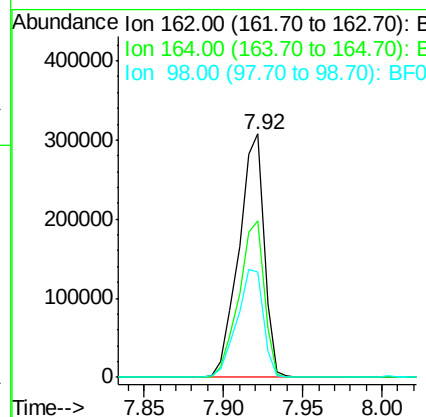
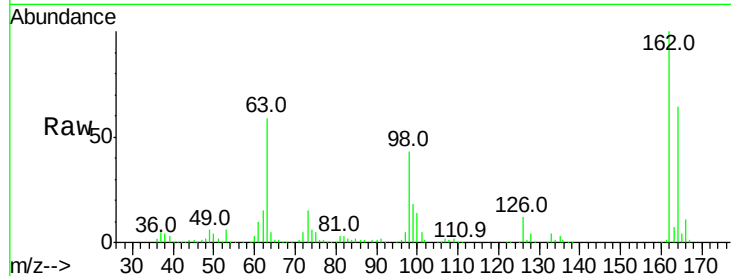
ClientSampleId :

SU-02-081117MS

Tot Ion:	162	Resp:	340878
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.6	84.6
98	43.3	14.8	54.8

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#30

1,2,4-Trichlorobenzene

Concen: 33.883 ng

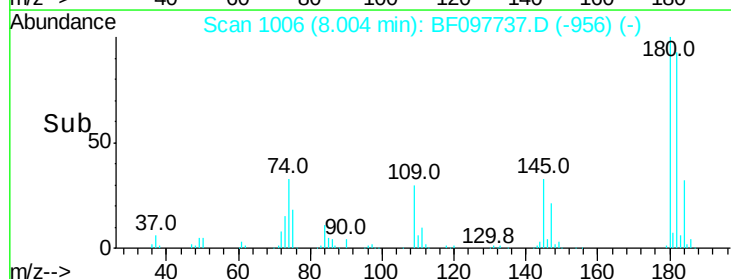
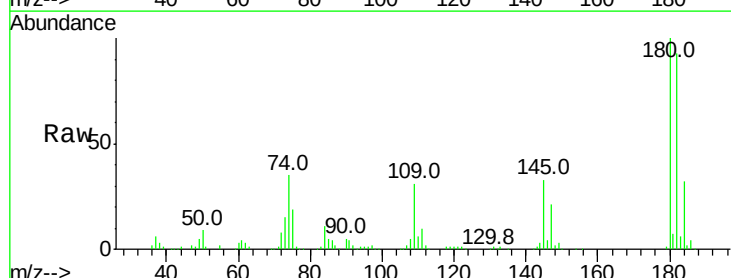
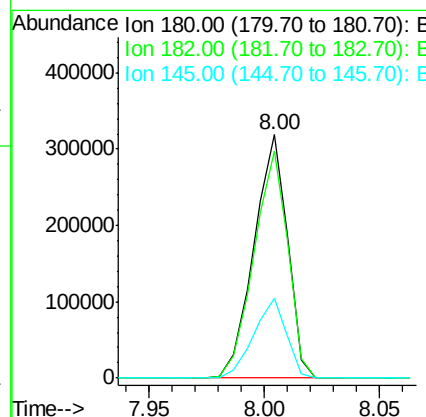
RT: 8.00 min Scan# 1006

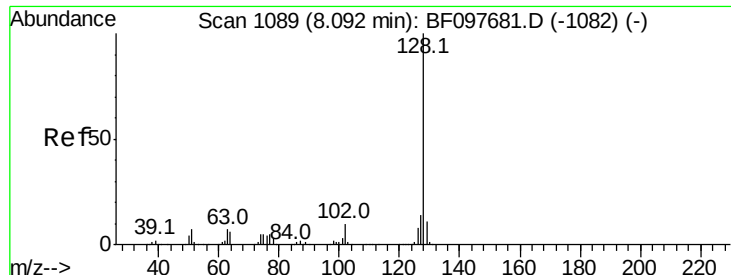
Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	180	Resp:	323479
Ion Ratio	Lower	Upper	
180	100		
182	93.3	75.8	113.6
145	33.0	25.3	37.9





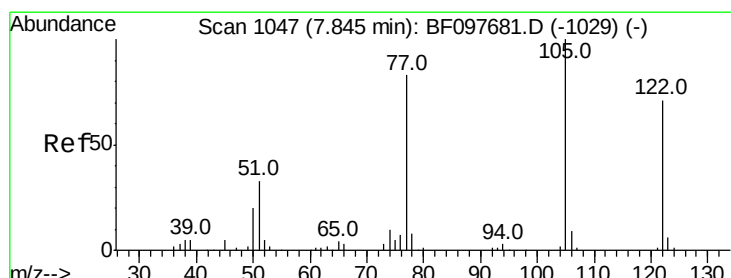
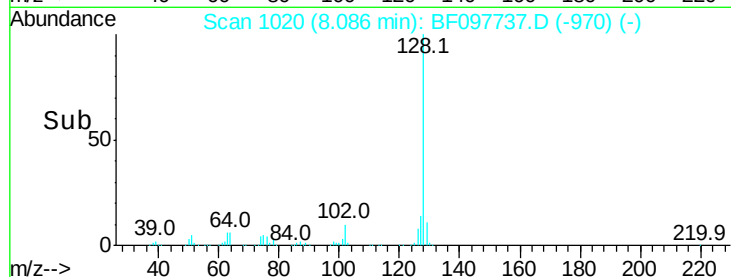
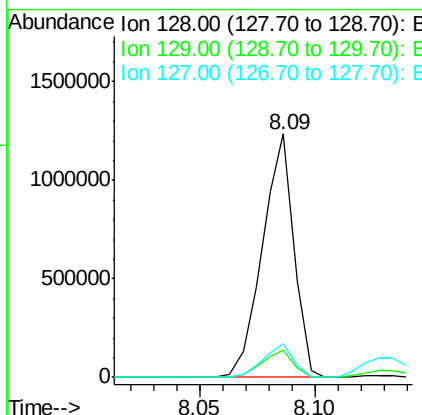
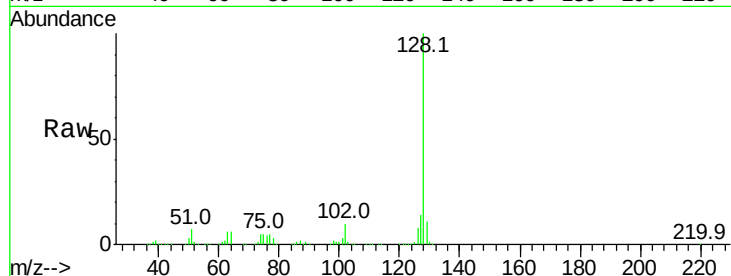
#31
Naphthalene
Concen: 34.664 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion:128 Resp: 1169554
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.6 10.8 16.2

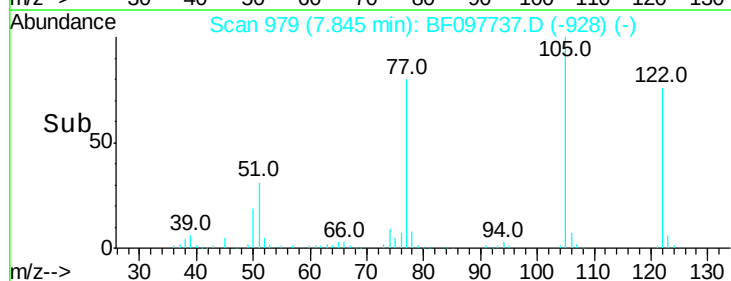
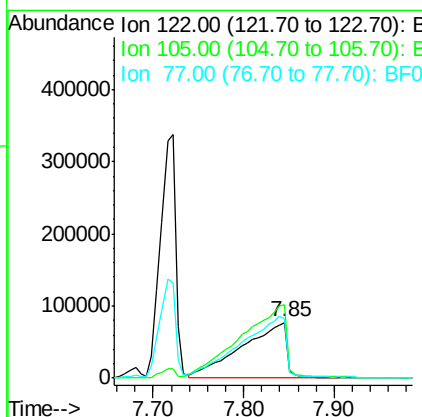
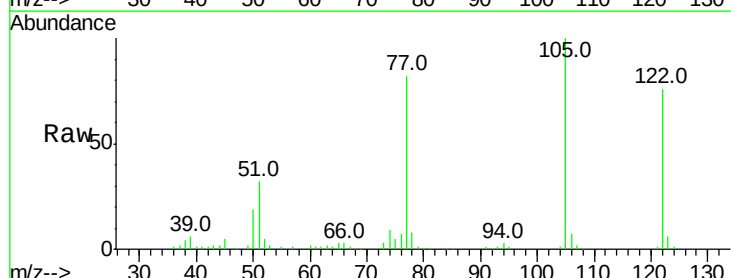
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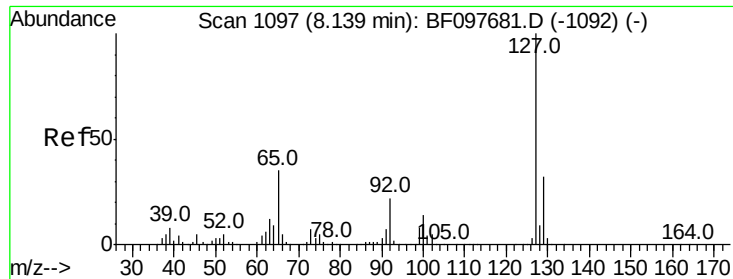
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#32
Benzoic acid
Concen: 36.856 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:122 Resp: 265624
Ion Ratio Lower Upper
122 100
105 131.1 103.3 143.3
77 107.6 73.7 113.7





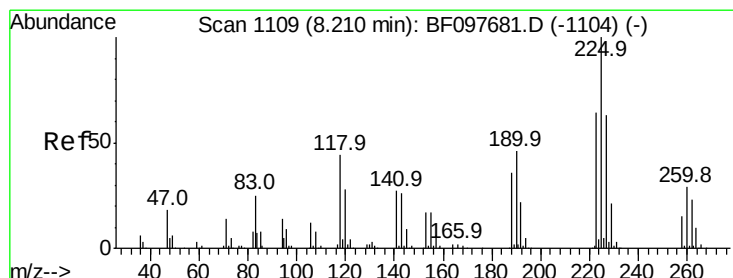
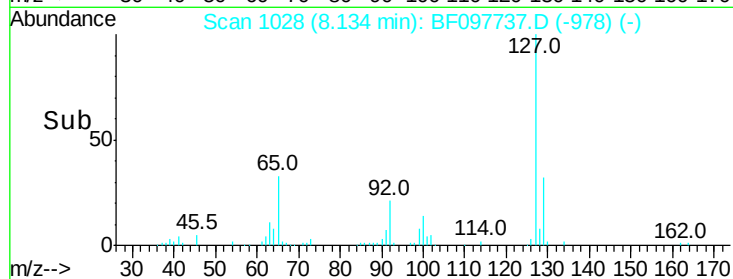
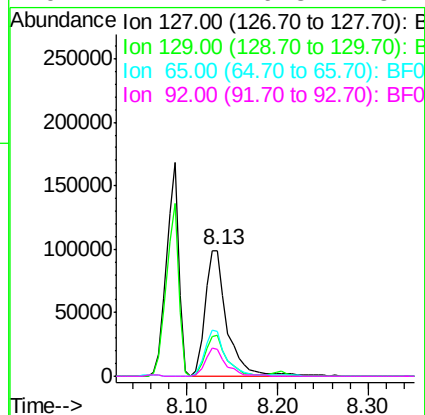
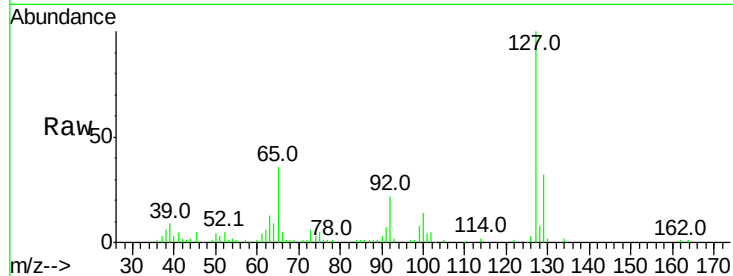
#33
4-Chloroaniline
Concen: 11.845 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	35.9	27.8	41.8		
92	21.7	16.8	25.2		

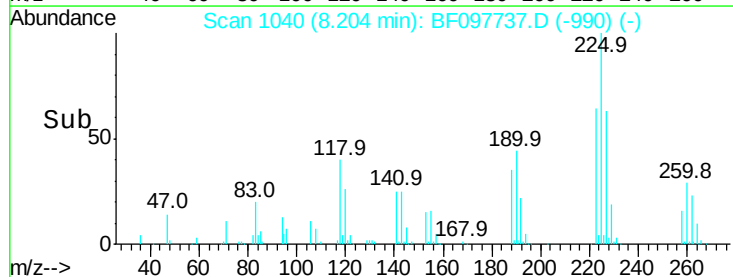
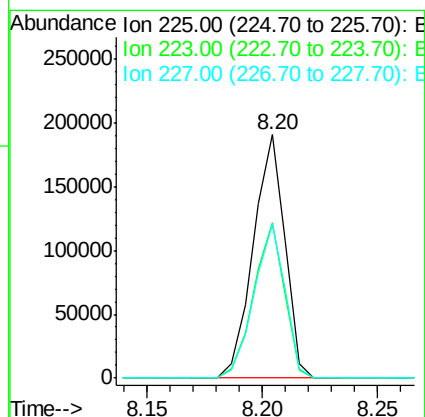
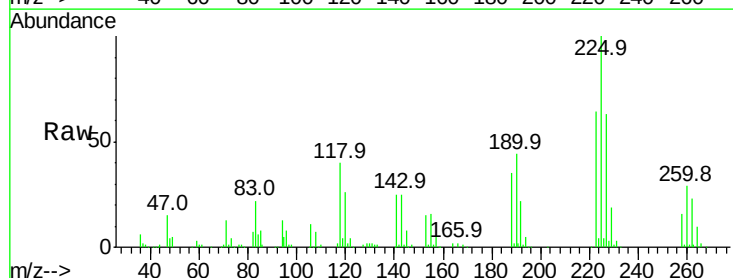
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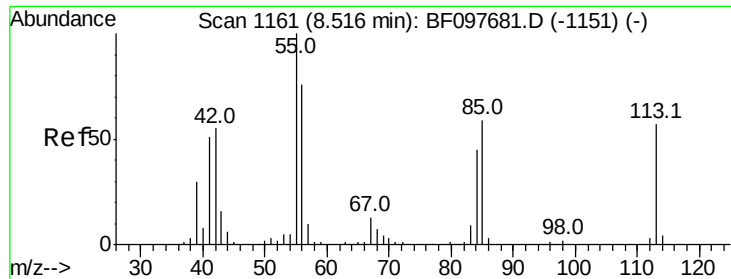
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#34
Hexachlorobutadiene
Concen: 32.736 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	48.8	73.2		
227	63.3	51.1	76.7		





#35

Caprolactam

Concen: 35.676 ng/ml

RT: 8.51 min Scan# 1092

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

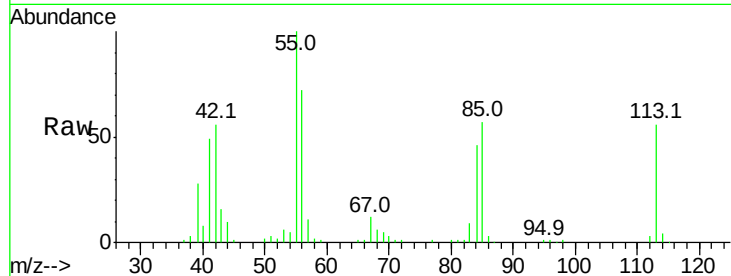
ClientSampleId :

SU-02-081117MS

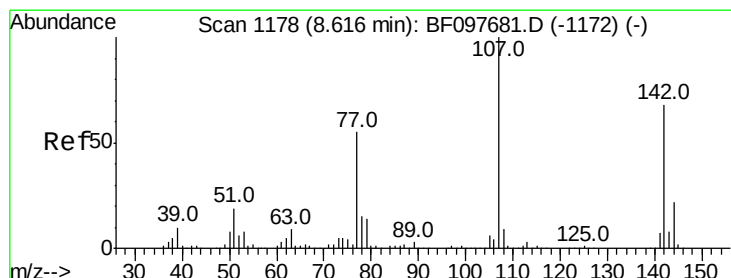
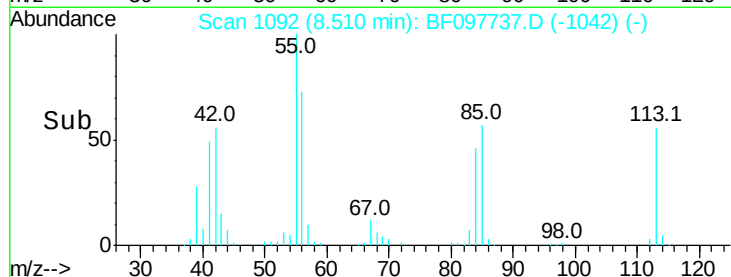
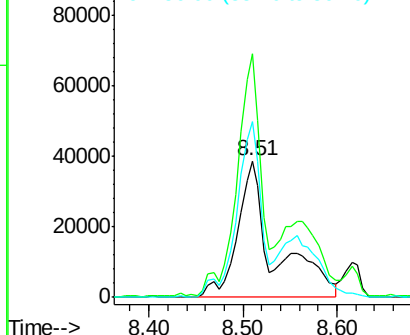
Tot Ion:113 Resp: 104452
 Ion Ratio Lower Upper
 113 100
 55 178.8 150.2 190.2
 56 129.2 107.8 147.8

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Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.340 ng/ml

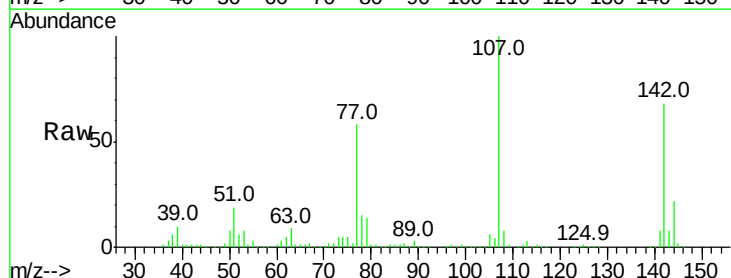
RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

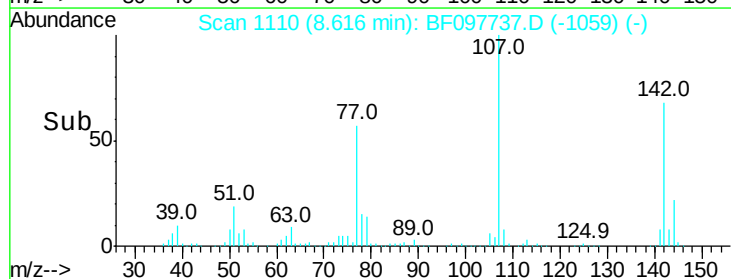
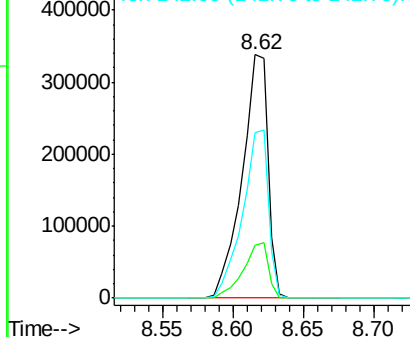
Lab File: BF097737.D

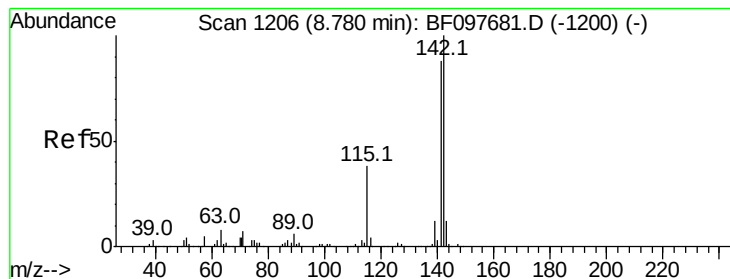
Acq: 16 Aug 2017 14:26

Tgt Ion:107 Resp: 435291
 Ion Ratio Lower Upper
 107 100
 144 21.9 24.2 36.4#
 142 68.1 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.997 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

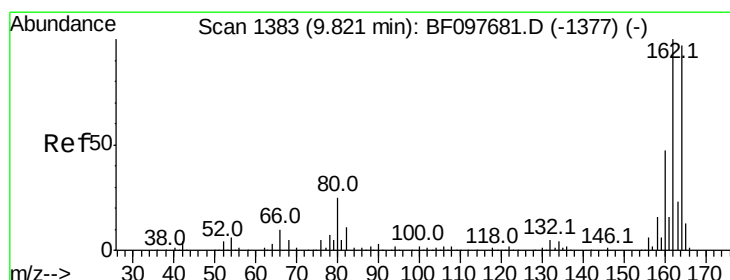
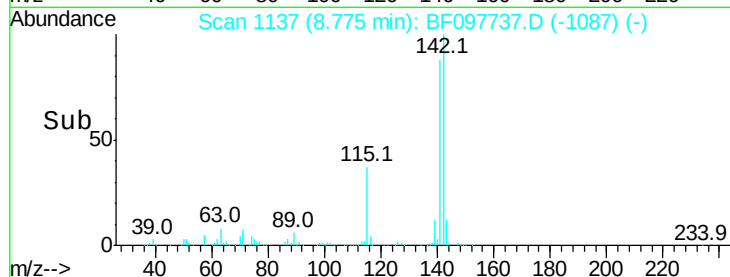
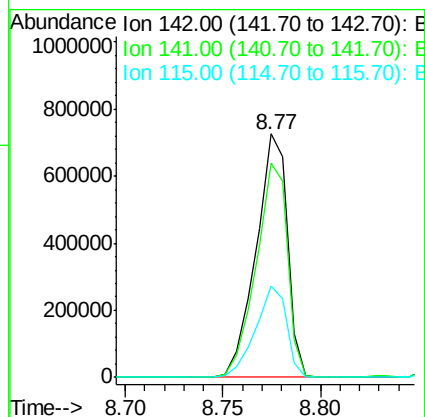
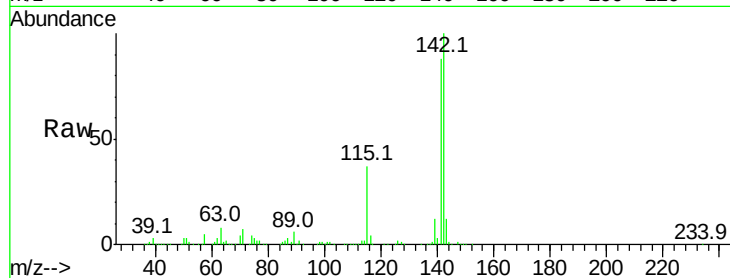
ClientSampleId :

SU-02-081117MS

Tot Ion:	142	Resp:	806682
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.3	106.9
115	37.3	27.1	40.7

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#38

Acenaphthene-d10

Concen: 20.000 ng

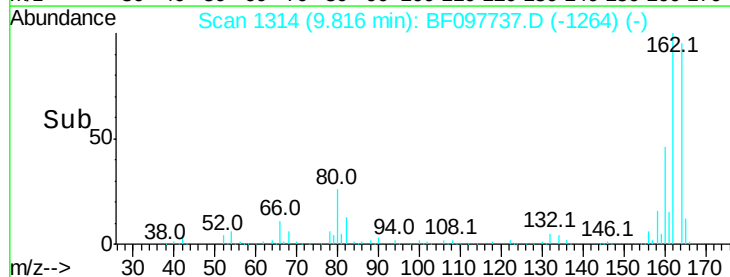
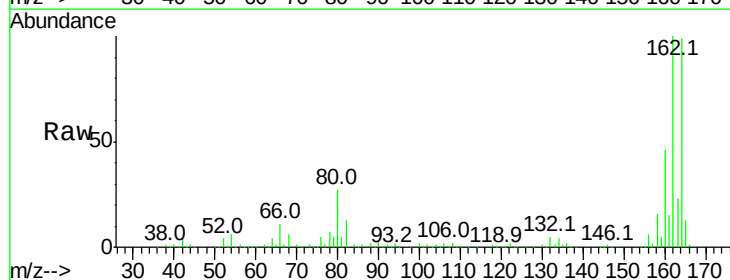
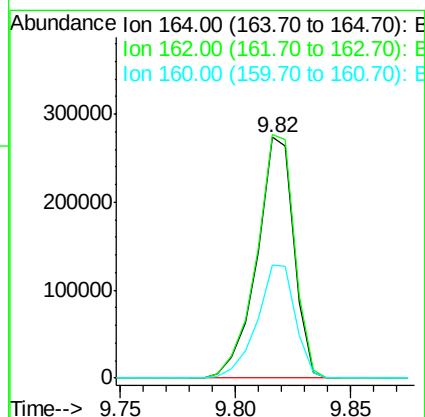
RT: 9.82 min Scan# 1314

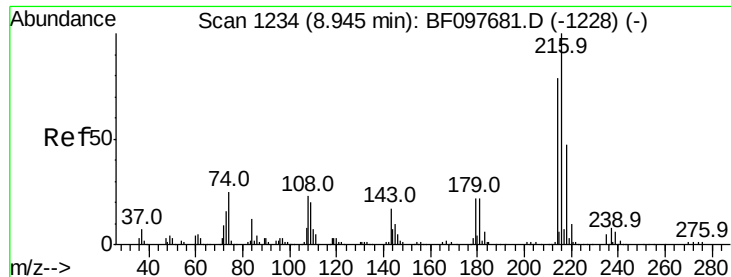
Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	164	Resp:	305150
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.6	123.8
160	46.9	36.2	54.2





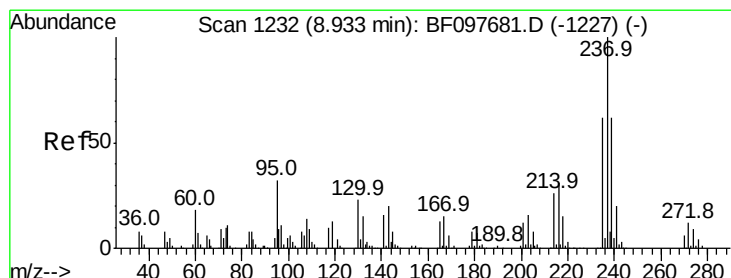
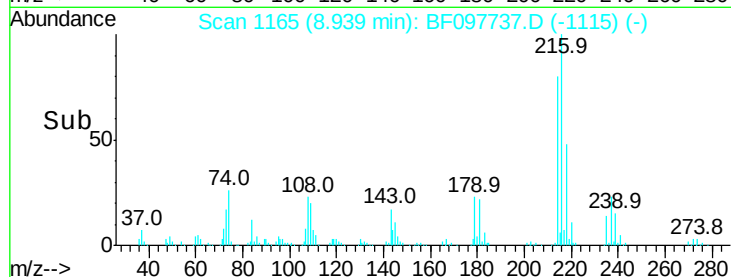
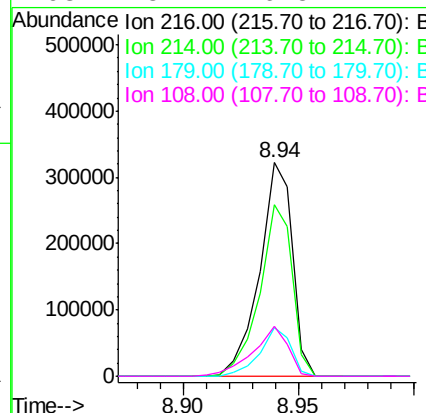
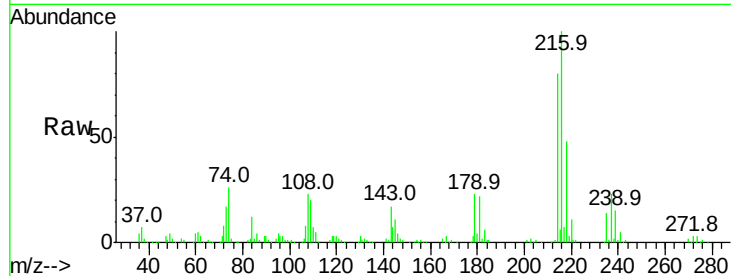
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.165 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.4	95.2
179	21.6	17.9	26.9
108	25.2	16.5	24.7#

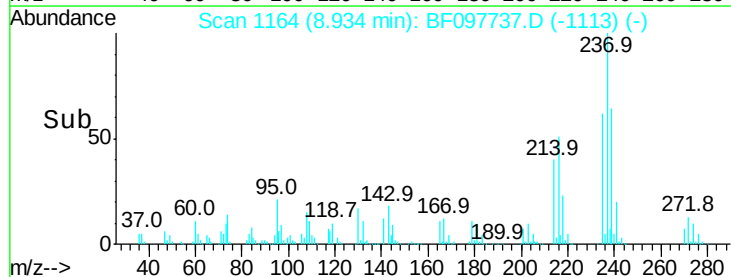
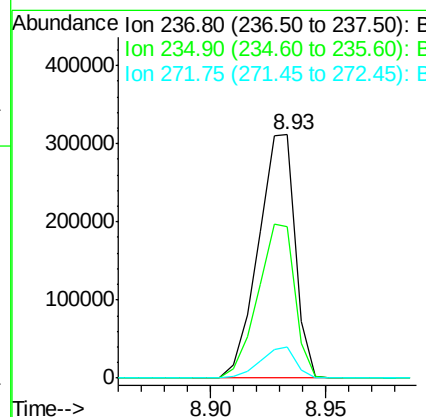
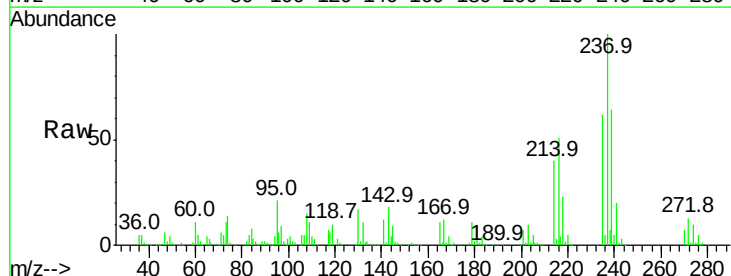
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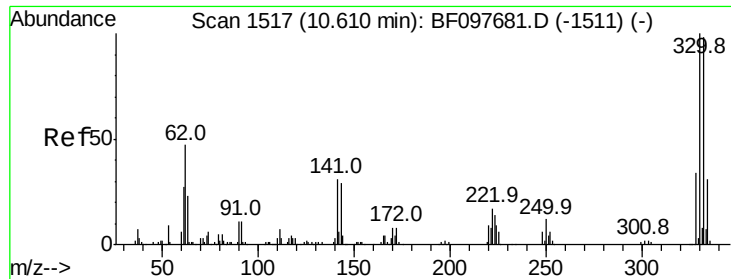
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#40
 Hexachlorocyclopentadiene
 Concen: 77.306 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.9	0.0	31.9





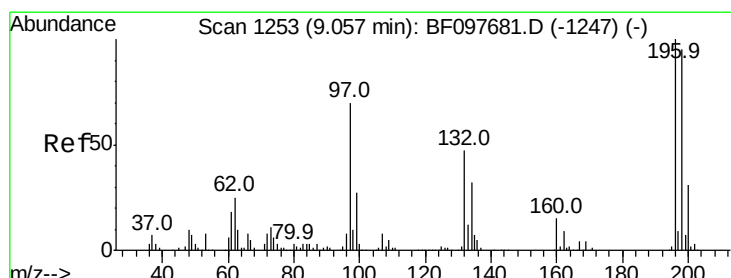
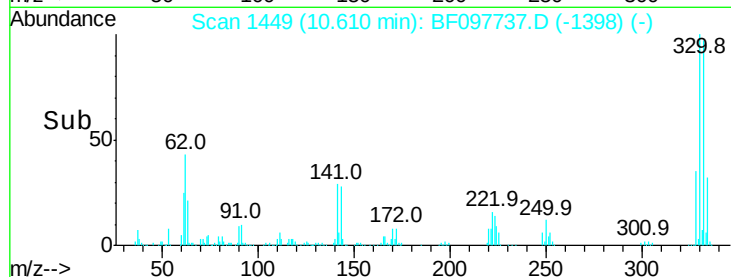
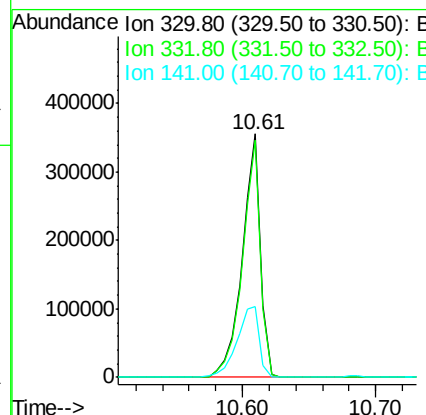
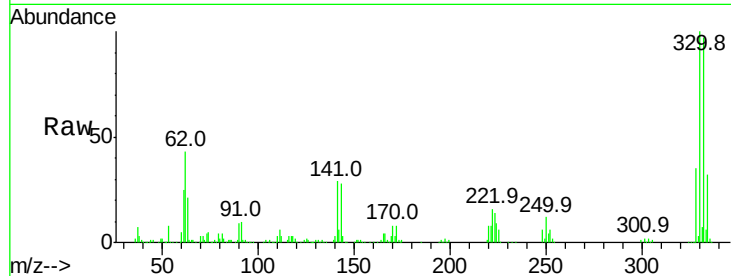
#41
 2,4,6-Tribromophenol
 Concen: 127.799 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	115.0	
141	35.8	31.4	47.2	

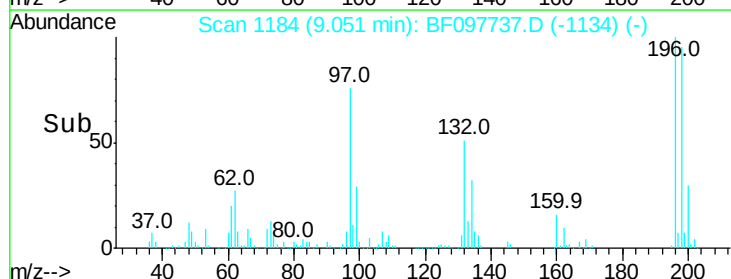
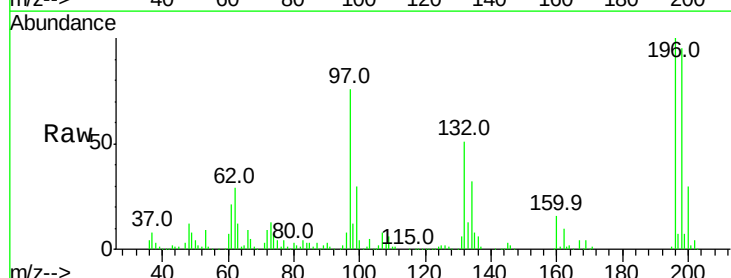
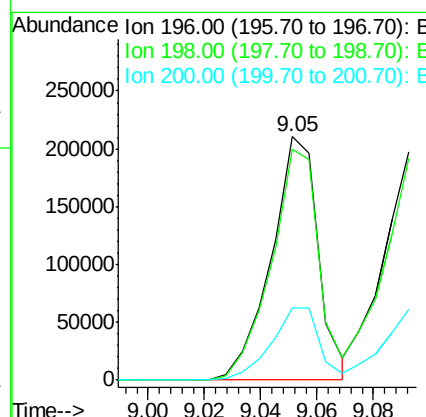
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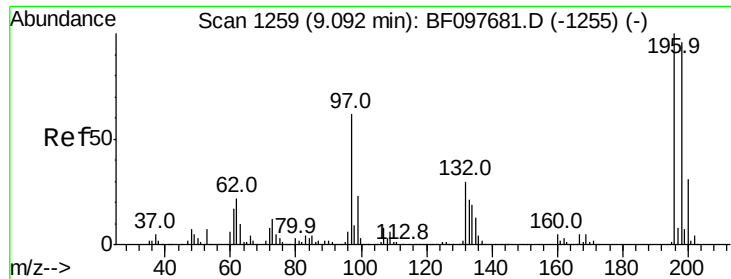
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#42
 2,4,6-Trichlorophenol
 Concen: 38.622 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	74.2	111.4	
200	29.7	24.0	36.0	





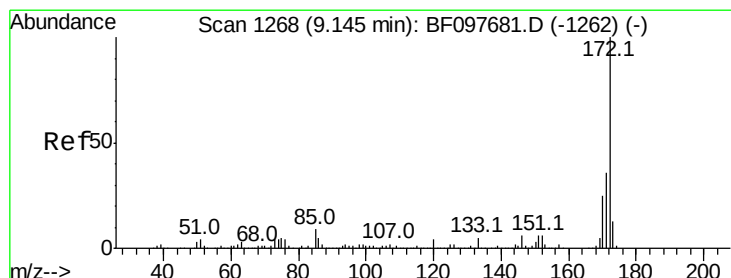
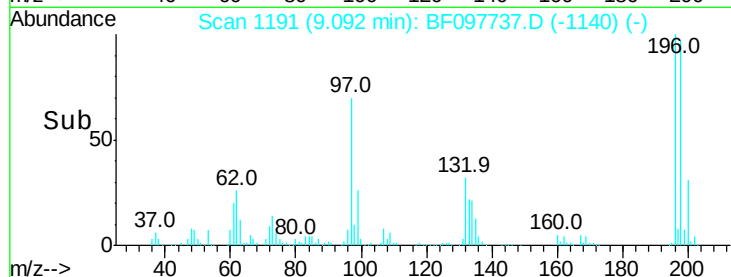
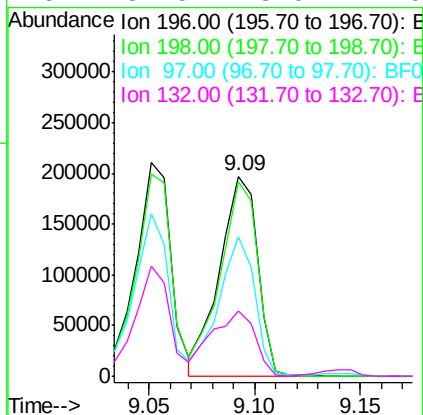
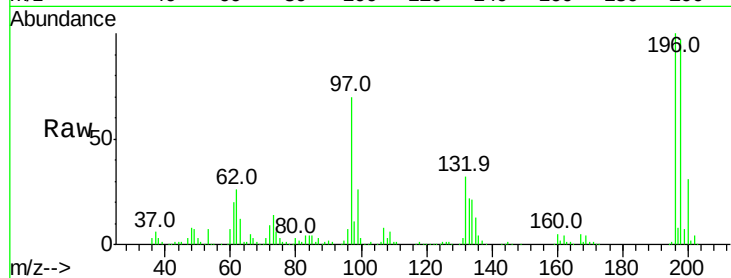
#43
 2,4,5-Trichlorophenol
 Concen: 39.326 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	196	Resp	245296
Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
97	70.0	47.7	71.5
132	32.5	28.0	42.0

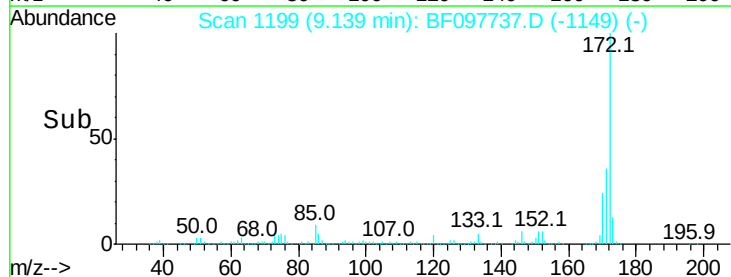
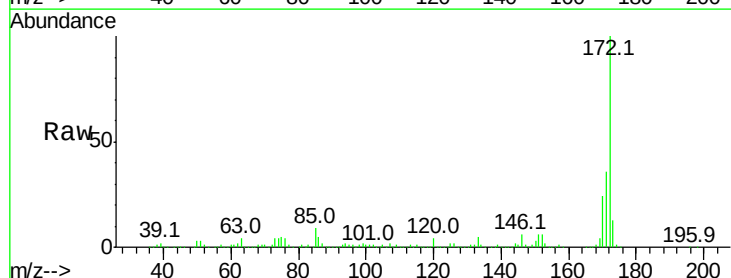
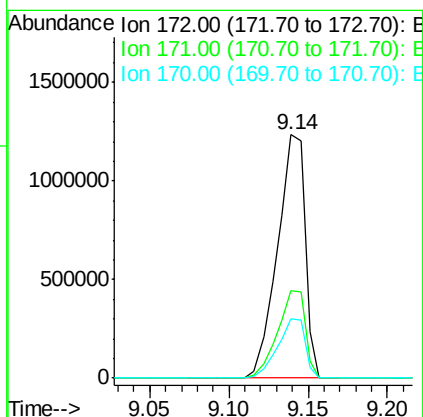
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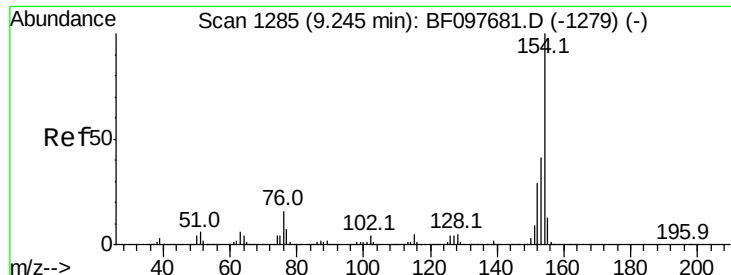
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#44
 2-Fluorobiphenyl
 Concen: 72.057 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	172	Resp	1496597
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 35.052 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

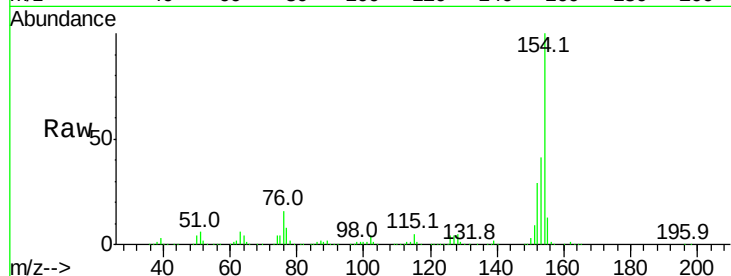
ClientSampleId :

SU-02-081117MS

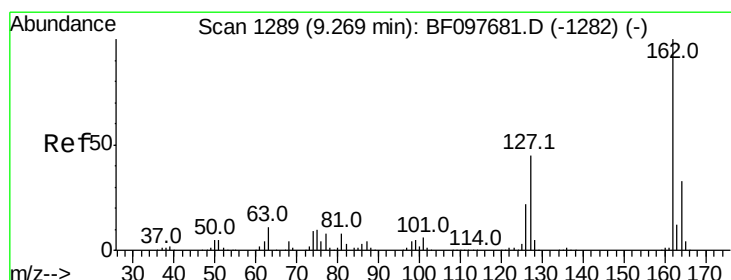
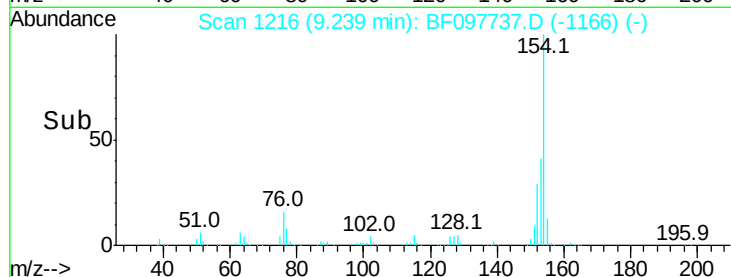
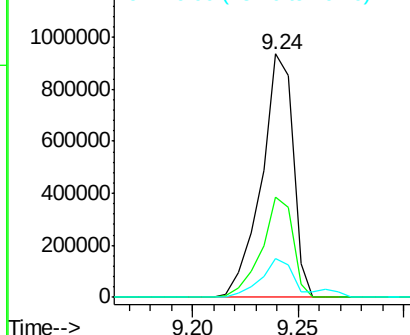
Tot Ion	154	Resp	975389
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	16.2	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 34.465 ng

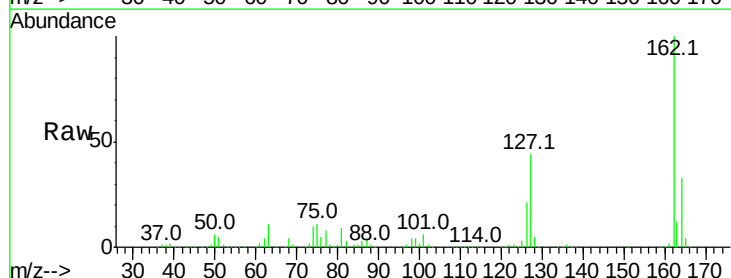
RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

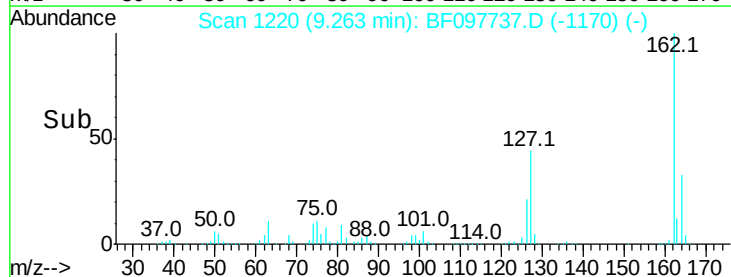
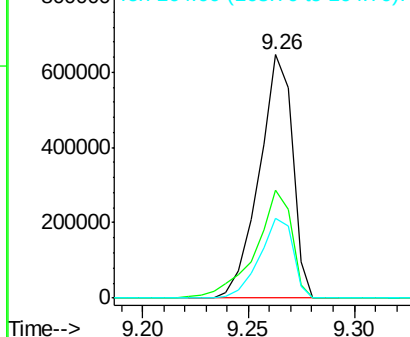
Lab File: BF097737.D

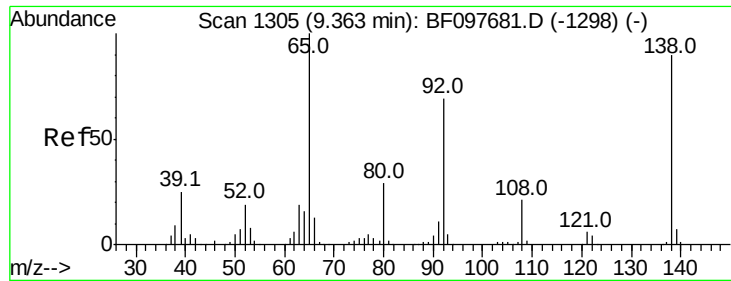
Acq: 16 Aug 2017 14:26

Tgt Ion	162	Resp	708620
Ion Ratio	Lower	Upper	
162	100		
127	44.5	28.3	42.5#
164	32.9	27.0	40.4



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





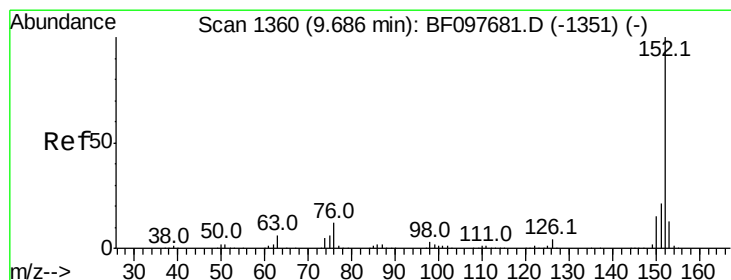
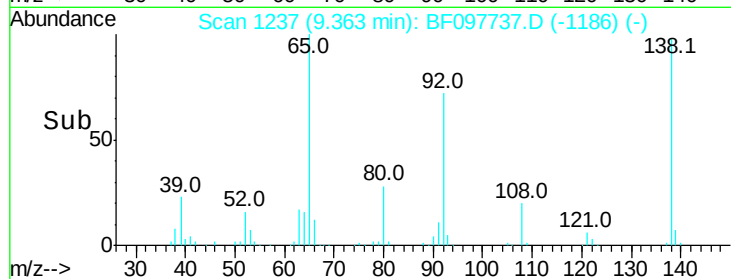
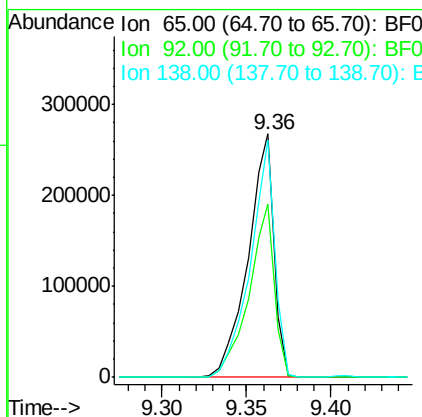
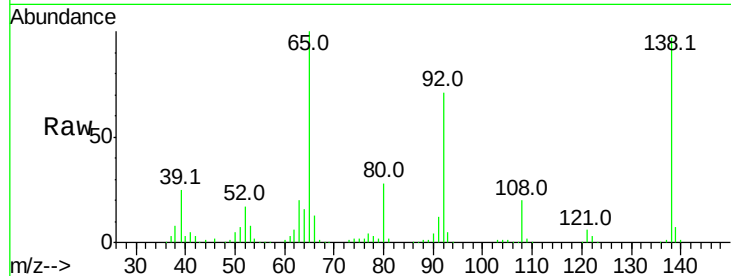
#47
 2-Nitroaniline
 Concen: 41.784 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:	65	Resp:	288005
Ion Ratio	Lower	Upper	
65	100		
92	71.4	53.9	80.9
138	97.2	78.8	118.2

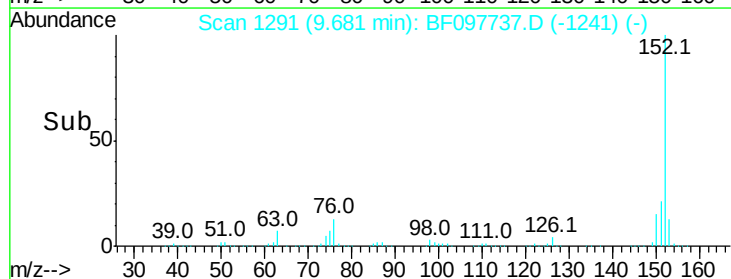
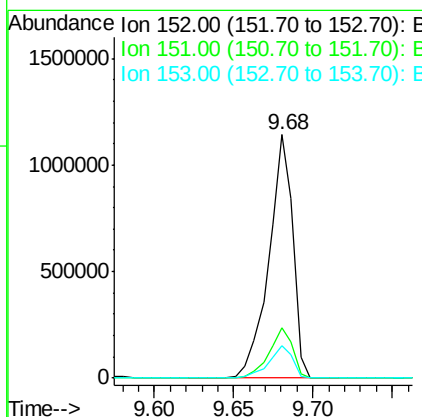
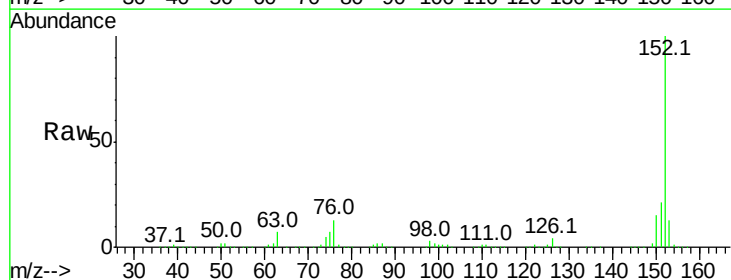
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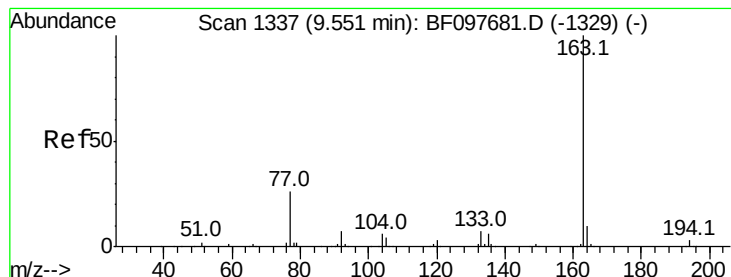
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#48
 Acenaphthylene
 Concen: 37.208 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:	152	Resp:	1201363
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	13.4	10.8	16.2





#49

Dimethylphthalate

Concen: 39.781 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

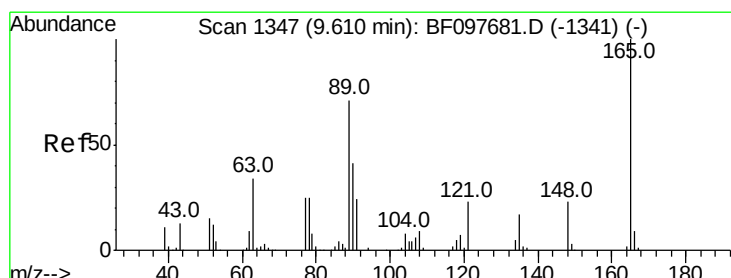
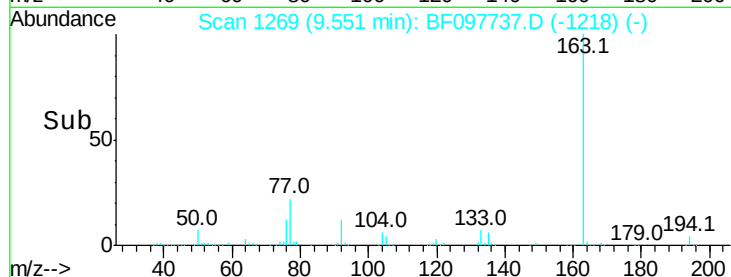
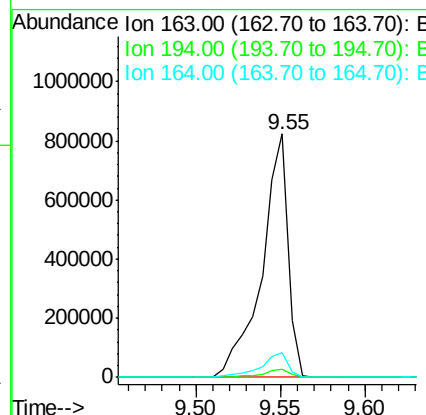
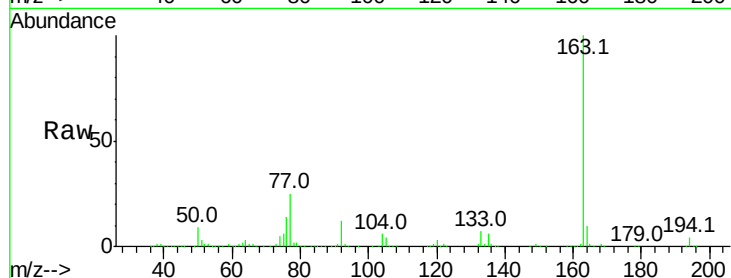
ClientSampleId :

SU-02-081117MS

Tot Ion	163	Resp	887339
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 42.717 ng

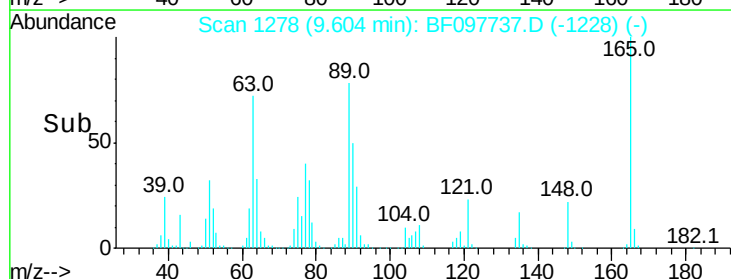
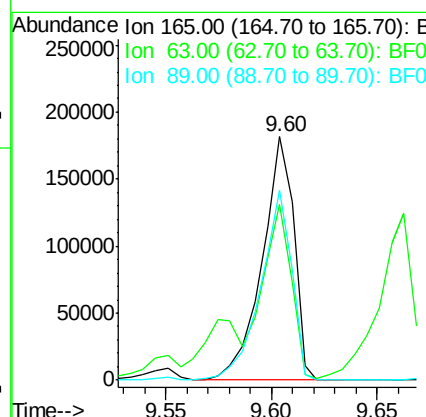
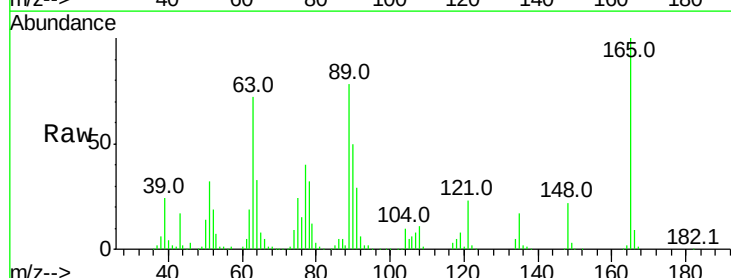
RT: 9.60 min Scan# 1278

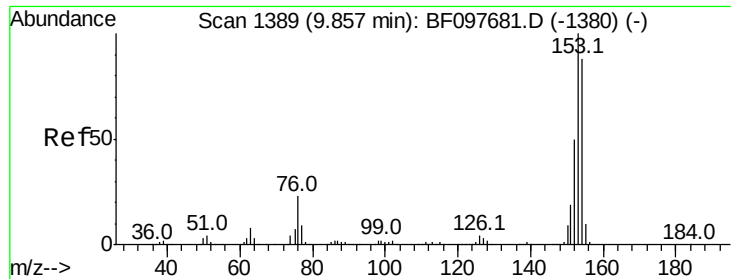
Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion	165	Resp	190191
Ion Ratio	Lower	Upper	
165	100		
63	72.0	34.3	51.5#
89	78.2	37.1	55.7#





#51

Acenaphthene

Concen: 36.182 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

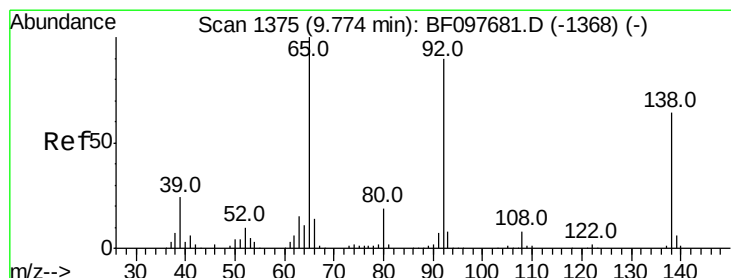
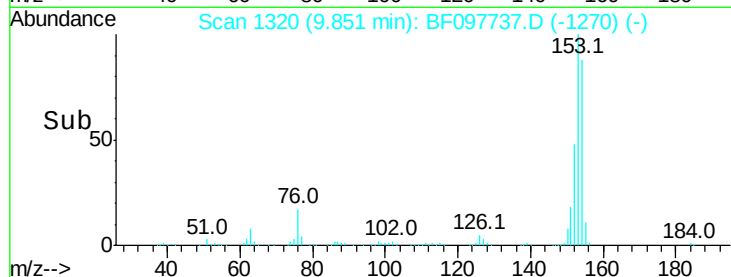
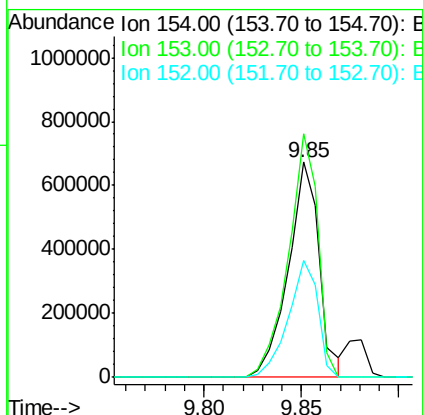
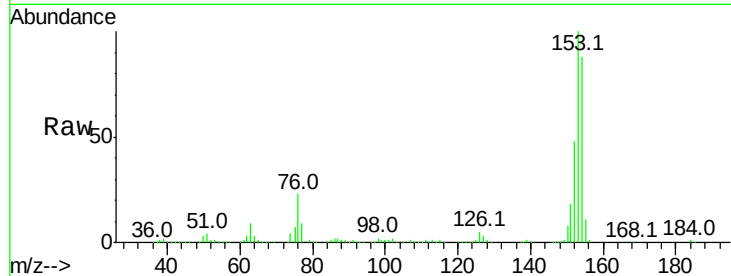
ClientSampleId :

SU-02-081117MS

Tot Ion:	154	Resp:	736784
Ion Ratio	Lower	Upper	
154	100		
153	113.1	90.5	135.7
152	54.5	43.6	65.4

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#52

3-Nitroaniline

Concen: 17.178 ng

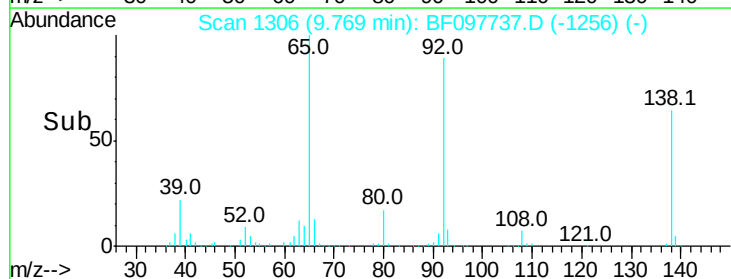
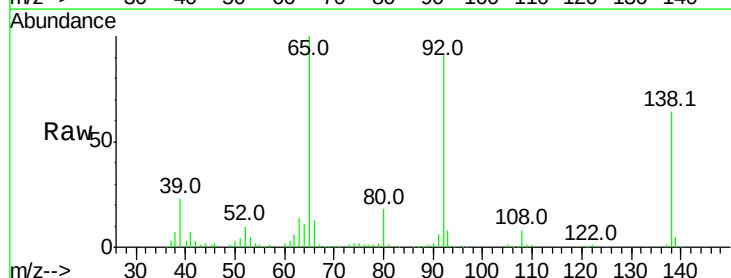
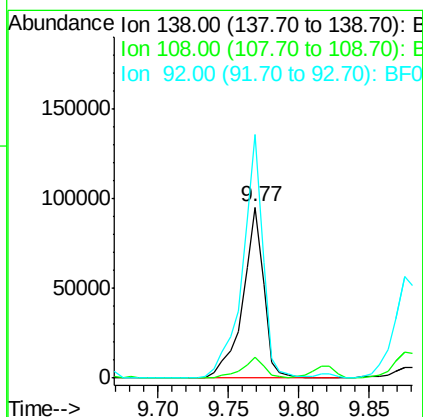
RT: 9.77 min Scan# 1306

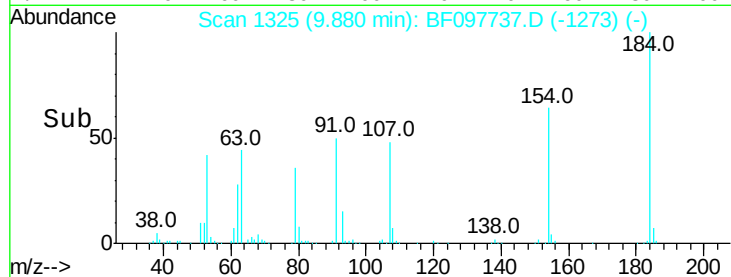
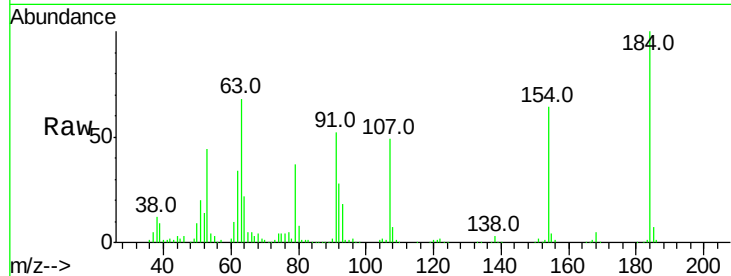
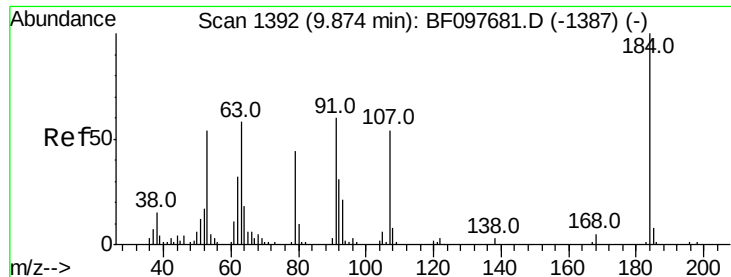
Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	138	Resp:	98678
Ion Ratio	Lower	Upper	
138	100		
108	12.2	9.1	13.7
92	142.4	93.8	140.6#





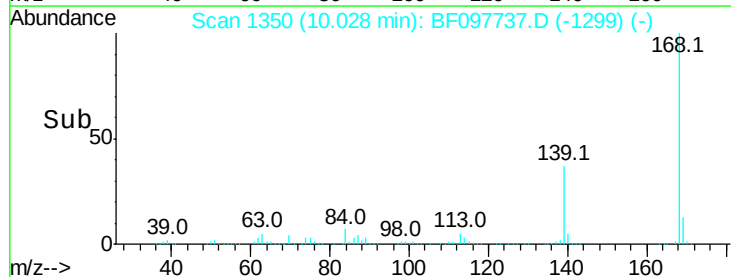
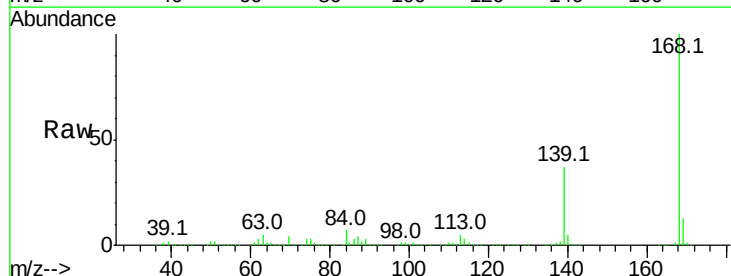
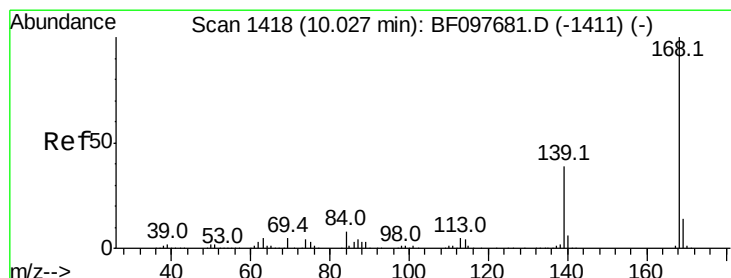
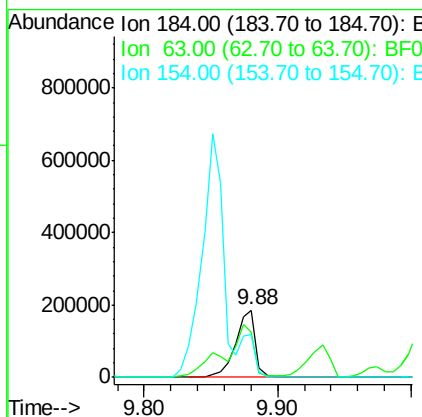
#53
2,4-Dinitrophenol
Concen: 89.817 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tot Ion	Ratio	Resp	Lower	Upper
184	100	193246		
63	68.0	62.7	94.1	
154	63.8	81.1	121.7	

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

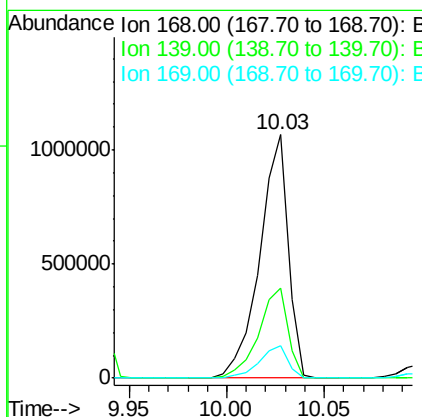
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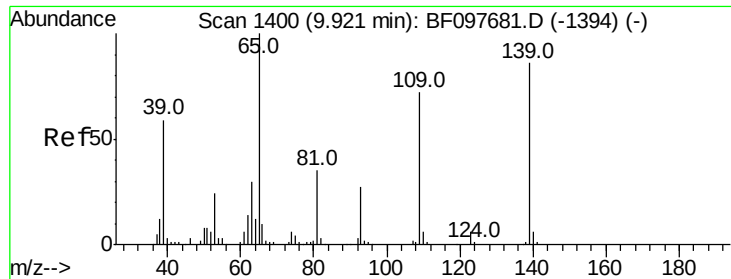
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#54
Dibenzofuran
Concen: 39.544 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1079203		
139	37.2	30.6	45.8	
169	13.2	10.8	16.2	





#55

4-Nitrophenol

Concen: 69.635 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

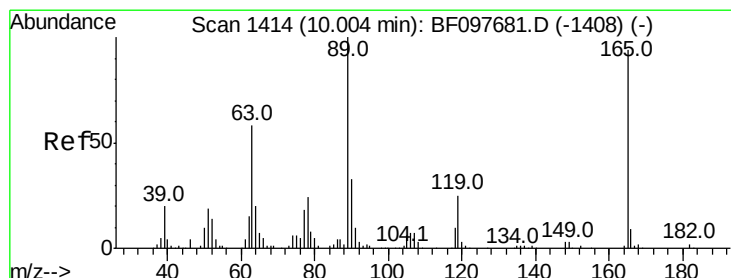
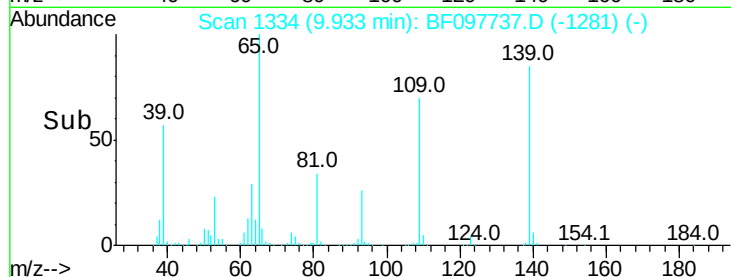
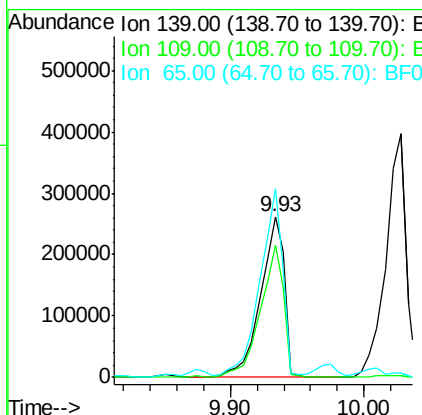
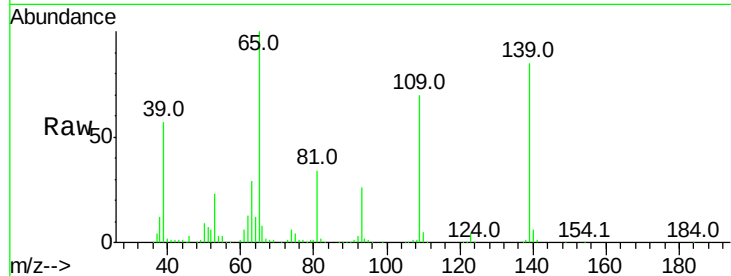
ClientSampleId :

SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	82.5	34.1	74.1#	
65	117.6	31.4	71.4#	

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#56

2,4-Dinitrotoluene

Concen: 45.002 ng

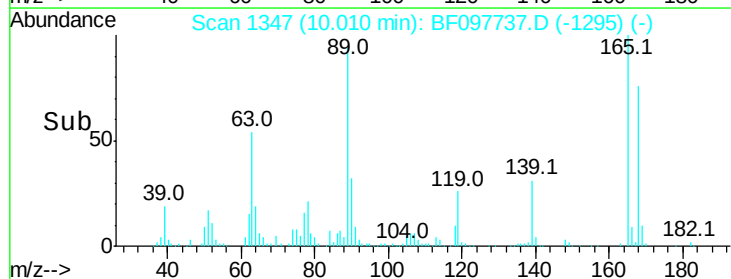
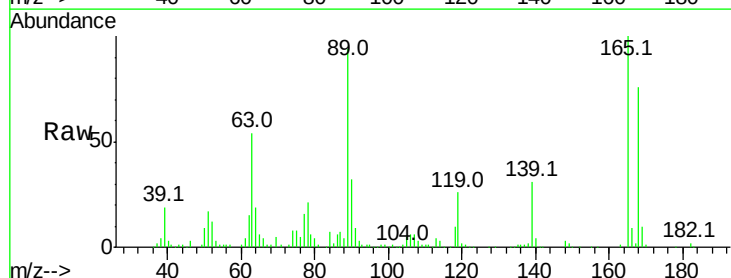
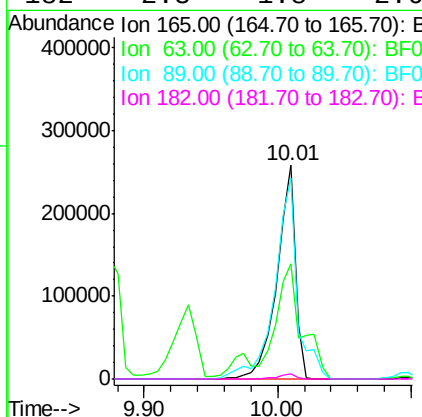
RT: 10.01 min Scan# 1347

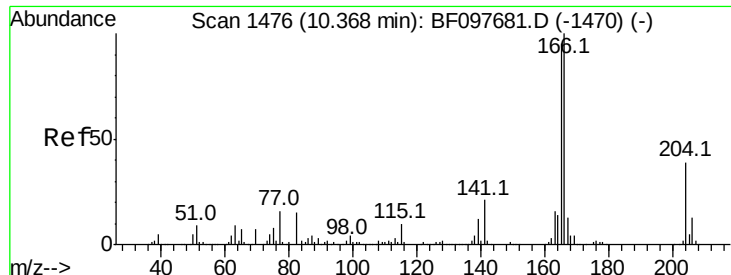
Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.0	25.4	38.0#	
89	94.0	46.4	69.6#	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 37.390 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

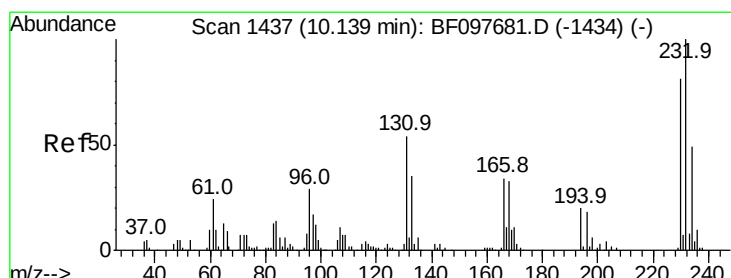
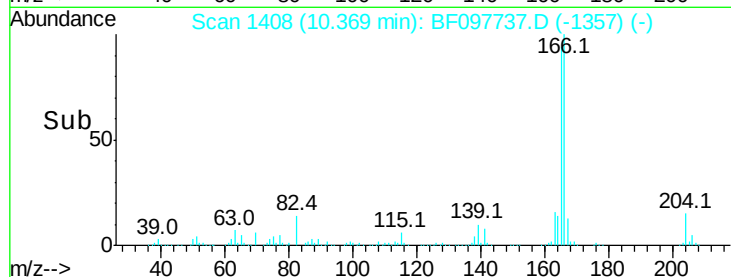
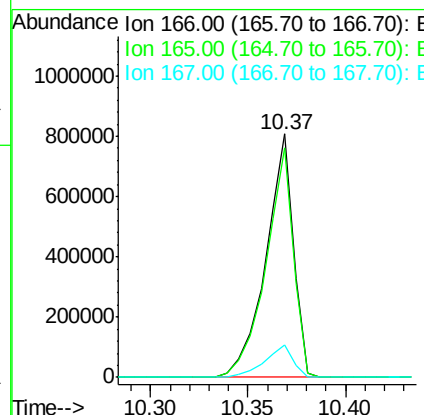
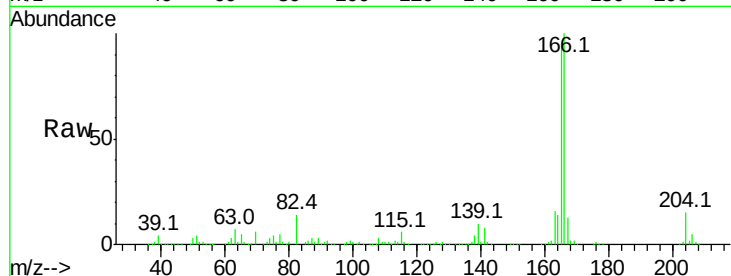
ClientSampleId :

SU-02-081117MS

Tot Ion:	166	Resp:	788940
Ion Ratio	Lower	Upper	
166	100		
165	94.1	78.8	118.2
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.228 ng

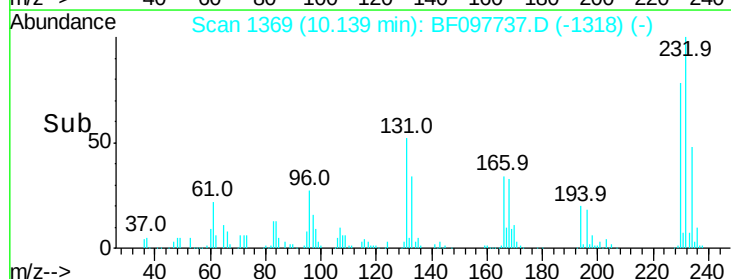
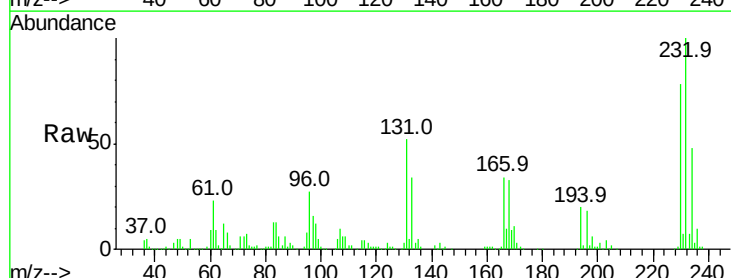
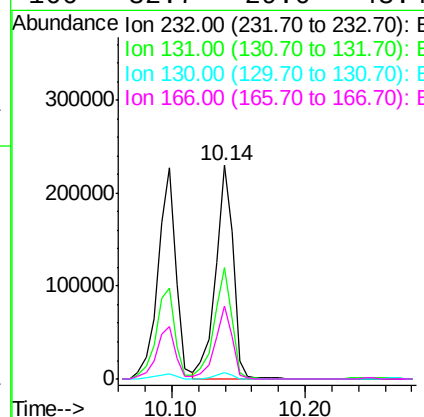
RT: 10.14 min Scan# 1369

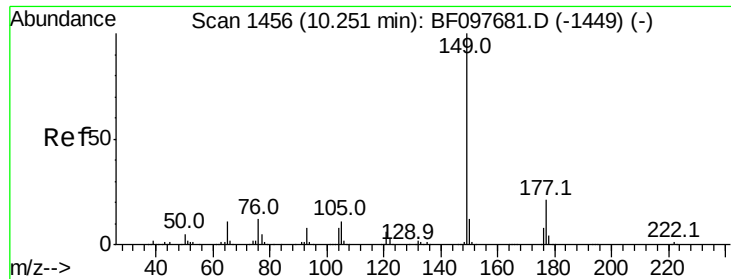
Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	232	Resp:	213590
Ion Ratio	Lower	Upper	
232	100		
131	51.7	44.8	67.2
130	2.7	2.3	3.5
166	32.7	29.0	43.4





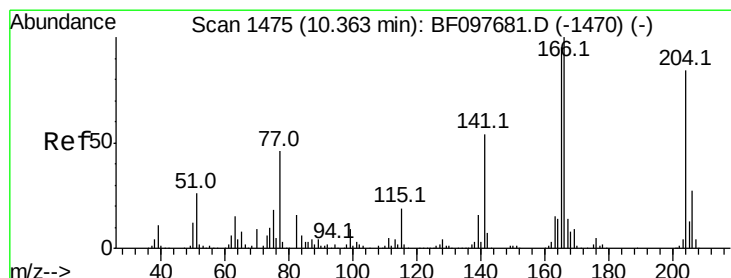
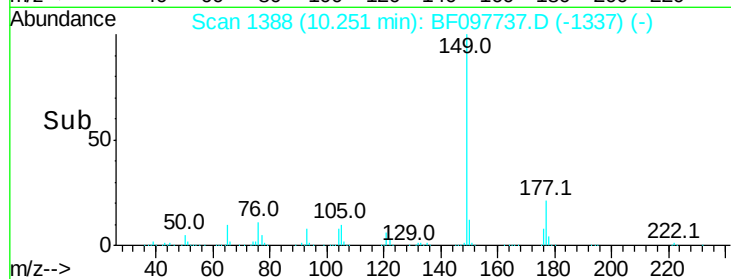
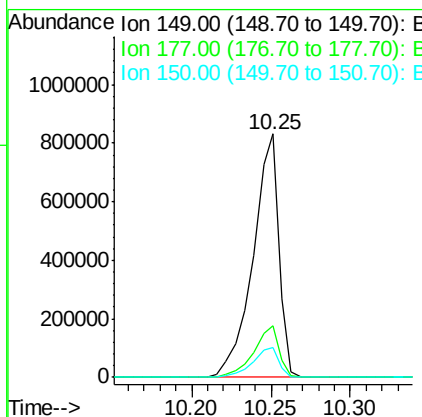
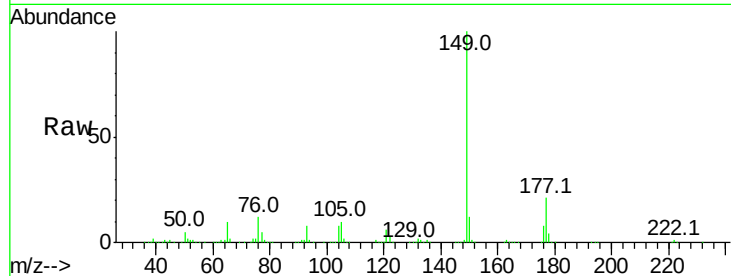
#59
Diethylphthalate
Concen: 40.444 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.4	10.2	15.2

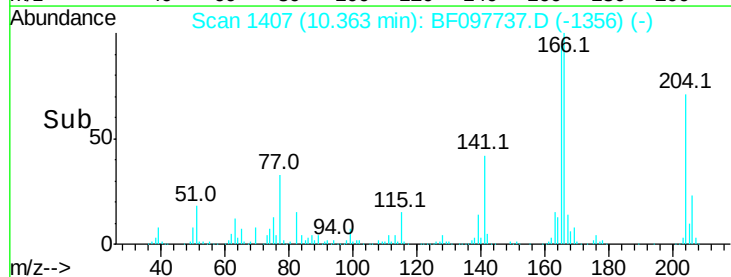
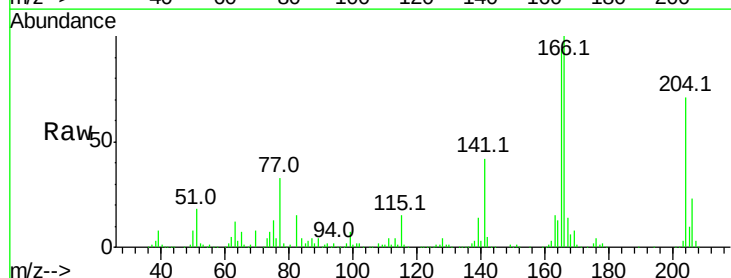
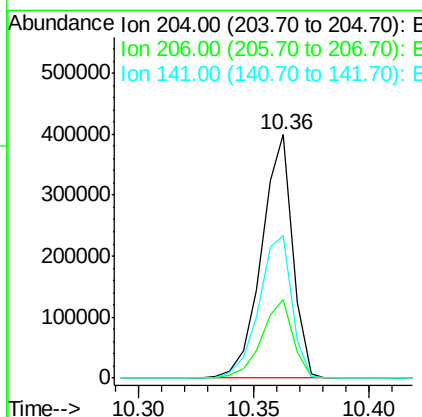
Manual Integrations
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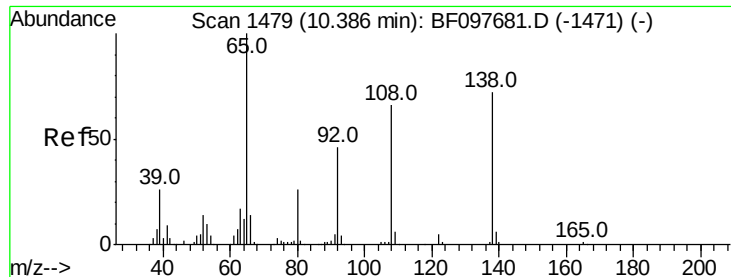
Sohil
8/17/2017 5:57:31 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.027 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	58.6	60.8	91.2#





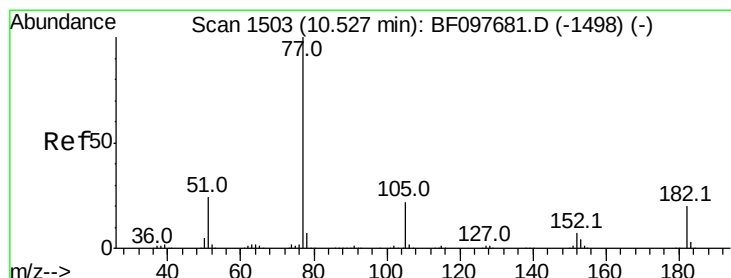
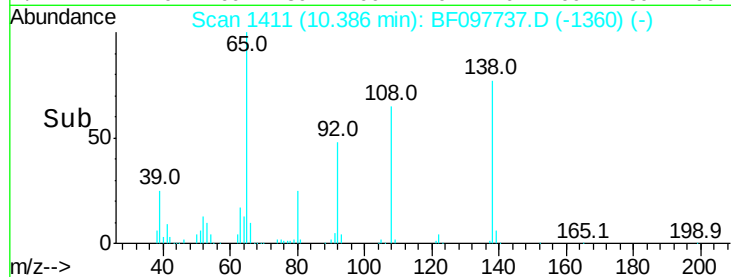
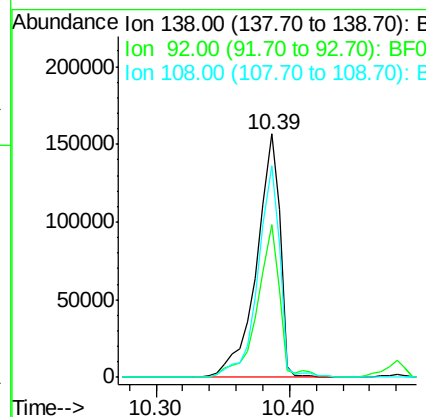
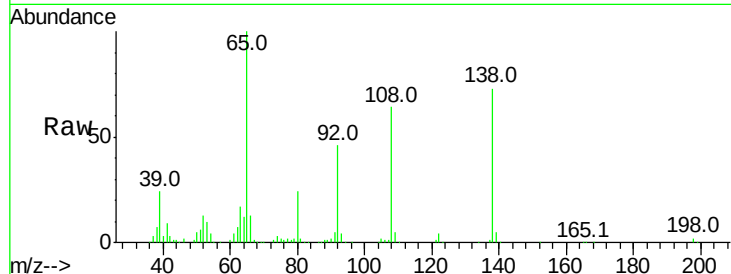
#61
4-Nitroaniline
Concen: 34.560 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.6	21.8	61.8#
108	87.2	42.3	82.3#

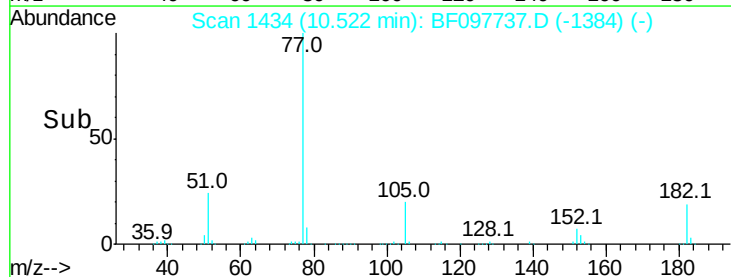
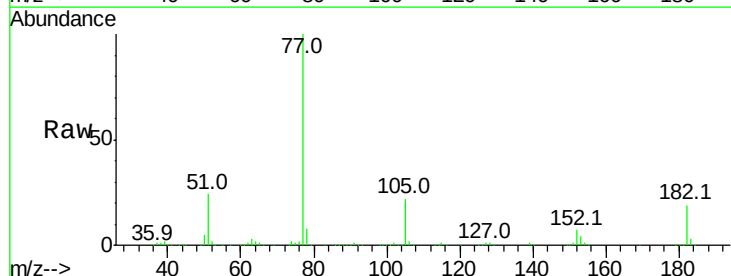
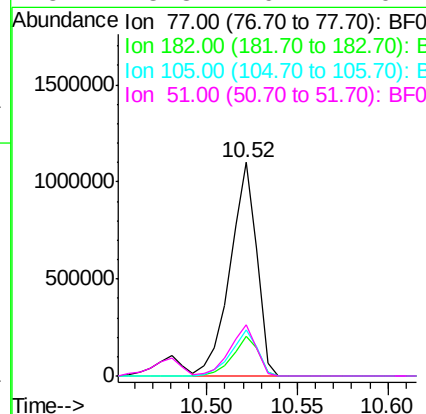
Manual Integrations
APPROVED

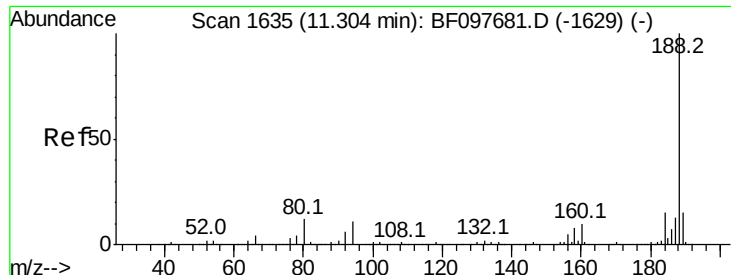
Sohil
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#62
Azobenzene
Concen: 40.426 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.7	0.1	40.1
105	21.6	3.6	43.6
51	23.8	9.4	49.4





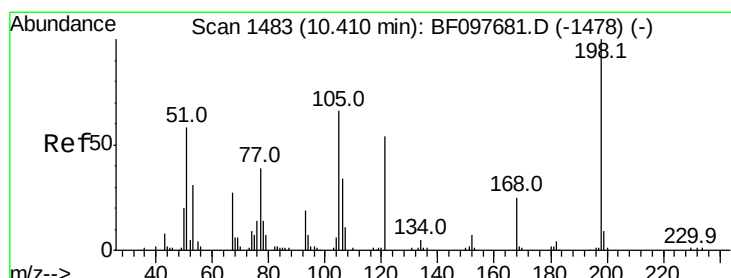
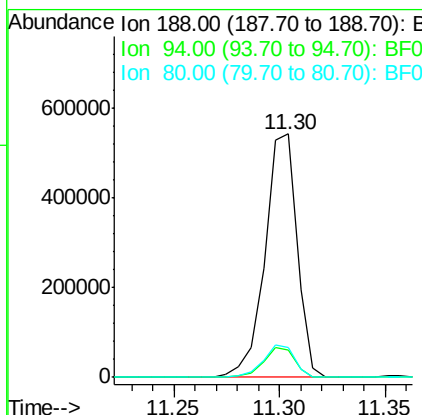
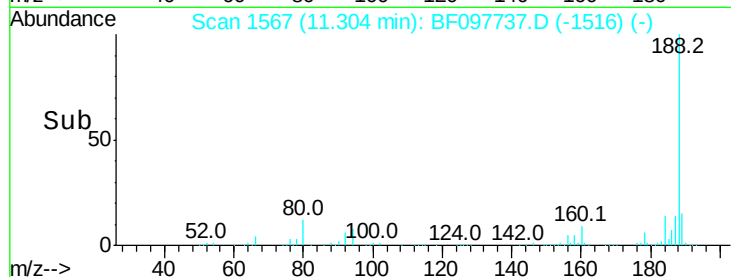
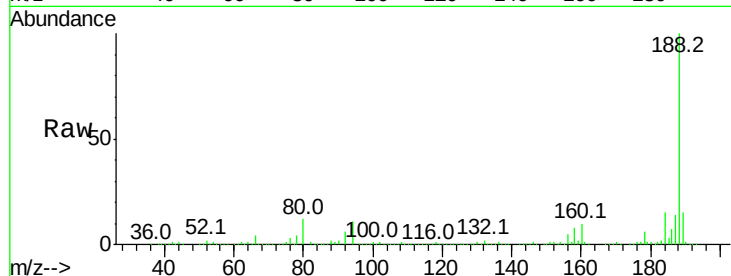
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	9.4	14.2
80	12.1	10.2	15.2

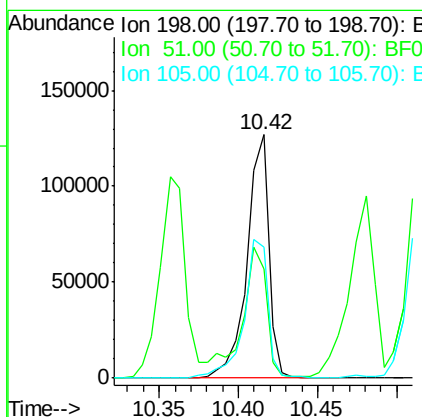
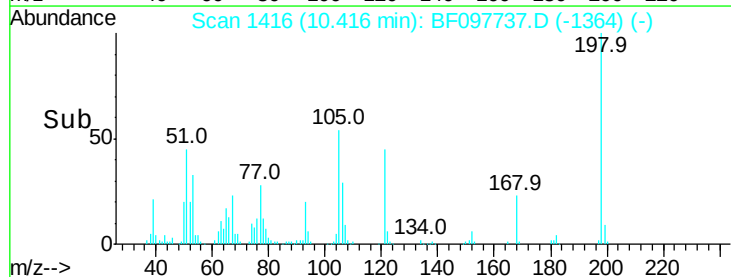
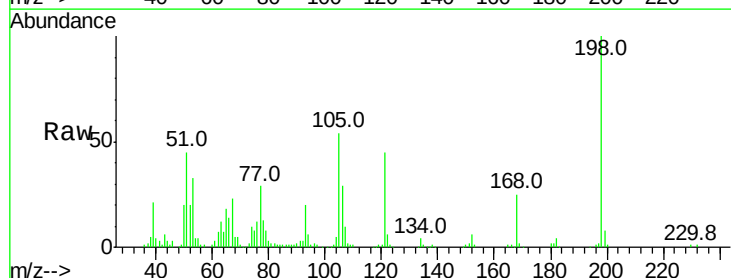
Manual Integrations
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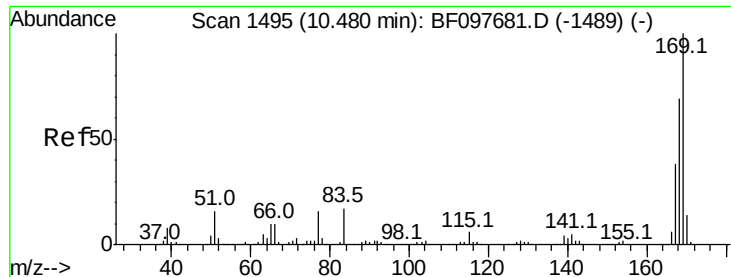
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.283 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	44.9	53.2	93.2#
105	53.6	45.8	85.8





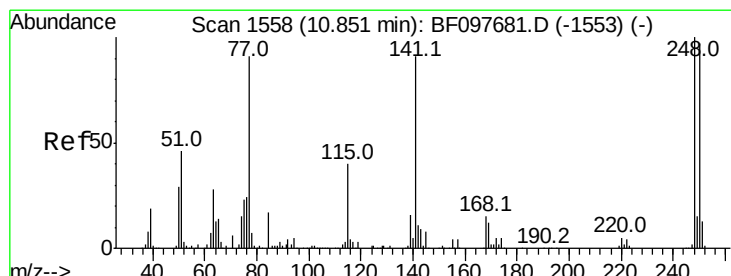
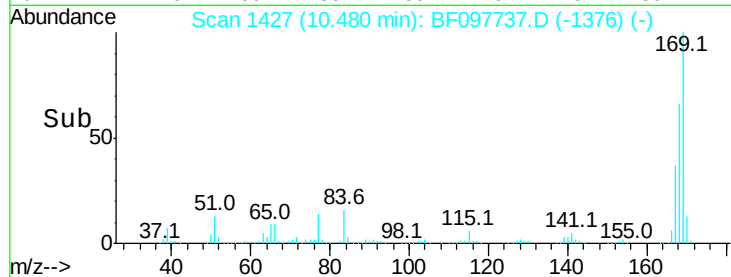
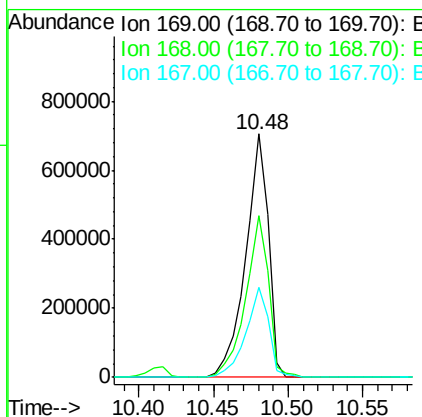
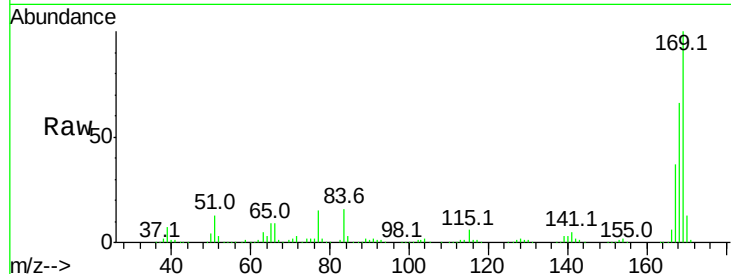
#65
 n-Nitrosodiphenylamine
 Concen: 37.811 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	740711		
168	66.4	53.2	79.8	
167	37.2	29.5	44.3	

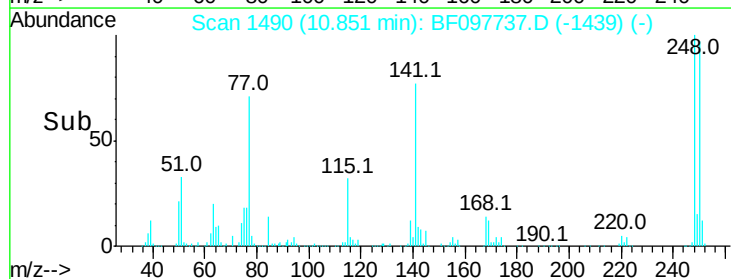
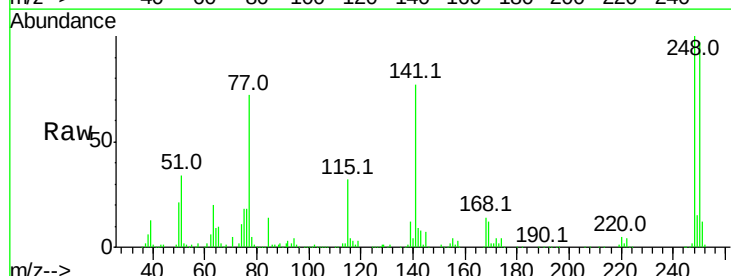
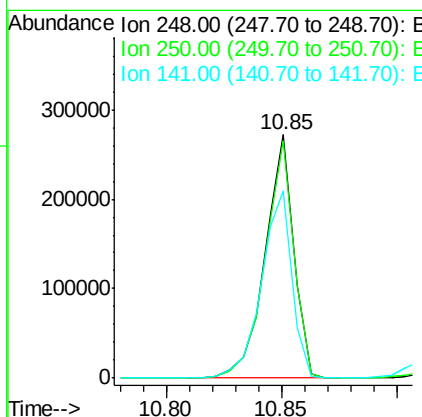
Manual Integrations
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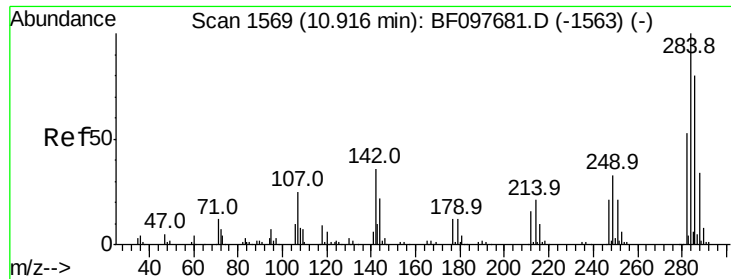
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 39.298 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	234758		
250	97.2	76.8	115.2	
141	77.2	68.6	103.0	





#67

Hexachlorobenzene

Concen: 37.090 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

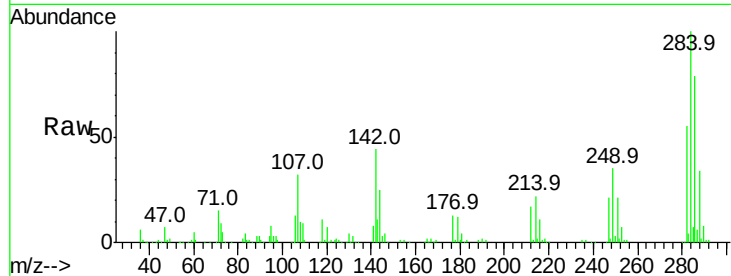
ClientSampleId :

SU-02-081117MS

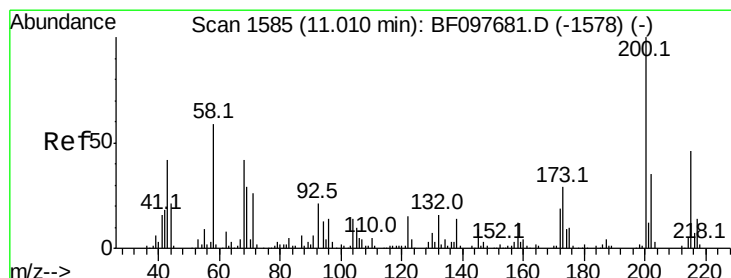
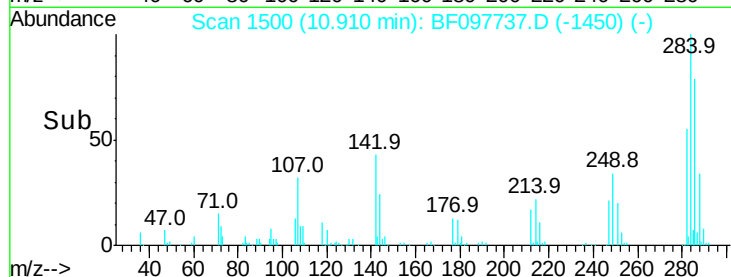
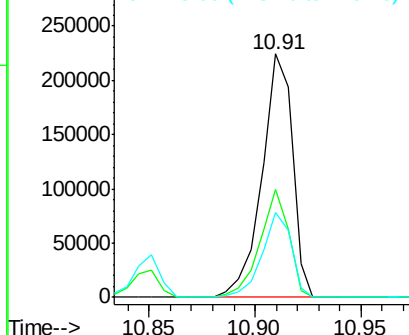
Tot Ion:	284	Resp:	225838
Ion Ratio	Lower	Upper	
284	100		
142	44.2	22.8	34.2#
249	35.0	24.0	36.0

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: 41.354 ng

RT: 11.01 min Scan# 1517

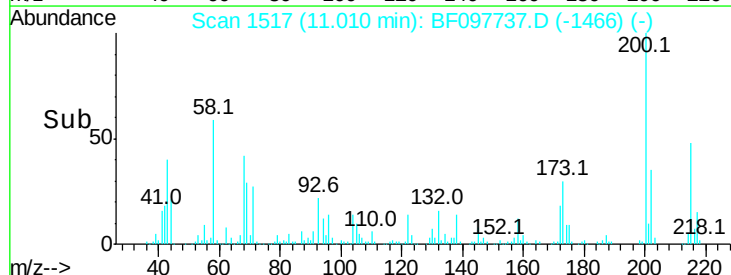
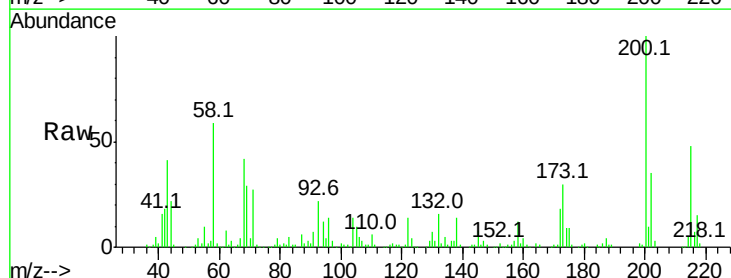
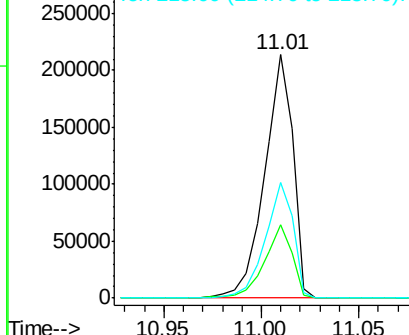
Delta R.T. 0.00 min

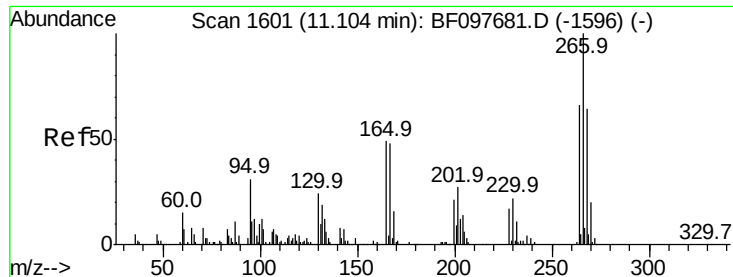
Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	200	Resp:	214842
Ion Ratio	Lower	Upper	
200	100		
173	30.4	6.3	46.3
215	47.6	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





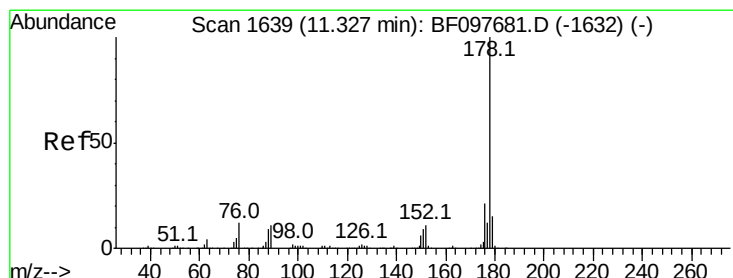
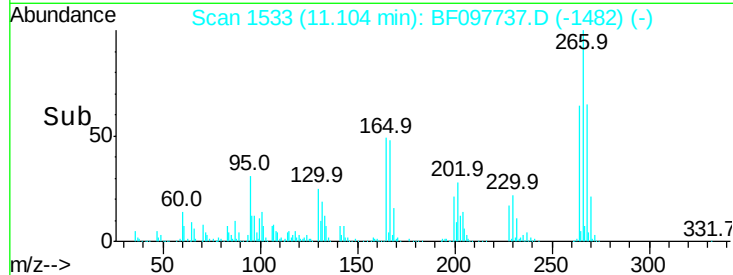
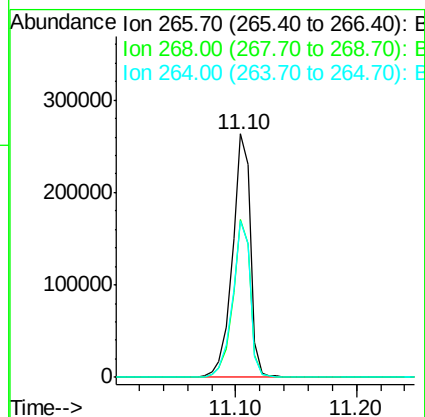
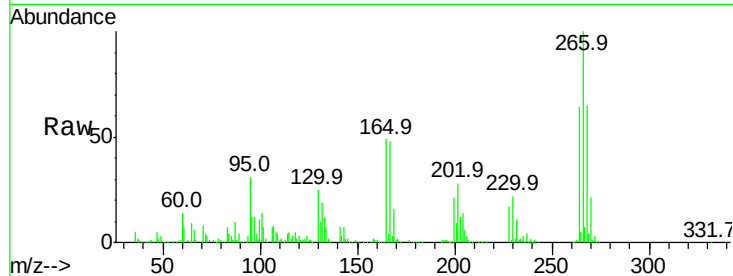
#69
 Pentachlorophenol
 Concen: 76.977 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	273283		
268	64.6	51.1	76.7	
264	64.2	51.7	77.5	

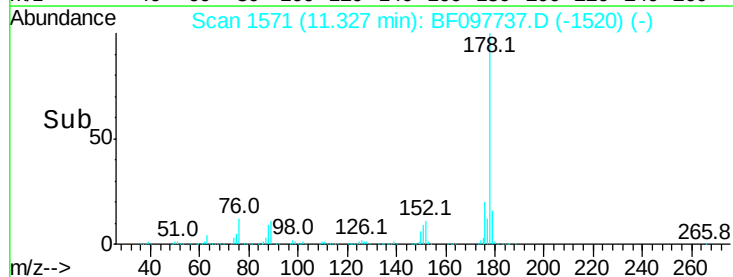
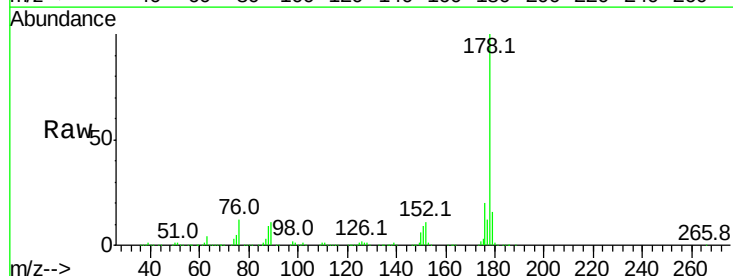
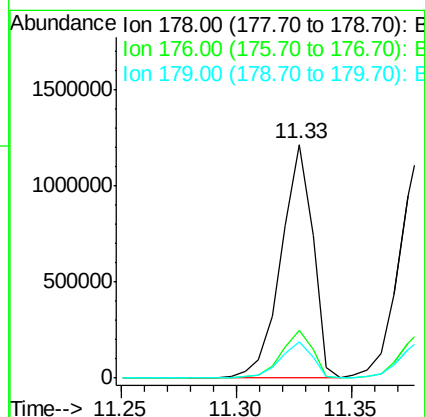
Manual Integrations
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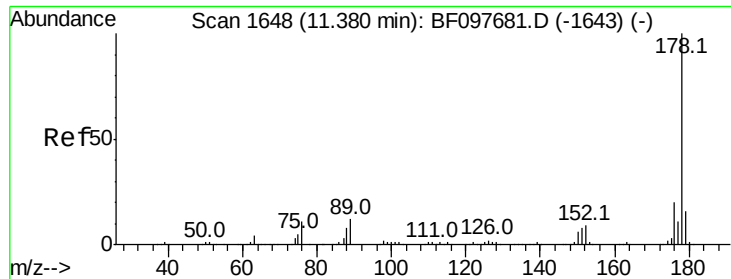
Sohil
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#70
 Phenanthrene
 Concen: 37.637 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1153746		
176	20.2	16.2	24.4	
179	15.6	12.6	19.0	





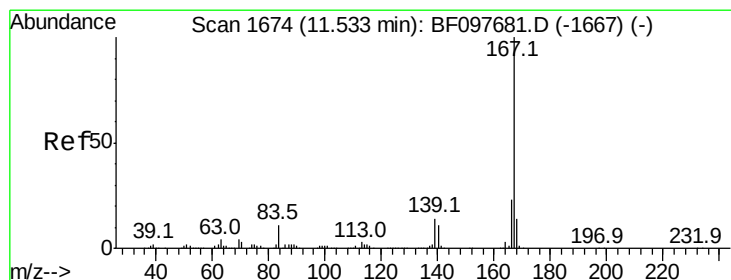
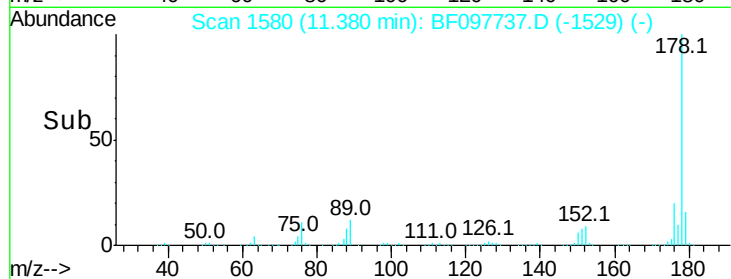
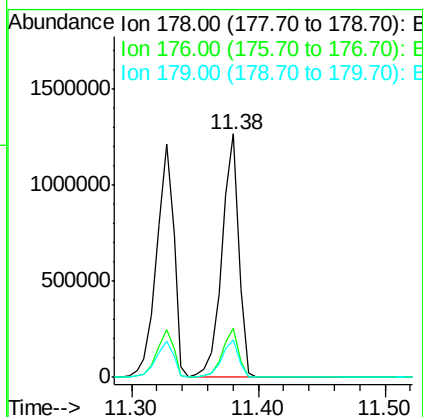
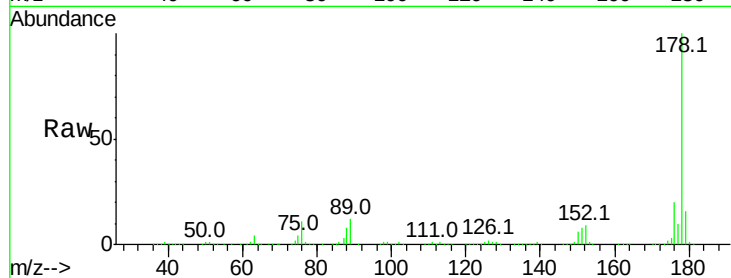
#71
 Anthracene
 Concen: 37.620 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:178 Resp: 1169687
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 12.7 19.1

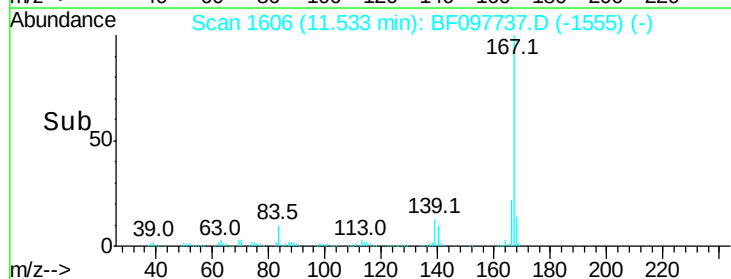
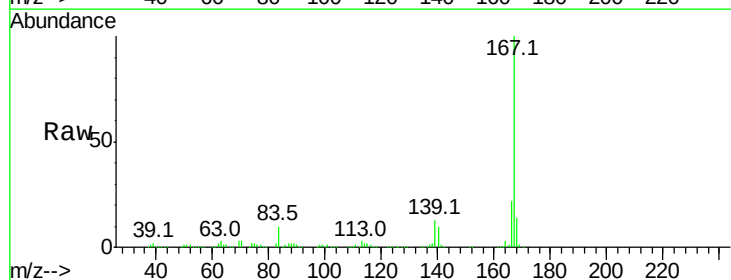
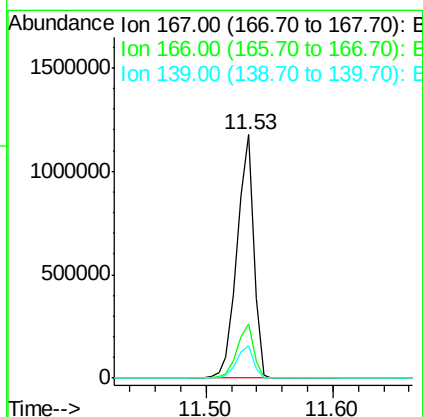
Manual Integrations
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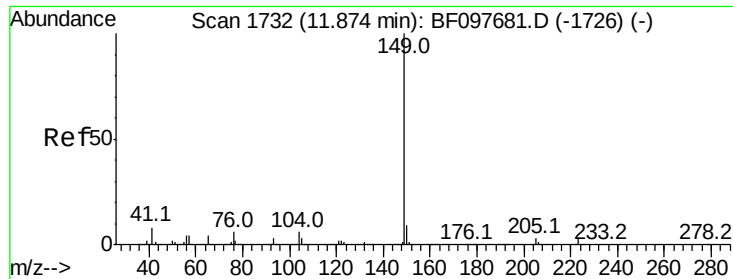
Sohil
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#72
 Carbazole
 Concen: 36.058 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:167 Resp: 1064171
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.599 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

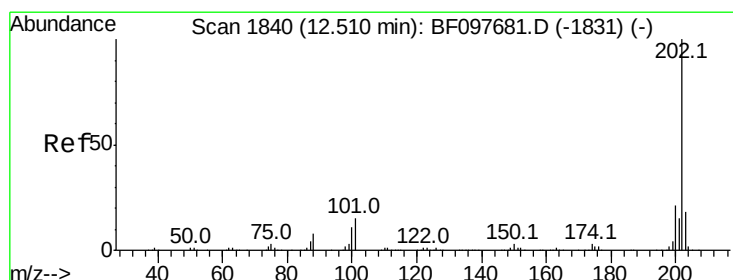
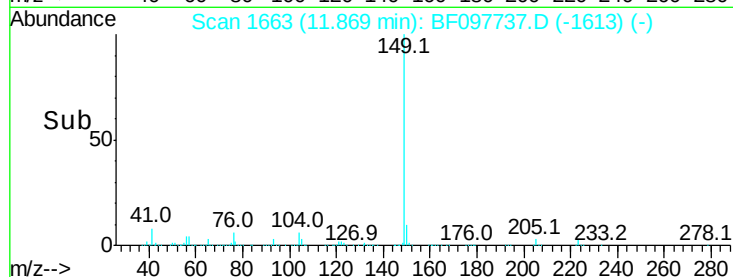
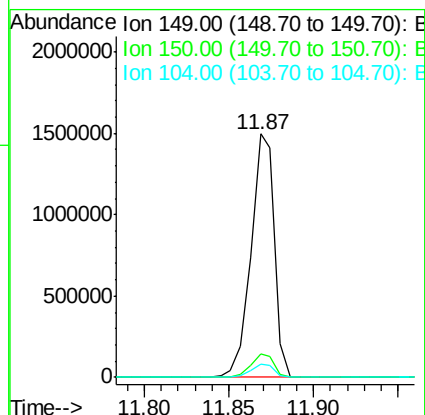
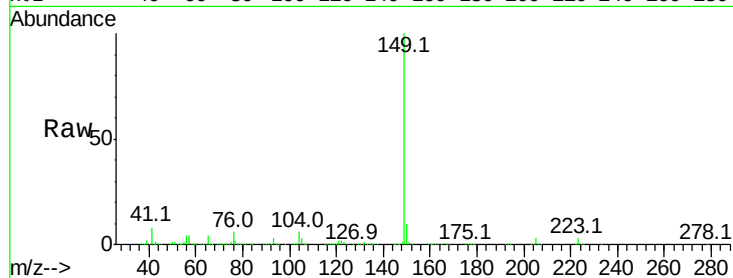
ClientSampleId :

SU-02-081117MS

Tot Ion:	149	Resp:	1448146
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	5.7	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 36.569 ng

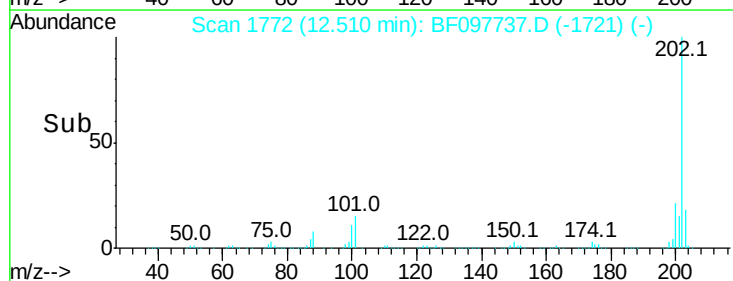
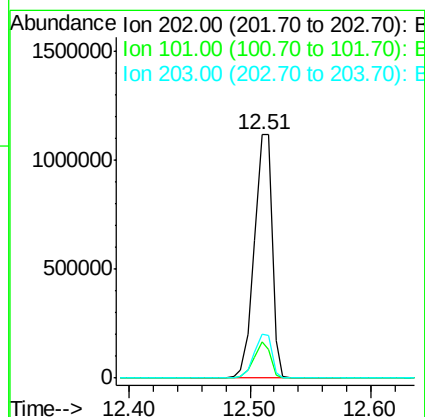
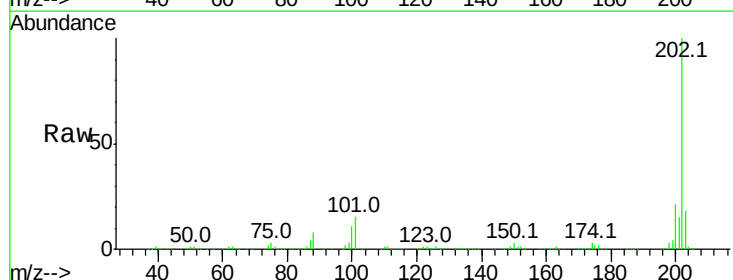
RT: 12.51 min Scan# 1772

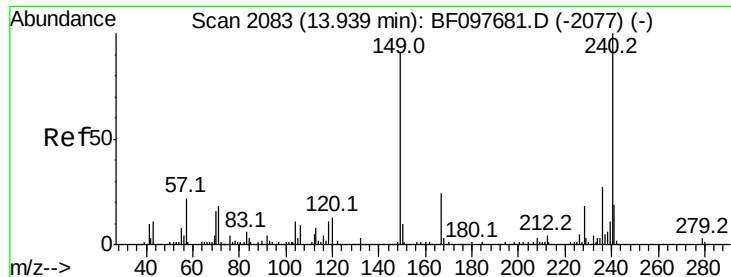
Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	202	Resp:	1170057
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	33.2
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

Tot Ion:240 Resp: 362728
Ion Ratio Lower Upper

240 100

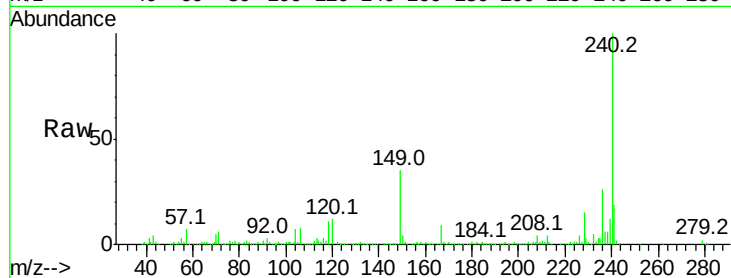
120 12.1 5.8 8.8#

236 25.7 20.5 30.7

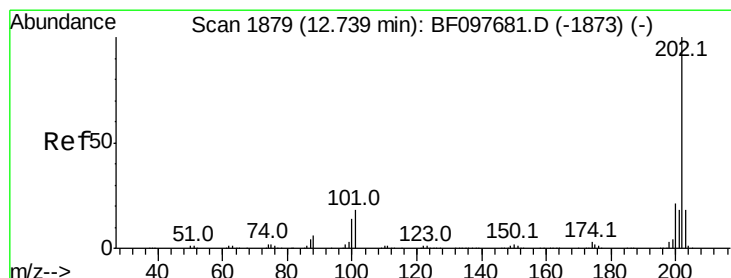
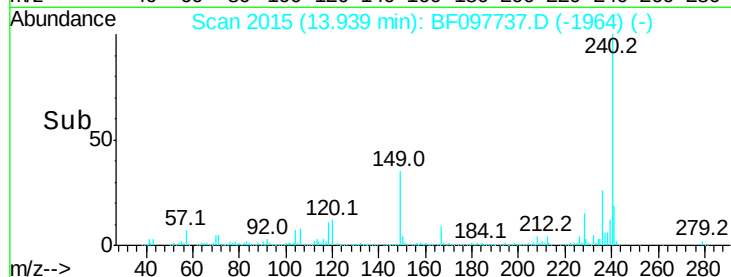
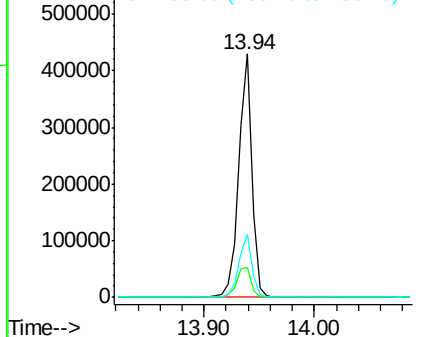
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 39.777 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097737.D

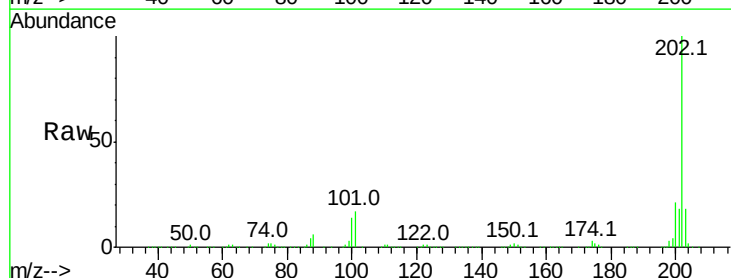
Acq: 16 Aug 2017 14:26

Tgt Ion:202 Resp: 1180061
Ion Ratio Lower Upper

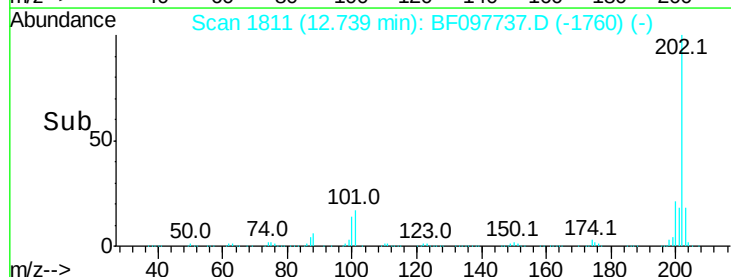
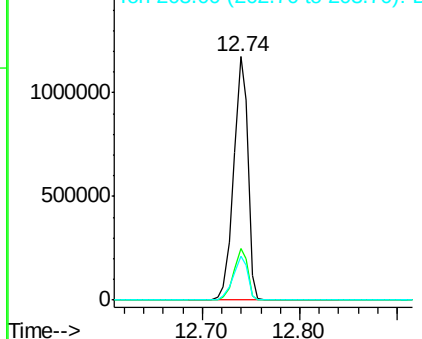
202 100

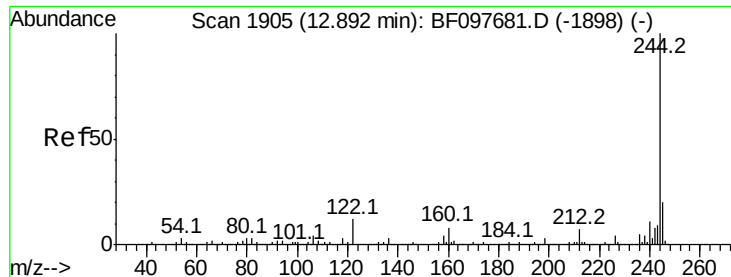
200 21.0 17.6 26.4

203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.688 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

Tot Ion:244 Resp: 1333932

Ion Ratio Lower Upper

244 100

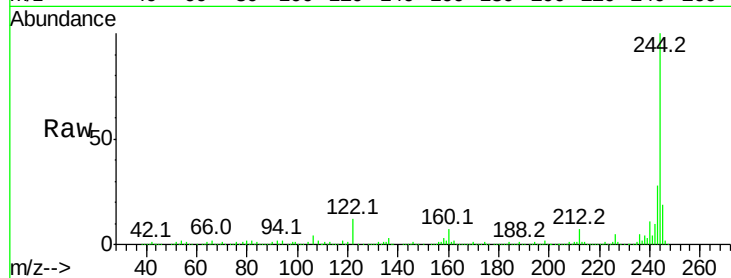
212 7.2 6.0 9.0

122 11.8 10.3 15.5

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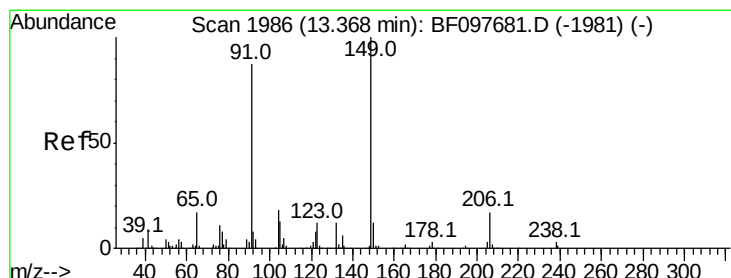
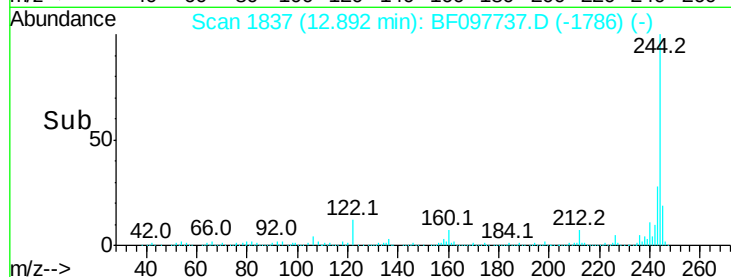
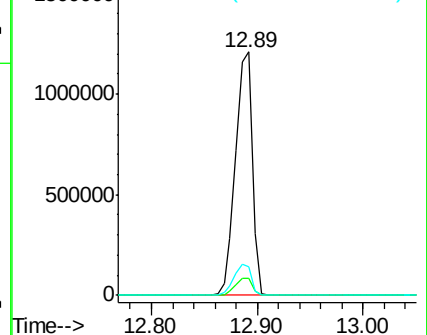
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.456 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

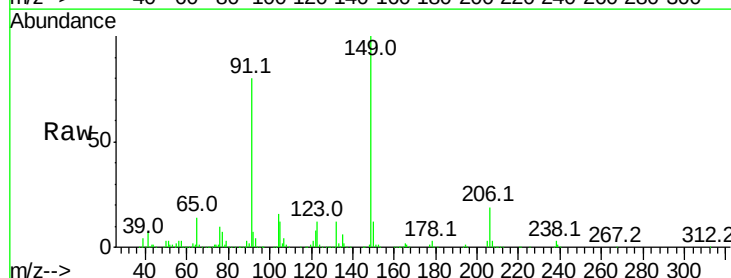
Tgt Ion:149 Resp: 573901

Ion Ratio Lower Upper

149 100

91 80.4 45.0 67.4#

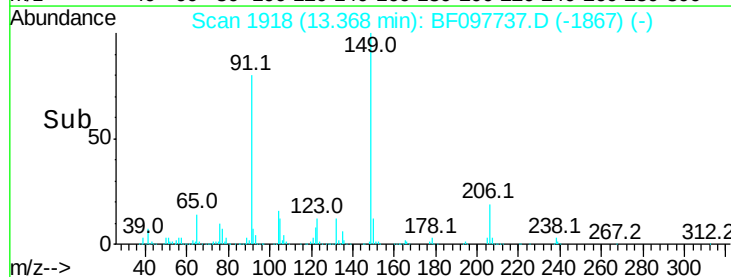
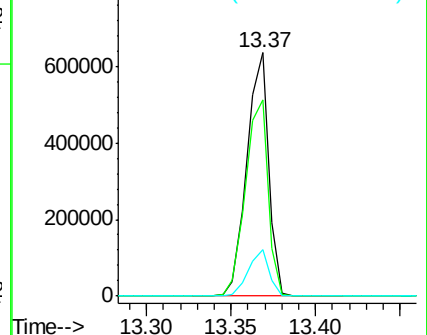
206 19.1 17.0 25.6

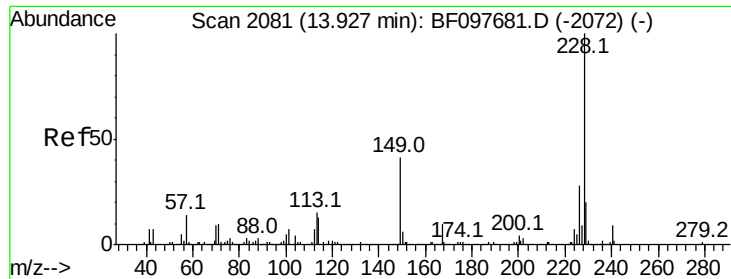


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





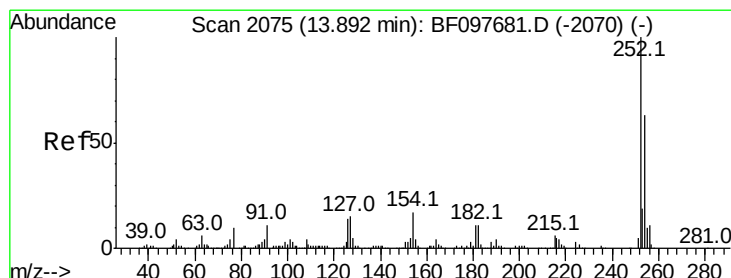
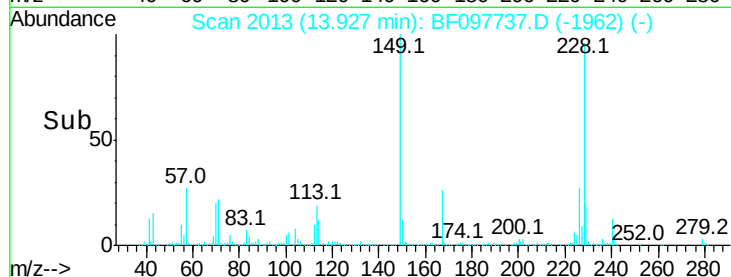
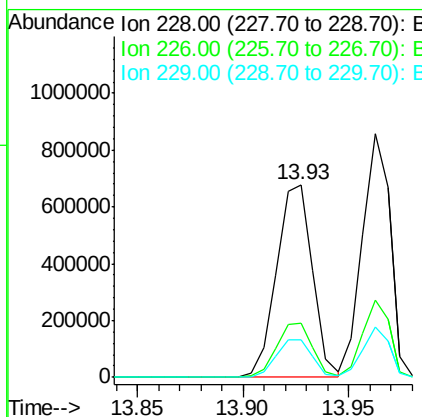
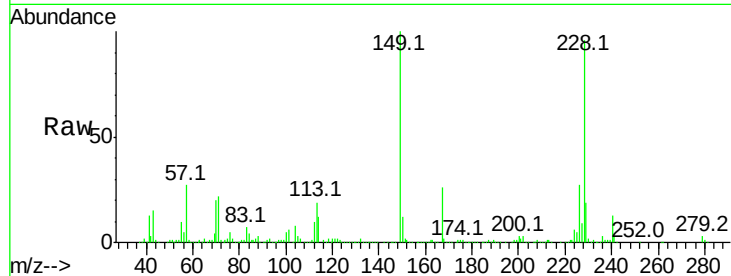
#80
Benzo(a)anthracene
Concen: 37.016 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.8	16.3	24.5

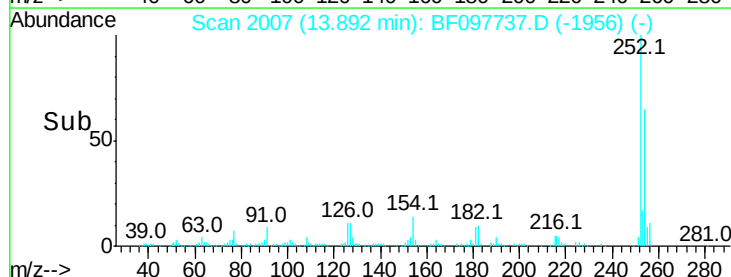
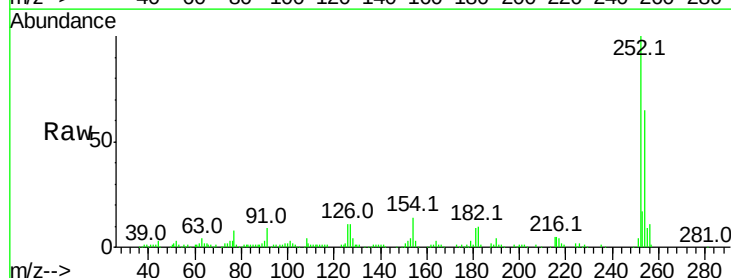
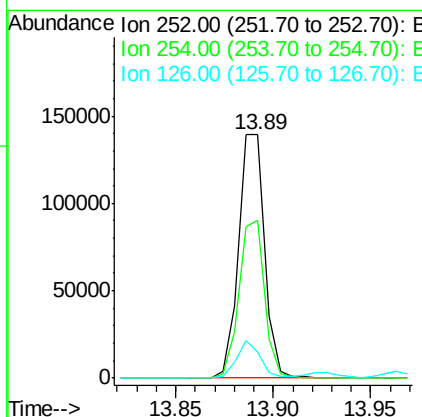
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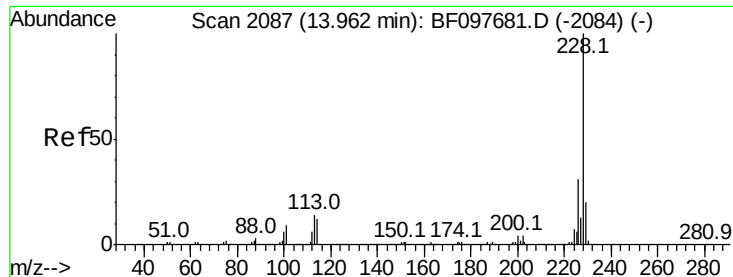
Sohil
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#81
3,3'-Dichlorobenzidine
Concen: 17.632 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.5	77.3
126	10.6	15.8	23.8





#82

Chrysene

Concen: 36.918 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

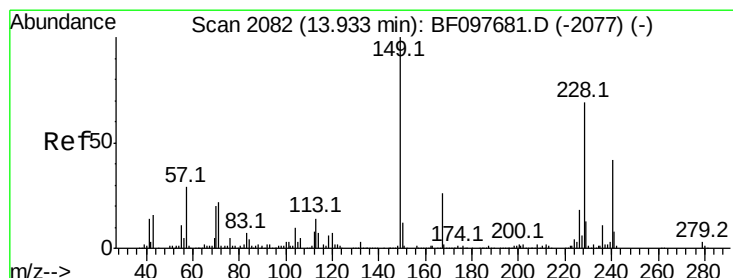
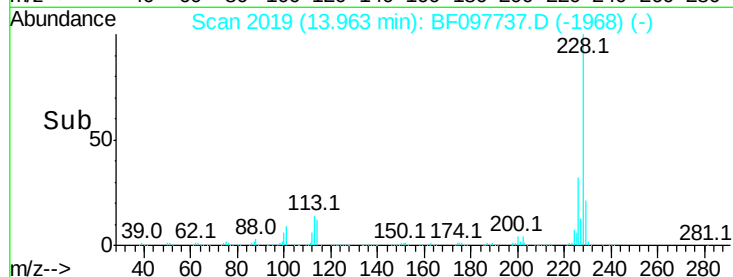
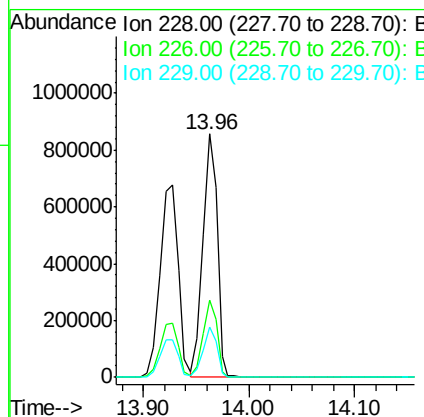
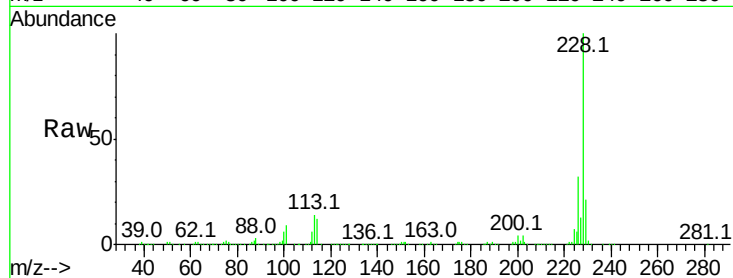
ClientSampleId :

SU-02-081117MS

Tot Ion:	228	Resp:	798394
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.9	37.3
229	20.7	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 55.592 ng

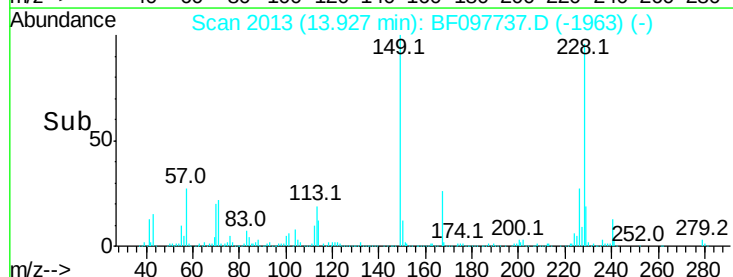
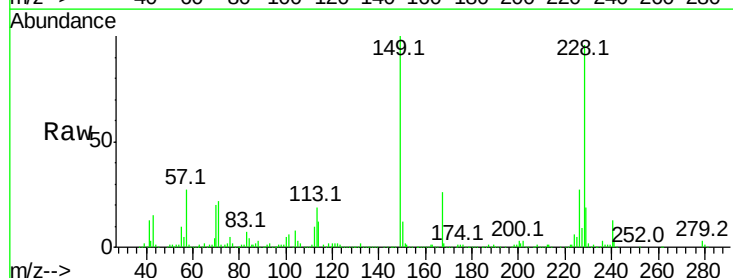
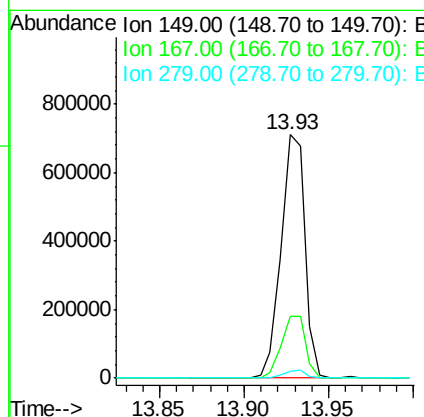
RT: 13.93 min Scan# 2013

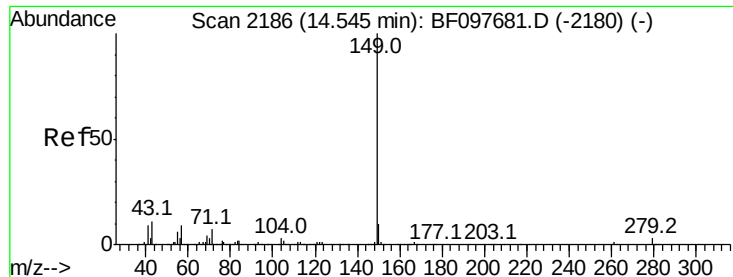
Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	149	Resp:	700687
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.0	31.4
279	3.0	1.9	2.9#





#84

Di-n-octyl phthalate

Concen: 55.450 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

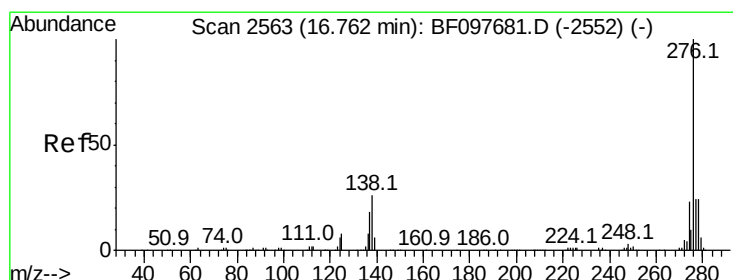
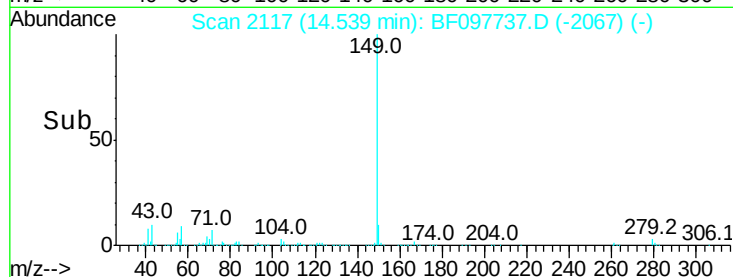
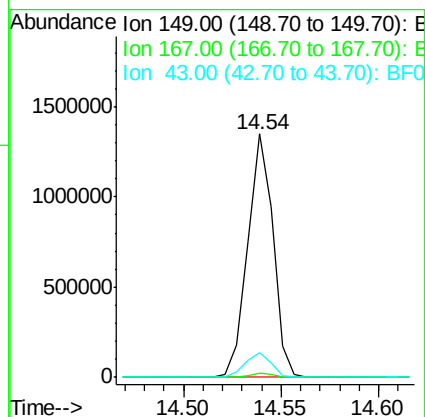
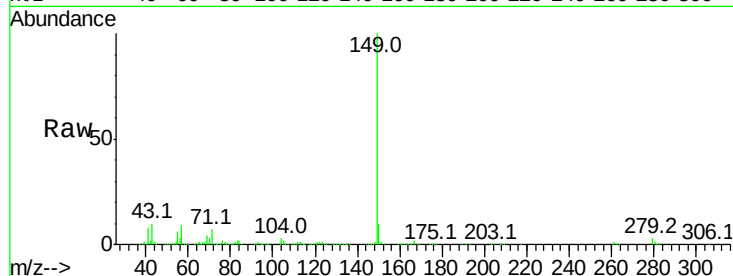
ClientSampleId :

SU-02-081117MS

Tot Ion:	149	Resp:	1216046
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.0	8.5	12.7

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#85

Indeno(1,2,3-cd)pyrene

Concen: 42.788 ng

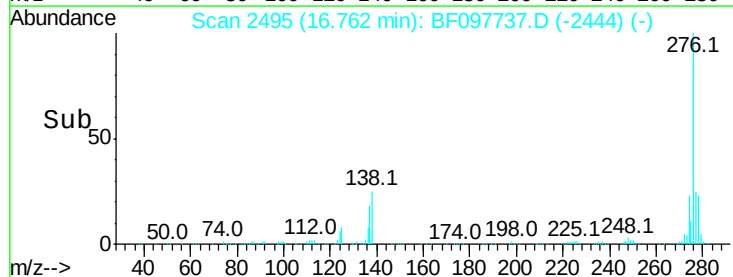
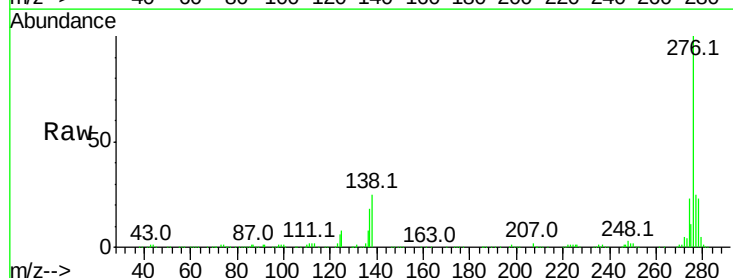
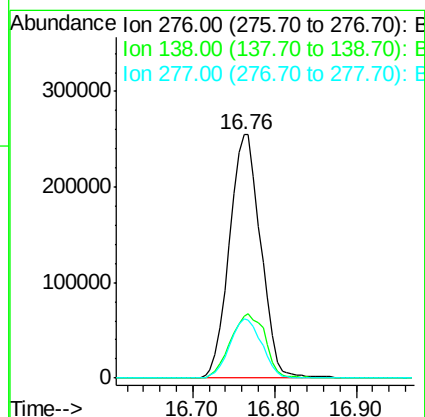
RT: 16.76 min Scan# 2495

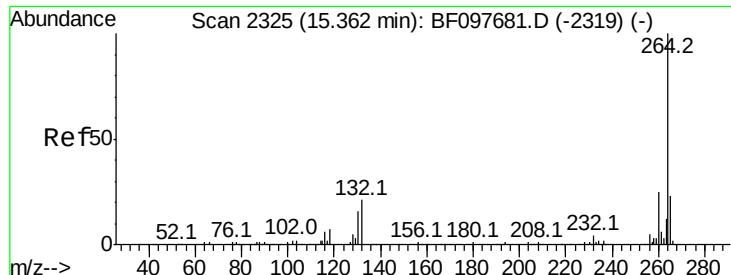
Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:	276	Resp:	680714
Ion	Ratio	Lower	Upper
276	100		
138	29.4	27.8	41.6
277	25.0	20.2	30.4





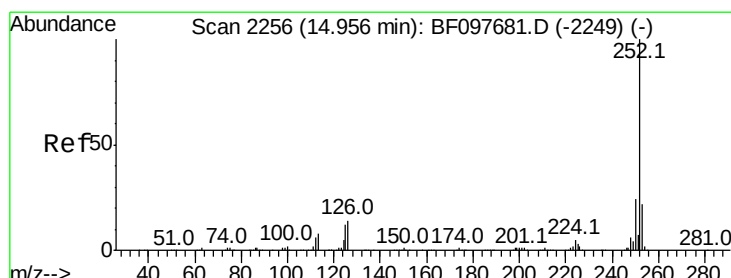
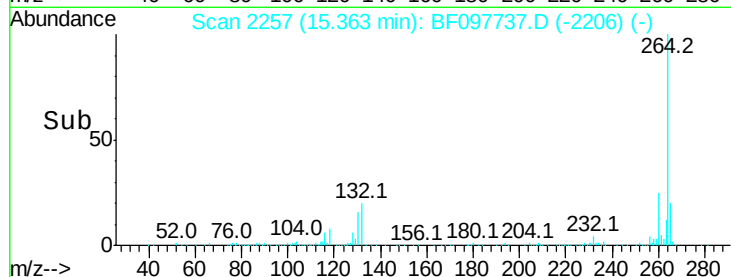
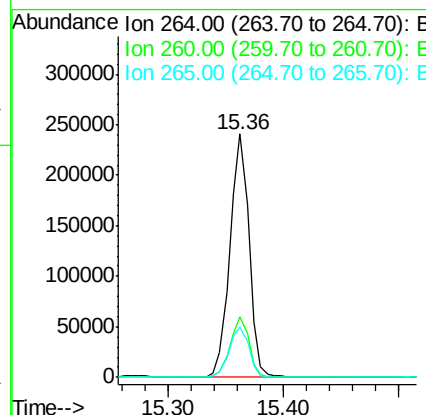
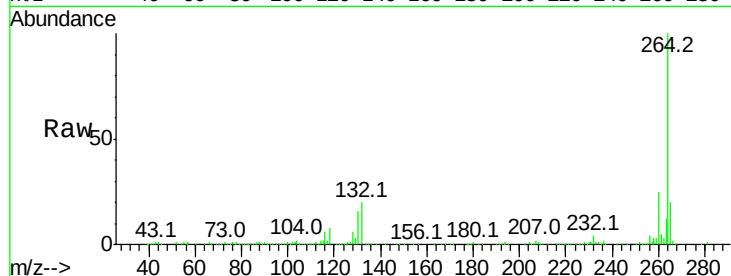
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.5	17.2	25.8

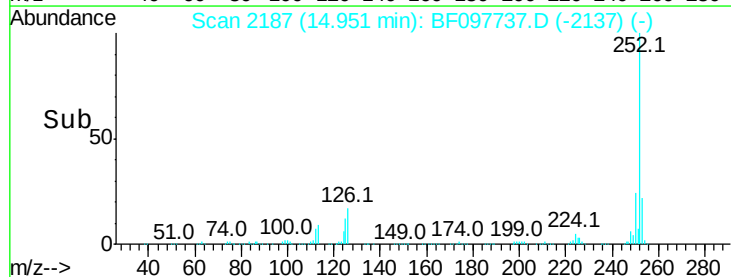
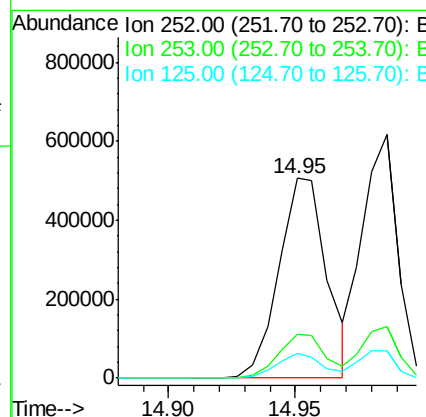
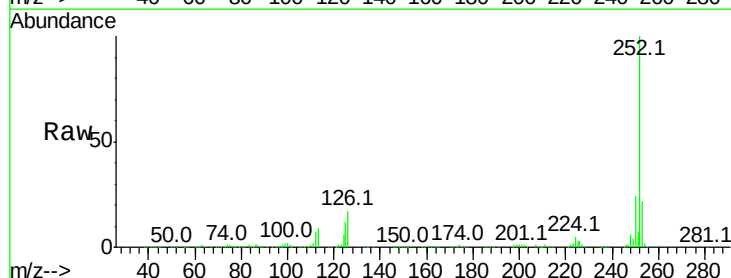
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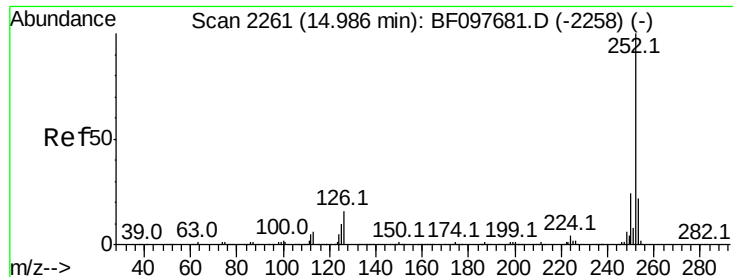
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#87
Benzo(b)fluoranthene
Concen: 38.253 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	12.3	9.8	14.8





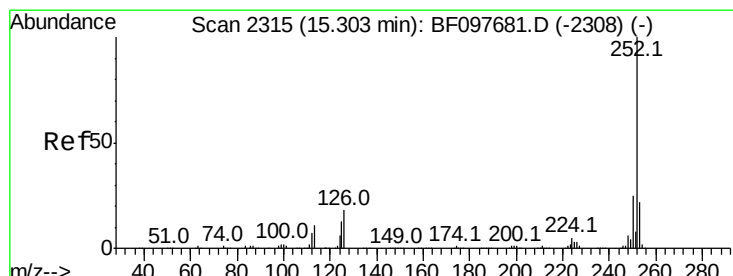
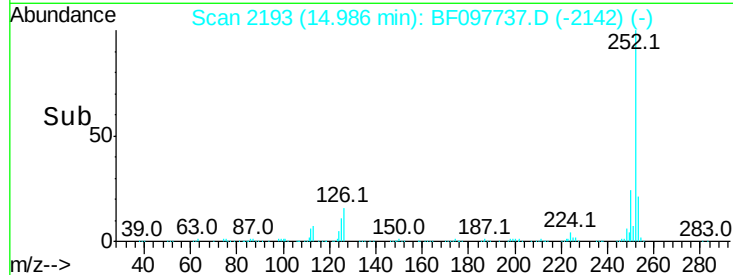
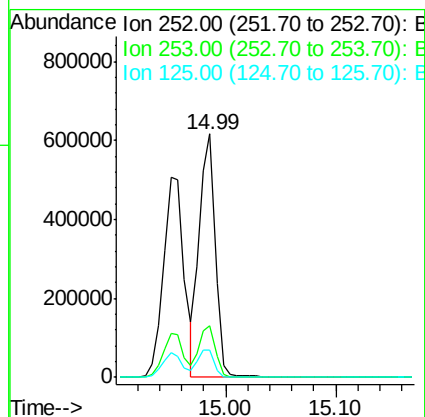
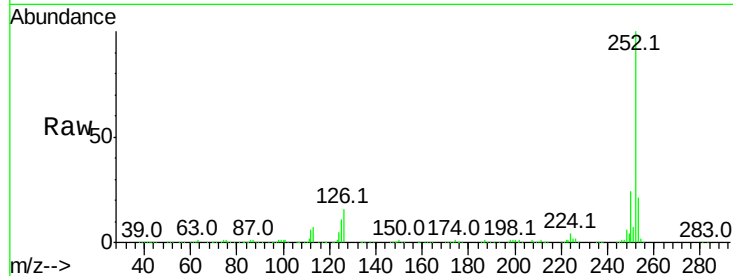
#88
Benzo(k)fluoranthene
Concen: 37.087 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	606427		
253	21.4	18.4	27.6	
125	11.2	13.1	19.7	

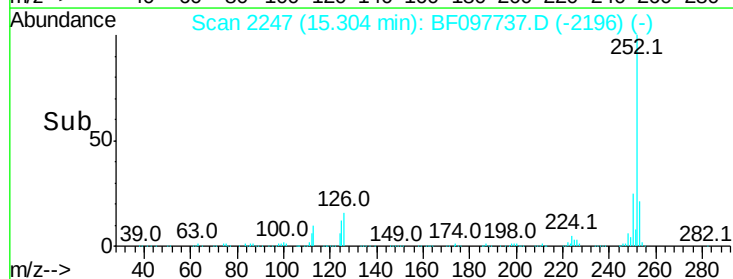
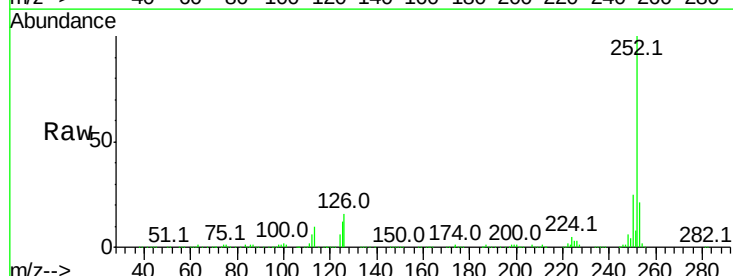
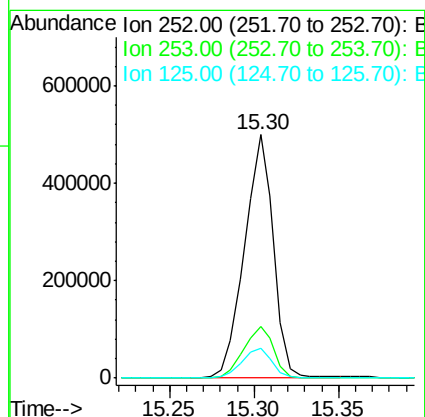
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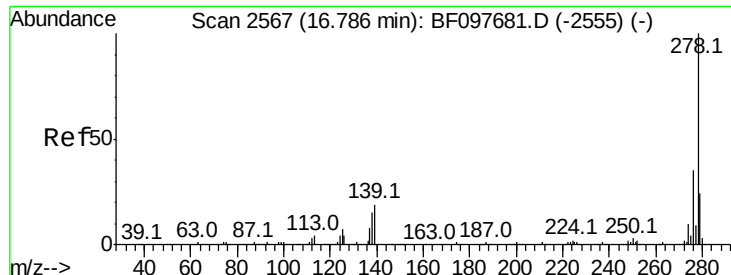
Sohil
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#89
Benzo(a)pyrene
Concen: 38.812 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	598005		
253	21.2	17.5	26.3	
125	12.2	11.0	16.4	





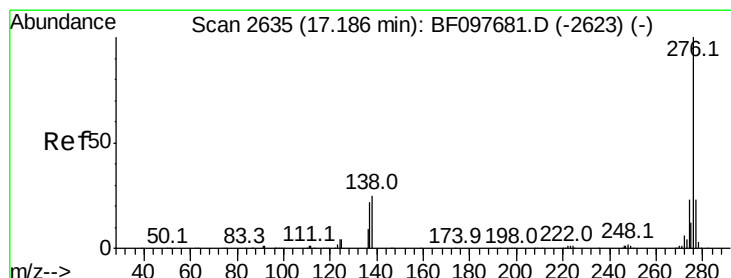
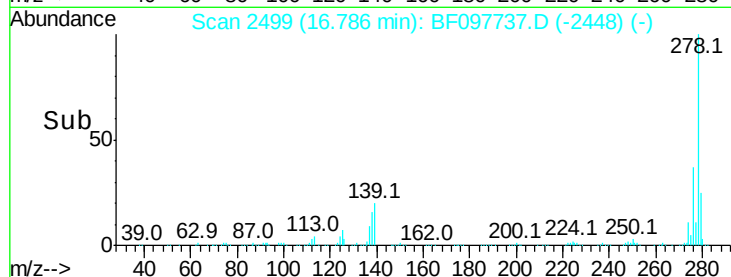
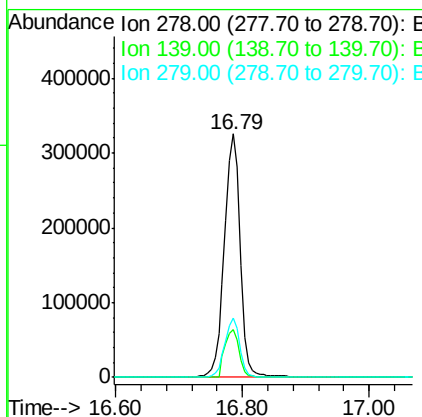
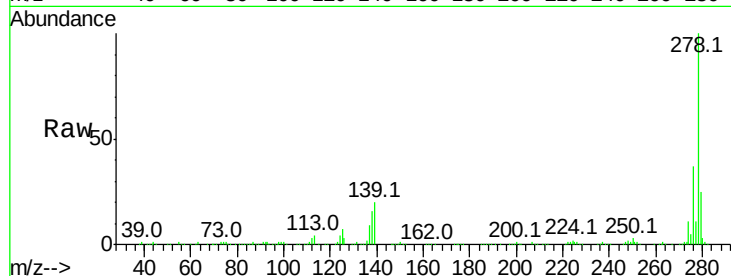
#90
Dibenzo(a,h)anthracene
Concen: 45.230 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion:	278	Resp:	567347
Ion Ratio	Lower	Upper	
278	100		
139	19.6	16.6	24.8
279	24.6	19.3	28.9

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#91
Benzo(g,h,i)perylene
Concen: 44.643 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:	276	Resp:	584309
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.6	28.0
138	24.3	25.4	38.0#

