

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
 Data File : BF097209.D
 Acq On : 31 Jul 2017 15:51
 Operator : SJ/JU
 Sample : I4421-11MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:35 PM

Quant Time: Jul 31 19:24:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 31 15:18:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	108854	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	497868	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	186430	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	258365	20.00	ng	0.00
75) Chrysene-d12	13.62	240	166432	20.00	ng	0.00
86) Perylene-d12	14.96	264	193308	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	779521	107.95	ng	0.01
7) Phenol-d6	6.15	99	891848	108.19	ng	0.00
23) Nitrobenzene-d5	7.05	82	562025	66.22	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	137935	93.64	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	801537	72.96	ng	0.00
78) Terphenyl-d14	12.57	244	415199	50.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.05	88	104866	34.801	ng	# 72
3) Pyridine	2.66	79	291680	31.611	ng	# 62
4) n-Nitrosodimethylamine	2.62	42	179001	35.017	ng	# 80
6) Aniline	6.14	93	238874	23.027	ng	# 81
8) 2-Chlorophenol	6.27	128	297040	38.471	ng	# 92
9) Benzaldehyde	6.02	77	91461	18.744	ng	# 96
10) Phenol	6.16	94	388336	39.715	ng	# 93
11) bis(2-Chloroethyl)ether	6.23	93	305661	39.524	ng	# 91
12) 1,3-Dichlorobenzene	6.42	146	309542	37.201	ng	# 96
13) 1,4-Dichlorobenzene	6.50	146	314040	38.083	ng	# 95
14) 1,2-Dichlorobenzene	6.65	146	280937	39.019	ng	# 98
15) Benzyl Alcohol	6.64	79	220799	42.305	ng	# 99
16) 2,2'-oxybis(1-Chloropropan	6.77	45	575185	37.082	ng	# 59
17) 2-Methylphenol	6.77	107	222149	37.279	ng	# 89
18) Hexachloroethane	6.99	117	112175	37.184	ng	# 80
19) n-Nitroso-di-n-propylamine	6.91	70	203077	37.426	ng	# 82
20) 3+4-Methylphenols	6.92	107	343232	44.100	ng	# 63
22) Acetophenone	6.90	105	378334	31.644	ng	# 97
24) Nitrobenzene	7.07	77	316068	35.759	ng	# 95
25) Isophorone	7.31	82	539781	32.477	ng	# 98
26) 2-Nitrophenol	7.39	139	171706	35.907	ng	# 83
27) 2,4-Dimethylphenol	7.45	122	283651	35.959	ng	# 97
28) bis(2-Chloroethoxy)methane	7.53	93	411236	37.916	ng	# 98
29) 2,4-Dichlorophenol	7.64	162	256417	37.733	ng	# 96
30) 1,2,4-Trichlorobenzene	7.71	180	229466	35.426	ng	# 97
31) Naphthalene	7.79	128	872732	37.187	ng	# 100
32) Benzoic acid	7.56	122	24630	4.181	ng	# 98
33) 4-Chloroaniline	7.85	127	171566	17.966	ng	# 98
34) Hexachlorobutadiene	7.91	225	117291	34.156	ng	# 98
35) Caprolactam	8.21	113	83057m	38.116	ng	#
36) 4-Chloro-3-methylphenol	8.35	107	259934	35.061	ng	# 89
37) 2-Methylnaphthalene	8.47	142	571142	38.436	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	194717	39.144	ng	# 99
40) Hexachlorocyclopentadiene	8.63	237	23686	19.086	ng	# 98

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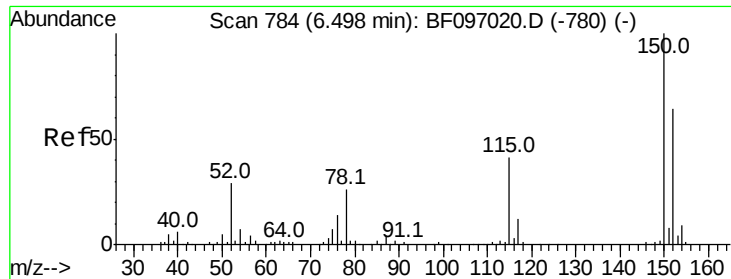
Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:35 PM

Quant Time: Jul 31 19:24:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	142099	39.419	nq	98
43) 2,4,5-Trichlorophenol	8.82	196	145557	40.341	nq	98
45) 1,1'-Biphenyl	8.94	154	606539	38.090	nq	96
46) 2-Chloronaphthalene	8.96	162	464374	39.629	nq	94
47) 2-Nitroaniline	9.07	65	185992	43.736	nq	95
48) Acenaphthylene	9.37	152	644436	35.829	nq	98
49) Dimethylphthalate	9.25	163	636804	44.981	nq	99
50) 2,6-Dinitrotoluene	9.31	165	112773	37.558	nq #	76
51) Acenaphthene	9.55	154	382126	36.068	nq	98
52) 3-Nitroaniline	9.47	138	95840	25.715	nq	99
53) 2,4-Dinitrophenol	9.60	184	15748	11.535	nq #	78
54) Dibenzofuran	9.72	168	556638	39.445	nq	98
55) 4-Nitrophenol	9.67	139	124557	56.198	nq #	54
56) 2,4-Dinitrotoluene	9.72	165	128412	37.202	nq #	79
57) Fluorene	10.06	166	401516	37.856	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.85	232	93618	37.578	nq	96
59) Diethylphthalate	9.95	149	481757	37.092	nq	98
60) 4-Chlorophenyl-phenylether	10.05	204	168106	38.382	nq	98
61) 4-Nitroaniline	10.09	138	101919	28.780	nq	94
62) Azobenzene	10.21	77	447348	37.127	nq	91
64) 4,6-Dinitro-2-methylphenol	10.13	198	31202	19.435	nq	84
65) n-Nitrosodiphenylamine	10.17	169	367786	40.913	nq	97
66) 4-Bromophenyl-phenylether	10.54	248	102428	39.725	nq	100
67) Hexachlorobenzene	10.61	284	100398	34.723	nq	96
68) Atrazine	10.71	200	100587	39.021	nq	94
69) Pentachlorophenol	10.81	266	73327	61.293	nq	99
70) Phenanthrene	11.01	178	632552	45.694	nq	100
71) Anthracene	11.06	178	563937	39.774	nq	98
72) Carbazole	11.22	167	497548	35.681	nq	99
73) Di-n-butylphthalate	11.56	149	620145	35.978	nq	99
74) Fluoranthene	12.19	202	578311	42.643	nq	99
76) Benzidine	12.32	184	169900	27.512	nq #	93
77) Pyrene	12.42	202	599369	43.990	nq	99
79) Butylbenzylphthalate	13.05	149	218832	31.574	nq #	82
80) Benzo(a)anthracene	13.60	228	445511	41.370	nq	98
81) 3,3'-Dichlorobenzidine	13.57	252	115476	28.435	nq	98
82) Chrysene	13.64	228	418068	39.758	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	279685	30.907	nq	99
84) Di-n-octyl phthalate	14.23	149	513633	30.930	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.20	276	436981	48.463	nq	97
87) Benzo(b)fluoranthene	14.61	252	486311	41.851	nq	99
88) Benzo(k)fluoranthene	14.63	252	336221	30.364	nq #	95
89) Benzo(a)pyrene	14.92	252	456876	42.959	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	357319	40.971	nq	96
91) Benzo(g,h,i)perylene	16.56	276	369126	40.360	nq	98

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



#1

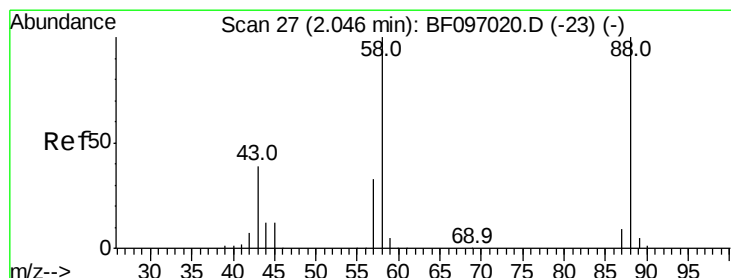
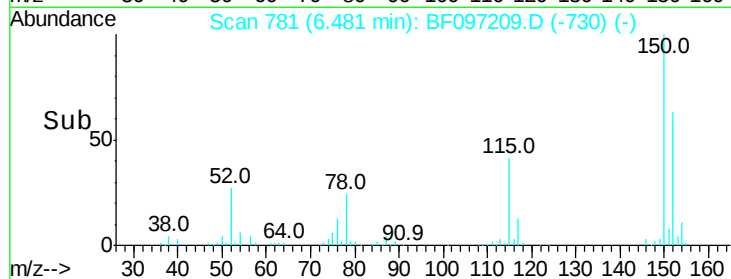
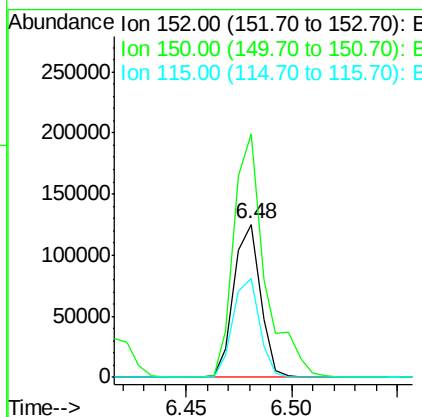
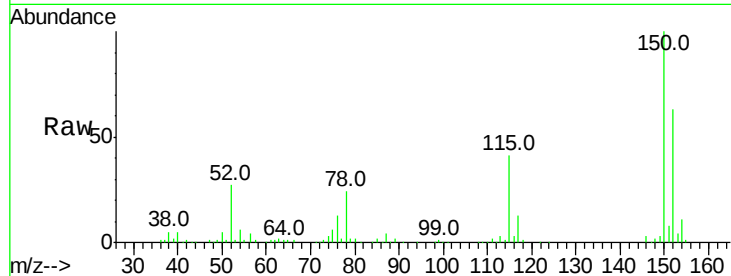
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	64.9	52.2	78.2

Manual Integrations
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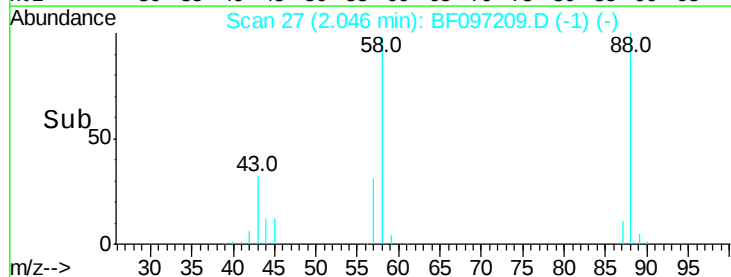
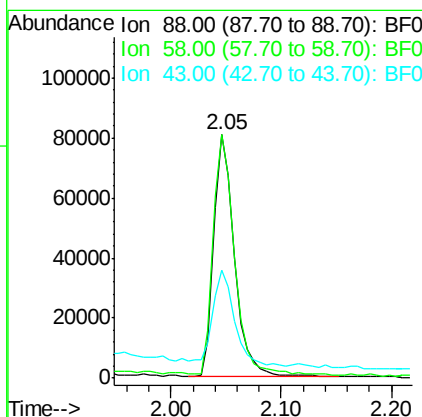
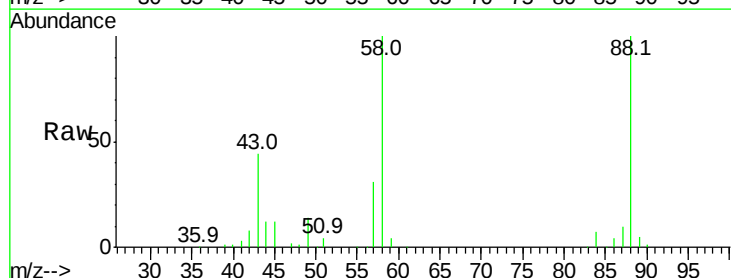
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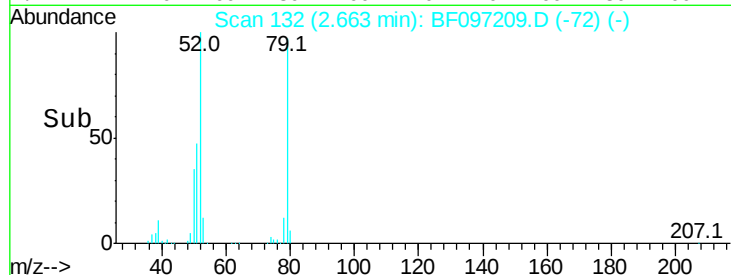
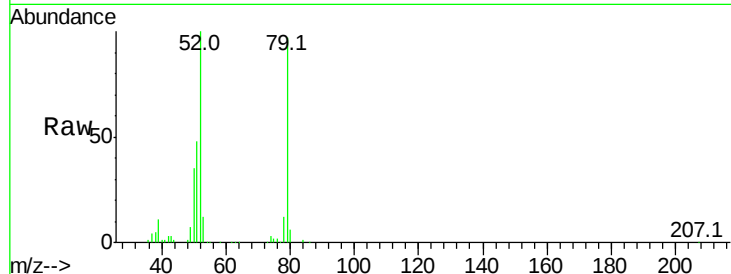
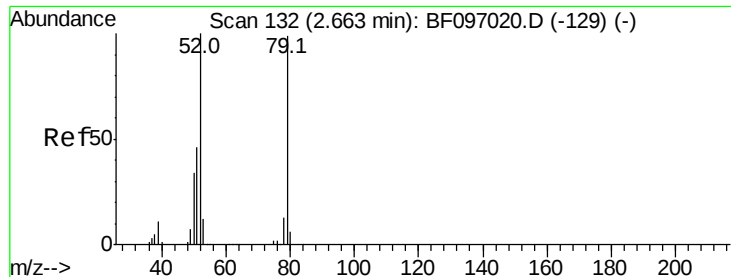


#2

1,4-Dioxane
Concen: 34.801 ng
RT: 2.05 min Scan# 27
Delta R.T. 0.04 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.2	61.4	92.0#
43	41.5	23.4	35.0#





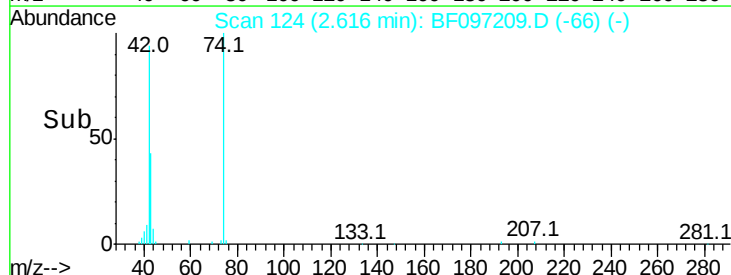
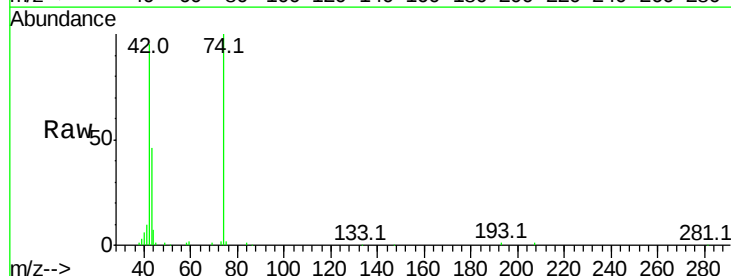
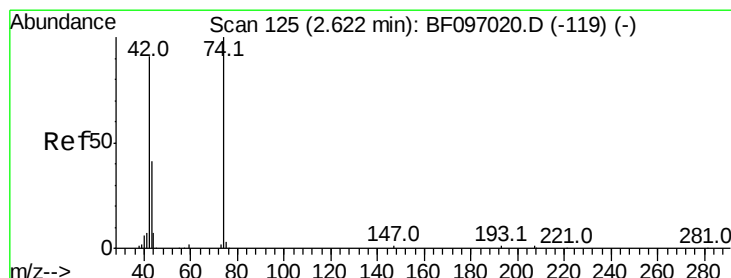
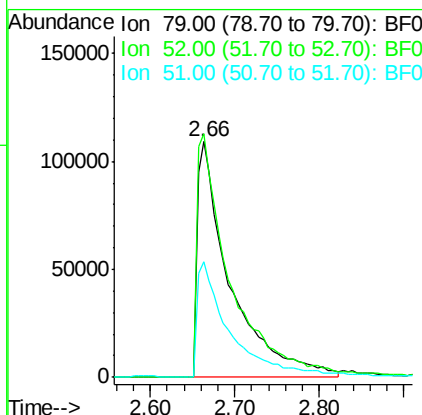
#3
Pvridine
Concen: 31.611 ng
RT: 2.66 min Scan# 132
Delta R.T. 0.05 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	103.3	54.8	82.2#
51	49.1	27.0	40.4#

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

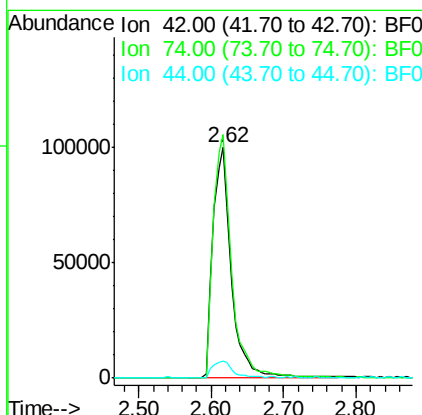
Manual Integrations
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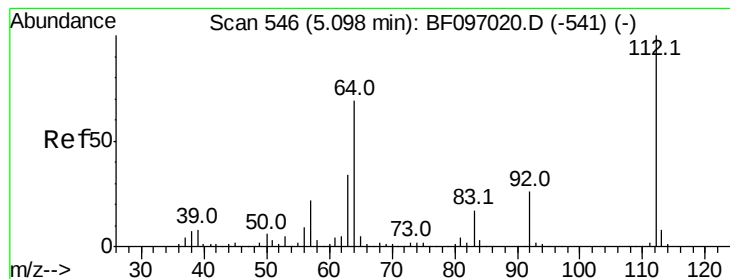
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#4
n-Nitrosodimethylamine
Concen: 35.017 ng
RT: 2.62 min Scan# 124
Delta R.T. 0.04 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	105.7	103.9	155.9
44	7.6	5.7	8.5





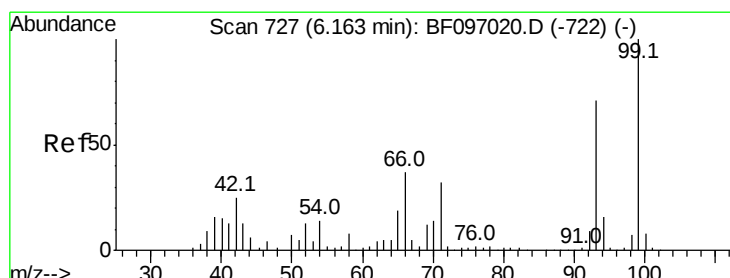
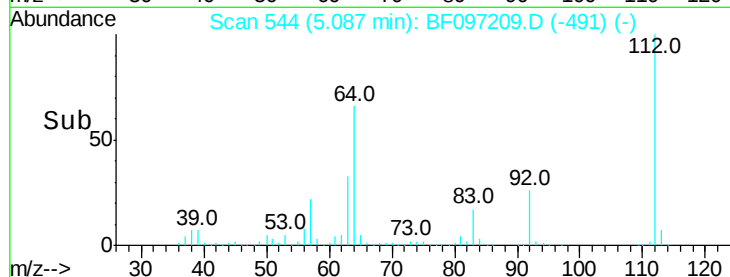
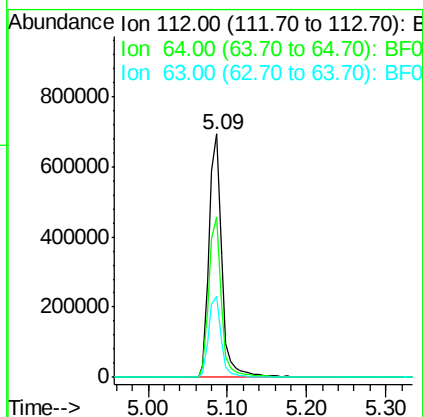
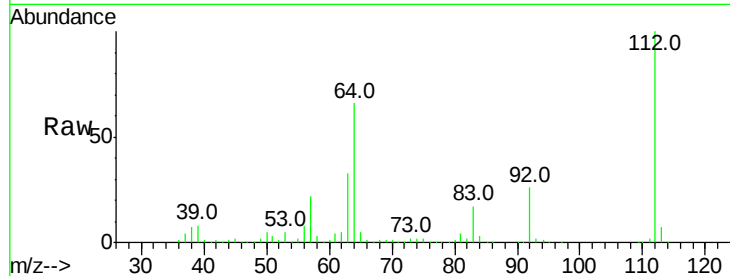
#5
 2-Fluorophenol
 Concen: 107.954 ng
 RT: 5.09 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.9	46.0	69.0
63	33.4	23.4	35.0

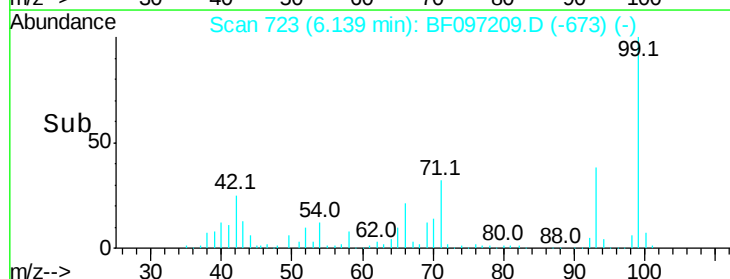
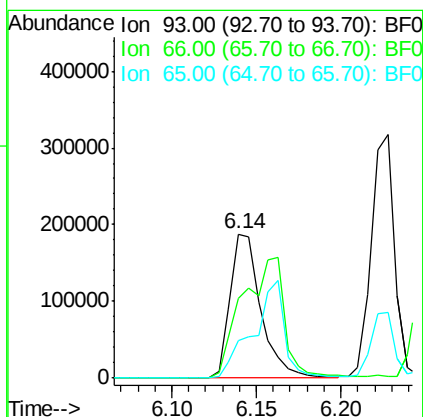
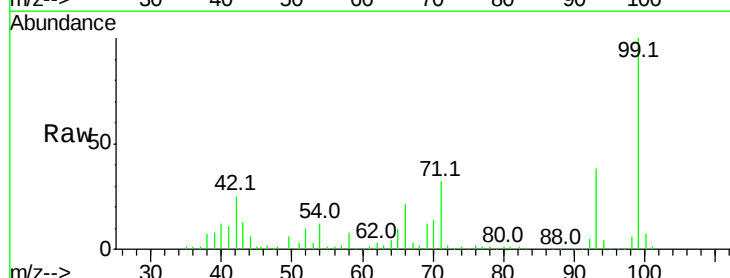
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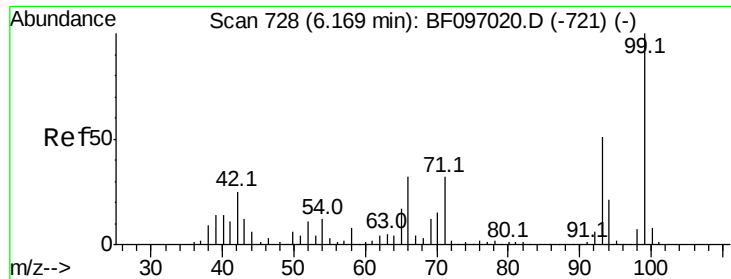
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#6
 Aniline
 Concen: 23.027 ng
 RT: 6.14 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	55.0	32.9	49.3#
65	25.8	16.0	24.0#





#7

Phenol-d6

Concen: 108.188 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

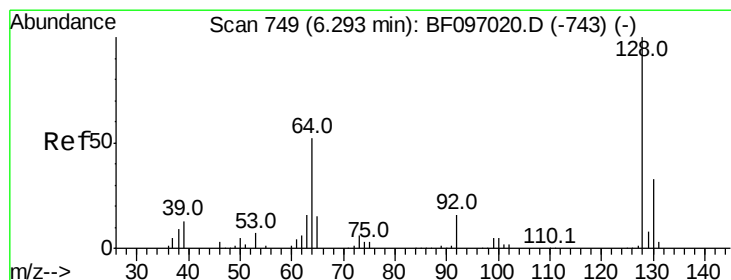
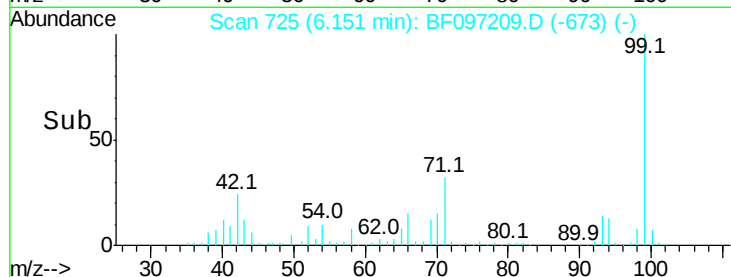
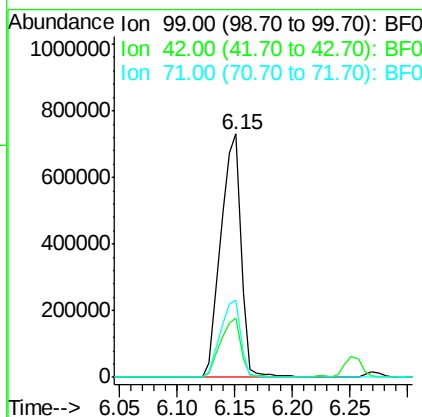
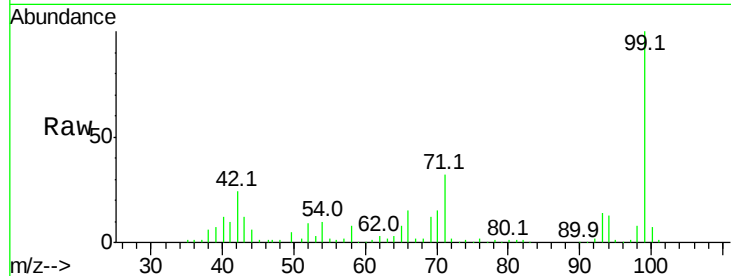
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	99	Resp:	891848
Ion Ratio	Lower	Upper	
99	100		
42	24.2	13.5	20.3#
71	31.7	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.471 ng

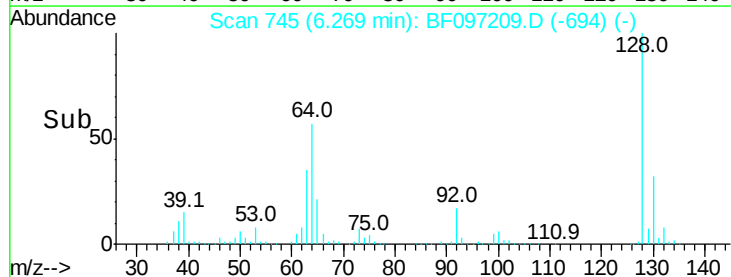
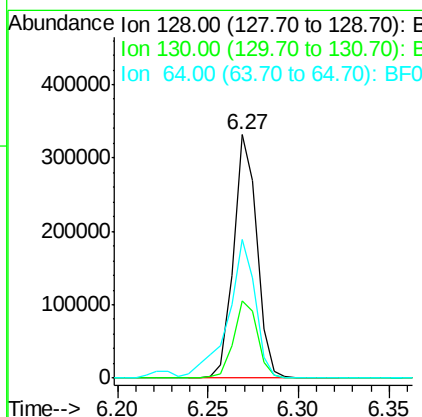
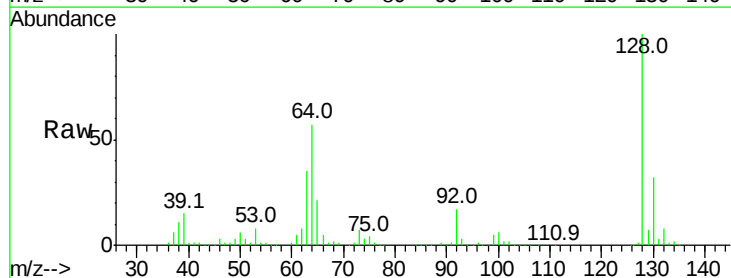
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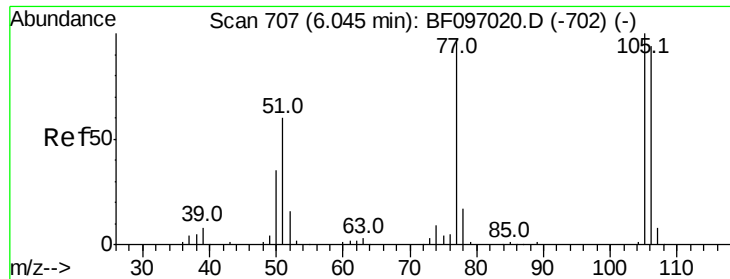
Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	128	Resp:	297040
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.9	52.9
64	57.1	28.4	68.4





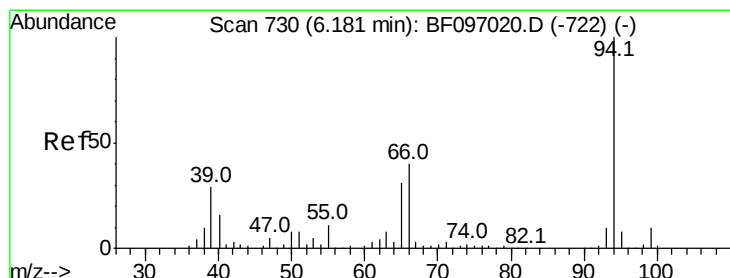
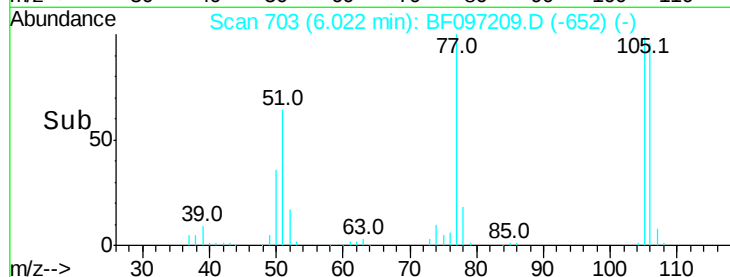
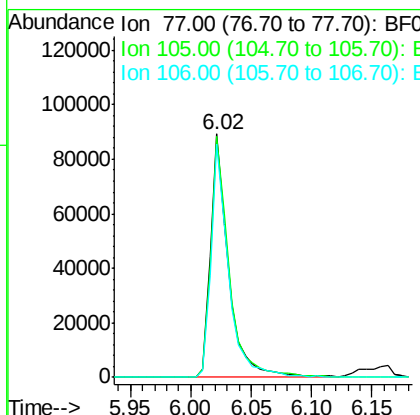
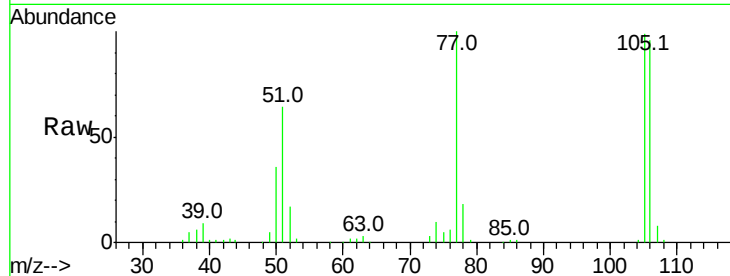
#9
Benzaldehyde
Concen: 18.744 ng
RT: 6.02 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	99.2	83.8	123.8	
106	95.9	79.1	119.1	

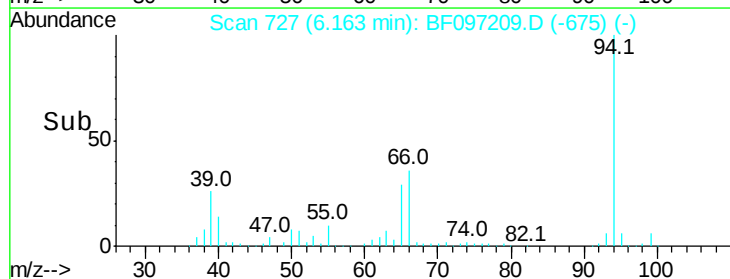
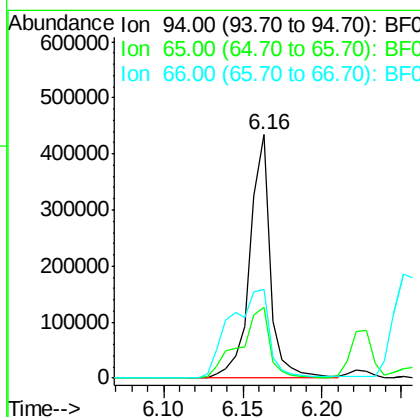
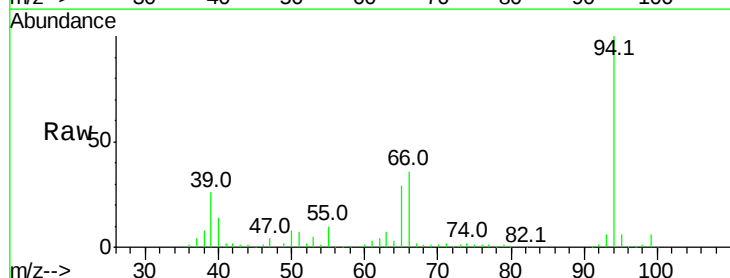
Manual Integrations
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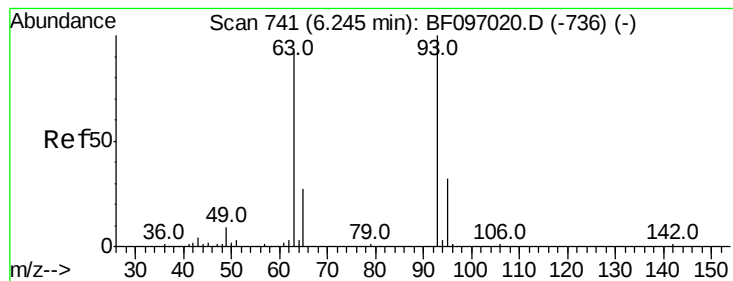
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#10
Phenol
Concen: 39.715 ng
RT: 6.16 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	29.2	9.9	49.9	
66	36.4	23.1	63.1	





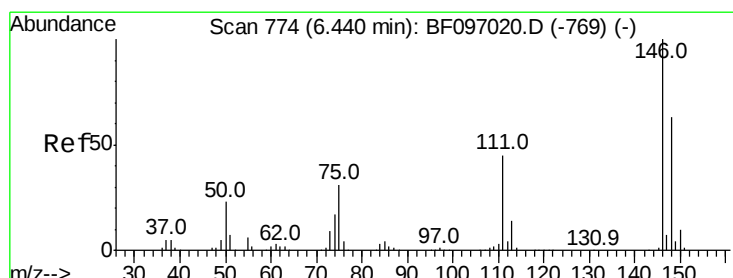
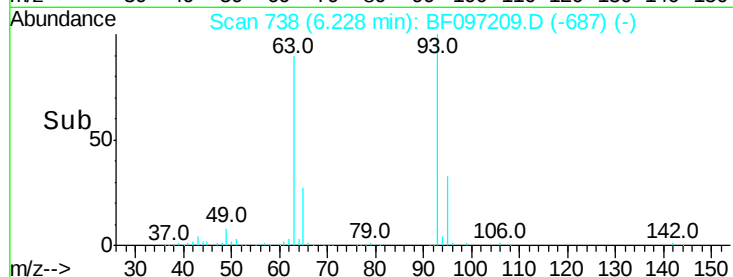
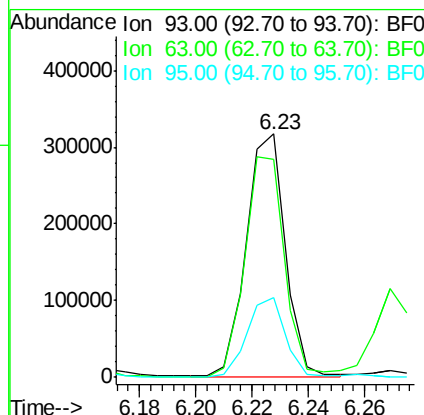
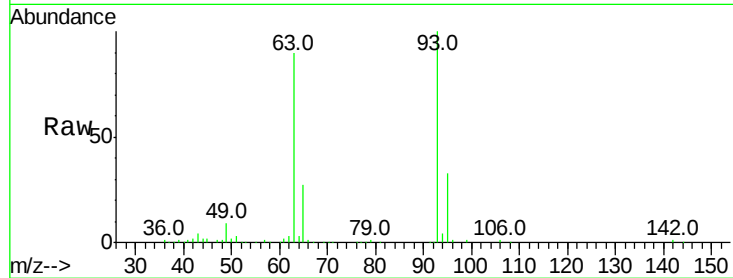
#11
bis(2-Chloroethyl)ether
Concen: 39.524 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	59.2	99.2
95	32.7	12.8	52.8

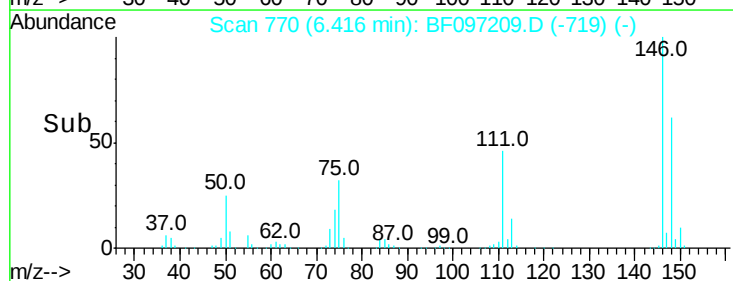
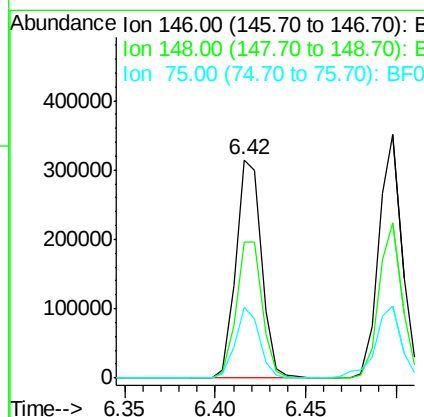
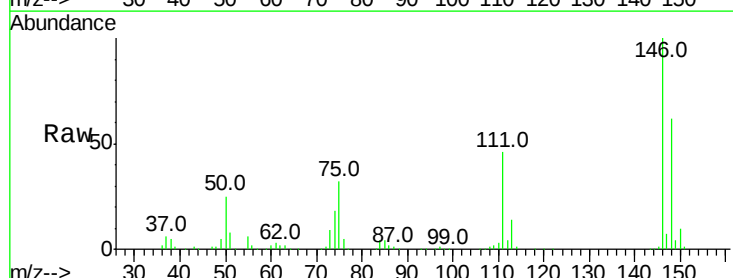
Manual Integrations
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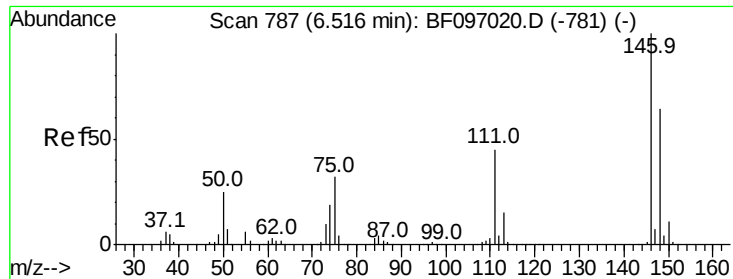
Sohil
8/1/2017 5:44:35 PM



#12
1,3-Dichlorobenzene
Concen: 37.201 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.8	77.6
75	32.3	23.1	34.7





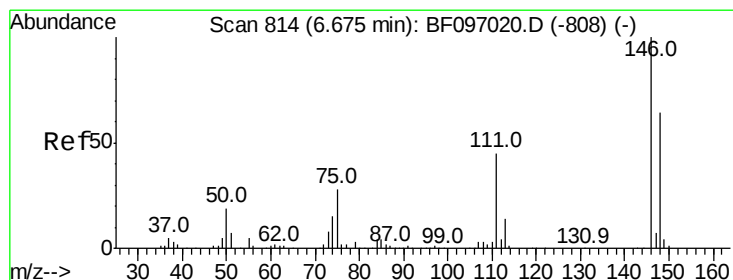
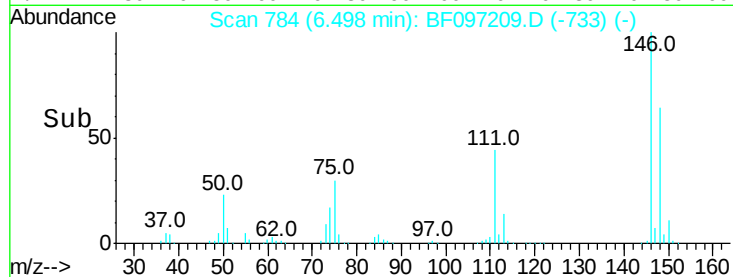
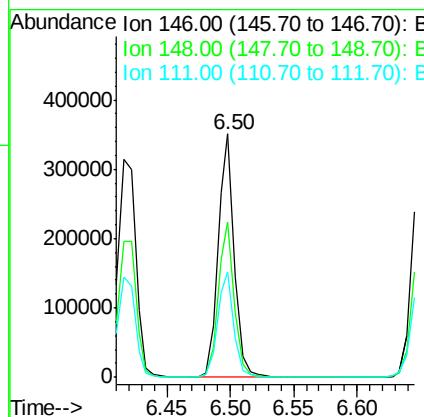
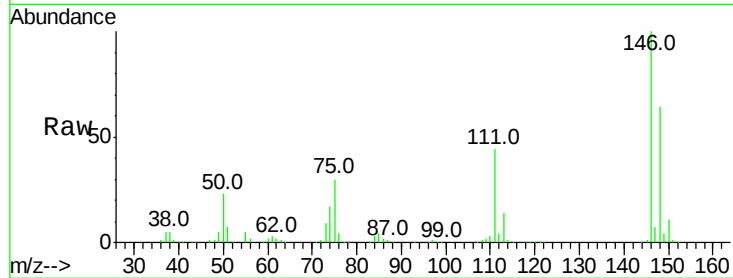
#13
 1,4-Dichlorobenzene
 Concen: 38.083 ng
 RT: 6.50 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.2	78.2
111	43.5	30.3	45.5

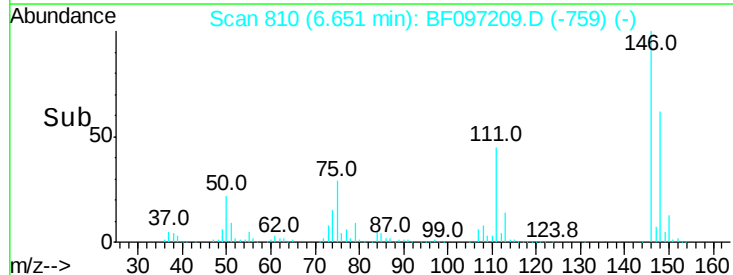
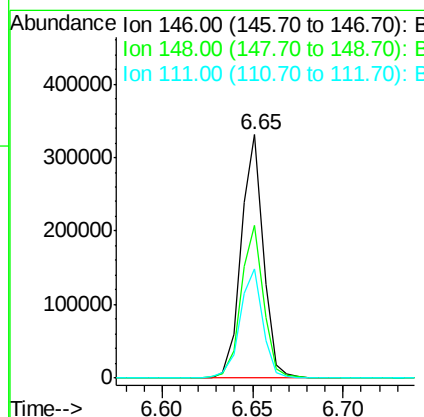
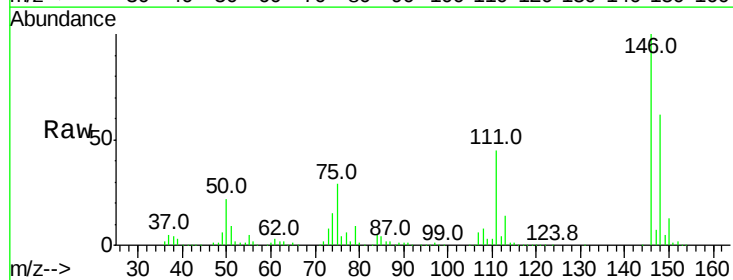
Manual Integrations
 APPROVED

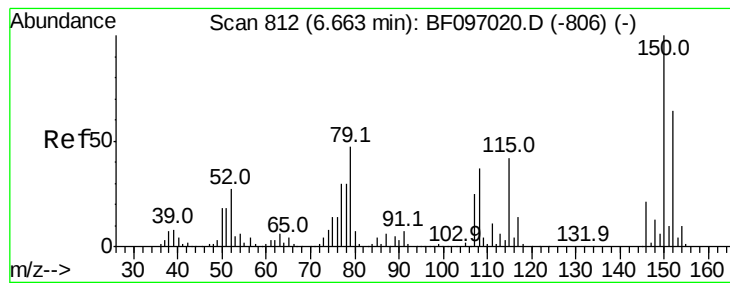
Sohil
 8/1/2017 5:44:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.019 ng
 RT: 6.65 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.4	75.6
111	44.7	38.2	57.4





#15

Benzyl Alcohol

Concen: 42.305 ng

RT: 6.64 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMSD

Tot Ion: 79 Resp: 220799

Ion Ratio Lower Upper

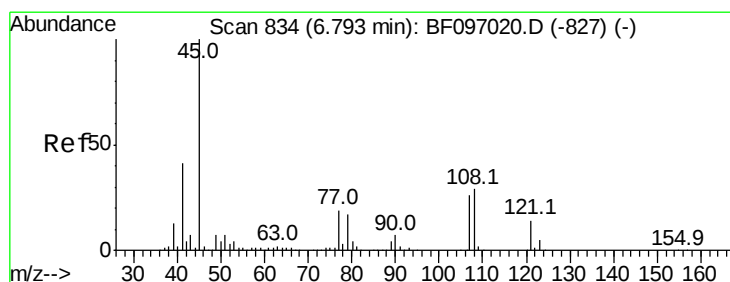
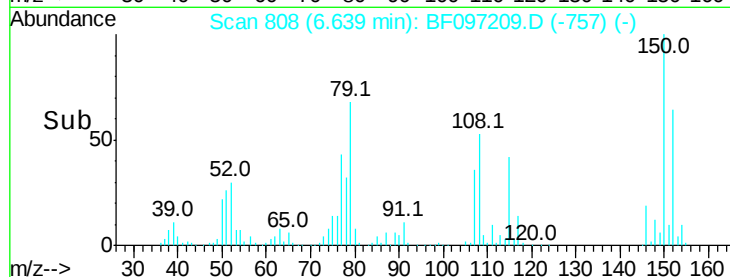
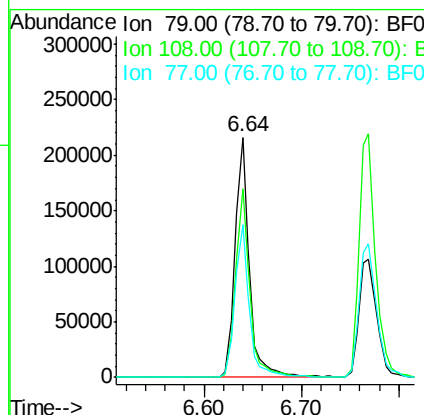
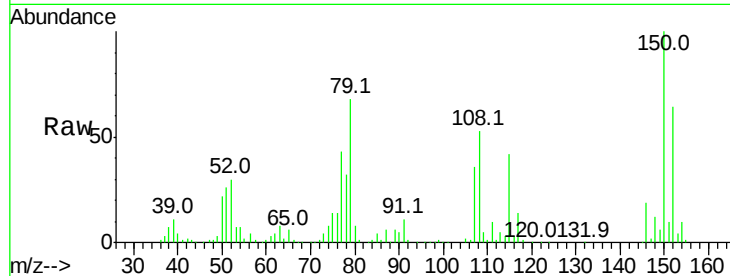
79 100

108 78.7 63.4 95.0

77 63.4 49.2 73.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.082 ng

RT: 6.77 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

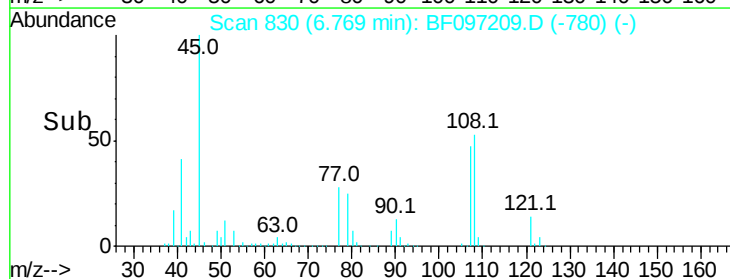
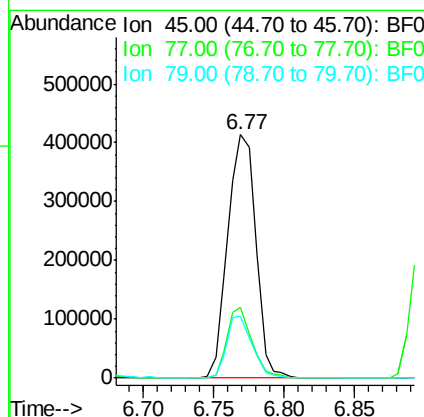
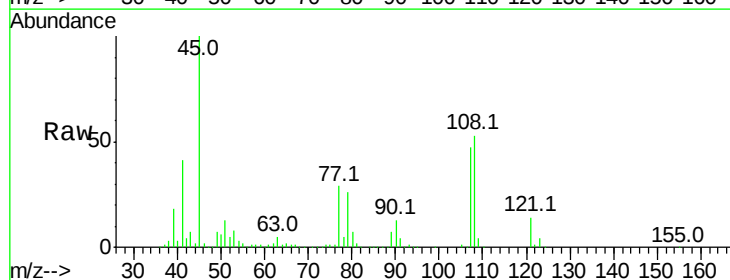
Tgt Ion: 45 Resp: 575185

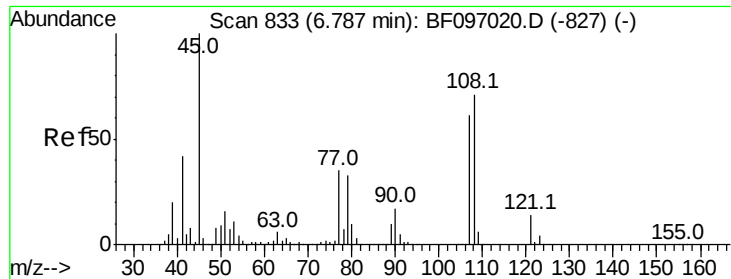
Ion Ratio Lower Upper

45 100

77 29.0 0.0 33.2

79 25.6 0.0 30.0





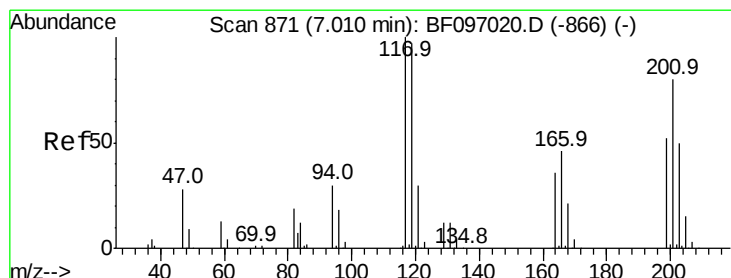
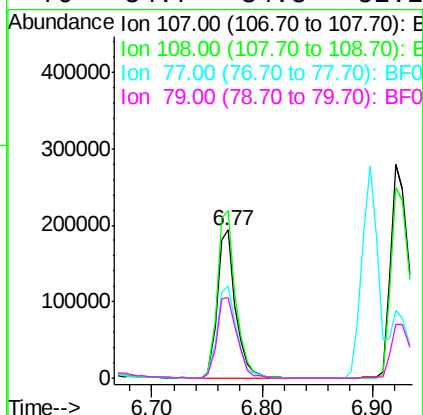
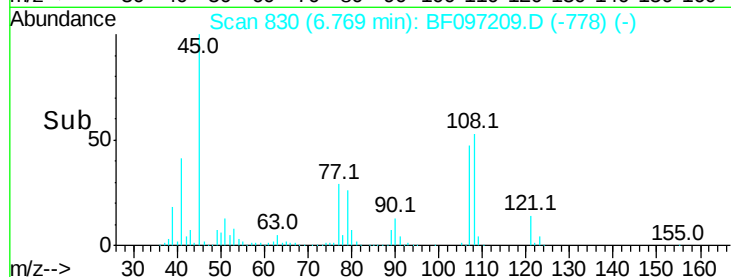
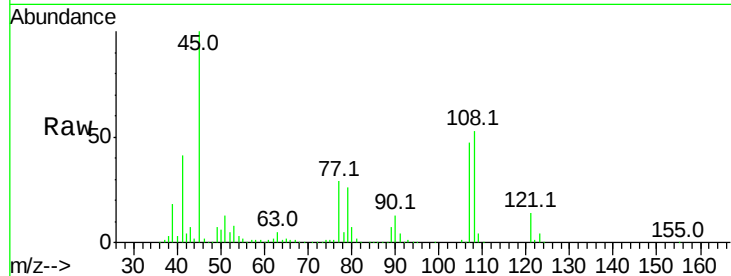
#17
2-Methylphenol
Concen: 37.279 ng
RT: 6.77 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	222149		
108	113.1	93.4	140.0	
77	61.9	35.8	53.6#	
79	54.7	34.8	52.2#	

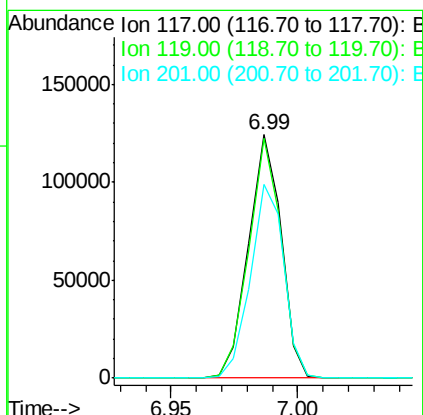
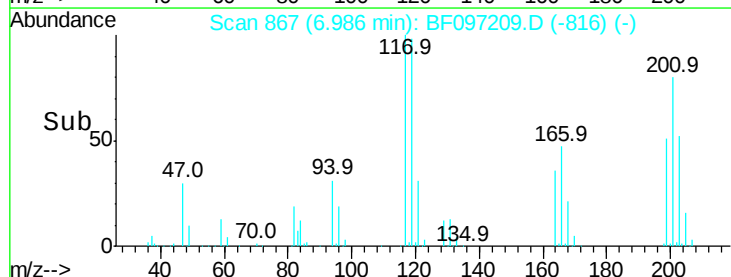
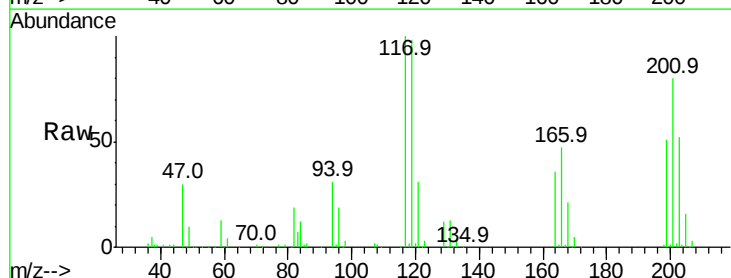
Manual Integrations
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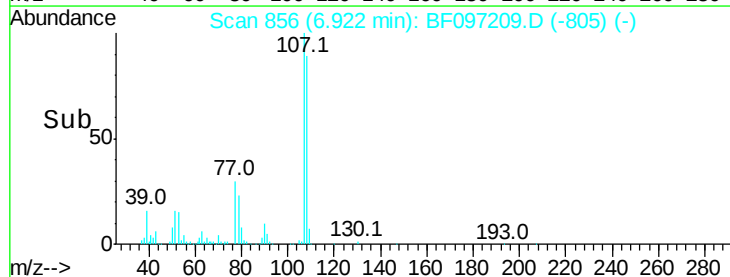
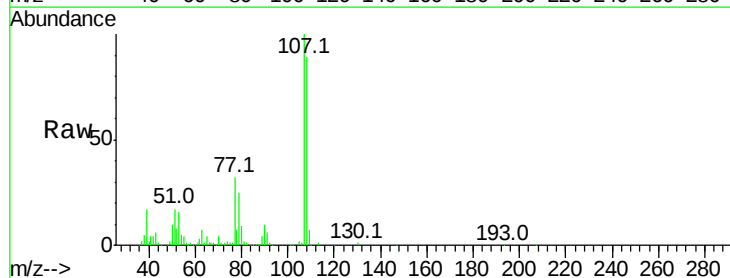
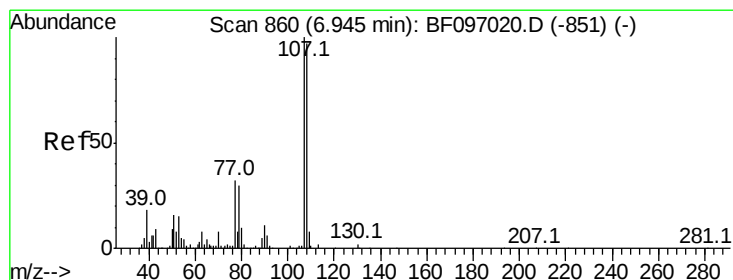
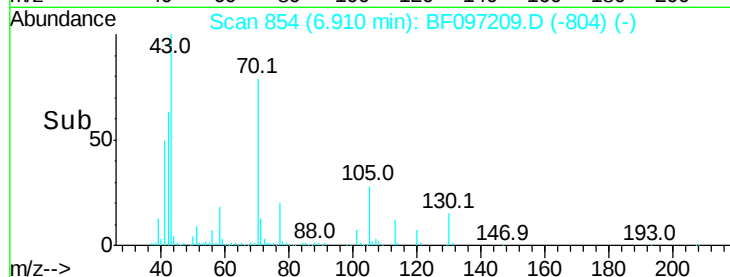
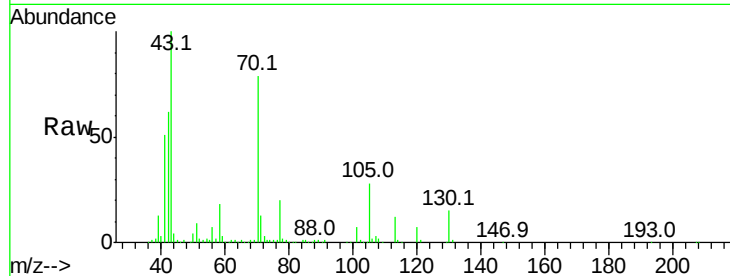
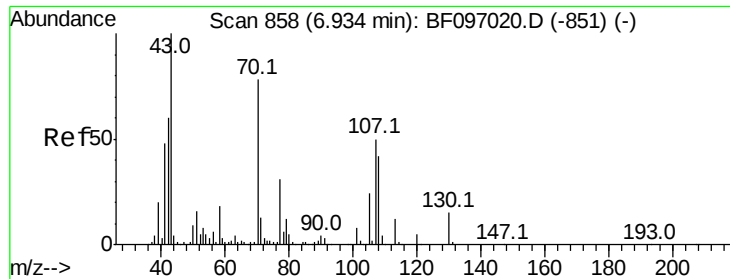
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#18
Hexachloroethane
Concen: 37.184 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

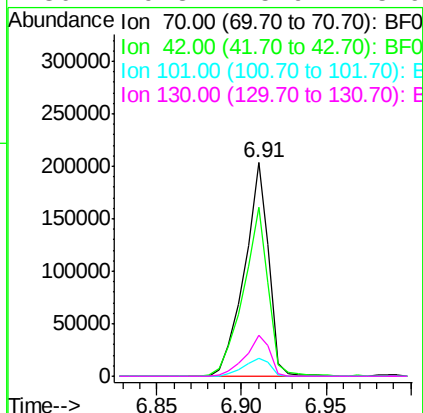
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112175		
119	98.3	77.4	116.0	
201	79.6	94.6	141.8#	





#19
n-Nitroso-di-n-propylamine
Concen: 37.426 ng
RT: 6.91 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	79.1	47.2	70.8#	
101	8.5	7.2	10.8	
130	19.3	15.9	23.9	



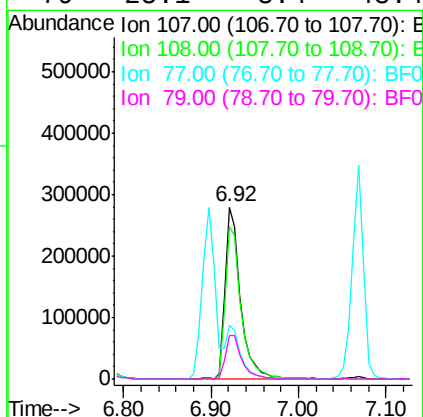
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

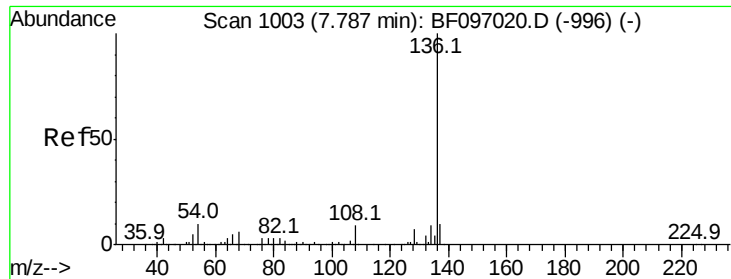
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#20
3+4-Methylphenols
Concen: 44.100 ng
RT: 6.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	71.0	111.0	
77	31.6	90.5	130.5#	
79	25.1	8.4	48.4	





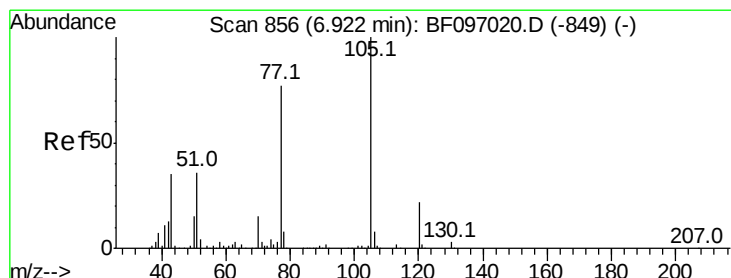
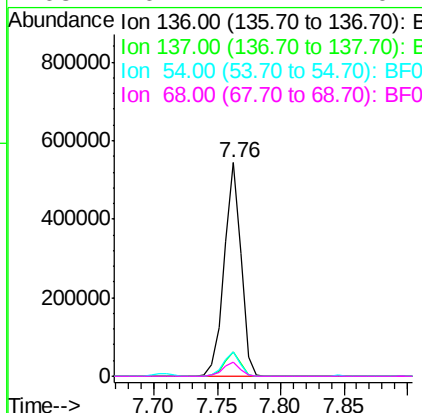
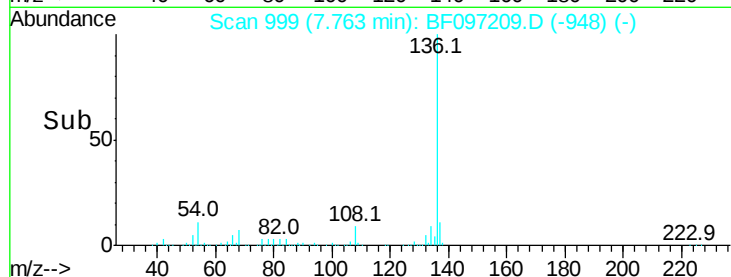
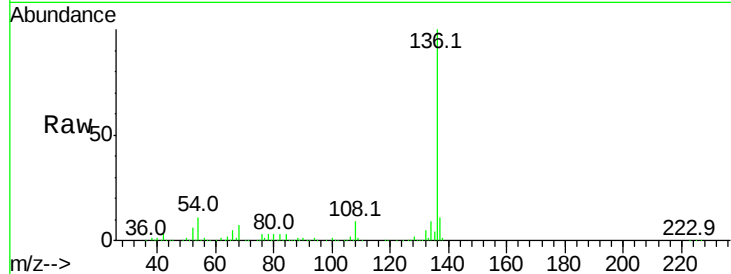
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.5	12.7	
54	11.3	4.9	7.3	
68	6.7	4.1	6.1	

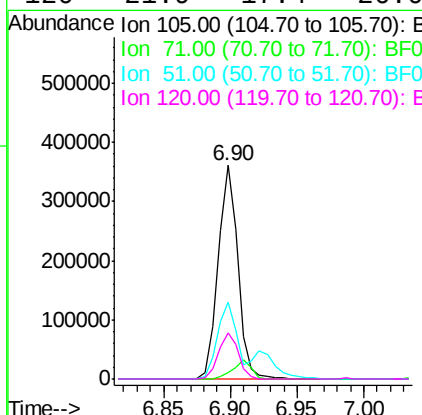
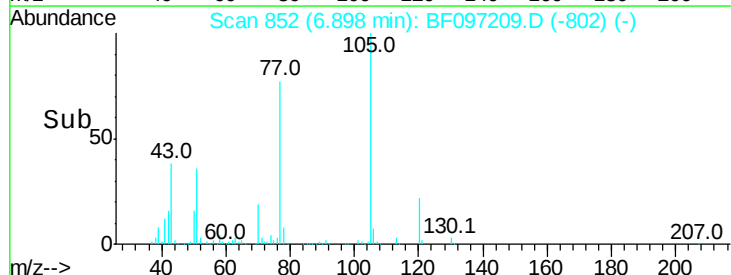
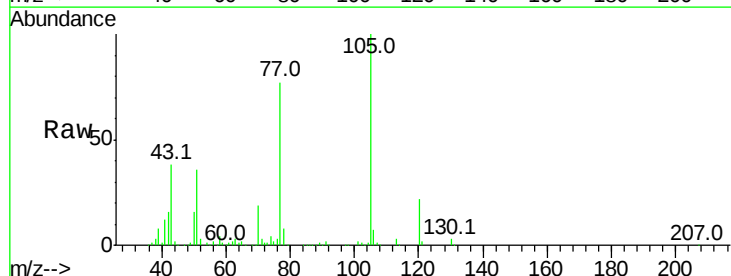
Manual Integrations
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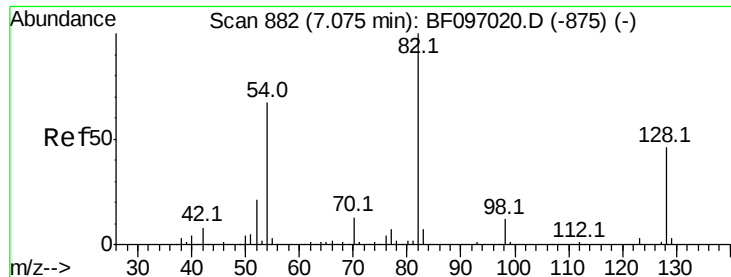
Sohil
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#22
Acetophenone
Concen: 31.644 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.0	2.8	4.2	
51	35.7	30.7	46.1	
120	21.9	17.4	26.0	





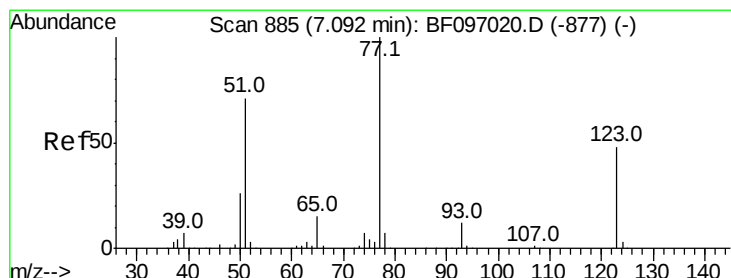
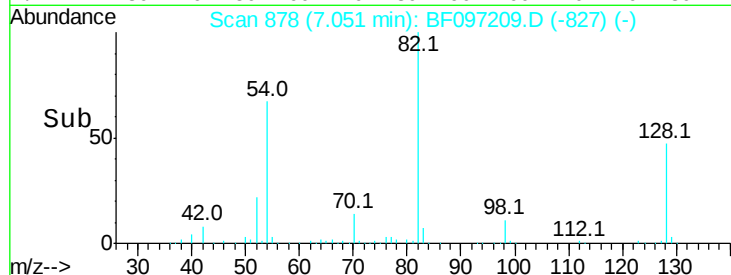
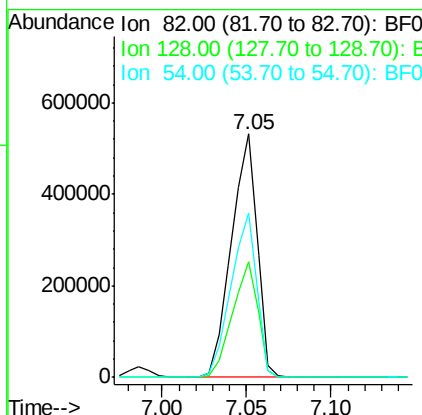
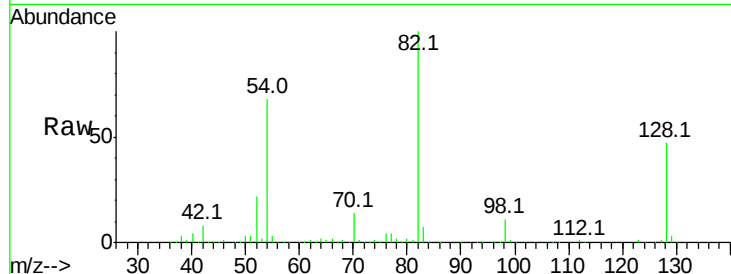
#23
 Nitrobenzene-d5
 Concen: 66.224 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	67.5	42.2	63.2#

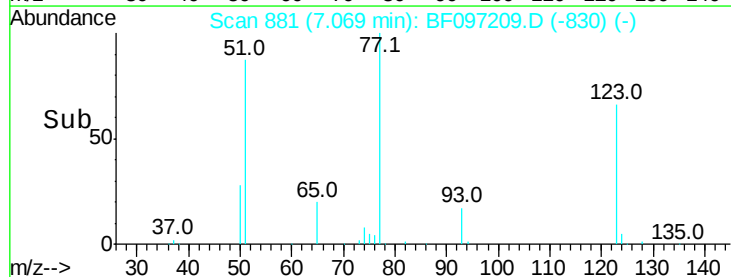
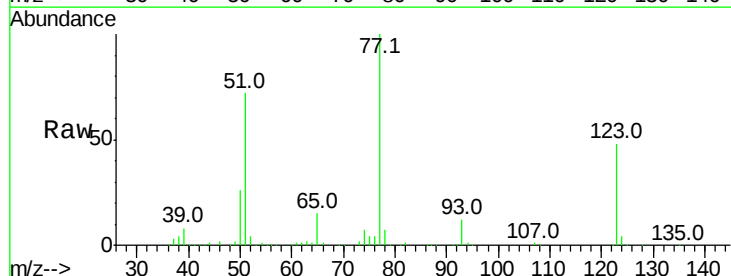
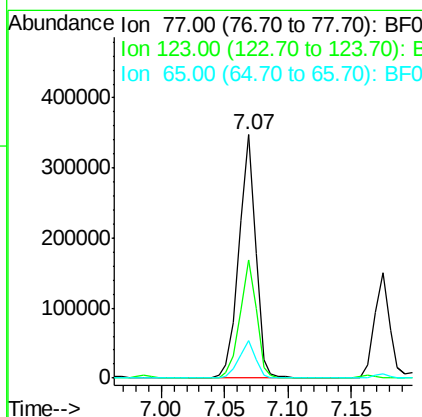
Manual Integrations
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#24
 Nitrobenzene
 Concen: 35.759 ng
 RT: 7.07 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	35.8	53.8
65	15.2	10.6	15.8





#25

Isophorone

Concen: 32.477 ng

RT: 7.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

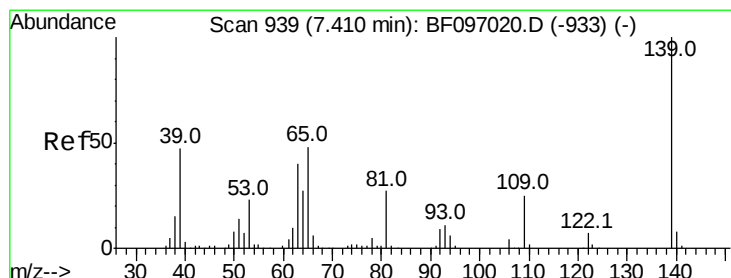
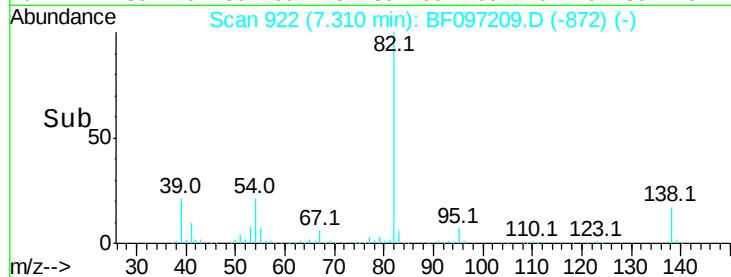
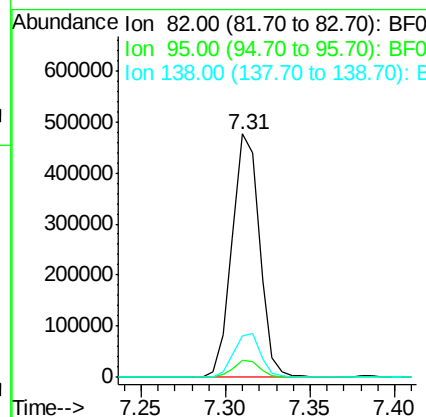
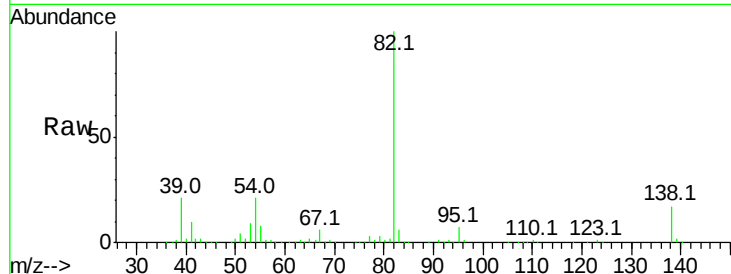
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	82	Resp:	539781
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.3	7.9
138	17.2	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.907 ng

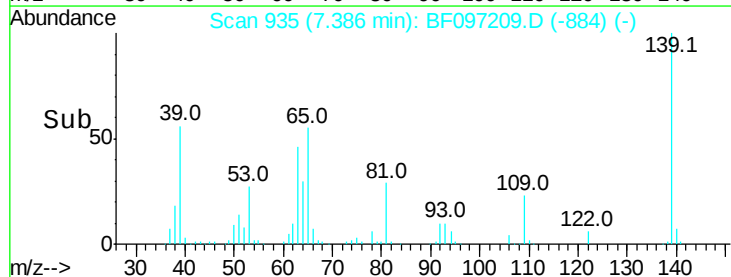
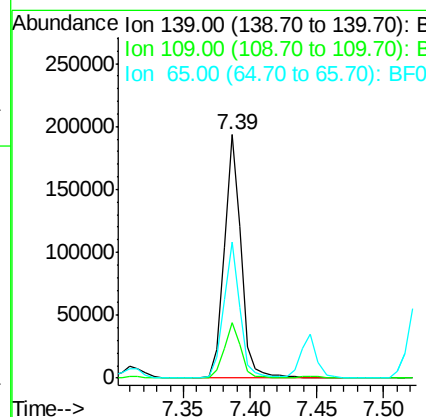
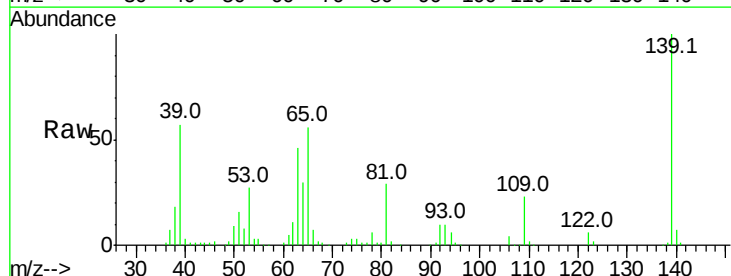
RT: 7.39 min Scan# 935

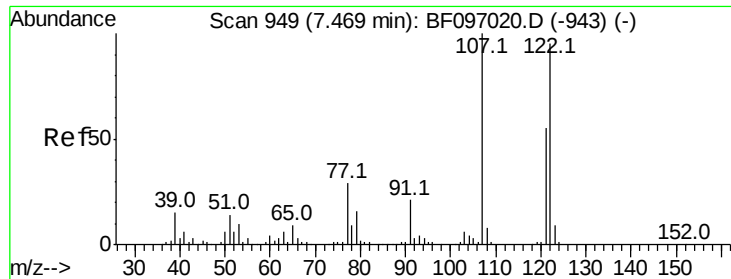
Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	139	Resp:	171706
Ion Ratio	Lower	Upper	
139	100		
109	22.7	21.0	31.6
65	55.8	33.0	49.6#





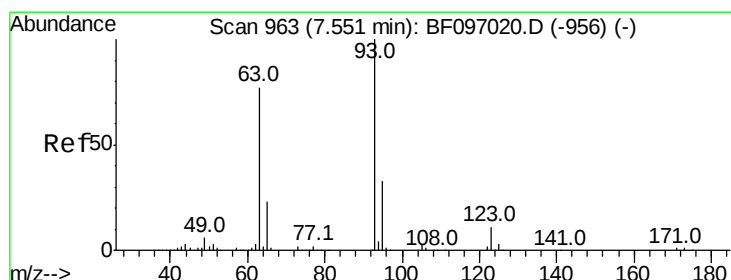
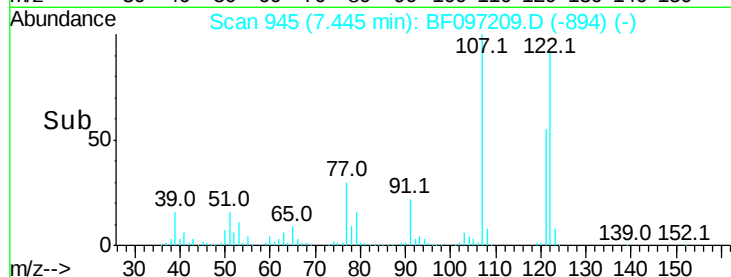
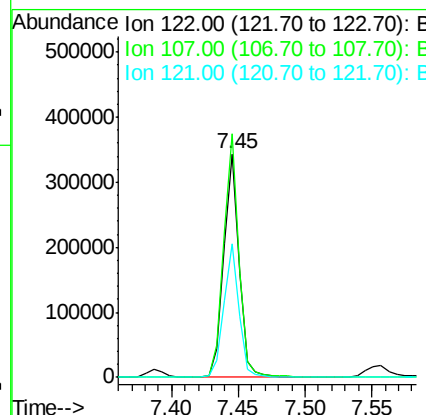
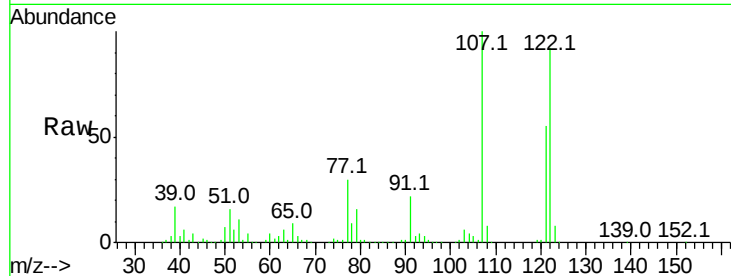
#27
2,4-Dimethylphenol
Concen: 35.959 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	283651		
107	108.8	89.2	133.8	
121	59.5	45.2	67.8	

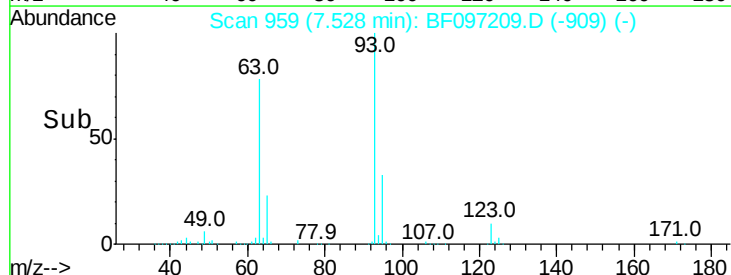
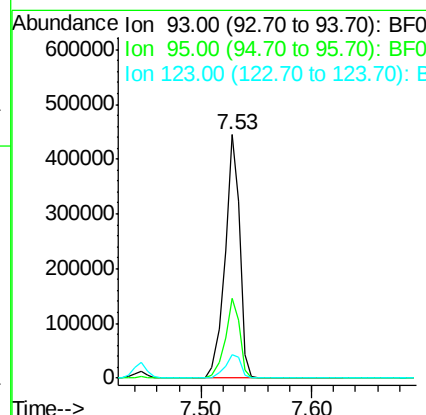
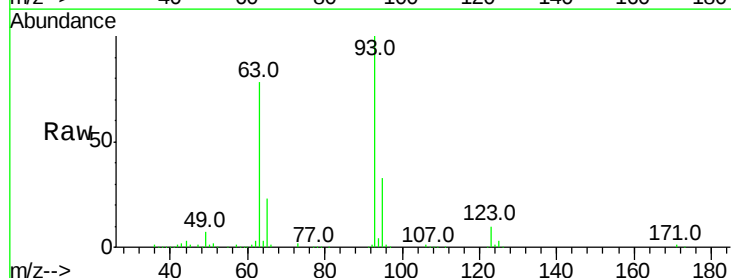
Manual Integrations
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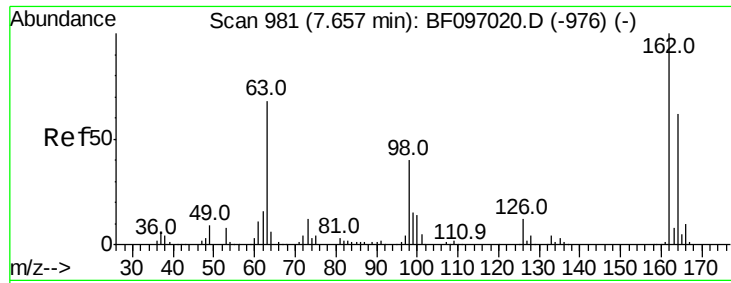
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 37.916 ng
RT: 7.53 min Scan# 959
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	411236		
95	32.6	26.5	39.7	
123	9.7	9.0	13.4	





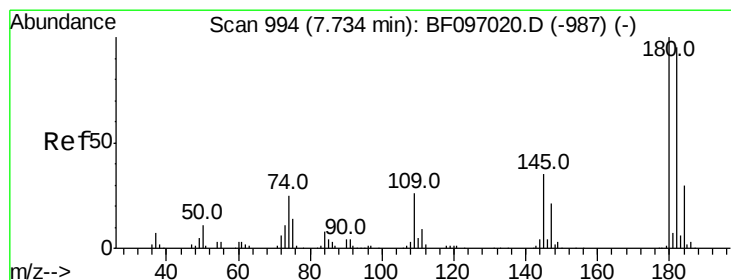
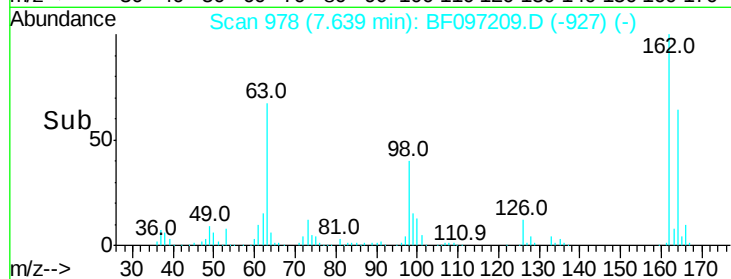
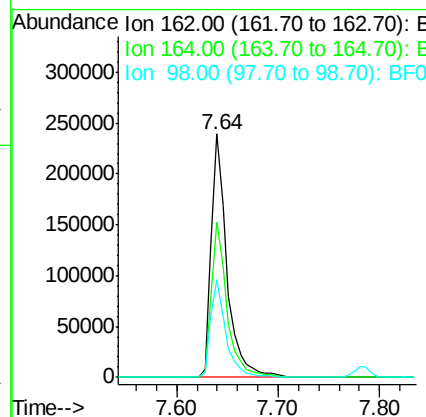
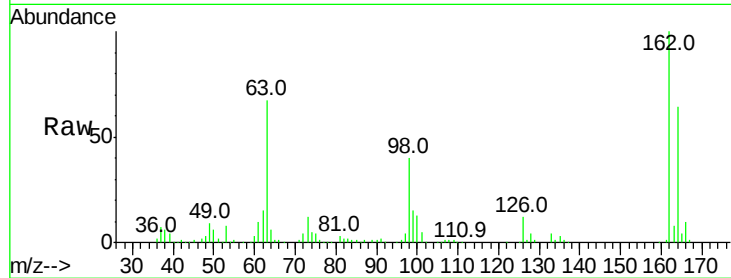
#29
 2,4-Dichlorophenol
 Concen: 37.733 ng
 RT: 7.64 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	256417		
164	63.9	44.6	84.6	
98	40.2	14.8	54.8	

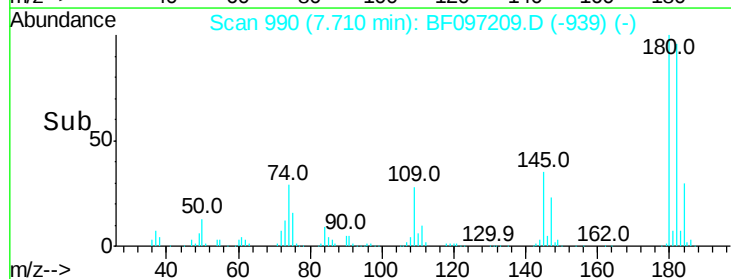
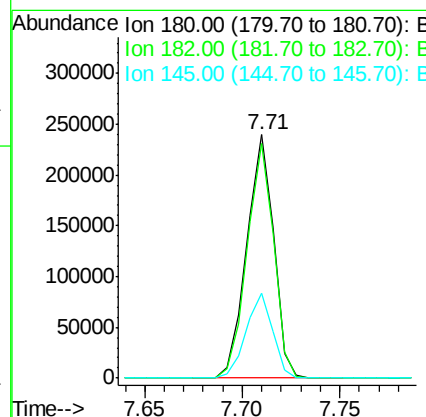
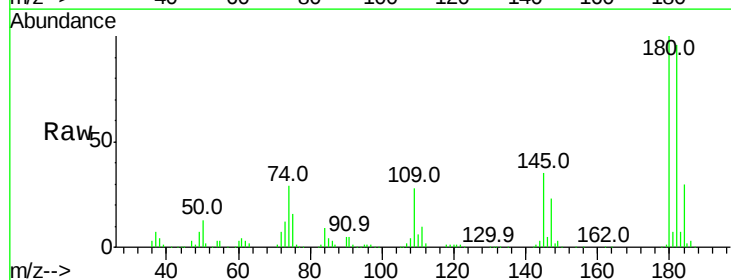
Manual Integrations
 APPROVED

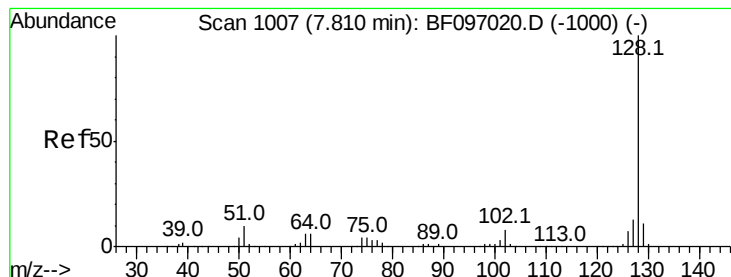
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.426 ng
 RT: 7.71 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229466		
182	96.4	75.8	113.6	
145	35.0	25.3	37.9	





#31

Naphthalene

Concen: 37.187 ng

RT: 7.79 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

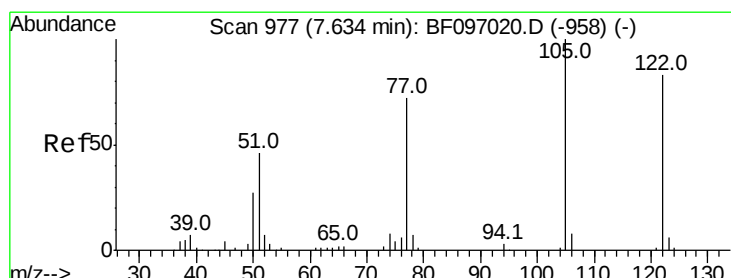
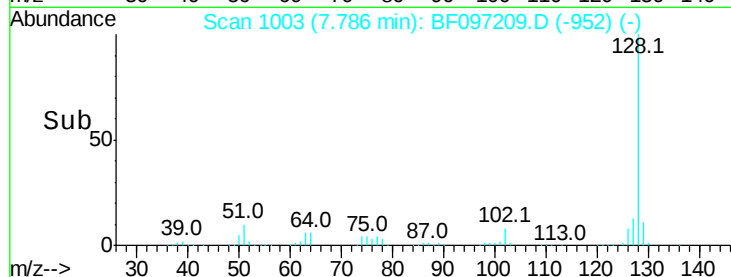
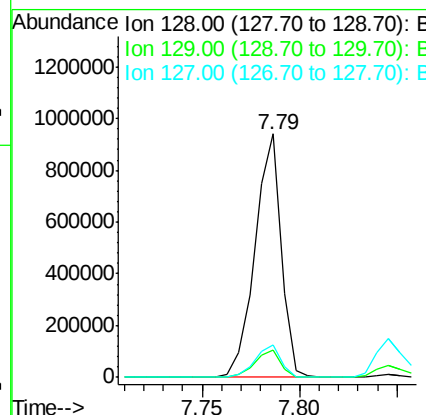
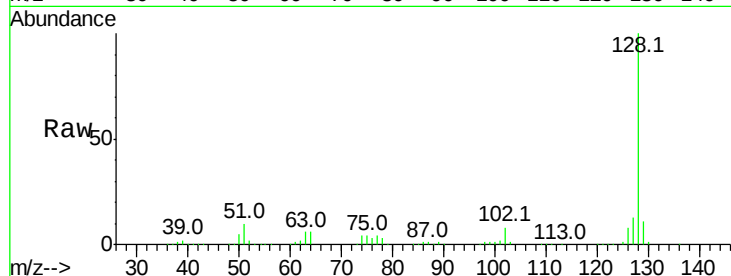
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	128	Resp:	872732
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	13.4	10.8	16.2

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#32

Benzoic acid

Concen: 4.181 ng

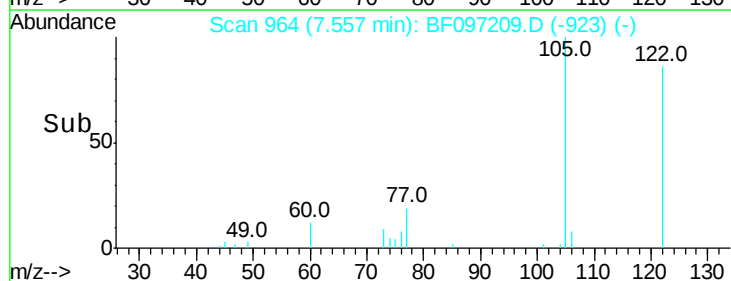
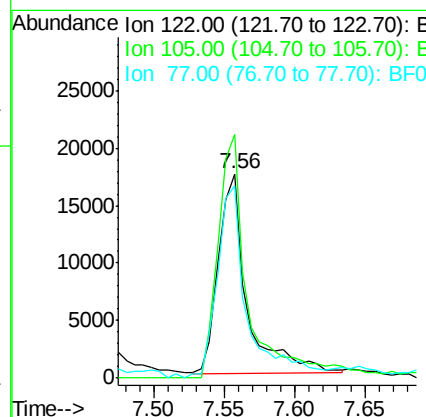
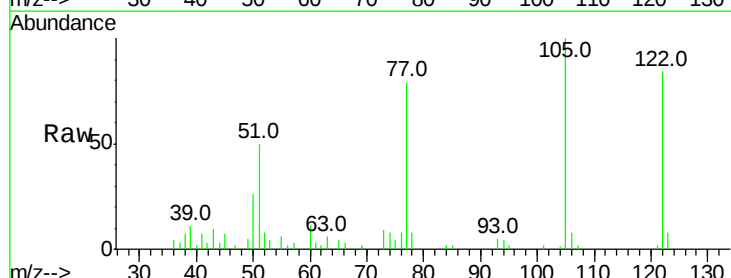
RT: 7.56 min Scan# 964

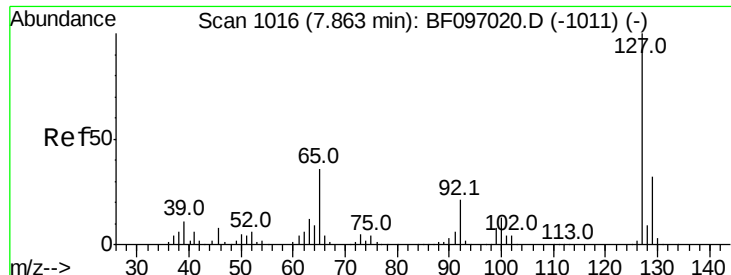
Delta R.T. -0.06 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	122	Resp:	24630
Ion Ratio	Lower	Upper	
122	100		
105	119.1	103.3	143.3
77	94.1	73.7	113.7





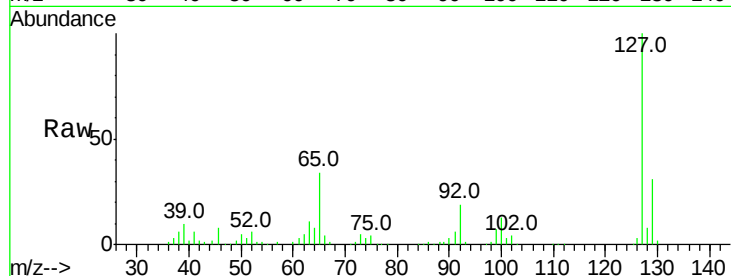
#33
4-Chloroaniline
Concen: 17.966 ng
RT: 7.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

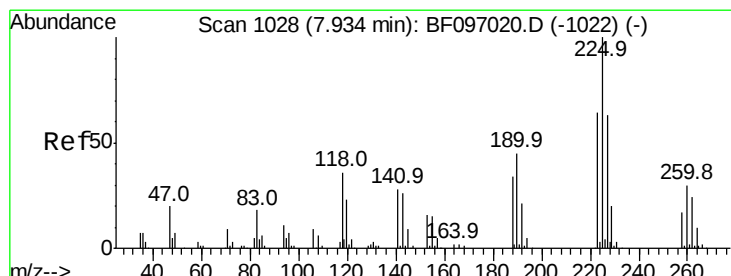
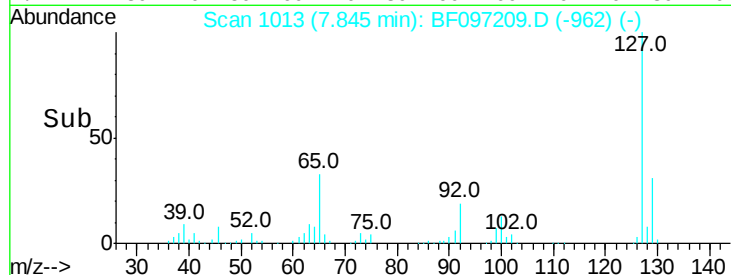
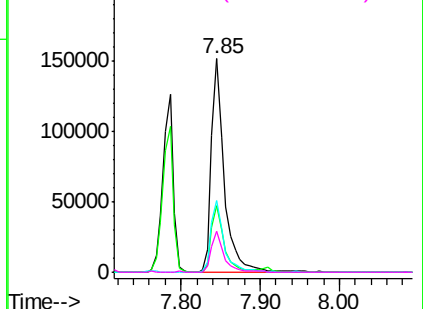
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	33.8	27.8	41.8
92	19.3	16.8	25.2

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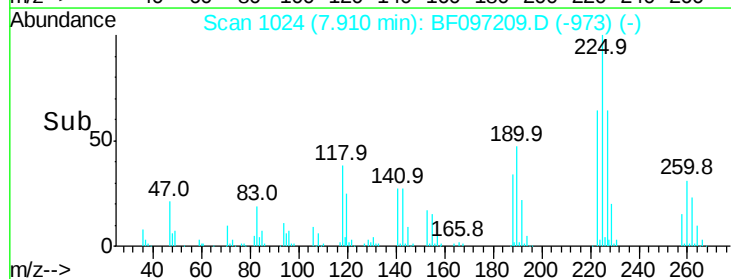
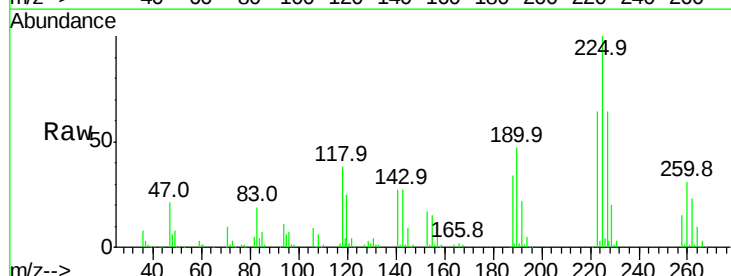
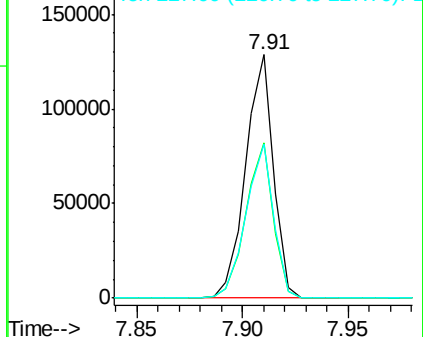
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

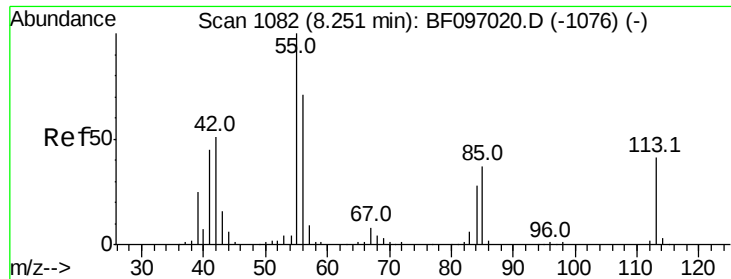


#34
Hexachlorobutadiene
Concen: 34.156 ng
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	63.5	51.1	76.7

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





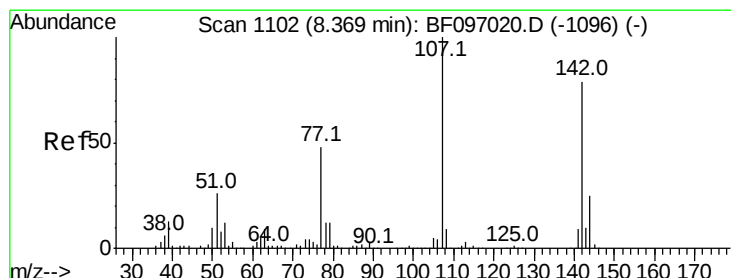
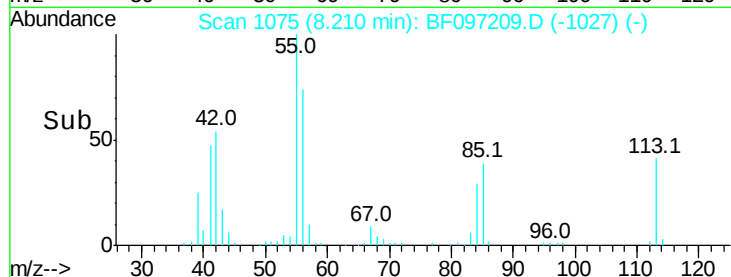
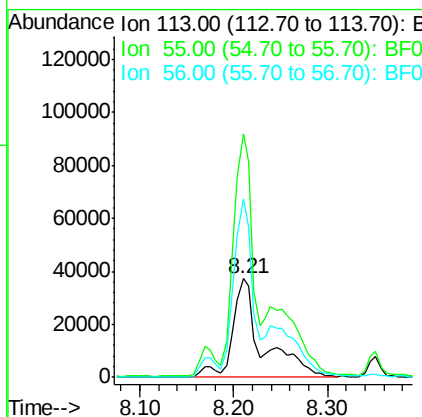
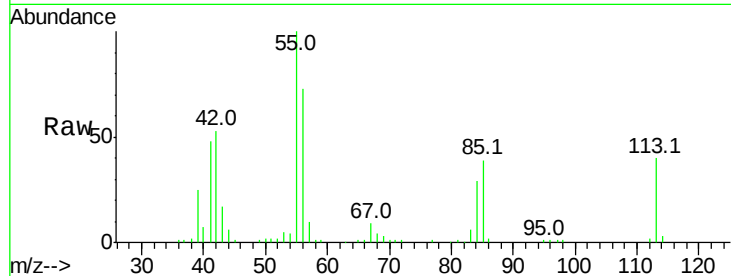
#35
 Caprolactam
 Concen: 38.116 ng/ml
 RT: 8.21 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion:113 Resp: 83057
 Ion Ratio Lower Upper
 113 100
 55 247.1 150.2 190.2#
 56 181.0 107.8 147.8#

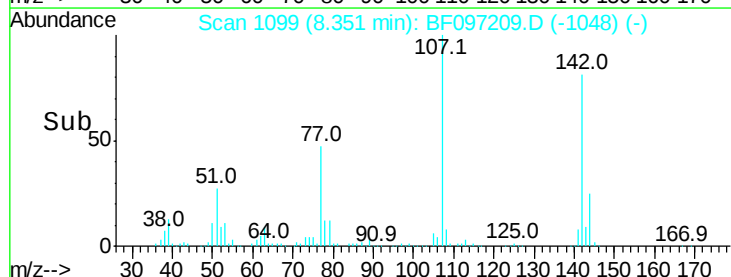
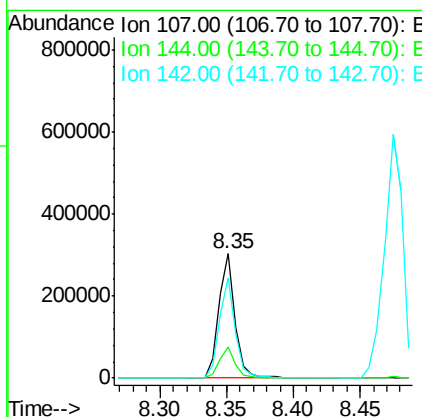
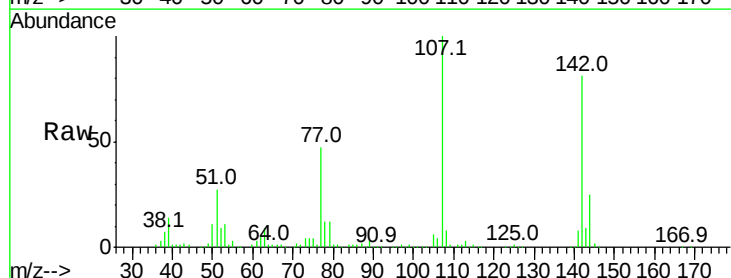
Manual Integrations
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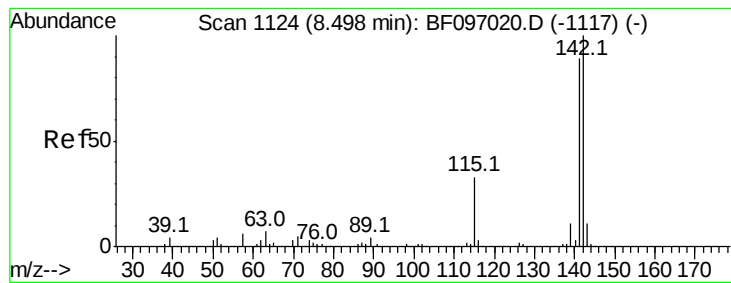
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#36
 4-Chloro-3-methylphenol
 Concen: 35.061 ng/ml
 RT: 8.35 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion:107 Resp: 259934
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 80.7 73.4 110.0





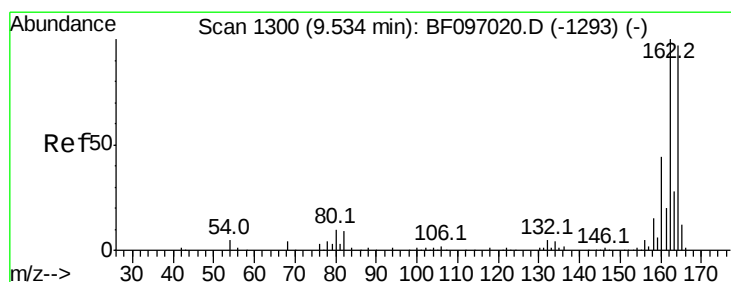
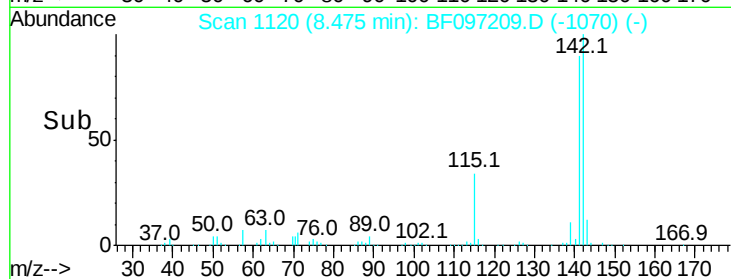
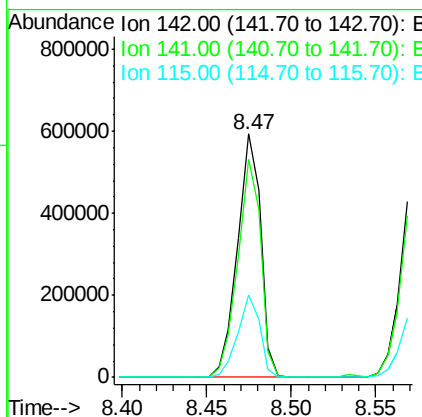
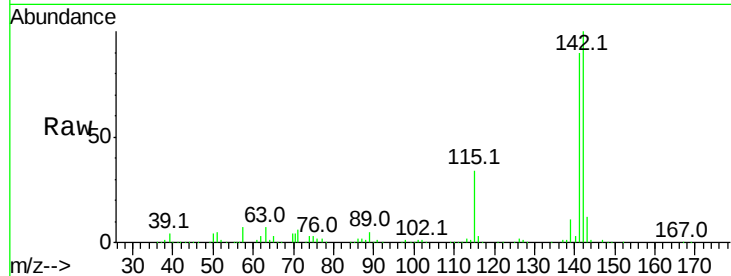
#37
2-Methylnaphthalene
Concen: 38.436 ng
RT: 8.47 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	33.8	27.1	40.7

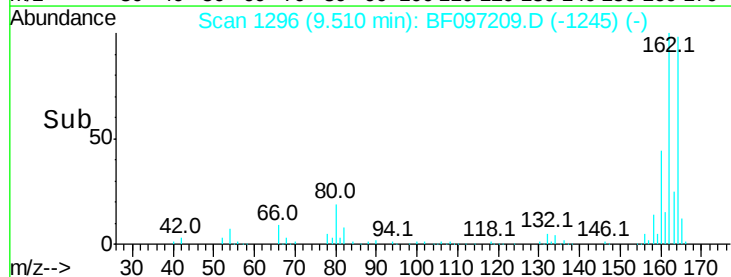
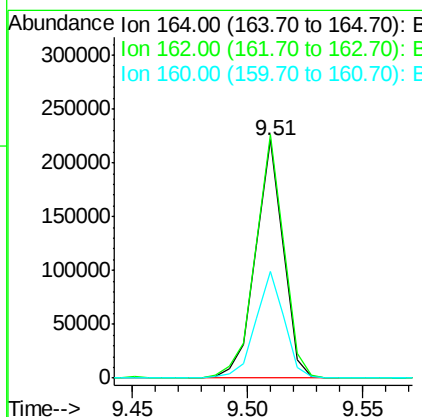
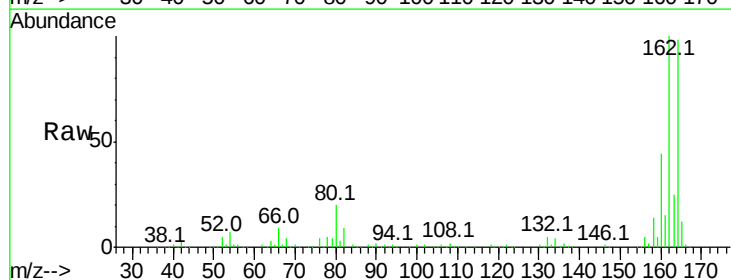
Manual Integrations
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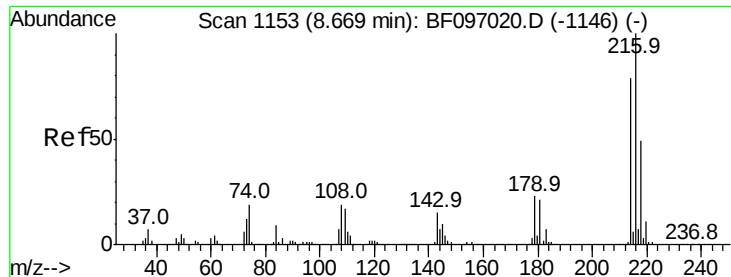
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.144 ng

RT: 8.65 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

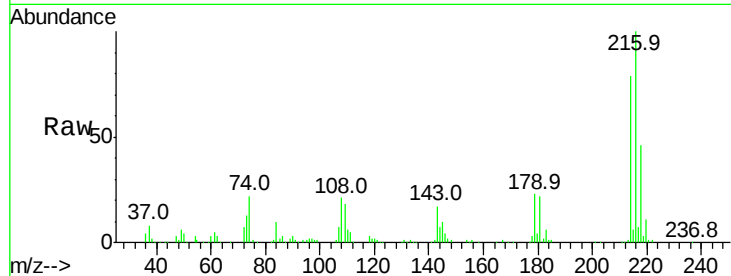
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	194717		
214	79.4	63.4	95.2	
179	23.0	17.9	26.9	
108	21.4	16.5	24.7	

Manual Integrations
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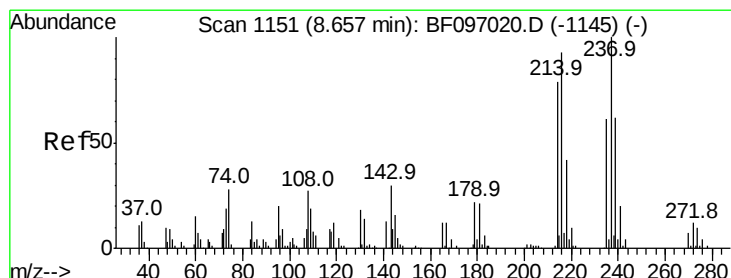
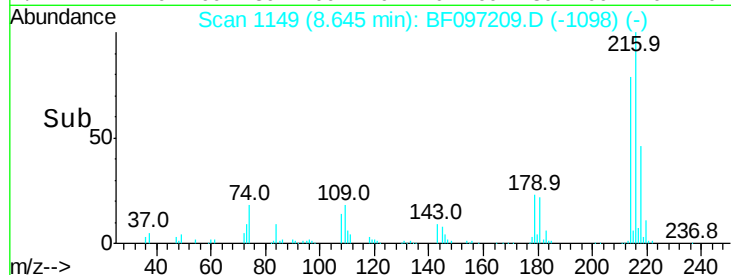
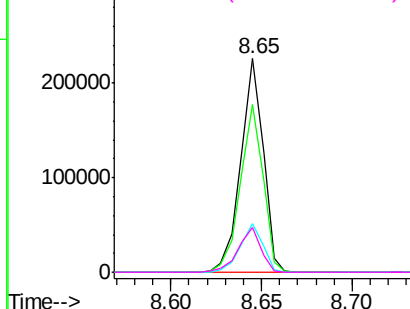


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 19.086 ng

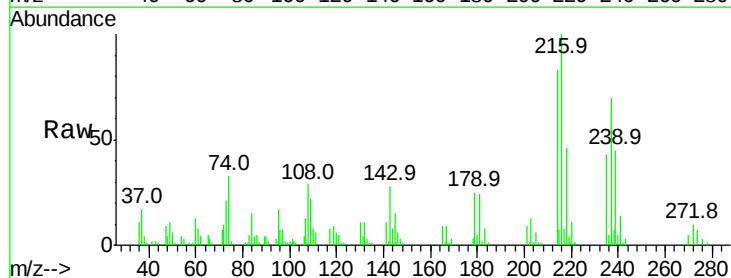
RT: 8.63 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

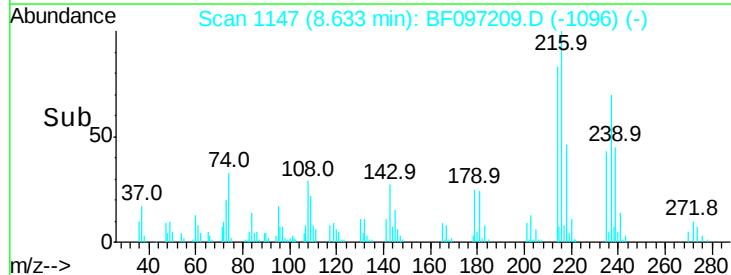
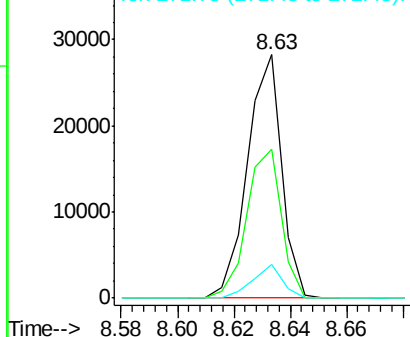
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	23686		
235	61.1	42.6	82.6	
272	13.8	0.0	31.9	



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





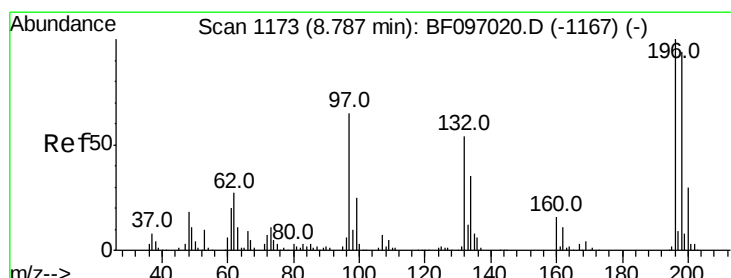
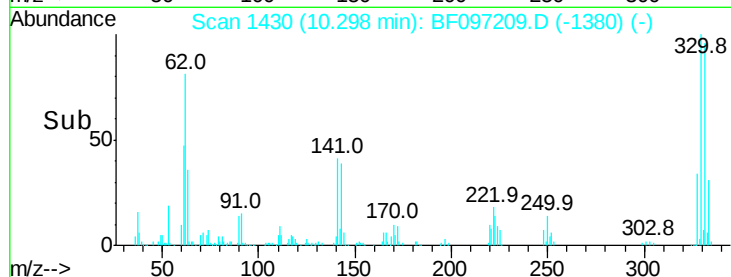
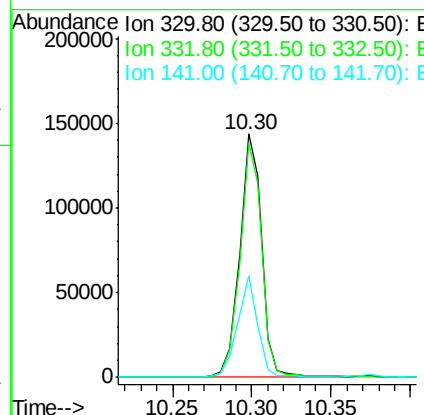
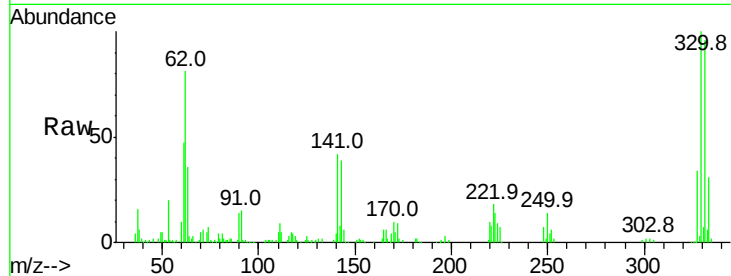
#41
 2,4,6-Tribromophenol
 Concen: 93.644 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	137935		
332	95.8	76.6	115.0	
141	39.1	31.4	47.2	

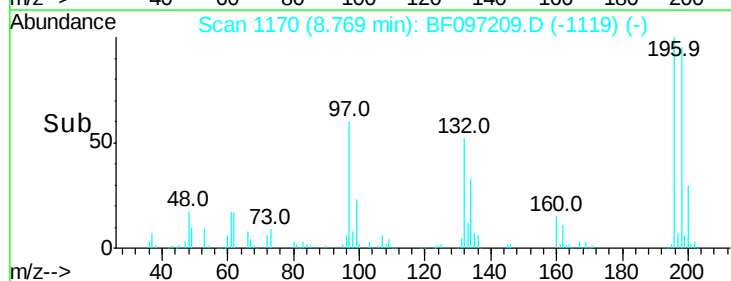
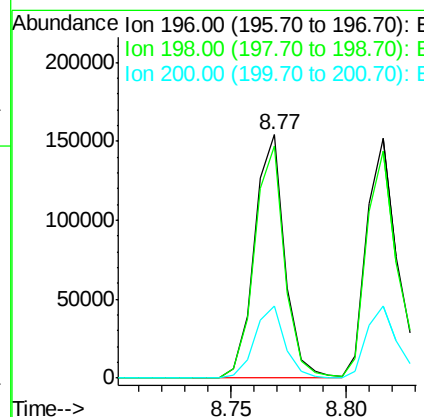
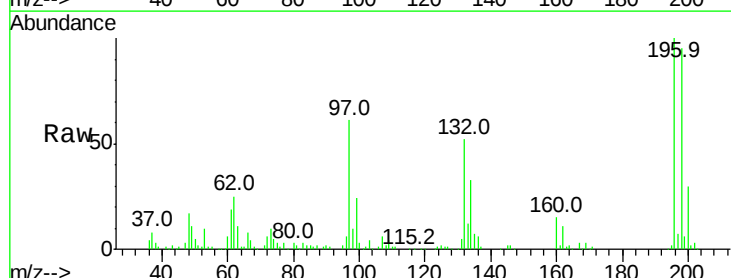
Manual Integrations
 APPROVED

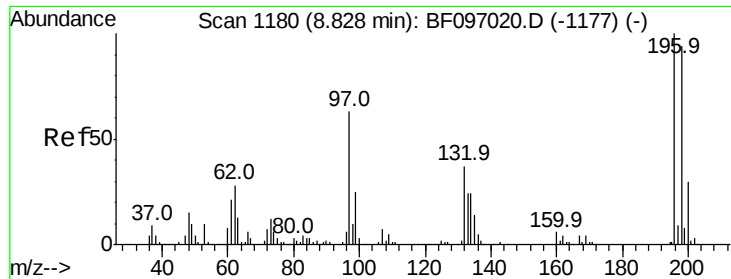
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#42
 2,4,6-Trichlorophenol
 Concen: 39.419 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	142099		
198	95.2	74.2	111.4	
200	29.6	24.0	36.0	





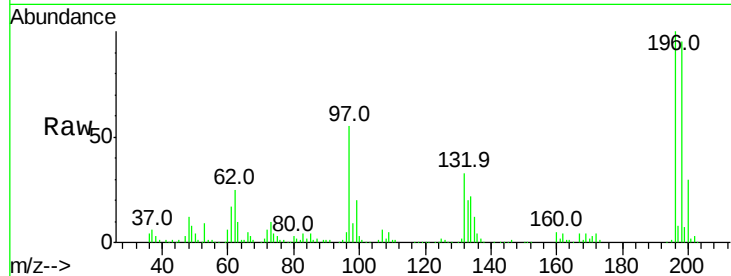
#43
 2,4,5-Trichlorophenol
 Concen: 40.341 ng
 RT: 8.82 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

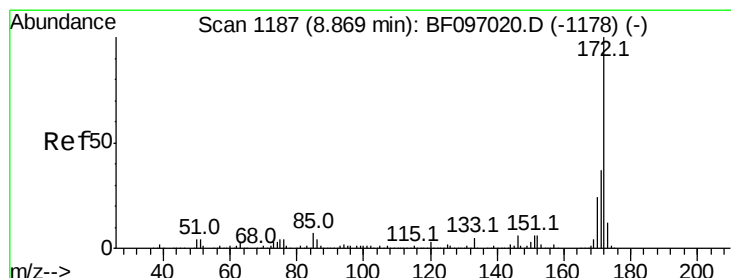
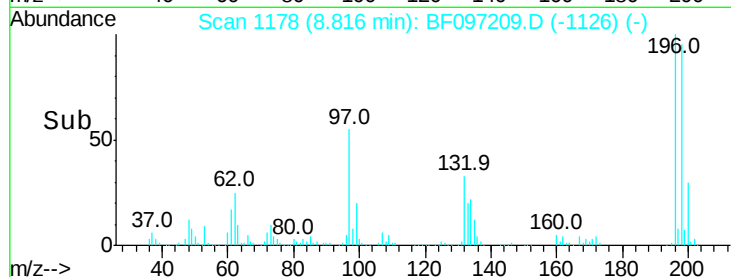
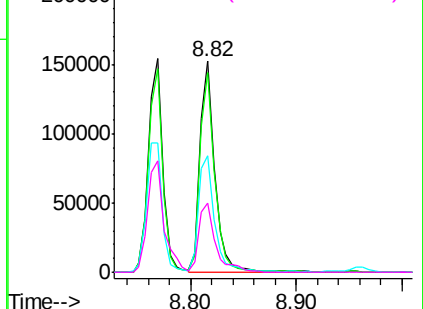
Tot Ion	196	Resp	145557
Ion Ratio	Lower	Upper	
196	100		
198	94.7	75.7	113.5
97	55.5	47.7	71.5
132	32.8	28.0	42.0

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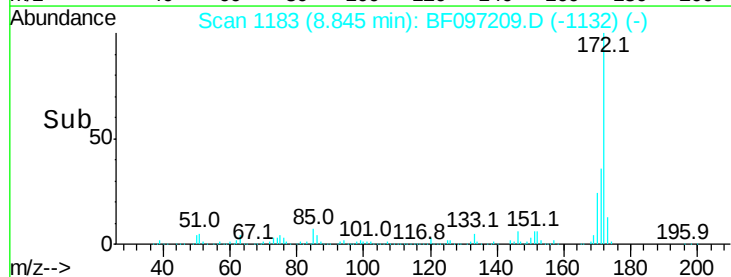
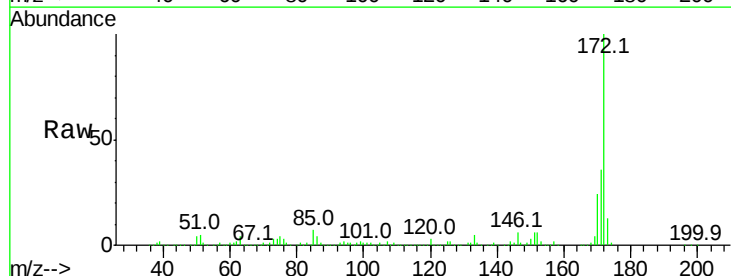
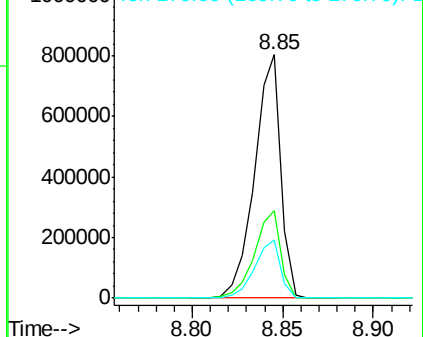
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

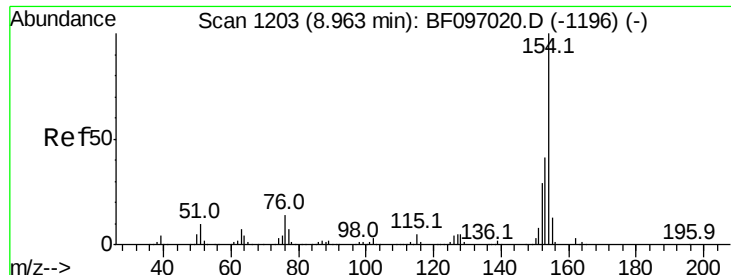


#44
 2-Fluorobiphenyl
 Concen: 72.965 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	172	Resp	801537
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.9	19.8	29.8

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





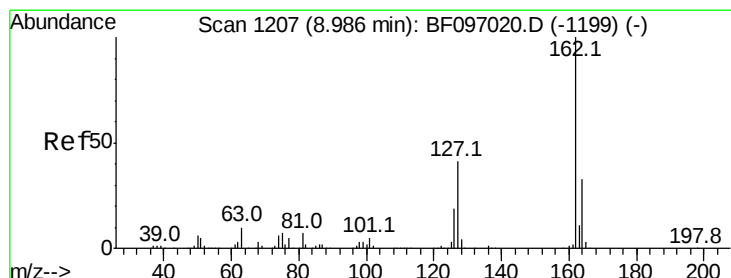
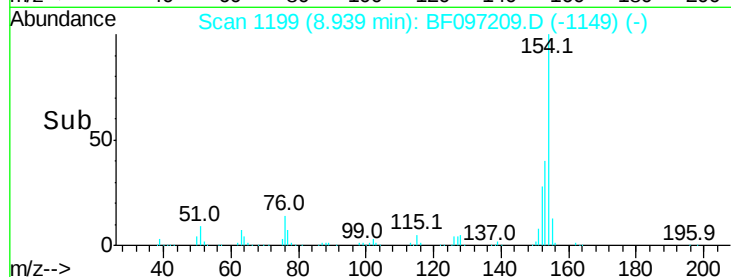
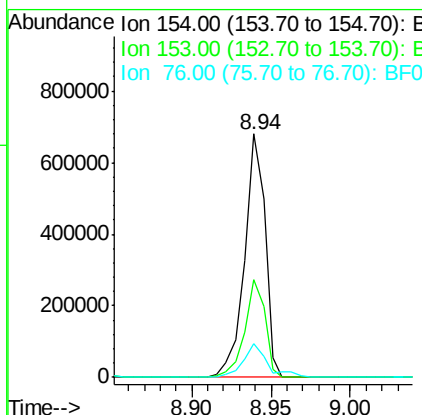
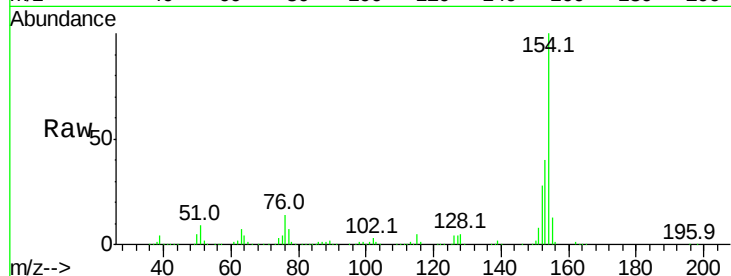
#45
 1,1'-Biphenyl
 Concen: 38.090 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	39.9	21.2	61.2
76	13.7	0.0	29.9

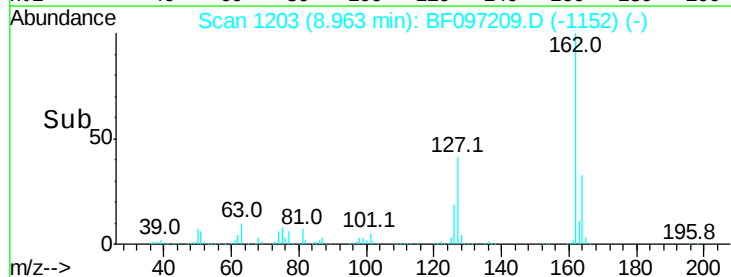
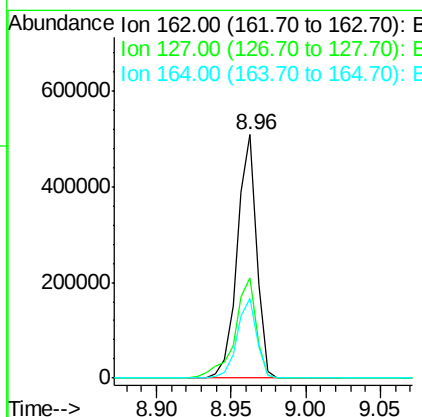
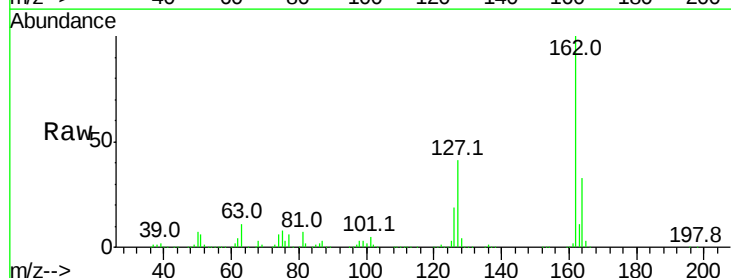
Manual Integrations
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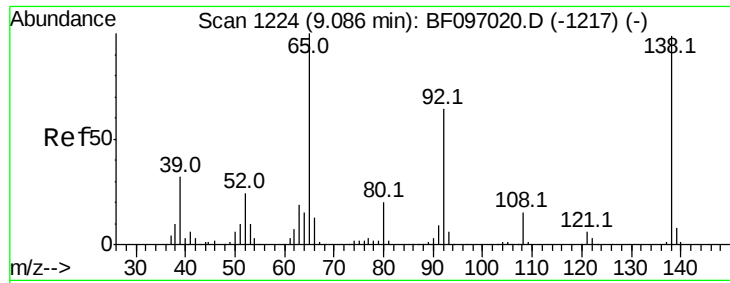
Sohil
 8/1/2017 5:44:35 PM



#46
 2-Chloronaphthalene
 Concen: 39.629 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	41.3	28.3	42.5
164	32.9	27.0	40.4





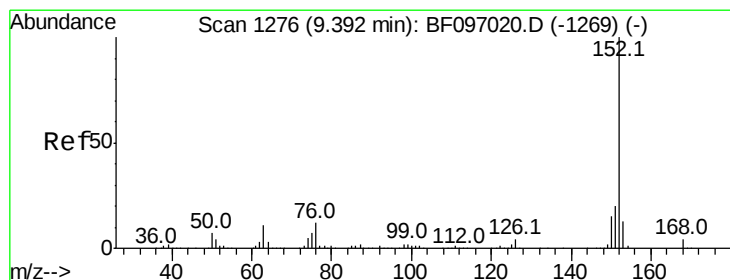
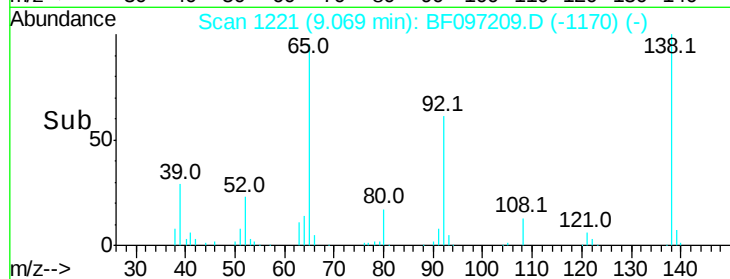
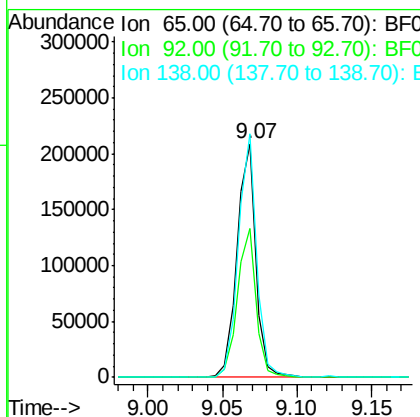
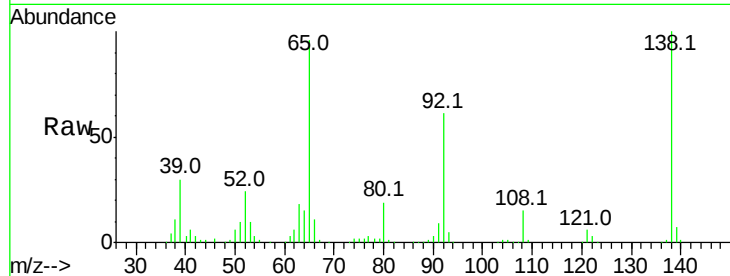
#47
2-Nitroaniline
Concen: 43.736 ng
RT: 9.07 min Scan# 1221
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	53.9	80.9
138	104.3	78.8	118.2

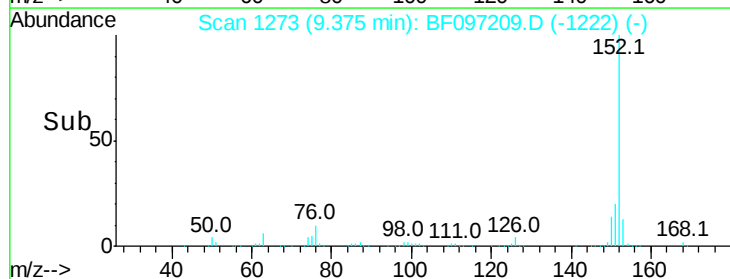
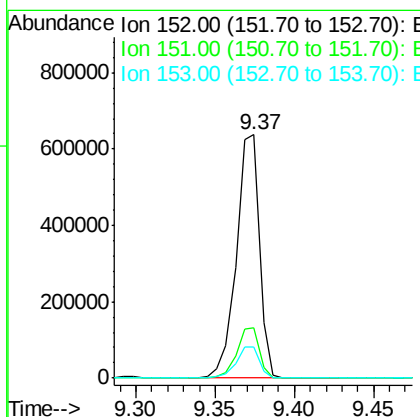
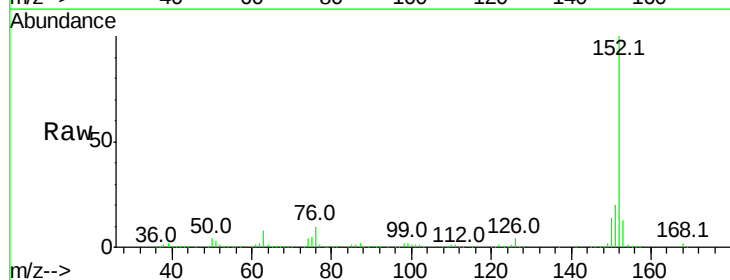
Manual Integrations
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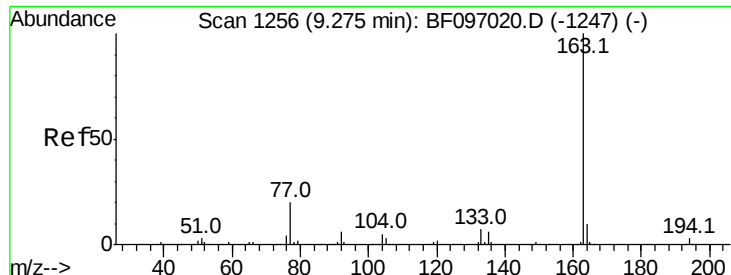
Sohil
8/1/2017 5:44:35 PM



#48
Acenaphthylene
Concen: 35.829 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	12.7	10.8	16.2





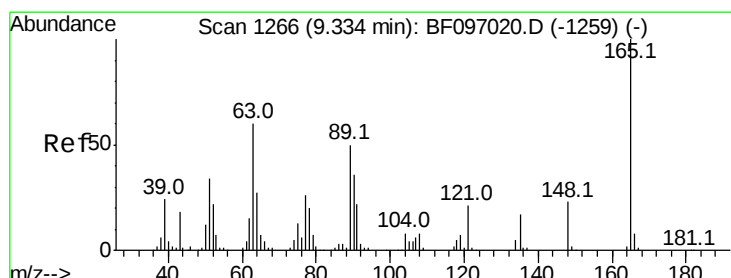
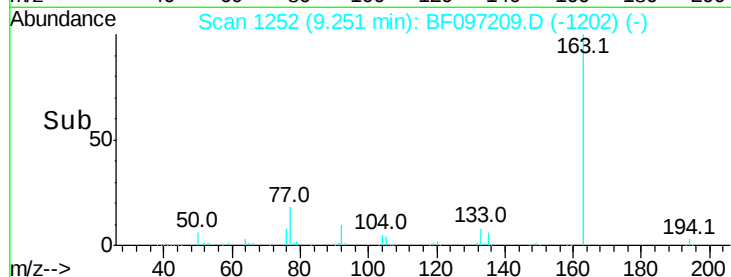
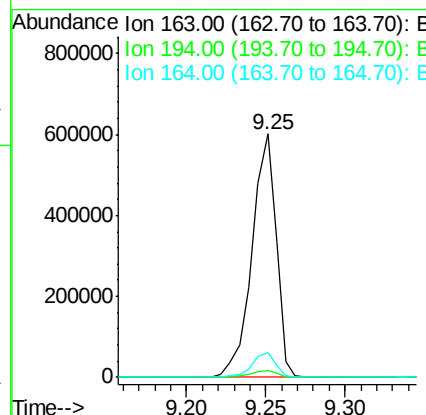
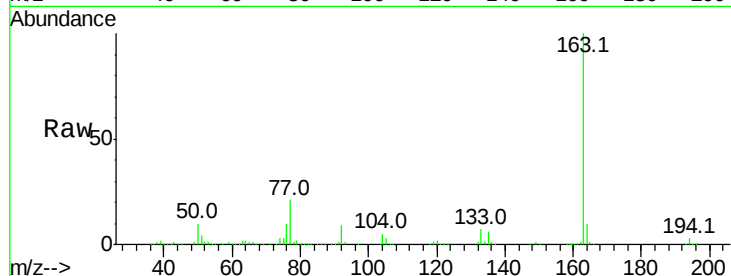
#49
Dimethylphthalate
Concen: 44.981 ng
RT: 9.25 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.0	2.6	4.0	
164	10.0	8.4	12.6	

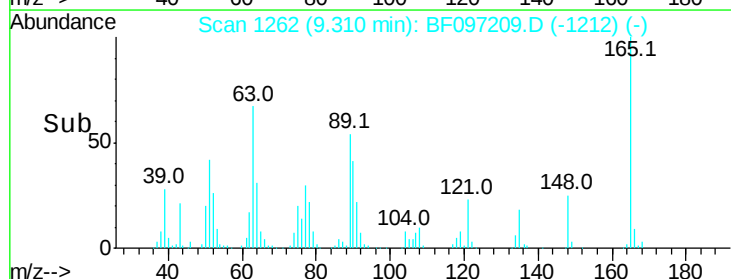
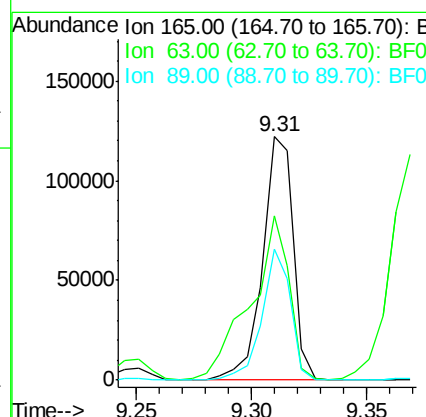
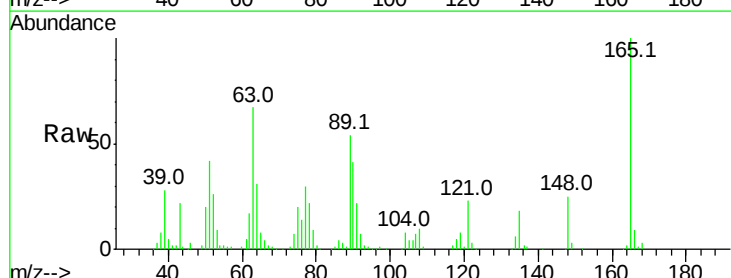
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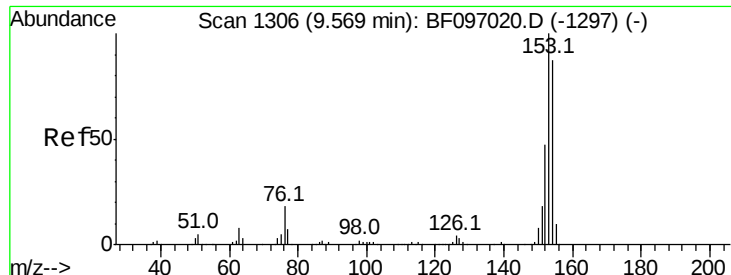
Sohil
8/1/2017 5:44:35 PM



#50
2,6-Dinitrotoluene
Concen: 37.558 ng
RT: 9.31 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	67.4	34.3	51.5#	
89	54.0	37.1	55.7	





#51

Acenaphthene

Concen: 36.068 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

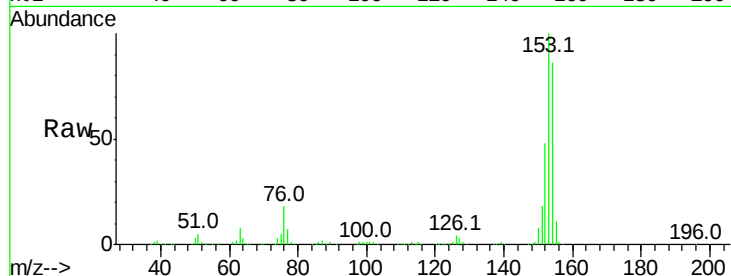
ClientSampleId :

E2-HS5-BASEMSD

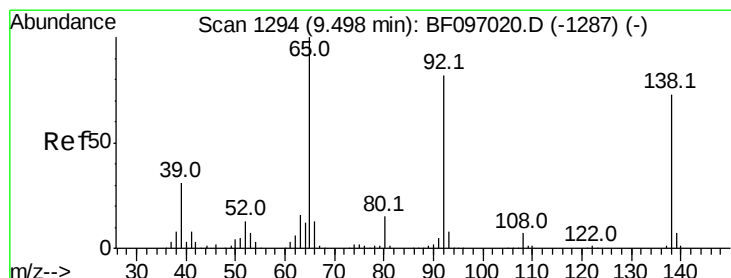
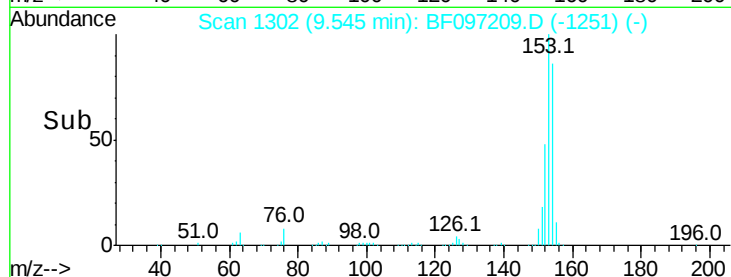
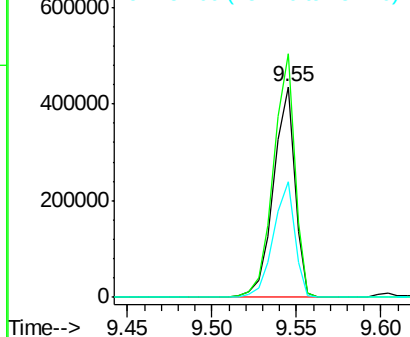
Tot Ion:	154	Resp:	382126
Ion Ratio	Lower	Upper	
154	100		
153	115.7	90.5	135.7
152	55.2	43.6	65.4

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



#52

3-Nitroaniline

Concen: 25.715 ng

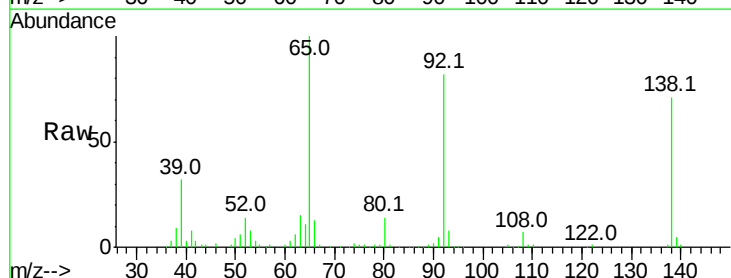
RT: 9.47 min Scan# 1290

Delta R.T. -0.01 min

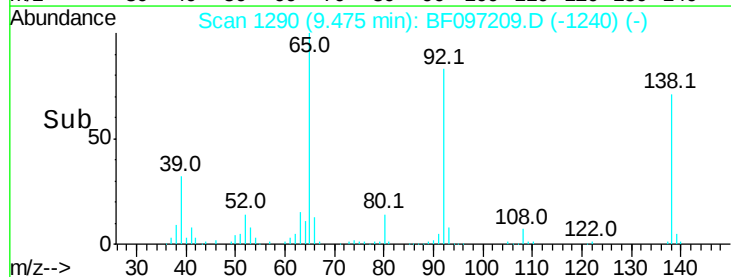
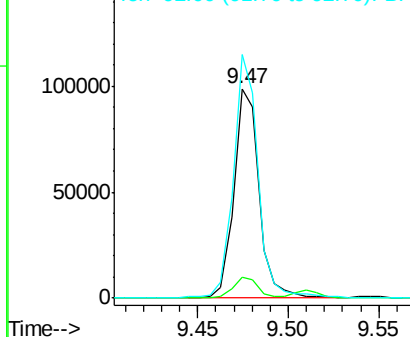
Lab File: BF097209.D

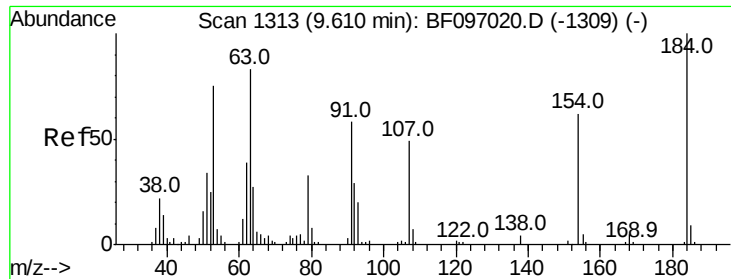
Acq: 31 Jul 2017 15:51

Tgt Ion:	138	Resp:	95840
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.1	13.7
92	116.4	93.8	140.6



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





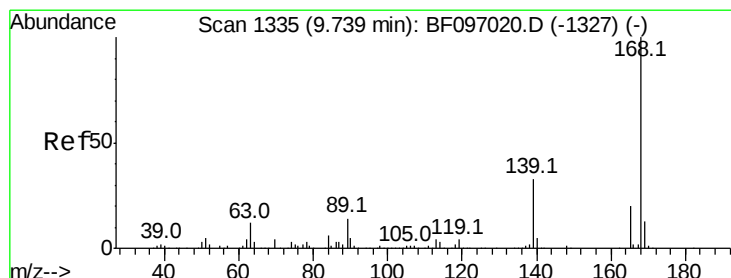
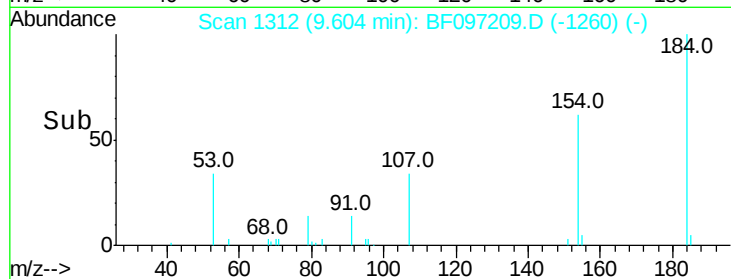
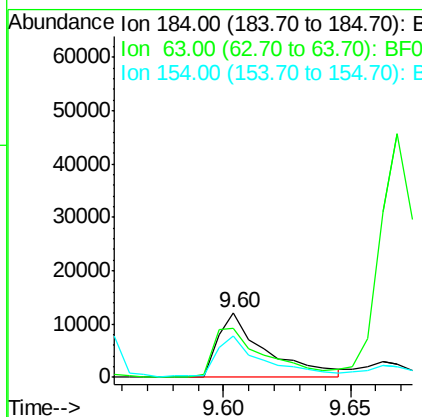
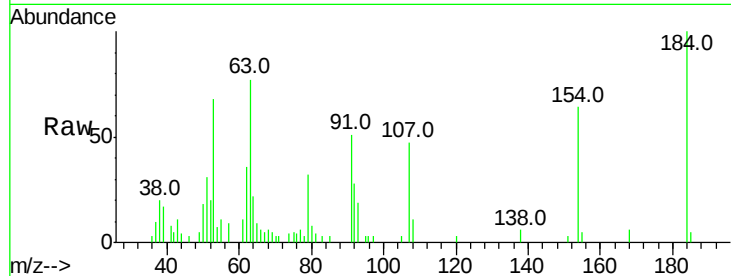
#53
 2,4-Dinitrophenol
 Concen: 11.535 ng
 RT: 9.60 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion:184 Resp: 15748
 Ion Ratio Lower Upper
 184 100
 63 76.5 62.7 94.1
 154 64.5 81.1 121.7#

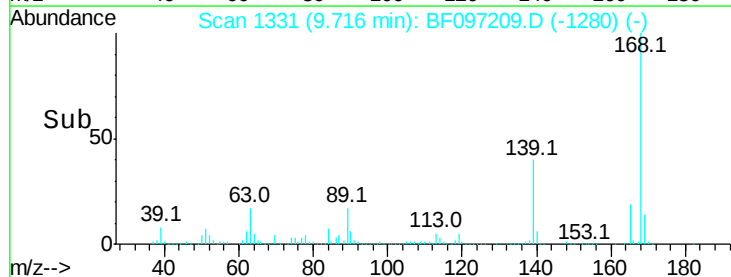
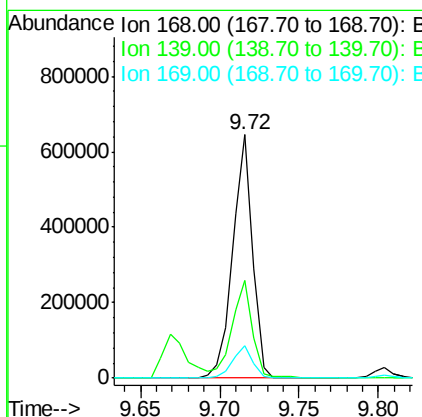
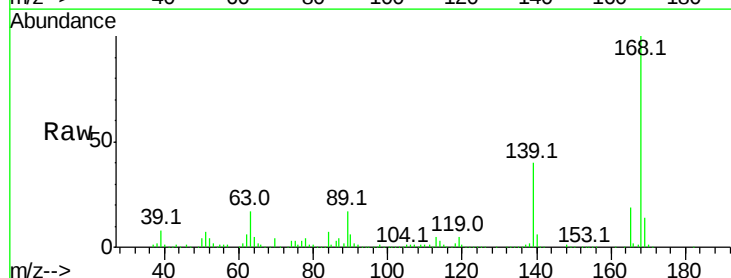
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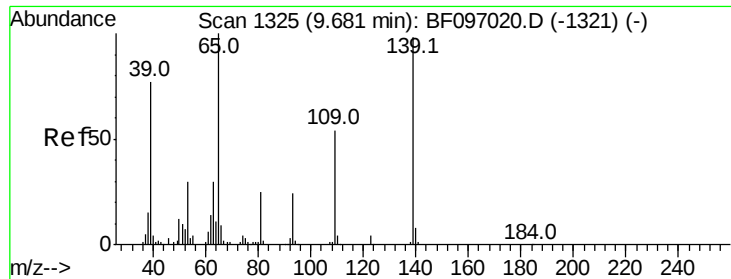
Sohil
 8/1/2017 5:44:35 PM



#54
 Dibenzofuran
 Concen: 39.445 ng
 RT: 9.72 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion:168 Resp: 556638
 Ion Ratio Lower Upper
 168 100
 139 40.1 30.6 45.8
 169 13.5 10.8 16.2





#55

4-Nitrophenol

Concen: 56.198 ng

RT: 9.67 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:139 Resp: 124557

Ion Ratio Lower Upper

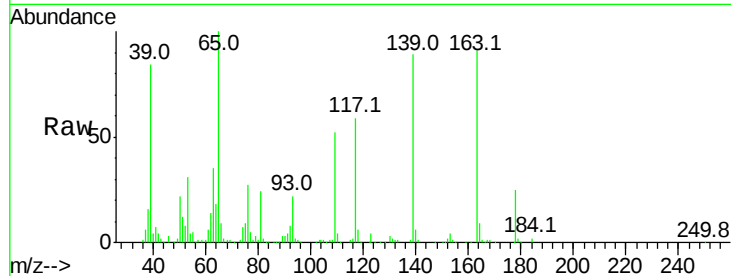
139 100

109 58.4 34.1 74.1

65 112.7 31.4 71.4#

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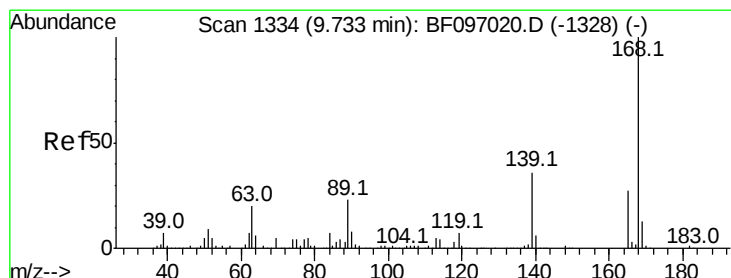
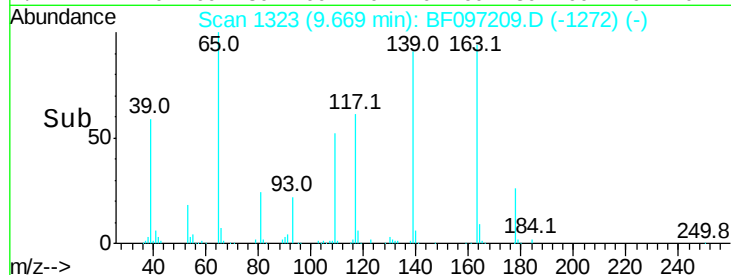
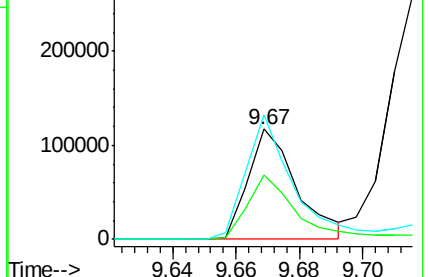
Sohil
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.202 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:165 Resp: 128412

Ion Ratio Lower Upper

165 100

63 53.8 25.4 38.0#

89 66.8 46.4 69.6

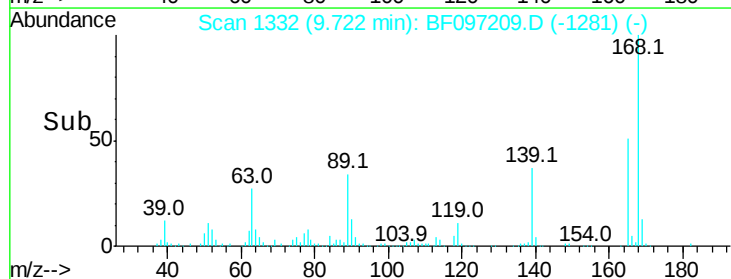
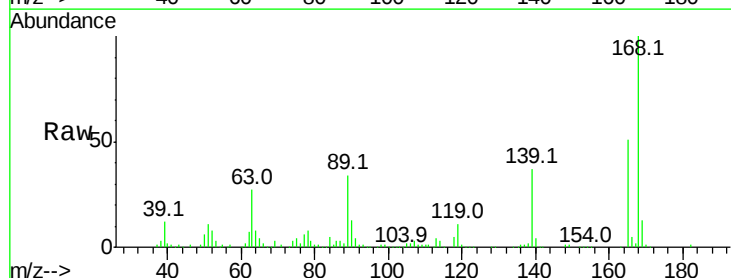
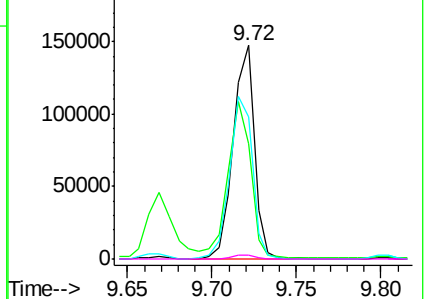
182 2.1 1.8 2.6

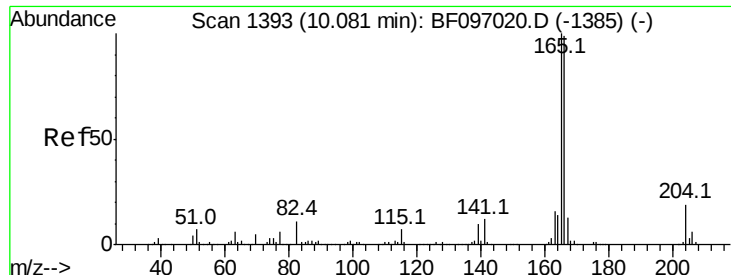
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





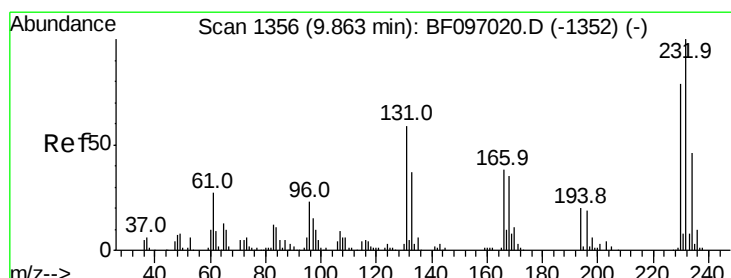
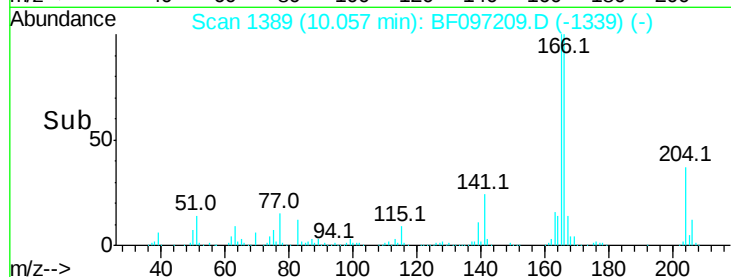
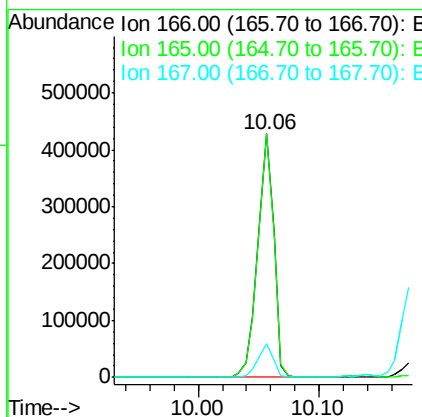
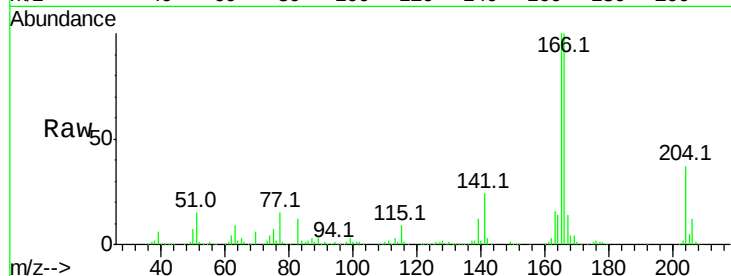
#57
 Fluorene
 Concen: 37.856 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.0	78.8	118.2	
167	13.8	10.6	16.0	

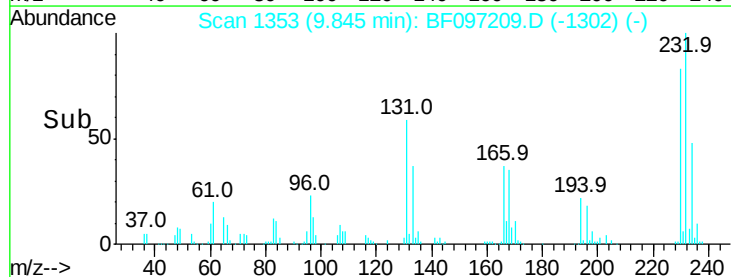
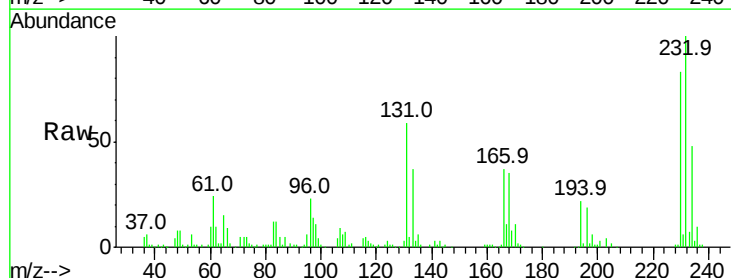
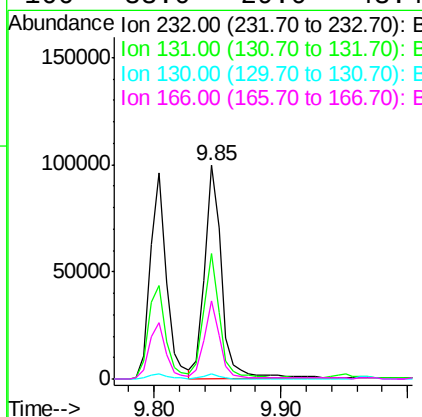
Manual Integrations
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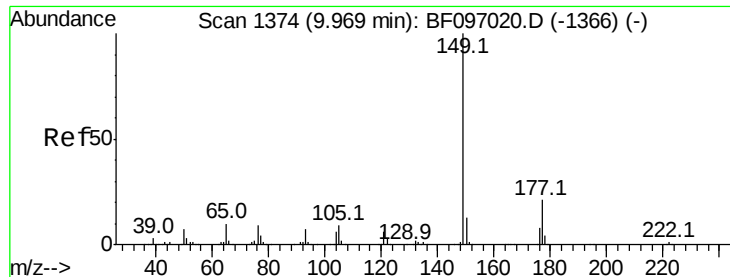
Sohil
 8/1/2017 5:44:35 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.578 ng
 RT: 9.85 min Scan# 1353
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.8	44.8	67.2	
130	2.4	2.3	3.5	
166	33.0	29.0	43.4	





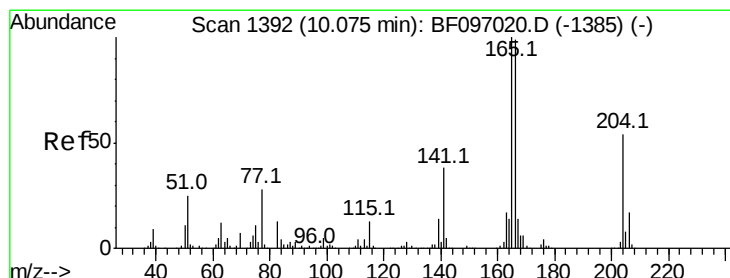
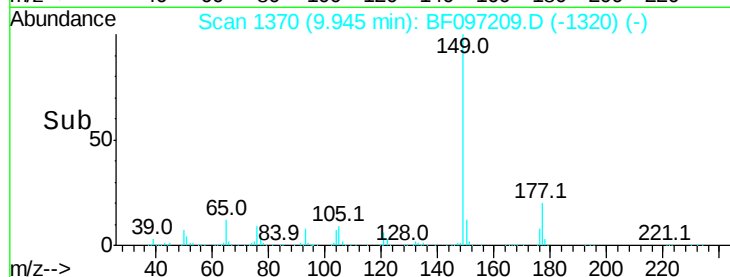
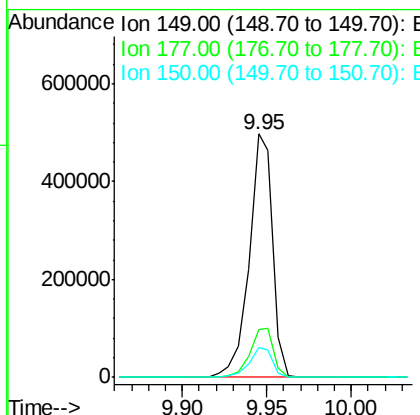
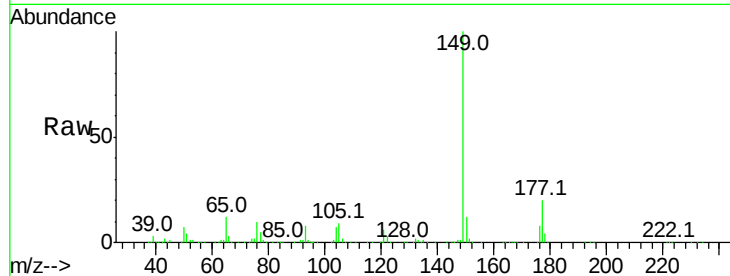
#59
Diethylphthalate
Concen: 37.092 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	481757		
177	19.8	16.7	25.1	
150	12.1	10.2	15.2	

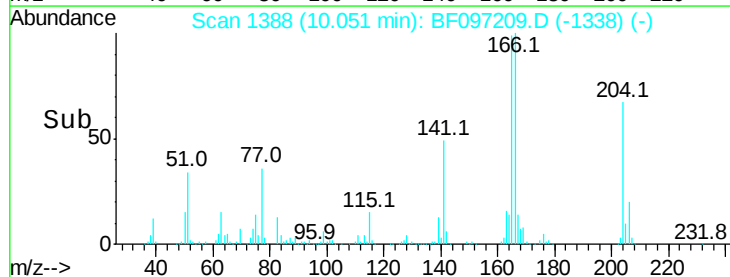
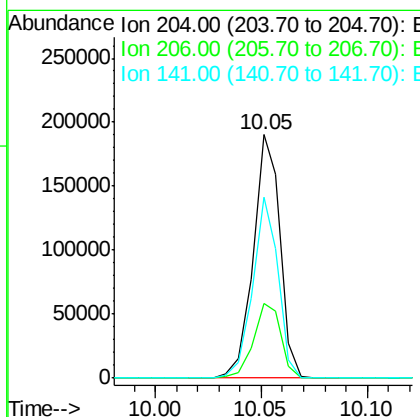
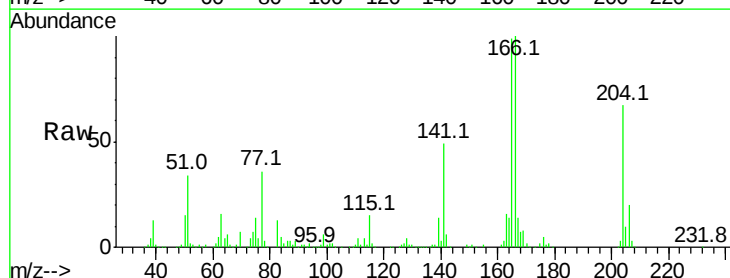
Manual Integrations
APPROVED

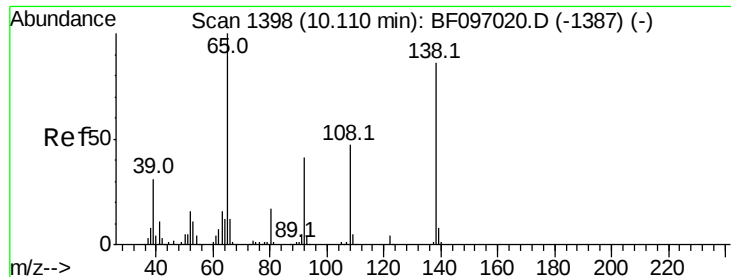
Sohil
8/1/2017 5:44:35 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.382 ng
RT: 10.05 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	168106		
206	30.7	26.2	39.2	
141	74.4	60.8	91.2	





#61

4-Nitroaniline

Concen: 28.780 ng

RT: 10.09 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

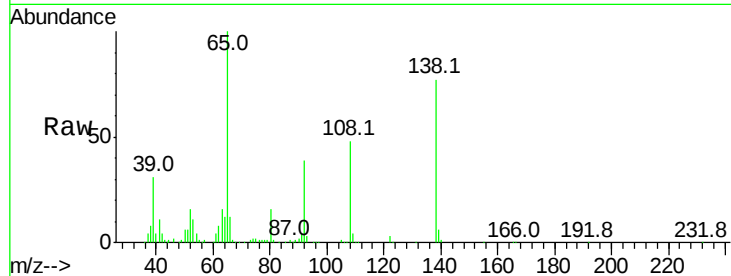
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	138	Resp:	101919
Ion Ratio	Lower	Upper	
138	100		
92	50.5	21.8	61.8
108	62.2	42.3	82.3

Manual Integrations
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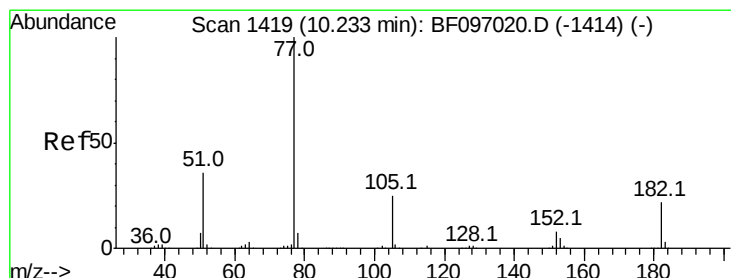
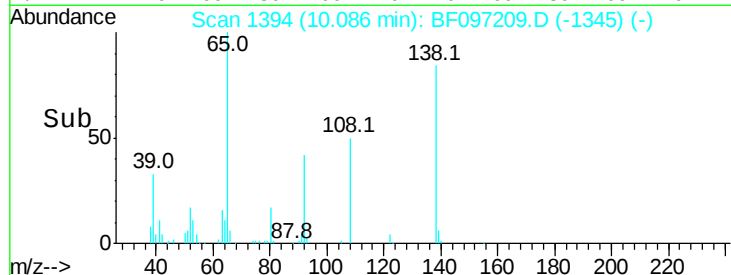
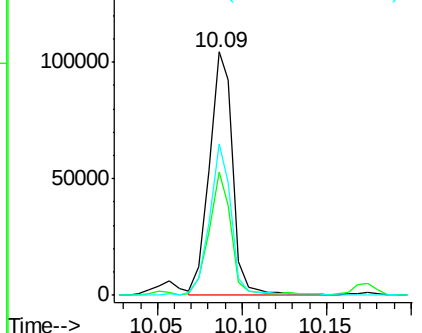
Sohil
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.127 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

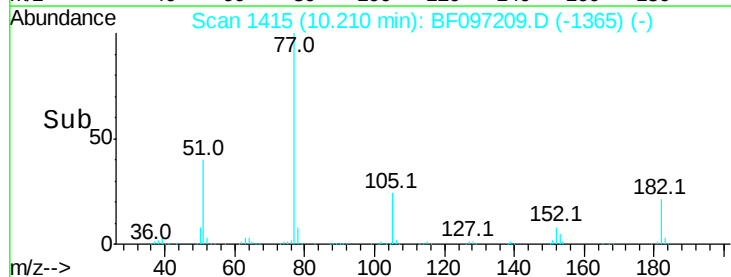
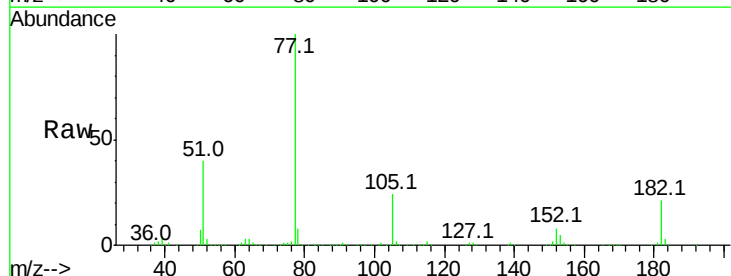
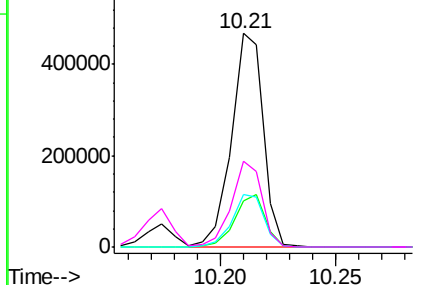
Tgt Ion:	77	Resp:	447348
Ion Ratio	Lower	Upper	
77	100		
182	21.3	0.1	40.1
105	24.4	3.6	43.6
51	40.0	9.4	49.4

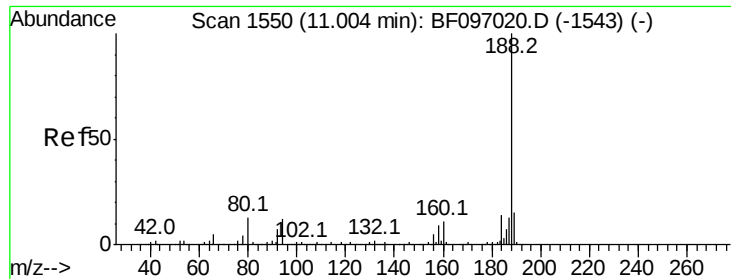
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





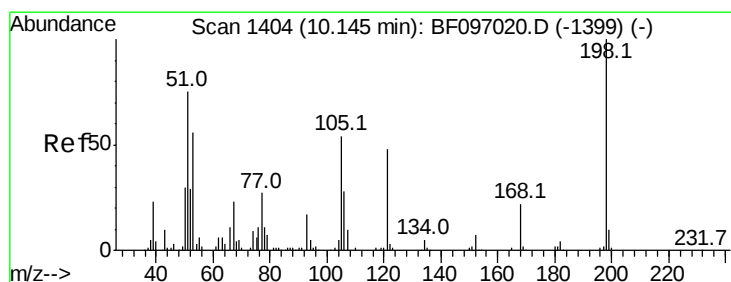
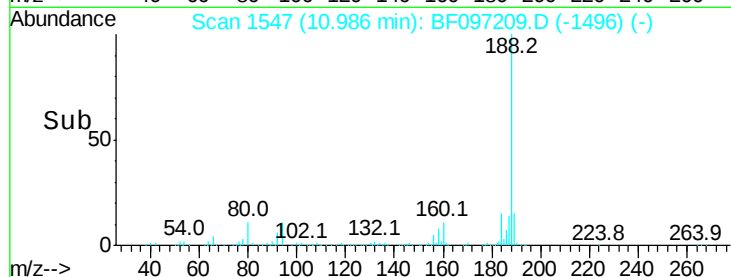
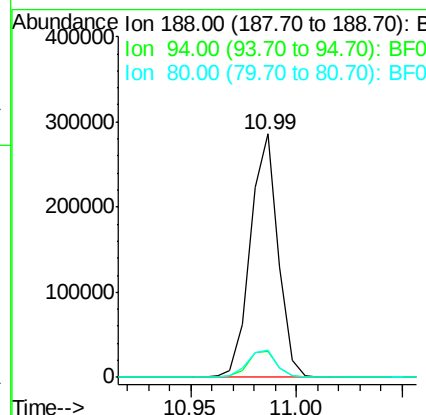
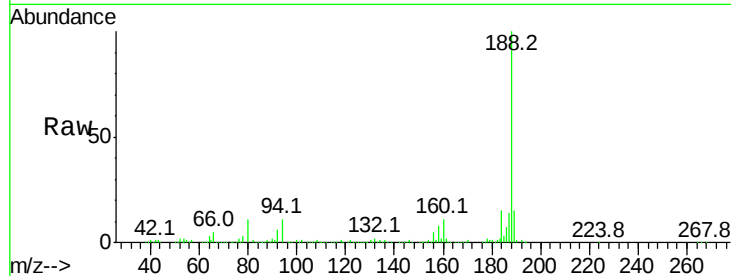
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	258365		
94	10.9		9.4	14.2
80	11.4		10.2	15.2

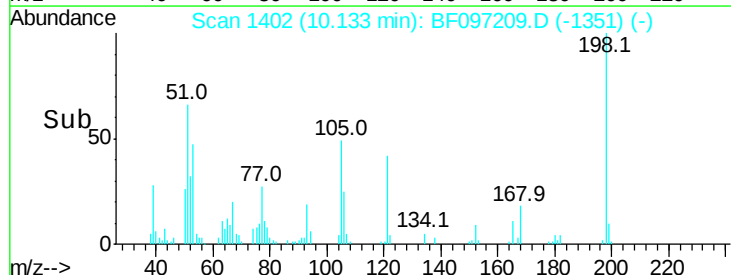
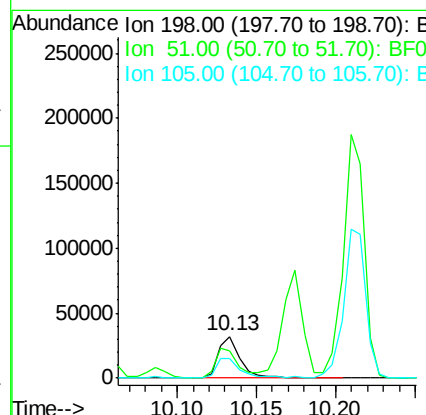
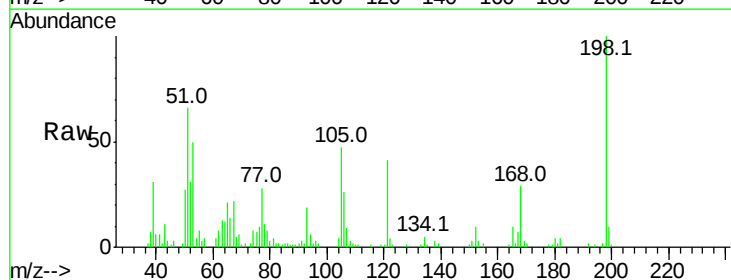
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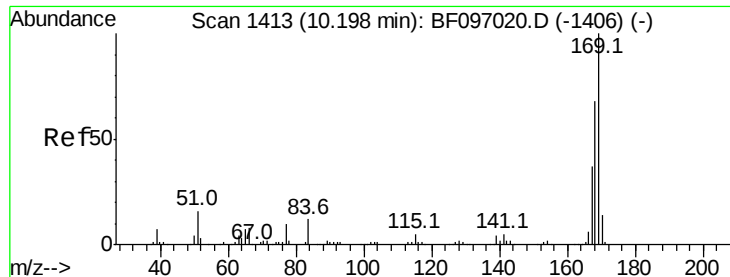
Sohil
8/1/2017 5:44:35 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 19.435 ng
RT: 10.13 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	31202		
51	65.8		53.2	93.2
105	47.5		45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 40.913 ng

RT: 10.17 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

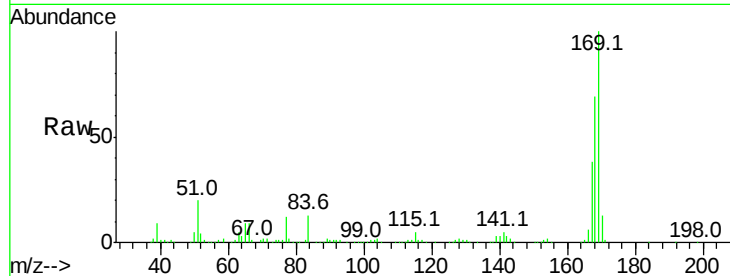
ClientSampleId :

E2-HS5-BASEMSD

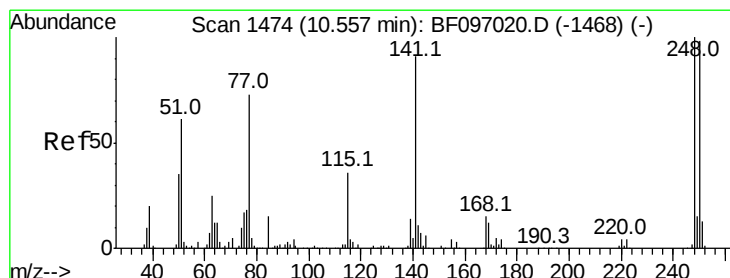
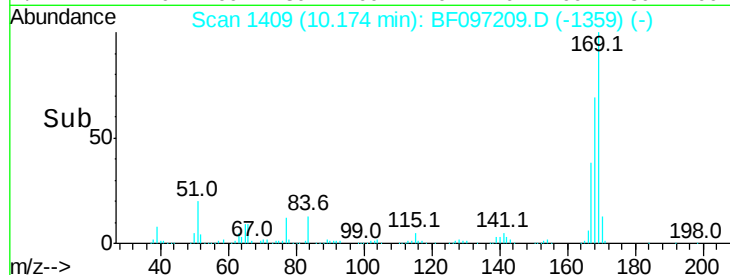
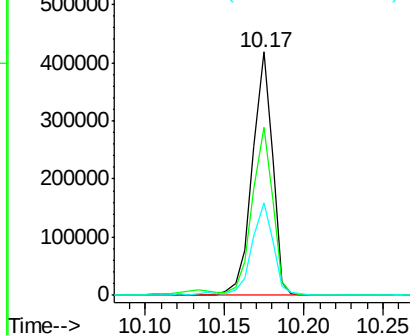
Tot Ion:	169	Resp:	367786
Ion Ratio	Lower	Upper	
169	100		
168	69.2	53.2	79.8
167	38.1	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.725 ng

RT: 10.54 min Scan# 1471

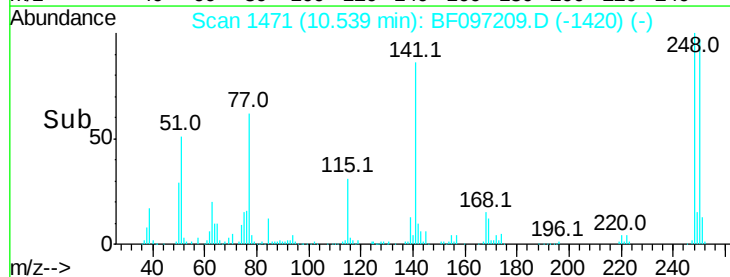
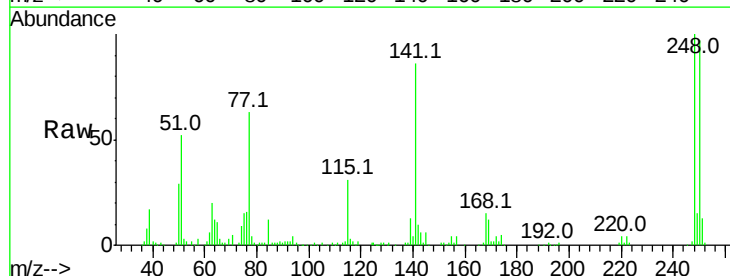
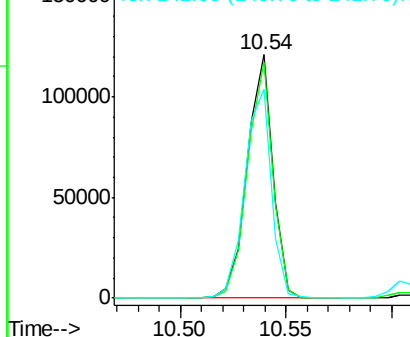
Delta R.T. -0.00 min

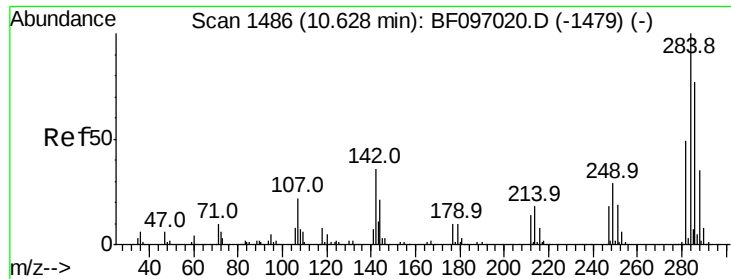
Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	248	Resp:	102428
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.8	115.2
141	86.1	68.6	103.0

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.723 ng

RT: 10.61 min Scan# 1483

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

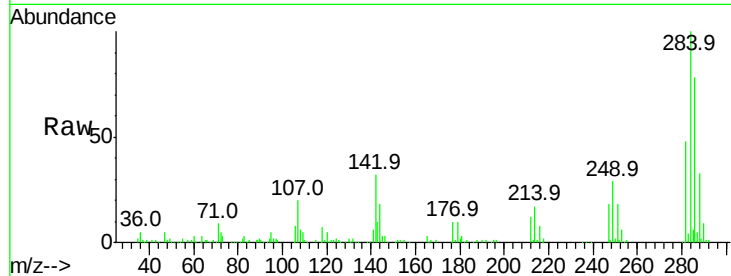
ClientSampled :

E2-HS5-BASEMSD

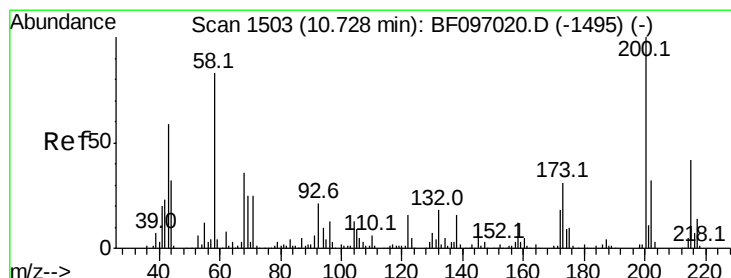
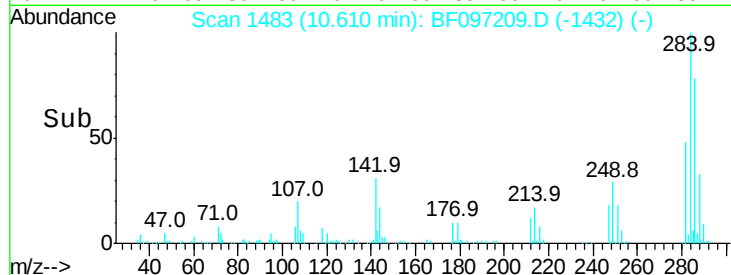
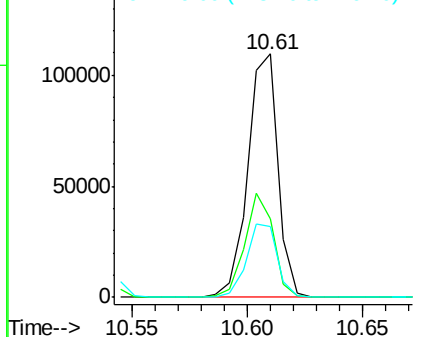
Tot Ion:	284	Resp:	100398
Ion Ratio		Lower	Upper
284	100		
142	32.2	22.8	34.2
249	29.1	24.0	36.0

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: 39.021 ng

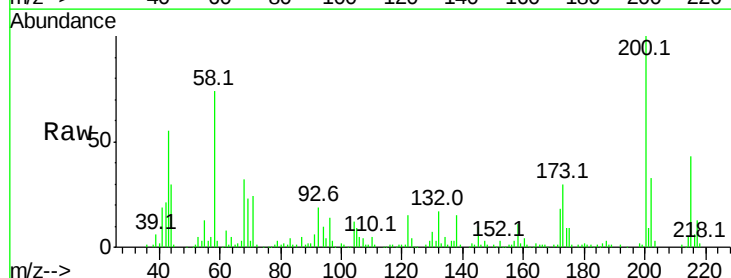
RT: 10.71 min Scan# 1500

Delta R.T. -0.01 min

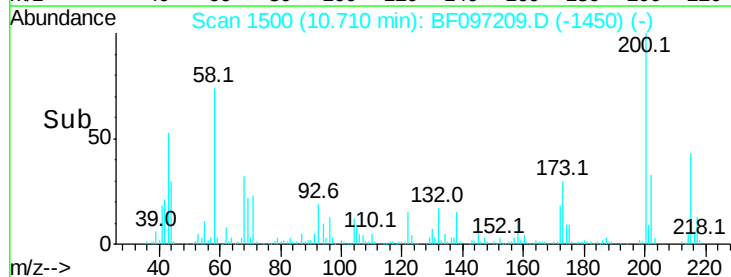
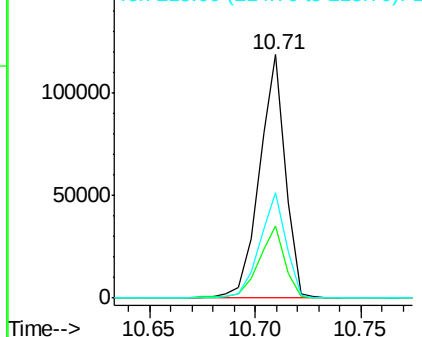
Lab File: BF097209.D

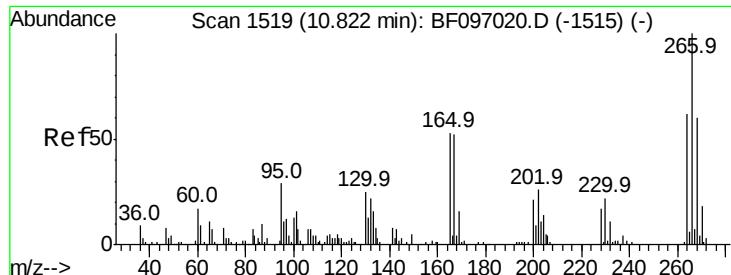
Acq: 31 Jul 2017 15:51

Tgt Ion:	200	Resp:	100587
Ion Ratio		Lower	Upper
200	100		
173	29.8	6.3	46.3
215	43.5	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





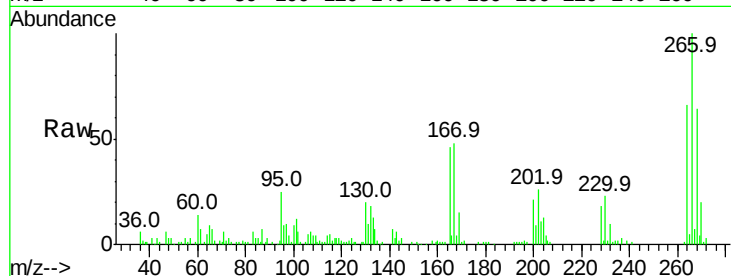
#69
 Pentachlorophenol
 Concen: 61.293 ng
 RT: 10.81 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	65.5	51.7	77.5

Manual Integrations
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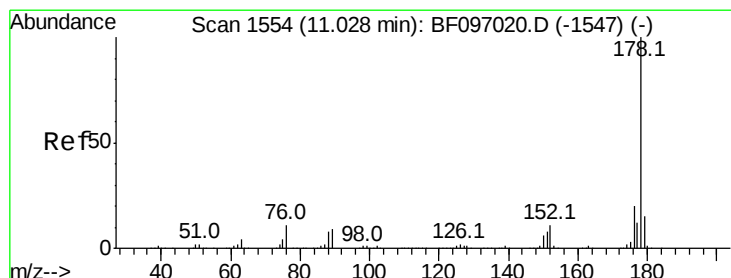
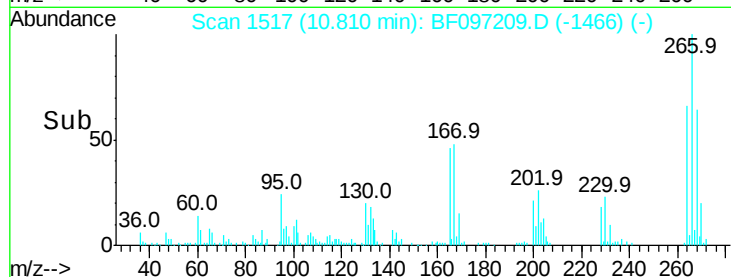
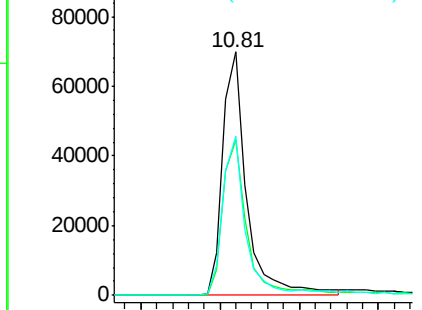


Abundance

Ion 265.70 (265.40 to 266.40): E

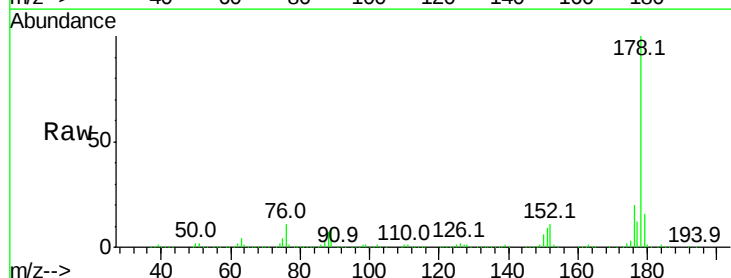
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 45.694 ng
 RT: 11.01 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.7	12.6	19.0

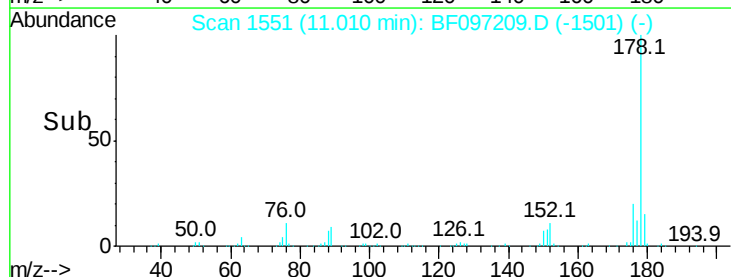
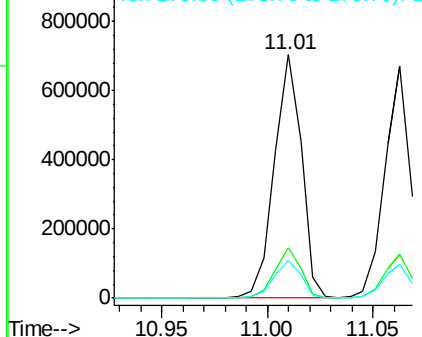


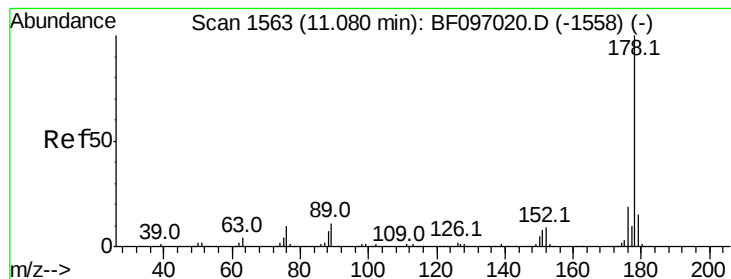
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.774 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:178 Resp: 563937

Ion Ratio Lower Upper

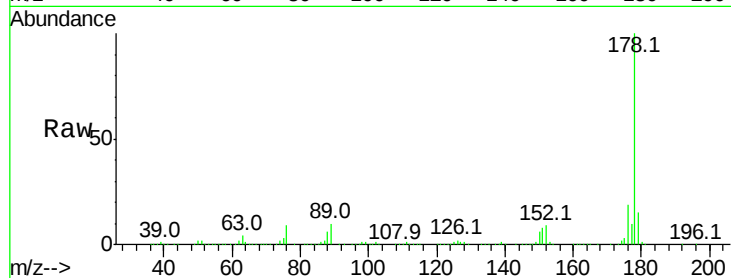
178 100

176 18.8 15.8 23.8

179 14.7 12.7 19.1

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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800000

600000

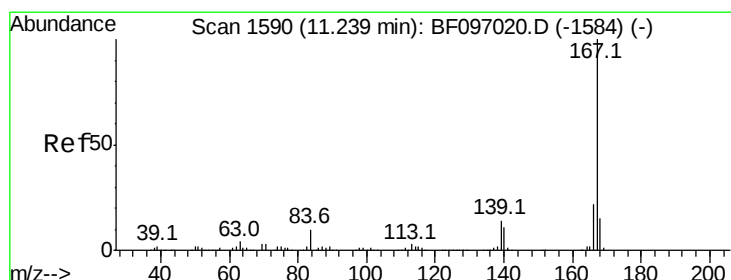
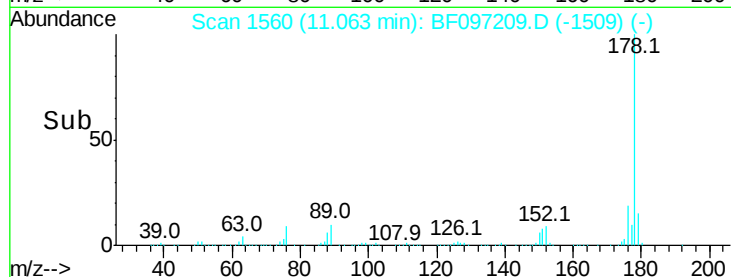
400000

200000

0

11.06

Time-->



#72

Carbazole

Concen: 35.681 ng

RT: 11.22 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

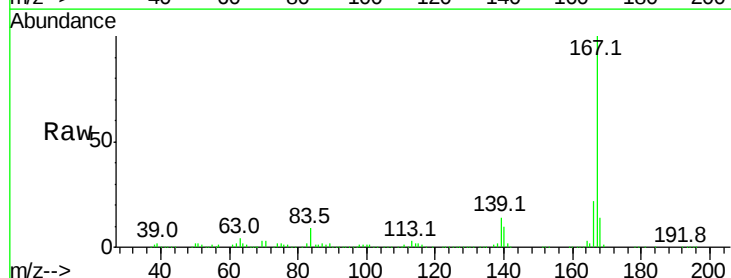
Tgt Ion:167 Resp: 497548

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

139 14.4 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

800000

600000

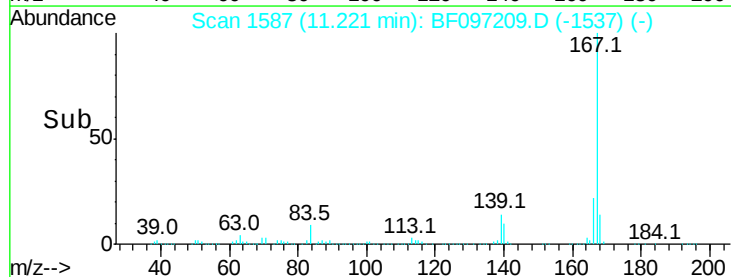
400000

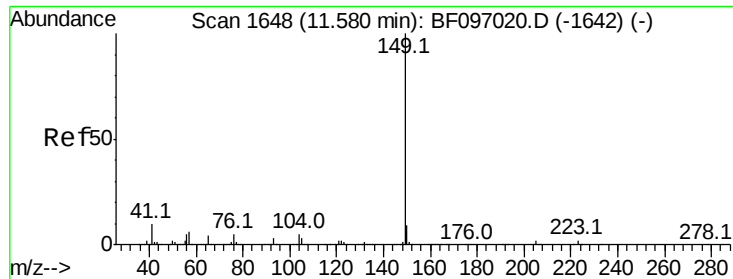
200000

0

11.22

Time-->





#73

Di-n-butylphthalate

Concen: 35.978 ng

RT: 11.56 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

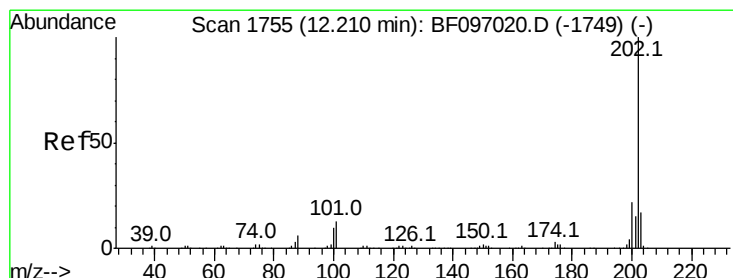
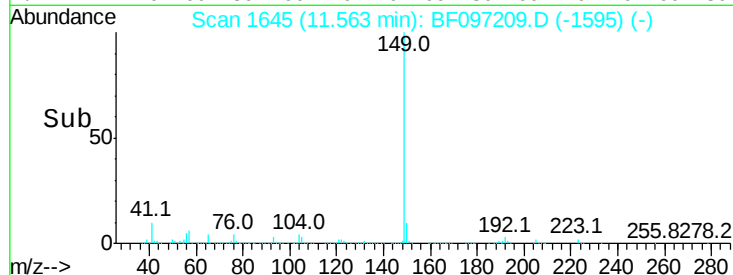
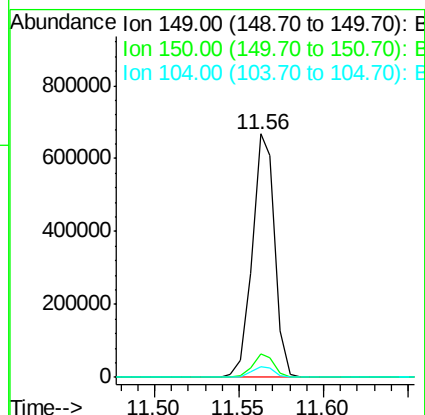
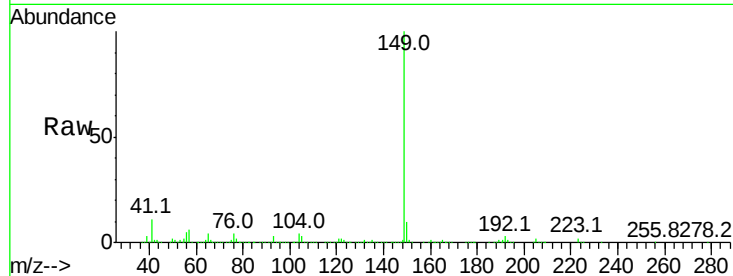
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	149	Resp:	620145
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.3	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.643 ng

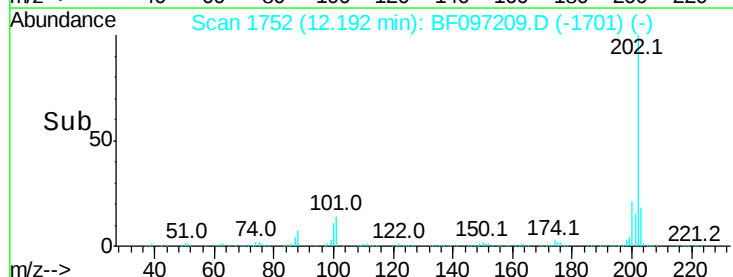
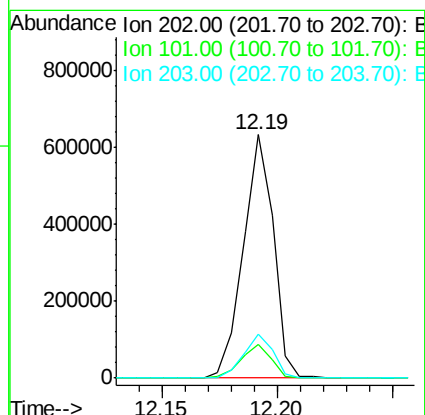
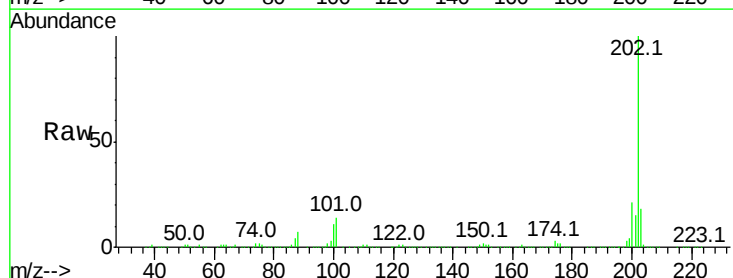
RT: 12.19 min Scan# 1752

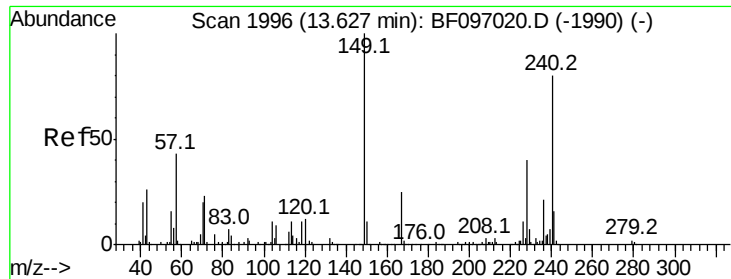
Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	202	Resp:	578311
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:240 Resp: 166432

Ion Ratio Lower Upper

240 100

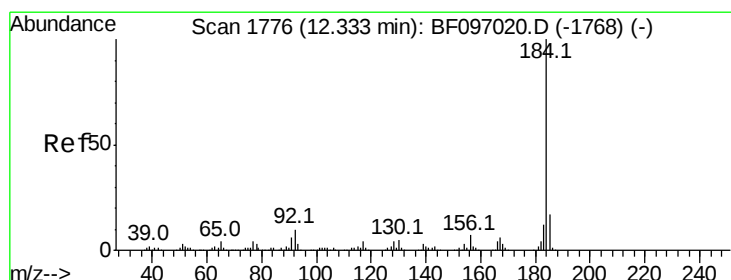
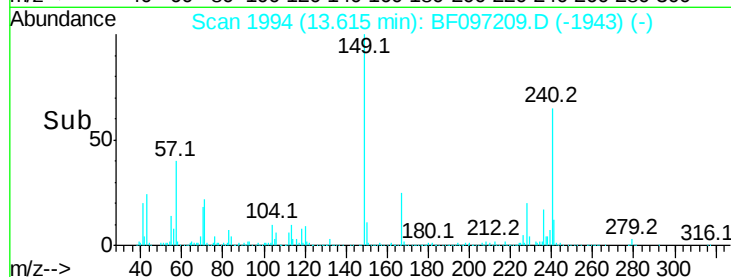
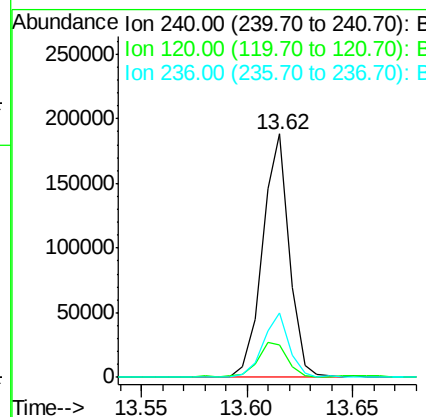
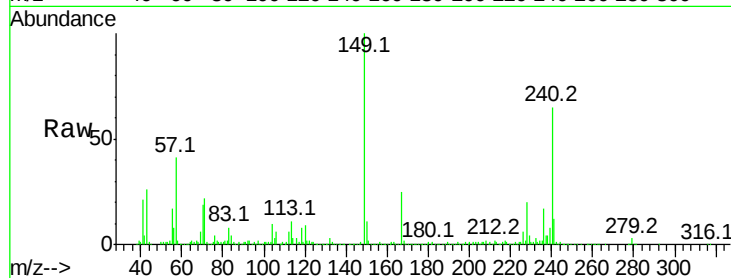
120 13.4 5.8 8.8#

236 26.5 20.5 30.7

Manual Integrations
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#76

Benzidine

Concen: 27.512 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

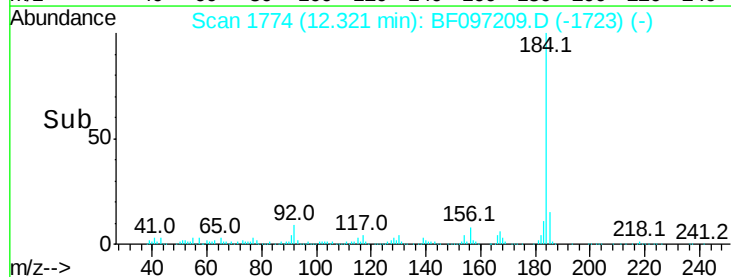
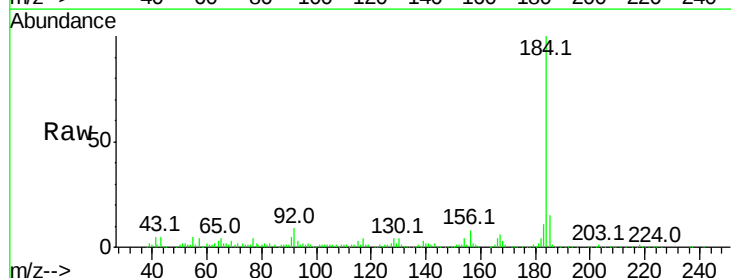
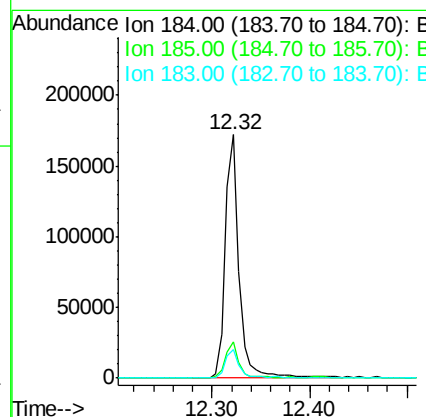
Tgt Ion:184 Resp: 169900

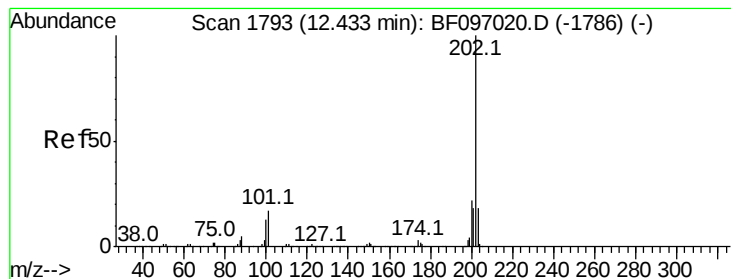
Ion Ratio Lower Upper

184 100

185 15.0 15.5 23.3#

183 11.5 9.8 14.6





#77

Pvrene

Concen: 43.990 ng

RT: 12.42 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

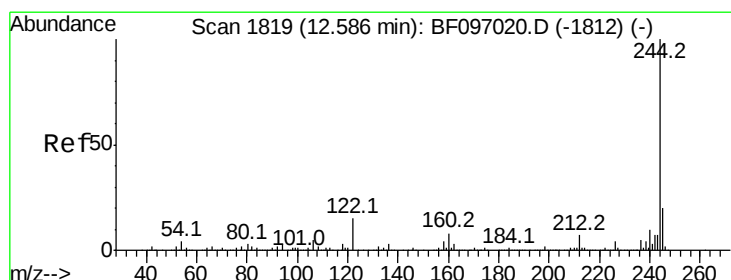
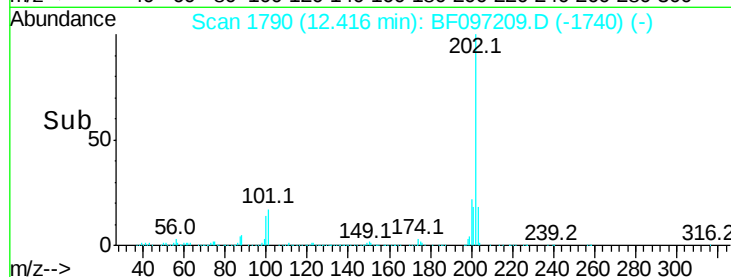
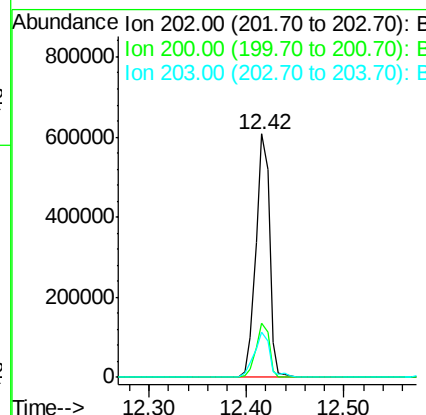
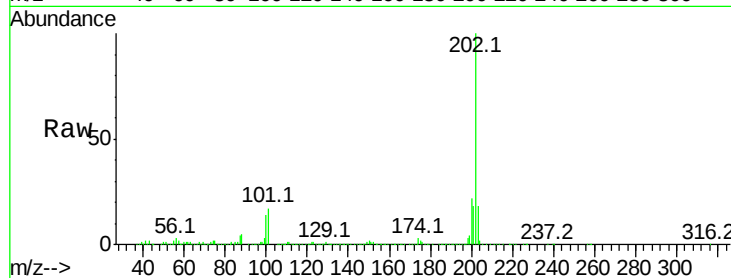
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	202	Resp:	599369
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	18.4	14.4	21.6

Manual Integrations
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#78

Terphenyl-d14

Concen: 50.863 ng

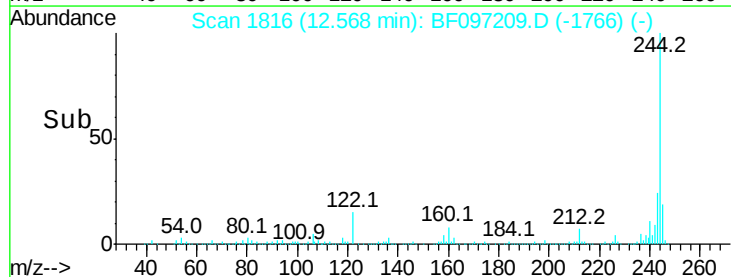
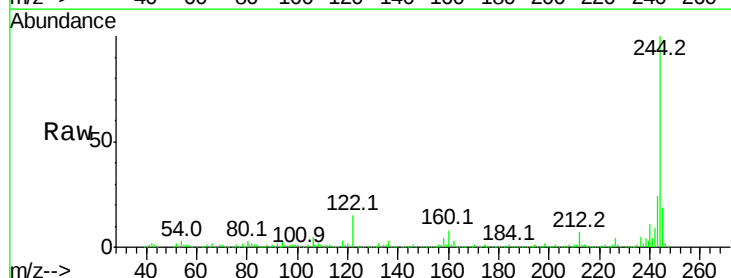
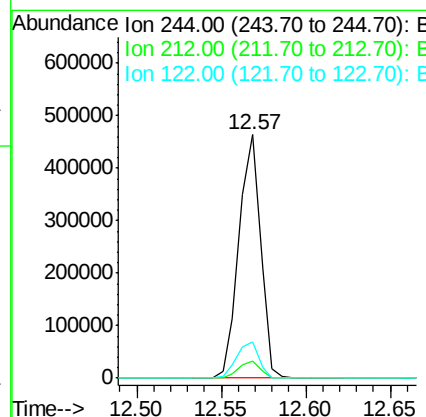
RT: 12.57 min Scan# 1816

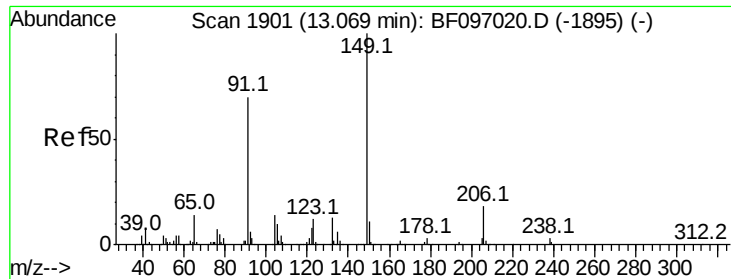
Delta R.T. -0.01 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	244	Resp:	415199
Ion Ratio	Lower	Upper	
244	100		
212	6.9	6.0	9.0
122	14.7	10.3	15.5





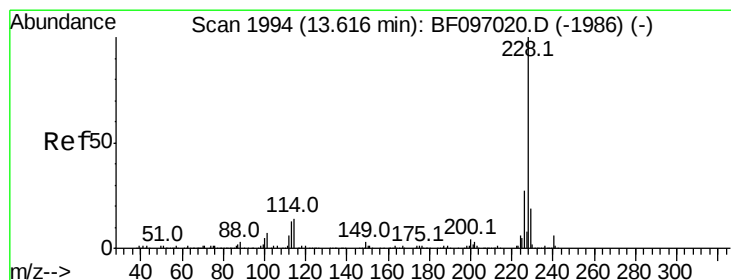
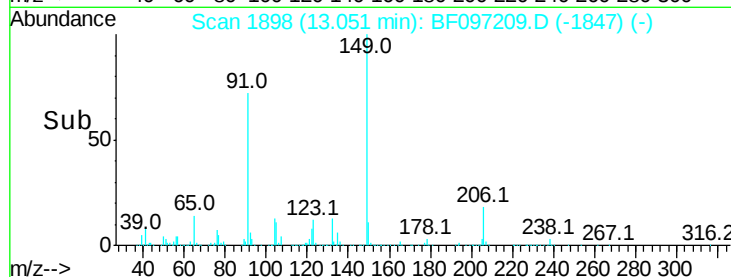
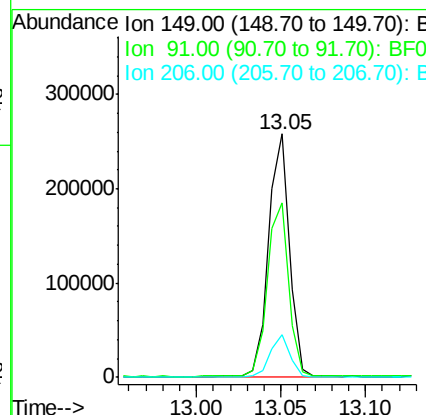
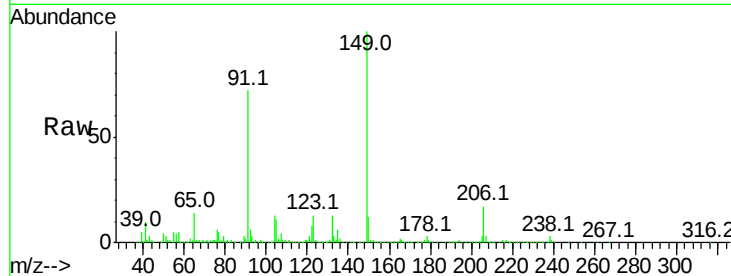
#79
Butylbenzylphthalate
Concen: 31.574 ng
RT: 13.05 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	218832		
91	71.7	45.0	67.4#	
206	17.5	17.0	25.6	

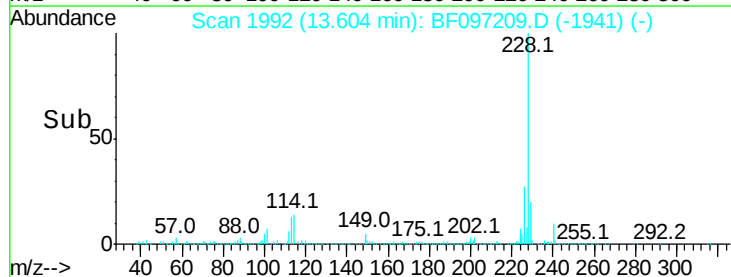
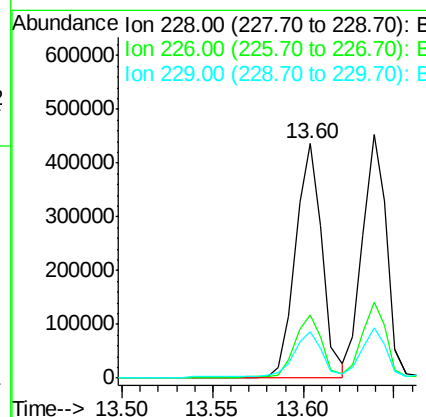
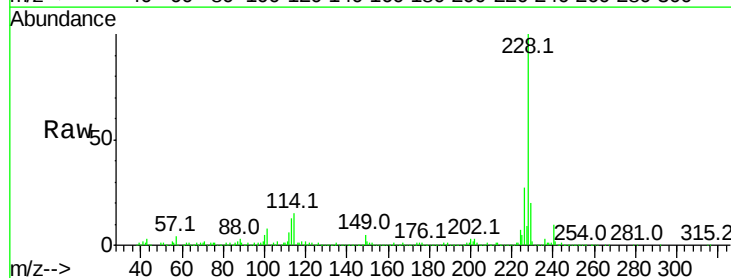
Manual Integrations
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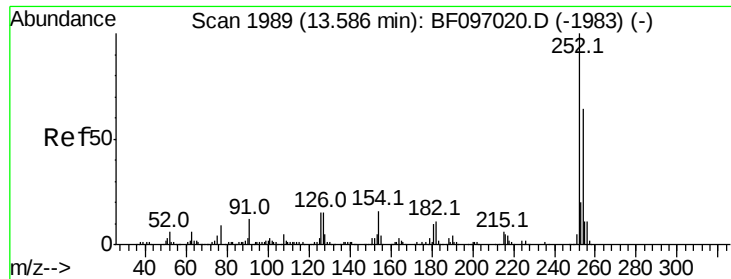
Sohil
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#80
Benzo(a)anthracene
Concen: 41.370 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	445511		
226	27.1	22.6	33.8	
229	20.0	16.3	24.5	





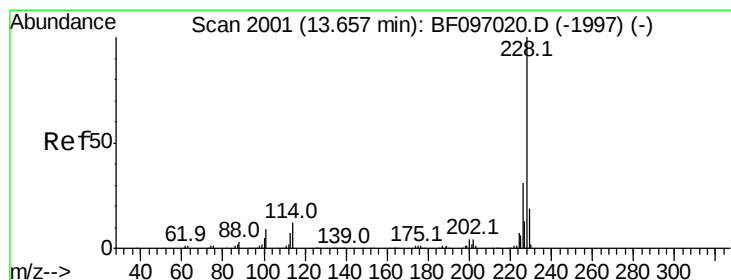
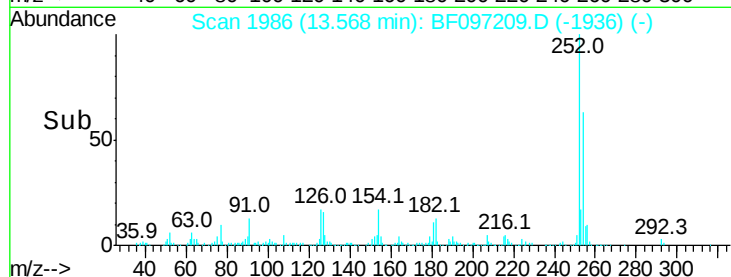
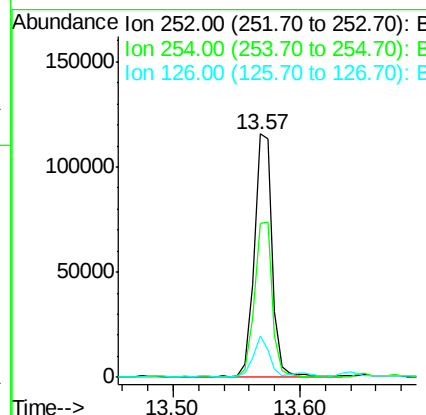
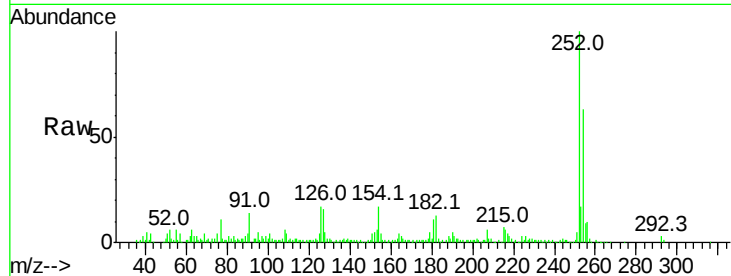
#81
 3,3'-Dichlorobenzidine
 Concen: 28.435 ng
 RT: 13.57 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion:	252	Resp:	115476
Ion Ratio	Lower	Upper	
252	100		
254	63.2	51.5	77.3
126	17.2	15.8	23.8

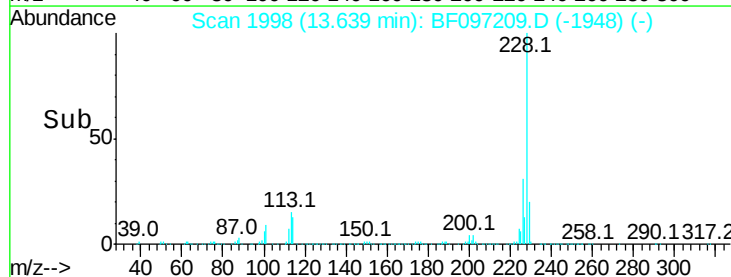
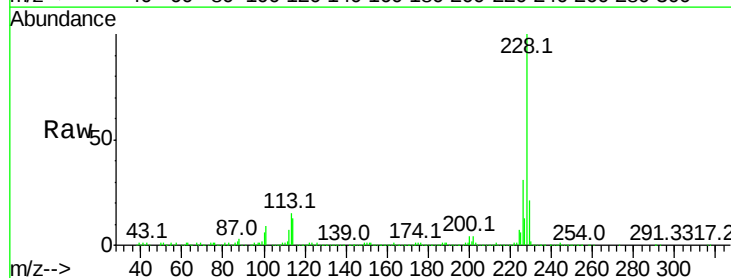
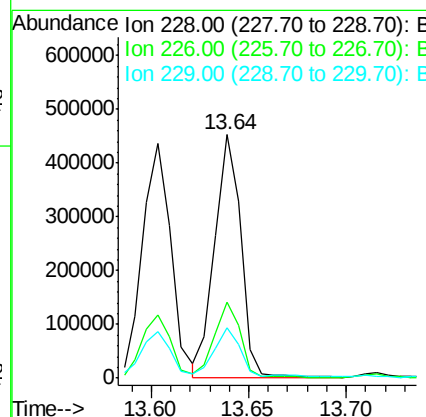
Manual Integrations
 APPROVED

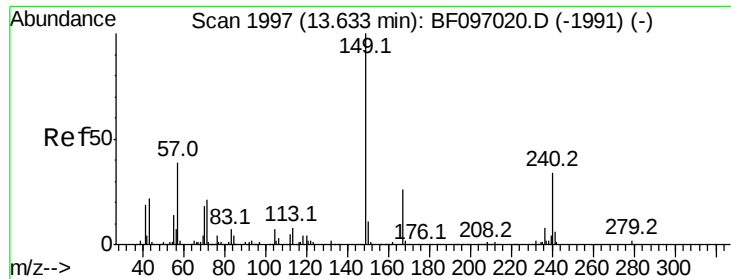
Sohil
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#82
 Chrysene
 Concen: 39.758 ng
 RT: 13.64 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Tgt Ion:	228	Resp:	418068
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.9	37.3
229	20.8	15.8	23.6





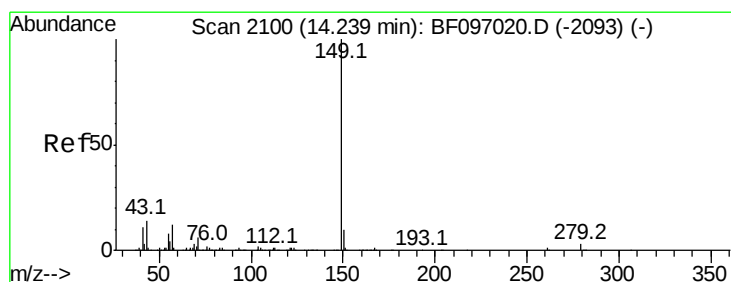
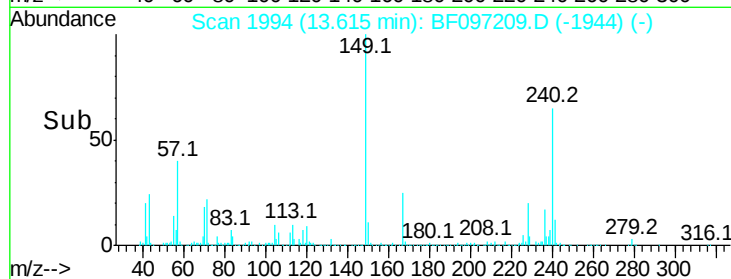
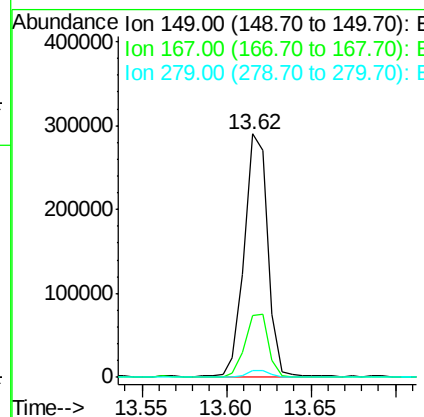
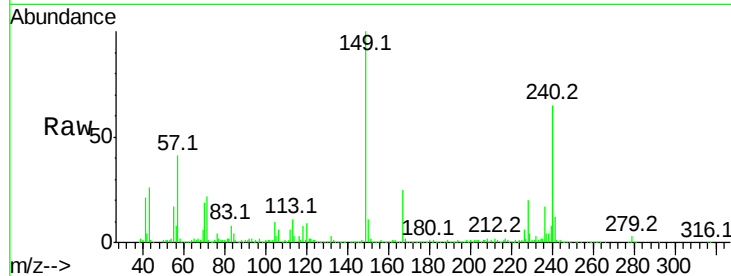
#83
Bis(2-ethylhexyl)phthalate
Concen: 30.907 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	279685		
167	25.5		21.0	31.4
279	2.6		1.9	2.9

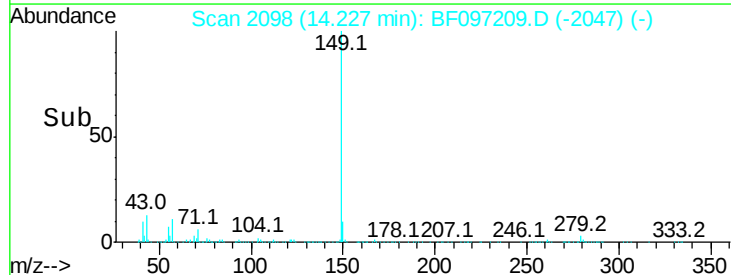
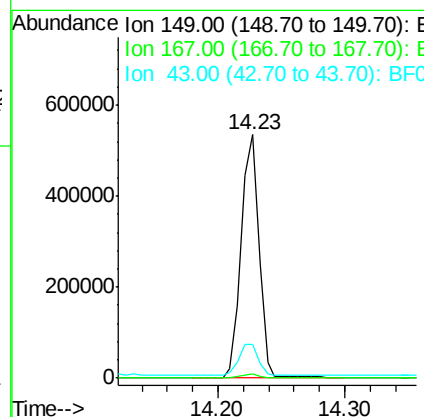
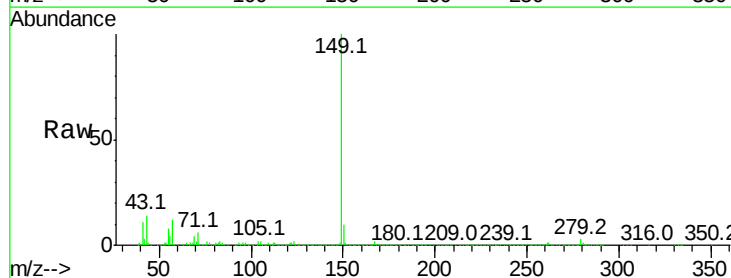
Manual Integrations
APPROVED

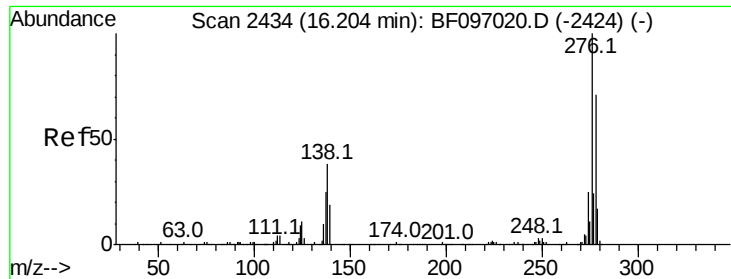
Sohil
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#84
Di-n-octyl phthalate
Concen: 30.930 ng
RT: 14.23 min Scan# 2098
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	513633		
167	1.7		1.2	1.8
43	14.7		8.5	12.7#





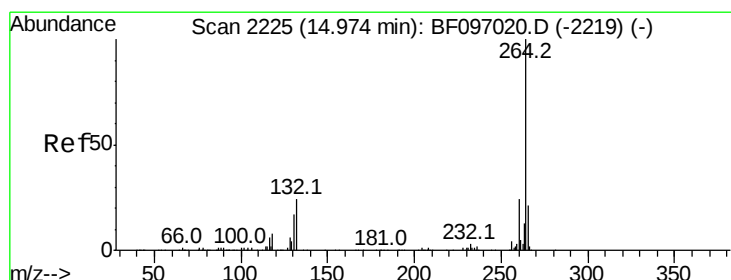
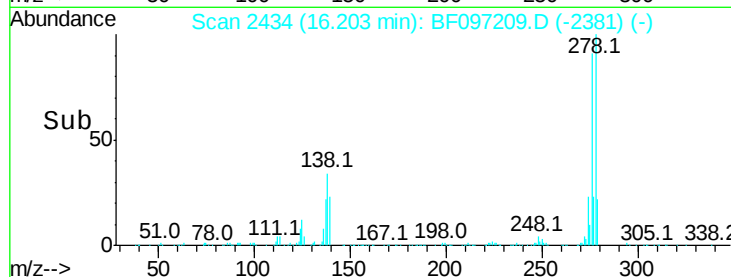
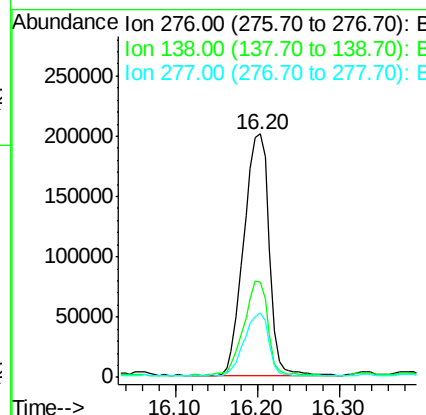
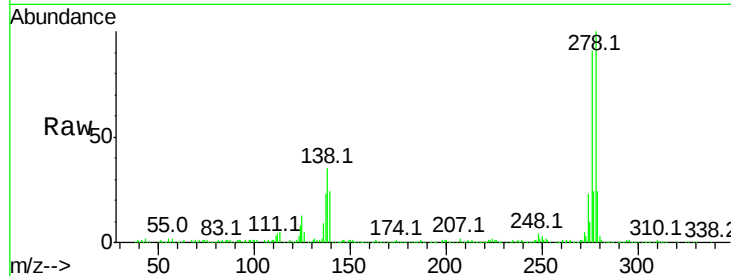
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.463 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	37.2	27.8	41.6
277	25.8	20.2	30.4

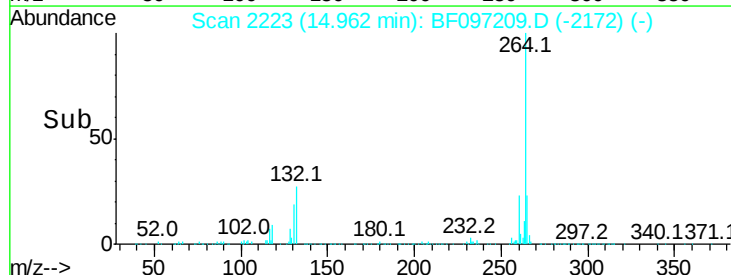
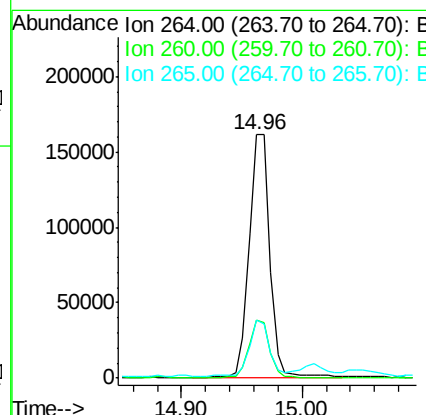
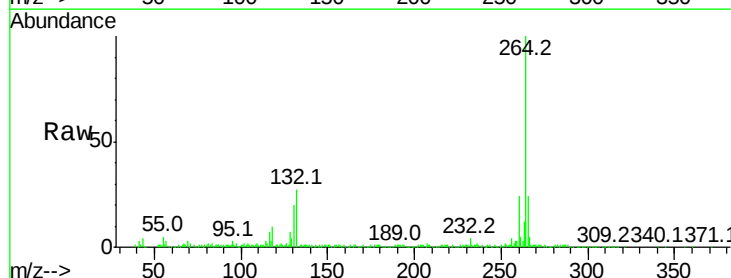
Manual Integrations
APPROVED

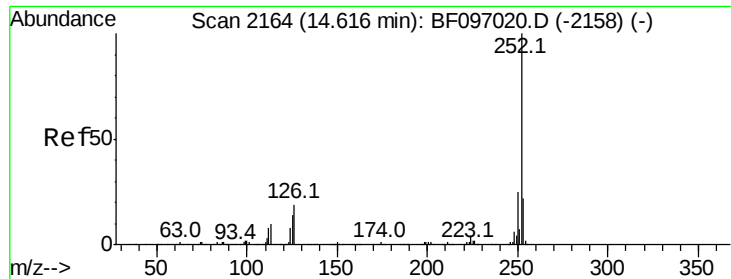
Sohil
8/1/2017 5:44:35 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

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





#87

Benzo(b)fluoranthene

Concen: 41.851 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Instrument :

BNA_F

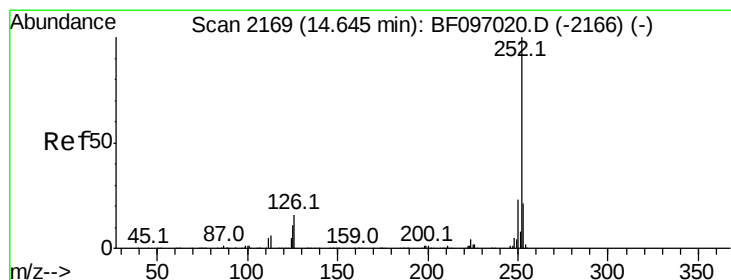
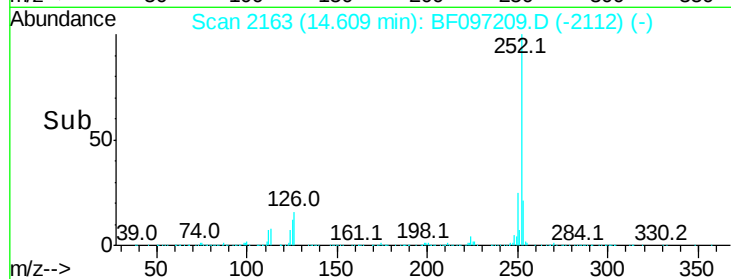
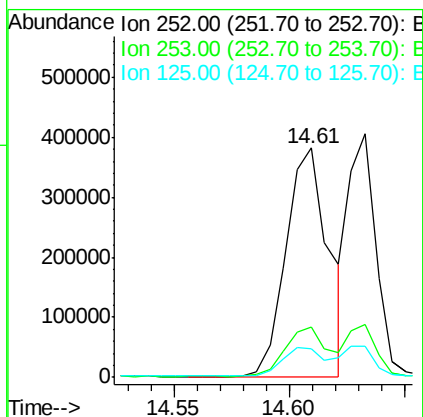
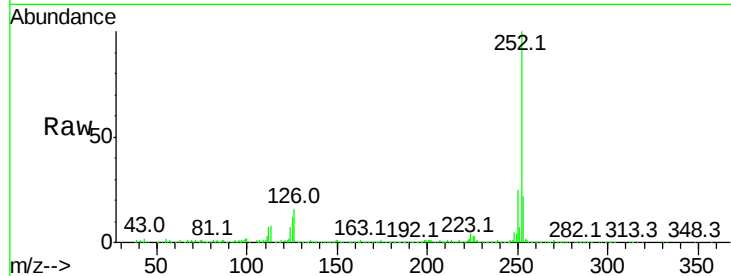
ClientSampleId :

E2-HS5-BASEMSD

Tot Ion:	252	Resp:	486311
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.1	27.1
125	12.5	9.8	14.8

Manual Integrations
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8/1/2017 5:44:35 PM



#88

Benzo(k)fluoranthene

Concen: 30.364 ng

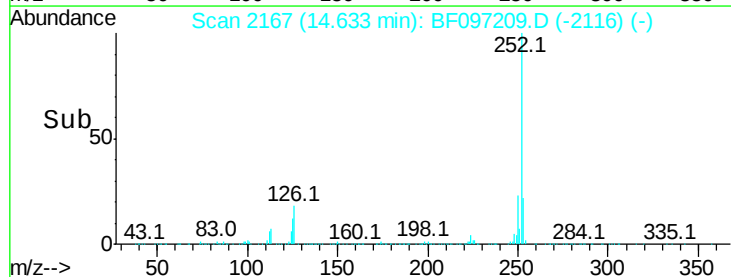
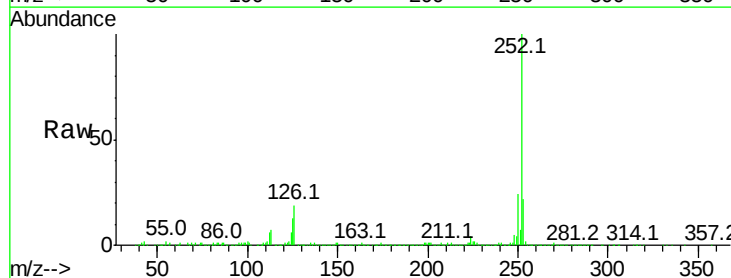
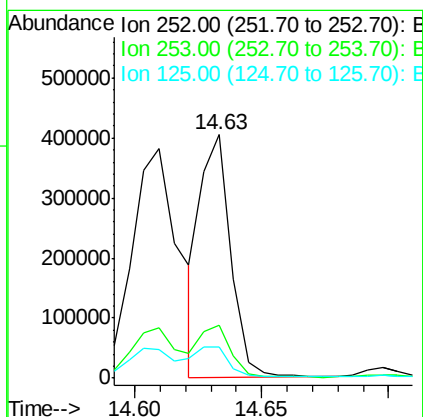
RT: 14.63 min Scan# 2167

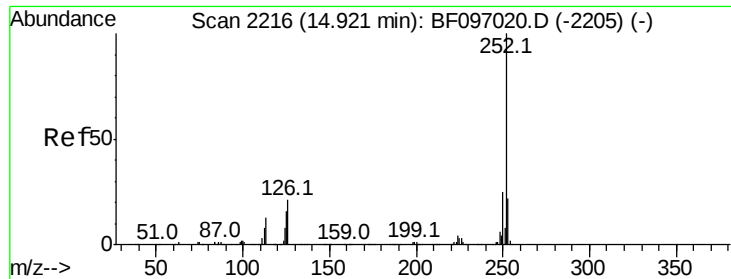
Delta R.T. -0.00 min

Lab File: BF097209.D

Acq: 31 Jul 2017 15:51

Tgt Ion:	252	Resp:	336221
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.4	27.6
125	12.6	13.1	19.7#





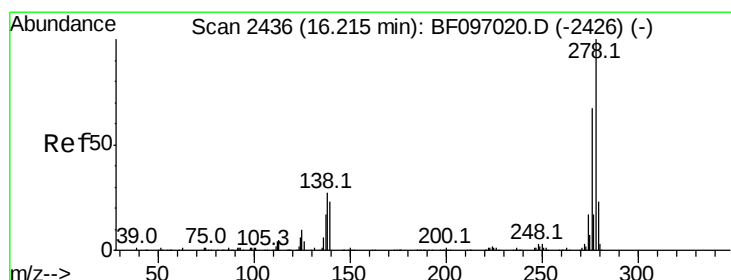
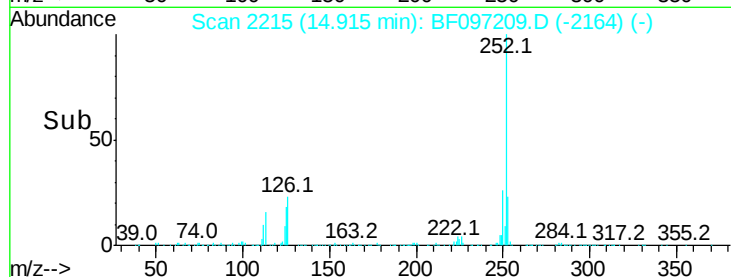
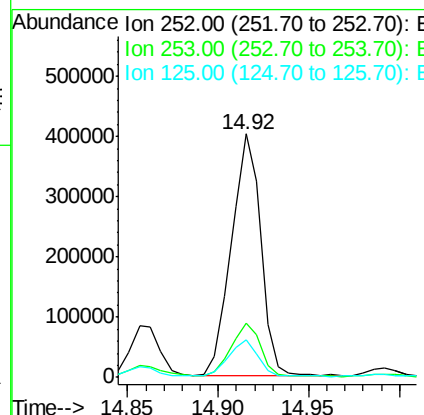
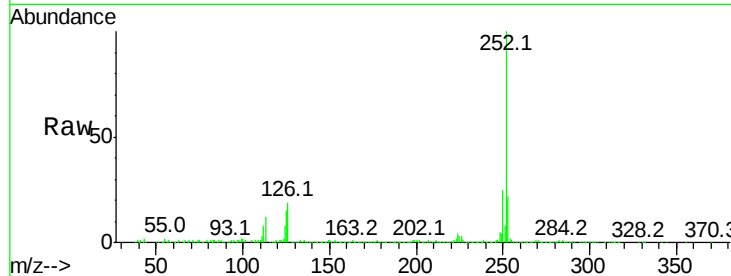
#89
Benzo(a)pyrene
Concen: 42.959 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	15.3	11.0	16.4

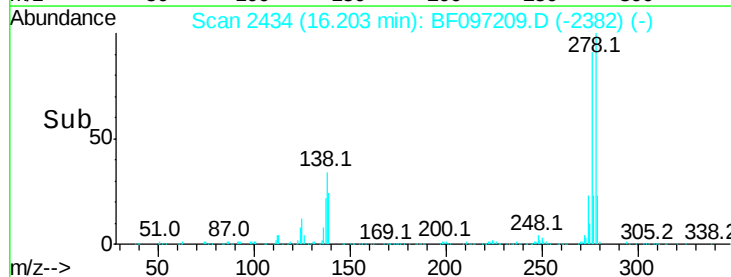
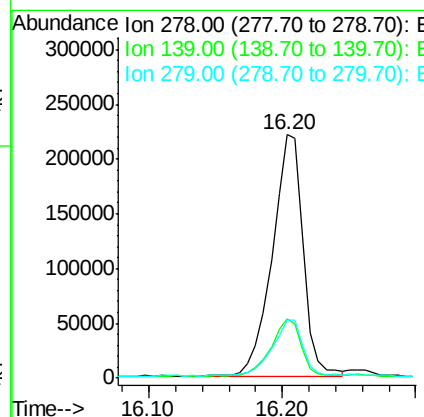
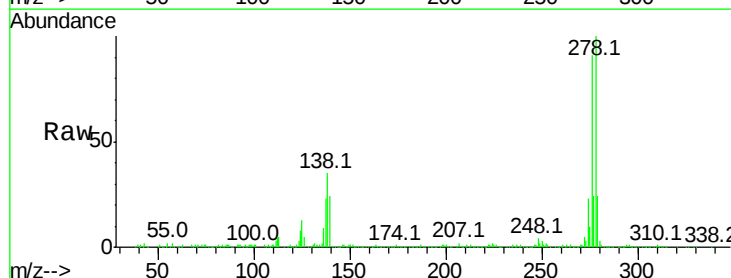
Manual Integrations
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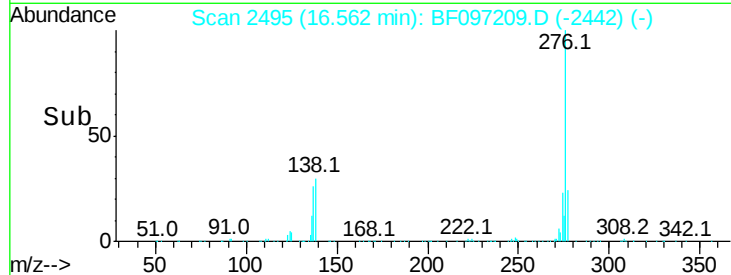
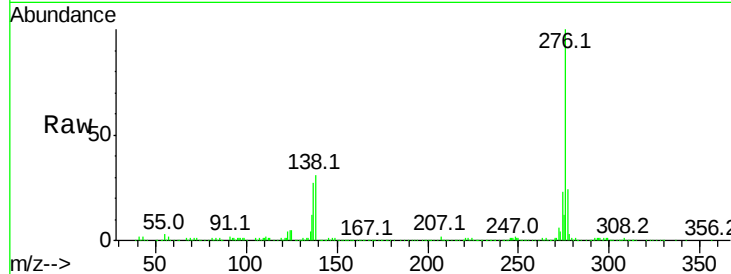
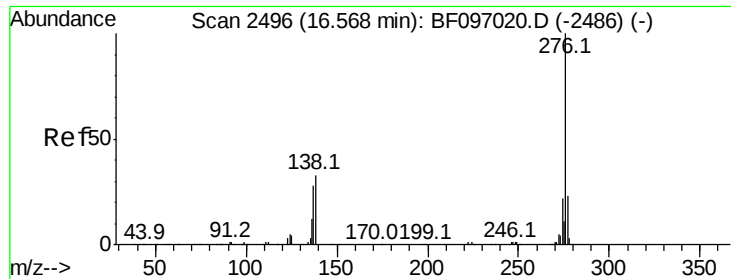
Sohil
8/1/2017 5:44:35 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.971 ng
RT: 16.20 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BF097209.D
Acq: 31 Jul 2017 15:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.1	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 40.360 ng
 RT: 16.56 min Scan# 2495
 Delta R.T. 0.01 min
 Lab File: BF097209.D
 Acq: 31 Jul 2017 15:51

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASEMSD

Tot Ion:	276	Resp:	369126
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.6	28.0
138	30.7	25.4	38.0

Manual Integrations
 APPROVED

Sohil
 8/1/2017 5:44:35 PM

