

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097192.D
 Acq On : 29 Jul 2017 9:33
 Operator : SJ/JU
 Sample : I4421-11
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Manual Integrations
 APPROVED

Quant Time: Jul 31 02:23:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	106699	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	384344	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	152858	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	227905	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	164186	20.00	ng	-0.01
86) Perylene-d12	14.96	264	130861	20.00	ng	-0.01

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System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	744557	105.19	ng	0.00
7) Phenol-d6	6.16	99	854249	105.72	ng	-0.01
23) Nitrobenzene-d5	7.06	82	461751	70.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	111371	92.22	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	627611	69.68	ng	-0.02
78) Terphenyl-d14	12.57	244	416749	51.75	ng	-0.01

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	104599	35.413	ng	# 75
3) Pyridine	2.68	79	301626	33.349	ng	# 66
4) n-Nitrosodimethylamine	2.63	42	188064	37.533	ng	# 81
6) Aniline	6.15	93	189787	18.665	ng	# 76
8) 2-Chlorophenol	6.28	128	292095	38.594	ng	# 96
9) Benzaldehyde	6.03	77	86170	18.017	ng	# 95
10) Phenol	6.17	94	366252	38.213	ng	# 95
11) bis(2-Chloroethyl)ether	6.23	93	280006	36.938	ng	# 92
12) 1,3-Dichlorobenzene	6.43	146	283164	34.718	ng	# 99
13) 1,4-Dichlorobenzene	6.50	146	307867	38.089	ng	# 93
14) 1,2-Dichlorobenzene	6.66	146	277511	39.322	ng	# 99
15) Benzyl Alcohol	6.65	79	217143	42.445	ng	# 96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	575431	37.847	ng	# 79
17) 2-Methylphenol	6.77	107	219315	37.547	ng	# 91
18) Hexachloroethane	7.00	117	79976	27.046	ng	# 87
19) n-Nitroso-di-n-propylamine	6.92	70	193981	36.472	ng	# 78
20) 3+4-Methylphenols	6.93	107	292136	38.293	ng	# 62
22) Acetophenone	6.90	105	373597	40.477	ng	# 98
24) Nitrobenzene	7.07	77	255462	37.439	ng	# 97
25) Isophorone	7.32	82	443767	34.587	ng	# 96
26) 2-Nitrophenol	7.39	139	119192	32.288	ng	# 84
27) 2,4-Dimethylphenol	7.45	122	214614	35.243	ng	# 98
28) bis(2-Chloroethoxy)methane	7.54	93	308559	36.852	ng	# 99
29) 2,4-Dichlorophenol	7.65	162	202496	38.600	ng	# 98
30) 1,2,4-Trichlorobenzene	7.72	180	185117	37.020	ng	# 98
31) Naphthalene	7.79	128	679150	37.486	ng	# 99
32) Benzoic acid	7.56	122	15251	3.354	ng	# 92
33) 4-Chloroaniline	7.85	127	104912	14.231	ng	# 98
34) Hexachlorobutadiene	7.92	225	92369	34.844	ng	# 97
35) Caprolactam	8.22	113	59477	35.357	ng	# 57
36) 4-Chloro-3-methylphenol	8.36	107	183417	32.047	ng	# 91
37) 2-Methylnaphthalene	8.49	142	454760	39.644	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	150400	36.875	ng	# 99
40) Hexachlorocyclopentadiene	8.64	237	2291	8.065	ng	# 83

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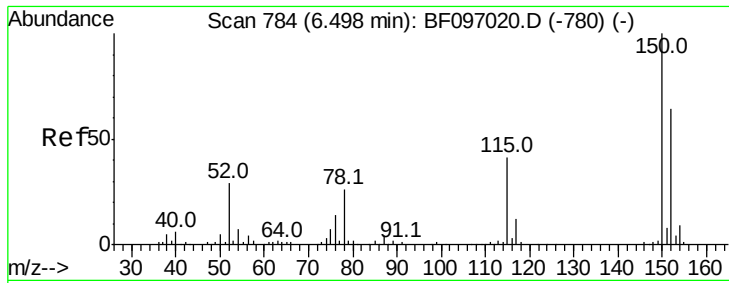
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Manual Integrations
 APPROVED

Quant Time: Jul 31 02:23:25 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	100629	34.046	nq	98
43) 2,4,5-Trichlorophenol	8.82	196	105496	35.660	nq	97
45) 1,1'-Biphenyl	8.95	154	451647	34.593	nq	96
46) 2-Chloronaphthalene	8.97	162	340776	35.468	nq	93
47) 2-Nitroaniline	9.07	65	129661	37.186	nq	93
48) Acenaphthylene	9.38	152	502398	34.067	nq	98
49) Dimethylphthalate	9.26	163	515956	44.449	nq	98
50) 2,6-Dinitrotoluene	9.32	165	80010	32.499	nq	# 81
51) Acenaphthene	9.55	154	317109	36.505	nq	99
52) 3-Nitroaniline	9.48	138	92827	30.377	nq	98
54) Dibenzofuran	9.72	168	422456	36.511	nq	99
55) 4-Nitrophenol	9.67	139	104445	57.473	nq	# 66
56) 2,4-Dinitrotoluene	9.72	165	88215	31.169	nq	# 54
57) Fluorene	10.06	166	327024	37.605	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	71788	35.144	nq	100
59) Diethylphthalate	9.95	149	394318	37.027	nq	99
60) 4-Chlorophenyl-phenylether	10.06	204	137226	38.213	nq	95
61) 4-Nitroaniline	10.09	138	96413	33.204	nq	93
62) Azobenzene	10.22	77	337469	34.159	nq	92
64) 4,6-Dinitro-2-methylphenol	10.14	198	5450	3.848	nq	87
65) n-Nitrosodiphenylamine	10.18	169	293574	37.022	nq	99
66) 4-Bromophenyl-phenylether	10.55	248	79349	34.888	nq	94
67) Hexachlorobenzene	10.61	284	82293	32.265	nq	# 87
68) Atrazine	10.71	200	88589	38.960	nq	91
69) Pentachlorophenol	10.81	266	75074	71.140	nq	99
70) Phenanthrene	11.02	178	574265	47.028	nq	99
71) Anthracene	11.07	178	508111	40.626	nq	98
72) Carbazole	11.23	167	484921	39.424	nq	99
73) Di-n-butylphthalate	11.57	149	586386	38.566	nq	99
74) Fluoranthene	12.20	202	603241	50.426	nq	98
76) Benzidine	12.32	184	285956	46.939	nq	# 92
77) Pyrene	12.42	202	629954	46.867	nq	100
79) Butylbenzylphthalate	13.05	149	226911	33.187	nq	# 78
80) Benzo(a)anthracene	13.61	228	430358	40.510	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	127967	31.942	nq	# 97
82) Chrysene	13.64	228	426824	41.146	nq	99
83) Bis(2-ethylhexyl)phthalate	13.62	149	315345	35.324	nq	98
84) Di-n-octyl phthalate	14.23	149	565663	34.529	nq	# 92
85) Indeno(1,2,3-cd)pyrene	16.20	276	265697	29.870	nq	97
87) Benzo(b)fluoranthene	14.61	252	359422	45.691	nq	98
88) Benzo(k)fluoranthene	14.63	252	256315m	34.194	nq	
89) Benzo(a)pyrene	14.92	252	310971	43.194	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	215985	36.583	nq	# 93
91) Benzo(g,h,i)perylene	16.56	276	242885	39.230	nq	97

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



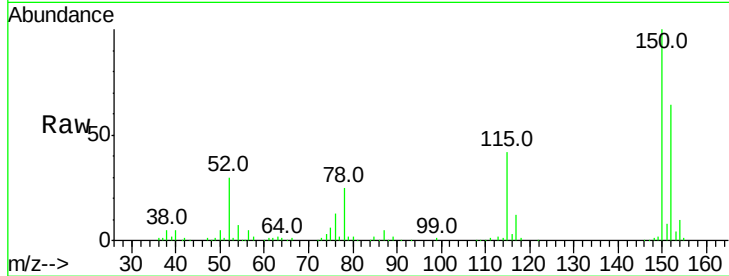
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

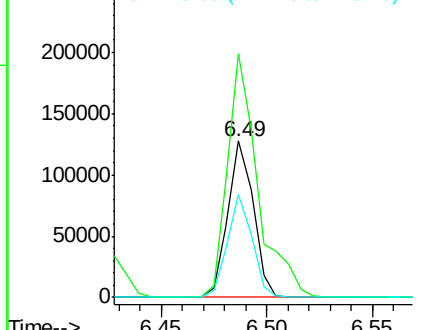
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	65.5	52.2	78.2

Manual Integrations
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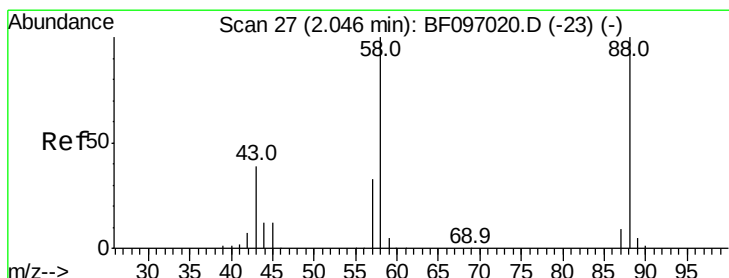
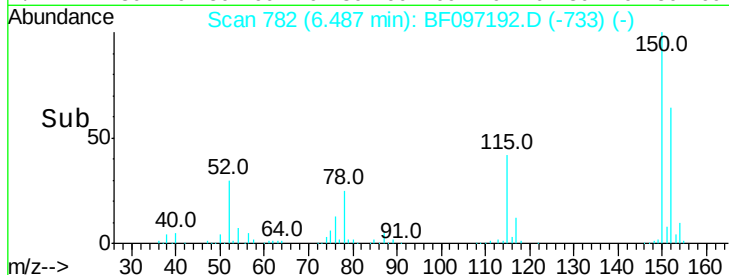


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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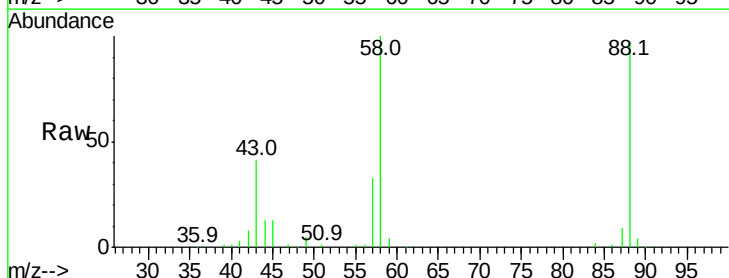
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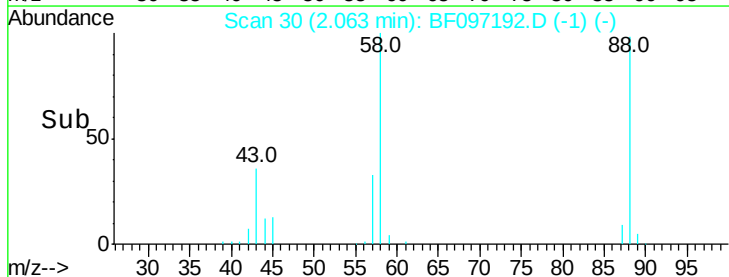
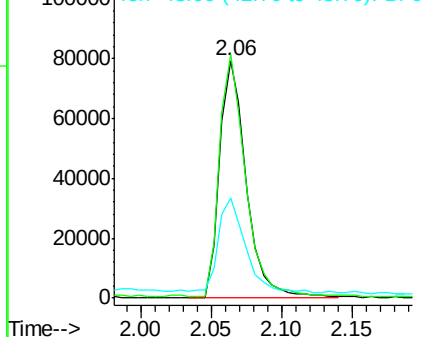
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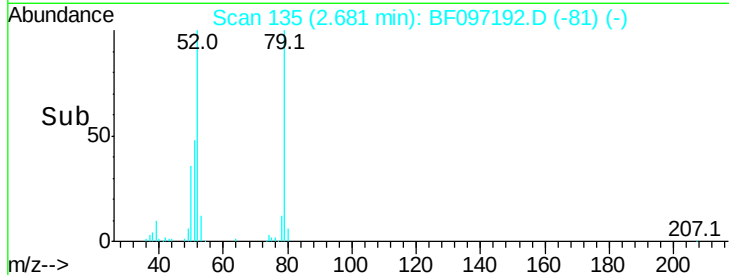
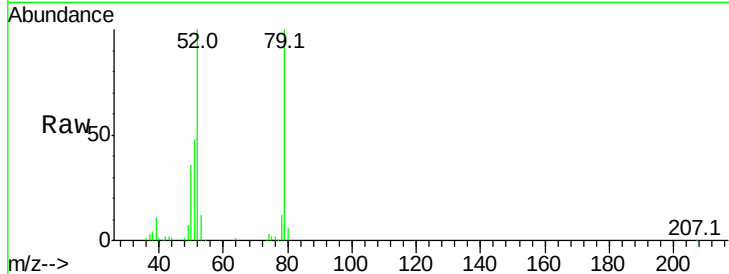
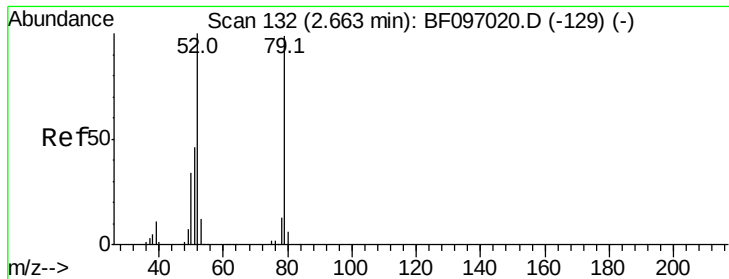
1,4-Dioxane
Concen: 35.413 ng
RT: 2.06 min Scan# 30
Delta R.T. 0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.1	61.4	92.0#
43	39.3	23.4	35.0#



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



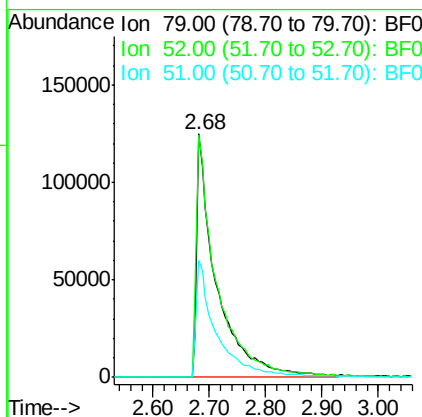


#3
Pvridine
Concen: 33.349 ng
RT: 2.68 min Scan# 135
Delta R.T. 0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tot Ion: 79 Resp: 301626
Ion Ratio Lower Upper
79 100
52 99.5 54.8 82.2#
51 48.1 27.0 40.4#

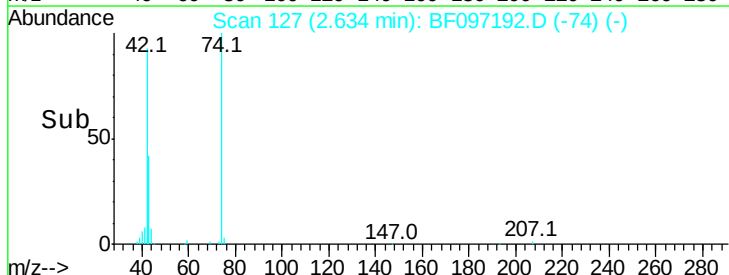
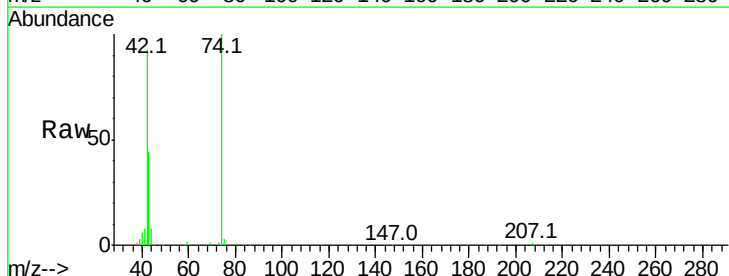
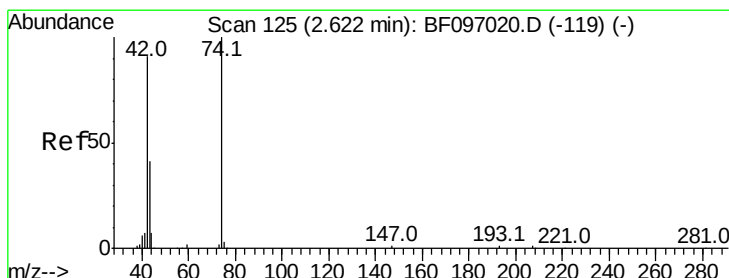
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Manual Integrations
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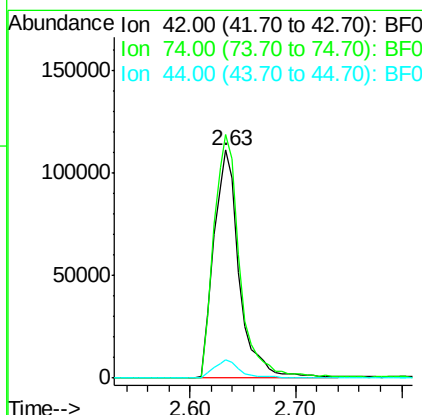
Sohil

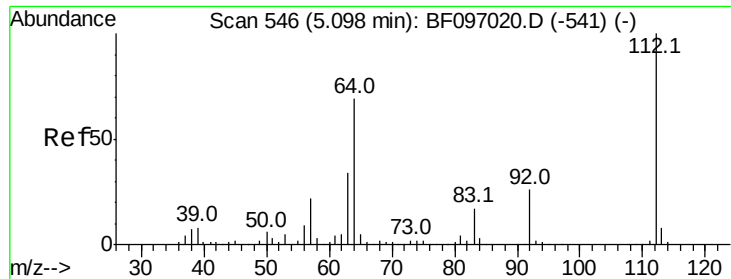
7/31/2017 6:53:11 PM



#4
n-Nitrosodimethylamine
Concen: 37.533 ng
RT: 2.63 min Scan# 127
Delta R.T. 0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion: 42 Resp: 188064
Ion Ratio Lower Upper
42 100
74 107.0 103.9 155.9
44 8.1 5.7 8.5





#5

2-Fluorophenol

Concen: 105.194 ng

RT: 5.10 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

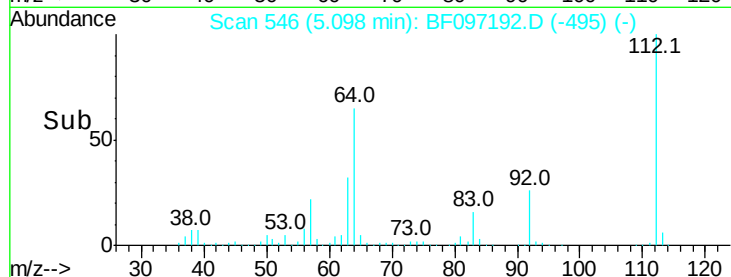
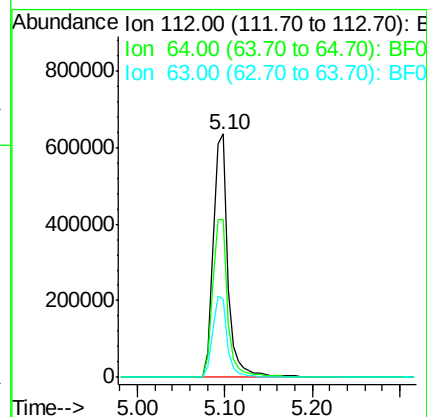
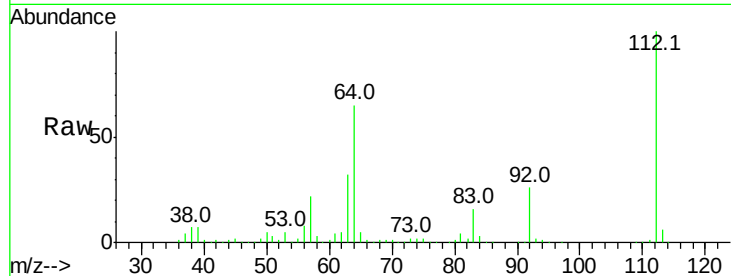
BNA_F

ClientSampleId :

E2-HS5-BASE

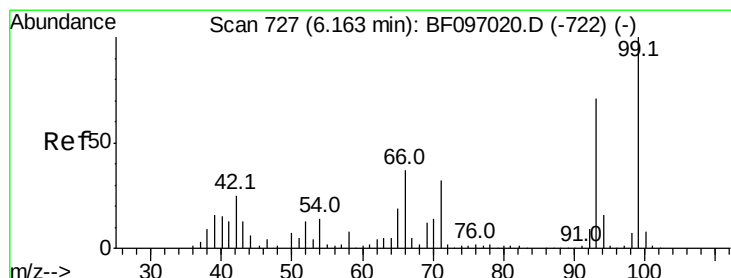
Tot Ion:	112	Resp:	744557
Ion Ratio	Lower	Upper	
112	100		
64	64.9	46.0	69.0
63	32.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 18.665 ng

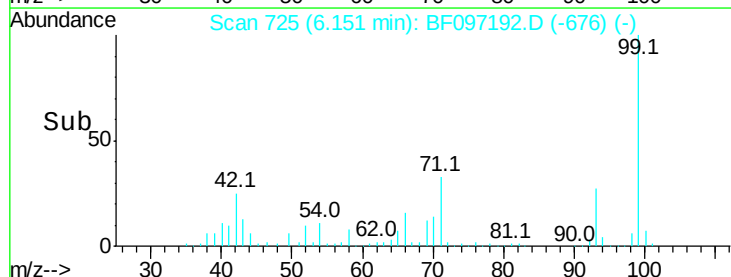
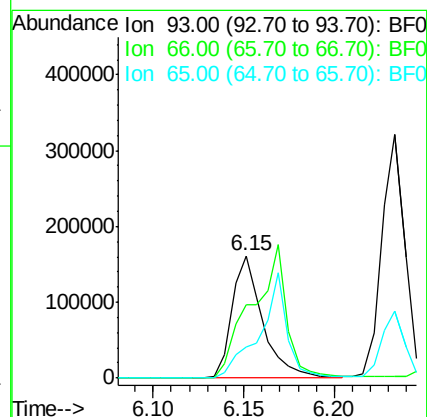
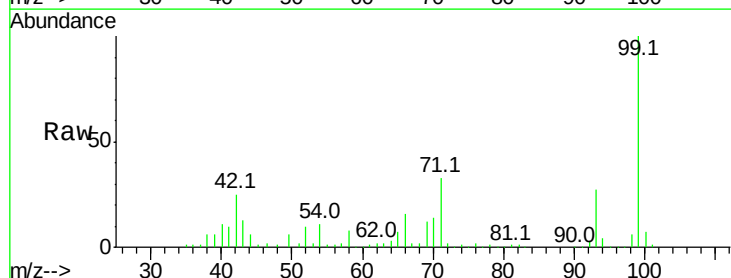
RT: 6.15 min Scan# 725

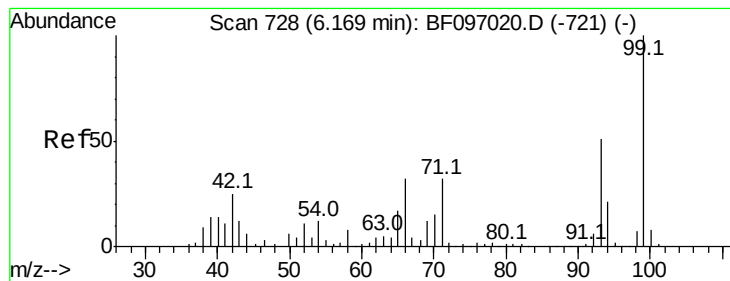
Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Tgt Ion:	93	Resp:	189787
Ion Ratio	Lower	Upper	
93	100		
66	59.6	32.9	49.3#
65	25.7	16.0	24.0#





#7

Phenol-d6

Concen: 105.720 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion: 99 Resp: 854249

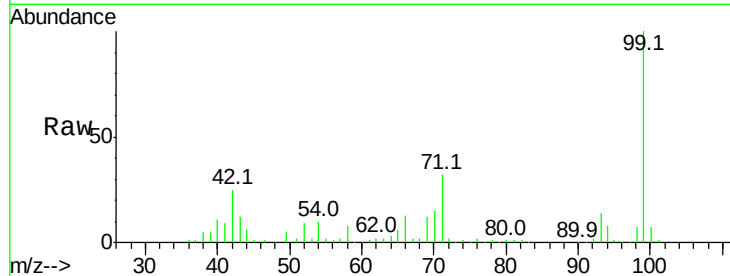
Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

71 32.3 24.5 36.7

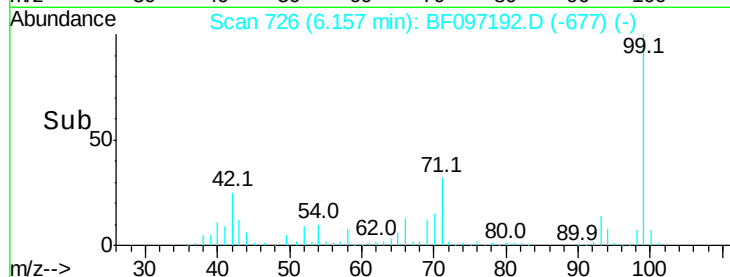
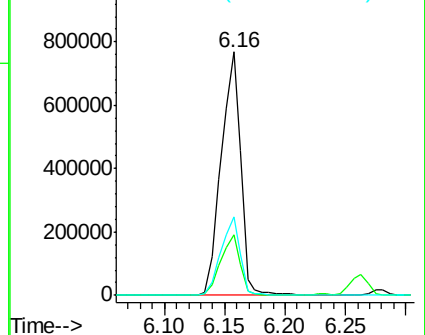
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF0

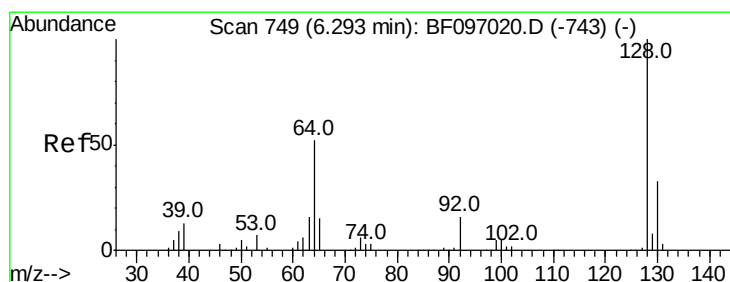
Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



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#8

2-Chlorophenol

Concen: 38.594 ng

RT: 6.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

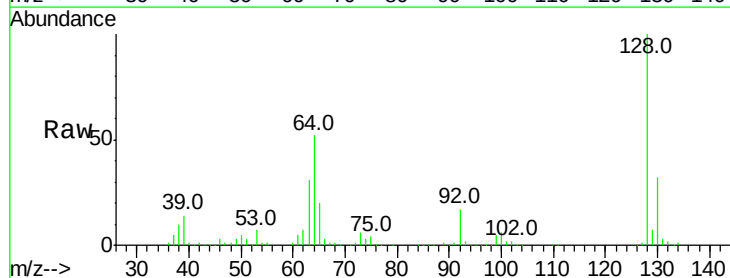
Tgt Ion: 128 Resp: 292095

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

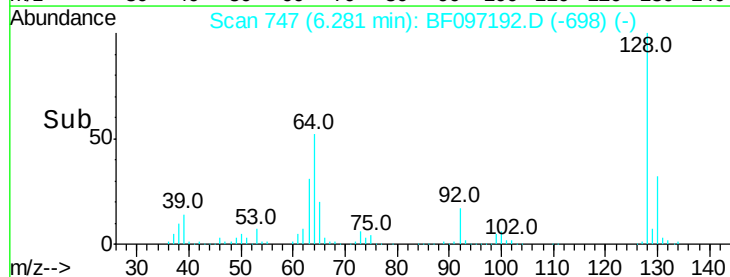
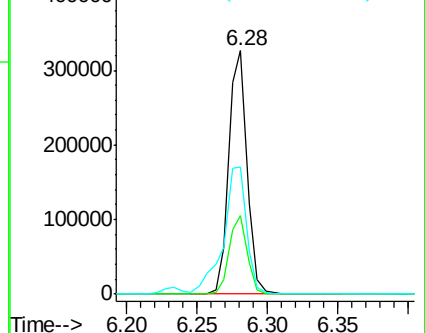
64 52.4 28.4 68.4

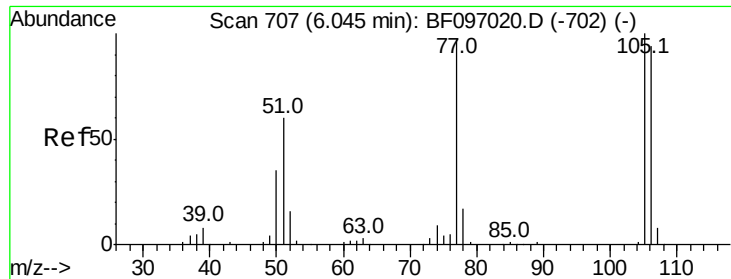


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



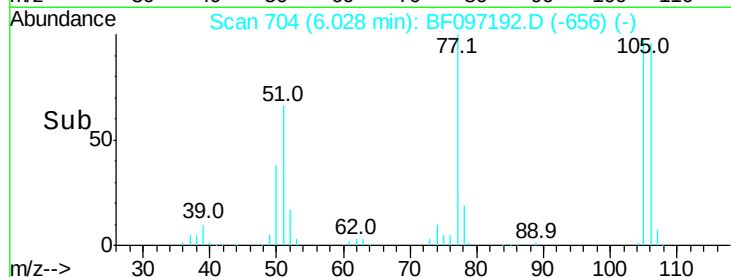
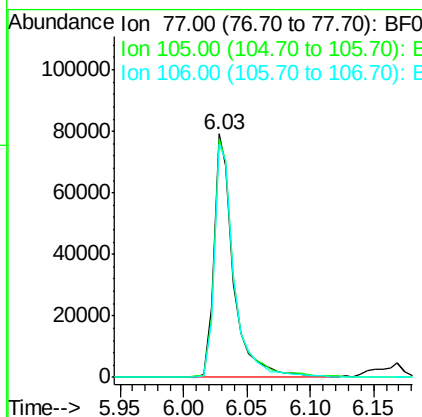
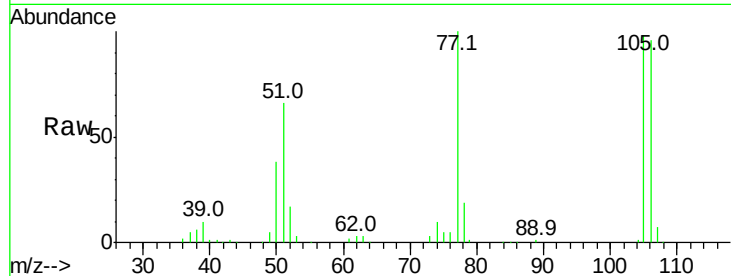


#9
Benzaldehyde
Concen: 18.017 ng
RT: 6.03 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

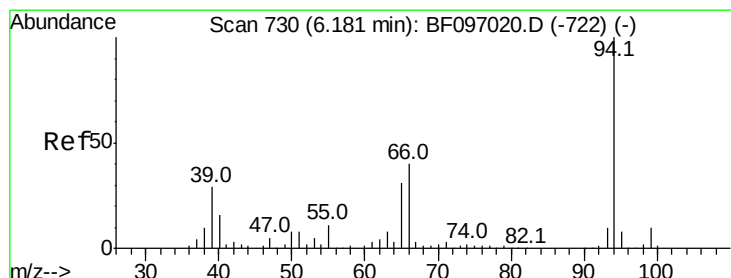
Tot Ion: 77 Resp: 86170
Ion Ratio Lower Upper
77 100
105 98.0 83.8 123.8
106 95.6 79.1 119.1

Manual Integrations
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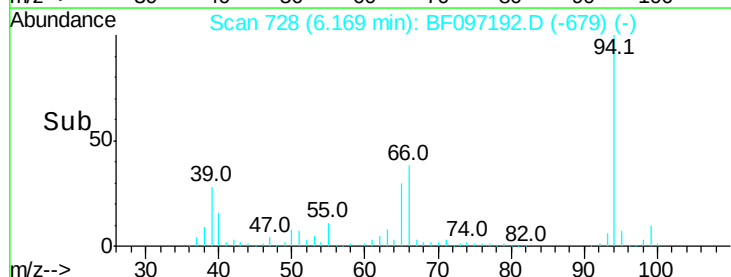
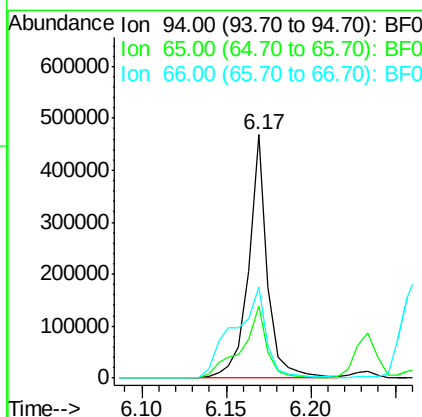
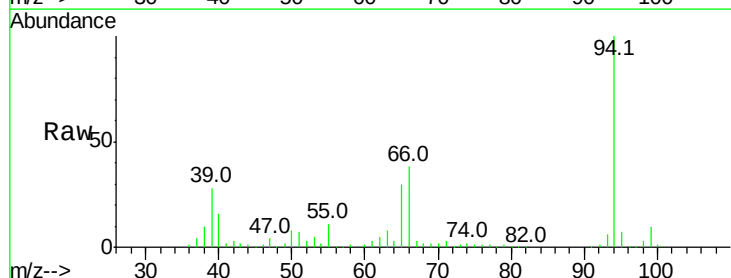
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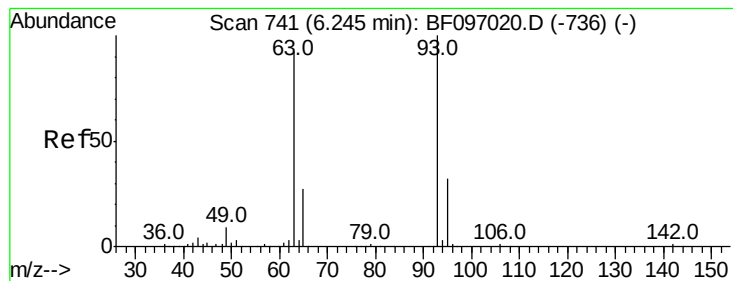
7/31/2017 6:53:11 PM



#10
Phenol
Concen: 38.213 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion: 94 Resp: 366252
Ion Ratio Lower Upper
94 100
65 29.6 9.9 49.9
66 37.7 23.1 63.1



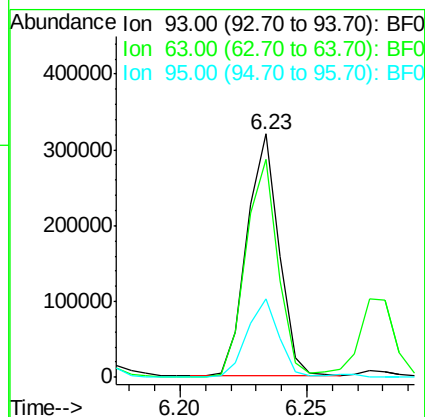
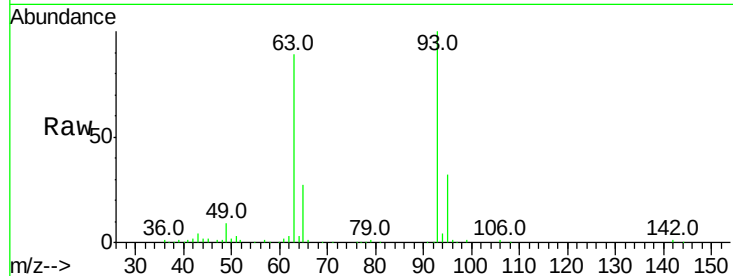


#11
bis(2-Chloroethyl)ether
Concen: 36.938 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

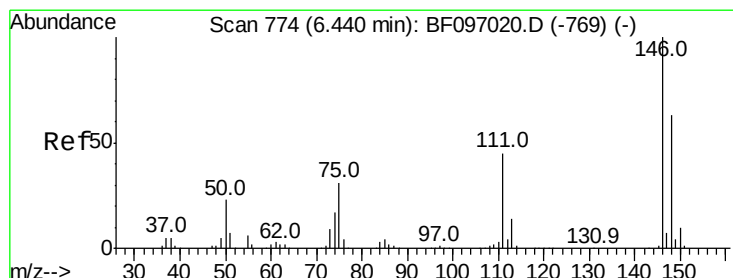
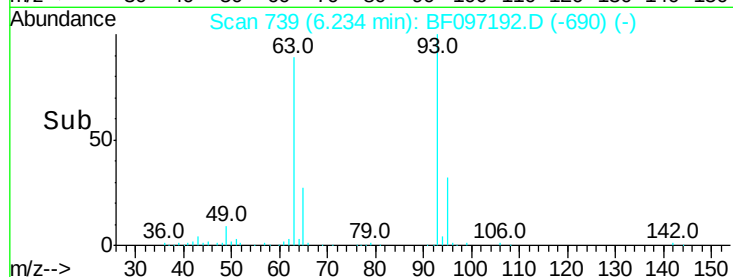
Tot Ion	93	Resp	280006
Ion Ratio	100	Lower	Upper
93	100		
63	89.3	59.2	99.2
95	32.2	12.8	52.8

Manual Integrations
APPROVED



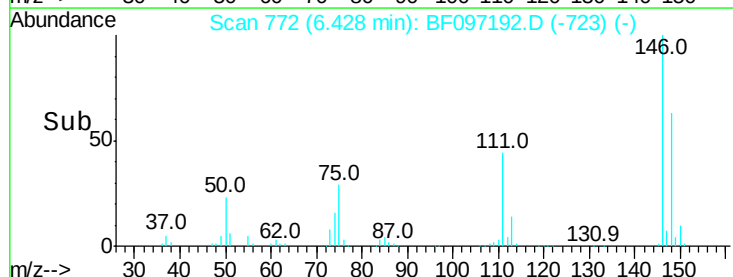
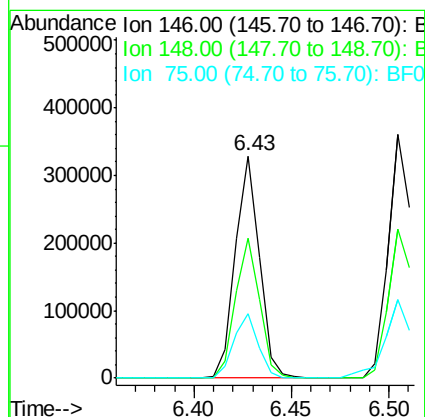
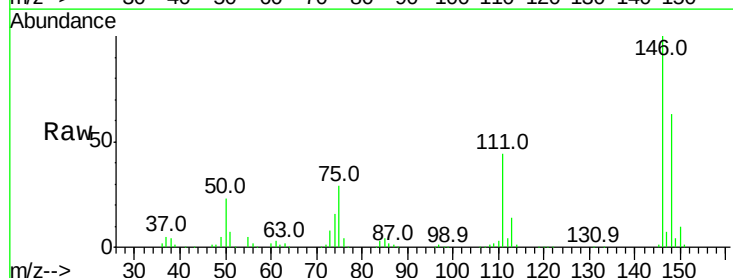
Sohil

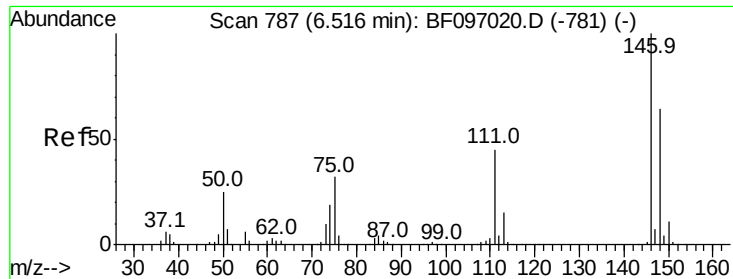
7/31/2017 6:53:11 PM



#12
1,3-Dichlorobenzene
Concen: 34.718 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	146	Resp	283164
Ion Ratio	100	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	29.0	23.1	34.7



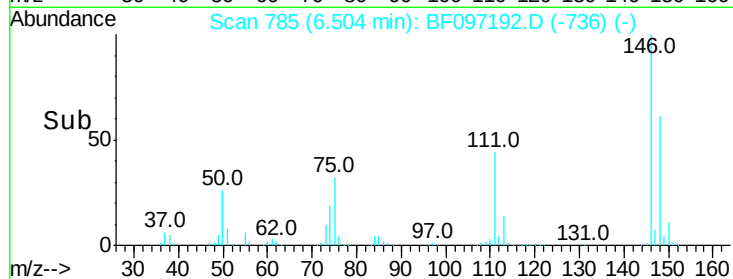
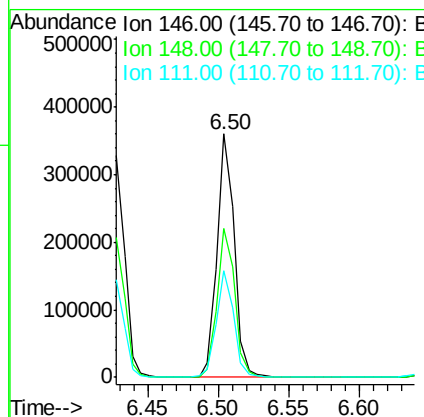
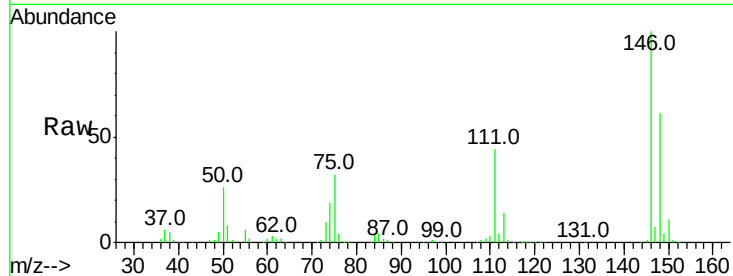


#13
 1,4-Dichlorobenzene
 Concen: 38.089 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Instrument :
 BNA_F
 ClientSampled :
 E2-HS5-BASE

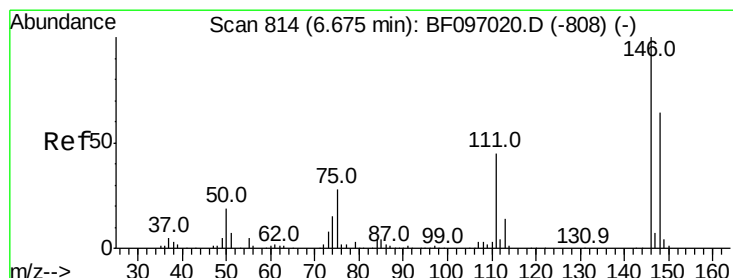
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.4	52.2	78.2
111	44.0	30.3	45.5

Manual Integrations
 APPROVED



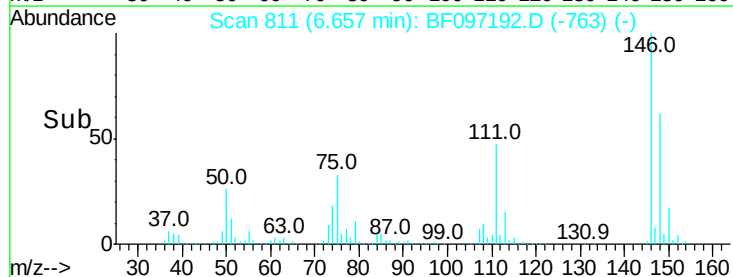
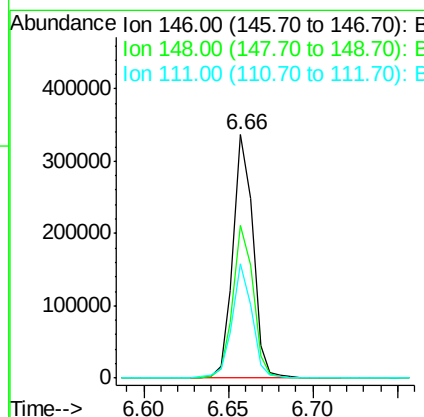
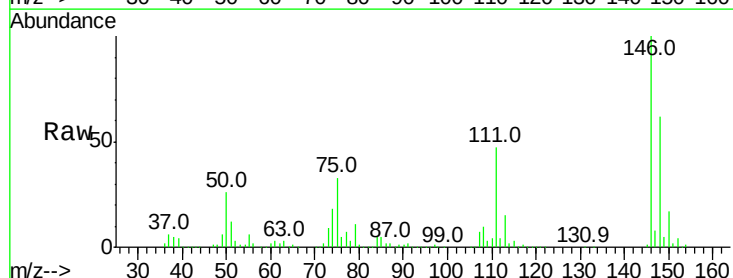
Sohil

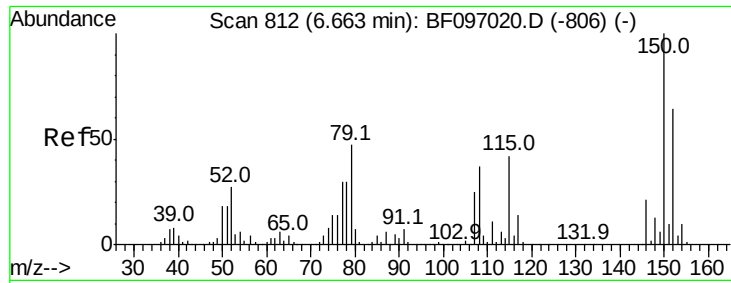
7/31/2017 6:53:11 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.322 ng
 RT: 6.66 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.4	75.6
111	46.8	38.2	57.4



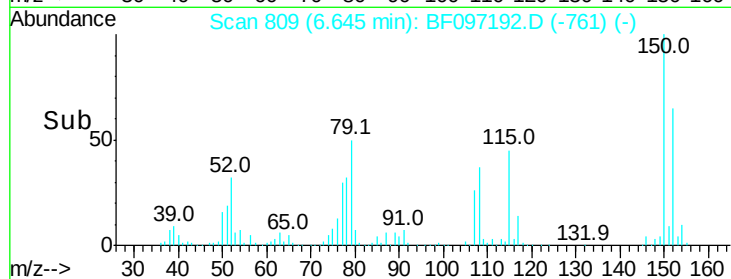
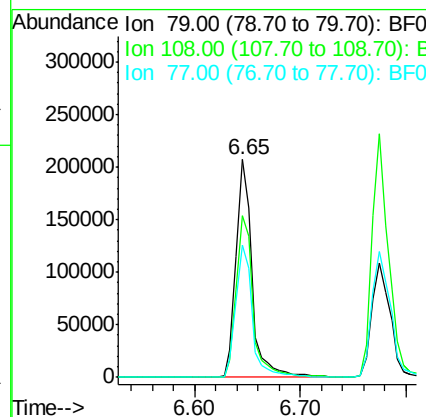
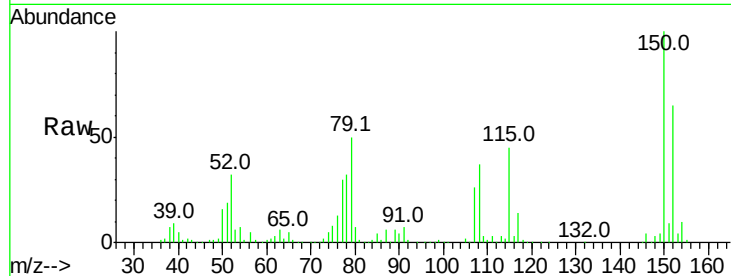


#15
Benzyl Alcohol
Concen: 42.445 ng
RT: 6.65 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

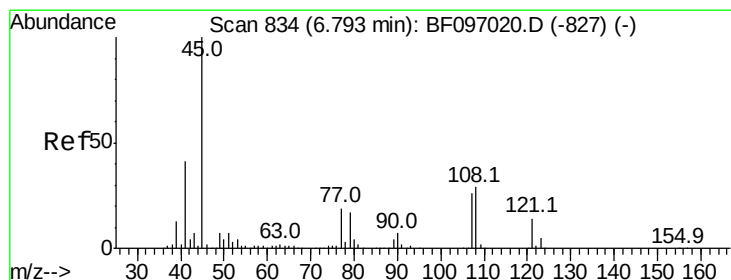
Tot Ion	Ratio	Lower	Upper
79	100		
108	74.4	63.4	95.0
77	60.5	49.2	73.8

Manual Integrations
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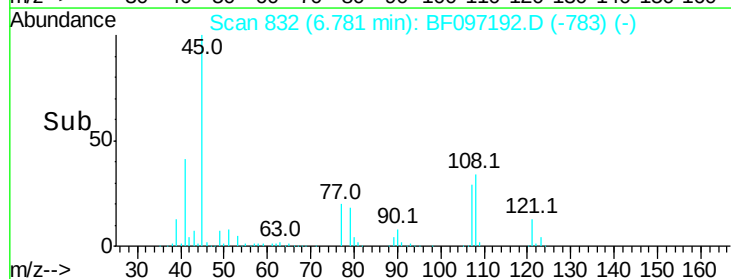
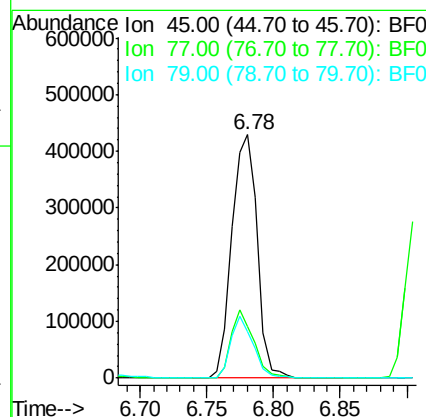
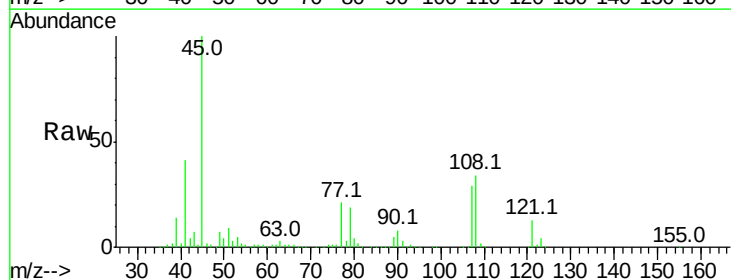
Sohil

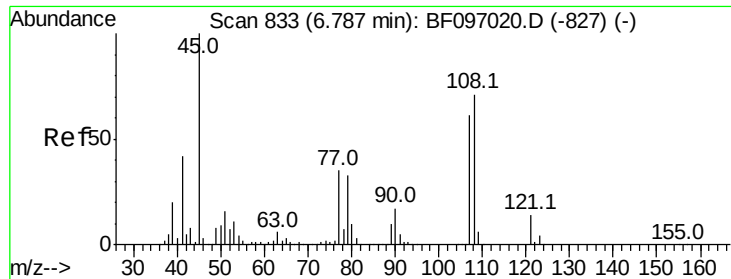
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.847 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.0	0.0	33.2
79	18.9	0.0	30.0



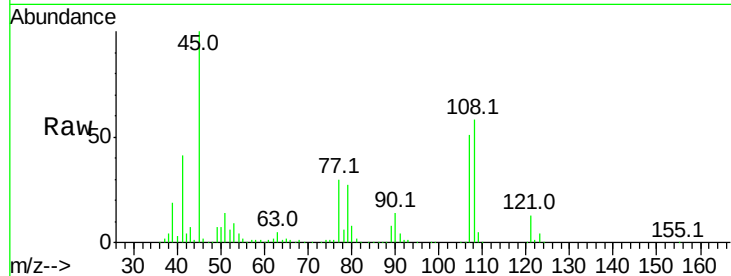


#17
2-Methylphenol
Concen: 37.547 ng
RT: 6.77 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	93.4	140.0	
77	59.6	35.8	53.6#	
79	53.8	34.8	52.2#	

Manual Integrations
APPROVED



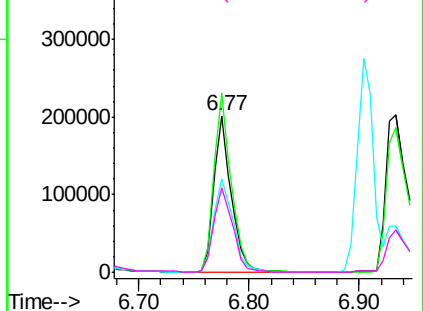
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

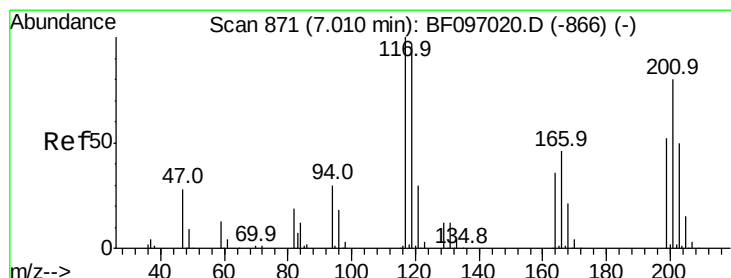
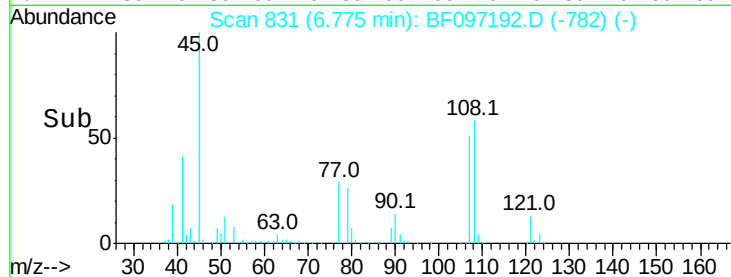
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Sohil

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#18
Hexachloroethane
Concen: 27.046 ng
RT: 7.00 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

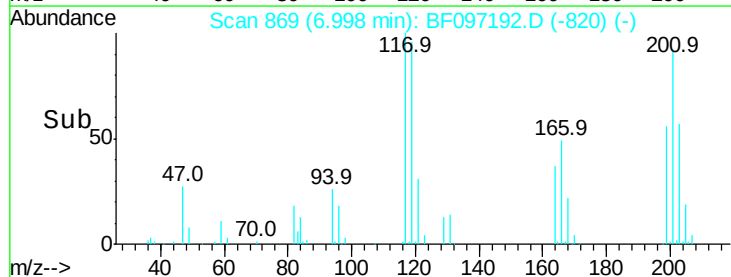
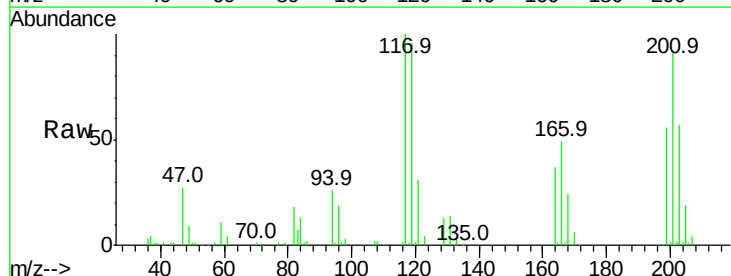
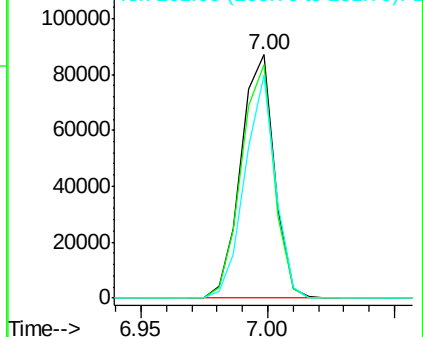
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.4	116.0	
201	91.8	94.6	141.8#	

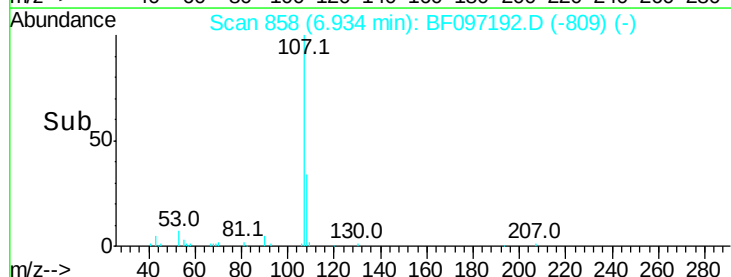
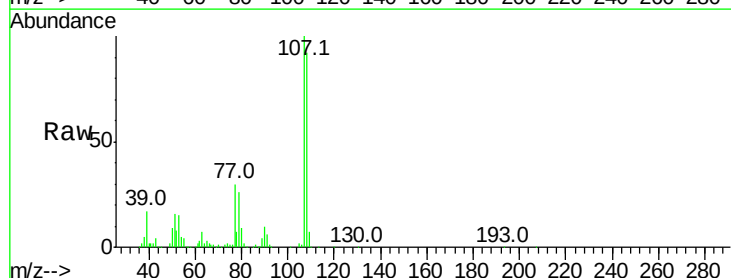
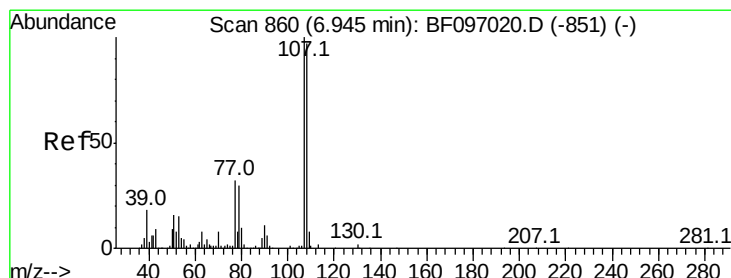
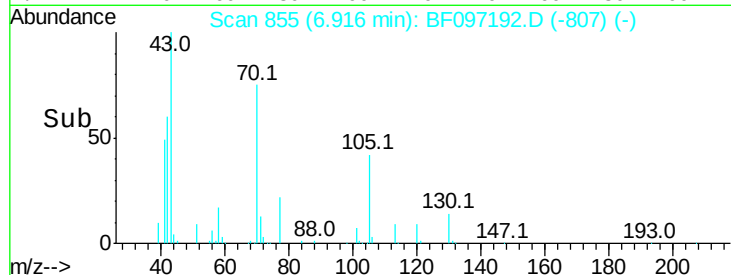
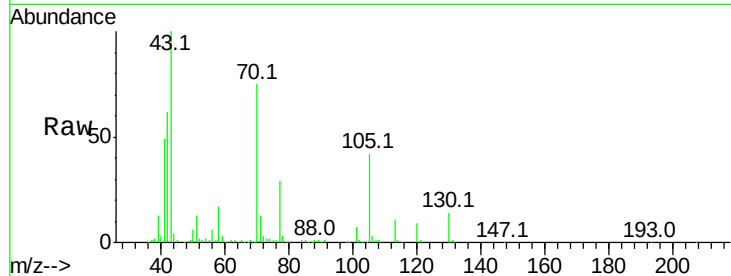
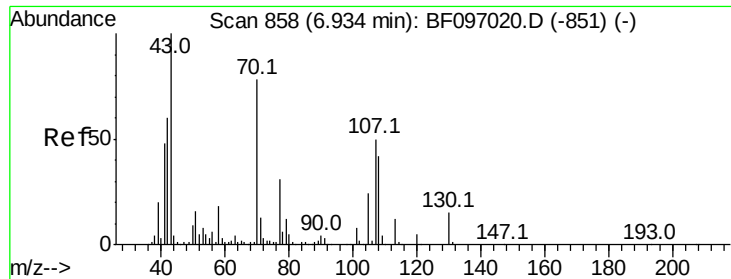
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

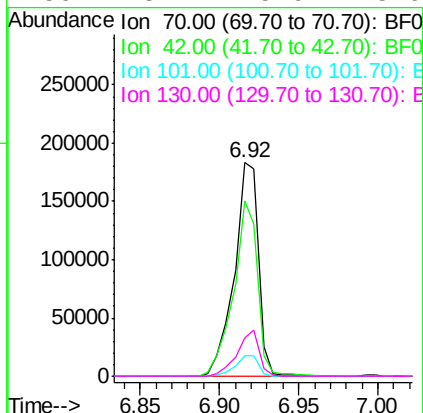
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.472 ng
RT: 6.92 min Scan# 855
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	82.4	47.2	70.8#		
101	9.5	7.2	10.8		
130	18.1	15.9	23.9		



Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

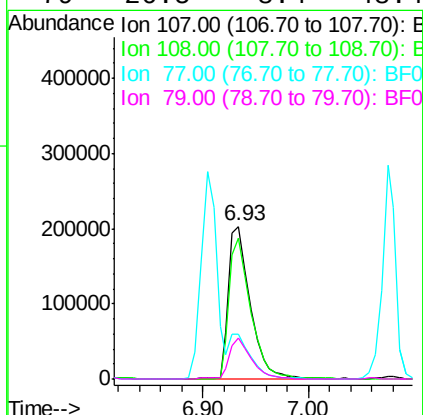
Manual Integrations
APPROVED

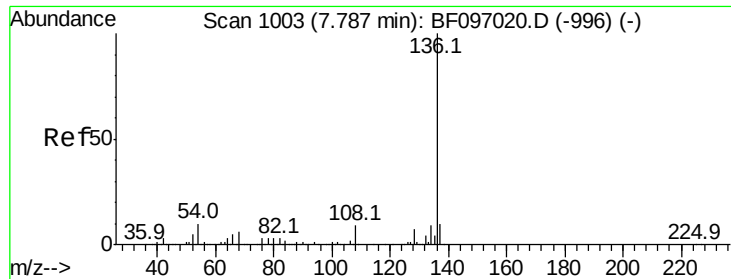
Sohil

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#20
3+4-Methylphenols
Concen: 38.293 ng
RT: 6.93 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.2	71.0	111.0		
77	29.6	90.5	130.5#		
79	26.5	8.4	48.4		



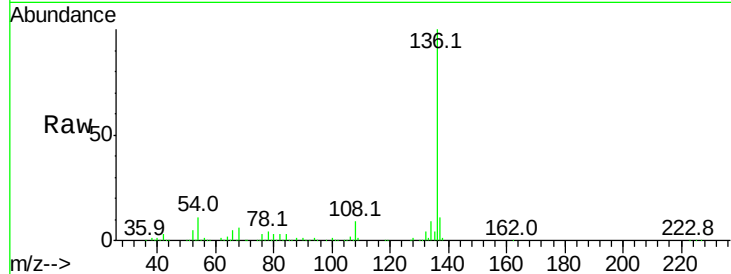


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	10.8	4.9	7.3	
68	5.9	4.1	6.1	

Manual Integrations
APPROVED



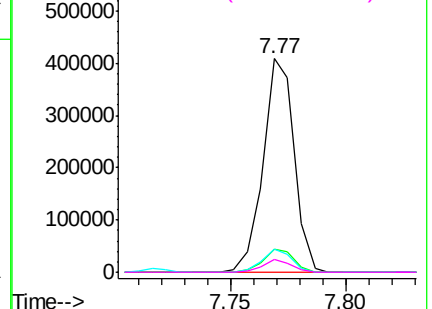
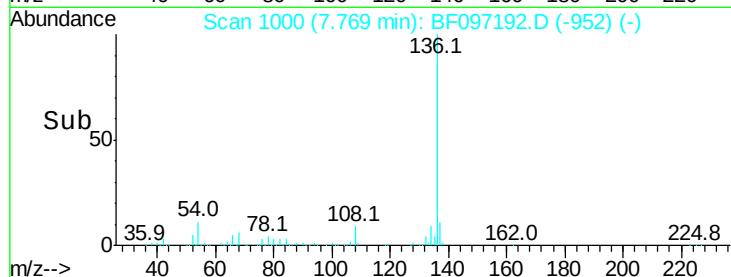
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

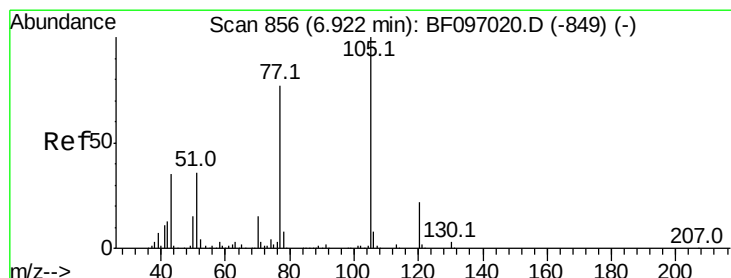
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



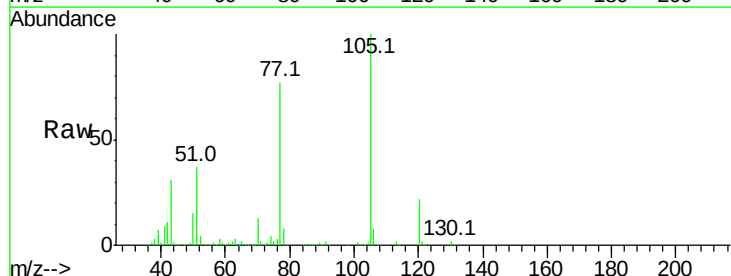
Sohil

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#22
Acetophenone
Concen: 40.477 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	2.8	4.2	
51	36.6	30.7	46.1	
120	22.2	17.4	26.0	



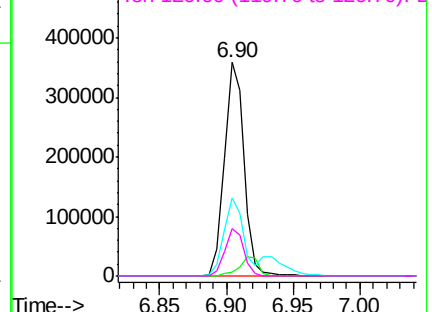
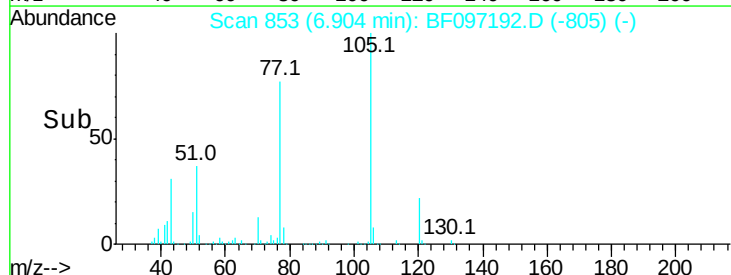
Abundance

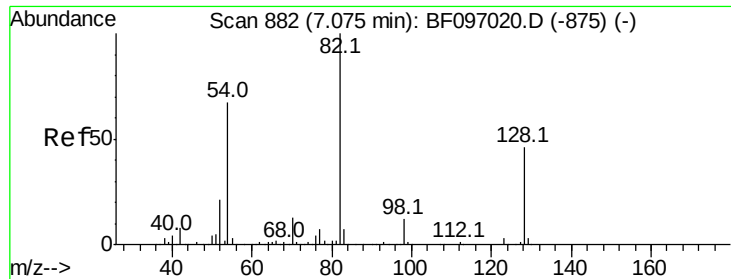
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



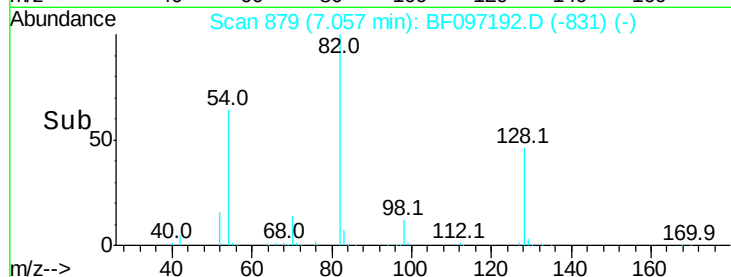
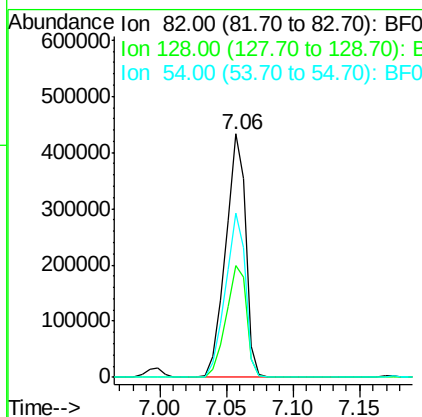
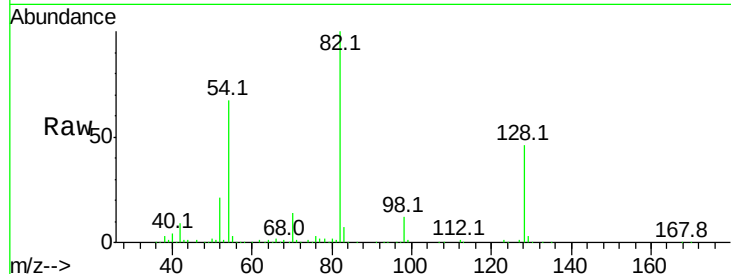


#23
Nitrobenzene-d5
Concen: 70.479 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

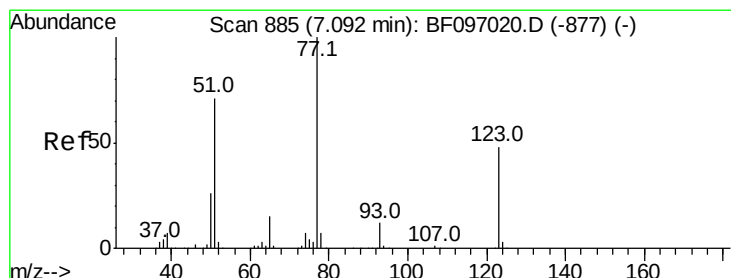
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	67.3	42.2	63.2

Manual Integrations
APPROVED



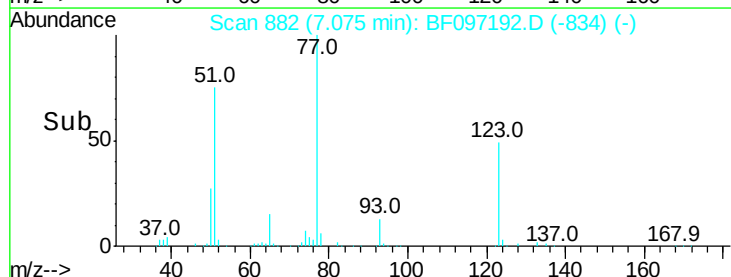
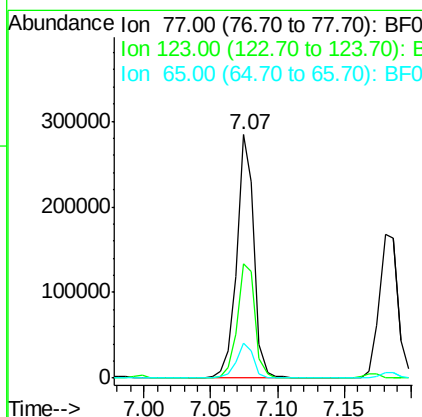
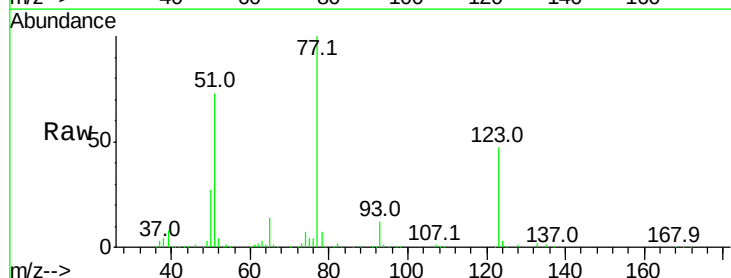
Sohil

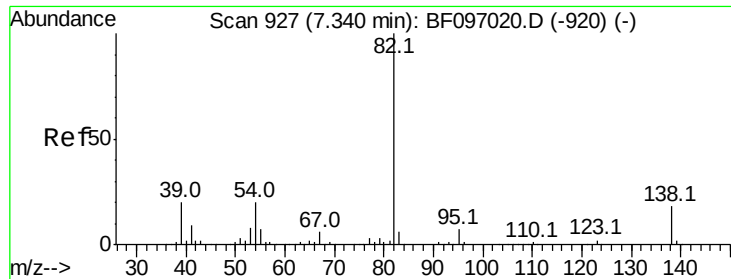
7/31/2017 6:53:11 PM



#24
Nitrobenzene
Concen: 37.439 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.8	35.8	53.8
65	14.3	10.6	15.8





#25

Isophorone

Concen: 34.587 ng

RT: 7.32 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

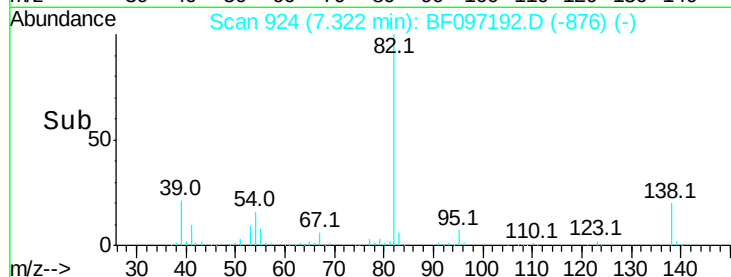
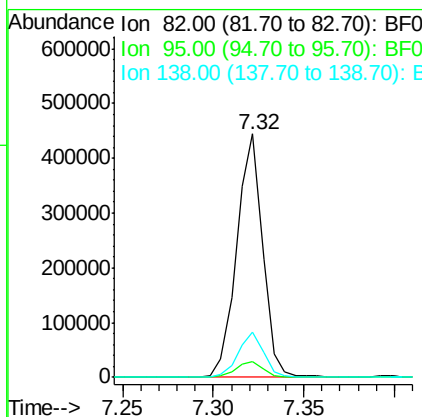
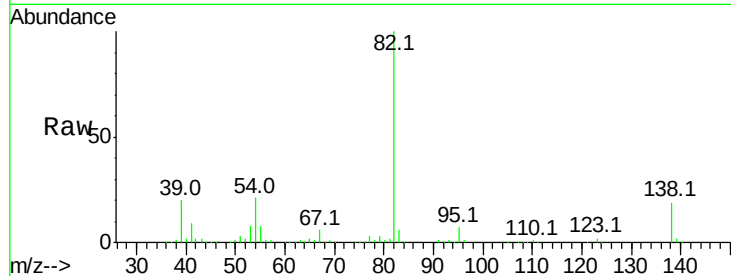
BNA_F

ClientSampleId :

E2-HS5-BASE

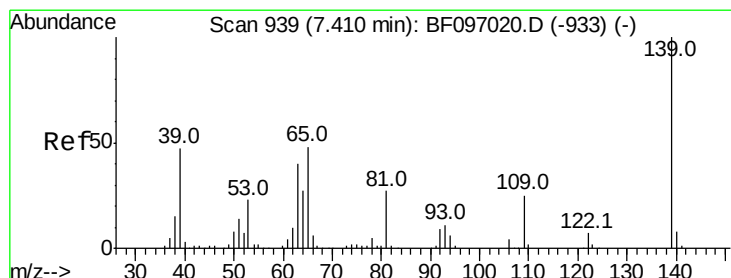
Tot Ion:	82	Resp:	443767
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.5	13.1	19.7

Manual Integrations
APPROVED



Sohil

7/31/2017 6:53:11 PM



#26

2-Nitrophenol

Concen: 32.288 ng

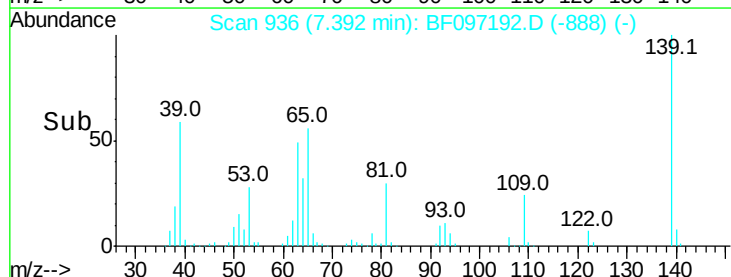
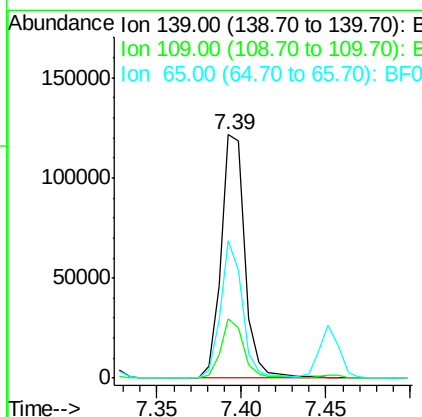
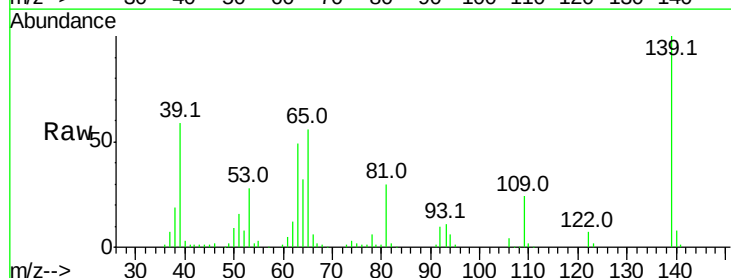
RT: 7.39 min Scan# 936

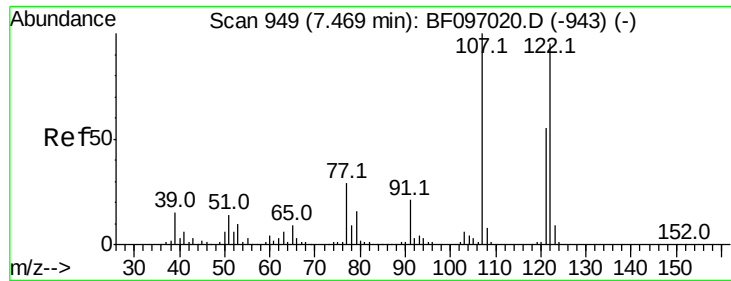
Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Tgt Ion:	139	Resp:	119192
Ion Ratio	Lower	Upper	
139	100		
109	24.3	21.0	31.6
65	56.4	33.0	49.6#



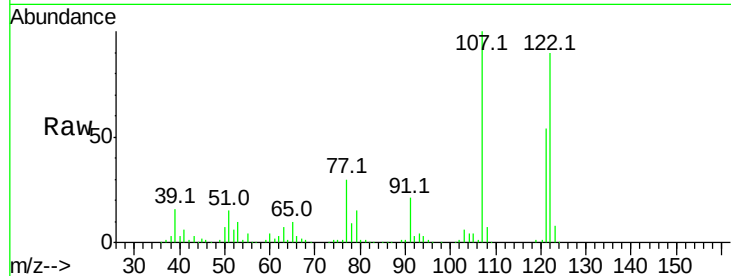


#27
2,4-Dimethylphenol
Concen: 35.243 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

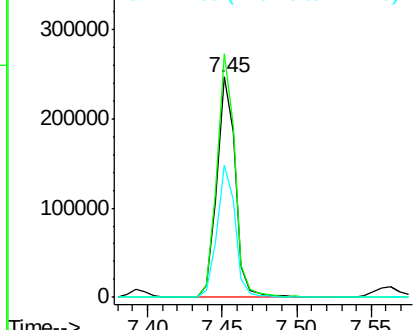
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	89.2	133.8
121	59.8	45.2	67.8

Manual Integrations
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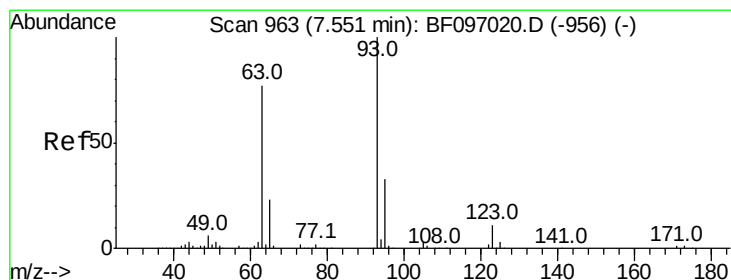
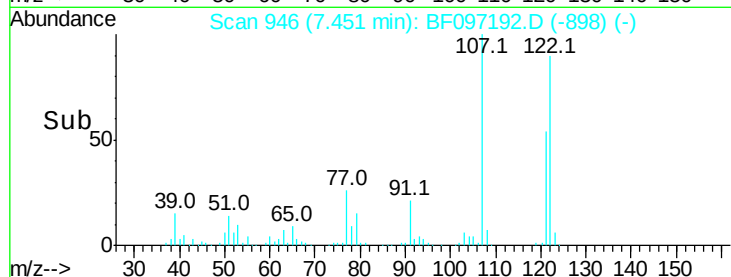


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



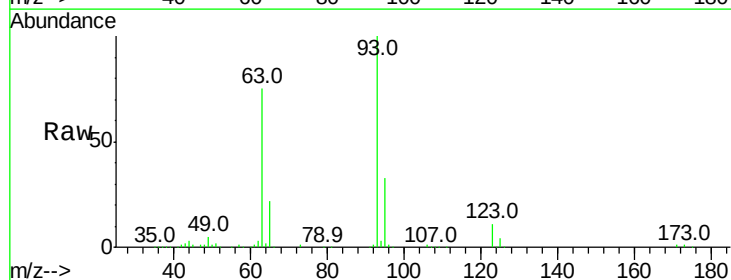
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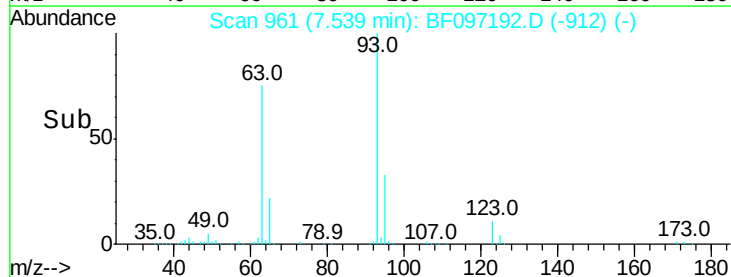
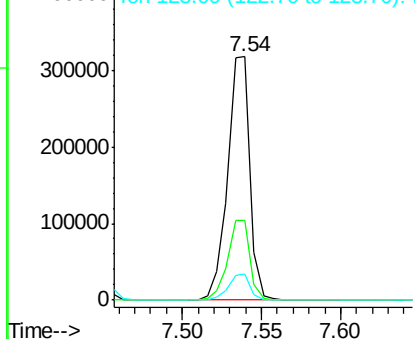


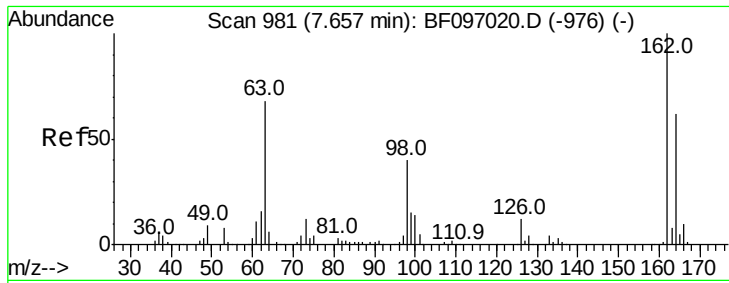
#28
bis(2-Chloroethoxy)methane
Concen: 36.852 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.9	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E



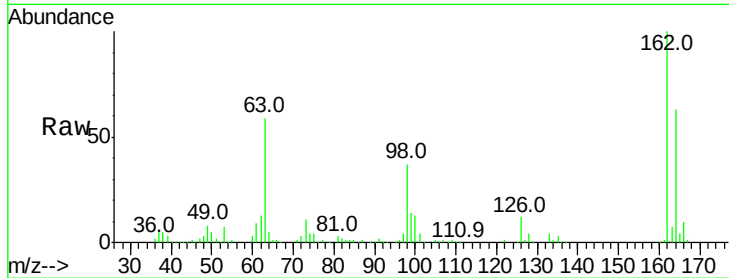


#29
 2,4-Dichlorophenol
 Concen: 38.600 ng
 RT: 7.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

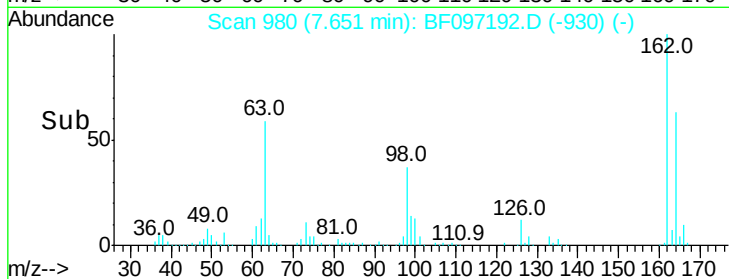
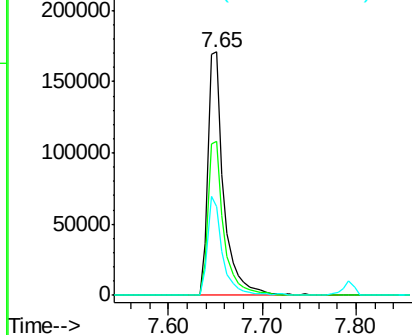
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.4	44.6	84.6	
98	36.6	14.8	54.8	

Manual Integrations
 APPROVED

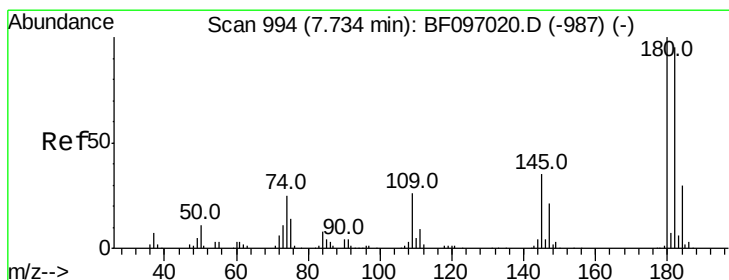


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



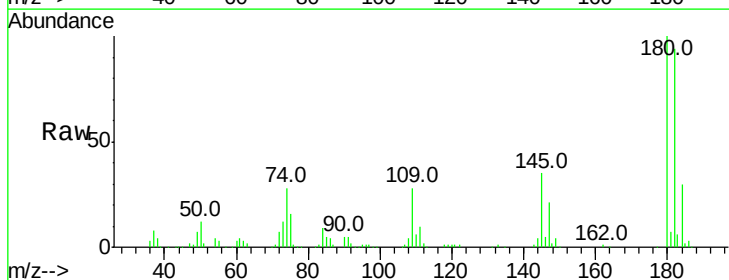
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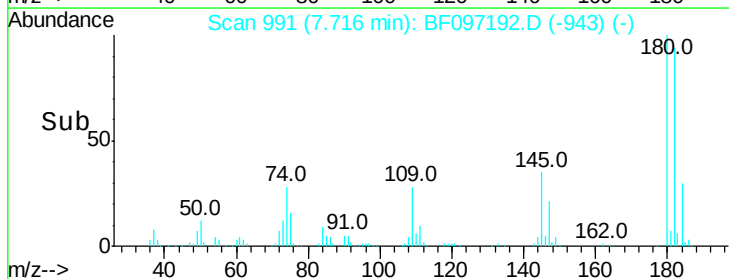
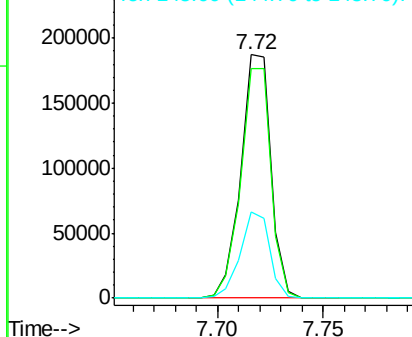


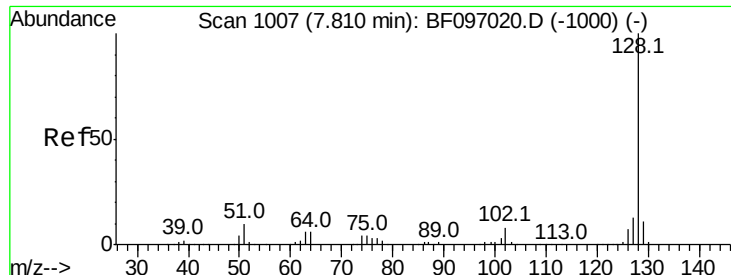
#30
 1,2,4-Trichlorobenzene
 Concen: 37.020 ng
 RT: 7.72 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.3	75.8	113.6	
145	35.5	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



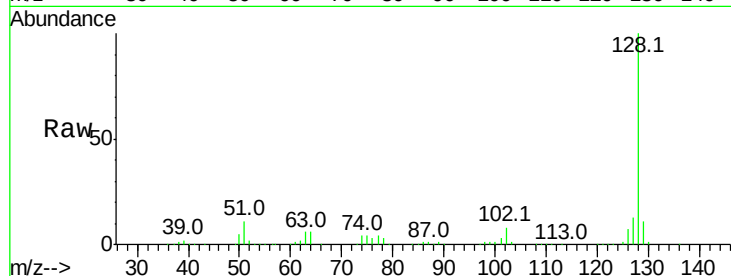


#31
Naphthalene
Concen: 37.486 ng
RT: 7.79 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

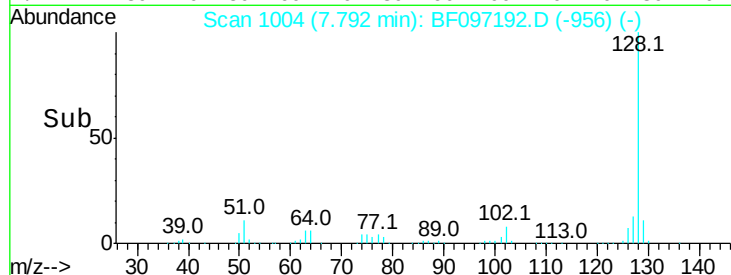
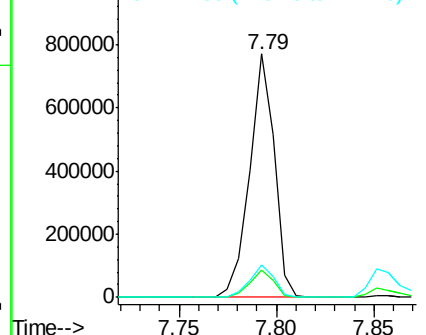
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.6	
127	13.2	10.8	16.2	

Manual Integrations
APPROVED

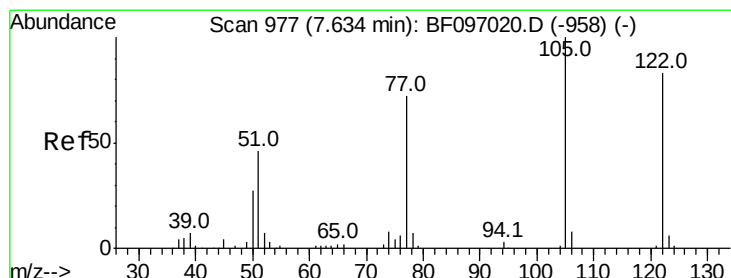


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



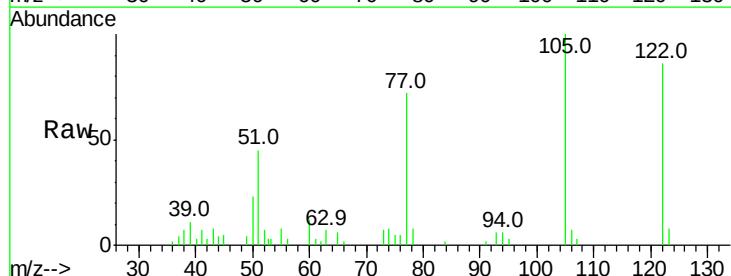
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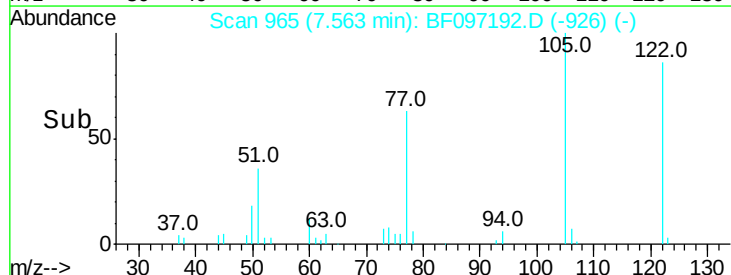
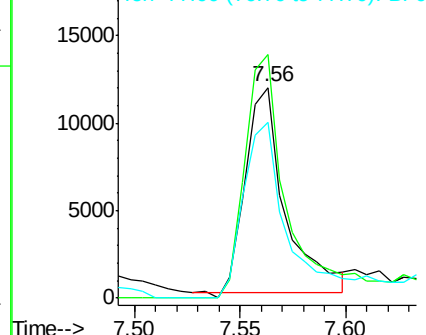


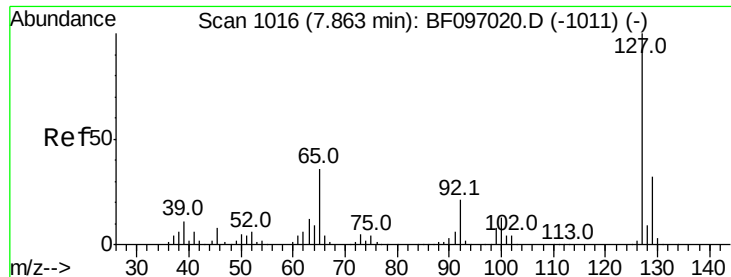
#32
Benzoic acid
Concen: 3.354 ng
RT: 7.56 min Scan# 965
Delta R.T. -0.07 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	115.7	103.3	143.3	
77	83.7	73.7	113.7	



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



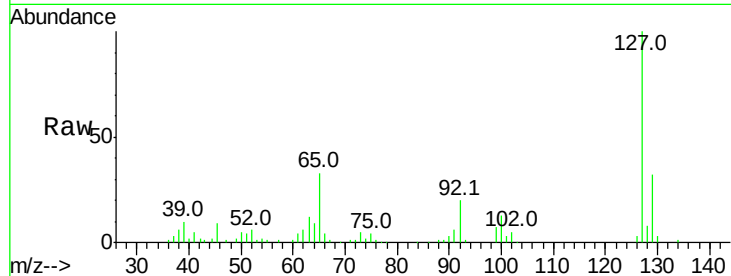


#33
4-Chloroaniline
Concen: 14.231 ng
RT: 7.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

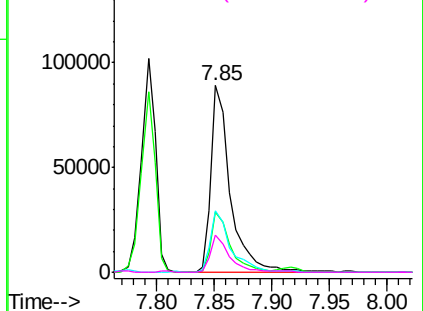
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.2	39.2		
65	33.1	27.8	41.8		
92	19.7	16.8	25.2		

Manual Integrations
APPROVED

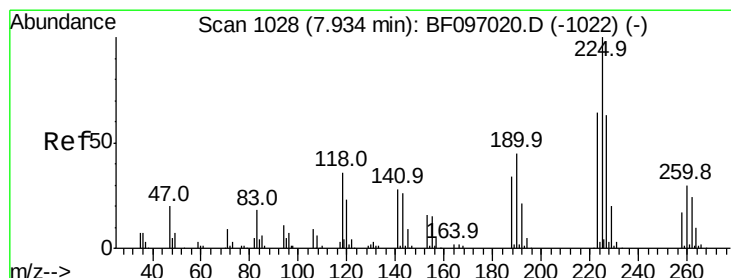
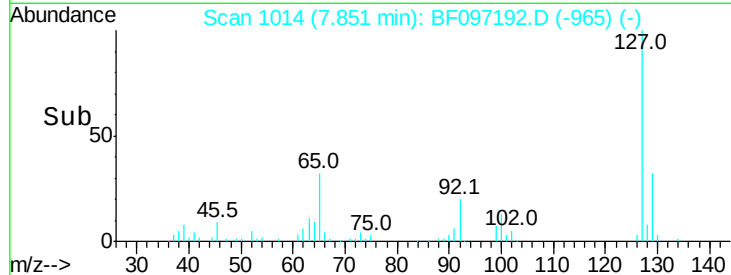


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



Sohil

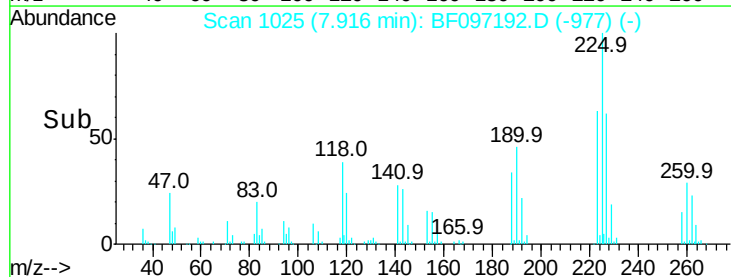
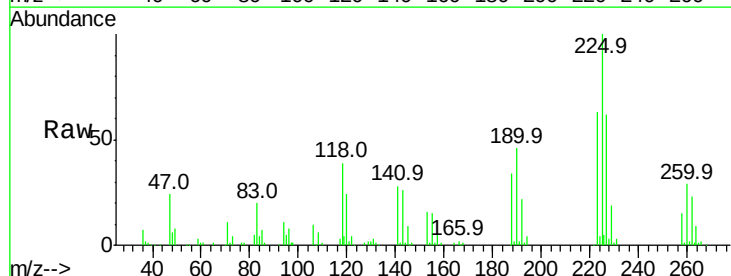
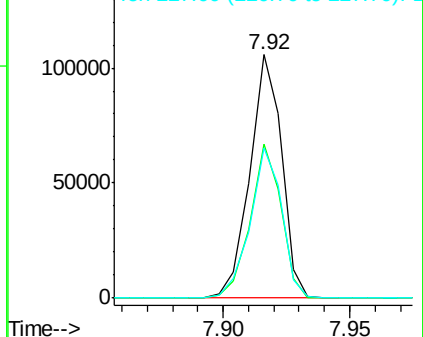
7/31/2017 6:53:11 PM

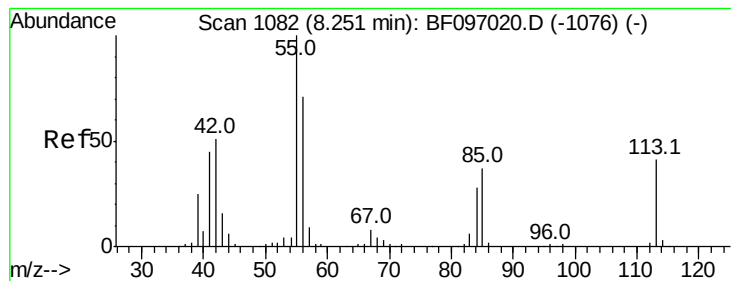


#34
Hexachlorobutadiene
Concen: 34.844 ng
RT: 7.92 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	48.8	73.2		
227	61.5	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: 35.357 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.04 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampled :

E2-HS5-BASE

Tot Ion:113 Resp: 59477

Ion Ratio Lower Upper

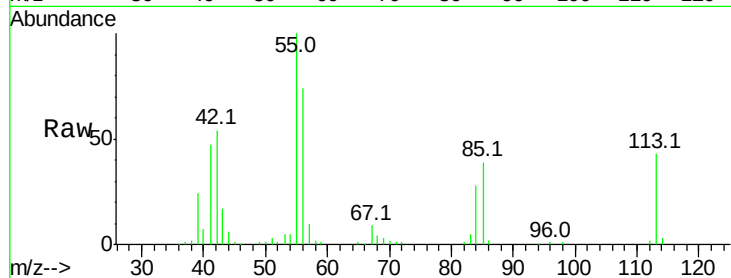
113 100

55 233.2 150.2 190.2#

56 172.7 107.8 147.8#

Manual Integrations

APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

100000

80000

60000

40000

20000

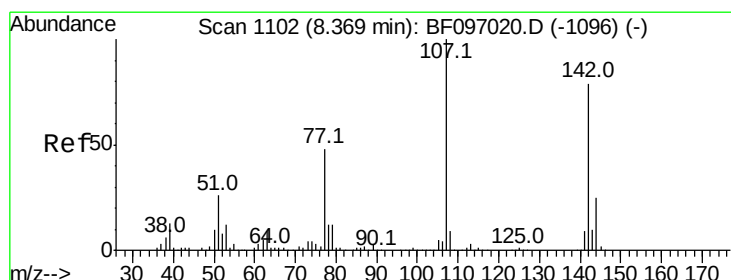
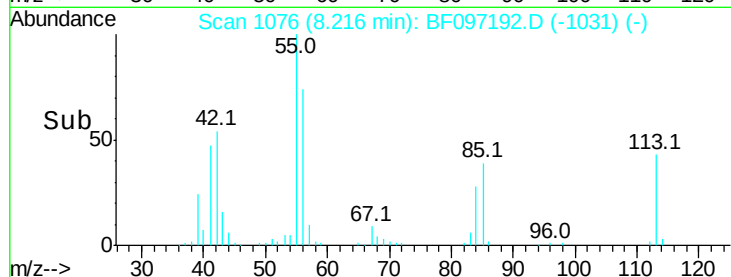
0

8.10 8.20 8.30

Time-->

Sohil

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#36

4-Chloro-3-methylphenol

Concen: 32.047 ng

RT: 8.36 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

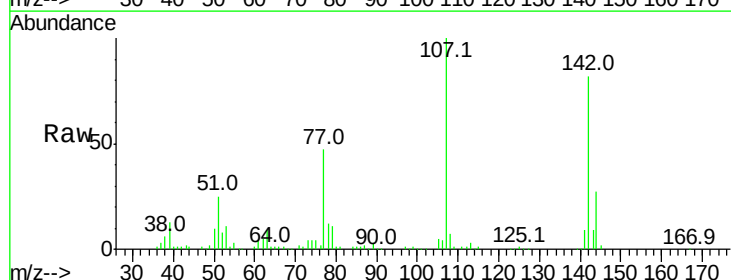
Tgt Ion:107 Resp: 183417

Ion Ratio Lower Upper

107 100

144 27.0 24.2 36.4

142 81.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

600000

500000

400000

300000

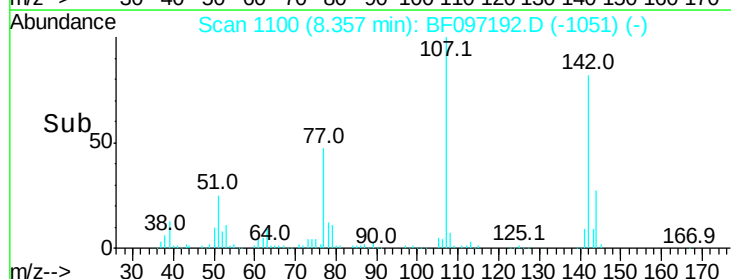
200000

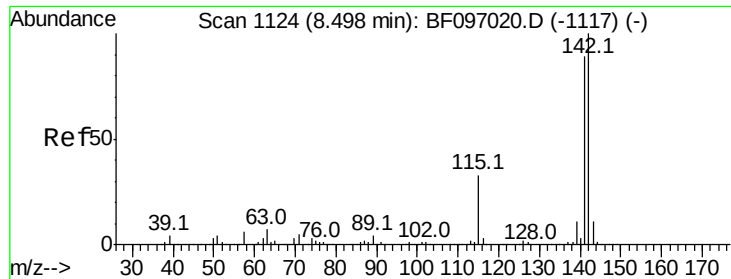
100000

0

8.30 8.35 8.40 8.45

Time-->



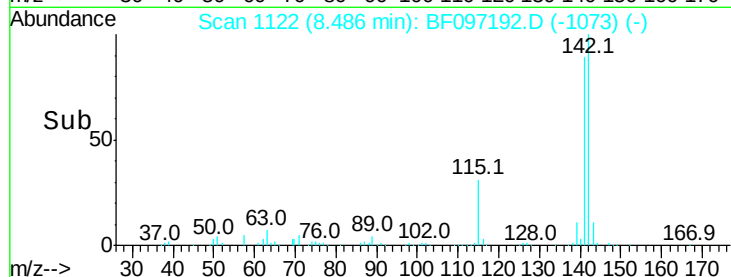
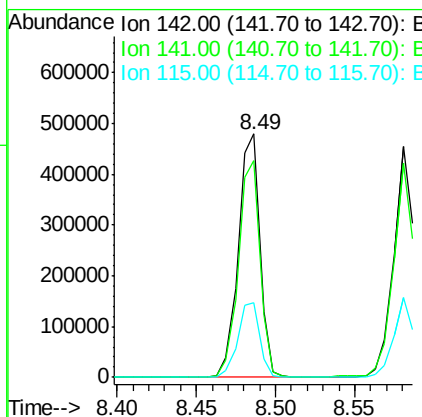
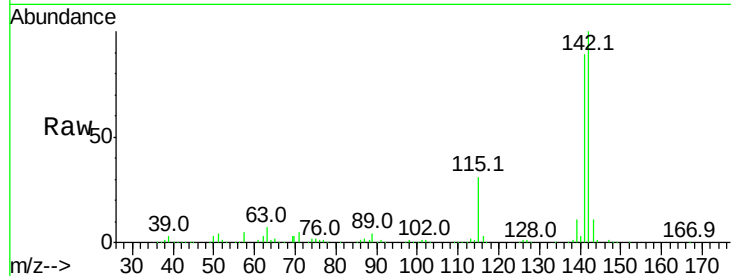


#37
2-Methylnaphthalene
Concen: 39.644 ng
RT: 8.49 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

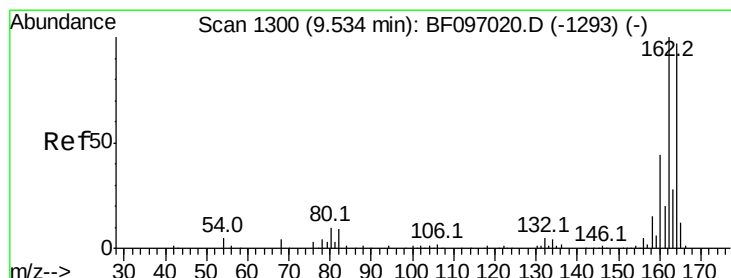
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	30.7	27.1	40.7

Manual Integrations
APPROVED



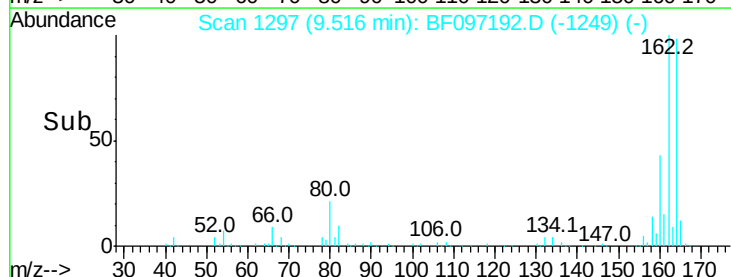
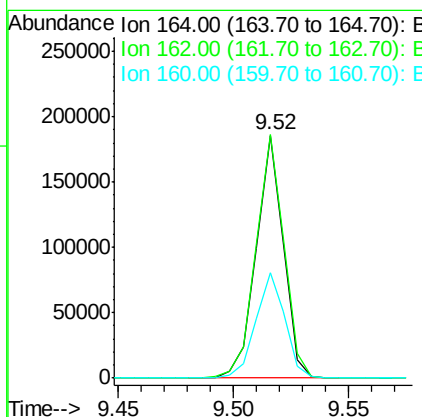
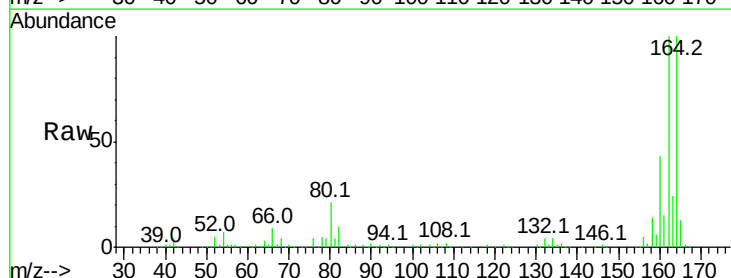
Sohil

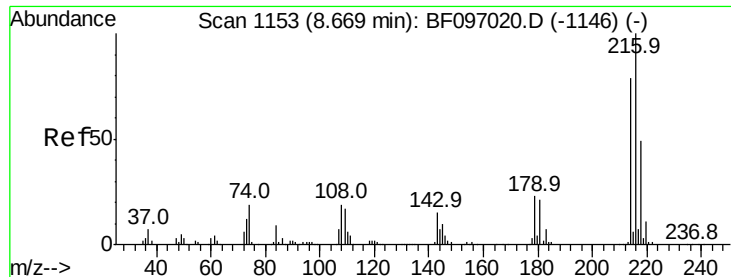
7/31/2017 6:53:11 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.6	123.8
160	43.4	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.875 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

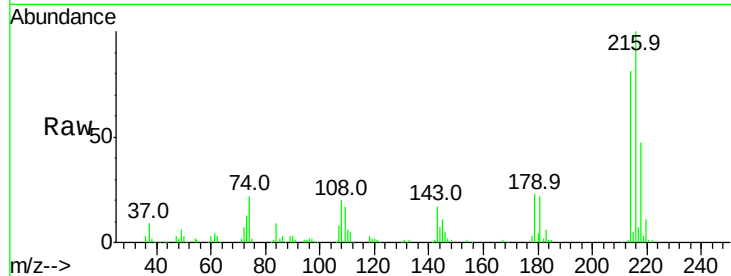
BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
216	100	150400		
214	78.9	63.4	95.2	
179	22.7	17.9	26.9	
108	19.3	16.5	24.7	

Manual Integrations
APPROVED

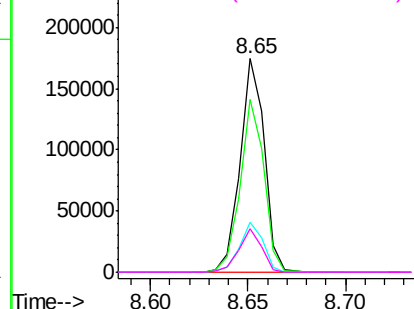
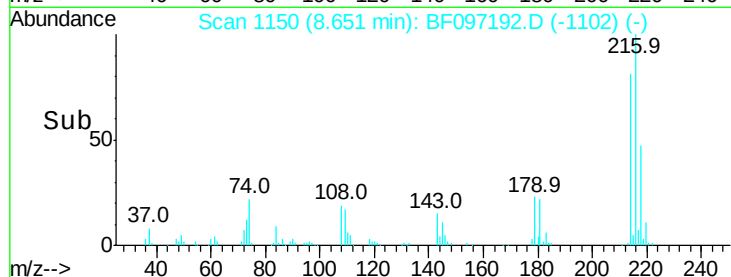


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

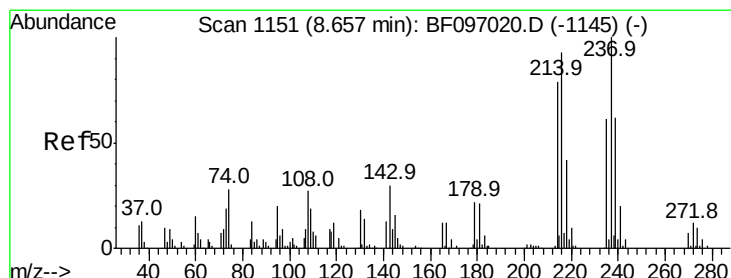
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



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#40

Hexachlorocyclopentadiene

Concen: 8.065 ng

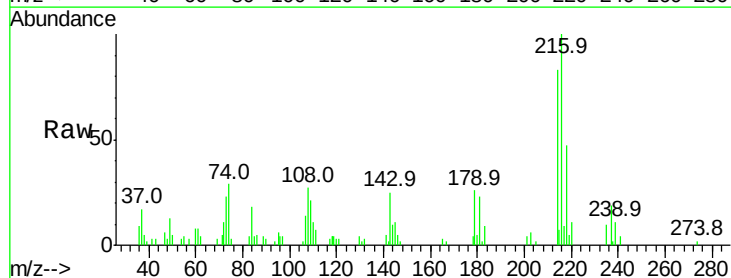
RT: 8.64 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

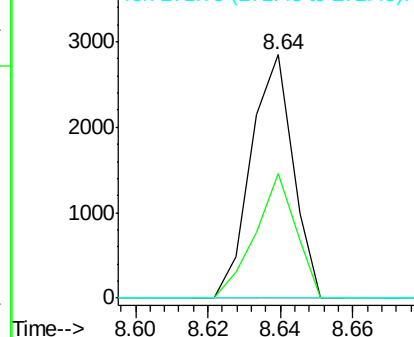
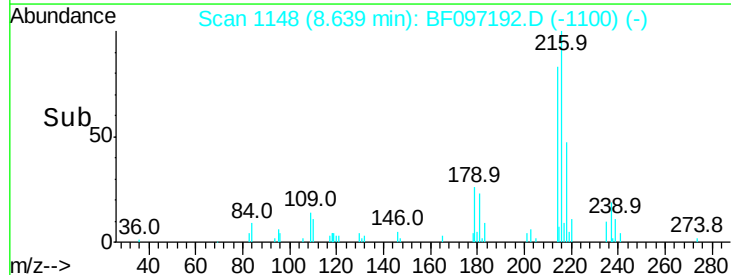
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	2291		
235	51.4	42.6	82.6	
272	0.0	0.0	31.9	

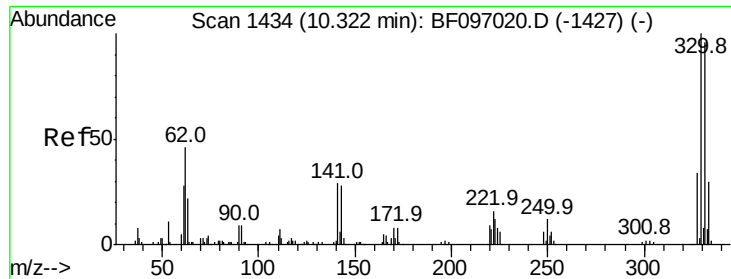


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 92.215 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

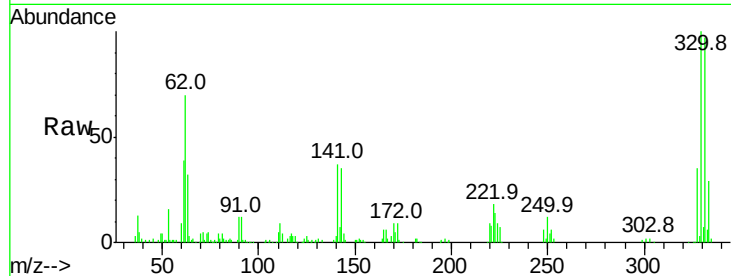
BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.6	115.0	
141	40.4	31.4	47.2	

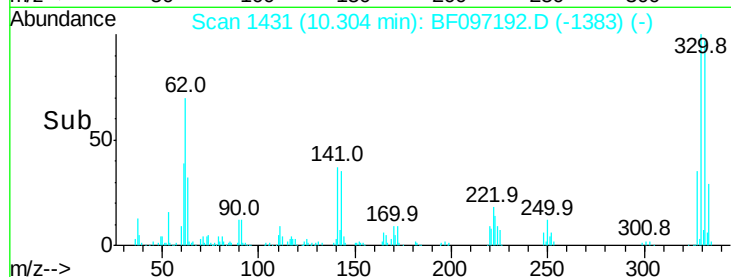
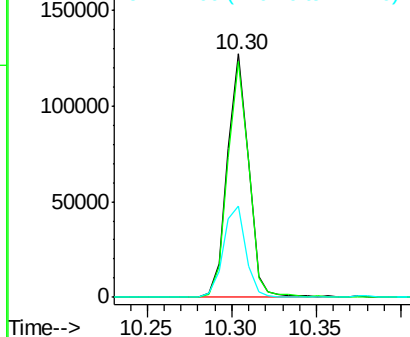
Manual Integrations
APPROVED



Abundance Ion 329.80 (329.50 to 330.50): E

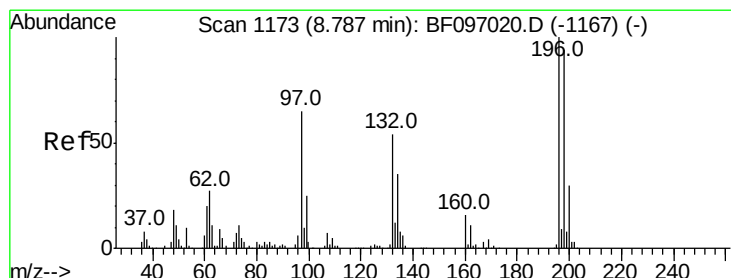
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#42

2,4,6-Trichlorophenol

Concen: 34.046 ng

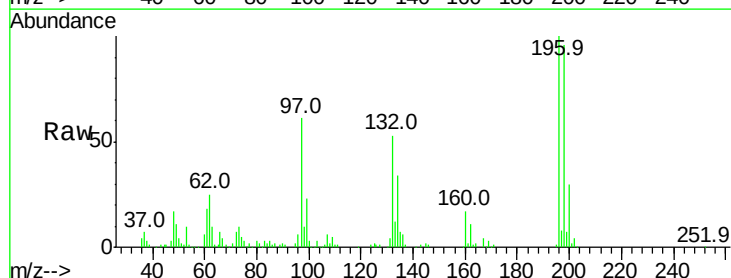
RT: 8.77 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

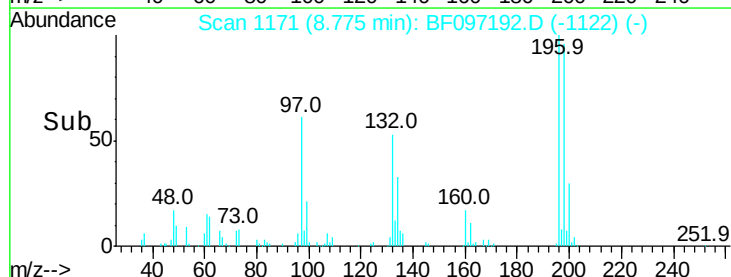
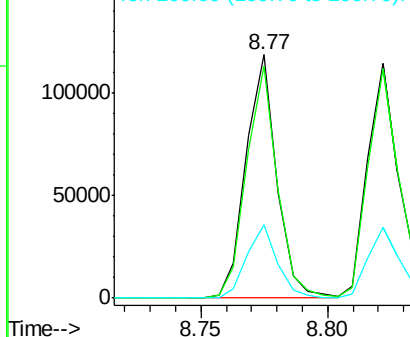
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	74.2	111.4	
200	30.2	24.0	36.0	

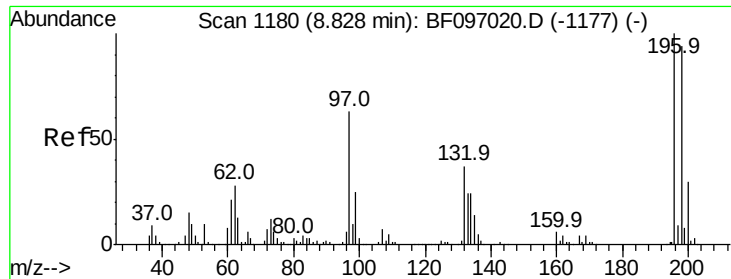


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



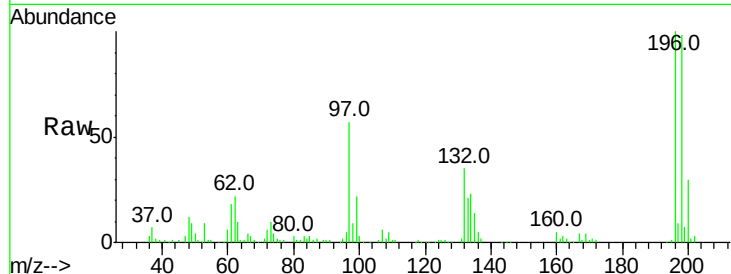


#43
2,4,5-Trichlorophenol
Concen: 35.660 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

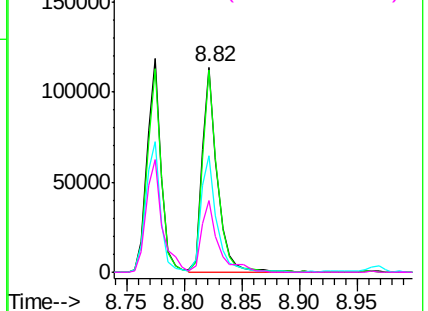
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	196	Resp	105496
Ion Ratio	Lower	Upper	
196	100		
198	98.2	75.7	113.5
97	56.6	47.7	71.5
132	34.9	28.0	42.0

Manual Integrations
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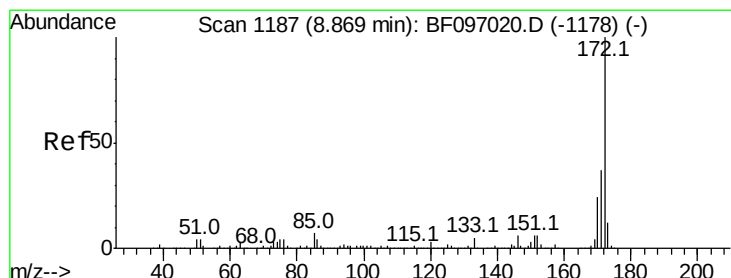
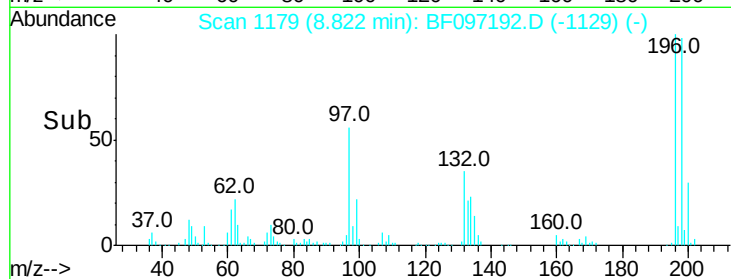


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E



Sohil

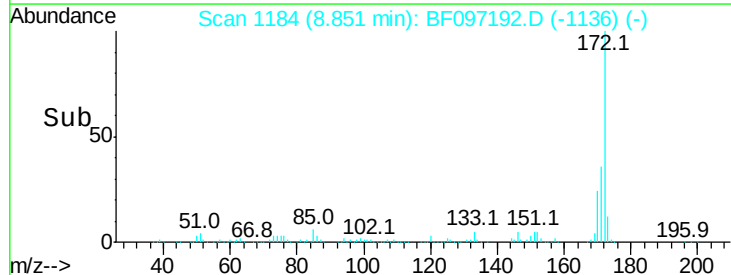
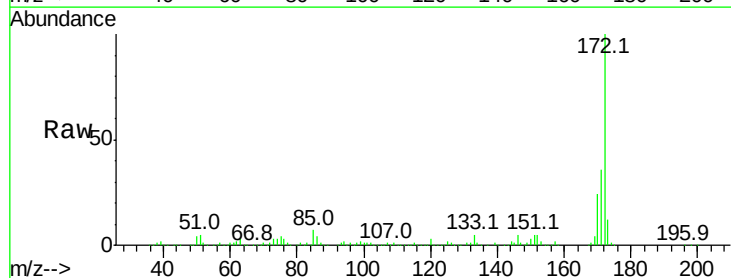
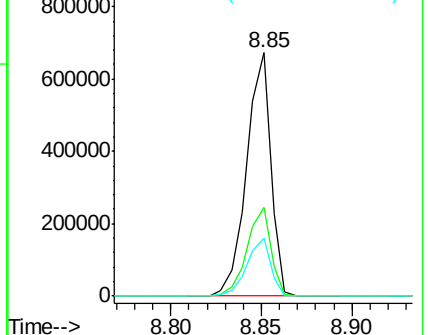
7/31/2017 6:53:11 PM

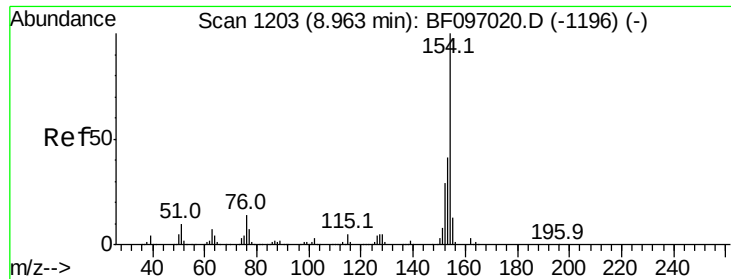


#44
2-Fluorobiphenyl
Concen: 69.680 ng
RT: 8.85 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	172	Resp	627611
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.6	44.4
170	24.1	19.8	29.8

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



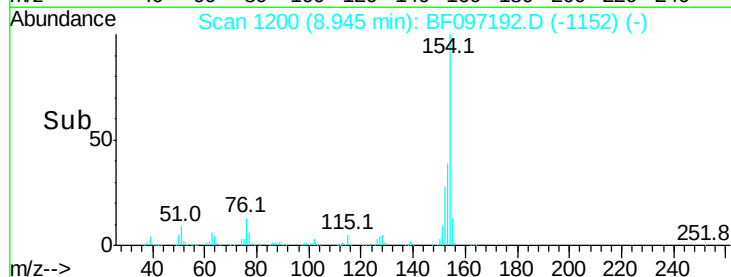
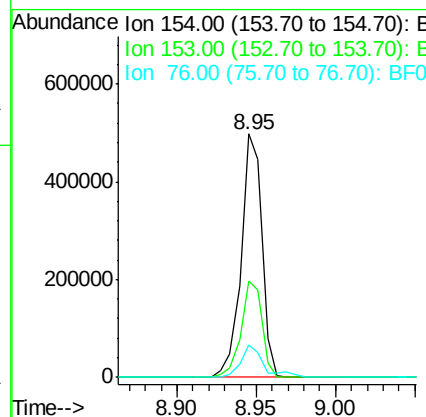
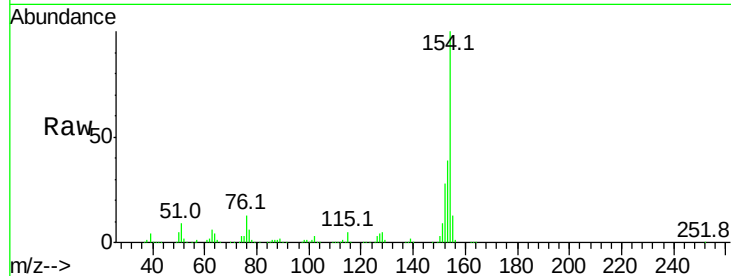


#45
1,1'-Biphenyl
Concen: 34.593 ng
RT: 8.95 min Scan# 1200
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

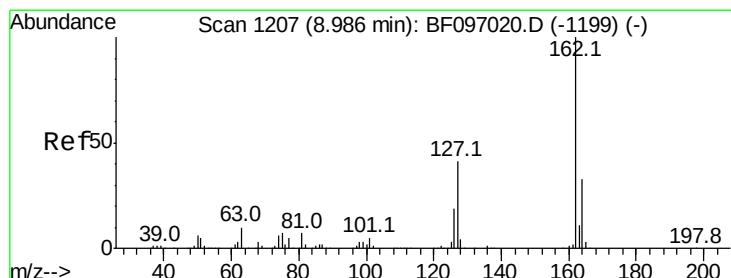
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	21.2	61.2	
76	13.5	0.0	29.9	

Manual Integrations
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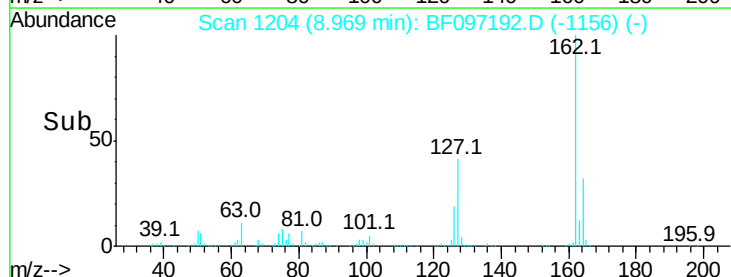
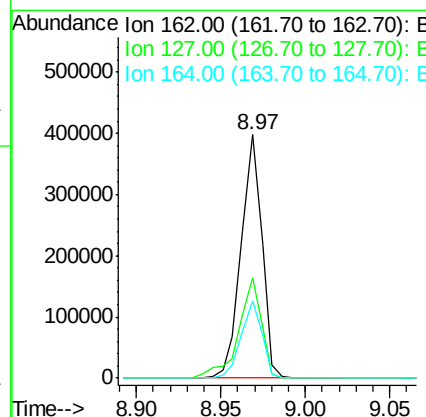
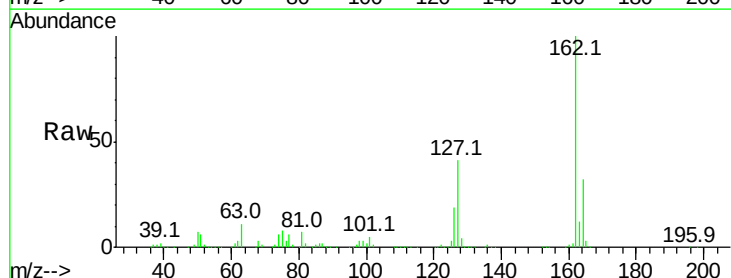
Sohil

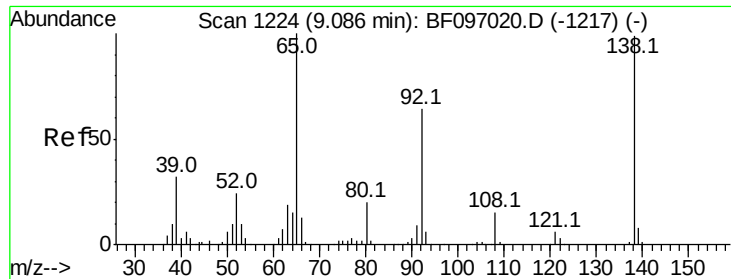
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#46
2-Chloronaphthalene
Concen: 35.468 ng
RT: 8.97 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.4	28.3	42.5	
164	31.9	27.0	40.4	





#47

2-Nitroaniline

Concen: 37.186 ng

RT: 9.07 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

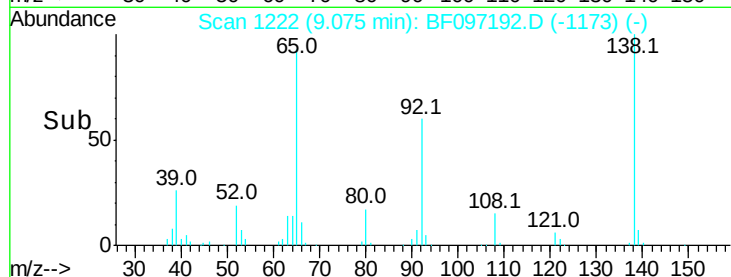
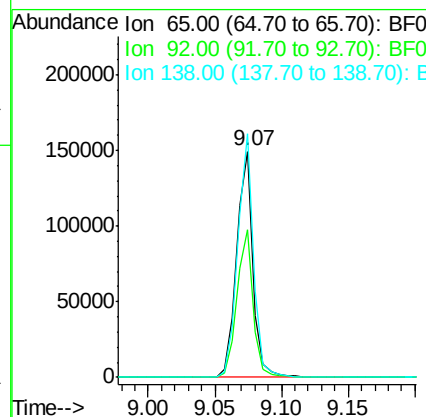
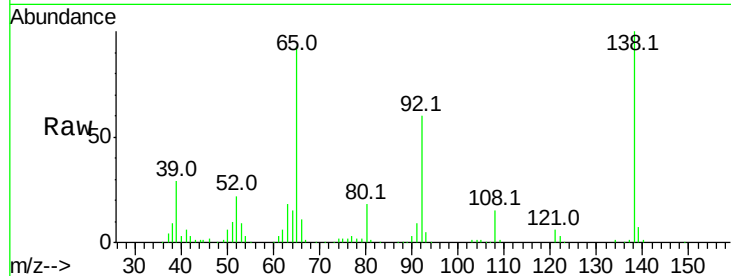
BNA_F

ClientSampleId :

E2-HS5-BASE

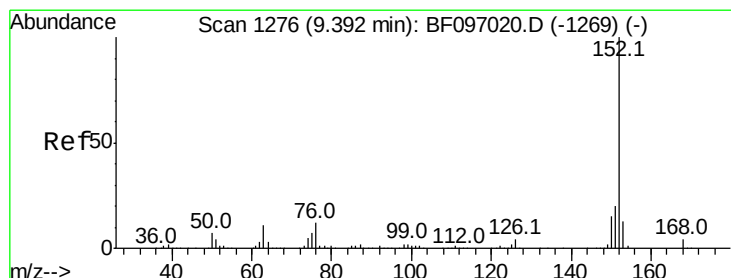
Tot Ion	65	Resp	129661
Ion	Ratio	Lower	Upper
65	100		
92	65.1	53.9	80.9
138	107.6	78.8	118.2

Manual Integrations
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Sohil

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#48

Acenaphthylene

Concen: 34.067 ng

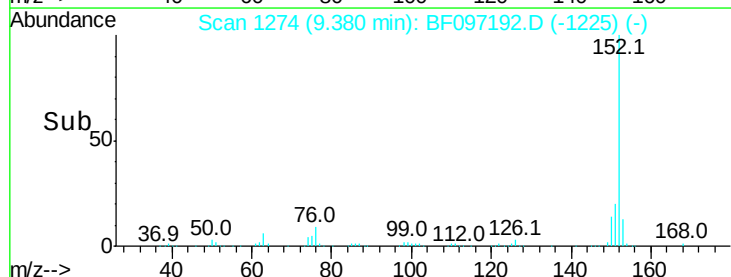
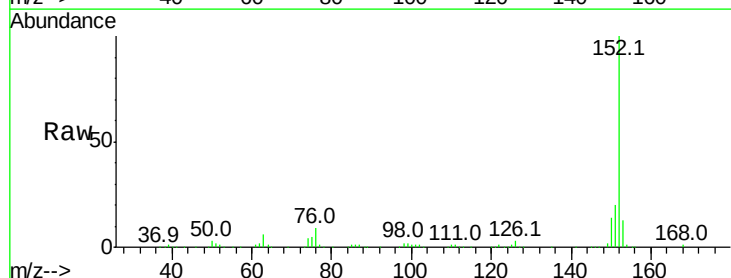
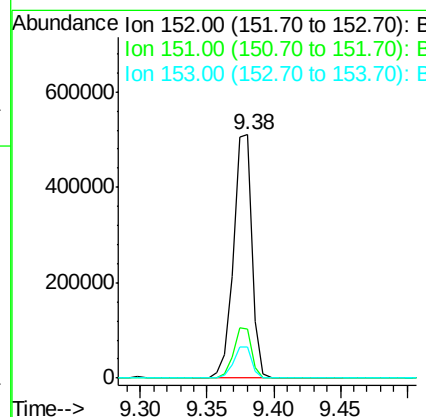
RT: 9.38 min Scan# 1274

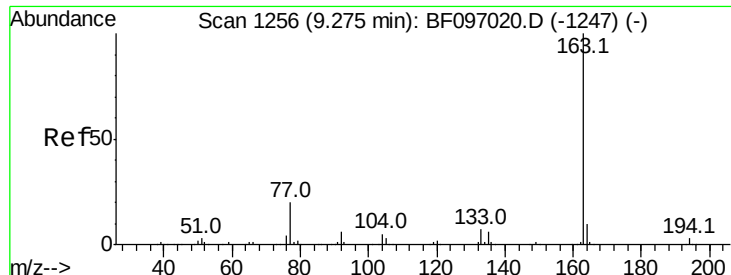
Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Tgt Ion	152	Resp	502398
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.9	10.8	16.2



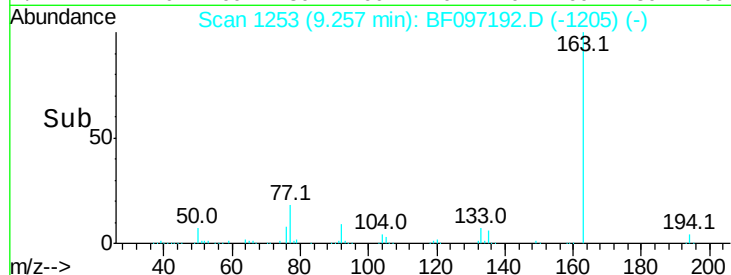
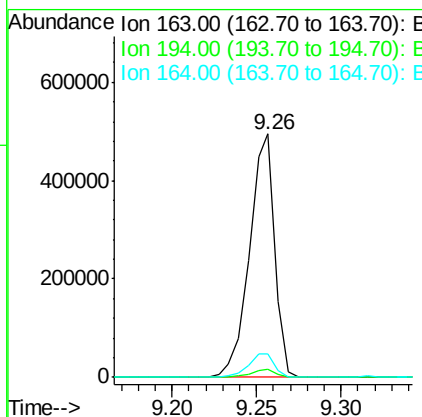
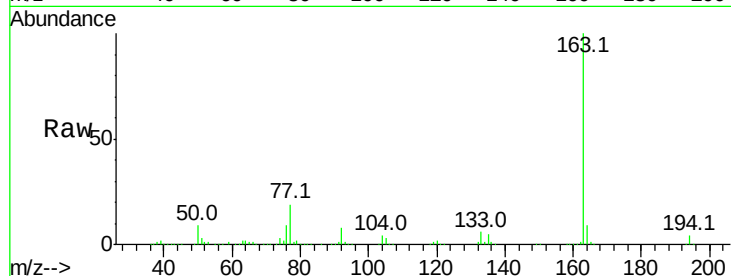


#49
Dimethylphthalate
Concen: 44.449 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampled :
E2-HS5-BASE

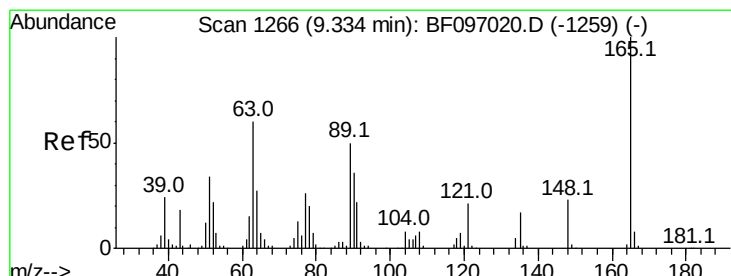
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	9.4	8.4	12.6	

Manual Integrations
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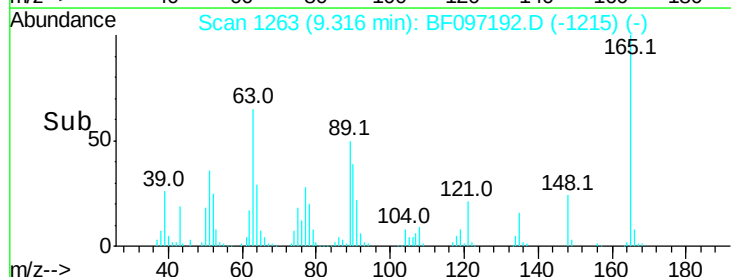
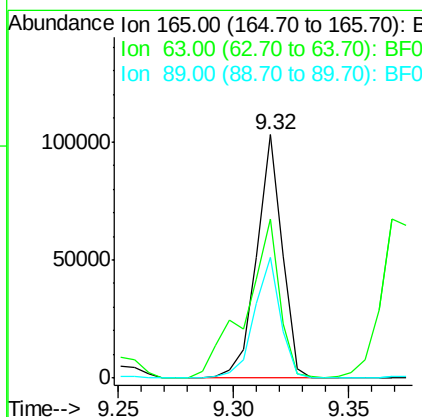
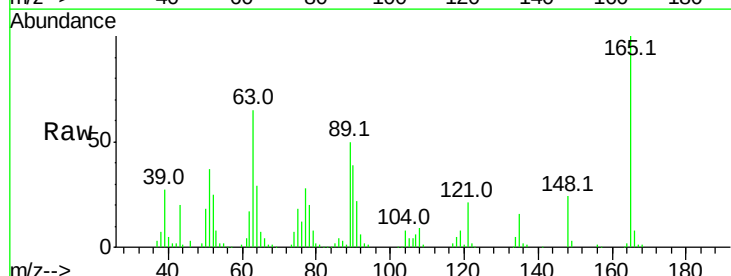
Sohil

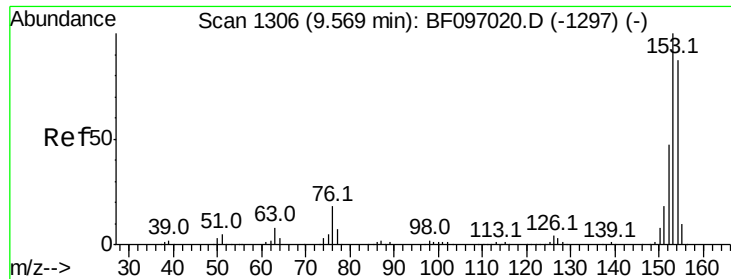
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#50
2,6-Dinitrotoluene
Concen: 32.499 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.2	34.3	51.5#	
89	49.6	37.1	55.7	



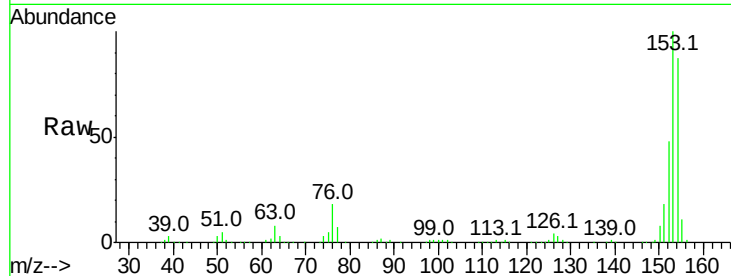


#51
Acenaphthene
Concen: 36.505 ng
RT: 9.55 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

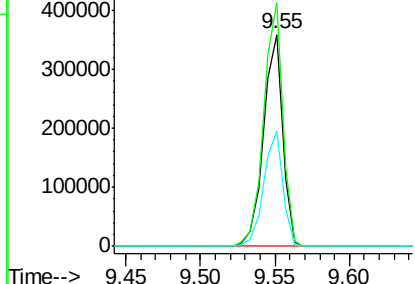
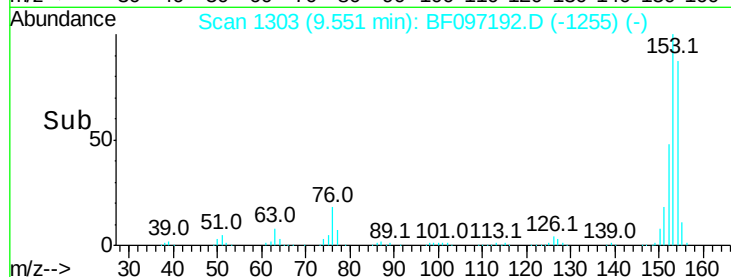
Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.7	90.5	135.7
152	54.7	43.6	65.4

Manual Integrations
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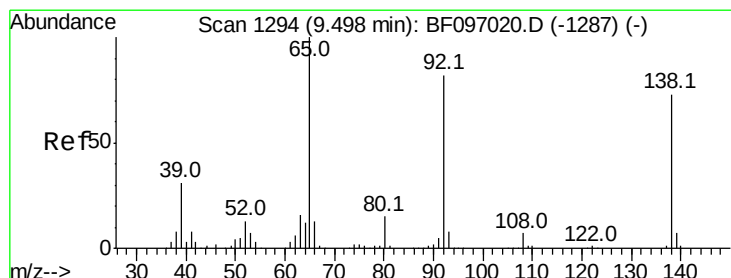


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



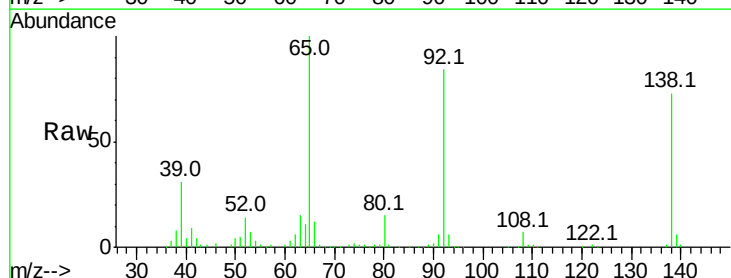
Sohil

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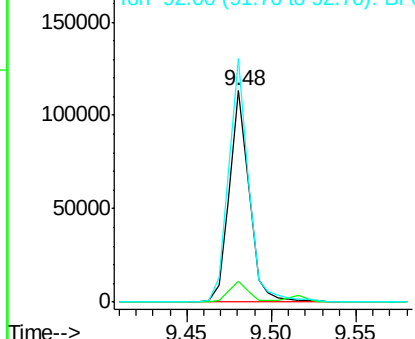
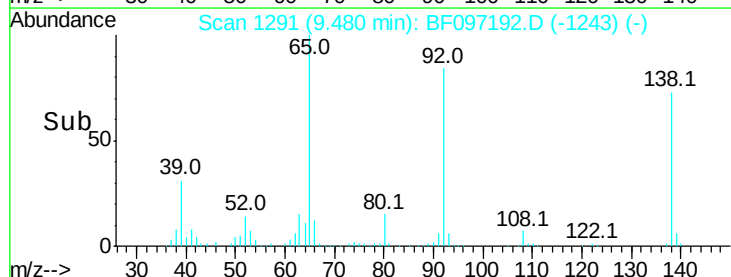


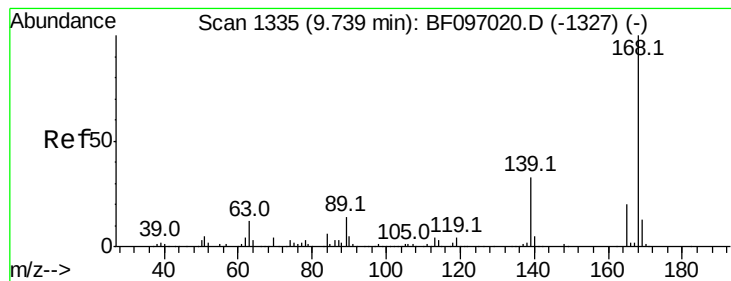
#52
3-Nitroaniline
Concen: 30.377 ng
RT: 9.48 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.1	13.7
92	115.3	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





#54

Dibenzofuran

Concen: 36.511 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampled :

E2-HS5-BASE

Tot Ion:168 Resp: 422456

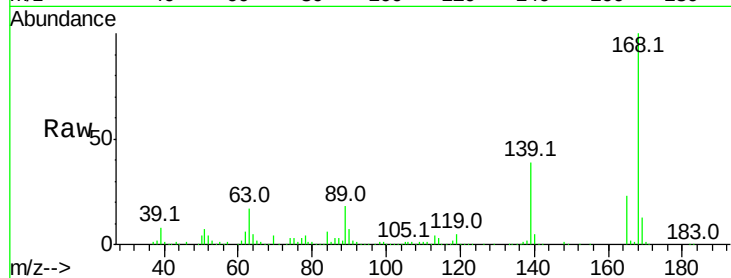
Ion Ratio Lower Upper

168 100

139 38.8 30.6 45.8

169 13.2 10.8 16.2

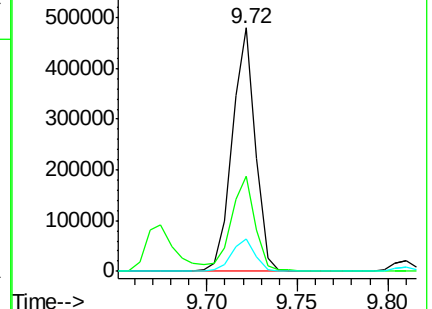
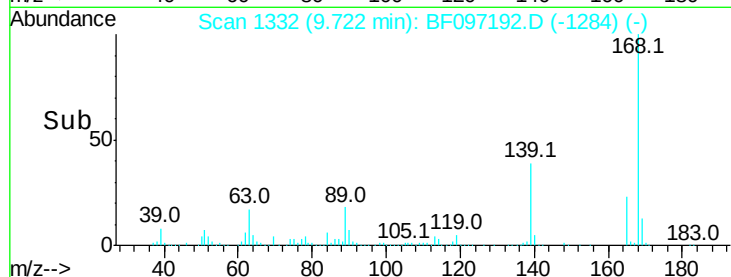
Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

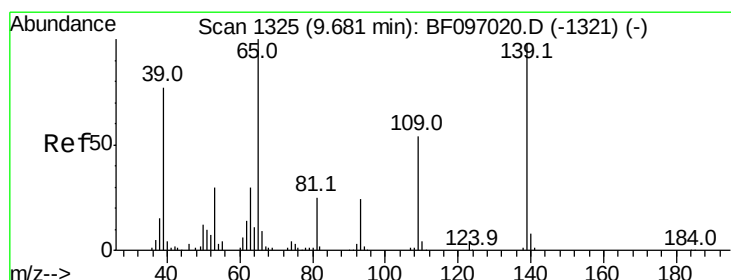
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Sohil

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#55

4-Nitrophenol

Concen: 57.473 ng

RT: 9.67 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

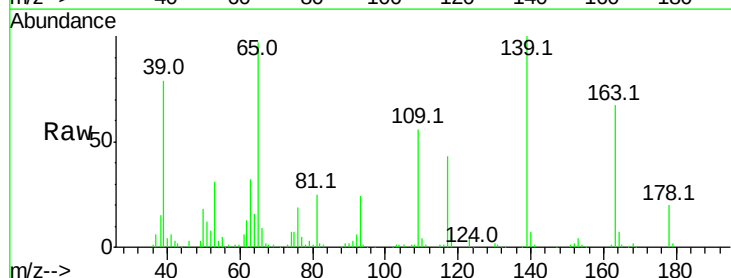
Tgt Ion:139 Resp: 104445

Ion Ratio Lower Upper

139 100

109 56.4 34.1 74.1

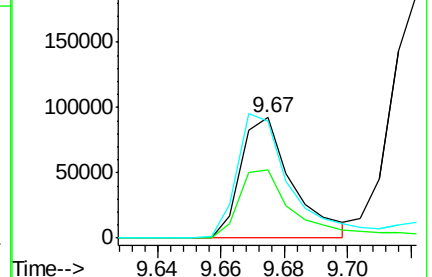
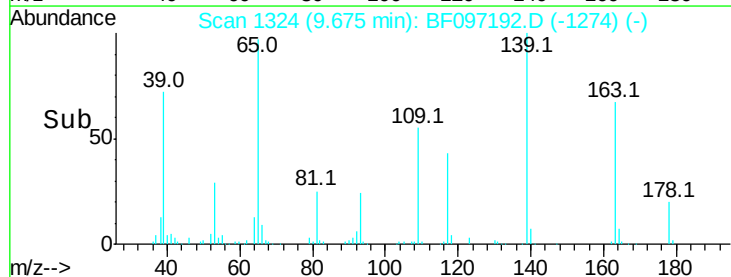
65 97.2 31.4 71.4#

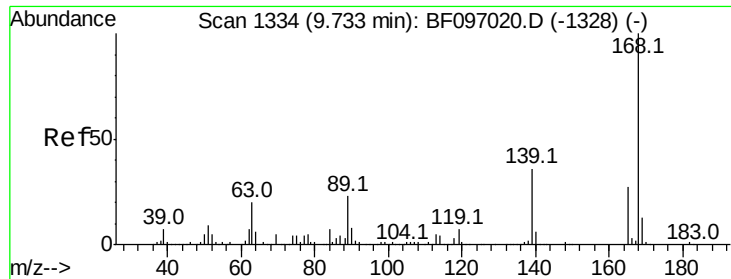


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



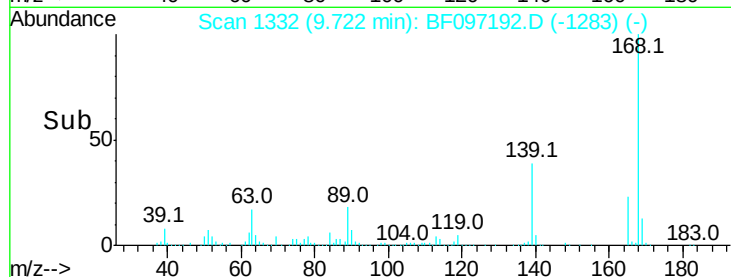
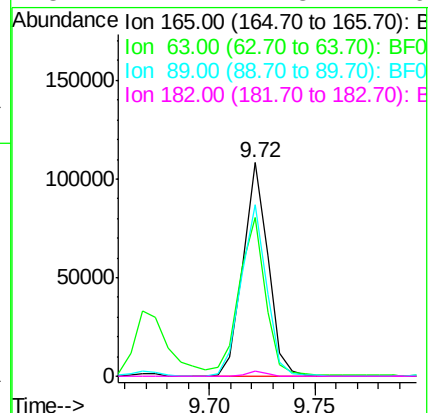
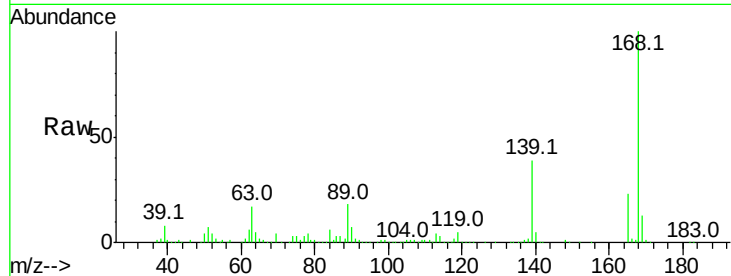


#56
2,4-Dinitrotoluene
Concen: 31.169 ng
RT: 9.72 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

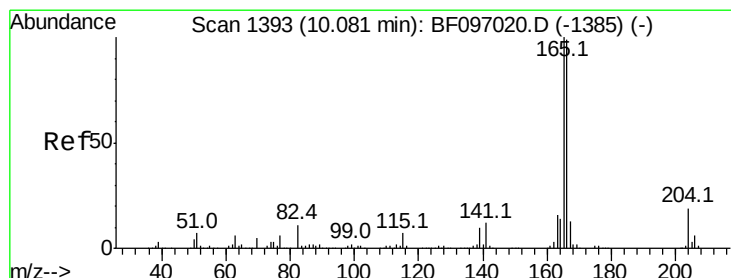
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.2	25.4	38.0#	
89	80.6	46.4	69.6#	
182	2.2	1.8	2.6	

Manual Integrations
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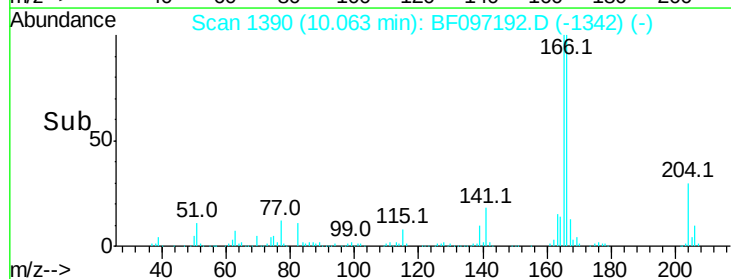
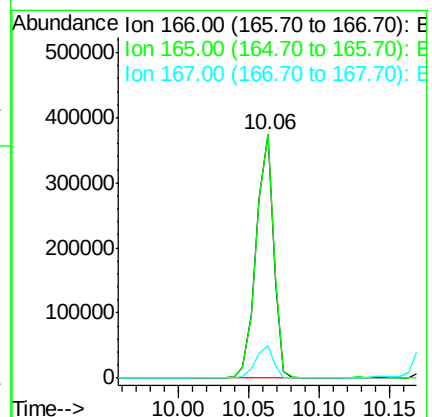
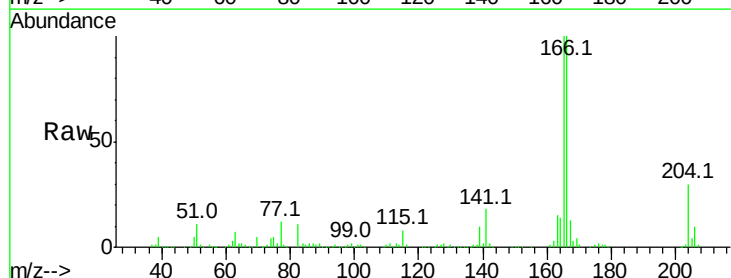
Sohil

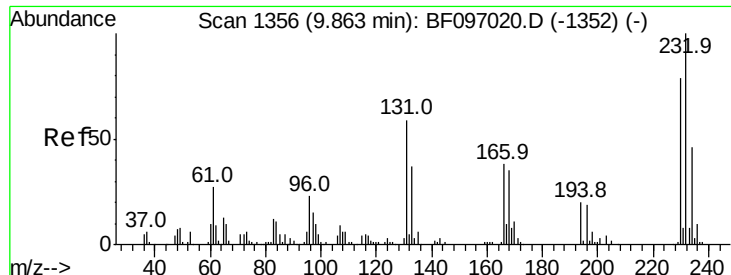
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#57
Fluorene
Concen: 37.605 ng
RT: 10.06 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.9	78.8	118.2	
167	13.3	10.6	16.0	



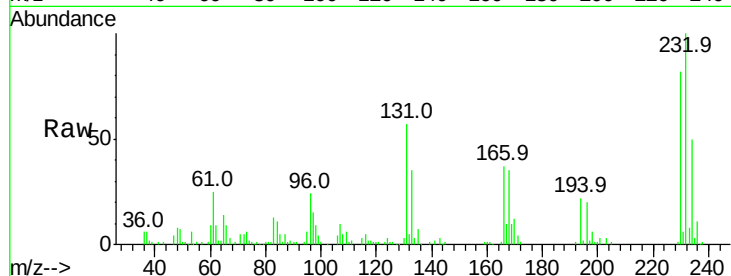


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.144 ng
 RT: 9.85 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

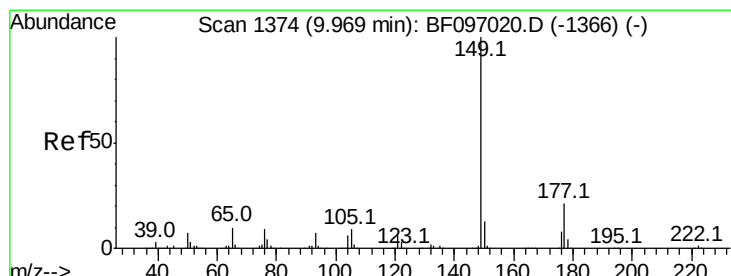
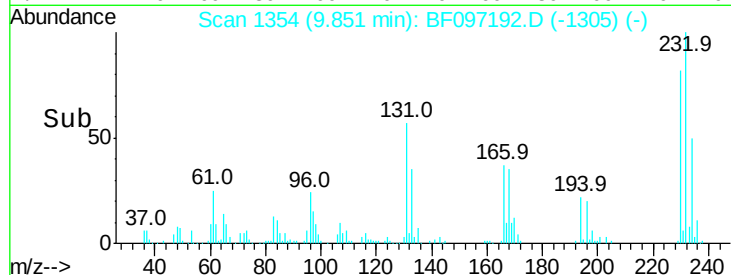
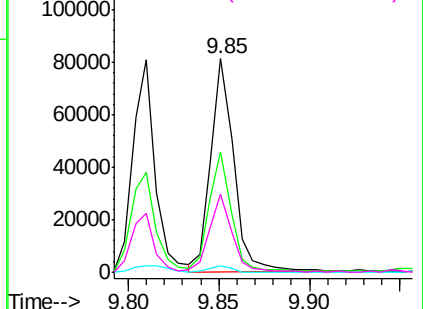
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
232	100		
131	56.0	44.8	67.2
130	2.8	2.3	3.5
166	36.4	29.0	43.4

Manual Integrations
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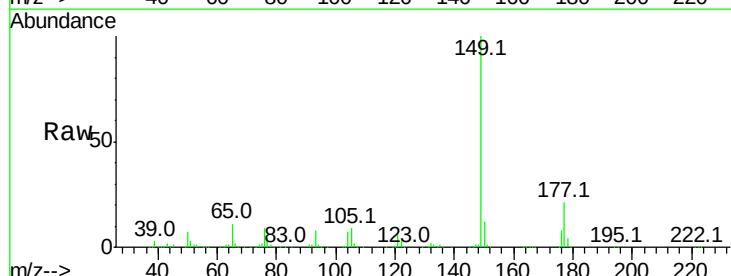


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

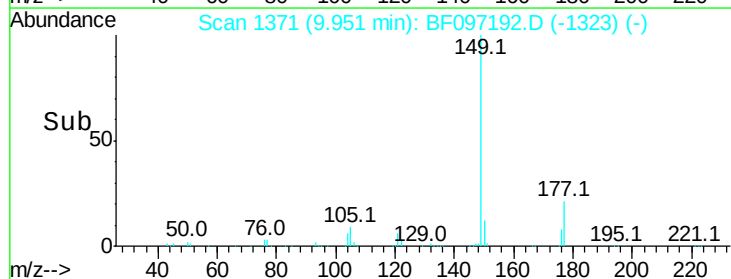
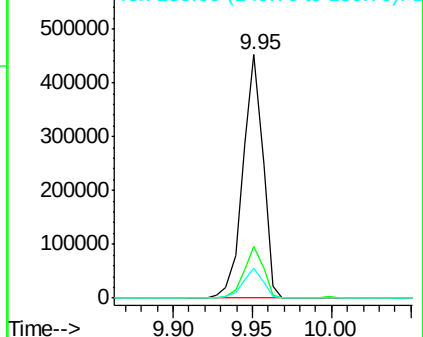


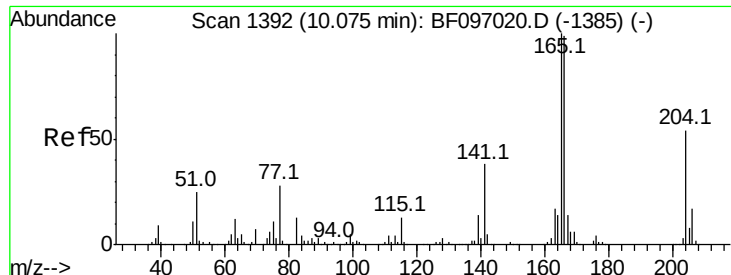
#59
 Diethylphthalate
 Concen: 37.027 ng
 RT: 9.95 min Scan# 1371
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.1	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



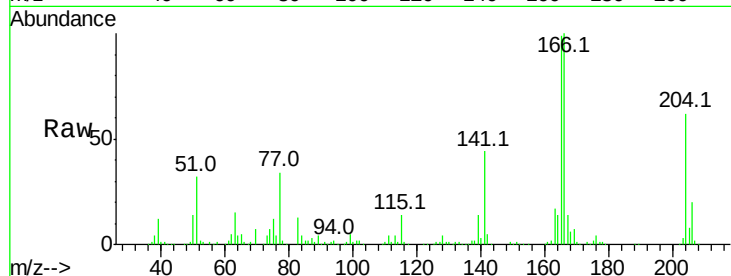


#60
 4-Chlorophenyl-phenylether
 Concen: 38.213 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

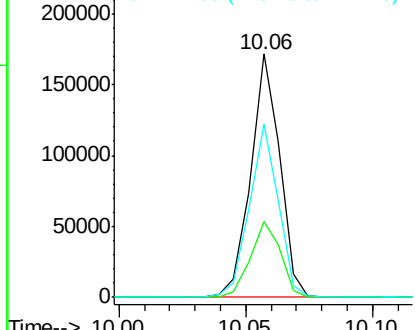
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.4	26.2	39.2
141	71.1	60.8	91.2

Manual Integrations
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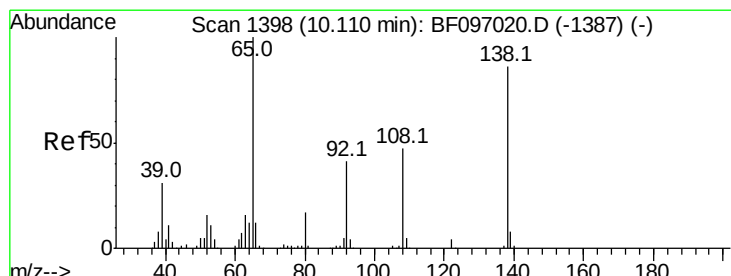
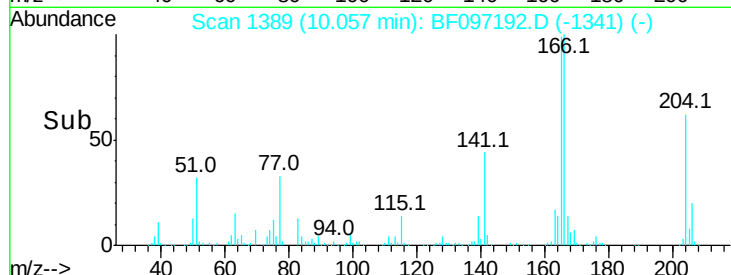


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



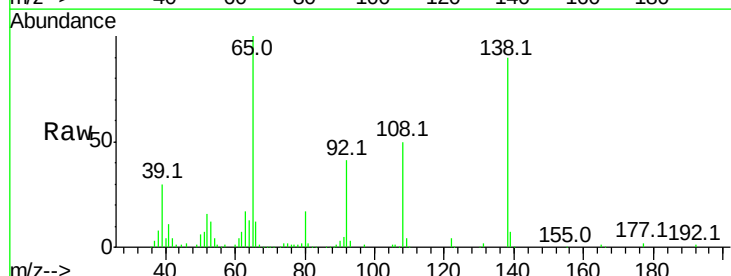
Sohil

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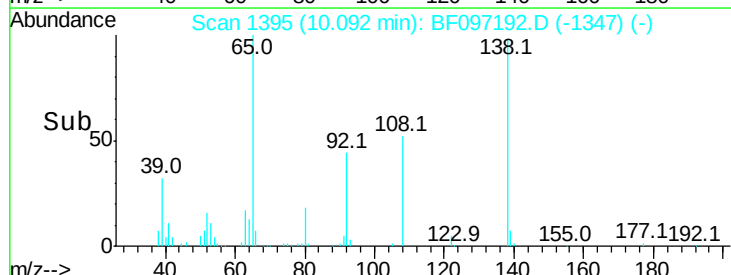
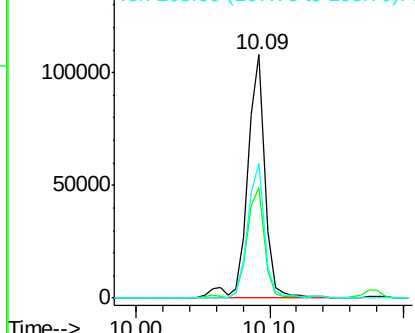


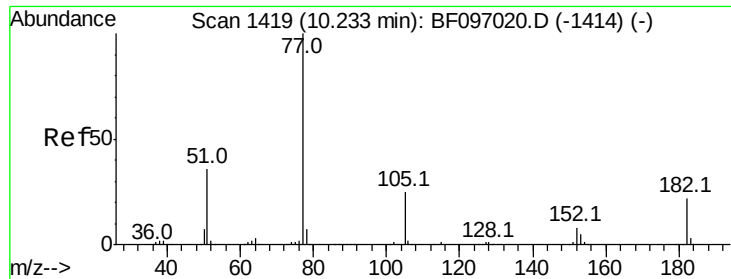
#61
 4-Nitroaniline
 Concen: 33.204 ng
 RT: 10.09 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	21.8	61.8
108	55.6	42.3	82.3



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: 34.159 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion: 77 Resp: 337469

Ion Ratio Lower Upper

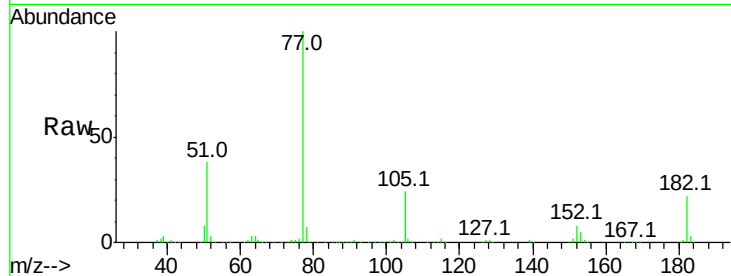
77 100

182 21.8 0.1 40.1

105 24.5 3.6 43.6

51 37.7 9.4 49.4

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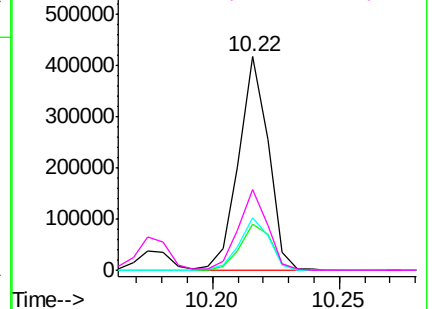


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

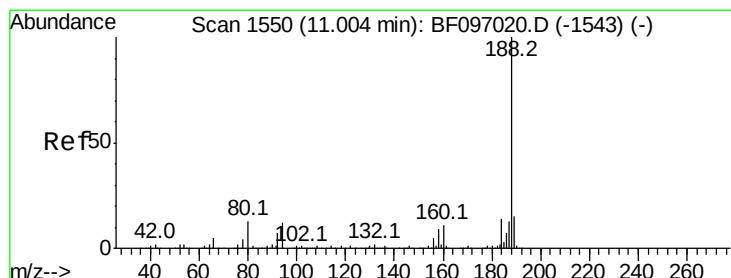
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

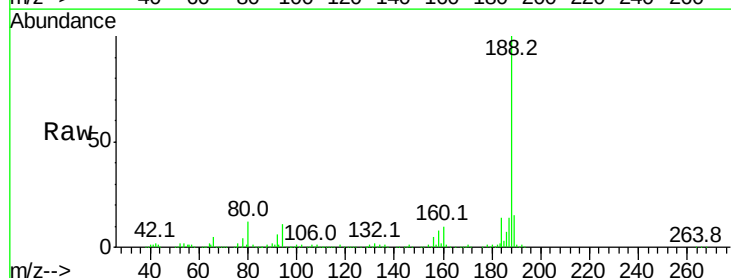
Tgt Ion: 188 Resp: 227905

Ion Ratio Lower Upper

188 100

94 11.5 9.4 14.2

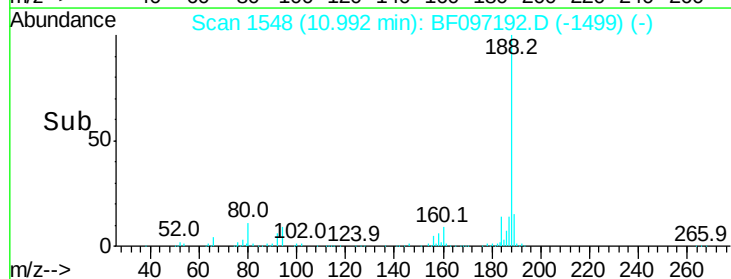
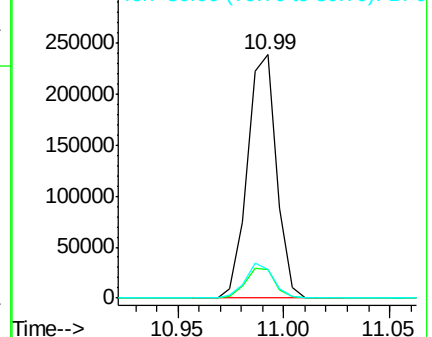
80 11.7 10.2 15.2

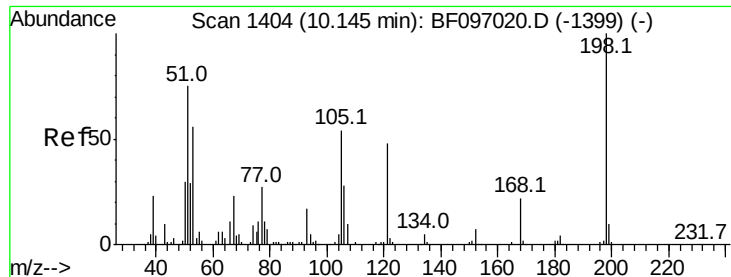


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



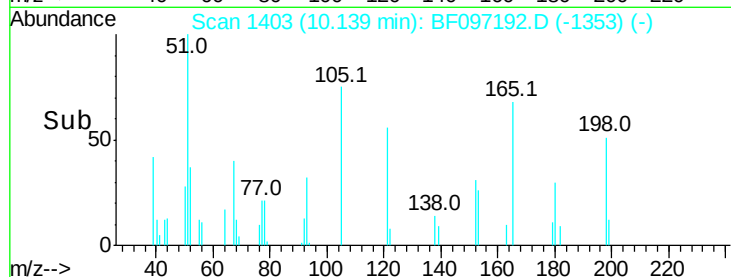
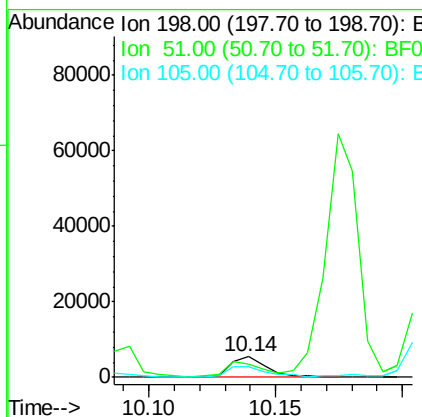
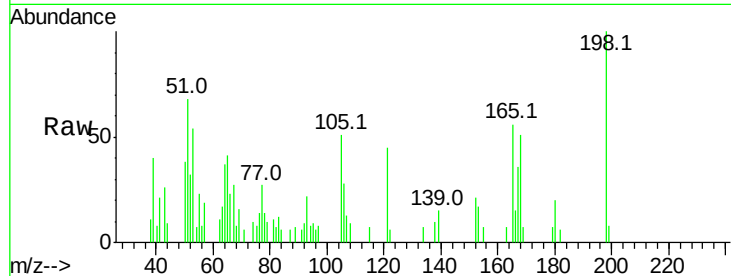


#64
4,6-Dinitro-2-methylphenol
Concen: 3.848 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

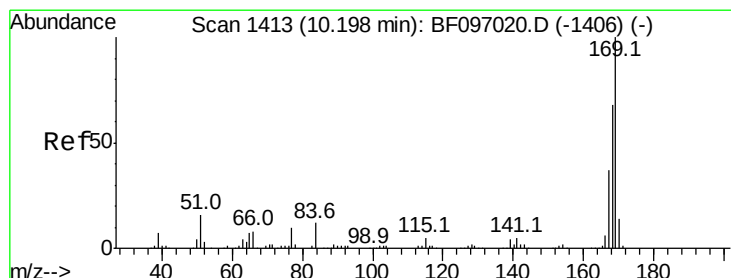
Tot Ion	Ratio	Lower	Upper
198	100		
51	67.6	53.2	93.2
105	50.5	45.8	85.8

Manual Integrations
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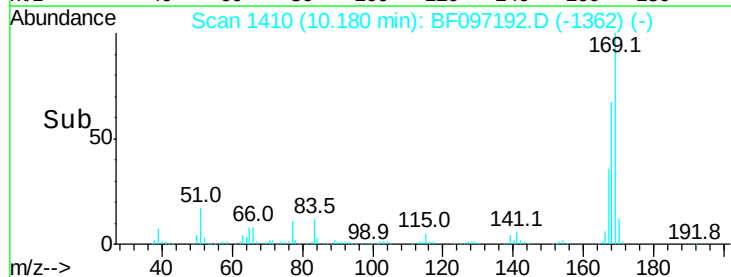
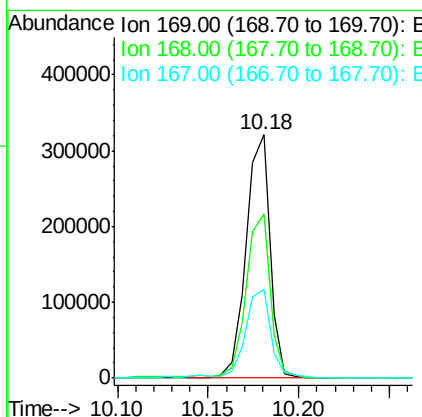
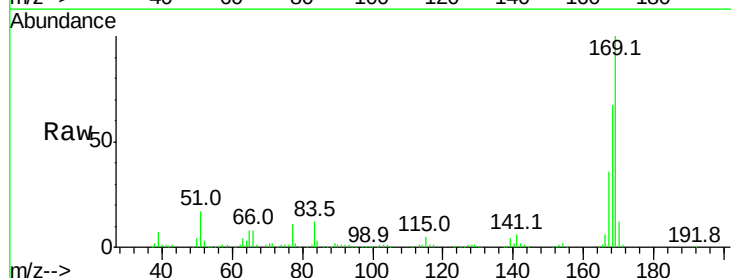
Sohil

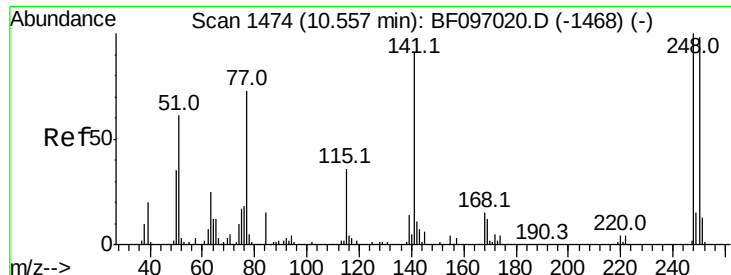
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#65
n-Nitrosodiphenylamine
Concen: 37.022 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	36.5	29.5	44.3



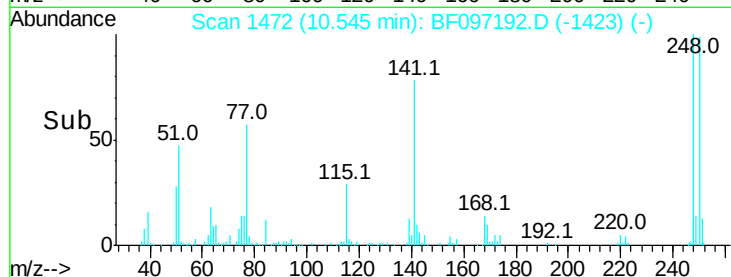
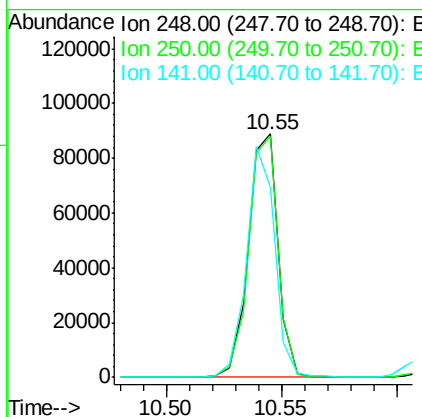
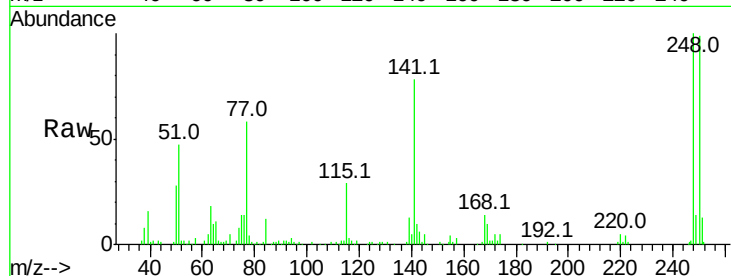


#66
 4-Bromophenyl-phenylether
 Concen: 34.888 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Instrument :
 BNA_F
 ClientSampled :
 E2-HS5-BASE

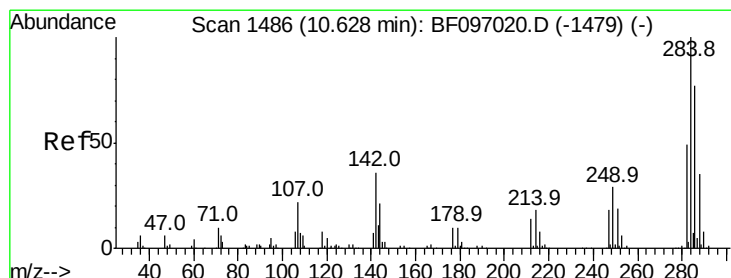
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	76.8	115.2
141	78.1	68.6	103.0

Manual Integrations
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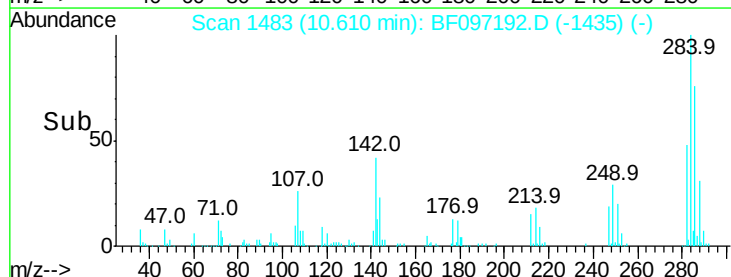
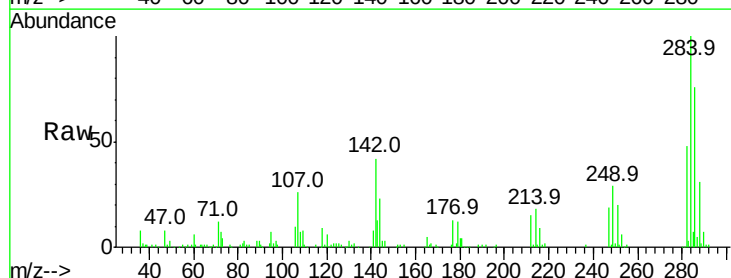
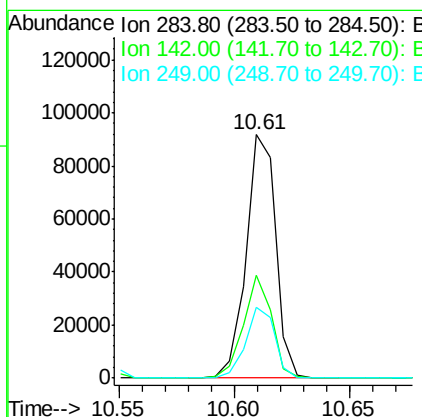
Sohil

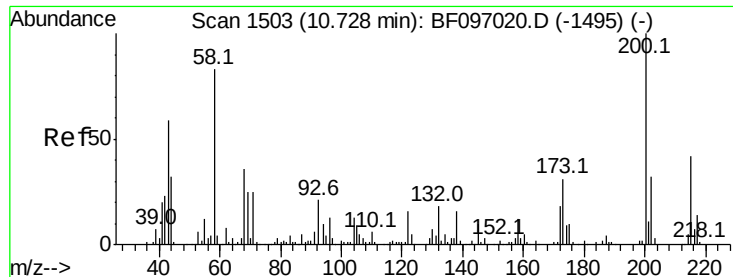
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#67
 Hexachlorobenzene
 Concen: 32.265 ng
 RT: 10.61 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.3	22.8	34.2#
249	29.3	24.0	36.0



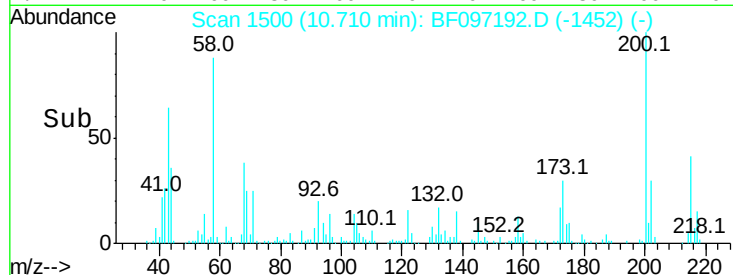
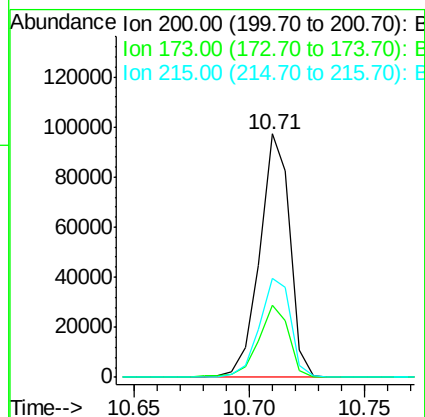
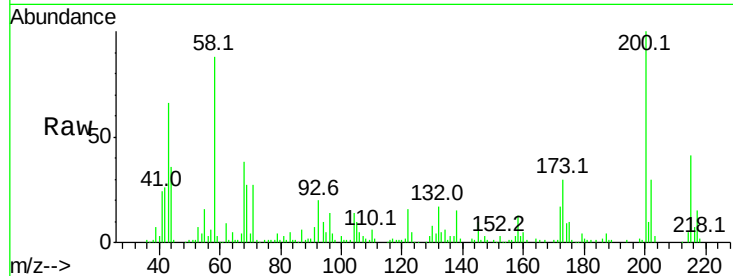


#68
Atrazine
Concen: 38.960 ng
RT: 10.71 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

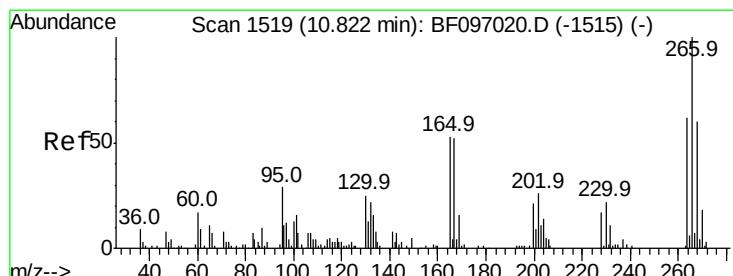
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.6	6.3	46.3
215	40.8	27.2	67.2

Manual Integrations
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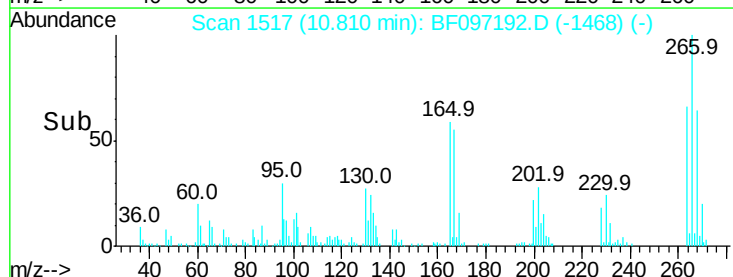
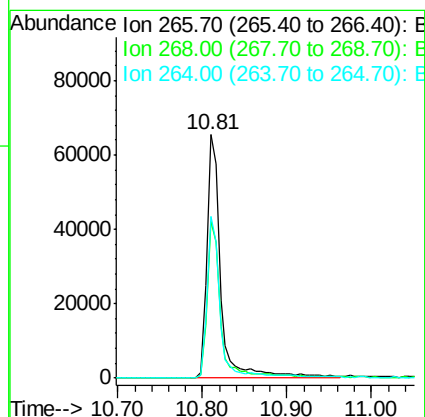
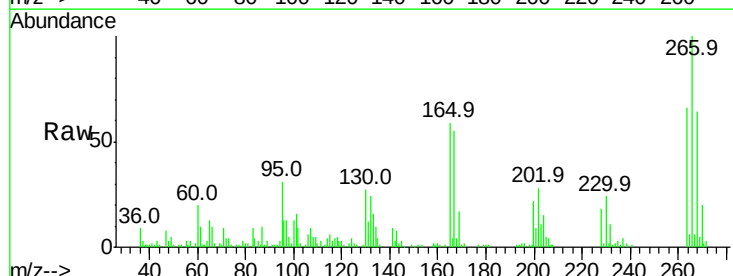
Sohil

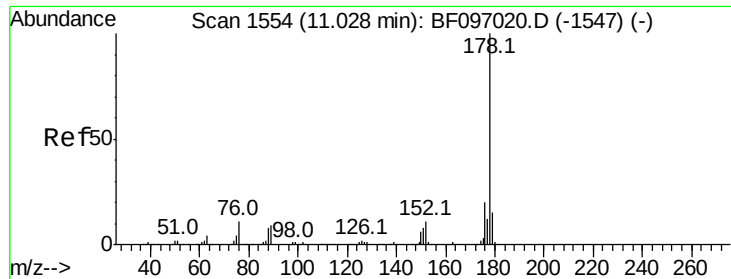
7/31/2017 6:53:11 PM



#69
Pentachlorophenol
Concen: 71.140 ng
RT: 10.81 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.1	76.7
264	66.3	51.7	77.5



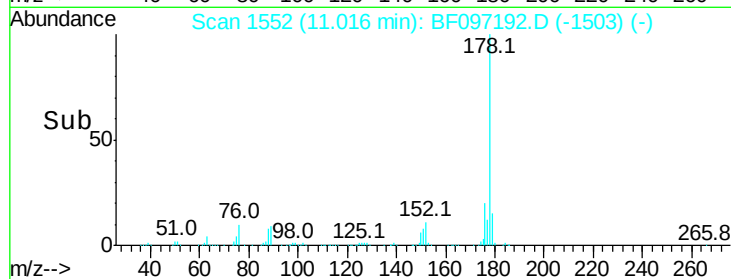
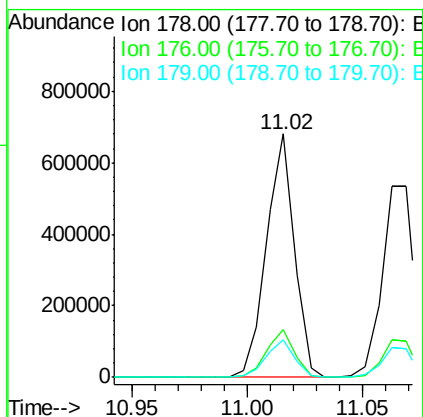
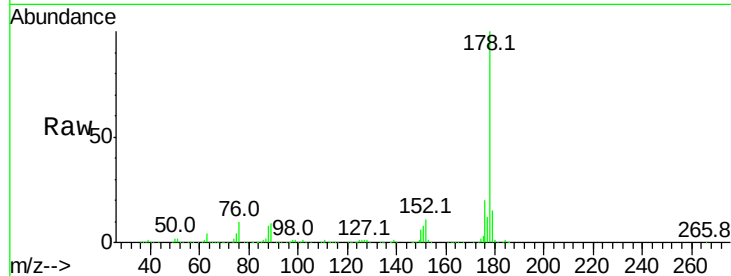


#70
Phenanthrene
Concen: 47.028 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

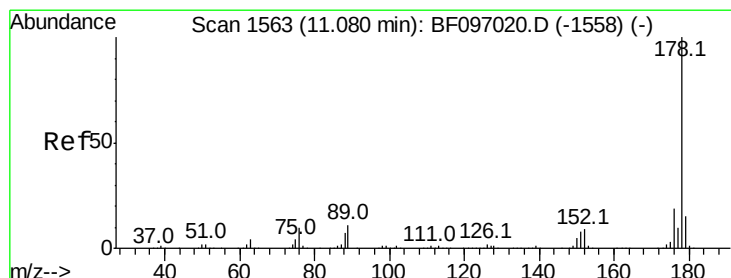
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.2	12.6	19.0

Manual Integrations
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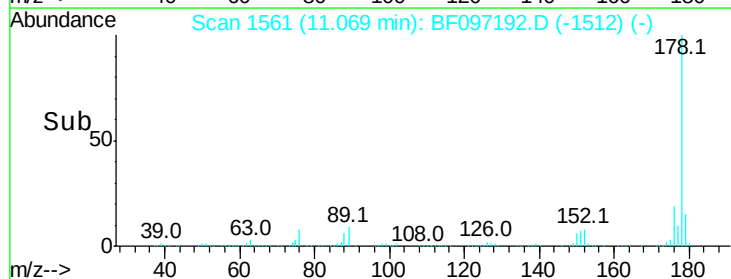
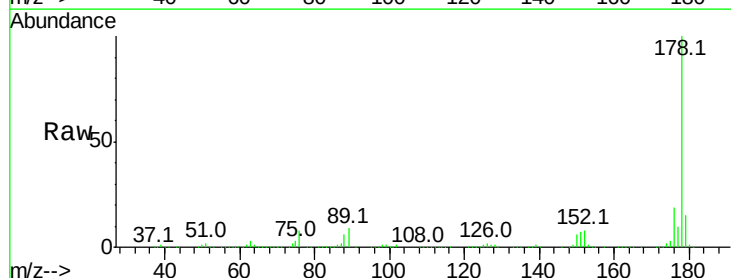
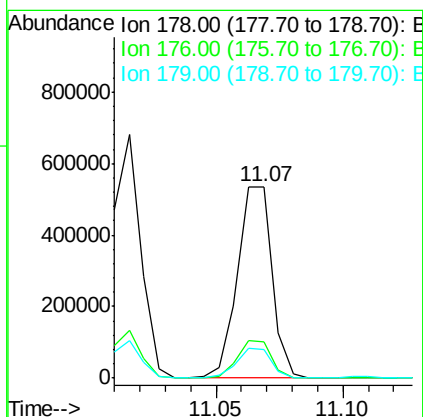
Sohil

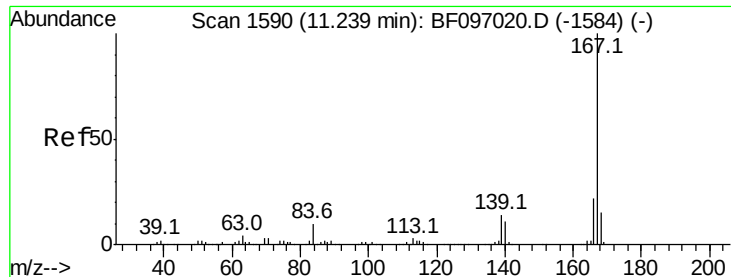
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#71
Anthracene
Concen: 40.626 ng
RT: 11.07 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.9	12.7	19.1



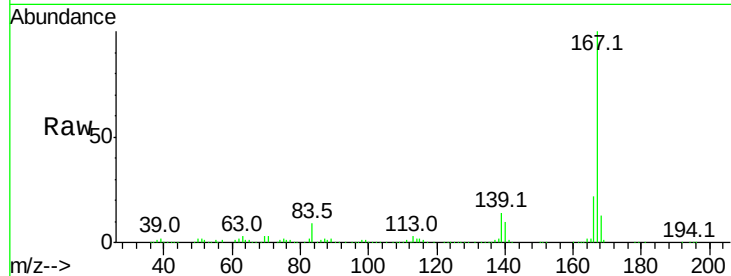


#72
 Carbazole
 Concen: 39.424 ng
 RT: 11.23 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

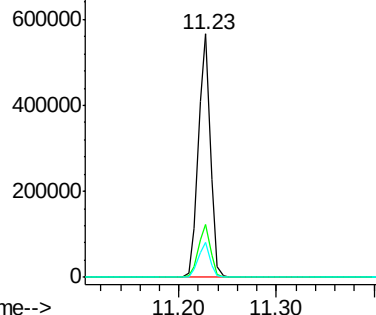
Instrument :
 BNA_F
 ClientSampled :
 E2-HS5-BASE

Tot Ion:	167	Resp:	484921
Ion Ratio	Lower	Upper	
167	100		
166	21.9	18.1	27.1
139	14.2	11.7	17.5

Manual Integrations
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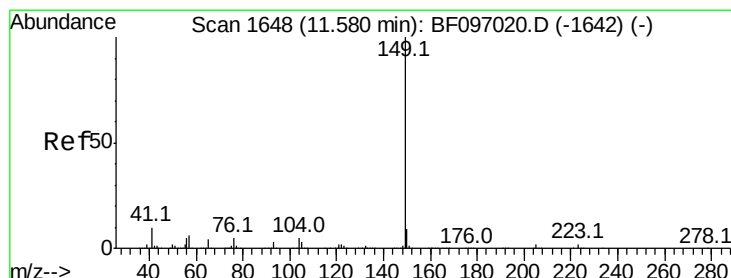
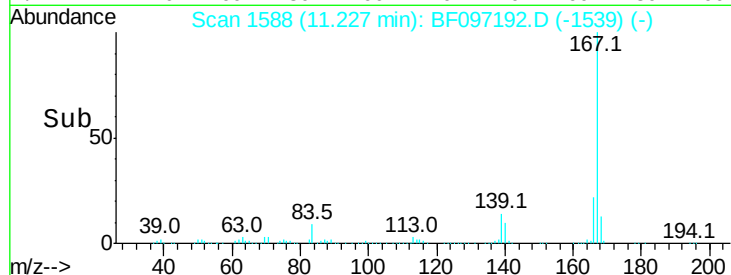


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



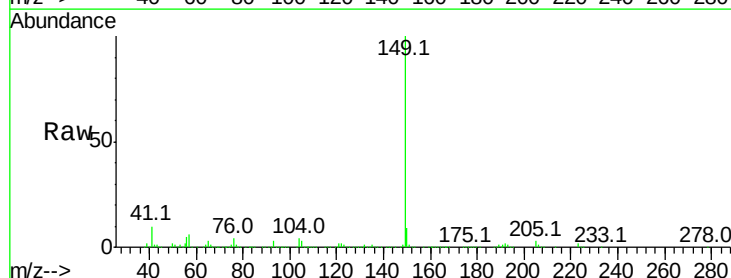
Sohil

7/31/2017 6:53:11 PM

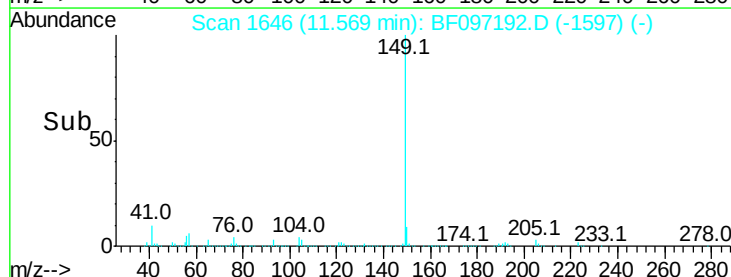
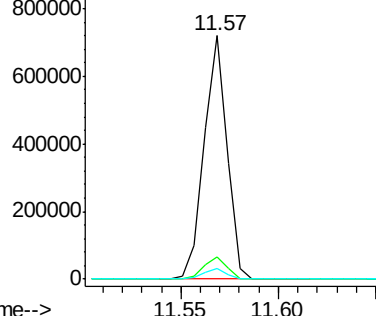


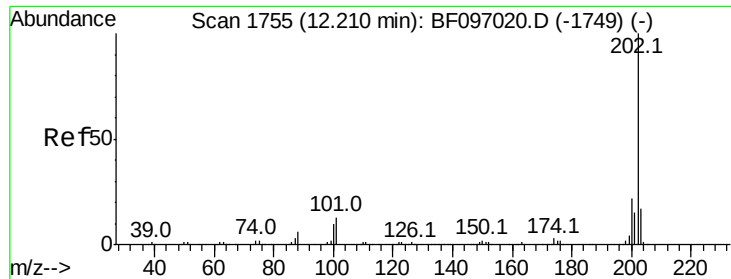
#73
 Di-n-butylphthalate
 Concen: 38.566 ng
 RT: 11.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion:	149	Resp:	586386
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.7	11.5
104	4.3	4.0	6.0



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





#74

Fluoranthene

Concen: 50.426 ng

RT: 12.20 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

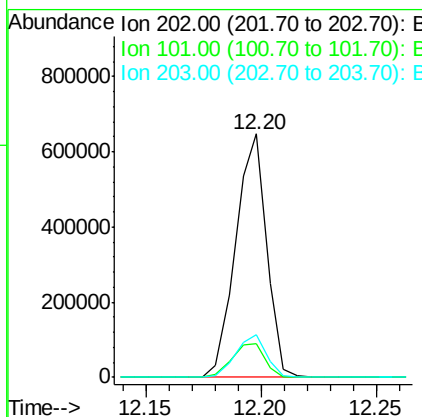
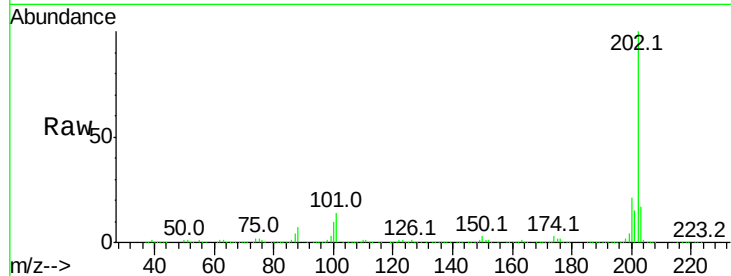
BNA_F

ClientSampleId :

E2-HS5-BASE

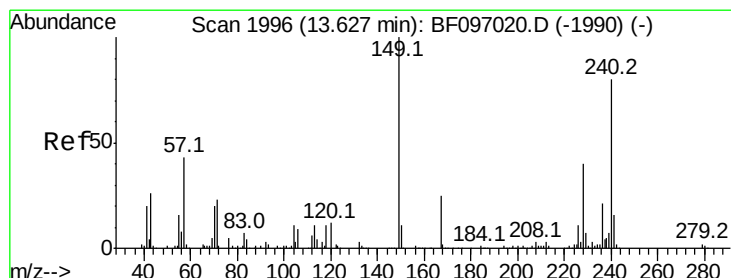
Tot Ion	Ratio	Resp	Lower	Upper
202	100	603241		
101	14.0		0.0	33.2
203	17.3		0.0	38.1

Manual Integrations
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Sohil

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#75

Chrysene-d12

Concen: 20.000 ng

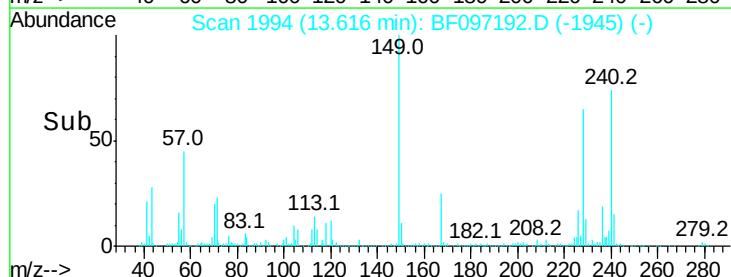
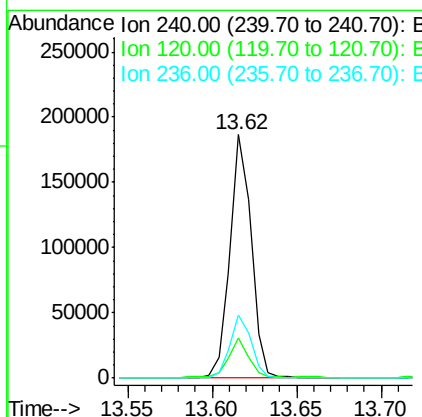
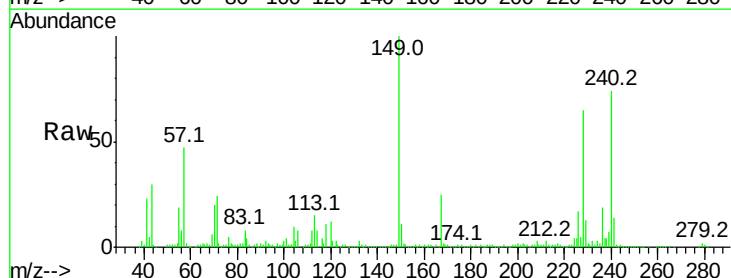
RT: 13.62 min Scan# 1994

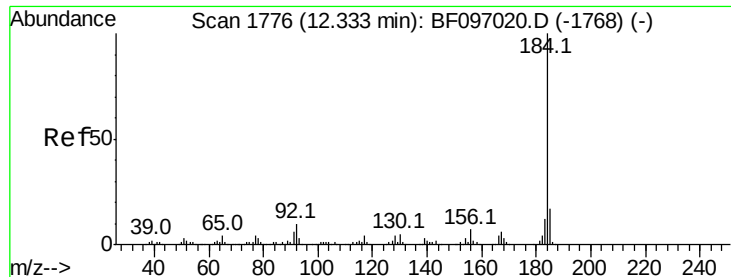
Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	164186		
120	16.4		5.8	8.8#
236	26.1		20.5	30.7





#76

Benzidine

Concen: 46.939 ng

RT: 12.32 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion:184 Resp: 285956

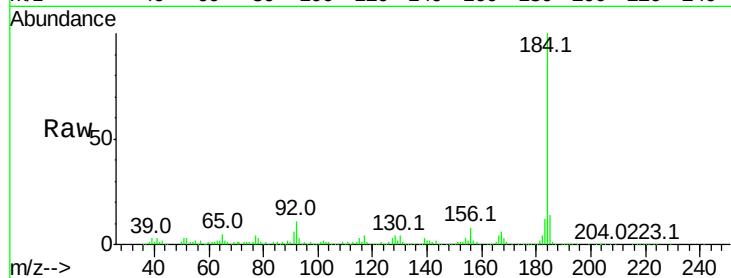
Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

183 11.8 9.8 14.6

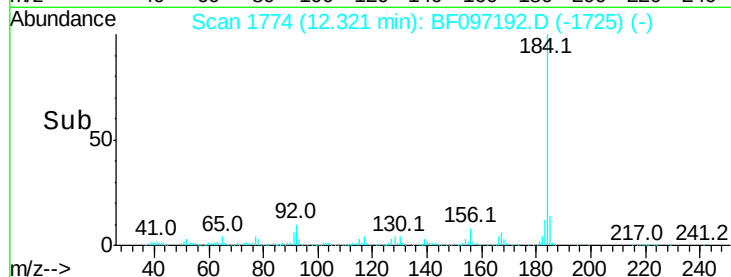
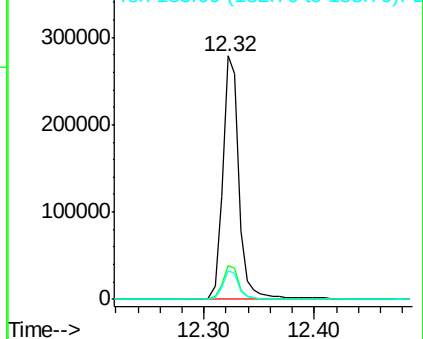
Manual Integrations
APPROVED



Abundance Ion 184.00 (183.70 to 184.70): E

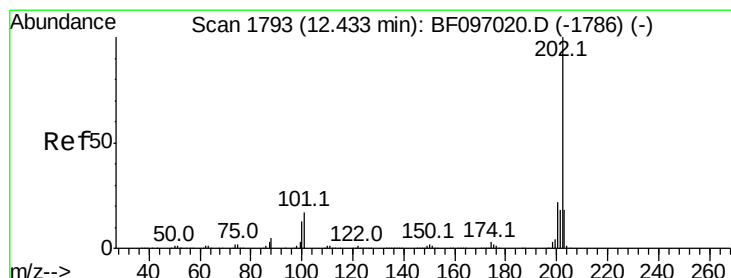
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Sohil

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#77

Pyrene

Concen: 46.867 ng

RT: 12.42 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

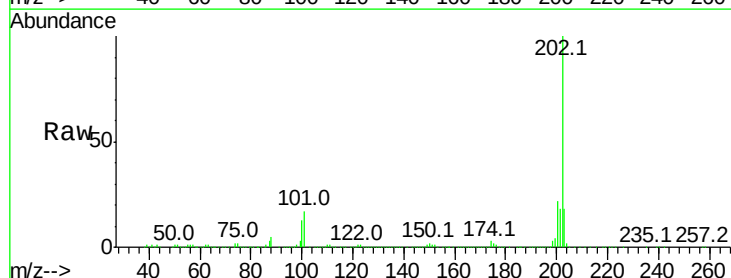
Tgt Ion:202 Resp: 629954

Ion Ratio Lower Upper

202 100

200 21.8 17.6 26.4

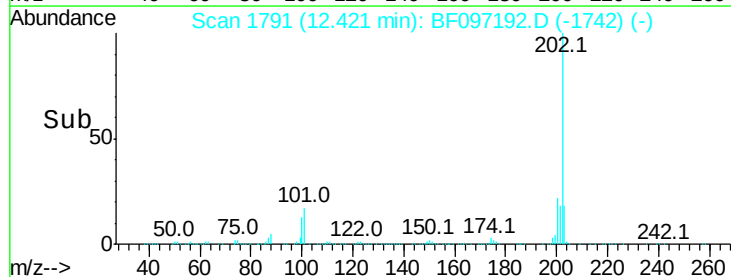
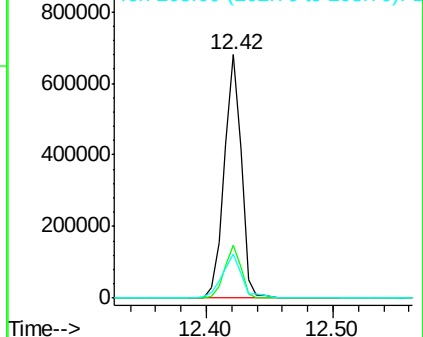
203 18.0 14.4 21.6

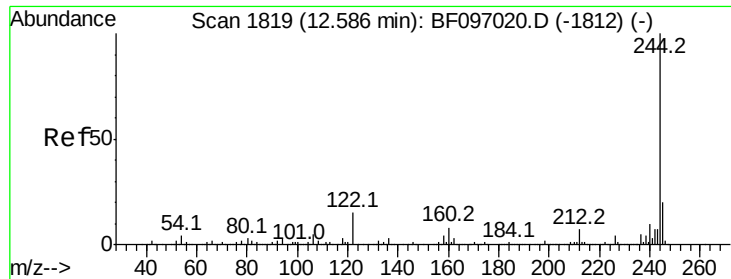


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



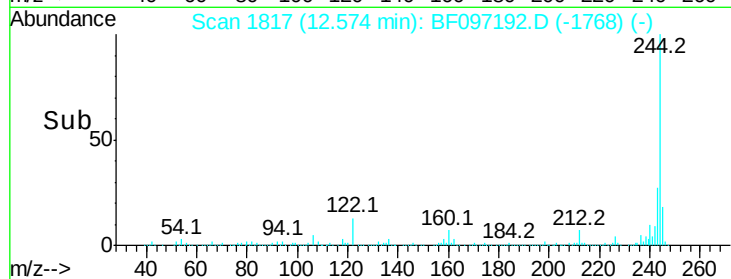
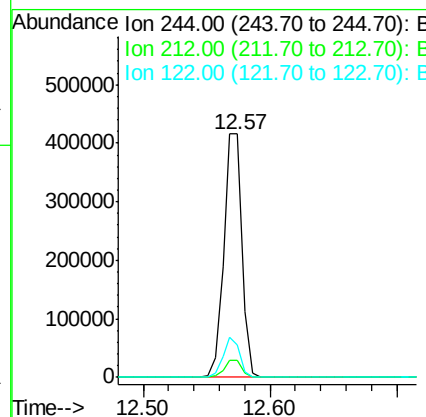
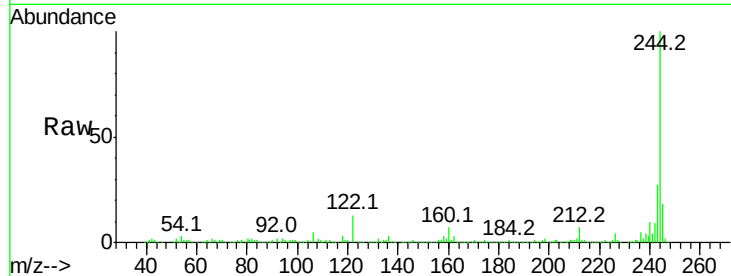


#78
 Terphenyl-d14
 Concen: 51.752 ng
 RT: 12.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS5-BASE

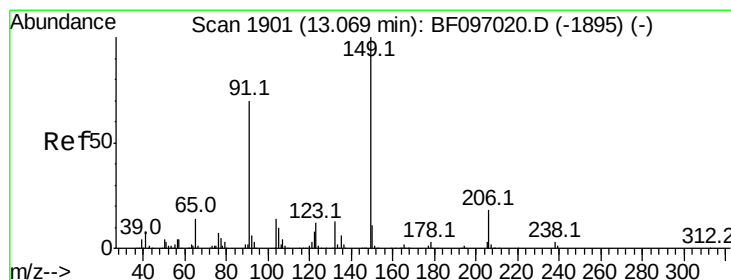
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.3	10.3	15.5

Manual Integrations
 APPROVED



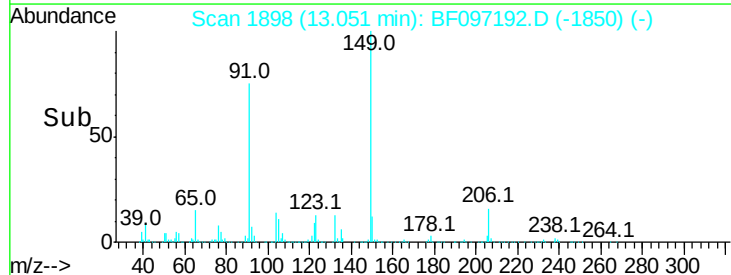
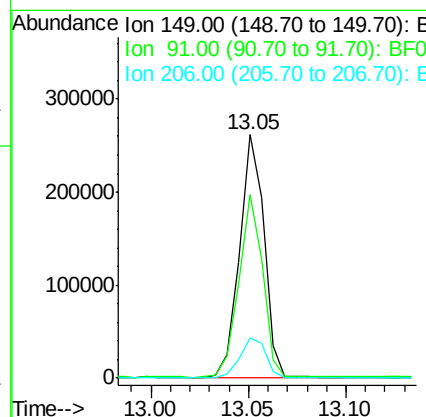
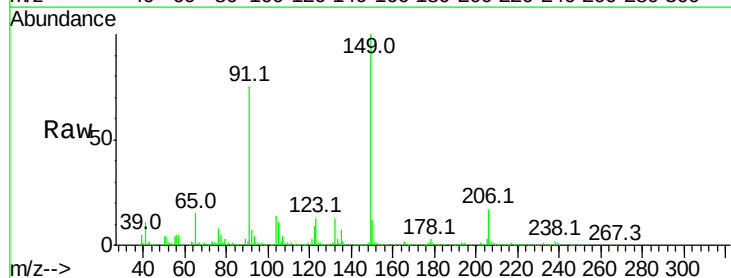
Sohil

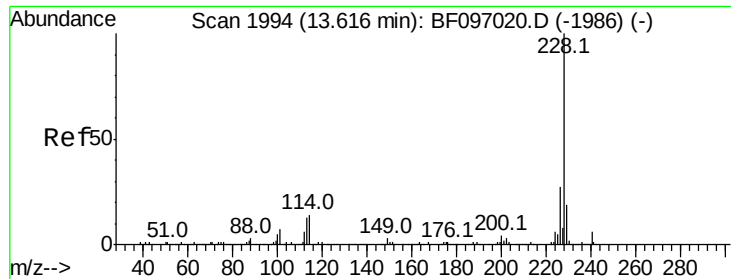
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#79
 Butylbenzylphthalate
 Concen: 33.187 ng
 RT: 13.05 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BF097192.D
 Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.4	45.0	67.4#
206	16.5	17.0	25.6#





#80

Benzo(a)anthracene

Concen: 40.510 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

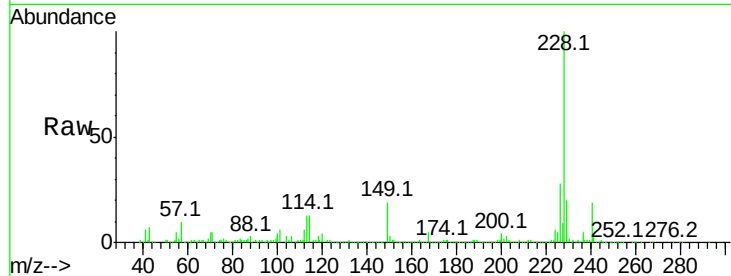
BNA_F

ClientSampleId :

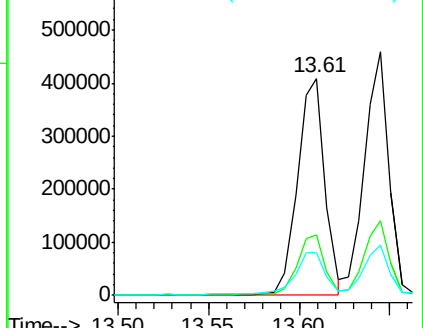
E2-HS5-BASE

Tot Ion:	228	Resp:	430358
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.6	16.3	24.5

Manual Integrations
APPROVED

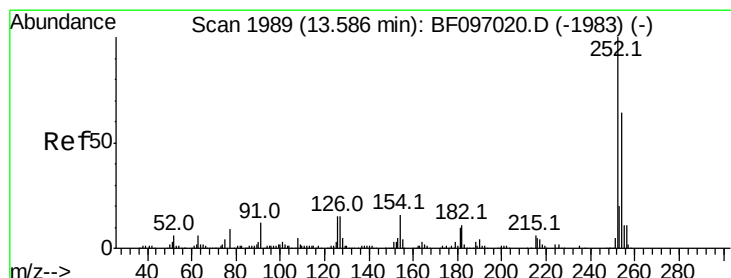
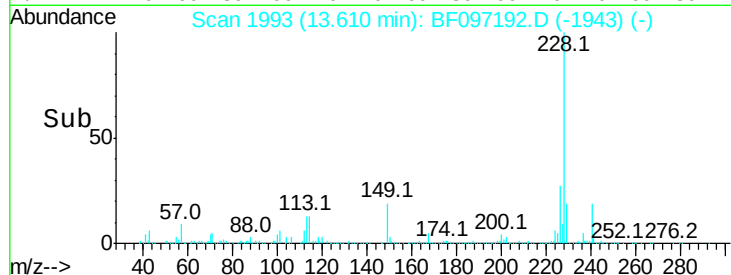


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Sohil

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#81

3,3'-Dichlorobenzidine

Concen: 31.942 ng

RT: 13.57 min Scan# 1987

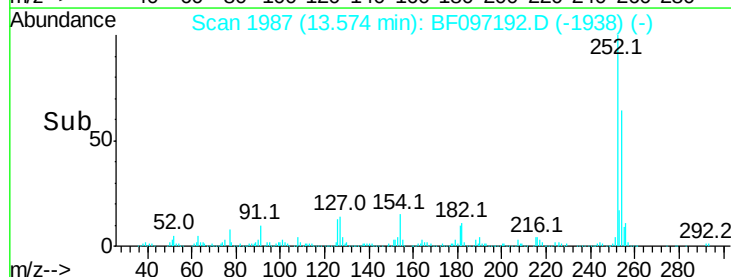
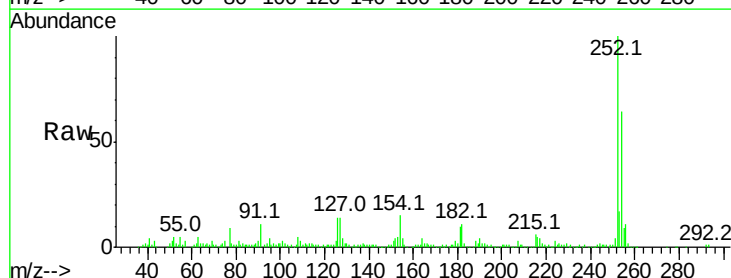
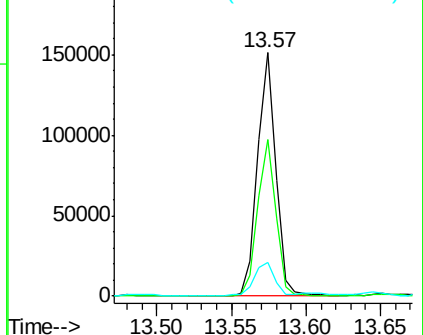
Delta R.T. -0.01 min

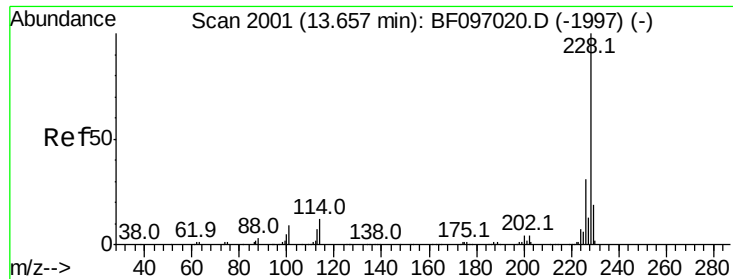
Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Tgt Ion:	252	Resp:	127967
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.5	77.3
126	13.7	15.8	23.8#

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



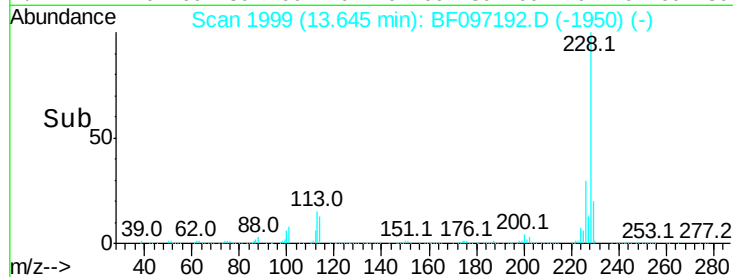
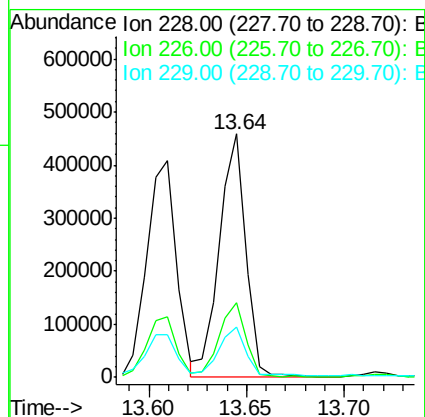
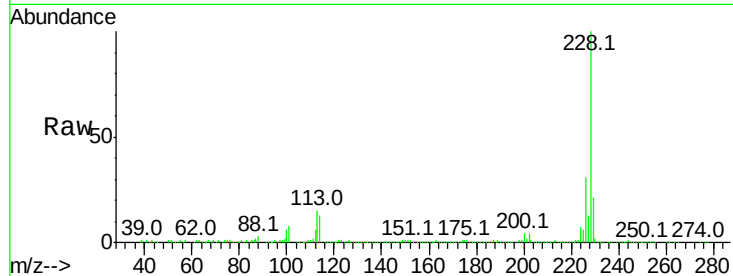


#82
Chrysene
Concen: 41.146 ng
RT: 13.64 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

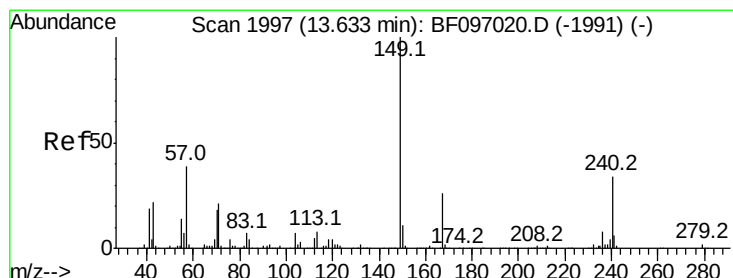
Tot Ion:	228	Resp:	426824
Ion Ratio		Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.8	15.8	23.6

Manual Integrations
APPROVED



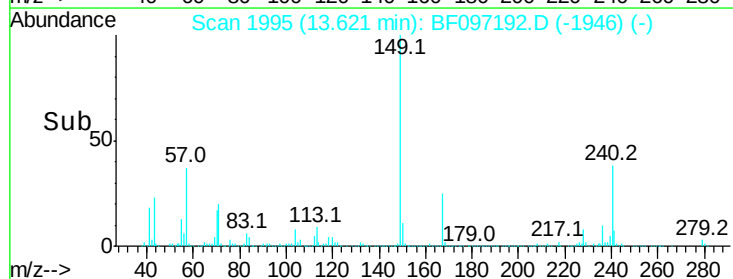
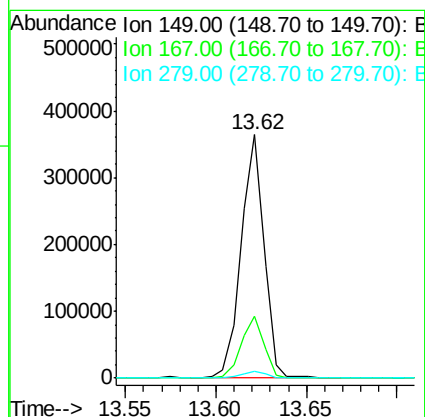
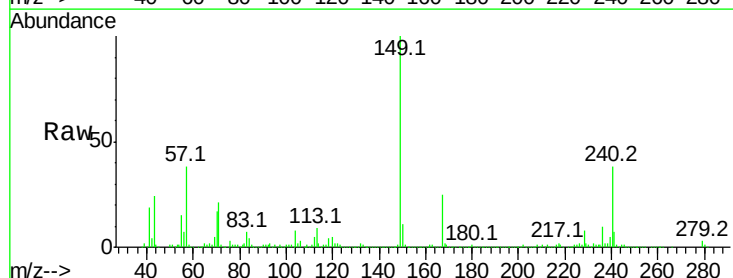
Sohil

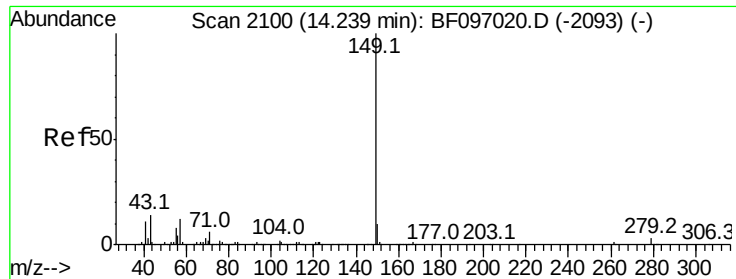
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#83
Bis(2-ethylhexyl)phthalate
Concen: 35.324 ng
RT: 13.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion:	149	Resp:	315345
Ion Ratio		Lower	Upper
149	100		
167	25.4	21.0	31.4
279	2.7	1.9	2.9



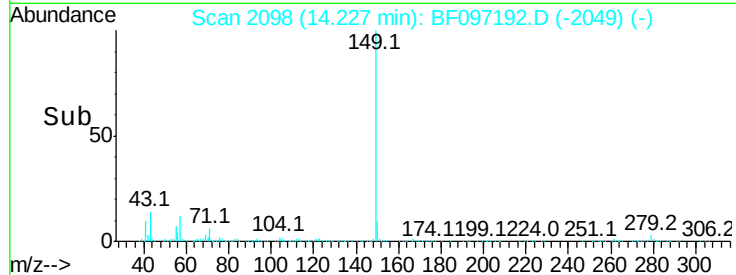
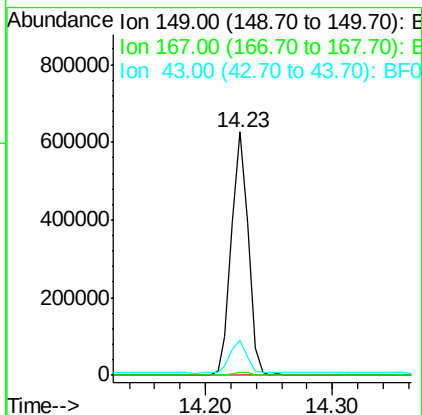
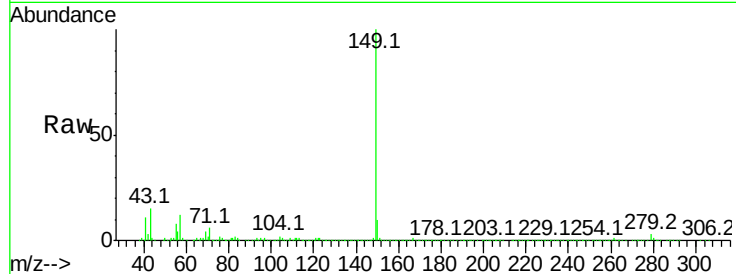


#84
Di-n-octyl phthalate
Concen: 34.529 ng
RT: 14.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

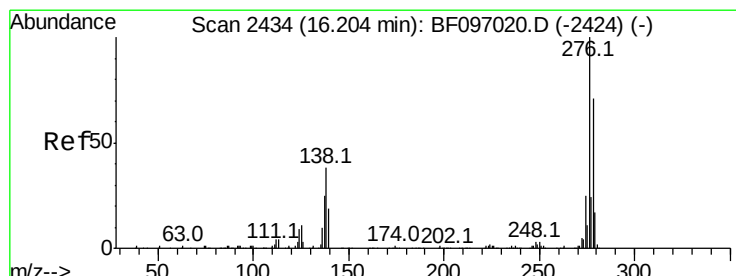
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.9	8.5	12.7

Manual Integrations
APPROVED



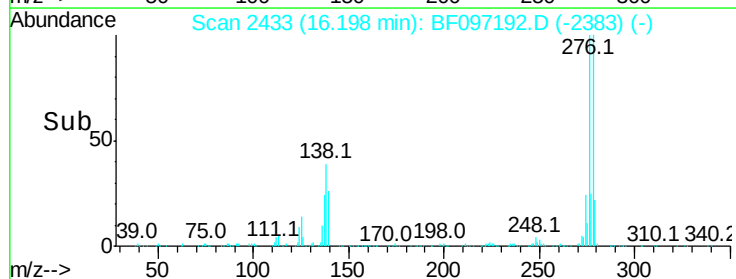
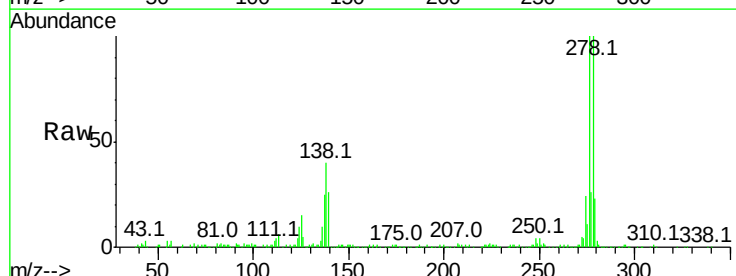
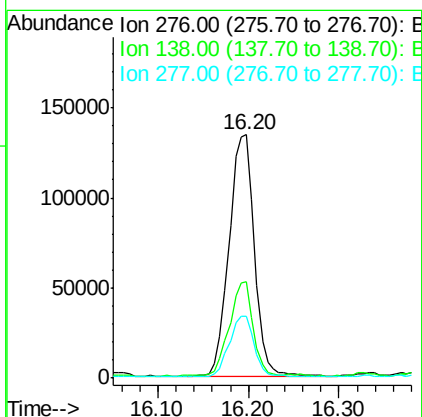
Sohil

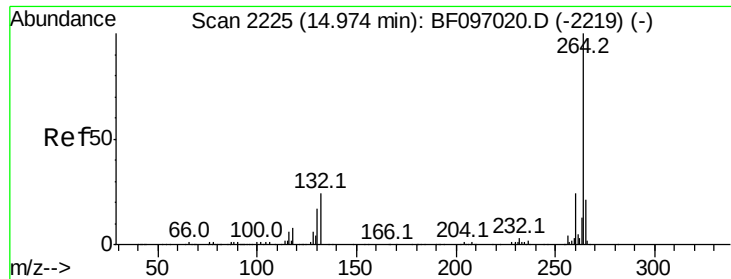
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#85
Indeno(1,2,3-cd)pyrene
Concen: 29.870 ng
RT: 16.20 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	36.9	27.8	41.6
277	24.9	20.2	30.4



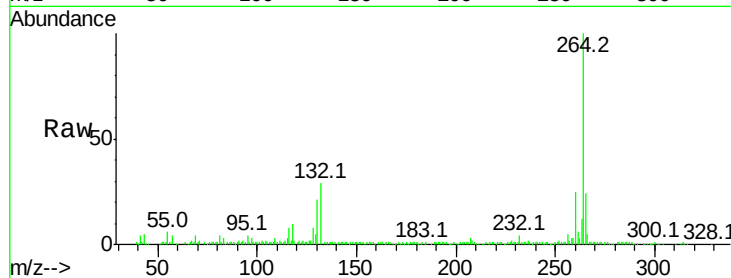


#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	24.4	17.2	25.8

Manual Integrations
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Abundance

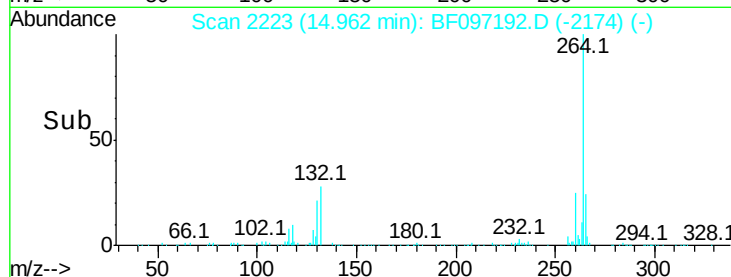
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

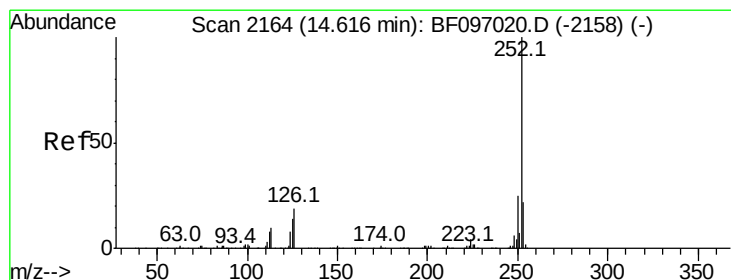
14.96

Time-->



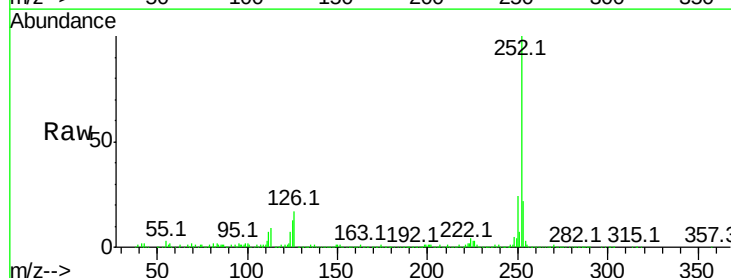
Sohil

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#87
Benzo(b)fluoranthene
Concen: 45.691 ng
RT: 14.61 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.1	9.8	14.8



Abundance

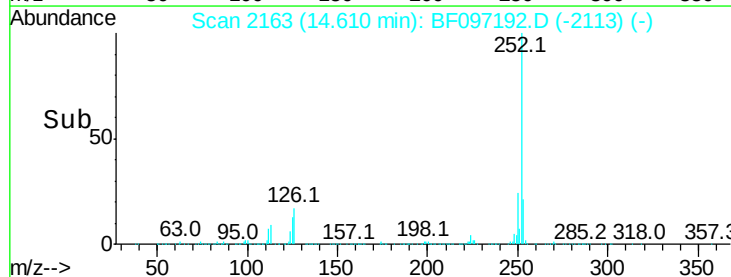
Ion 252.00 (251.70 to 252.70): E

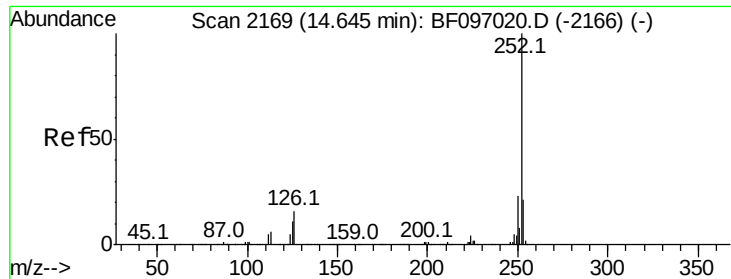
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

14.61

Time-->



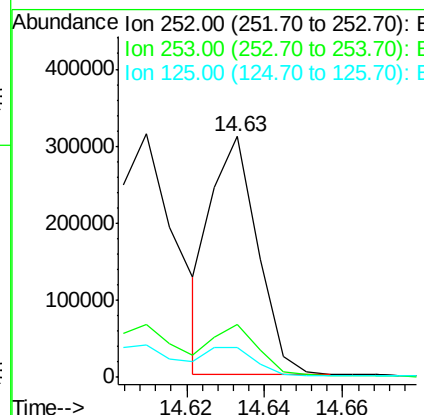
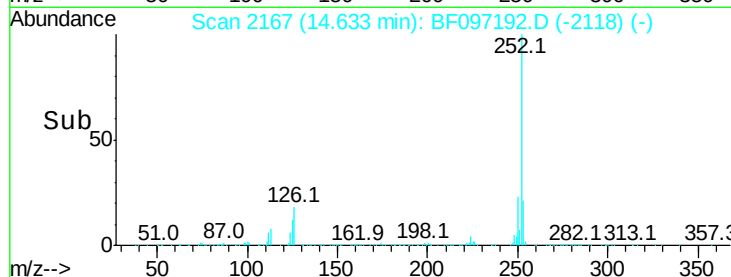
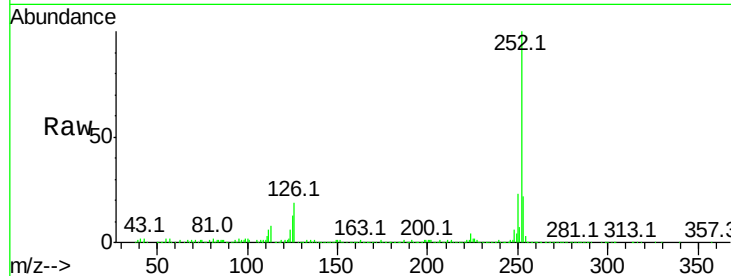


#88
Benzo(k)fluoranthene
Concen: 34.194 ng
RT: 14.63 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Instrument :
BNA_F
ClientSampleId :
E2-HS5-BASE

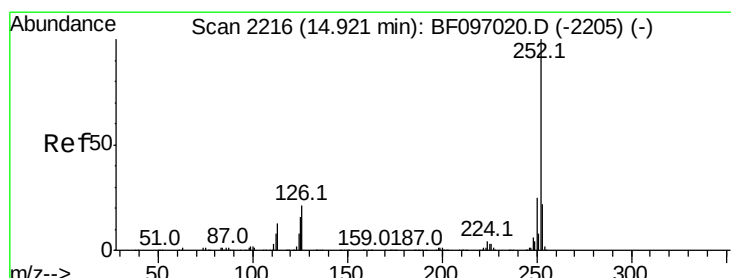
Tot Ion	Ratio	Resp	Lower	Upper
252	100	256315		
253	21.8	18.4	27.6	
125	12.6	13.1	19.7	

Manual Integrations
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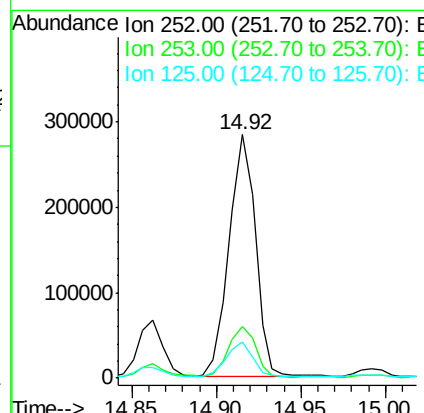
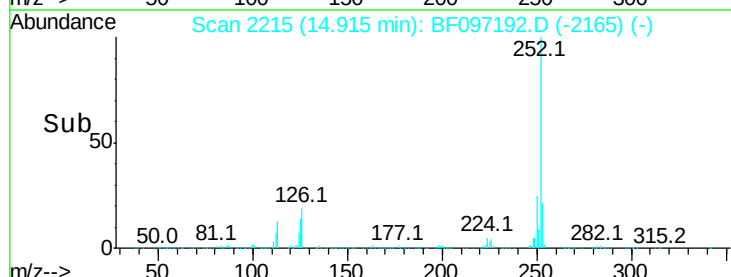
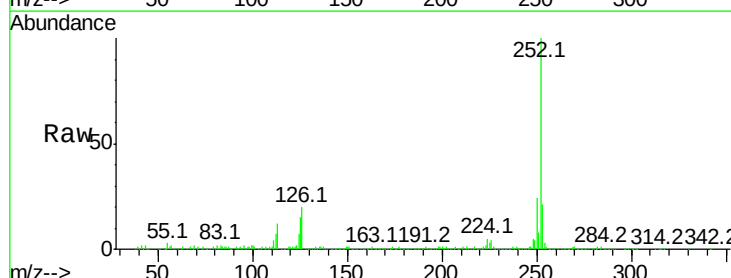
Sohil

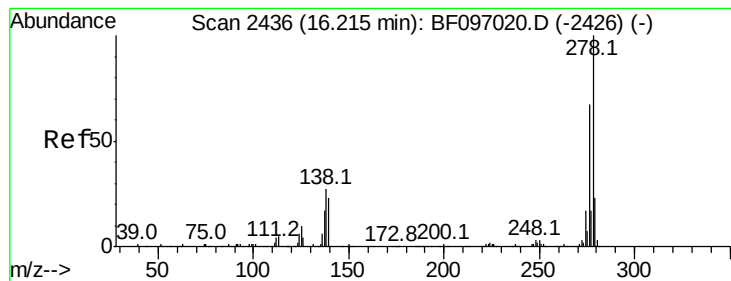
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#89
Benzo(a)pyrene
Concen: 43.194 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF097192.D
Acq: 29 Jul 2017 9:33

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	310971		
253	21.4	17.5	26.3	
125	15.0	11.0	16.4	





#90

Dibenzo(a,h)anthracene

Concen: 36.583 ng

RT: 16.20 min Scan# 2433

Delta R.T. -0.02 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

Instrument :

BNA_F

ClientSampleId :

E2-HS5-BASE

Tot Ion:278 Resp: 215985

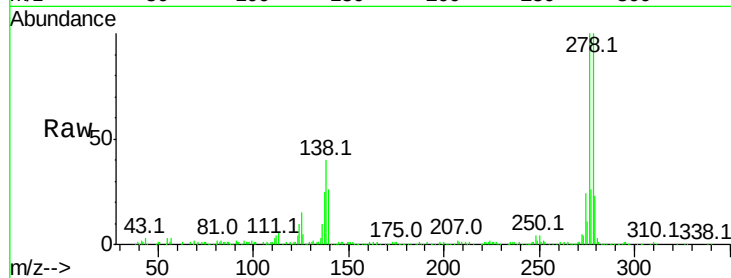
Ion Ratio Lower Upper

278 100

139 26.2 16.6 24.8#

279 23.0 19.3 28.9

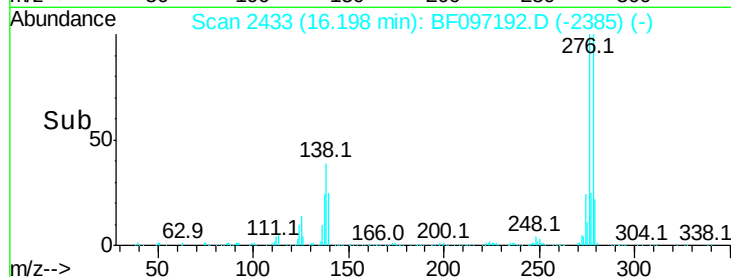
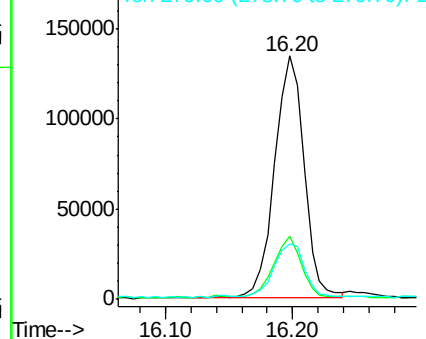
Manual Integrations
APPROVED



Abundance Ion 278.00 (277.70 to 278.70): E

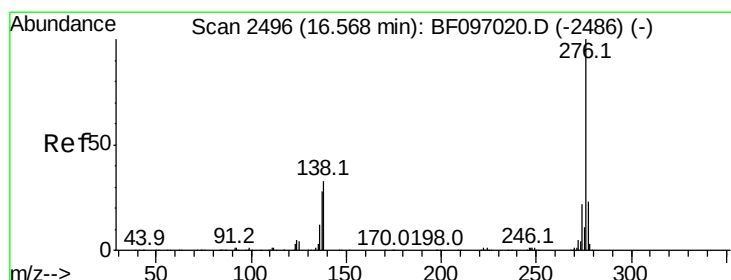
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Sohil

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#91

Benzo(g,h,i)perylene

Concen: 39.230 ng

RT: 16.56 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BF097192.D

Acq: 29 Jul 2017 9:33

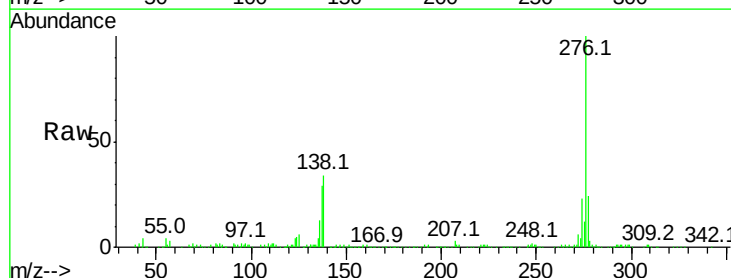
Tgt Ion:276 Resp: 242885

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 34.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

