

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033117\
 Data File : BF094089.D
 Acq On : 31 Mar 2017 11:47
 Operator : SJ/MA
 Sample : I2384-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Manual Integrations
 APPROVED

mohammad

Quant Time: Apr 03 04:16:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

3/31/2017 4:31:48 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.90	152	176374	20.00	ng	0.00
21) Naphthalene-d8	7.40	136	697009	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	319179	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	551906	20.00	ng	0.00
75) Chrysene-d12	14.63	240	414252	20.00	ng	0.00
86) Perylene-d12	16.25	264	228581	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	1249858	119.69	ng	0.02
7) Phenol-d6	5.52	99	1541787	119.35	ng	0.00
23) Nitrobenzene-d5	6.56	82	1032887	84.57	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	359309	142.46	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	1882481	89.96	ng	0.00
78) Terphenyl-d14	13.35	244	1557900	84.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	188889	37.65	ng	# 81
3) Pyridine	2.87	79	401532	29.37	ng	98
4) n-Nitrosodimethylamine	2.81	42	231809	41.20	ng	90
6) Aniline	5.53	93	218423	12.15	ng	# 1
8) 2-Chlorophenol	5.67	128	502986	43.82	ng	98
9) Benzaldehyde	5.39	77	83585	9.58	ng	97
10) Phenol	5.53	94	563720	38.35	ng	98
11) bis(2-Chloroethyl)ether	5.61	93	540569	47.05	ng	98
12) 1,3-Dichlorobenzene	5.83	146	534972	41.55	ng	99
13) 1,4-Dichlorobenzene	5.92	146	550265	42.20	ng	97
14) 1,2-Dichlorobenzene	6.10	146	560572	46.68	ng	97
15) Benzyl Alcohol	6.07	79	395568	41.84	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.23	45	688091	38.87	ng	95
17) 2-Methylphenol	6.22	107	426002	43.34	ng	96
18) Hexachloroethane	6.49	117	192627	42.03	ng	89
19) n-Nitroso-di-n-propylamine	6.39	70	357283	43.03	ng	99
20) 3+4-Methylphenols	6.40	107	542225	45.54	ng	# 63
22) Acetophenone	6.37	105	726962	46.80	ng	# 86
24) Nitrobenzene	6.57	77	526038	43.67	ng	93
25) Isophorone	6.86	82	941891	43.89	ng	95
26) 2-Nitrophenol	6.95	139	289260	50.35	ng	98
27) 2,4-Dimethylphenol	7.02	122	475206	48.01	ng	97
28) bis(2-Chloroethoxy)methane	7.12	93	601356	42.49	ng	99
29) 2,4-Dichlorophenol	7.25	162	443905	47.97	ng	97
30) 1,2,4-Trichlorobenzene	7.34	180	432509	45.37	ng	99
31) Naphthalene	7.43	128	1979306	59.06	ng	100
32) Benzoic acid	7.18	122	257743	39.12	ng	90
33) 4-Chloroaniline	7.50	127	114730	8.45	ng	# 94
34) Hexachlorobutadiene	7.59	225	218265	44.65	ng	97
35) Caprolactam	7.96	113	126758m	42.95	ng	
36) 4-Chloro-3-methylphenol	8.12	107	462641	47.84	ng	90
37) 2-Methylnaphthalene	8.27	142	1134544	50.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.48	216	377551	43.24	ng	99
40) Hexachlorocyclopentadiene	8.47	237	333872	81.71	ng	100

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Manual Integrations
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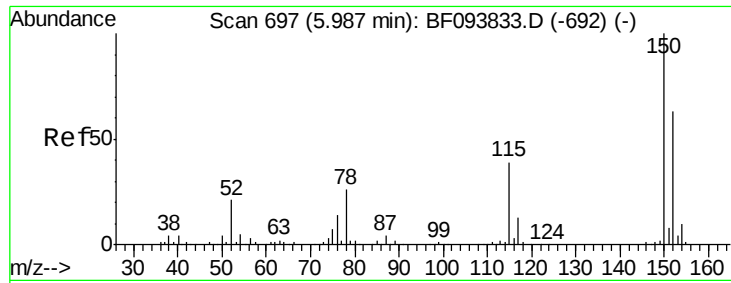
mohammad

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.63	196	296101	47.93	nq	97
43) 2,4,5-Trichlorophenol	8.69	196	303856	45.46	nq	# 92
45) 1,1'-Biphenyl	8.85	154	1142779	44.39	nq	98
46) 2-Chloronaphthalene	8.87	162	897317	44.53	nq	95
47) 2-Nitroaniline	9.00	65	267095	44.68	nq	# 78
48) Acenaphthylene	9.37	152	1416976	42.31	nq	99
49) Dimethylphthalate	9.24	163	1061243	46.77	nq	99
50) 2,6-Dinitrotoluene	9.30	165	244263	46.96	nq	94
51) Acenaphthene	9.59	154	868131	44.42	nq	99
52) 3-Nitroaniline	9.50	138	89576	14.67	nq	89
53) 2,4-Dinitrophenol	9.63	184	178946	65.21	nq	# 75
54) Dibenzofuran	9.80	168	1249480	46.97	nq	99
55) 4-Nitrophenol	9.75	139	363693	76.04	nq	# 67
56) 2,4-Dinitrotoluene	9.80	165	292512	44.77	nq	# 69
57) Fluorene	10.22	166	938090	42.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.96	232	225056	49.07	nq	97
59) Diethylphthalate	10.11	149	1026304	45.77	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	404241	43.01	nq	94
61) 4-Nitroaniline	10.26	138	199000	33.95	nq	95
62) Azobenzene	10.42	77	974830	45.95	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	139974	41.41	nq	# 73
65) n-Nitrosodiphenylamine	10.38	169	696203	36.48	nq	98
66) 4-Bromophenyl-phenylether	10.83	248	254821	46.95	nq	99
67) Hexachlorobenzene	10.90	284	258580	47.06	nq	# 85
68) Atrazine	11.04	200	73395	12.84	nq	95
69) Pentachlorophenol	11.15	266	267454	78.20	nq	99
70) Phenanthrene	11.40	178	1380005	44.95	nq	99
71) Anthracene	11.47	178	1406941	44.51	nq	98
72) Carbazole	11.67	167	1039071	32.06	nq	98
73) Di-n-butylphthalate	12.12	149	1576380	46.76	nq	99
74) Fluoranthene	12.86	202	1392131	44.28	nq	99
77) Pyrene	13.14	202	1397347	46.48	nq	99
79) Butylbenzylphthalate	13.96	149	665394	51.95	nq	# 85
80) Benzo(a)anthracene	14.62	228	1074632	44.49	nq	99
81) 3,3'-Dichlorobenzidine	14.58	252	26048	3.02	nq	96
82) Chrysene	14.66	228	959158	42.79	nq	99
83) Bis(2-ethylhexyl)phthalate	14.67	149	900392	51.52	nq	# 99
84) Di-n-octyl phthalate	15.43	149	1424738	48.80	nq	98
85) Indeno(1,2,3-cd)pyrene	17.60	276	817964	42.13	nq	100
87) Benzo(b)fluoranthene	15.84	252	868758	62.00	nq	98
88) Benzo(k)fluoranthene	15.88	252	752782m	54.91	nq	
89) Benzo(a)pyrene	16.19	252	725809	56.25	nq	98
90) Dibenzo(a,h)anthracene	17.63	278	680195	62.25	nq	98
91) Benzo(g,h,i)perylene	18.00	276	688185	62.49	nq	99

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



#1

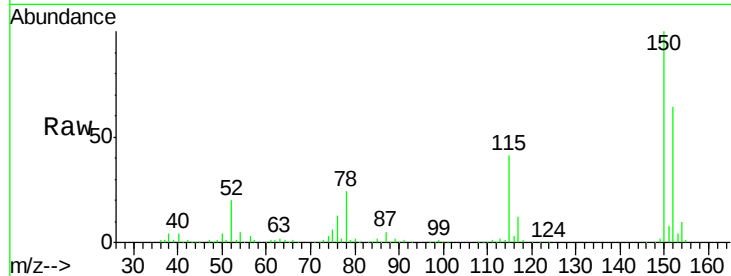
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.90 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.2
115	63.4	52.2	78.2

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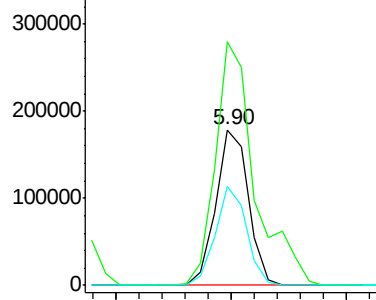


Abundance

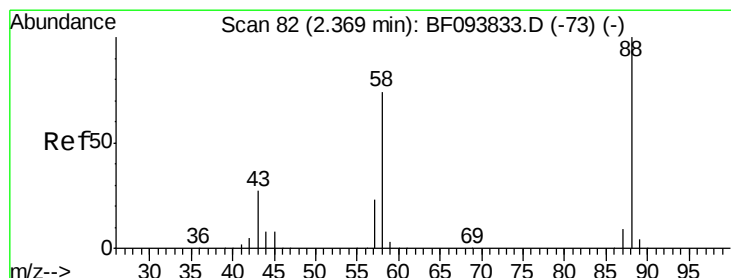
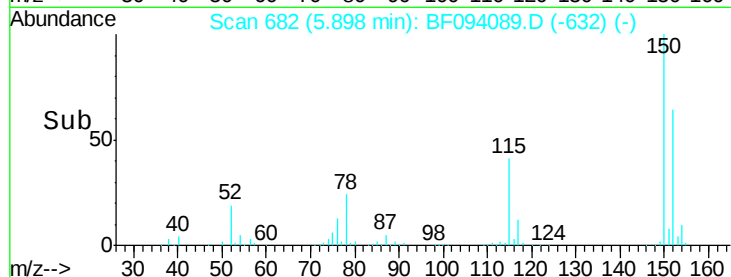
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



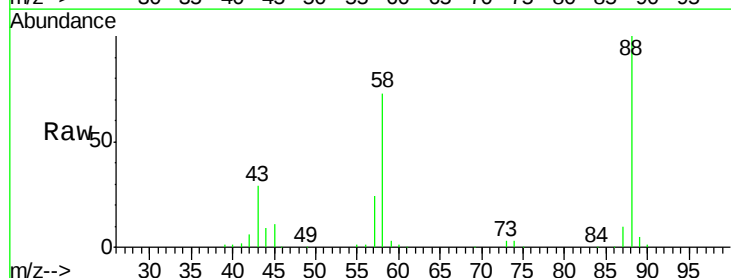
3/31/2017 4:31:48 PM



#2

1,4-Dioxane
Concen: 37.65 ng
RT: 2.43 min Scan# 92
Delta R.T. 0.18 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	61.4	92.0
43	0.0	23.4	35.0

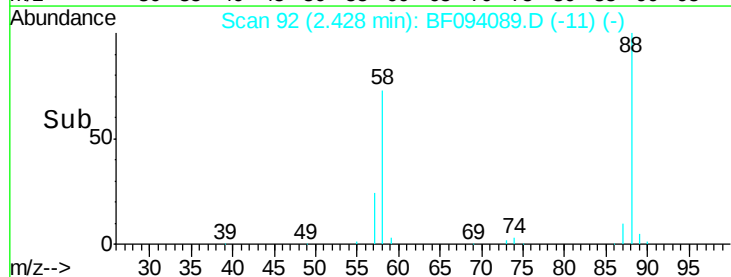
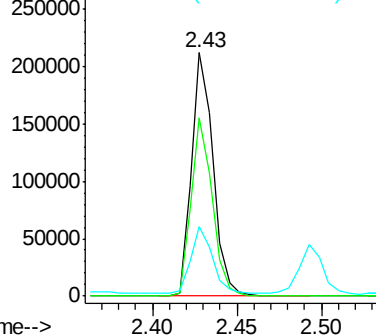


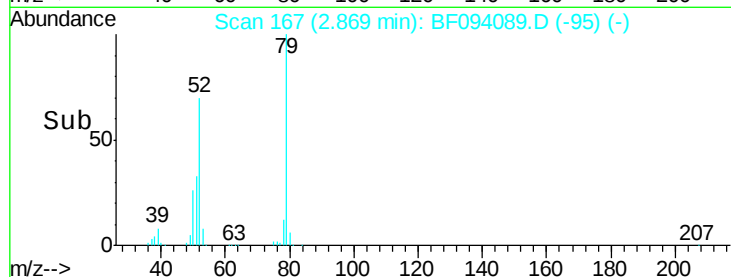
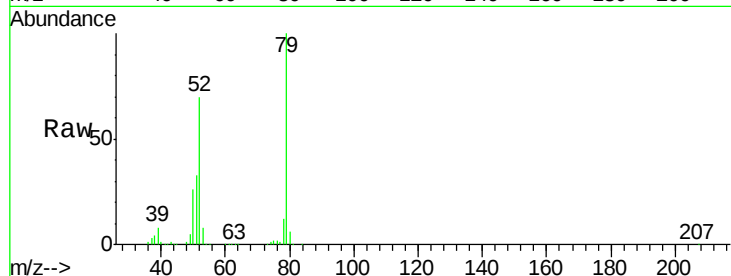
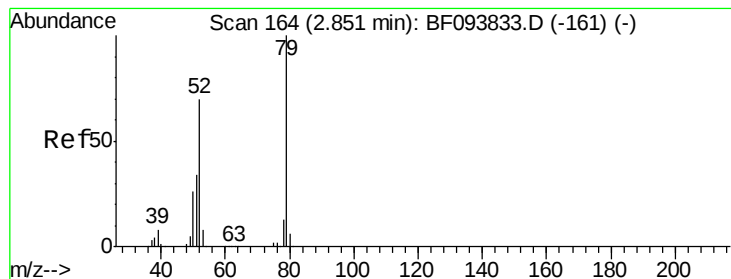
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 29.37 ng

RT: 2.87 min Scan# 167

Delta R.T. 0.12 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tot Ion:	79	Resp:	401532
Ion Ratio	Lower	Upper	
79	100		
52	70.2	54.8	82.2
51	32.9	27.0	40.4

Instrument :

BNA_F

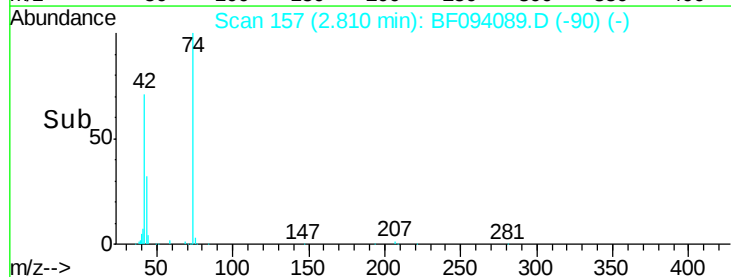
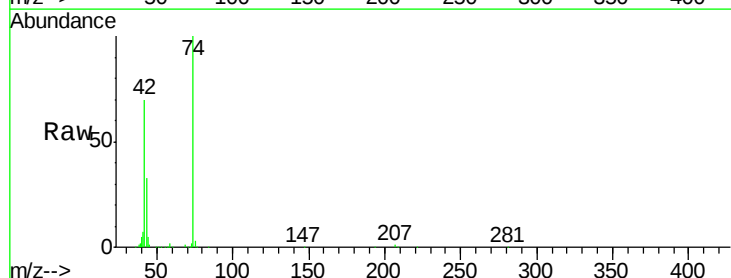
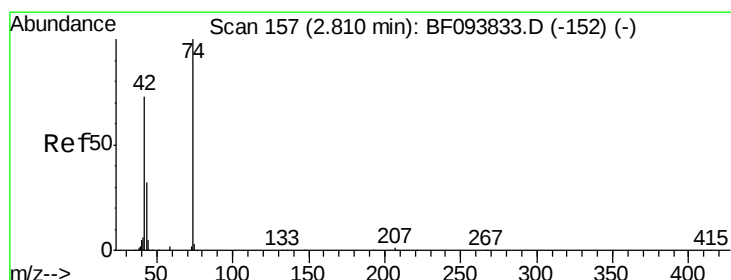
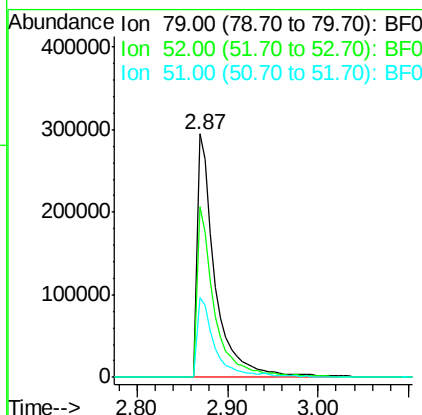
ClientSampleId :

WC-B42-B51-001MS

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3/31/2017 4:31:48 PM



#4

n-Nitrosodimethylamine

Concen: 41.20 ng

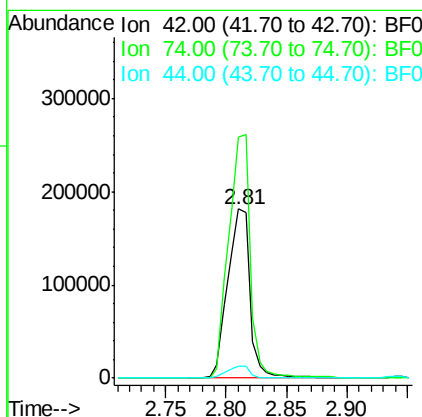
RT: 2.81 min Scan# 157

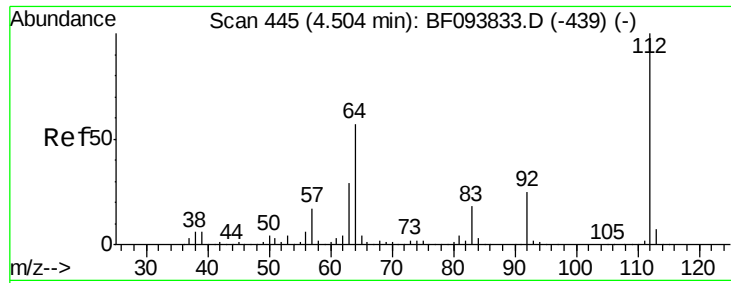
Delta R.T. 0.09 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:	42	Resp:	231809
Ion Ratio	Lower	Upper	
42	100		
74	142.7	103.9	155.9
44	6.9	5.7	8.5





#5

2-Fluorophenol

Concen: 119.69 ng

RT: 4.46 min Scan# 437

Delta R.T. 0.02 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

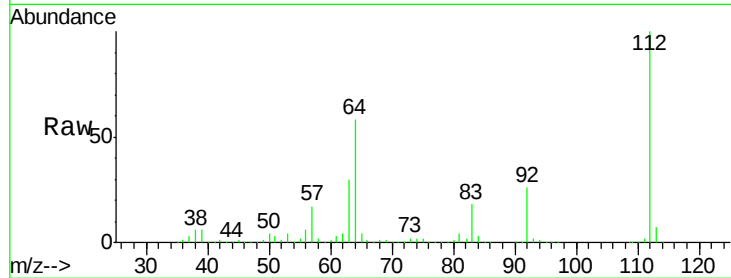
ClientSampleId :

WC-B42-B51-001MS

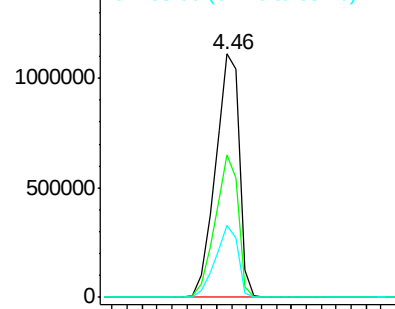
Tot Ion:	112	Resp:	1249858
Ion Ratio	Lower	Upper	
112	100		
64	58.4	46.0	69.0
63	29.6	23.4	35.0

Manual Integrations
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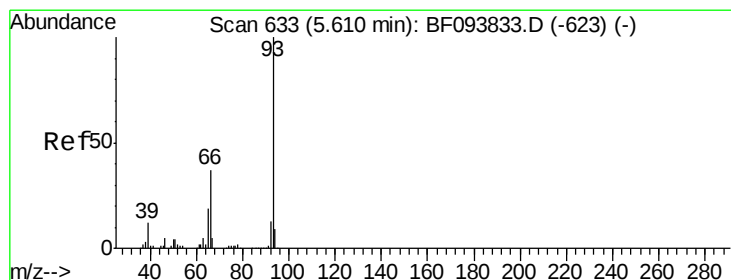
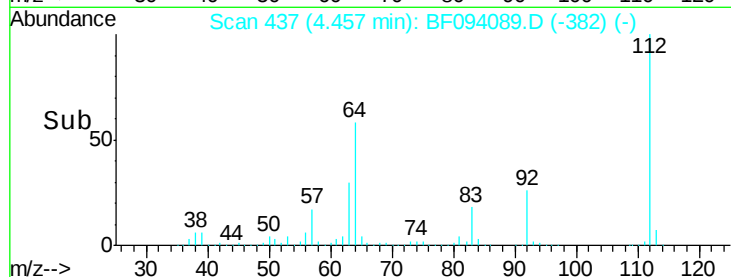
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Abundance Ion 112.00 (111.70 to 112.70): BF094089.D (-439) (-)



3/31/2017 4:31:48 PM



#6

Aniline

Concen: 12.15 ng

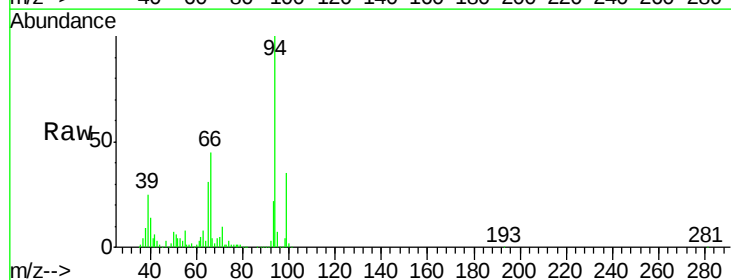
RT: 5.53 min Scan# 619

Delta R.T. -0.00 min

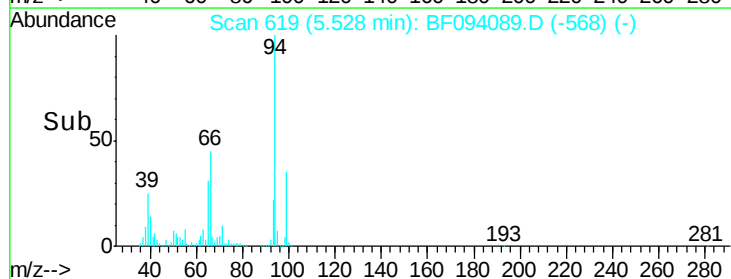
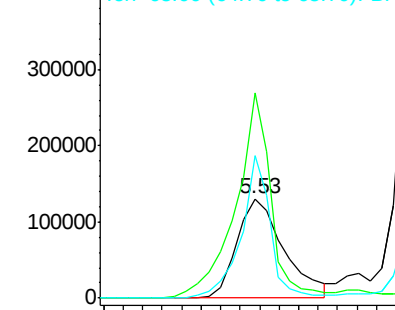
Lab File: BF094089.D

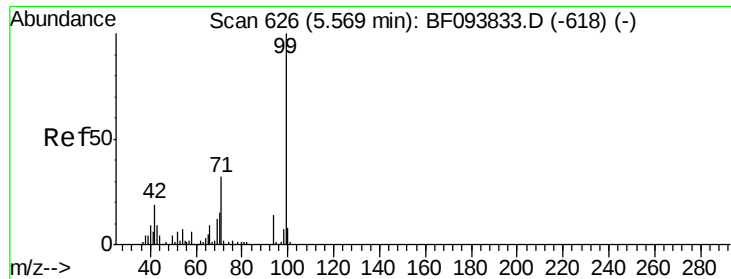
Acq: 31 Mar 2017 11:47

Tgt Ion:	93	Resp:	218423
Ion Ratio	Lower	Upper	
93	100		
66	206.6	32.9	49.3#
65	143.3	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF094089.D (-623) (-)





#7

Phenol-d6

Concen: 119.35 ng

RT: 5.52 min Scan# 617

Delta R.T. 0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion: 99 Resp: 1541787

Ion Ratio Lower Upper

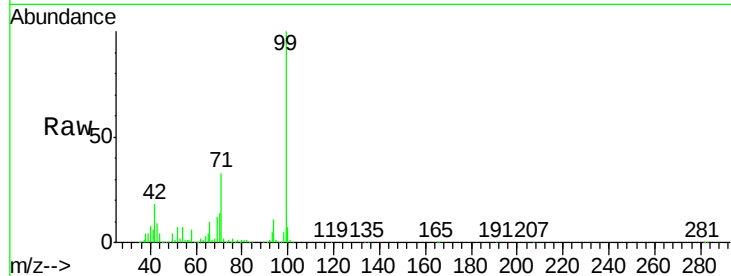
99 100

42 18.0 13.5 20.3

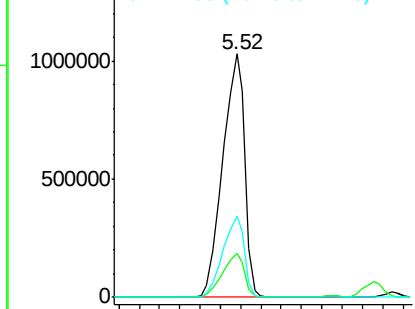
71 33.5 24.5 36.7

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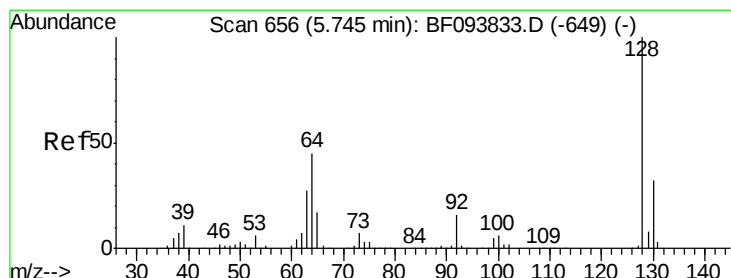
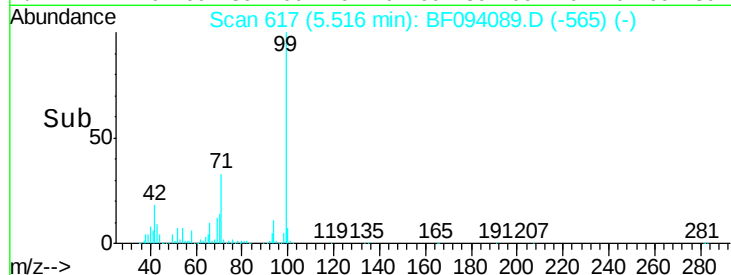
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



3/31/2017 4:31:48 PM



#8

2-Chlorophenol

Concen: 43.82 ng

RT: 5.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

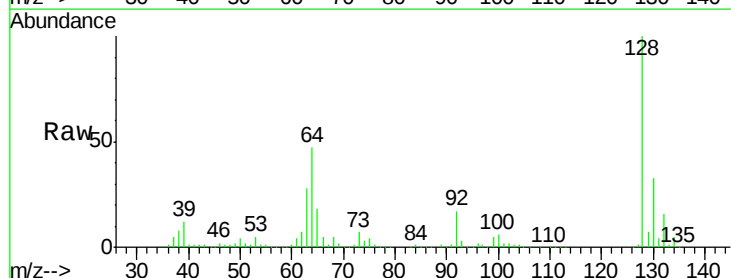
Tgt Ion: 128 Resp: 502986

Ion Ratio Lower Upper

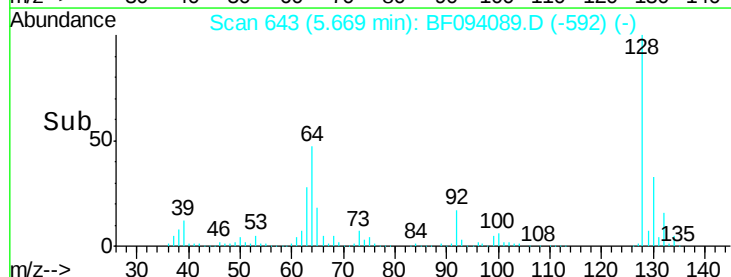
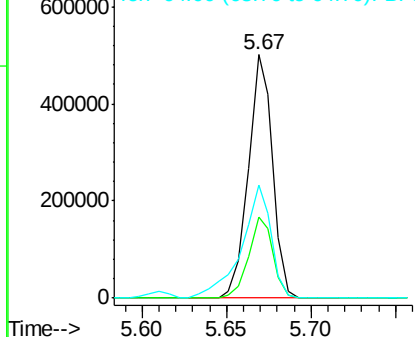
128 100

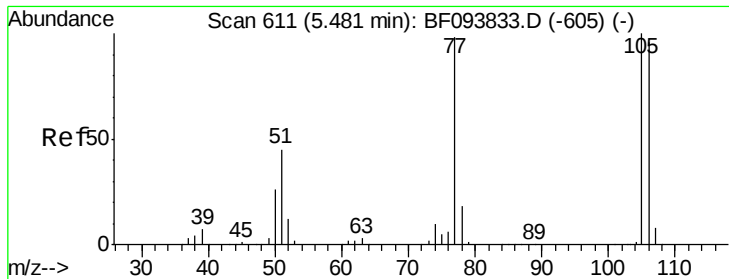
130 33.4 12.9 52.9

64 46.7 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: 9.58 ng

RT: 5.39 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

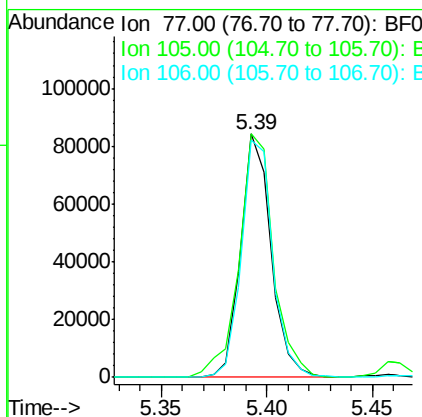
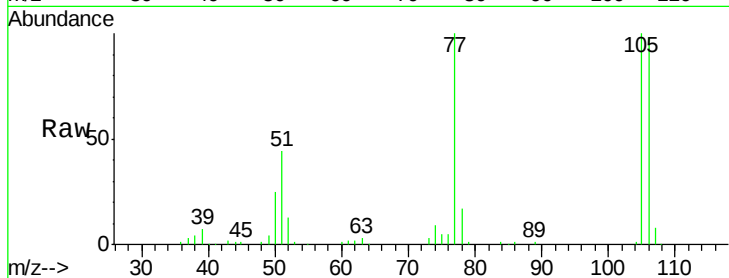
ClientSampleId :

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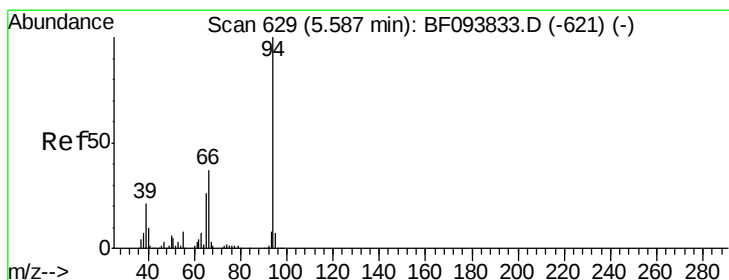
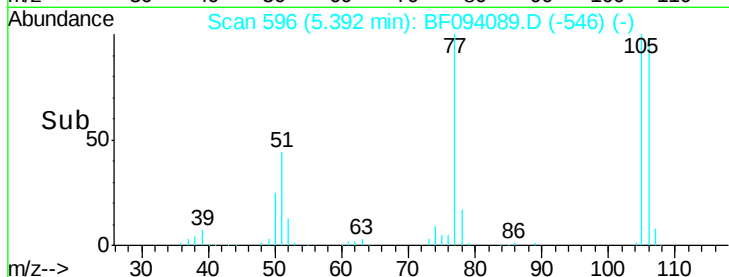
Tot Ion:	77	Resp:	83585
Ion Ratio	Lower	Upper	
77	100		
105	100.1	83.8	123.8
106	97.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 38.35 ng

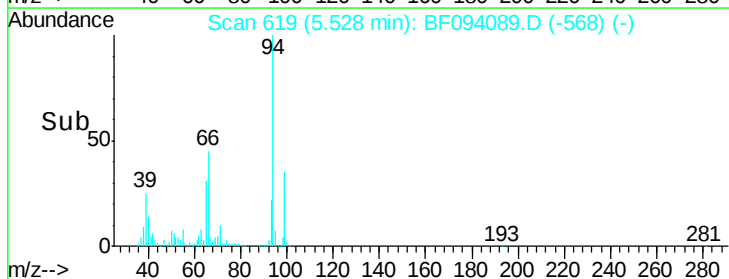
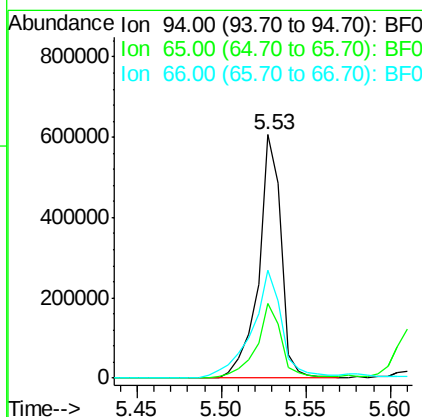
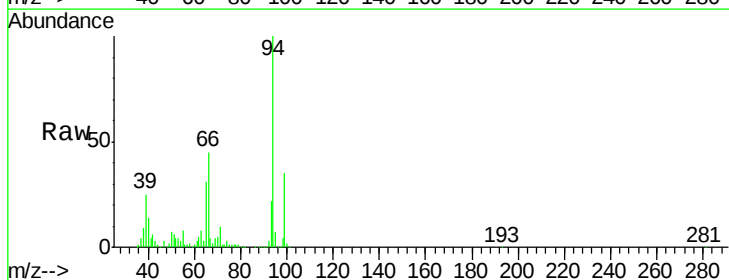
RT: 5.53 min Scan# 619

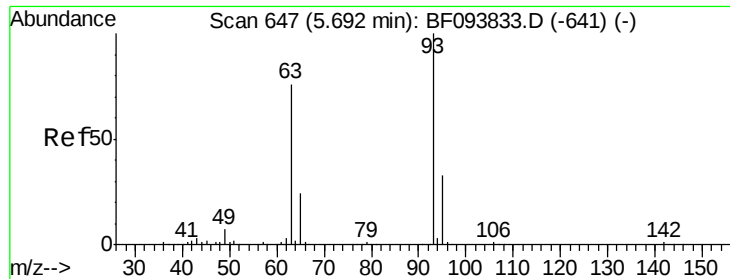
Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:	94	Resp:	563720
Ion Ratio	Lower	Upper	
94	100		
65	30.9	9.9	49.9
66	44.5	23.1	63.1





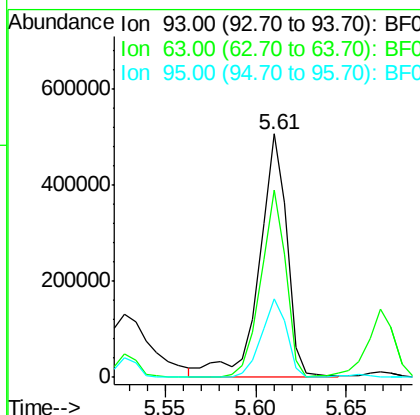
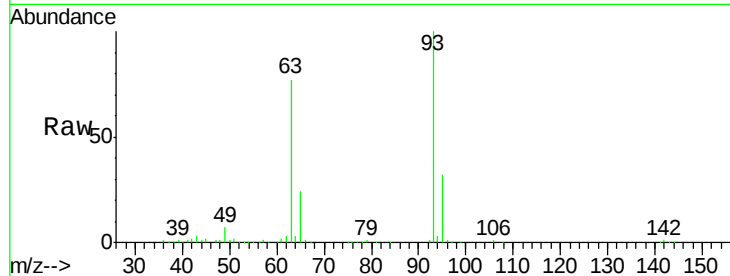
#11
bis(2-Chloroethyl)ether
Concen: 47.05 ng
RT: 5.61 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

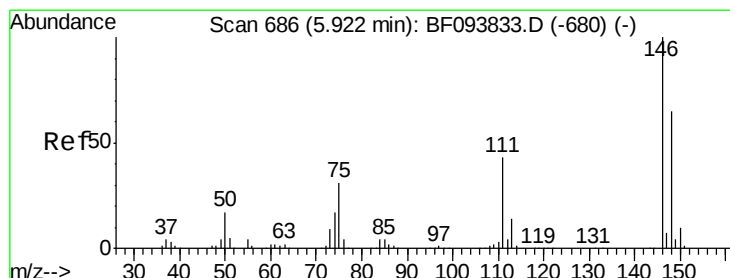
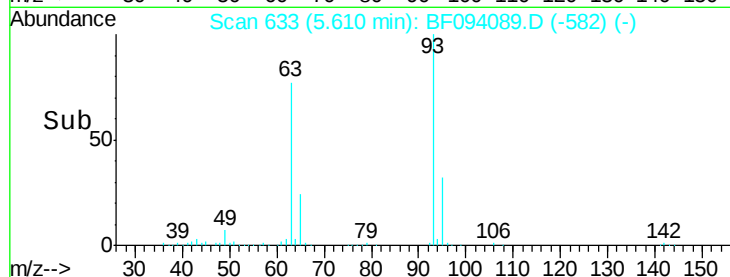
Tot Ion	93	Resp	540569
Ion Ratio	Lower	Upper	
93	100		
63	76.7	59.2	99.2
95	32.1	12.8	52.8

Manual Integrations
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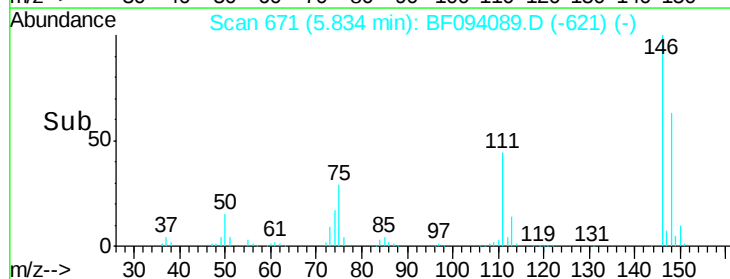
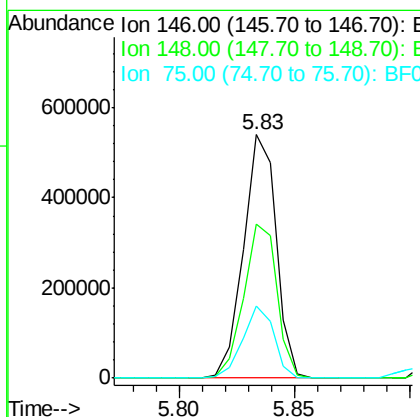
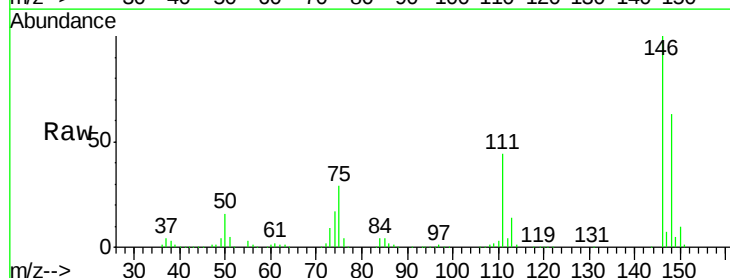


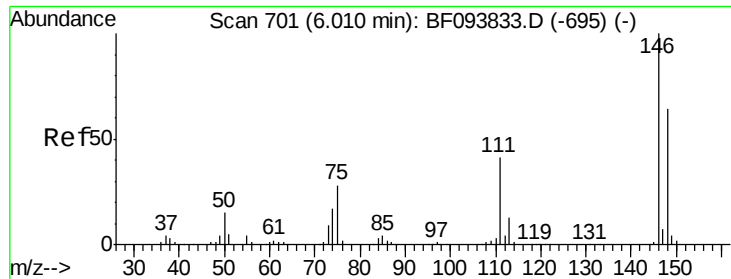
3/31/2017 4:31:48 PM



#12
1,3-Dichlorobenzene
Concen: 41.55 ng
RT: 5.83 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	146	Resp	534972
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.6
75	29.4	23.1	34.7





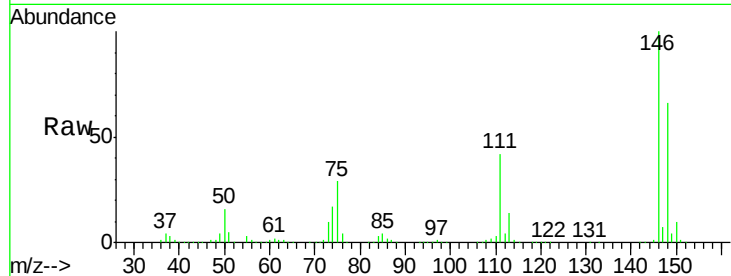
#13
1,4-Dichlorobenzene
Concen: 42.20 ng
RT: 5.92 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	42.2	30.3	45.5

Manual Integrations
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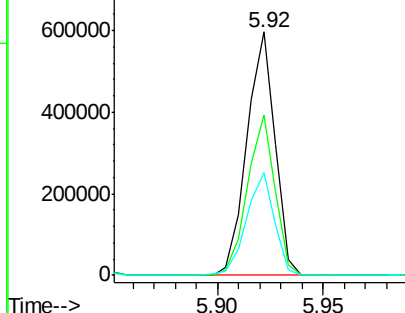


Abundance

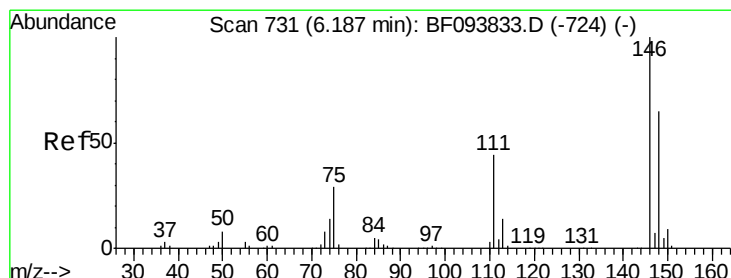
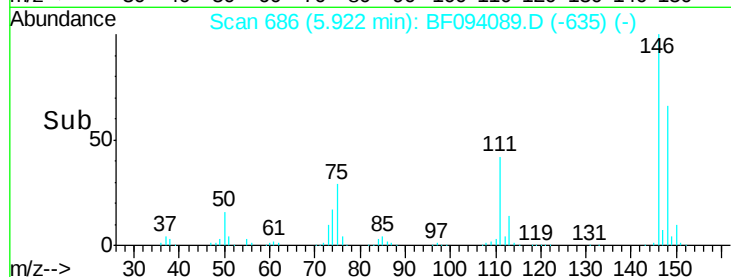
Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

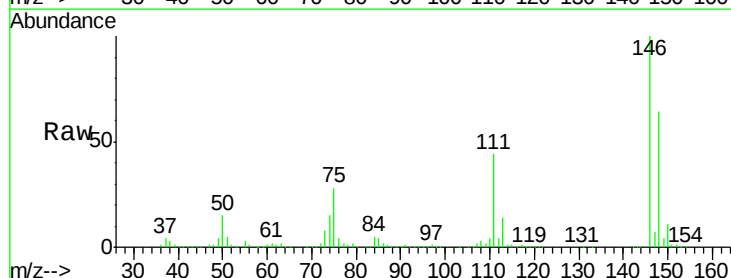


3/31/2017 4:31:48 PM



#14
1,2-Dichlorobenzene
Concen: 46.68 ng
RT: 6.10 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.4	75.6
111	43.6	38.2	57.4

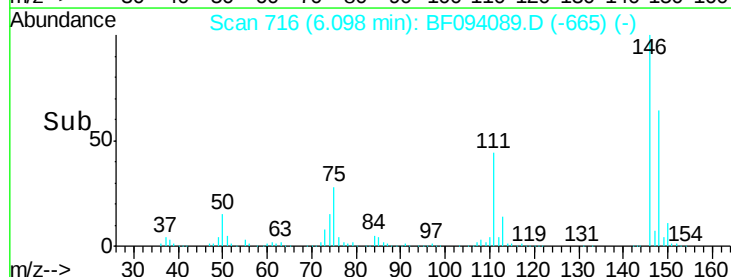
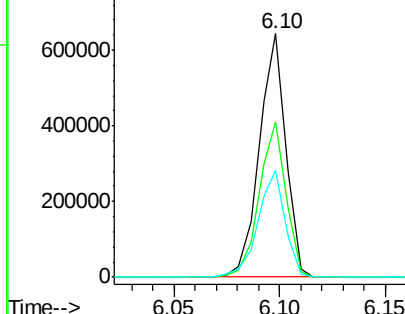


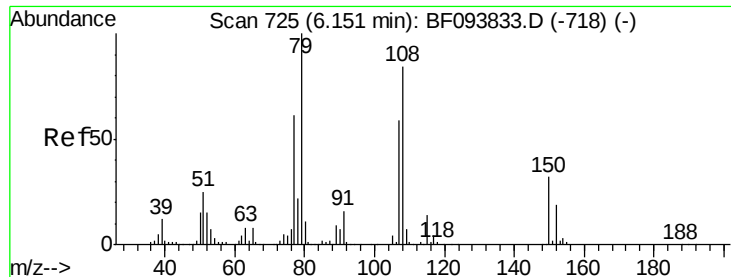
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





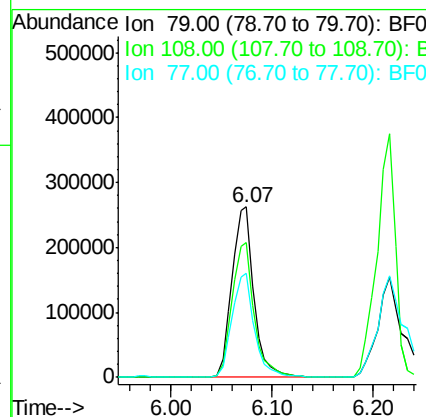
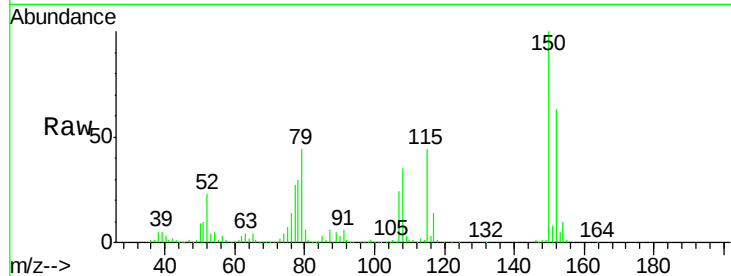
#15
Benzyl Alcohol
Concen: 41.84 ng
RT: 6.07 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

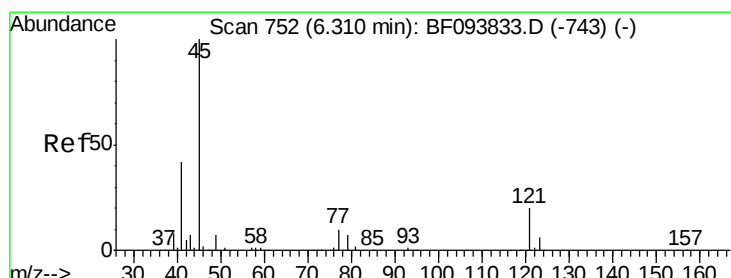
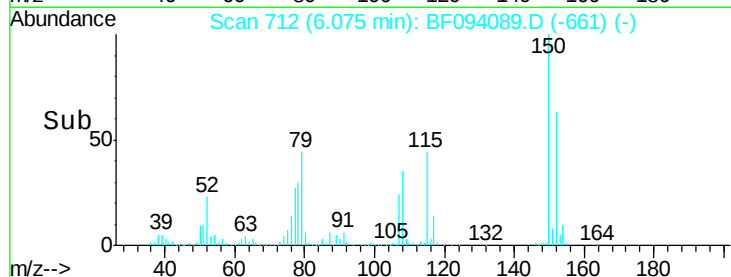
Tot Ion	Ratio	Lower	Upper
79	100		
108	79.3	63.4	95.0
77	61.2	49.2	73.8

Manual Integrations
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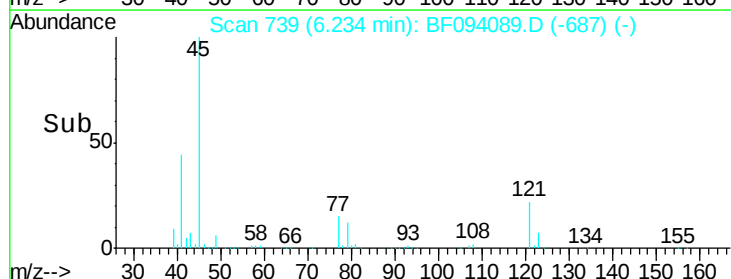
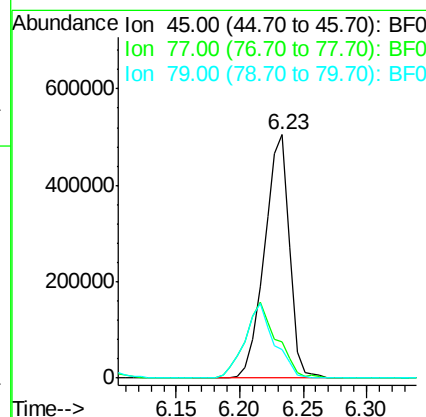
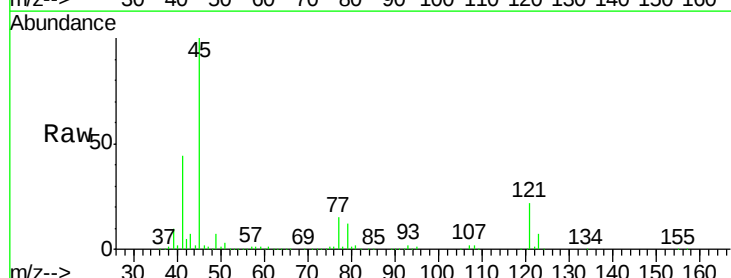


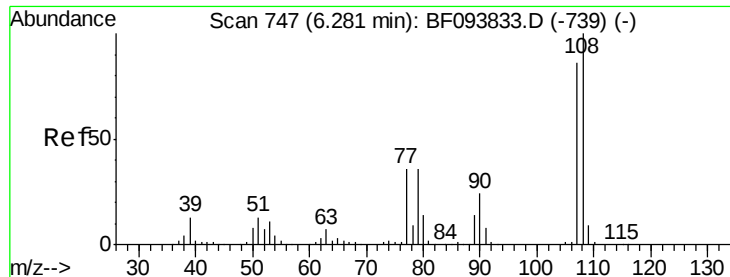
3/31/2017 4:31:48 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.87 ng
RT: 6.23 min Scan# 739
Delta R.T. 0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	33.2
79	11.9	0.0	30.0





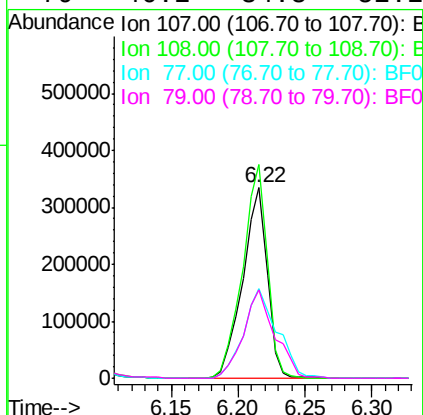
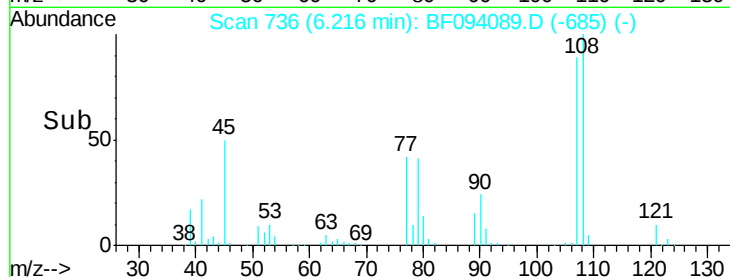
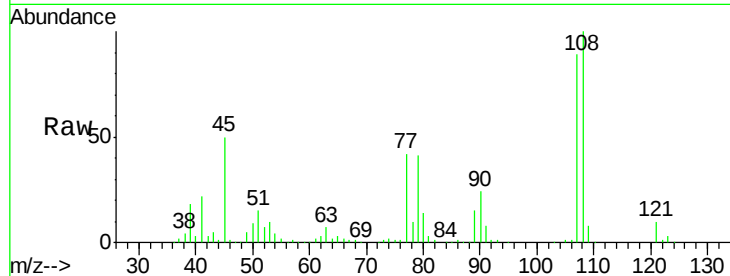
#17
2-Methylphenol
Concen: 43.34 ng
RT: 6.22 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

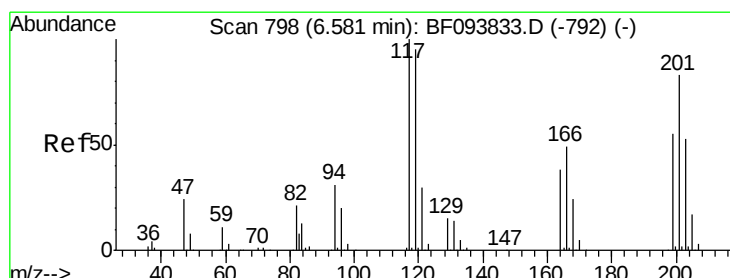
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.2	93.4	140.0
77	47.0	35.8	53.6
79	46.2	34.8	52.2

Manual Integrations
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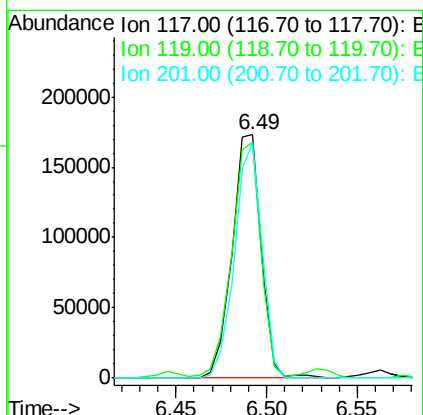
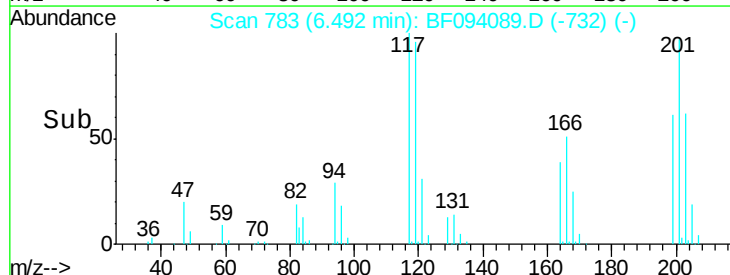
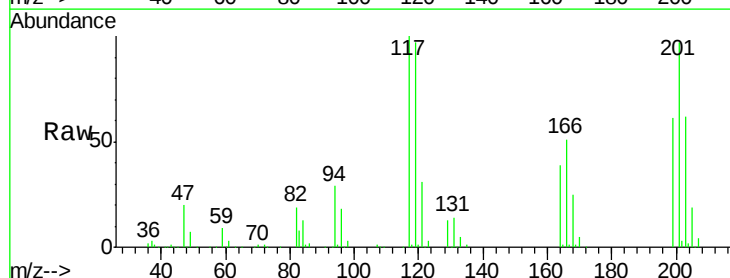


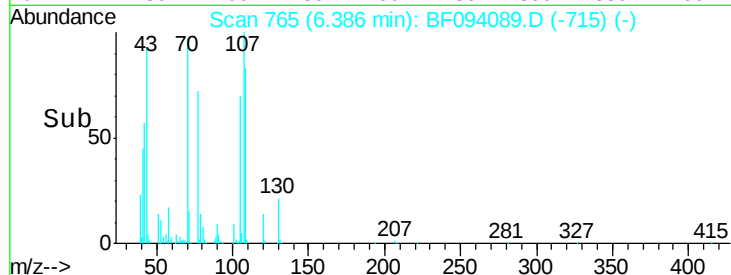
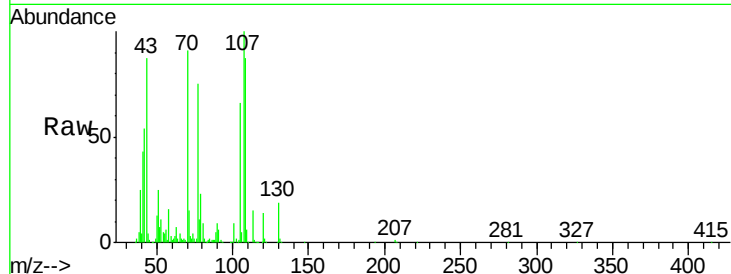
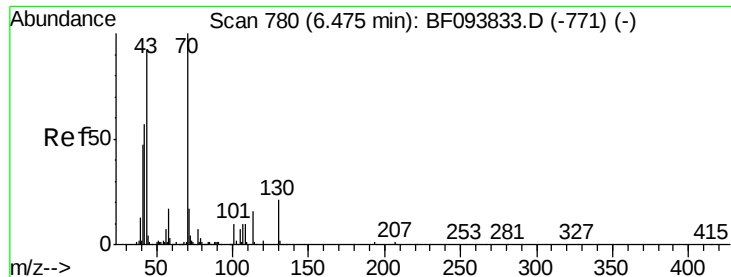
3/31/2017 4:31:48 PM



#18
Hexachloroethane
Concen: 42.03 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
201	96.7	94.6	141.8





#19
n-Nitroso-di-n-propylamine
Concen: 43.03 ng
RT: 6.39 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

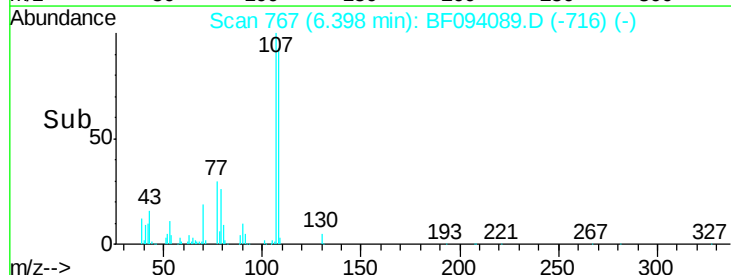
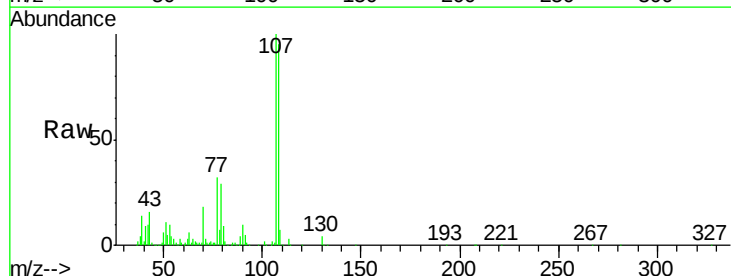
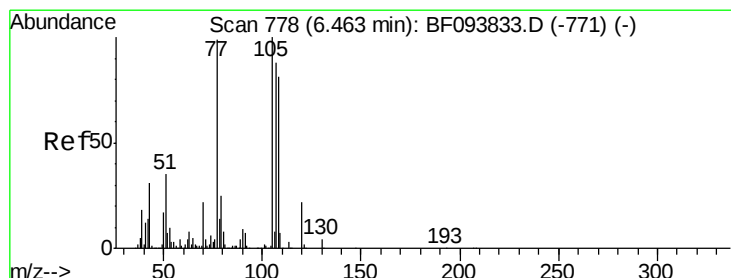
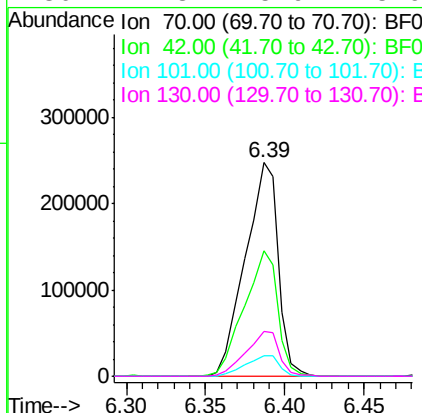
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		357283		
42	59.0	47.2	70.8		
101	9.5	7.2	10.8		
130	21.3	15.9	23.9		

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

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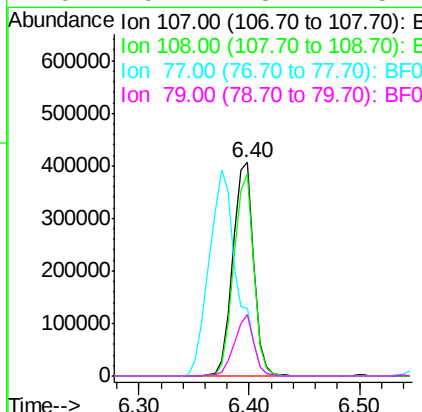
mohammad

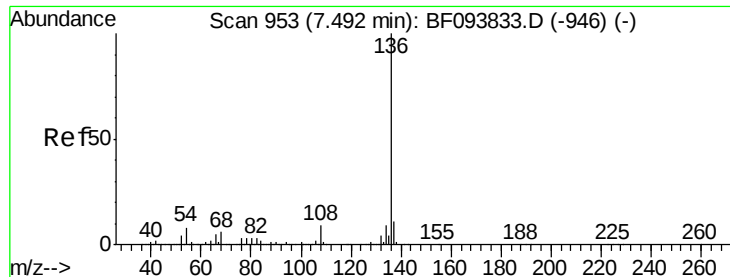
3/31/2017 4:31:48 PM



#20
3+4-Methylphenols
Concen: 45.54 ng
RT: 6.40 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		542225		
108	94.6	71.0	111.0		
77	31.7	90.5	130.5#		
79	29.1	8.4	48.4		





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.40 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

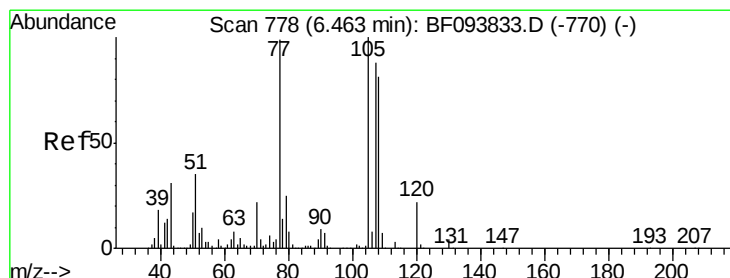
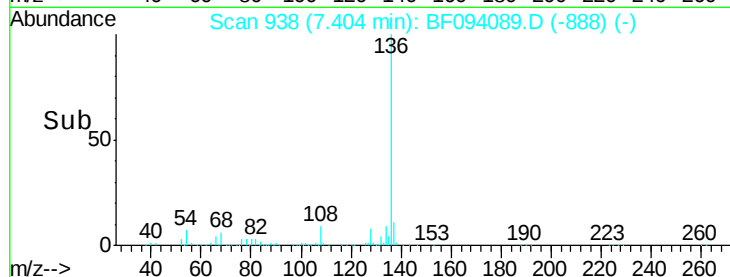
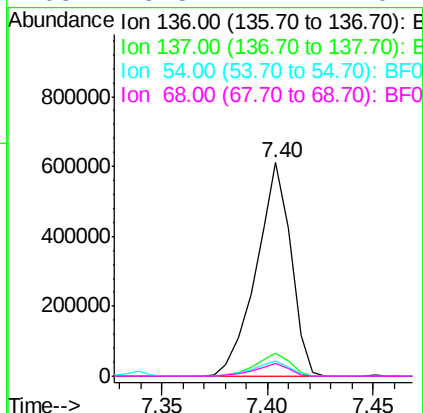
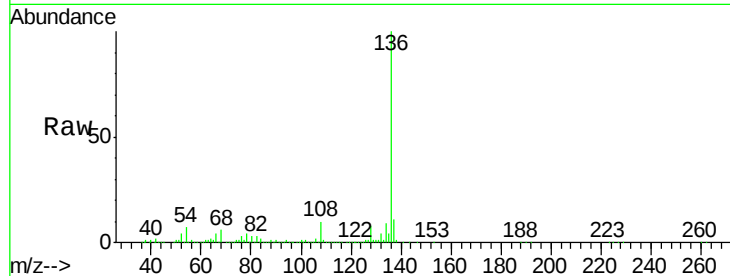
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	697009		
137	11.0		8.5	12.7
54	7.2		4.9	7.3
68	5.8		4.1	6.1

Manual Integrations
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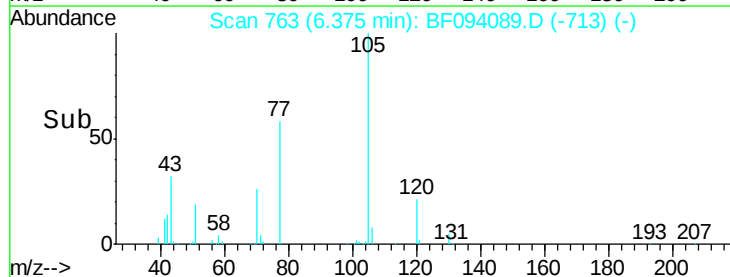
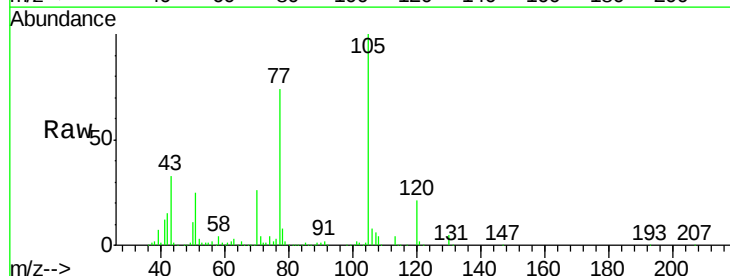
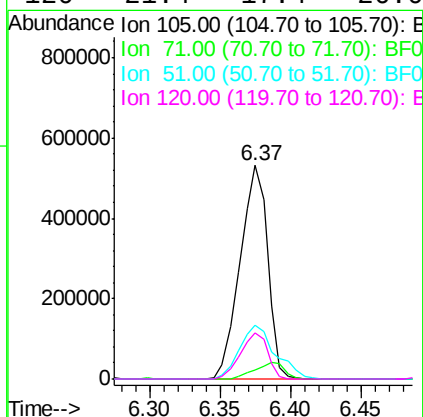
mohammad

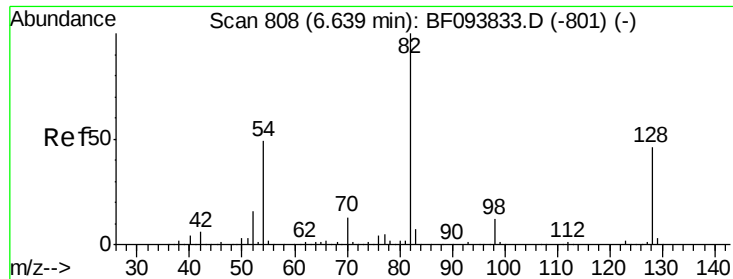
3/31/2017 4:31:48 PM



#22
Acetophenone
Concen: 46.80 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	726962		
71	4.0		2.8	4.2
51	25.0		30.7	46.1#
120	21.4		17.4	26.0





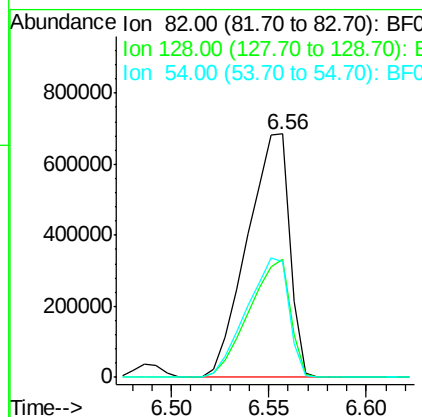
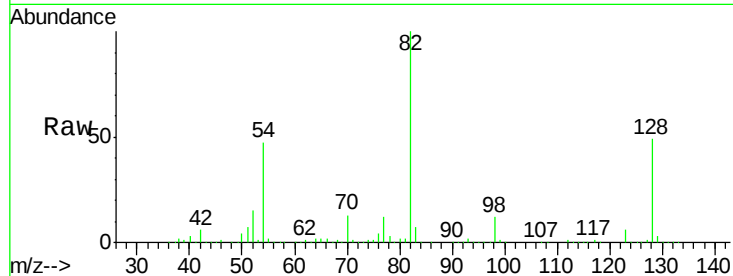
#23
Nitrobenzene-d5
Concen: 84.57 ng
RT: 6.56 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

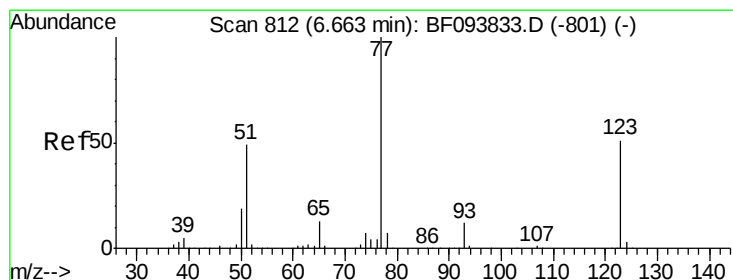
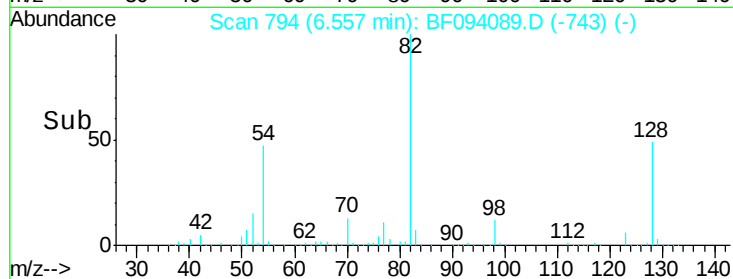
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	47.3	42.2	63.2

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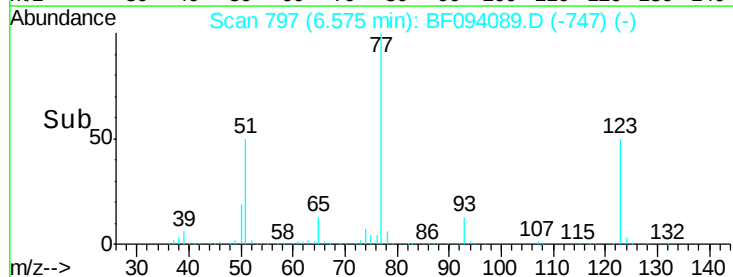
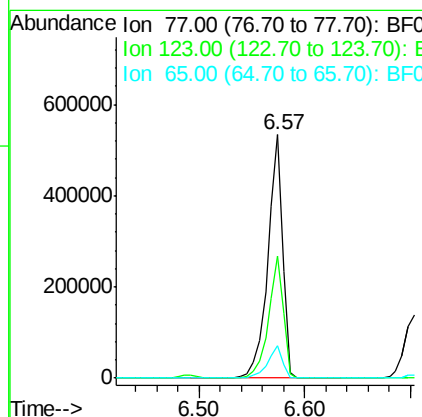
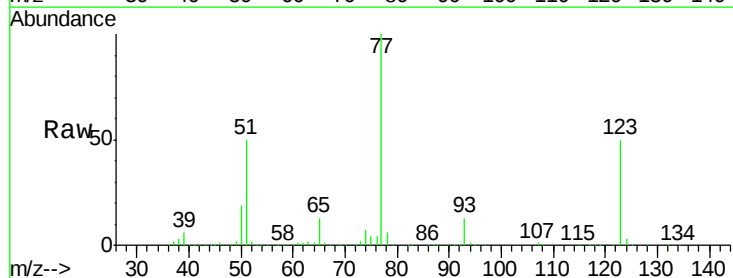


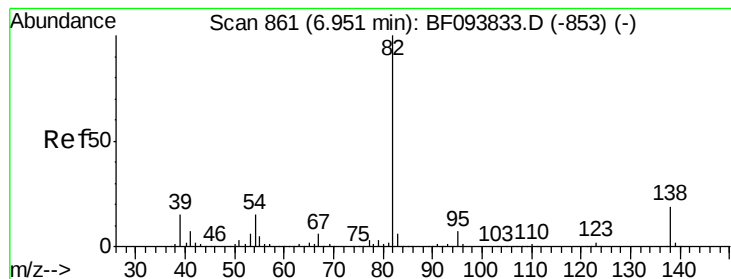
3/31/2017 4:31:48 PM



#24
Nitrobenzene
Concen: 43.67 ng
RT: 6.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 43.89 ng

RT: 6.86 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tot Ion:	82	Resp:	941891
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.5	13.1	19.7

Instrument :

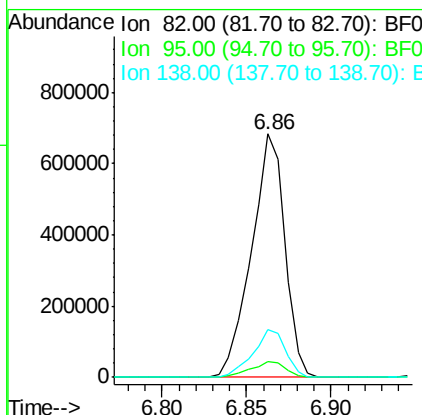
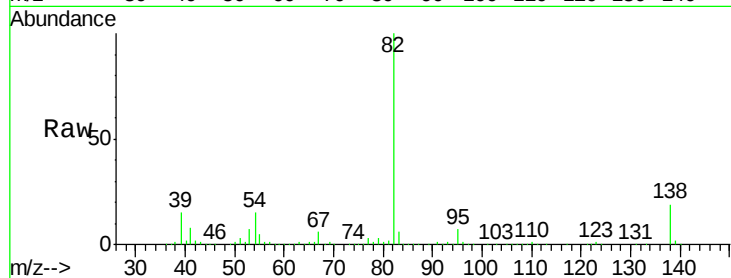
BNA_F

ClientSampleId :

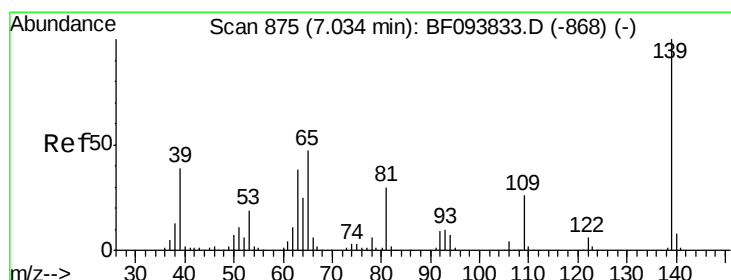
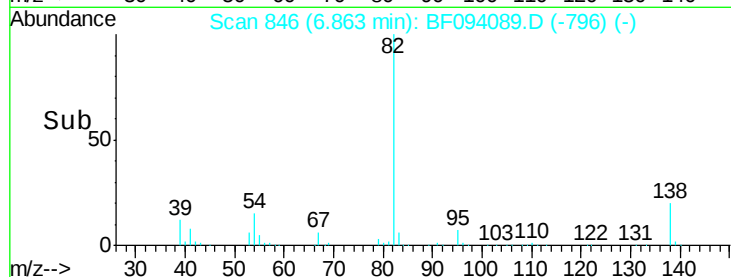
WC-B42-B51-001MS

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.35 ng

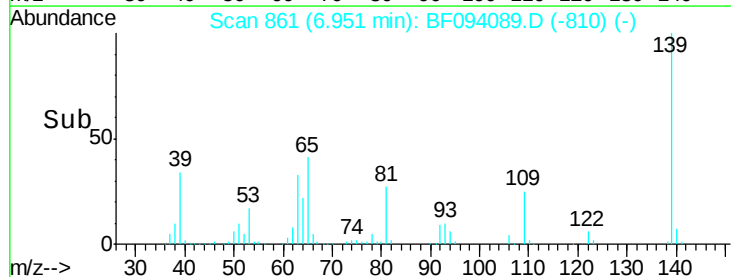
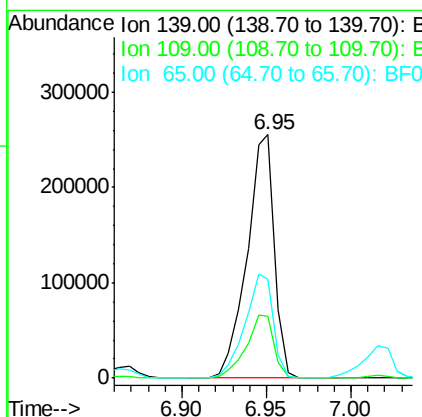
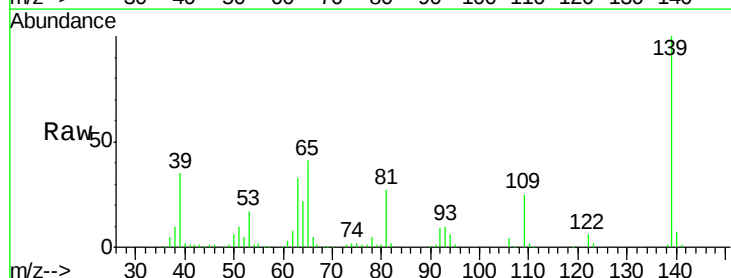
RT: 6.95 min Scan# 861

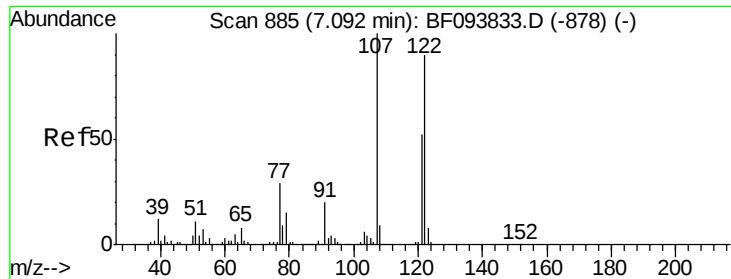
Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:	139	Resp:	289260
Ion Ratio	Lower	Upper	
139	100		
109	25.2	21.0	31.6
65	40.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 48.01 ng

RT: 7.02 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

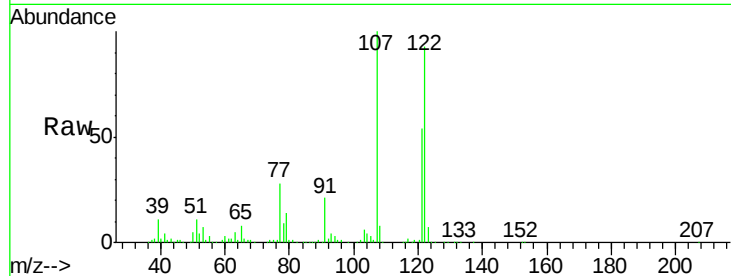
ClientSampleId :

WC-B42-B51-001MS

Tot Ion:	122	Resp:	475206
Ion Ratio	Lower	Upper	
122	100		
107	108.1	89.2	133.8
121	58.0	45.2	67.8

Manual Integrations
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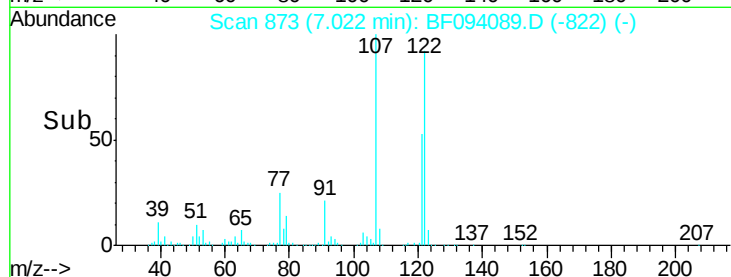


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



Abundance

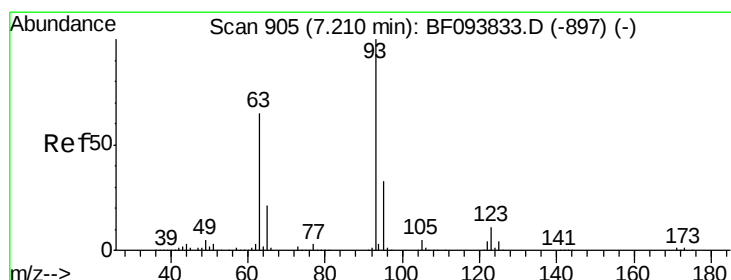
Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->

3/31/2017 4:31:48 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.49 ng

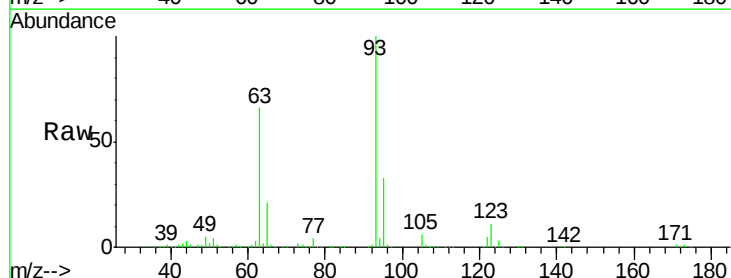
RT: 7.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion:	93	Resp:	601356
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.5	39.7
123	11.3	9.0	13.4

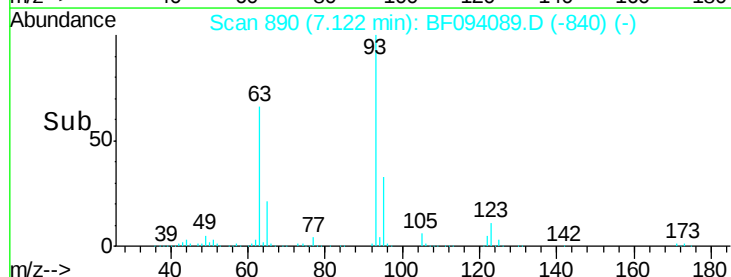


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

Time-->



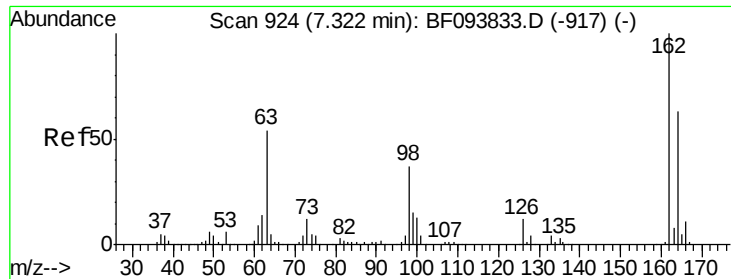
Abundance

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

Time-->



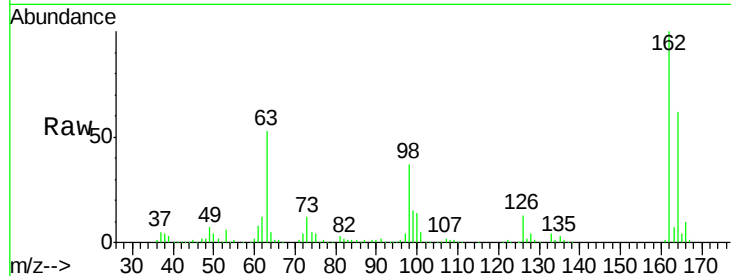
#29
 2,4-Dichlorophenol
 Concen: 47.97 ng
 RT: 7.25 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		443905		
164	62.4		44.6	84.6	
98	37.1		14.8	54.8	

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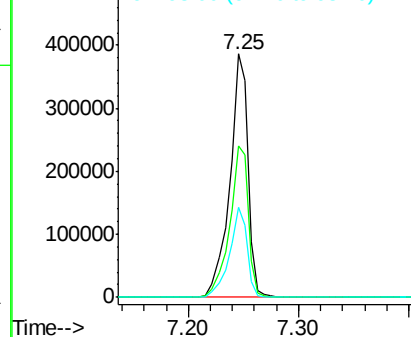


Abundance

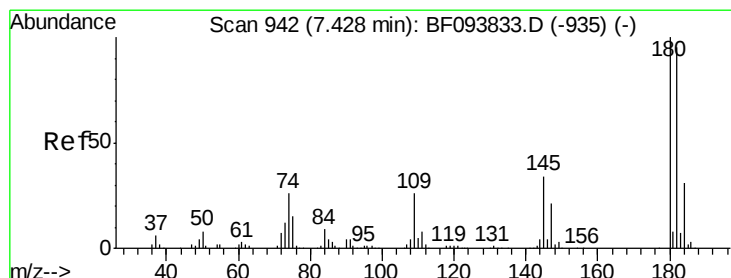
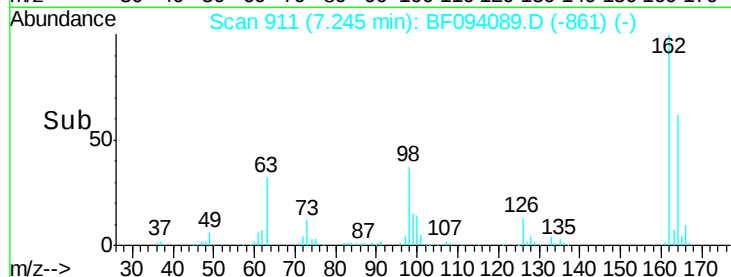
Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0

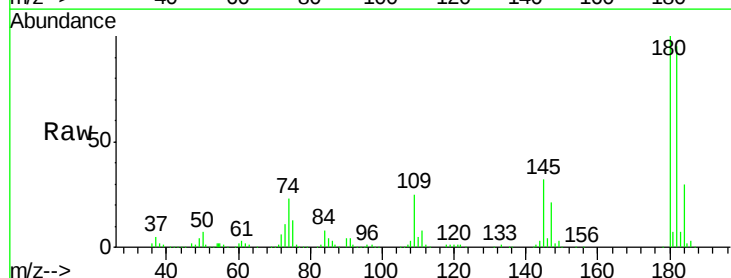


3/31/2017 4:31:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.37 ng
 RT: 7.34 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		432509		
182	95.2		75.8	113.6	
145	32.3		25.3	37.9	

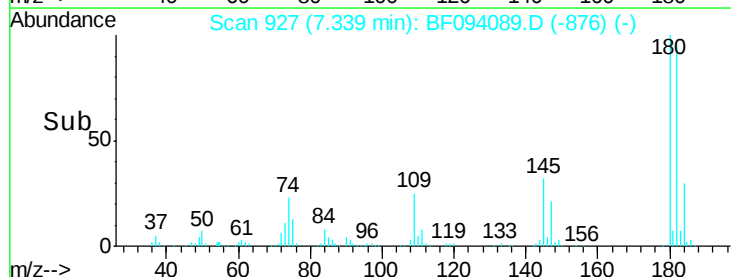
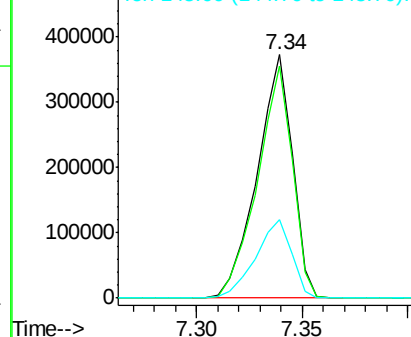


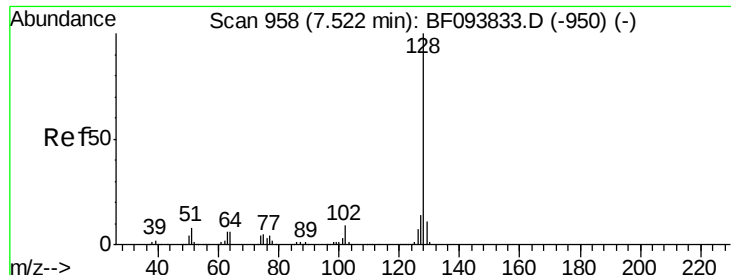
Abundance

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





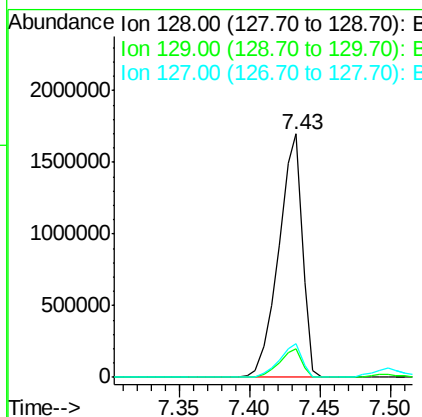
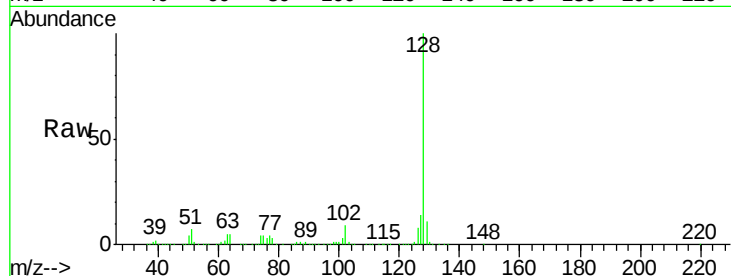
#31
Naphthalene
Concen: 59.06 ng
RT: 7.43 min Scan# 943
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

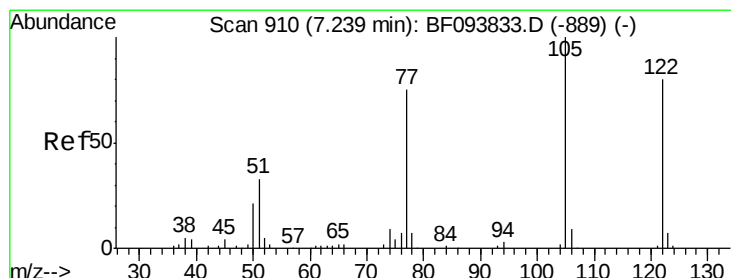
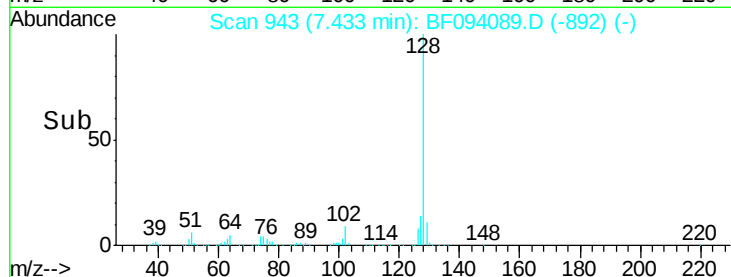
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.6	10.8	16.2

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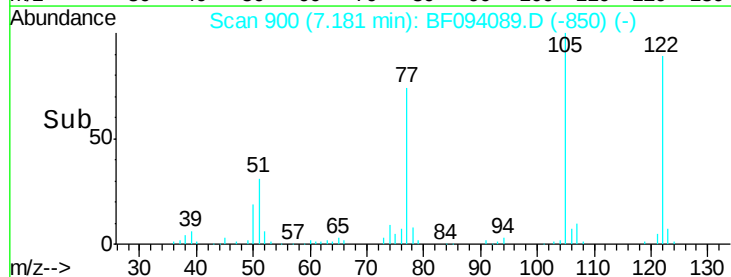
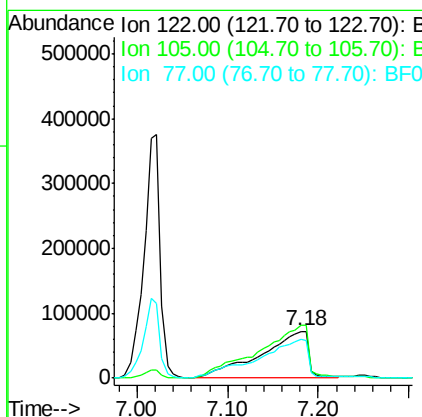
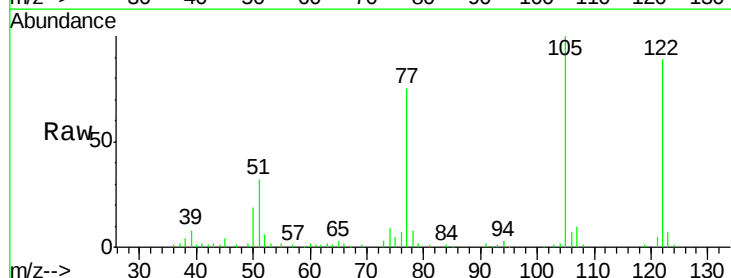


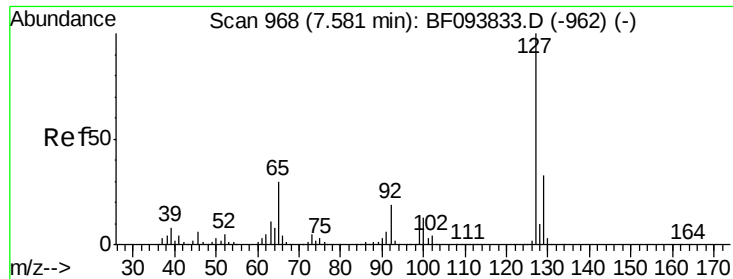
3/31/2017 4:31:48 PM



#32
Benzoic acid
Concen: 39.12 ng
RT: 7.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	112.1	103.3	143.3
77	84.0	73.7	113.7





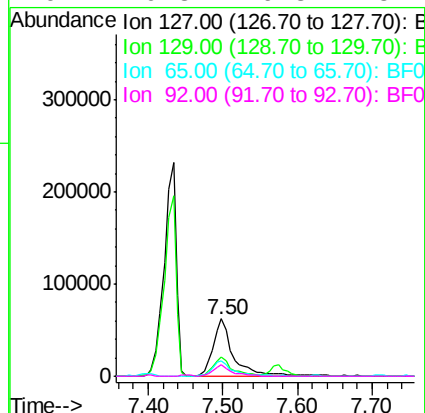
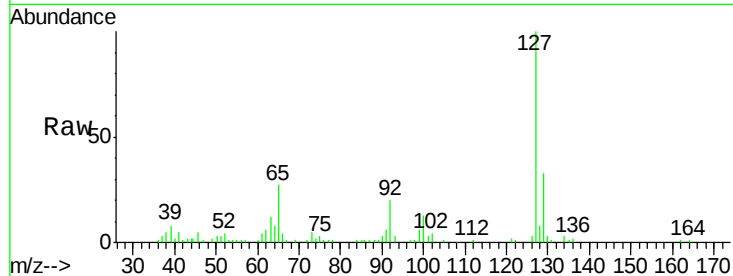
#33
4-Chloroaniline
Concen: 8.45 ng
RT: 7.50 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

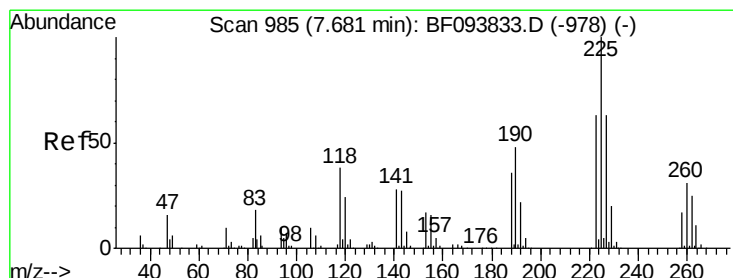
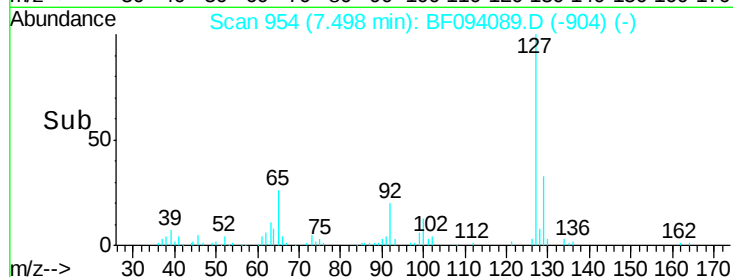
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.2	39.2
65	27.4	27.8	41.8
92	20.3	16.8	25.2

Manual Integrations
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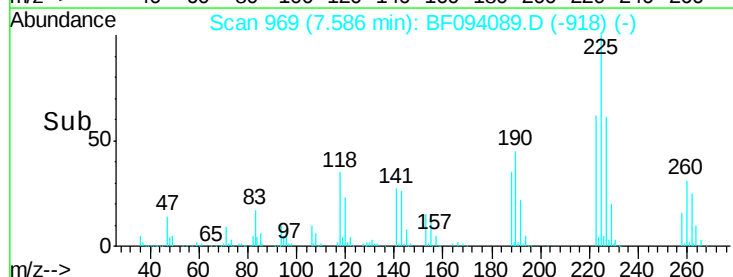
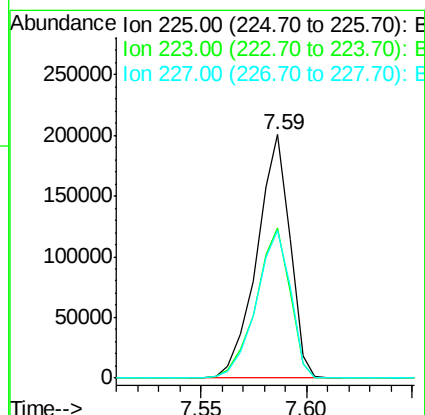
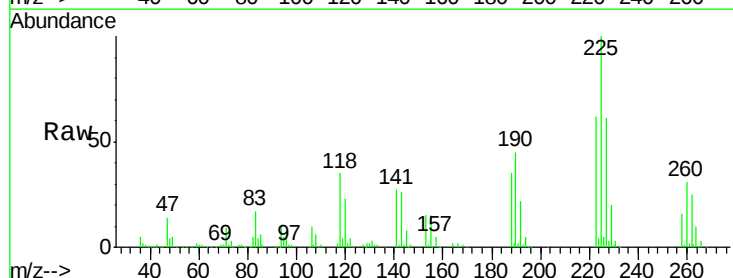


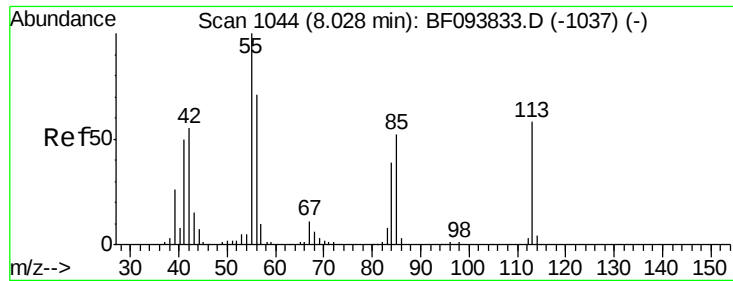
3/31/2017 4:31:48 PM



#34
Hexachlorobutadiene
Concen: 44.65 ng
RT: 7.59 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	48.8	73.2
227	60.7	51.1	76.7





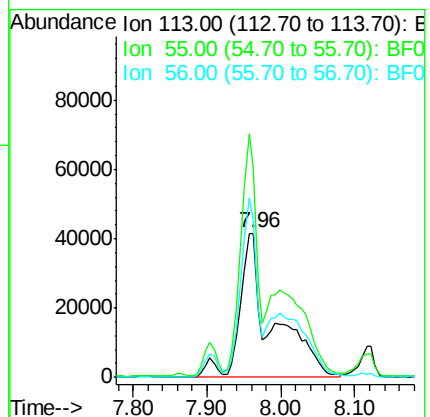
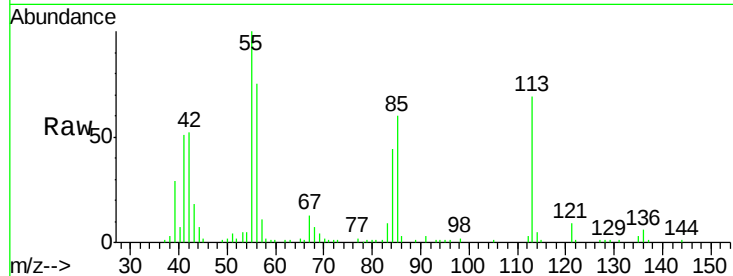
#35
 Caprolactam
 Concen: 42.95 ng/ml
 RT: 7.96 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

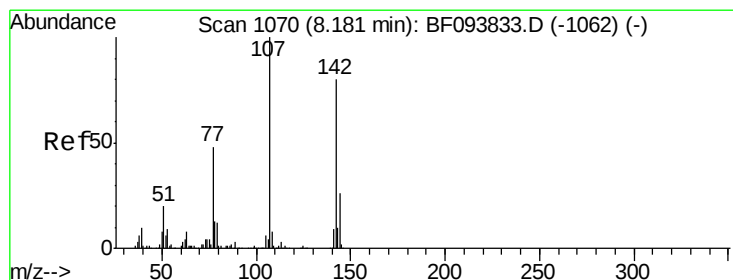
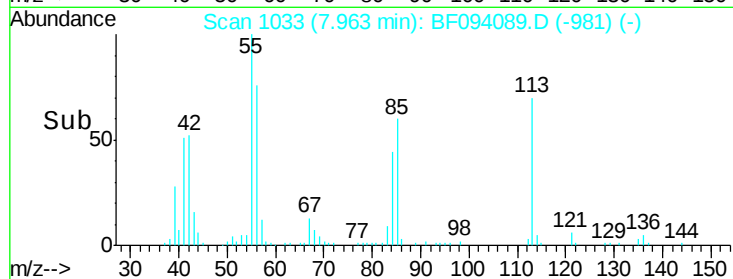
Tot Ion: 113 Resp: 126758
 Ion Ratio Lower Upper
 113 100
 55 145.3 150.2 190.2#
 56 109.6 107.8 147.8

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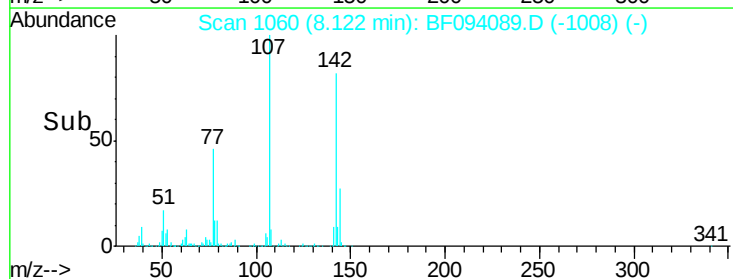
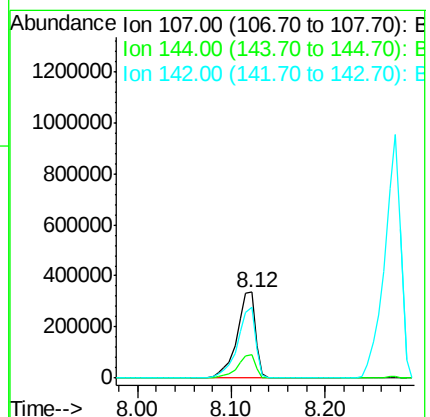
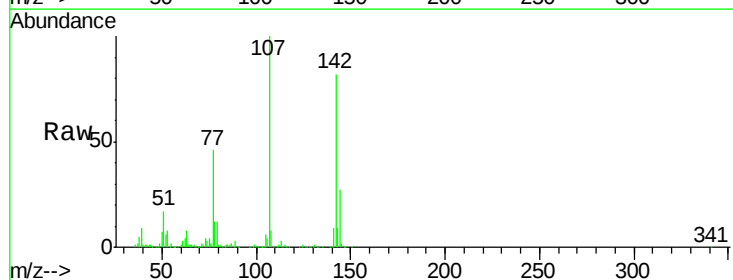


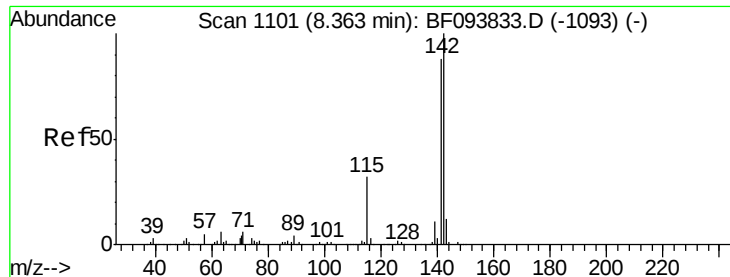
3/31/2017 4:31:48 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.84 ng
 RT: 8.12 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion: 107 Resp: 462641
 Ion Ratio Lower Upper
 107 100
 144 26.9 24.2 36.4
 142 81.6 73.4 110.0





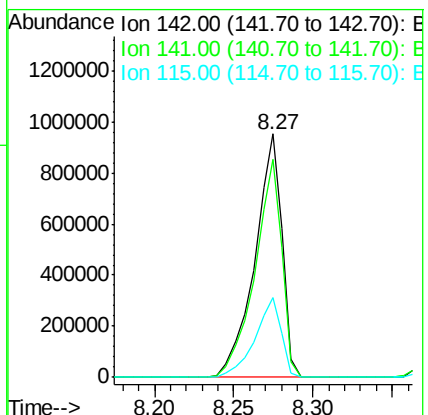
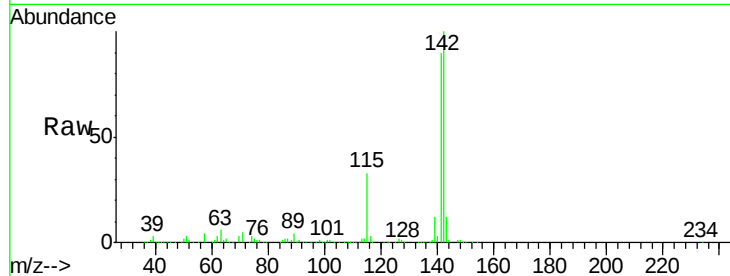
#37
2-Methylnaphthalene
Concen: 50.78 ng
RT: 8.27 min Scan# 1086
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

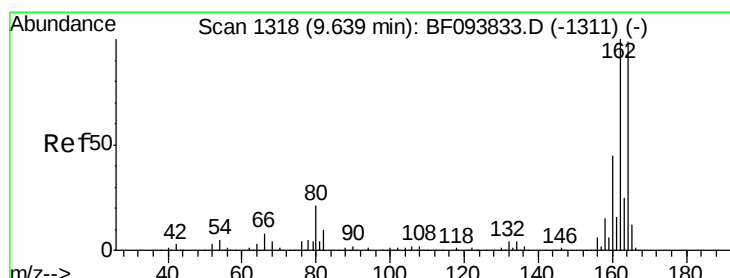
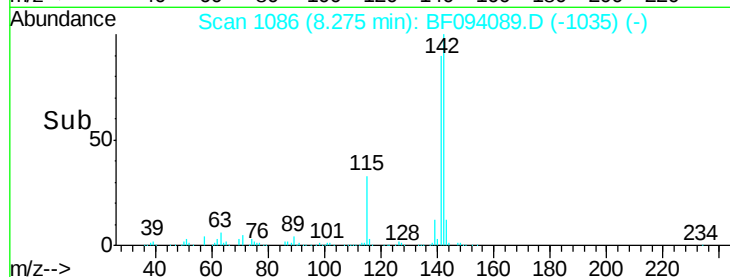
Tot Ion:142 Resp: 1134544
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 32.6 27.1 40.7

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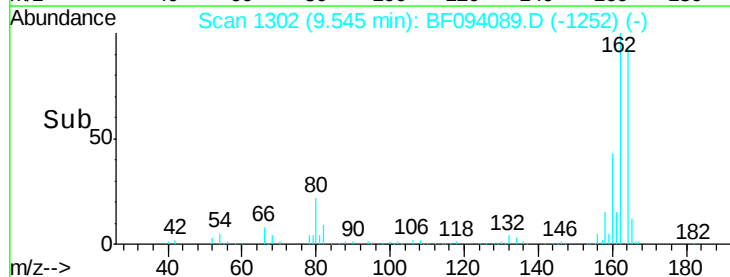
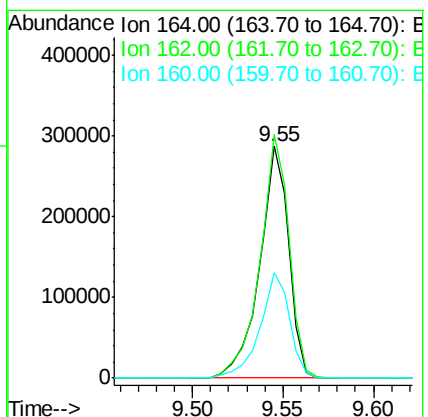
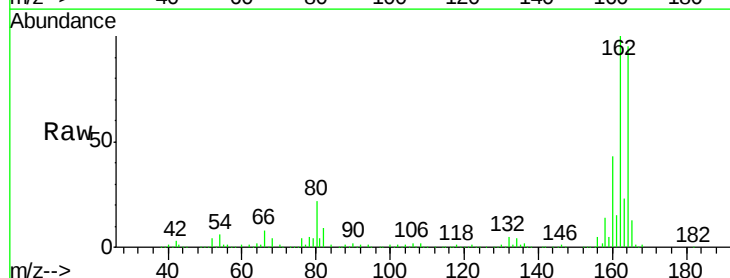


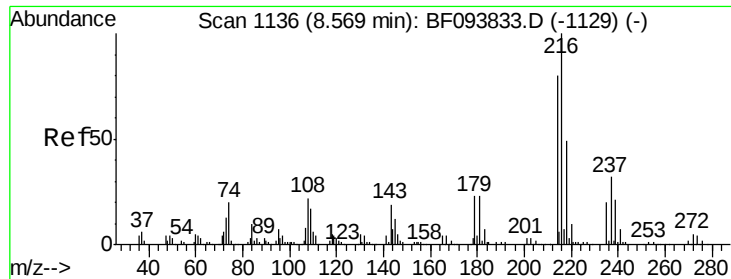
3/31/2017 4:31:48 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:164 Resp: 319179
Ion Ratio Lower Upper
164 100
162 105.0 82.6 123.8
160 45.2 36.2 54.2





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.24 ng
 RT: 8.48 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

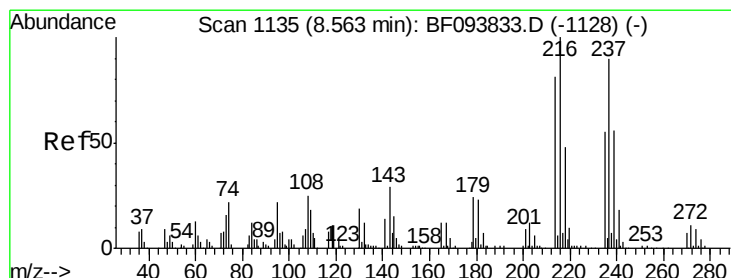
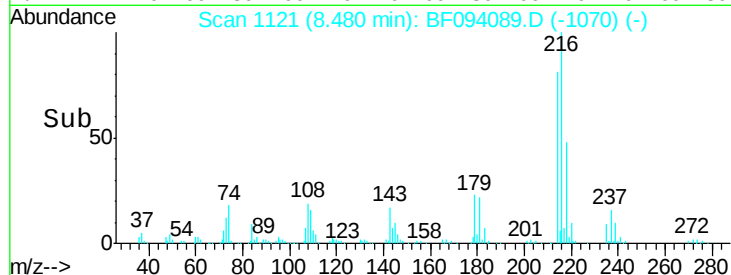
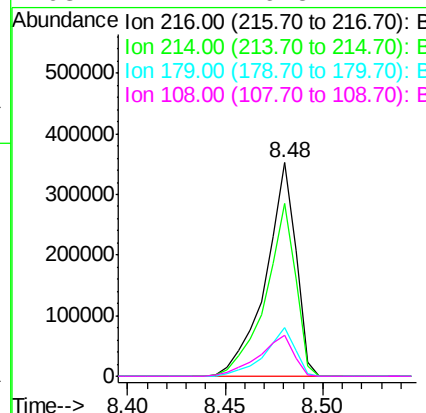
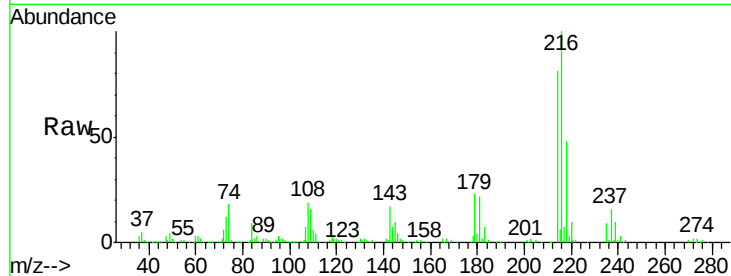
Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		377551		
214	80.1	63.4	95.2		
179	22.6	17.9	26.9		
108	22.1	16.5	24.7		

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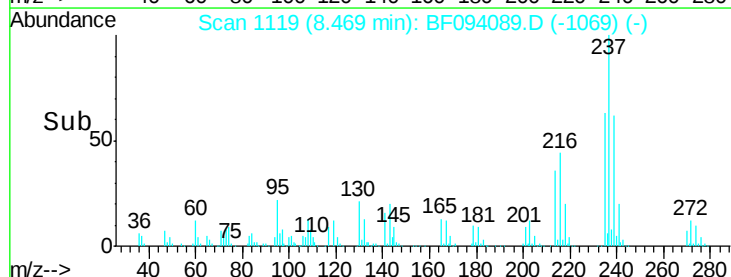
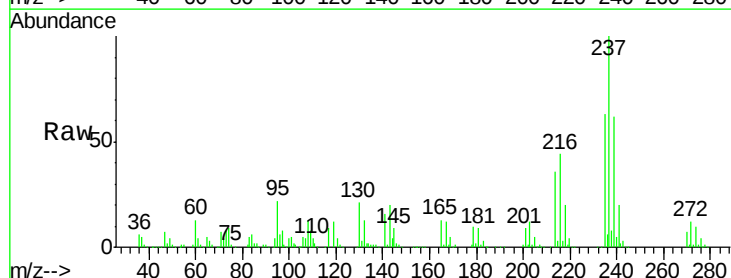
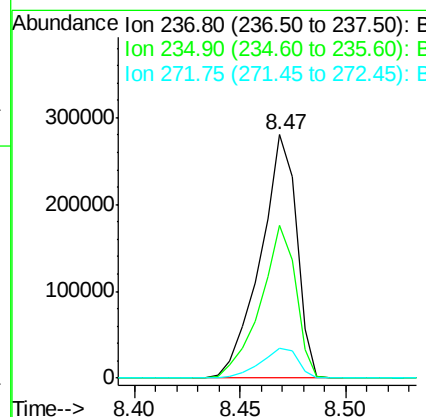
mohammad

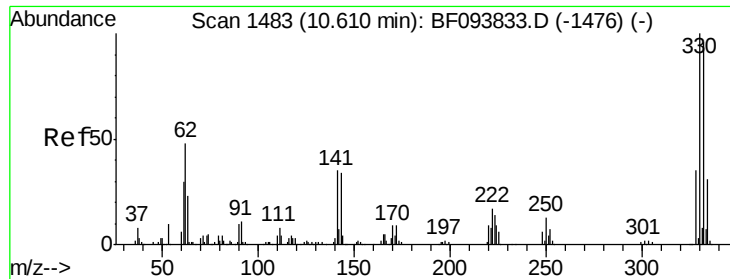
3/31/2017 4:31:48 PM



#40
 Hexachlorocyclopentadiene
 Concen: 81.71 ng
 RT: 8.47 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		333872		
235	62.6	42.6	82.6		
272	12.2	0.0	31.9		





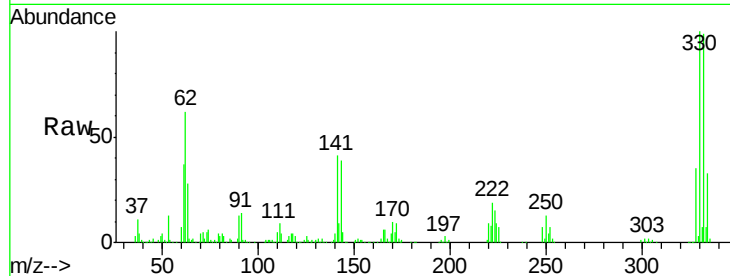
#41
 2,4,6-Tribromophenol
 Concen: 142.46 ng
 RT: 10.52 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

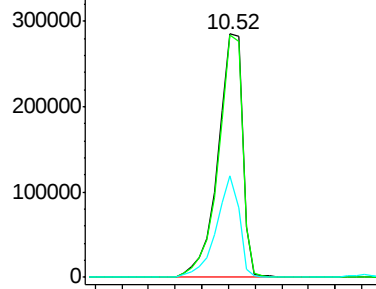
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	76.6	115.0	
141	39.1	31.4	47.2	

Manual Integrations
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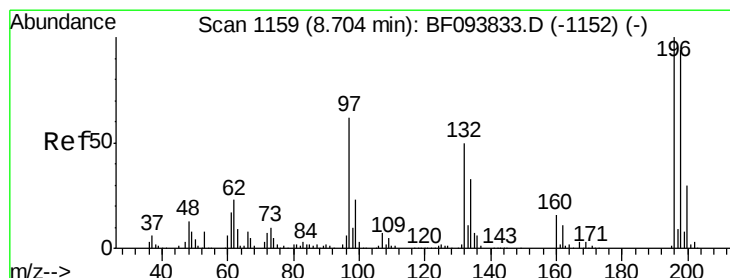
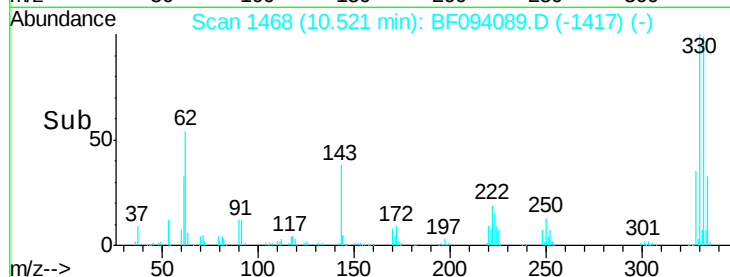
mohammad



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

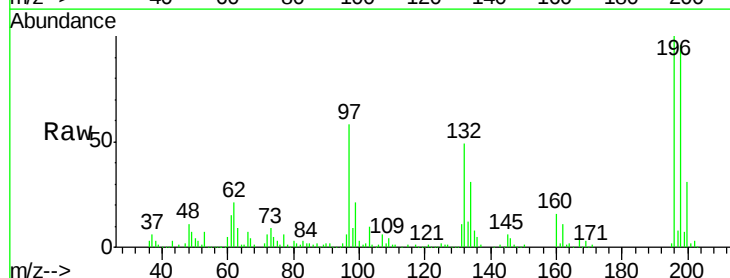


3/31/2017 4:31:48 PM

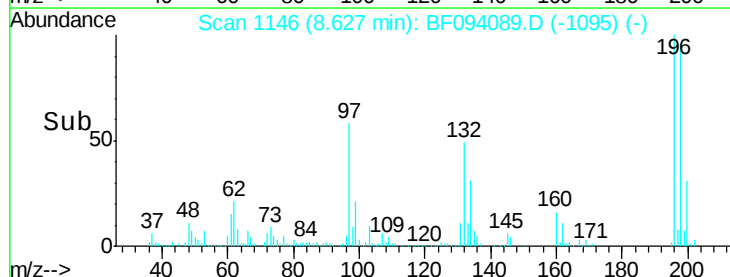
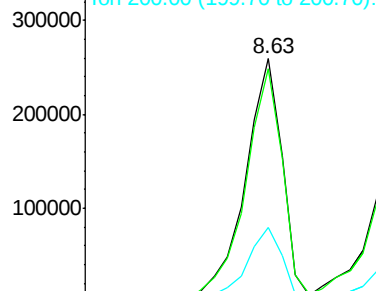


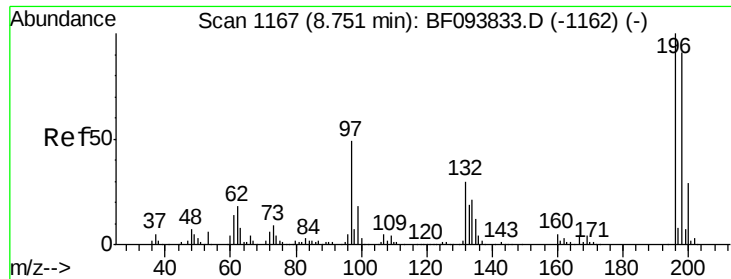
#42
 2,4,6-Trichlorophenol
 Concen: 47.93 ng
 RT: 8.63 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.0	74.2	111.4	
200	30.6	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





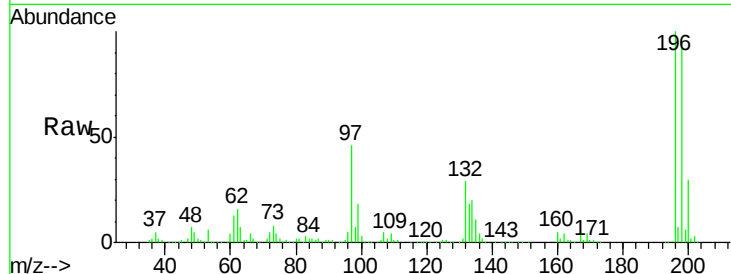
#43
 2,4,5-Trichlorophenol
 Concen: 45.46 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

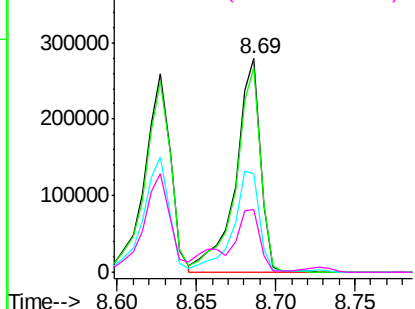
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		303856		
198	95.7	75.7	113.5		
97	46.3	47.7	71.5		
132	29.5	28.0	42.0		

Manual Integrations
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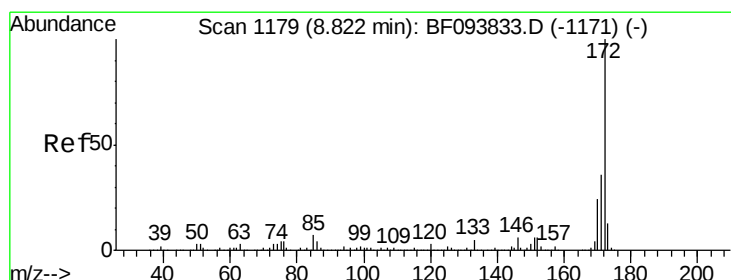
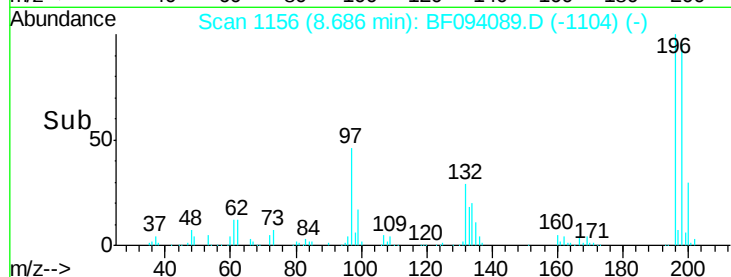
mohammad



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



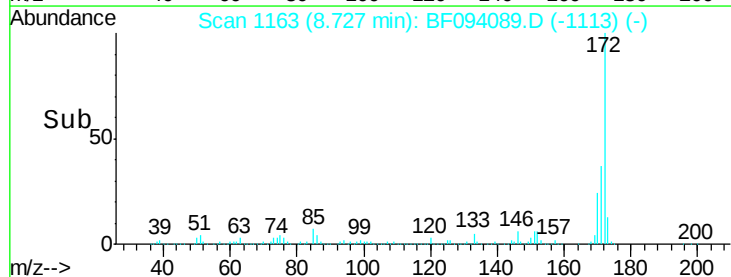
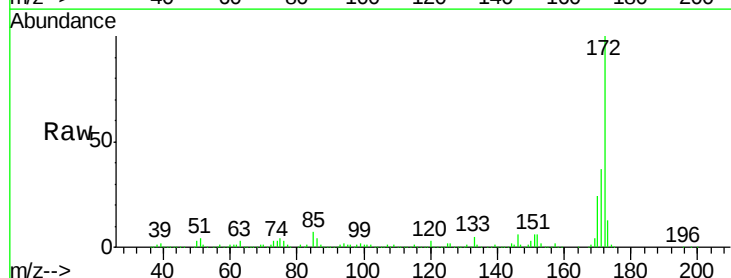
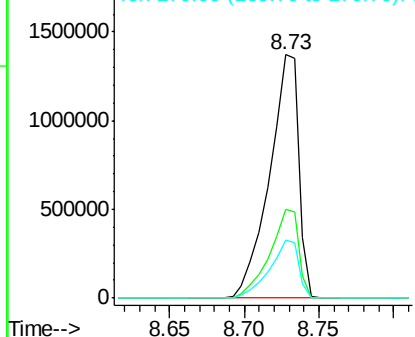
3/31/2017 4:31:48 PM

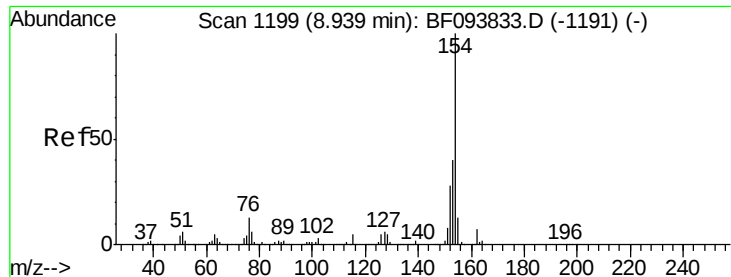


#44
 2-Fluorobiphenyl
 Concen: 89.96 ng
 RT: 8.73 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1882481		
171	36.5	29.6	44.4		
170	24.0	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: 44.39 ng

RT: 8.85 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

Tot Ion:154 Resp: 1142779

Ion Ratio Lower Upper

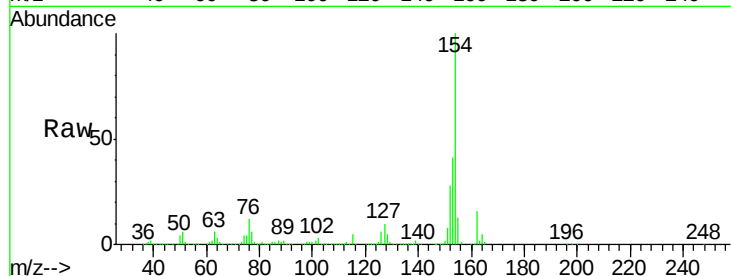
154 100

153 41.0 21.2 61.2

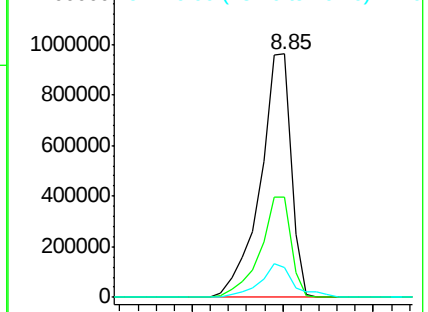
76 12.4 0.0 29.9

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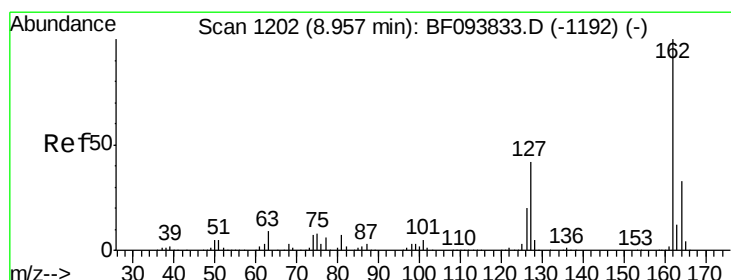
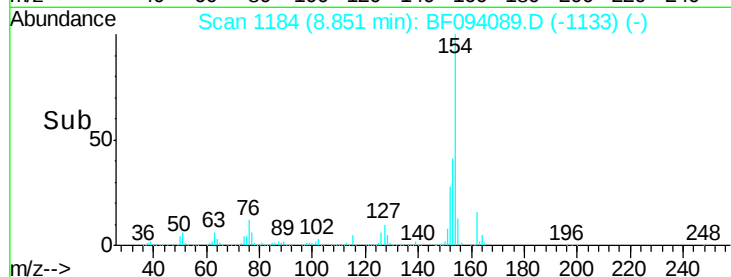
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



3/31/2017 4:31:48 PM



#46

2-Chloronaphthalene

Concen: 44.53 ng

RT: 8.87 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

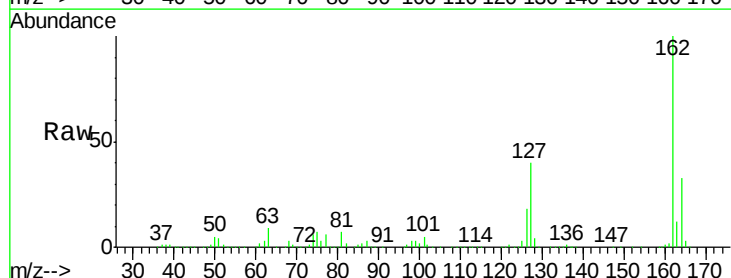
Tgt Ion:162 Resp: 897317

Ion Ratio Lower Upper

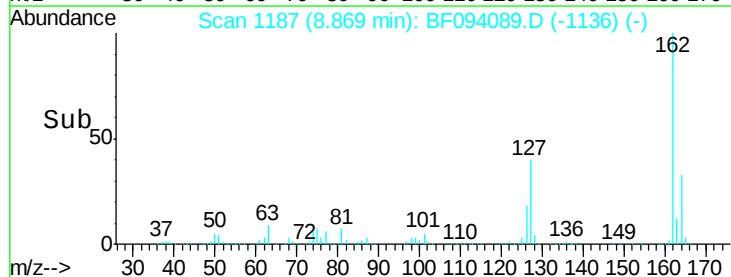
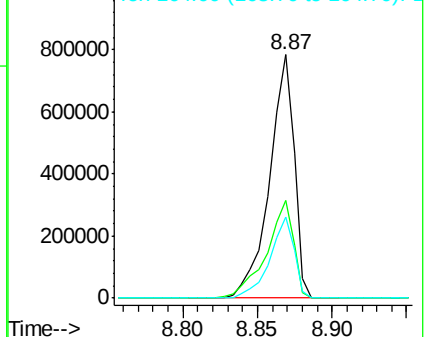
162 100

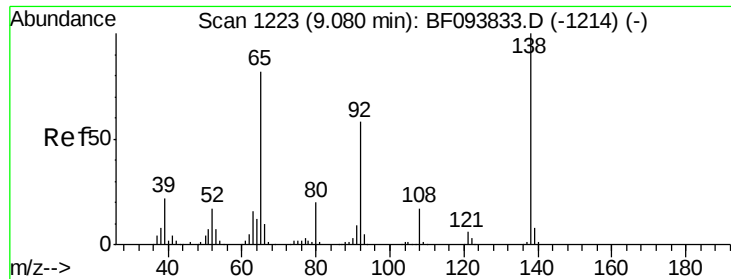
127 40.3 28.3 42.5

164 33.2 27.0 40.4



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





#47

2-Nitroaniline

Concen: 44.68 ng

RT: 9.00 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

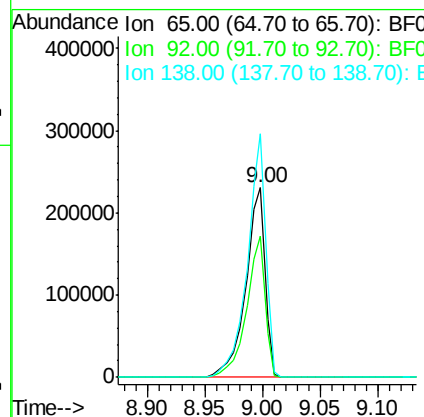
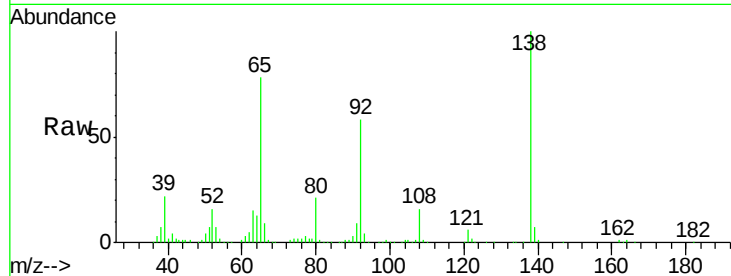
ClientSampleId :

WC-B42-B51-001MS

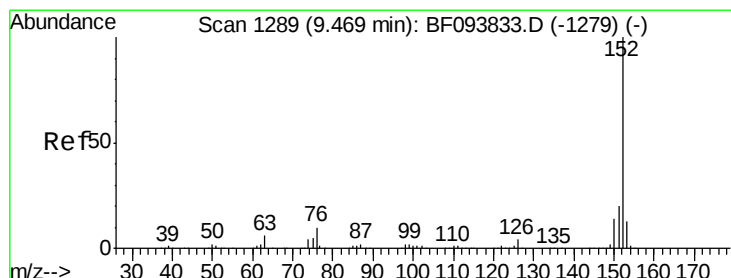
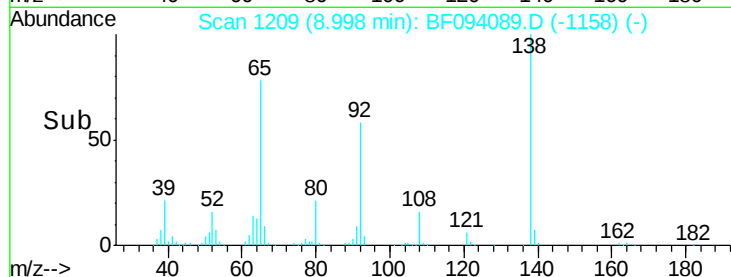
Tot Ion	65	Resp	267095
Ion	Ratio	Lower	Upper
65	100		
92	74.7	53.9	80.9
138	128.3	78.8	118.2

Manual Integrations
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3/31/2017 4:31:48 PM



#48

Acenaphthylene

Concen: 42.31 ng

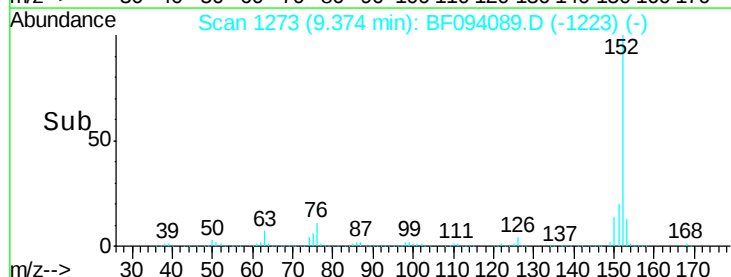
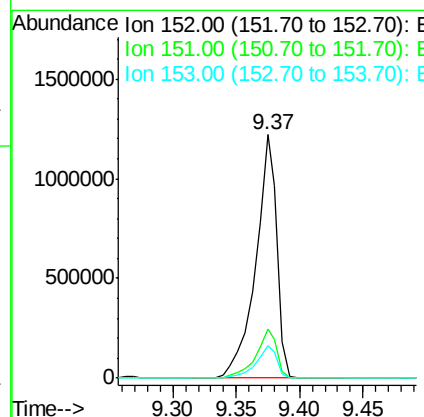
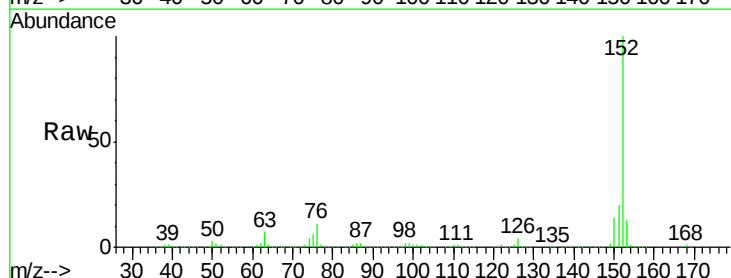
RT: 9.37 min Scan# 1273

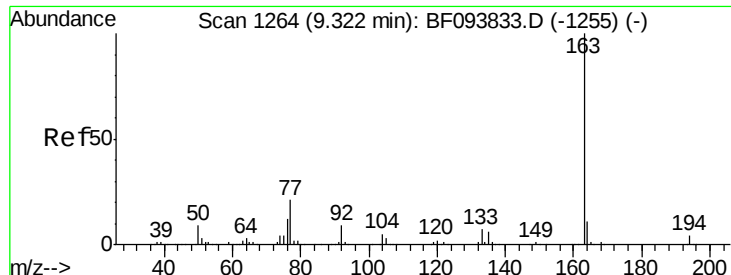
Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Tgt Ion	152	Resp	1416976
Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	13.5	10.8	16.2





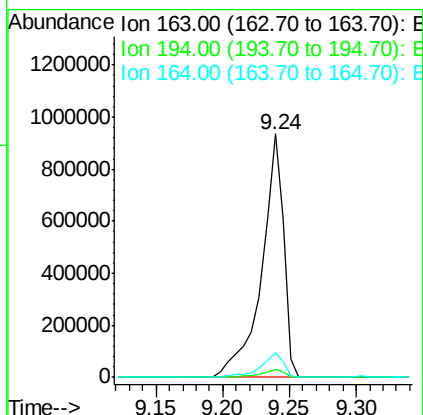
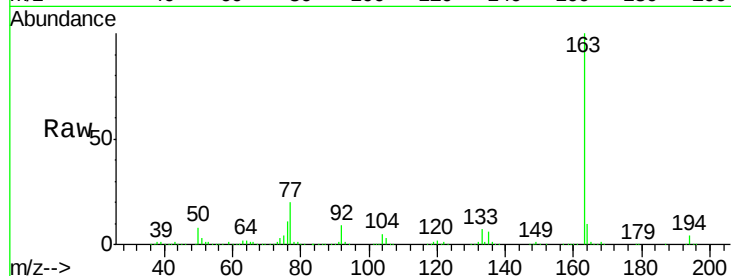
#49
Dimethylphthalate
Concen: 46.77 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

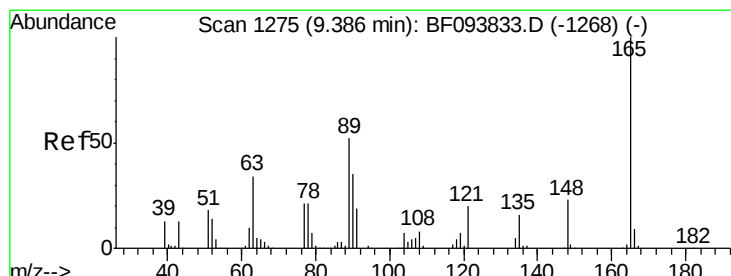
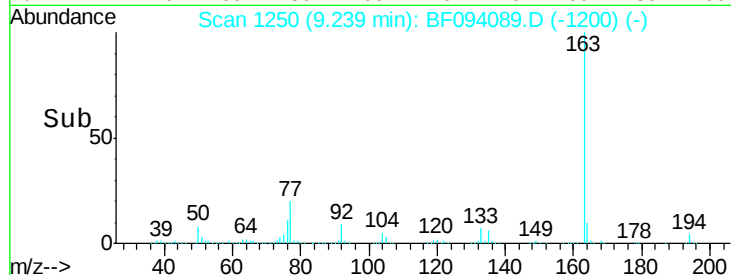
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

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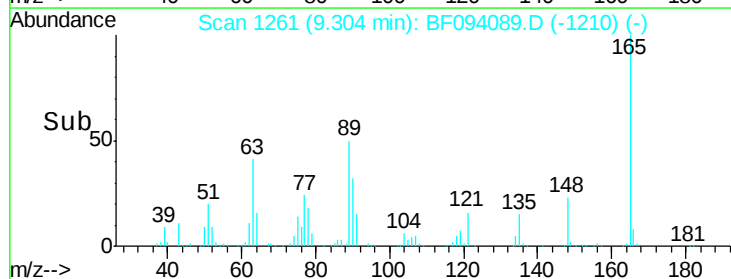
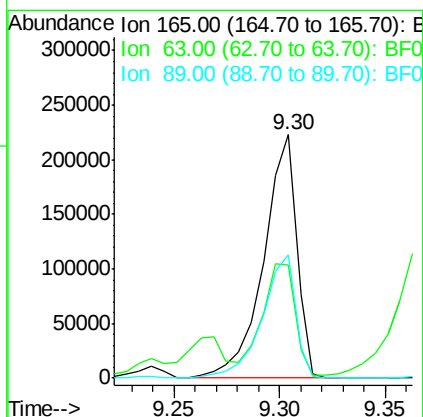
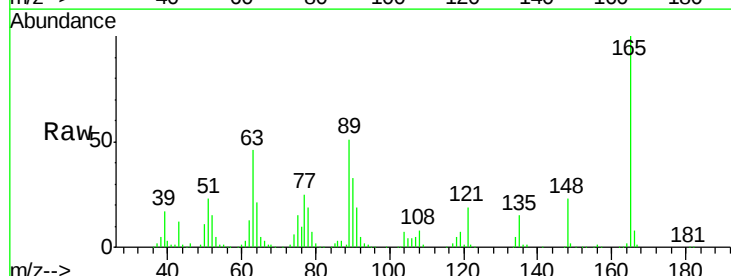


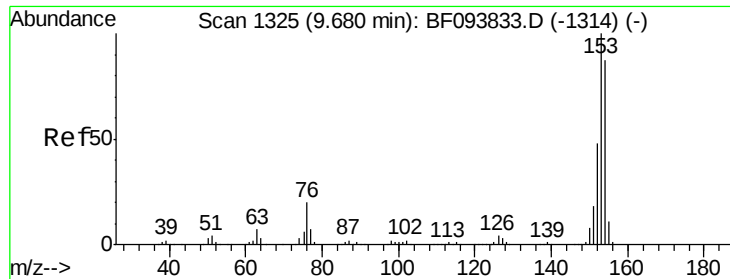
3/31/2017 4:31:48 PM



#50
2,6-Dinitrotoluene
Concen: 46.96 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.4	34.3	51.5
89	50.6	37.1	55.7





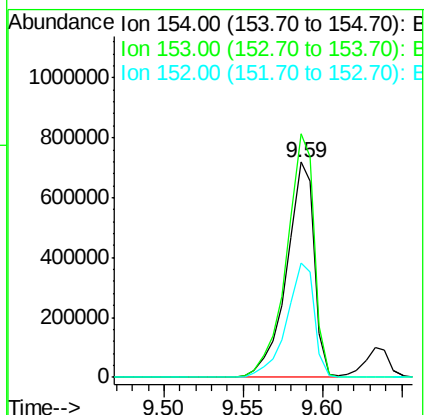
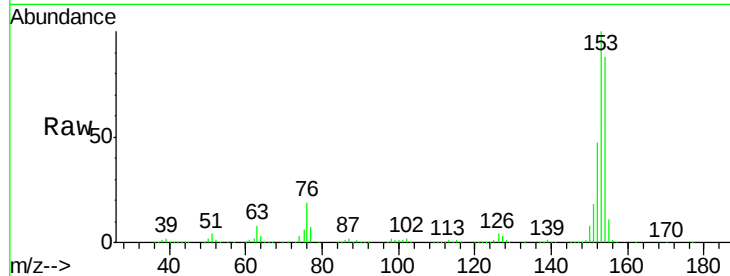
#51
Acenaphthene
Concen: 44.42 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

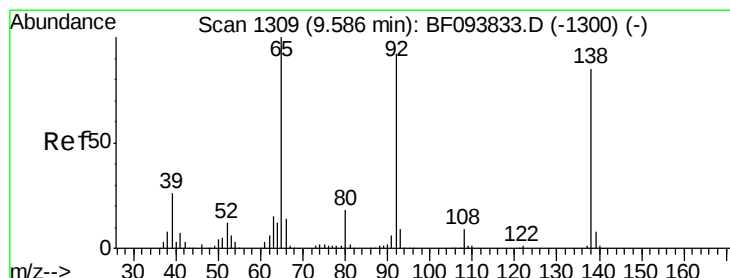
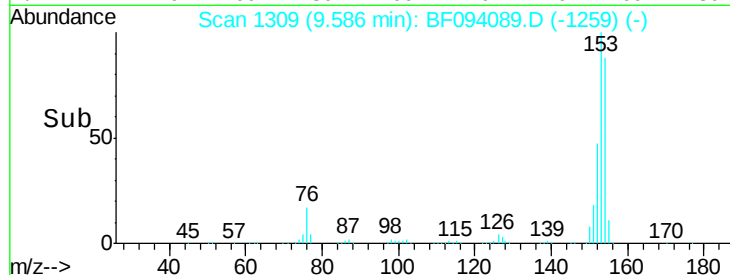
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.5	135.7
152	53.4	43.6	65.4

Manual Integrations
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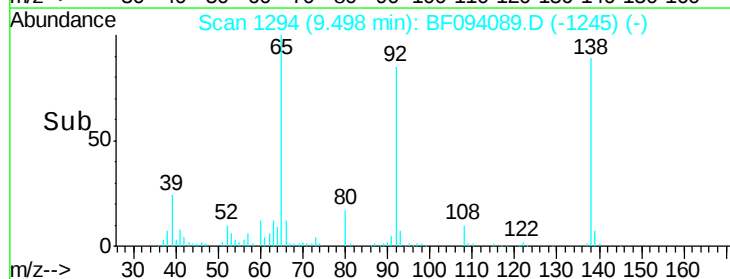
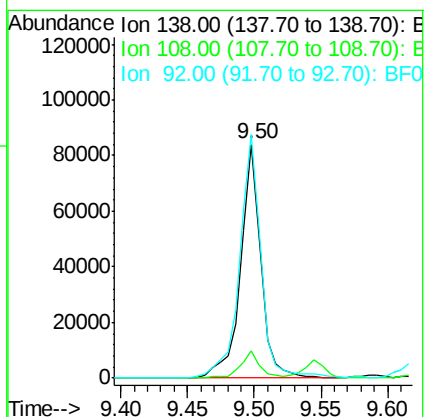
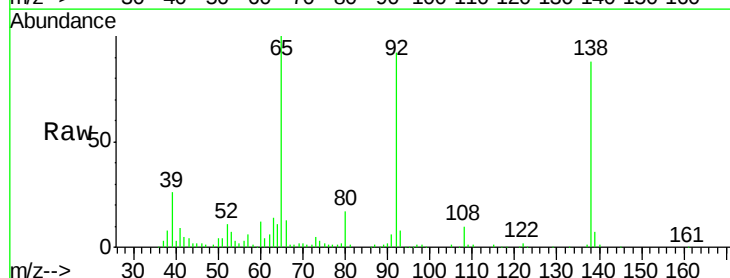


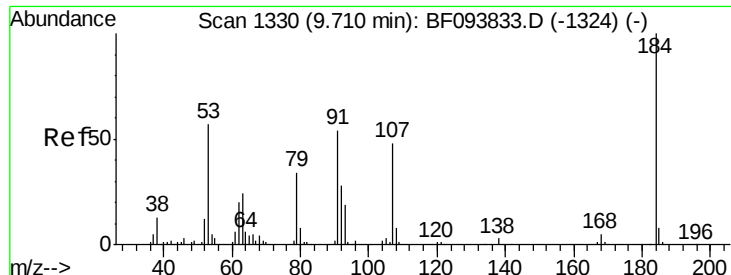
3/31/2017 4:31:48 PM



#52
3-Nitroaniline
Concen: 14.67 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	104.1	93.8	140.6





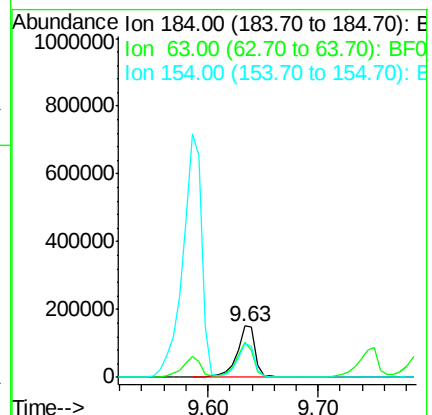
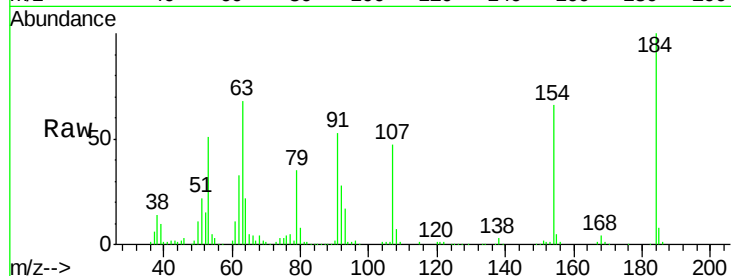
#53
2,4-Dinitrophenol
Concen: 65.21 ng
RT: 9.63 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

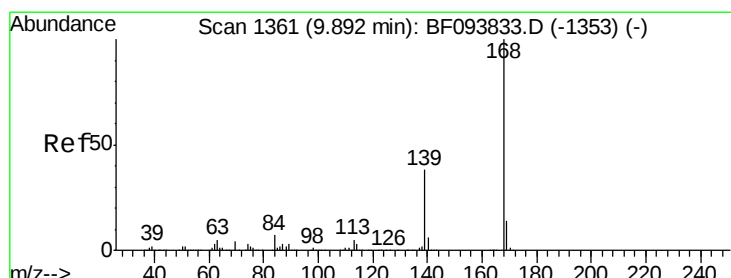
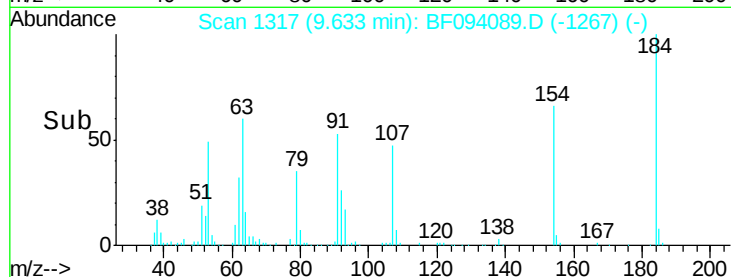
Tot Ion	Ratio	Lower	Upper
184	100		
63	68.5	62.7	94.1
154	65.5	81.1	121.7

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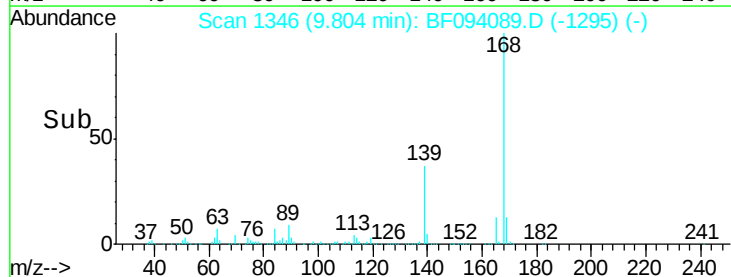
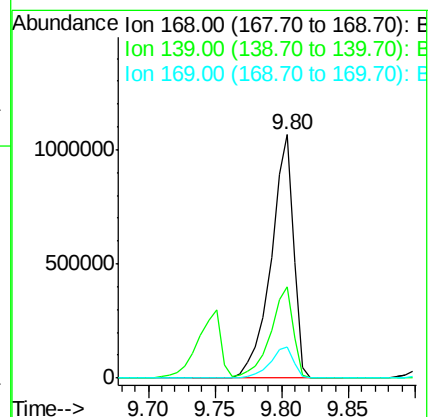
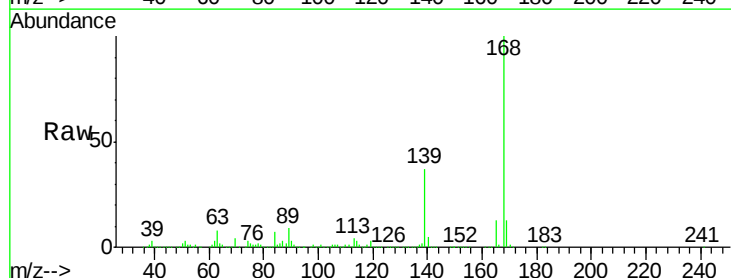


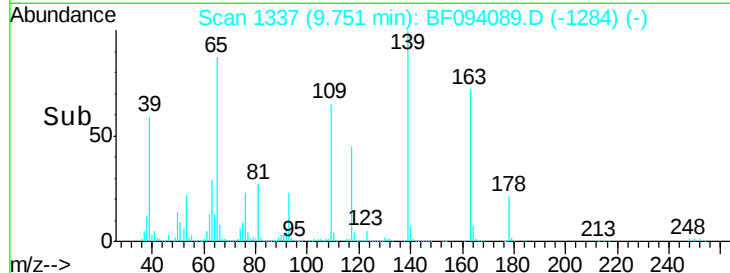
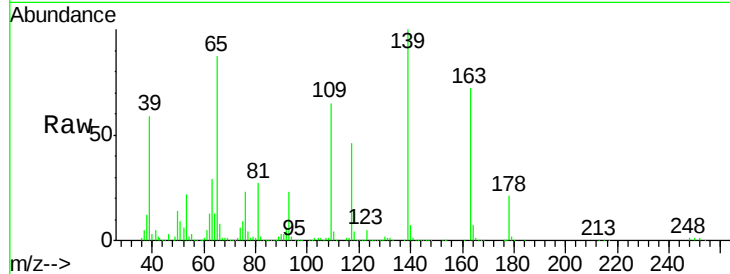
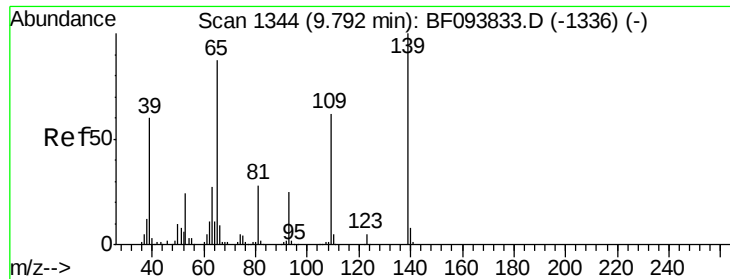
3/31/2017 4:31:48 PM



#54
Dibenzofuran
Concen: 46.97 ng
RT: 9.80 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.6	45.8
169	12.8	10.8	16.2





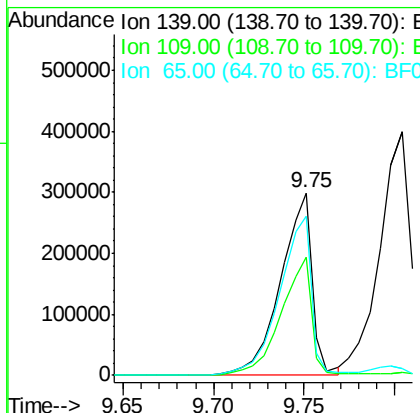
#55
4-Nitrophenol
Concen: 76.04 ng
RT: 9.75 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	64.9	34.1	74.1	
65	86.9	31.4	71.4	

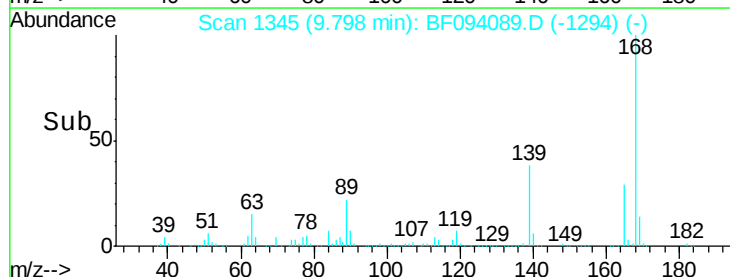
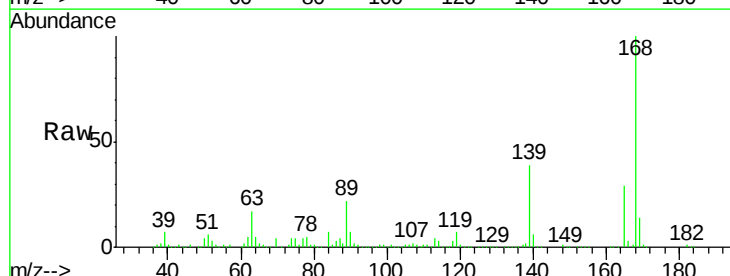
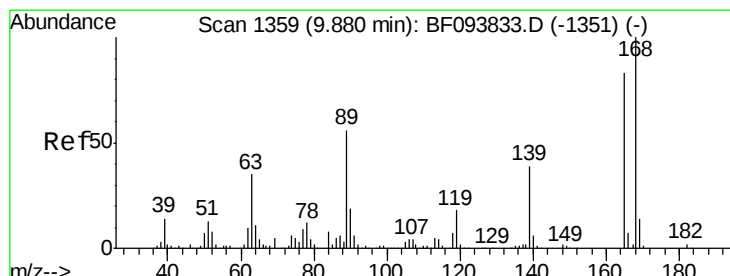
Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

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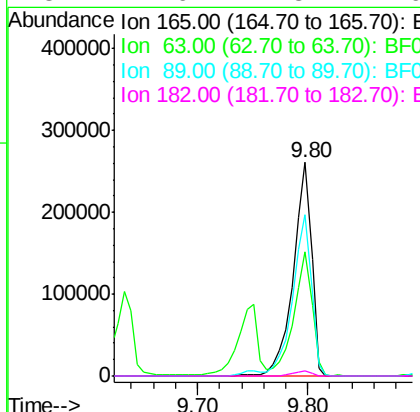


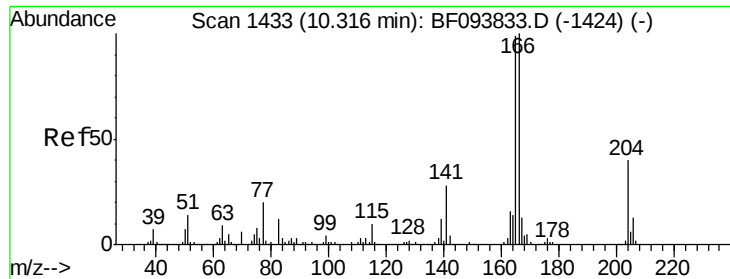
3/31/2017 4:31:48 PM



#56
2,4-Dinitrotoluene
Concen: 44.77 ng
RT: 9.80 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.9	25.4	38.0	
89	75.6	46.4	69.6	
182	2.6	1.8	2.6	





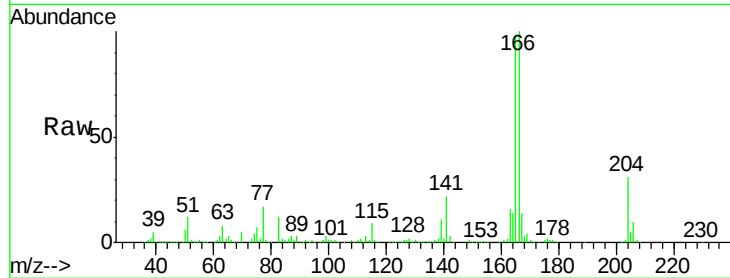
#57
 Fluorene
 Concen: 42.52 ng
 RT: 10.22 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

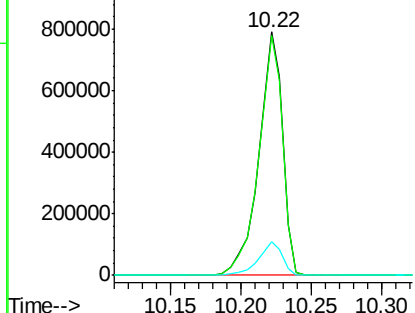
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.7	10.6	16.0

Manual Integrations
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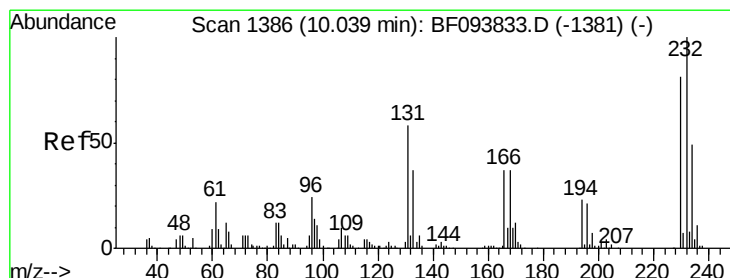
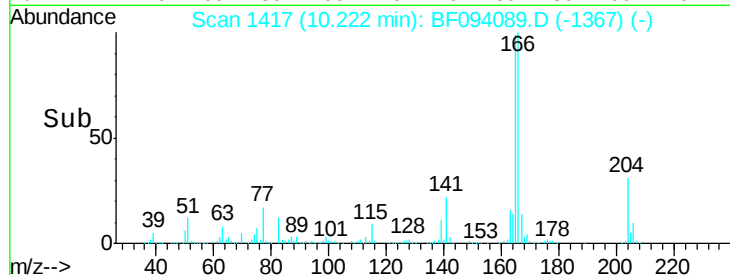
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Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E



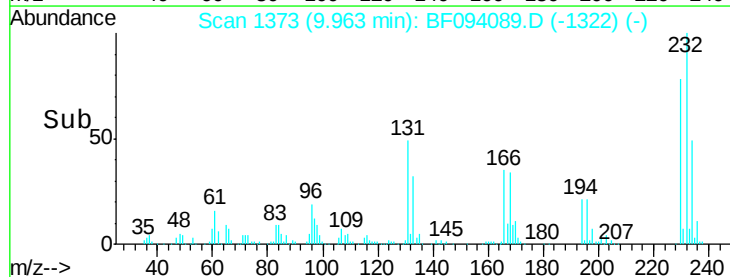
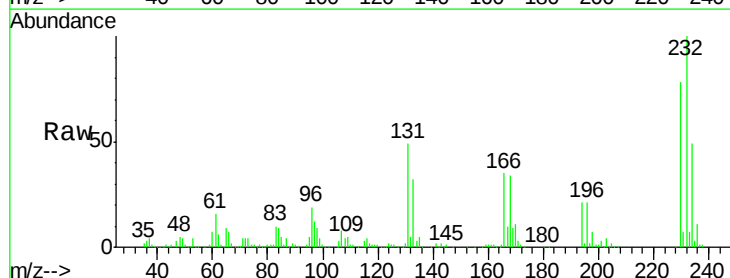
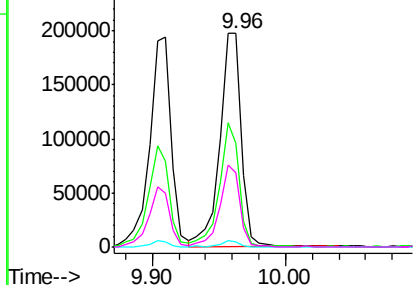
3/31/2017 4:31:48 PM

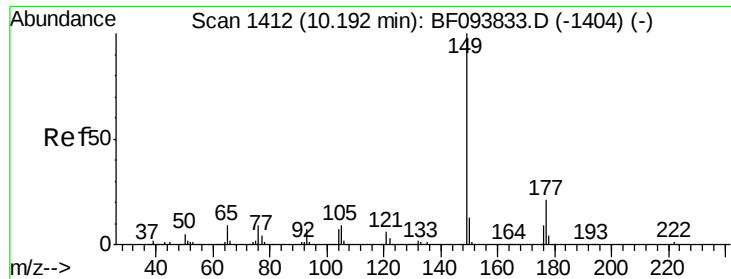


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.07 ng
 RT: 9.96 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.0	44.8	67.2
130	2.8	2.3	3.5
166	35.6	29.0	43.4

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





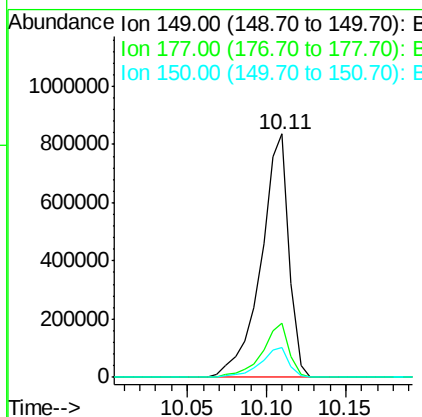
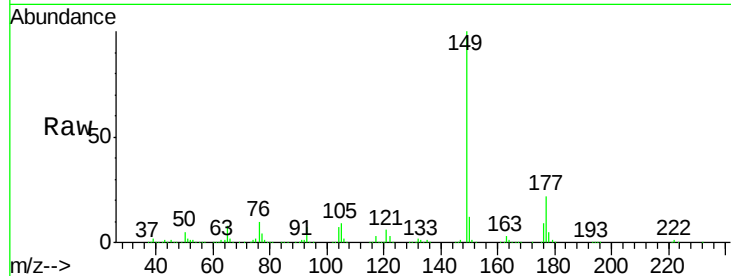
#59
Diethylphthalate
Concen: 45.77 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

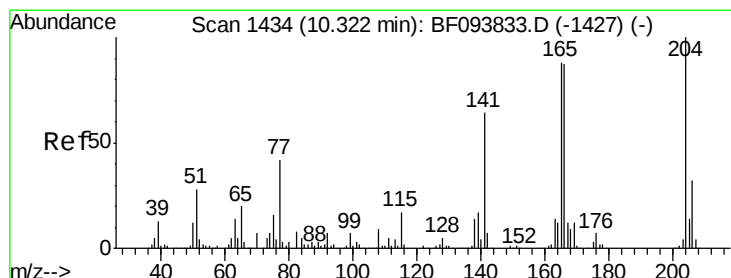
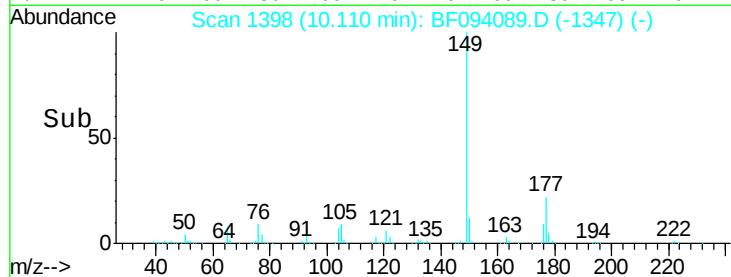
Tot Ion:	149	Resp:	1026304
Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.7	25.1
150	12.2	10.2	15.2

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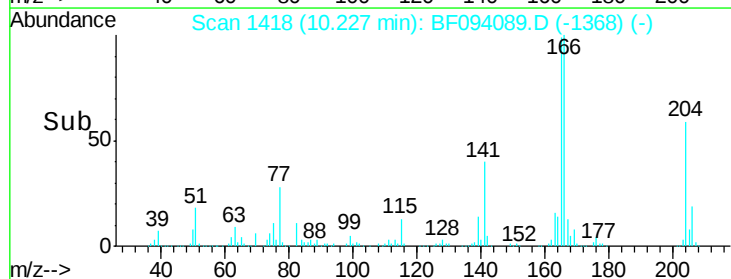
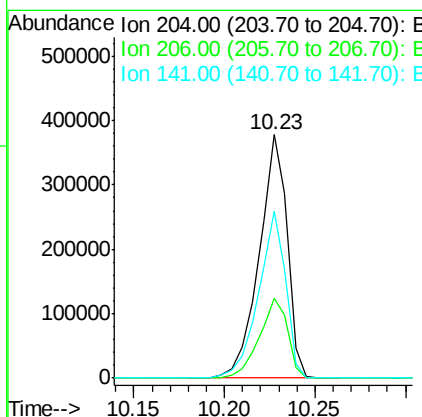
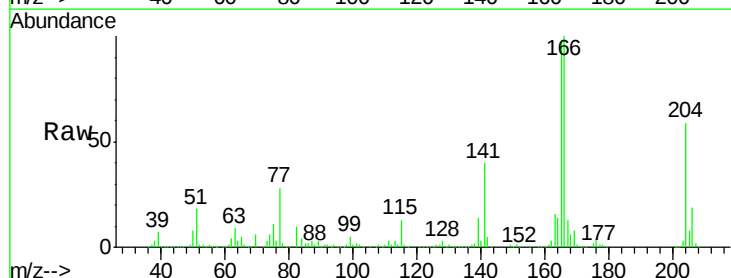


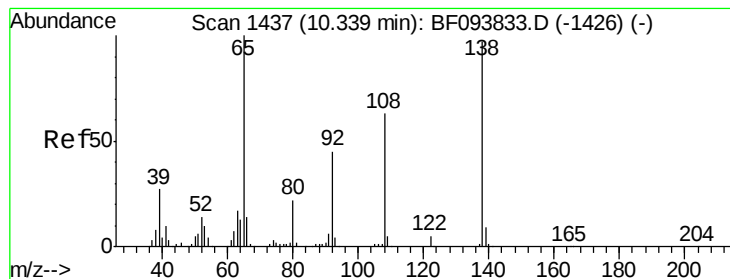
3/31/2017 4:31:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.01 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:	204	Resp:	404241
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	68.6	60.8	91.2





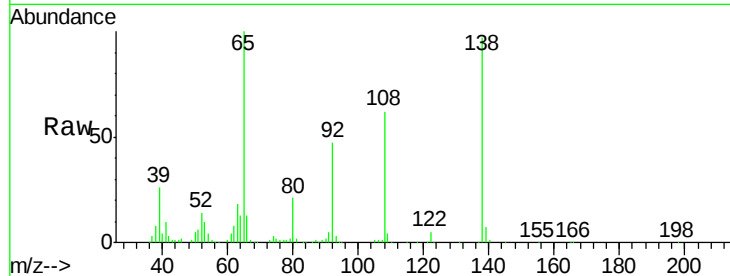
#61
4-Nitroaniline
Concen: 33.95 ng
RT: 10.26 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	21.8	61.8
108	63.5	42.3	82.3

Manual Integrations
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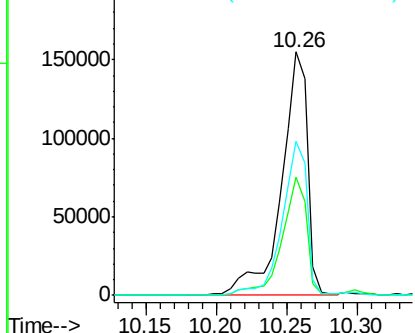


Abundance

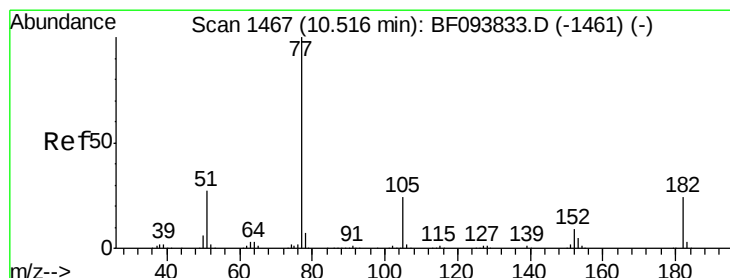
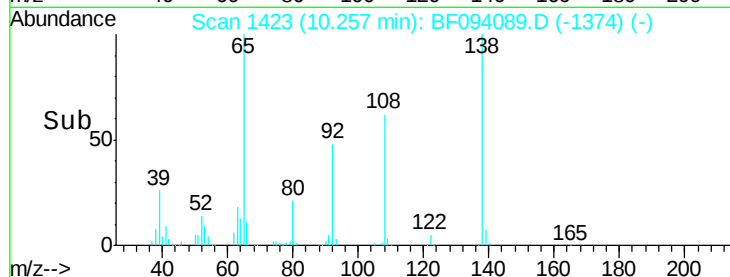
Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



3/31/2017 4:31:48 PM



#62
Azobenzene
Concen: 45.95 ng
RT: 10.42 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	0.1	40.1
105	24.1	3.6	43.6
51	28.6	9.4	49.4

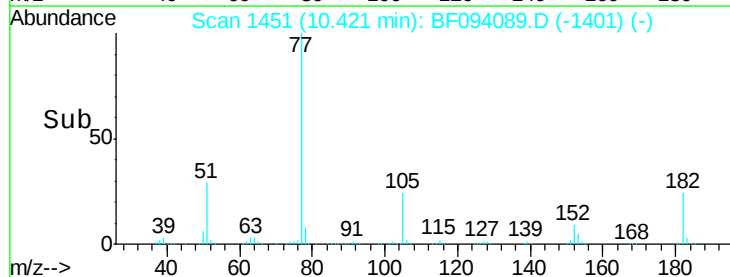
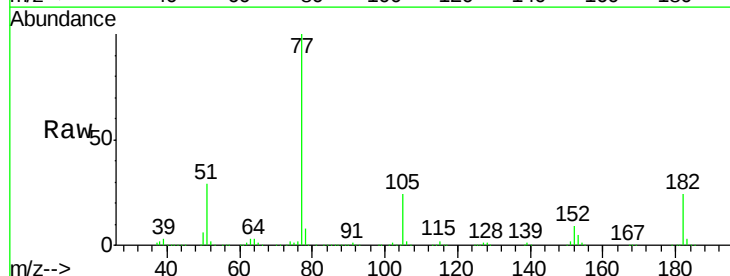
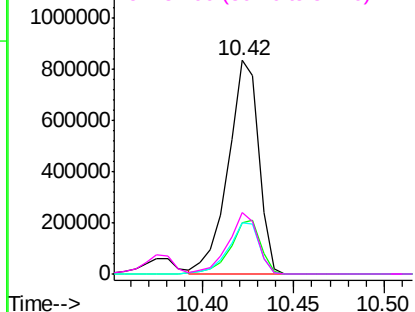
Abundance

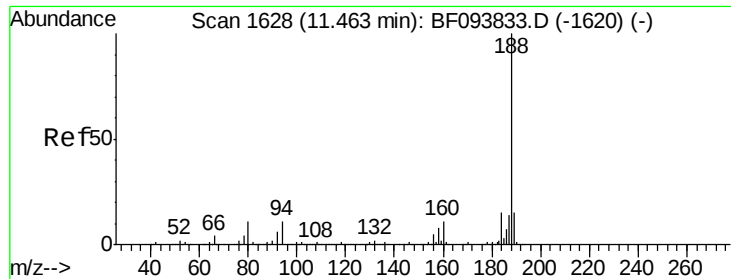
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





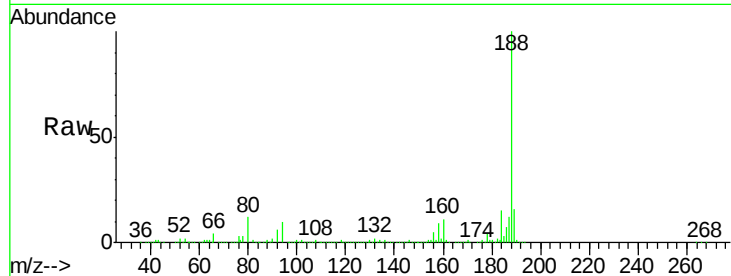
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	551906		
94	10.5		9.4	14.2
80	11.8		10.2	15.2

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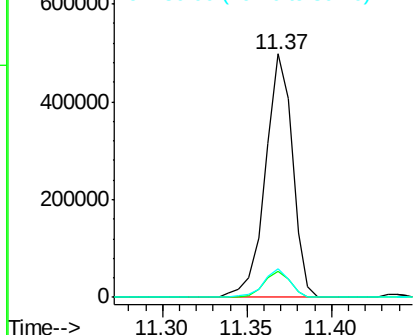
mohammad



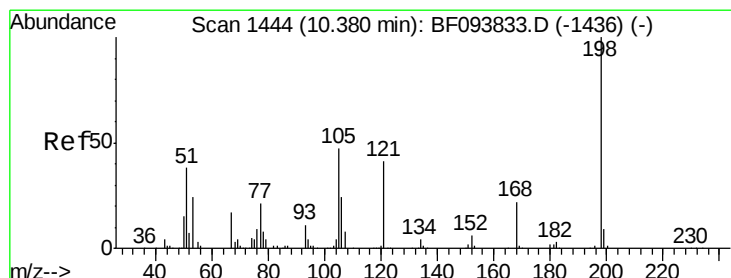
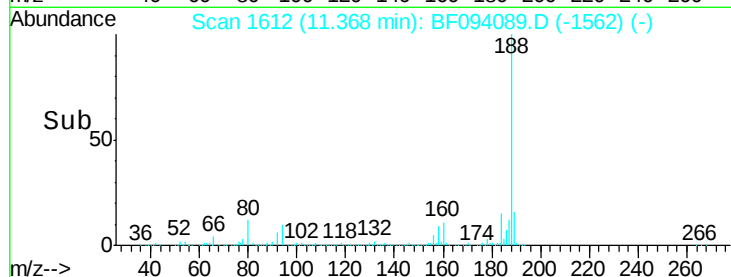
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

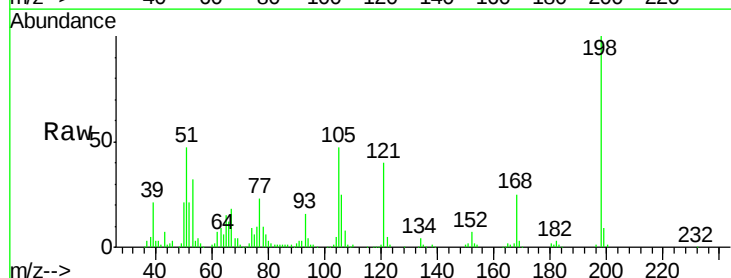


3/31/2017 4:31:48 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.41 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

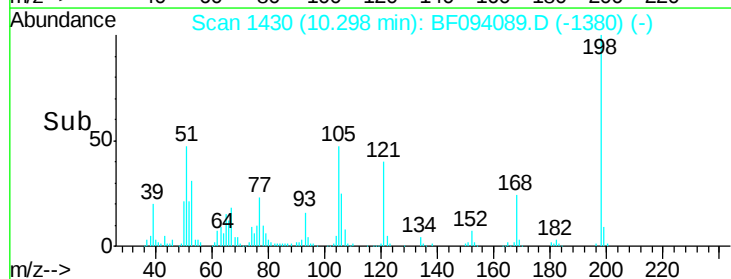
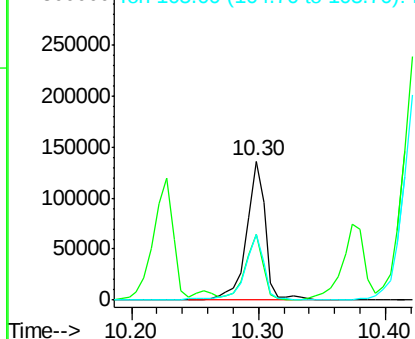
Tgt Ion	Ratio	Resp	Lower	Upper
198	100	139974		
51	47.4		53.2	93.2#
105	47.1		45.8	85.8

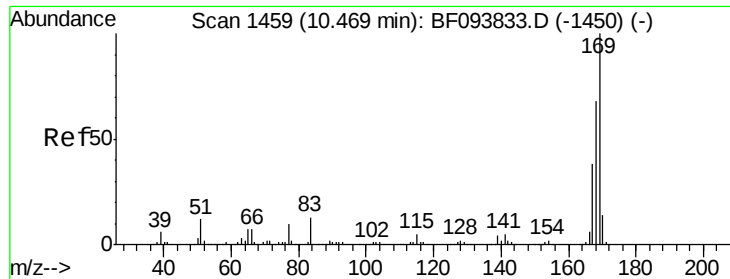


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.48 ng

RT: 10.38 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

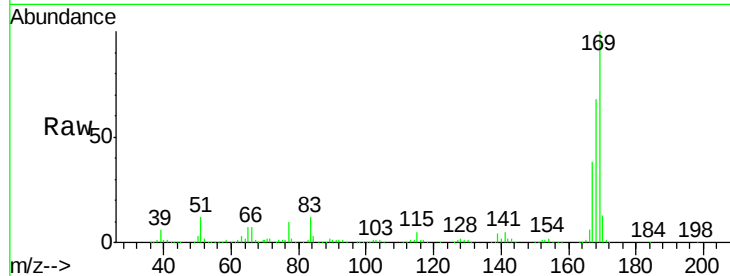
ClientSampleId :

WC-B42-B51-001MS

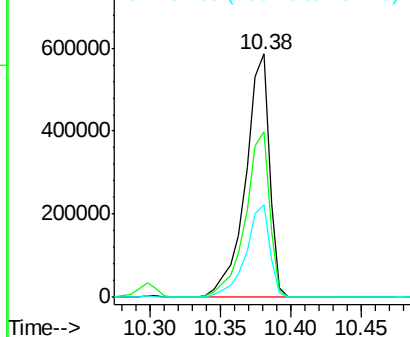
Tot Ion:	169	Resp:	696203
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.2	79.8
167	38.0	29.5	44.3

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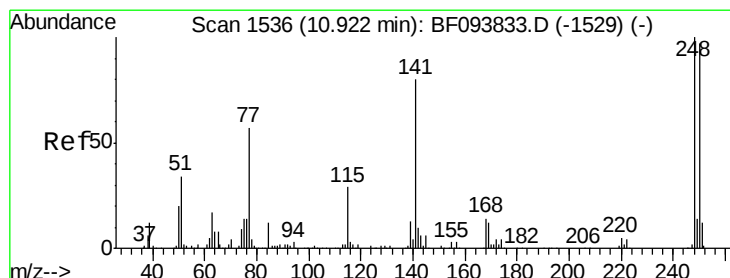
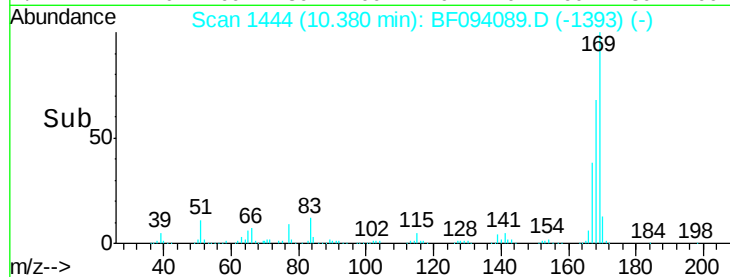
mohammad



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



3/31/2017 4:31:48 PM



#66

4-Bromophenyl-phenylether

Concen: 46.95 ng

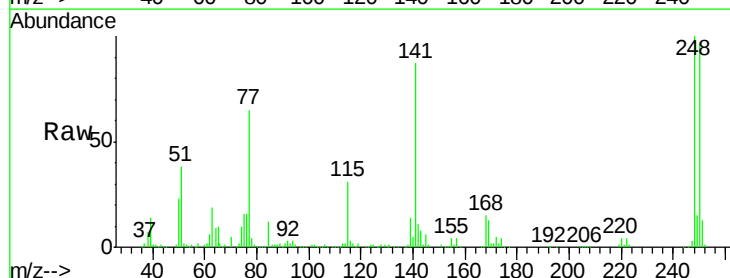
RT: 10.83 min Scan# 1520

Delta R.T. -0.00 min

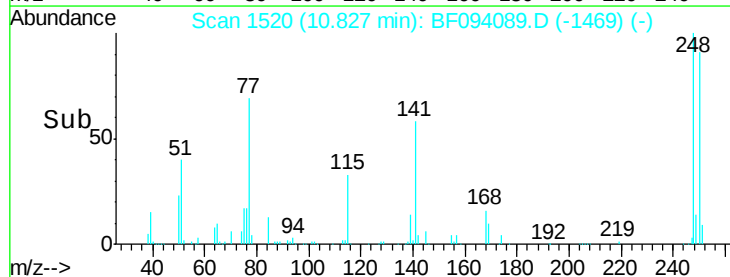
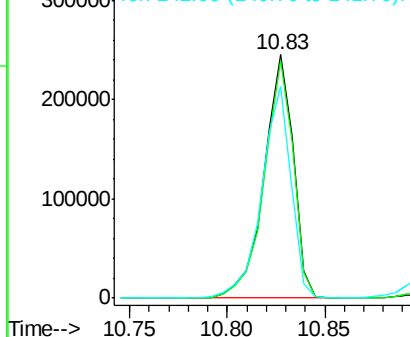
Lab File: BF094089.D

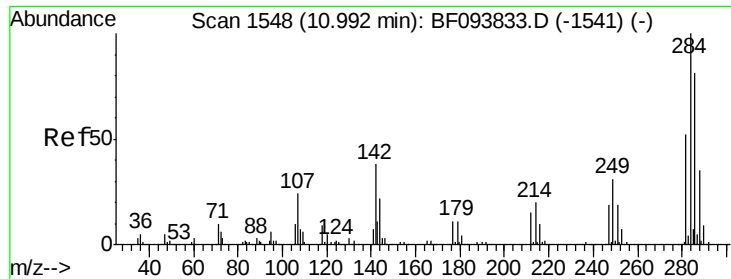
Acq: 31 Mar 2017 11:47

Tgt Ion:	248	Resp:	254821
Ion Ratio	Lower	Upper	
248	100		
250	97.4	76.8	115.2
141	87.0	68.6	103.0



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





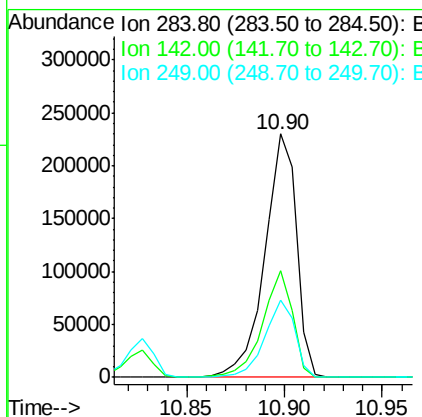
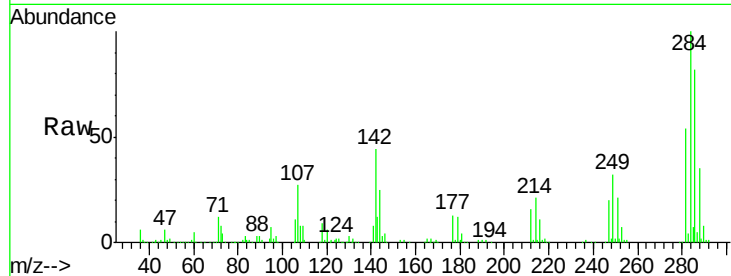
#67
Hexachlorobenzene
Concen: 47.06 ng
RT: 10.90 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

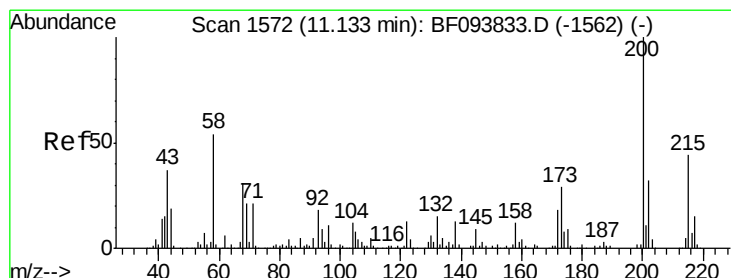
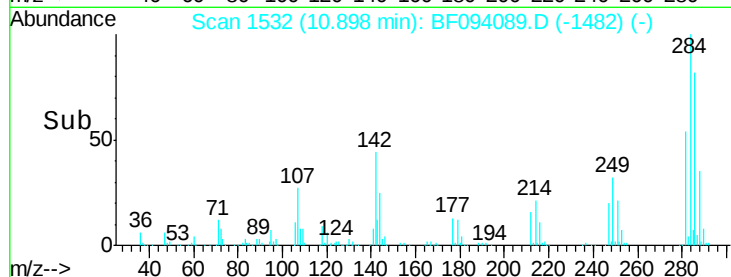
Tot Ion:	284	Resp:	258580
Ion Ratio	Lower	Upper	
284	100		
142	43.6	22.8	34.2#
249	31.5	24.0	36.0

Manual Integrations
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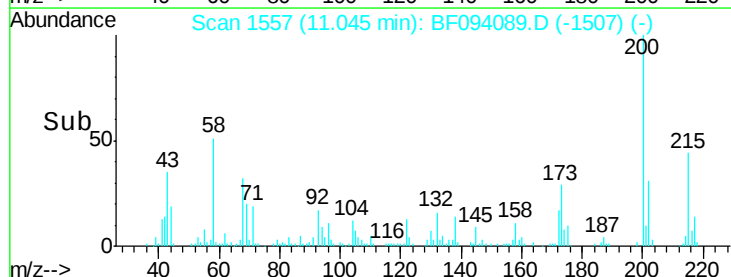
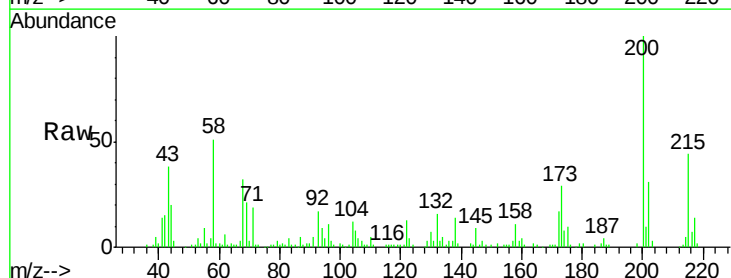
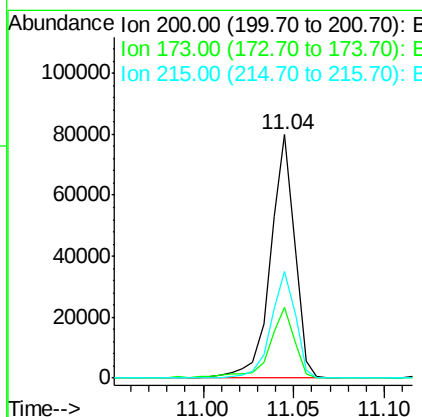


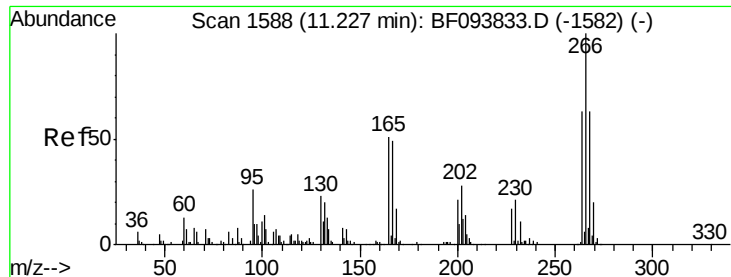
3/31/2017 4:31:48 PM



#68
Atrazine
Concen: 12.84 ng
RT: 11.04 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:	200	Resp:	73395
Ion Ratio	Lower	Upper	
200	100		
173	28.9	6.3	46.3
215	43.7	27.2	67.2





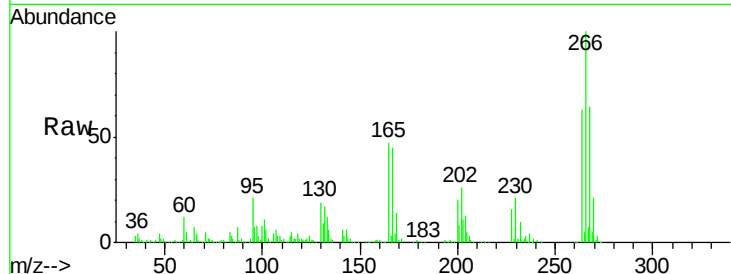
#69
 Pentachlorophenol
 Concen: 78.20 ng
 RT: 11.15 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	267454		
268	63.8	51.1	76.7	
264	63.4	51.7	77.5	

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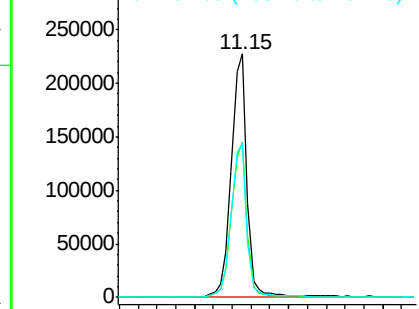


Abundance

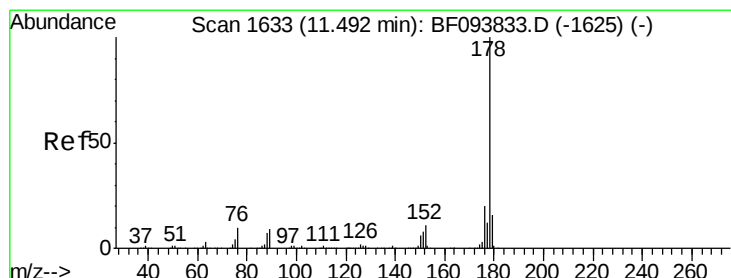
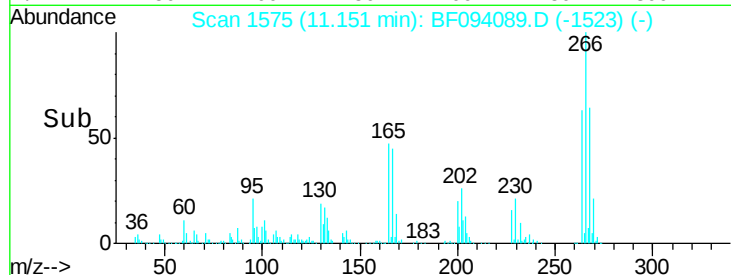
Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

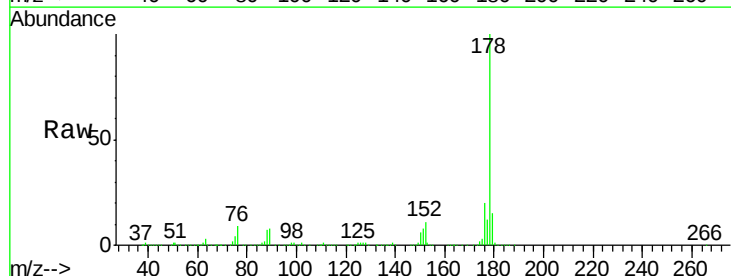


3/31/2017 4:31:48 PM



#70
 Phenanthrene
 Concen: 44.95 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1380005		
176	19.6	16.2	24.4	
179	15.3	12.6	19.0	

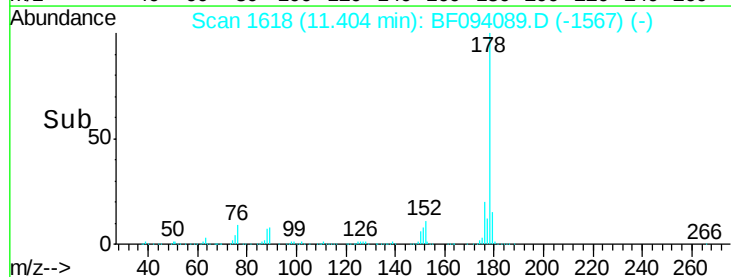
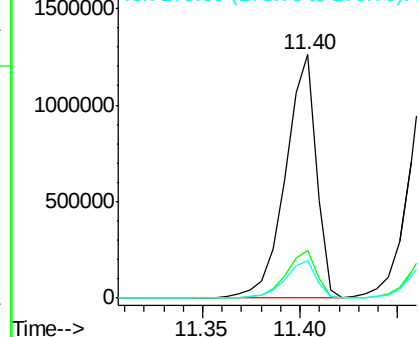


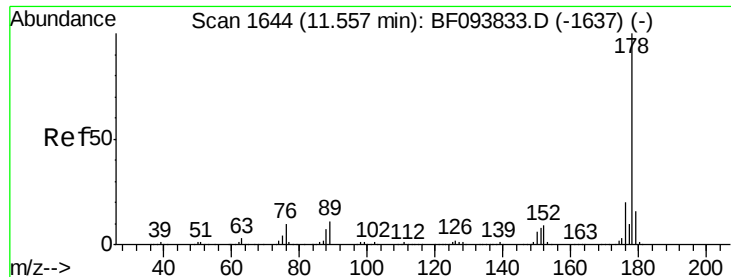
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





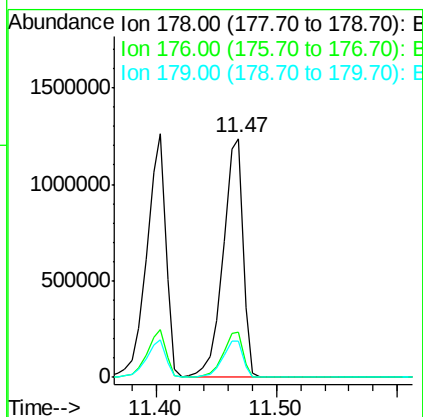
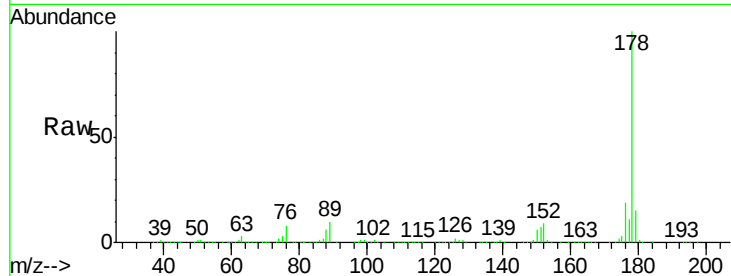
#71
 Anthracene
 Concen: 44.51 ng
 RT: 11.47 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

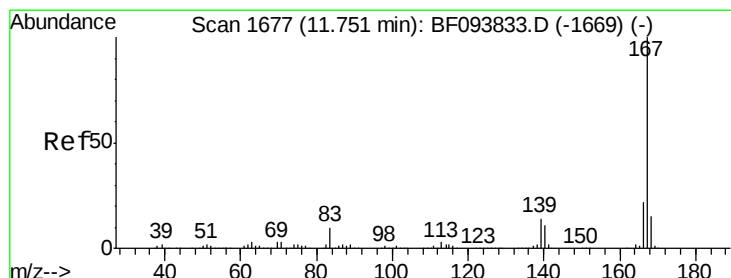
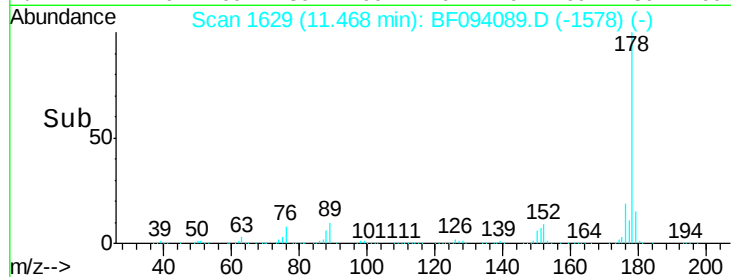
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.7	15.8	23.8	
179	15.4	12.7	19.1	

Manual Integrations
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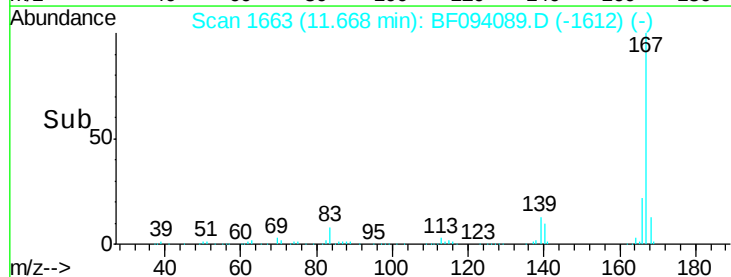
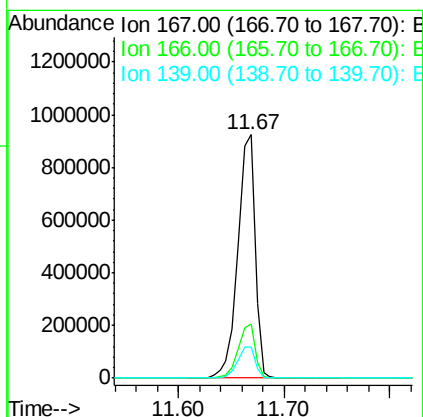
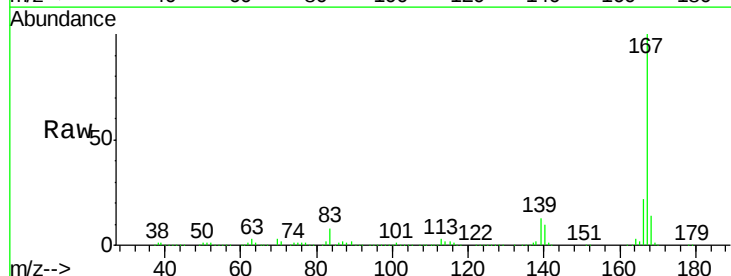


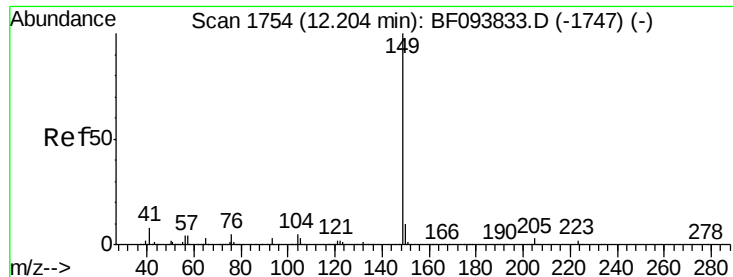
3/31/2017 4:31:48 PM



#72
 Carbazole
 Concen: 32.06 ng
 RT: 11.67 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	18.1	27.1	
139	12.7	11.7	17.5	





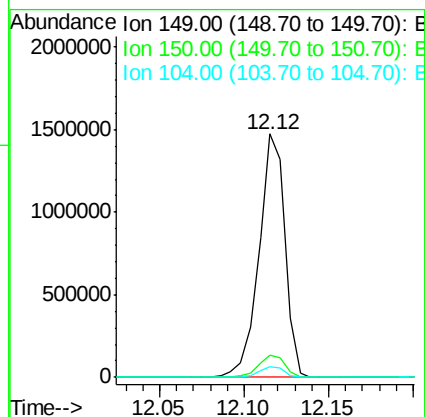
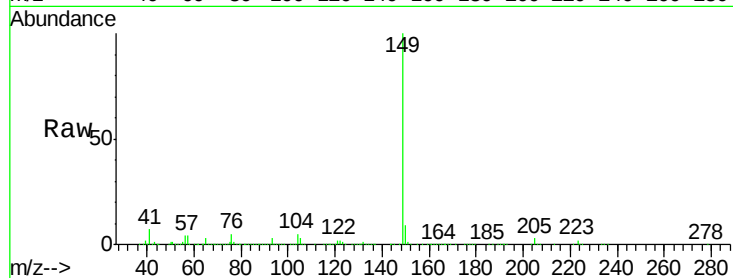
#73
Di-n-butylphthalate
Concen: 46.76 ng
RT: 12.12 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

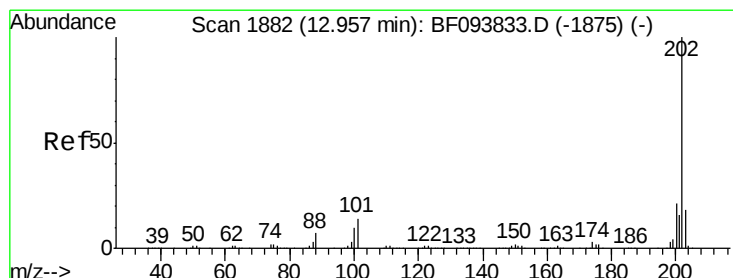
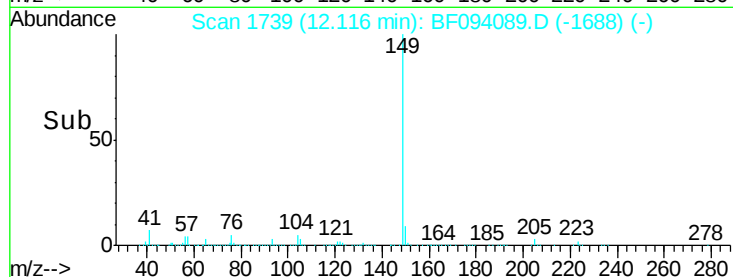
Tot Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.6	4.0	6.0	

Manual Integrations
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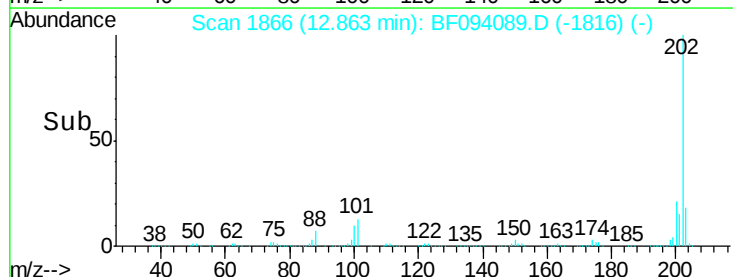
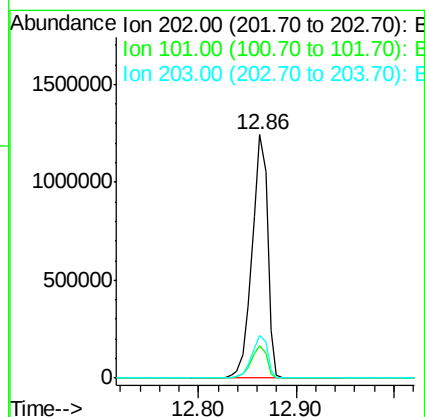
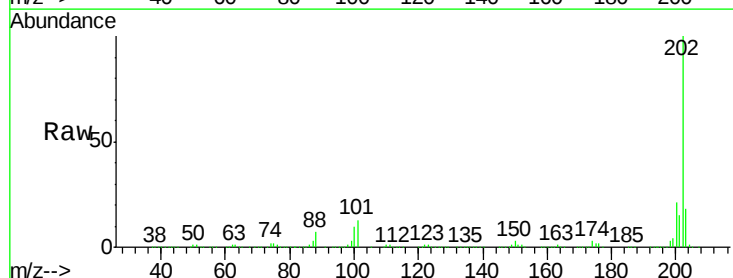


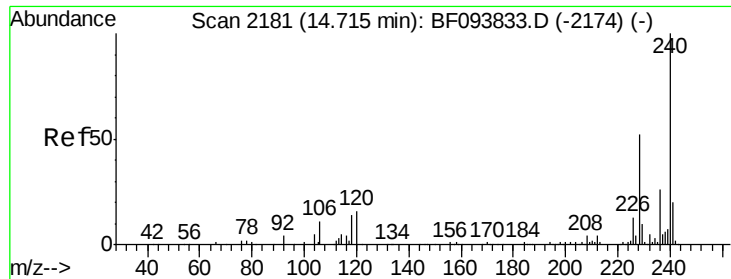
3/31/2017 4:31:48 PM



#74
Fluoranthene
Concen: 44.28 ng
RT: 12.86 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
101	13.5	0.0	33.2	
203	17.6	0.0	38.1	





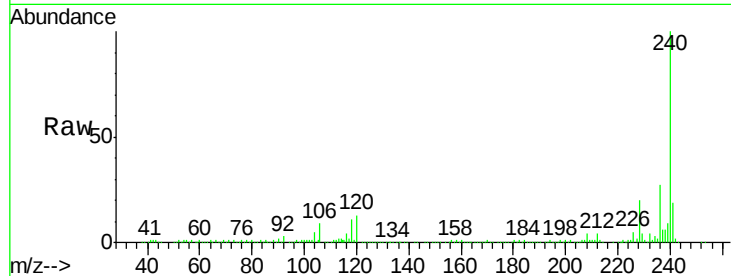
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

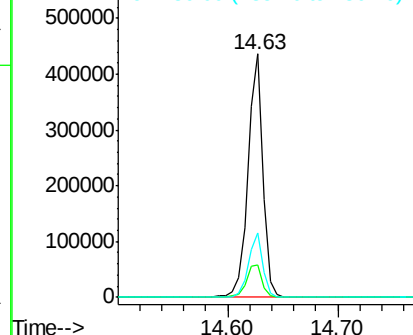
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	26.6	20.5	30.7

Manual Integrations
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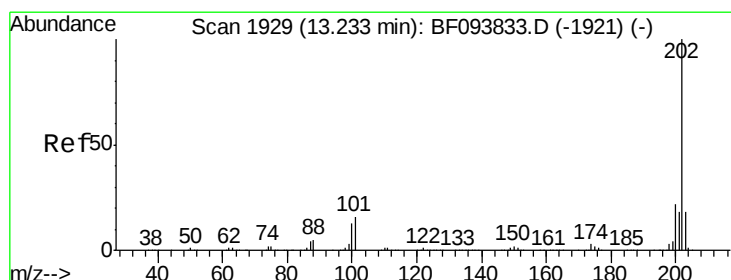
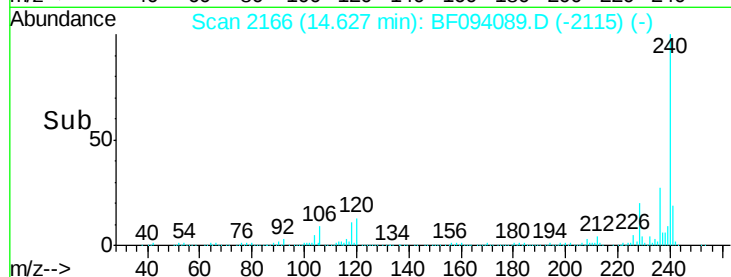
mohammad



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



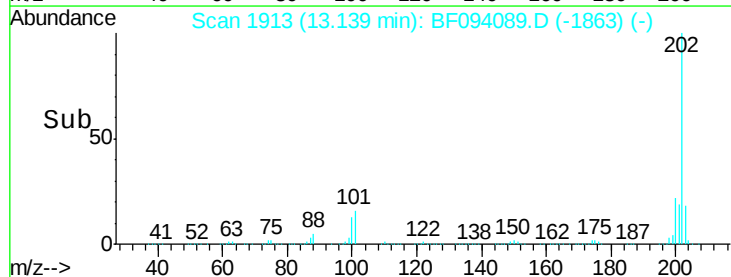
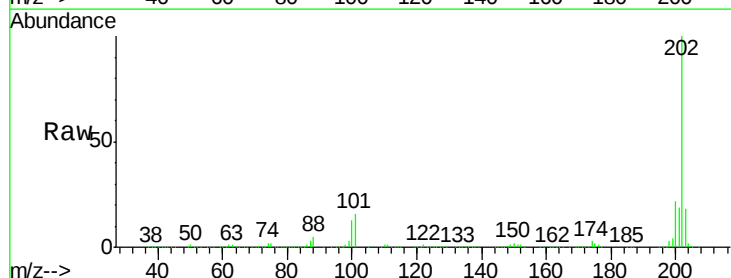
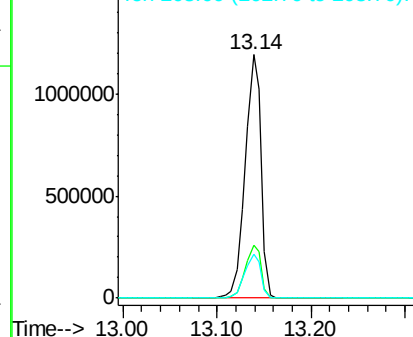
3/31/2017 4:31:48 PM

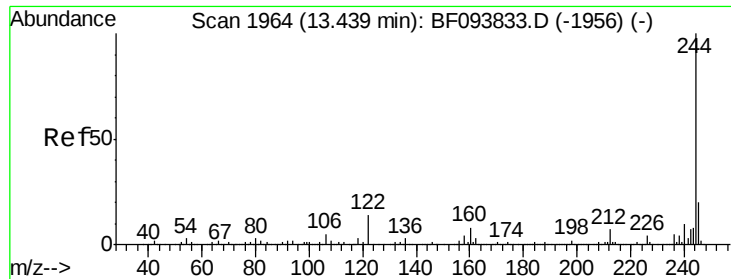


#77
Pyrene
Concen: 46.48 ng
RT: 13.14 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.1	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





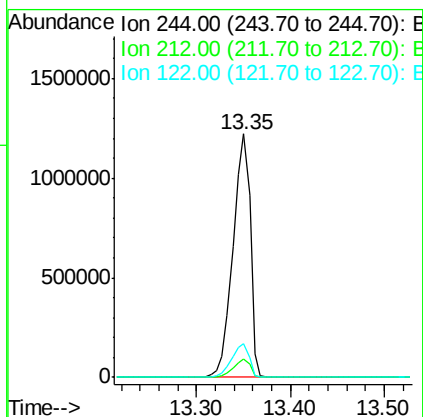
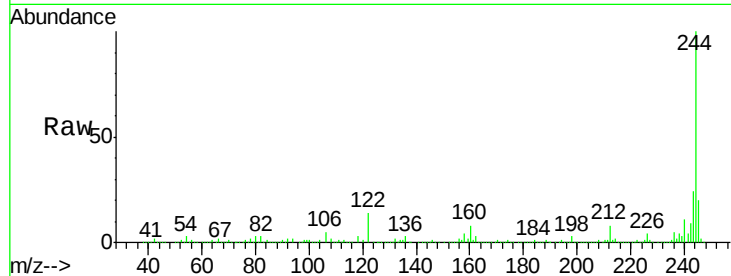
#78
 Terphenyl-d14
 Concen: 84.30 ng
 RT: 13.35 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001MS

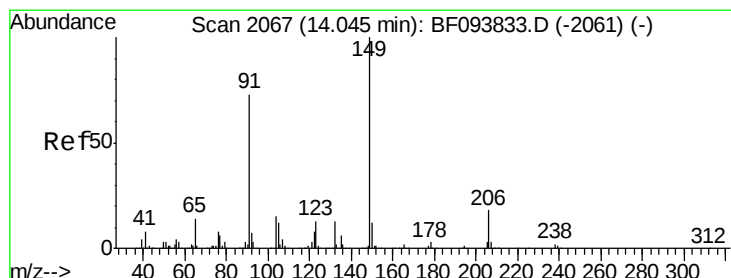
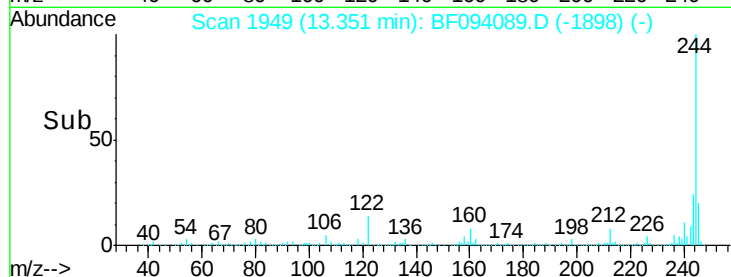
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.9	10.3	15.5

Manual Integrations
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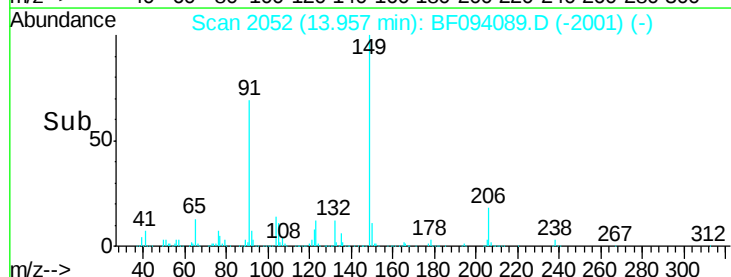
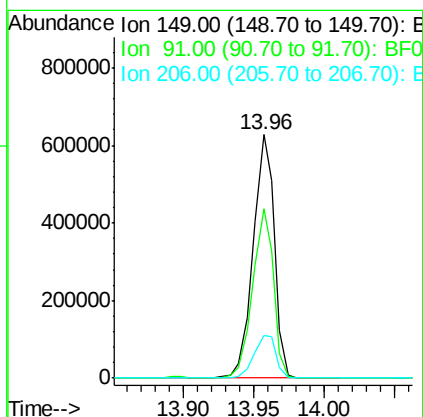
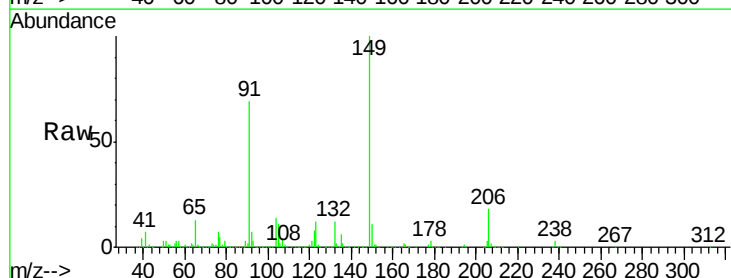


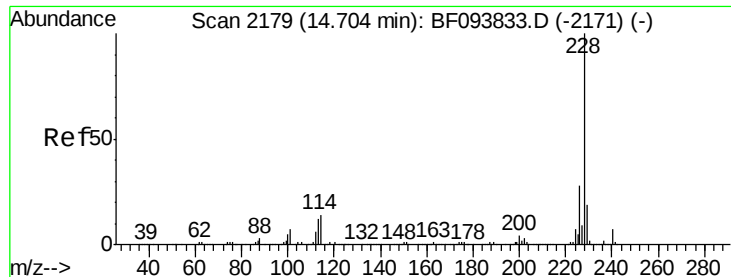
3/31/2017 4:31:48 PM



#79
 Butylbenzylphthalate
 Concen: 51.95 ng
 RT: 13.96 min Scan# 2052
 Delta R.T. -0.00 min
 Lab File: BF094089.D
 Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	45.0	67.4#
206	17.5	17.0	25.6





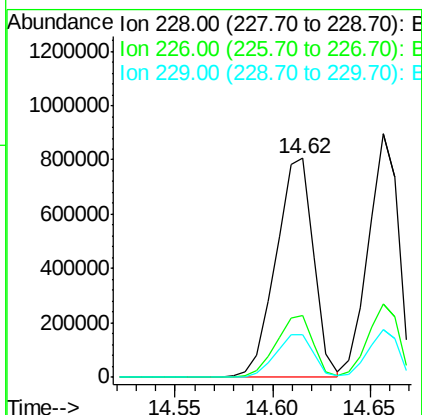
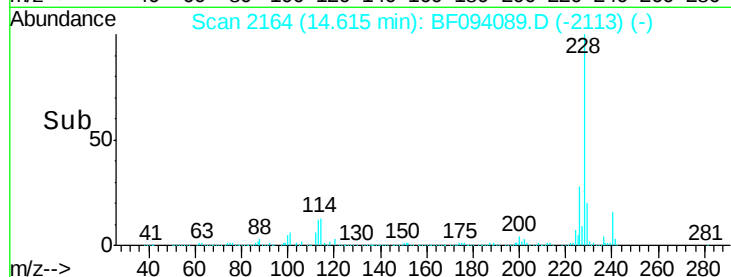
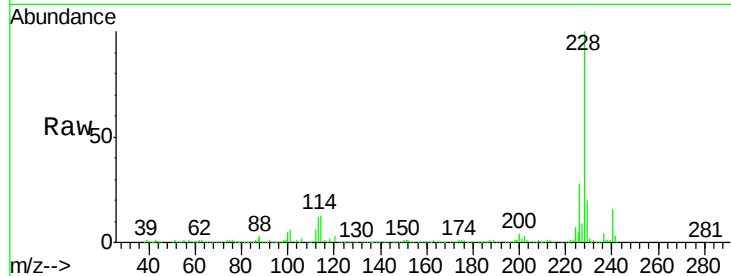
#80
Benzo(a)anthracene
Concen: 44.49 ng
RT: 14.62 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

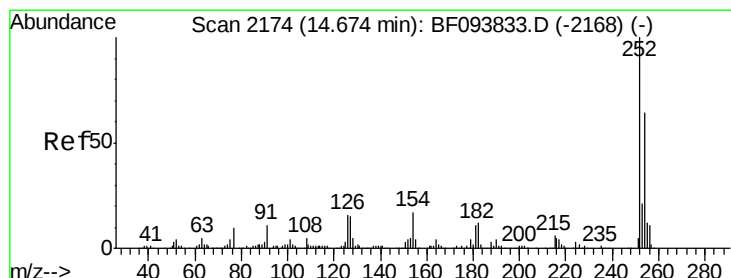
Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.1	22.6	33.8	
229	19.5	16.3	24.5	

Manual Integrations
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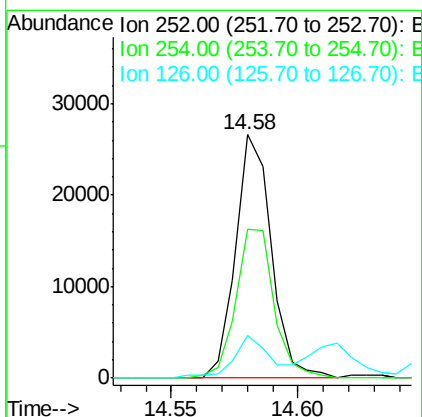
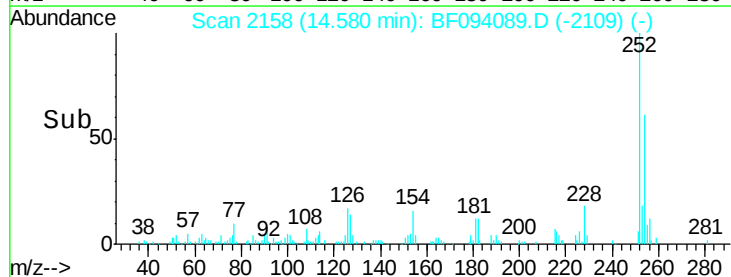
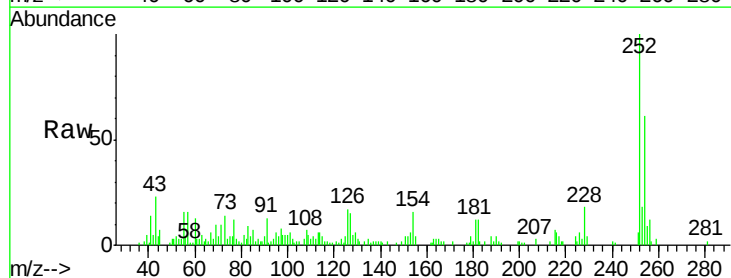


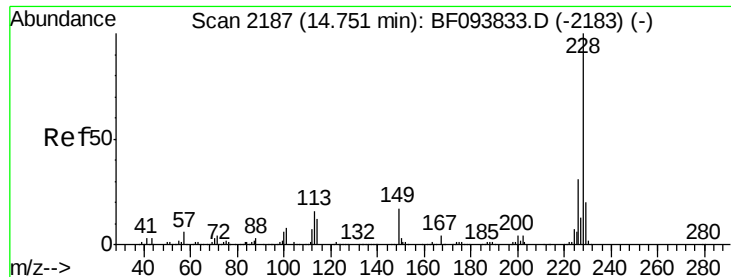
3/31/2017 4:31:48 PM



#81
3,3'-Dichlorobenzidine
Concen: 3.02 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
254	61.4	51.5	77.3	
126	17.5	15.8	23.8	





#82

Chrysene

Concen: 42.79 ng

RT: 14.66 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF094089.D

Acq: 31 Mar 2017 11:47

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001MS

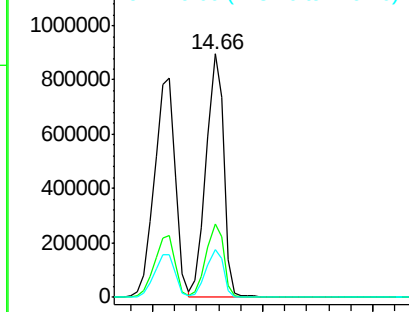
Tot Ion:	228	Resp:	959158
Ion Ratio		Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.5	15.8	23.6

Manual Integrations
APPROVED

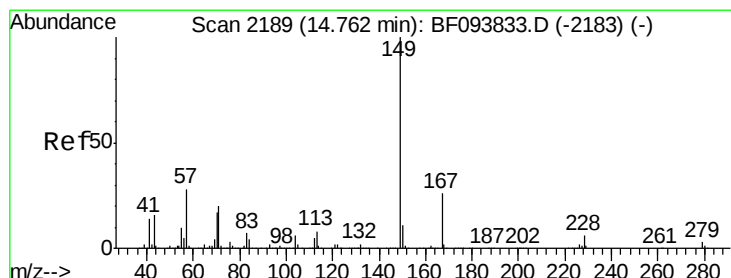
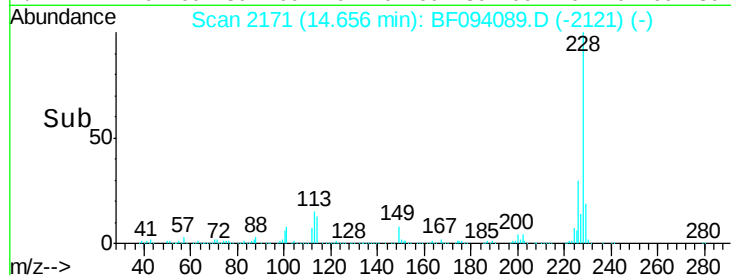
mohammad



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



3/31/2017 4:31:48 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.52 ng

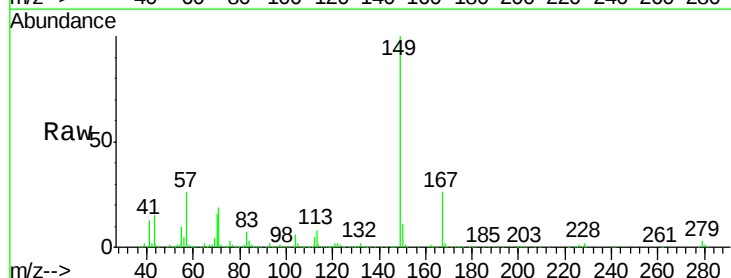
RT: 14.67 min Scan# 2174

Delta R.T. -0.00 min

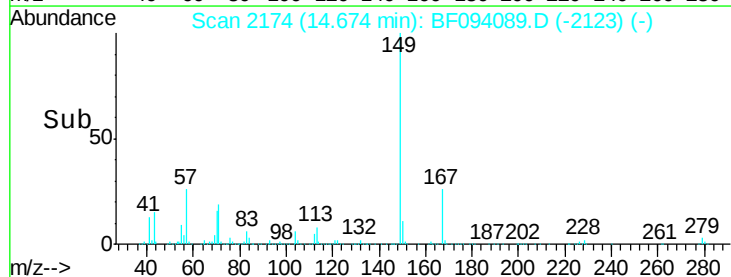
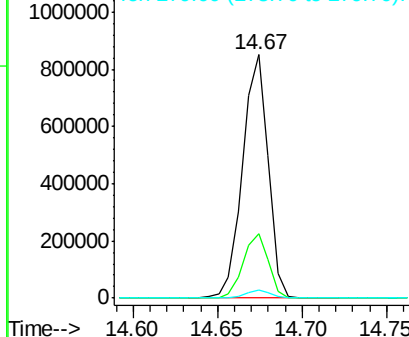
Lab File: BF094089.D

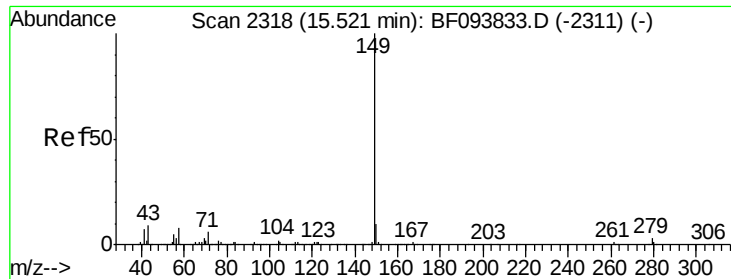
Acq: 31 Mar 2017 11:47

Tgt Ion:	149	Resp:	900392
Ion Ratio		Lower	Upper
149	100		
167	26.5	21.0	31.4
279	3.2	1.9	2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





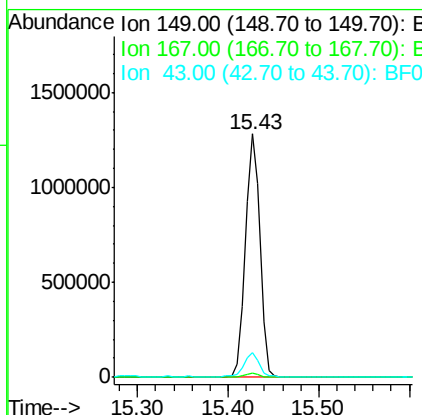
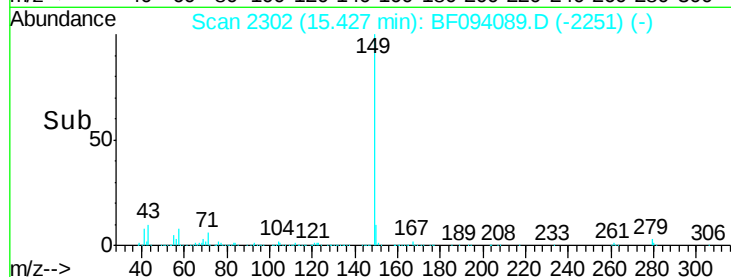
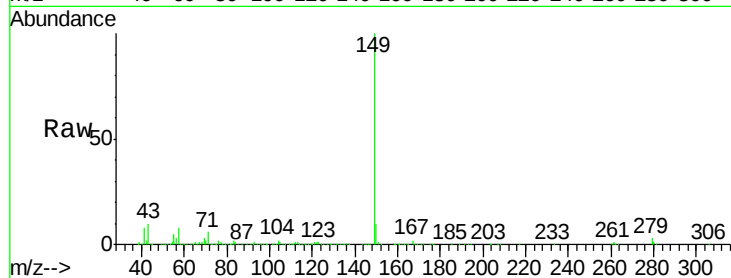
#84
Di-n-octyl phthalate
Concen: 48.80 ng
RT: 15.43 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

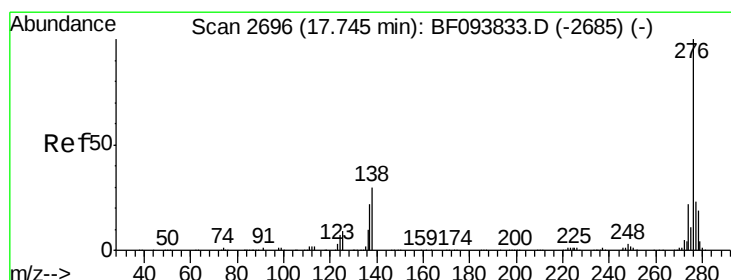
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7

Manual Integrations
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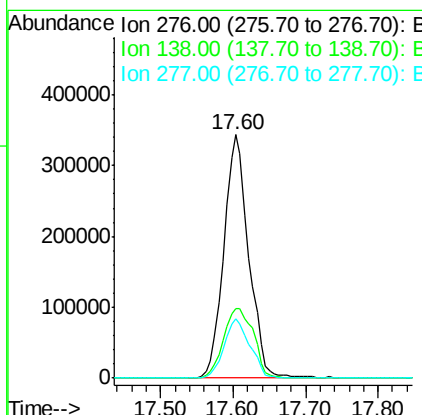
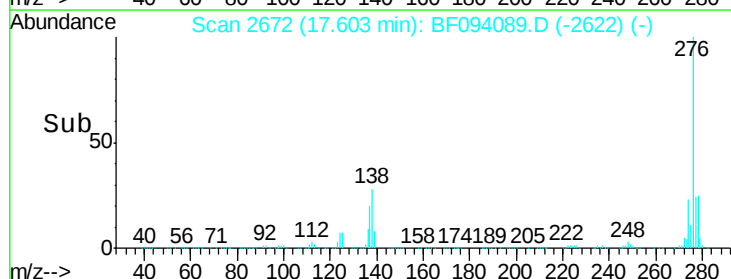
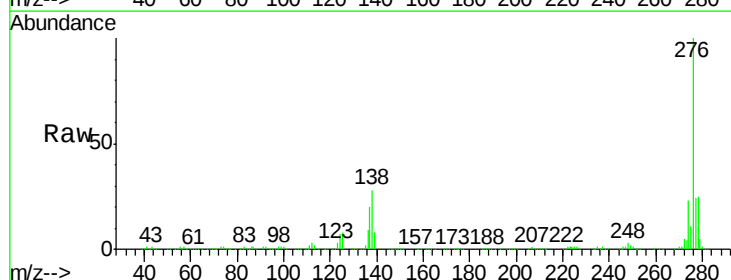


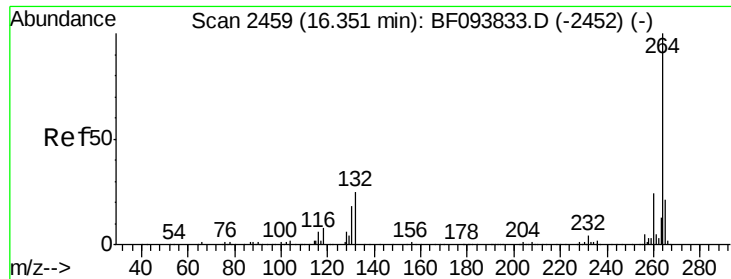
3/31/2017 4:31:48 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.13 ng
RT: 17.60 min Scan# 2672
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.5	20.2	30.4





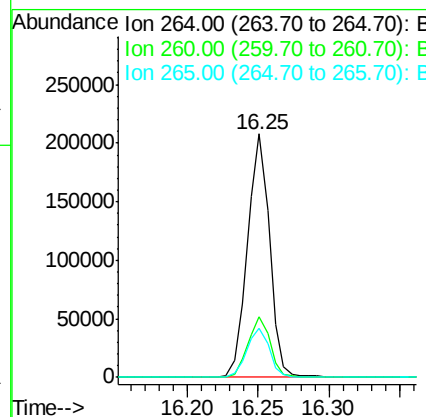
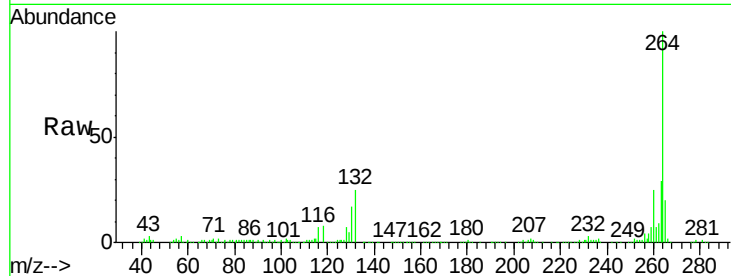
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.25 min Scan# 2442
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

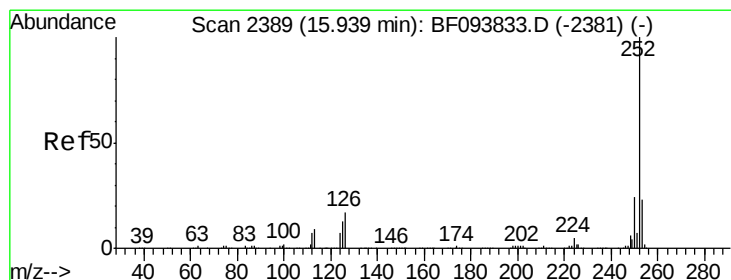
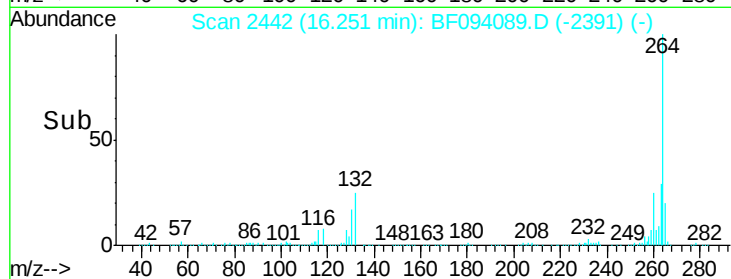
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	20.0	17.2	25.8

Manual Integrations
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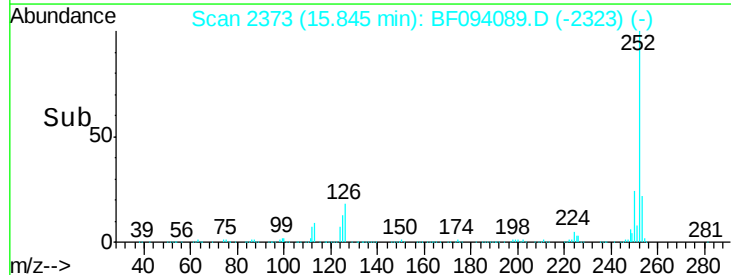
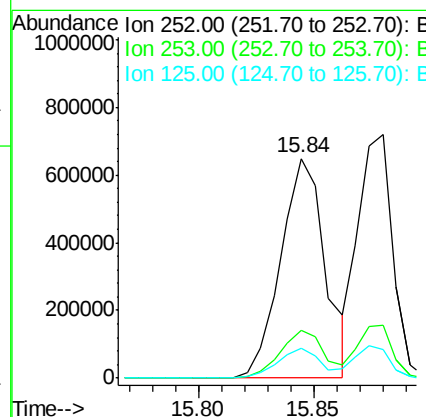
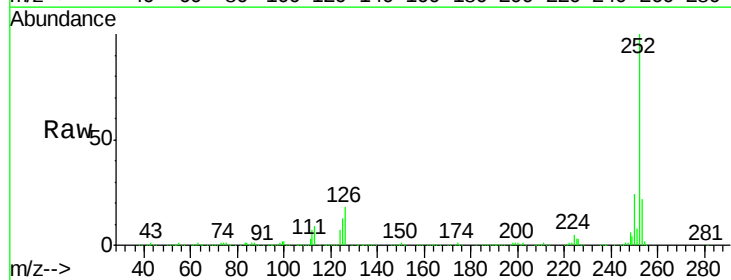


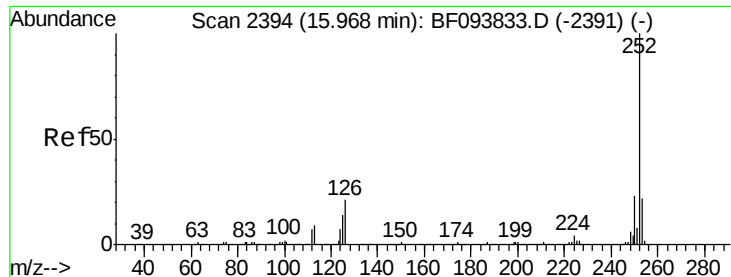
3/31/2017 4:31:48 PM



#87
Benzo(b)fluoranthene
Concen: 62.00 ng
RT: 15.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	13.4	9.8	14.8





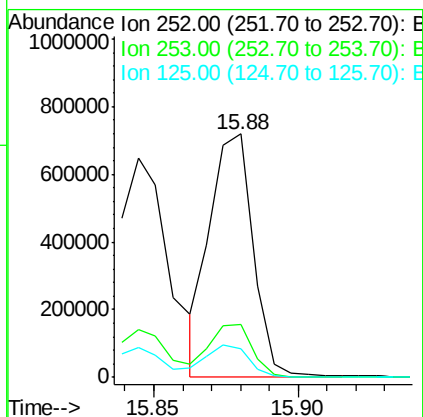
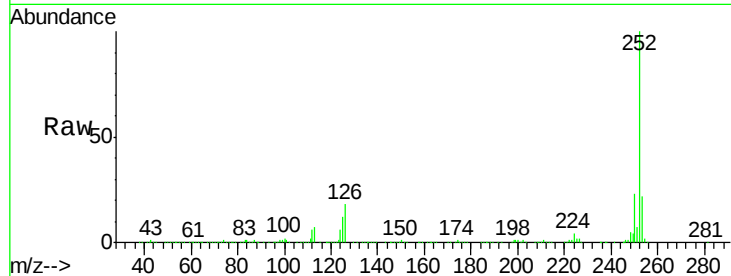
#88
Benzo(k)fluoranthene
Concen: 54.91 ng m
RT: 15.88 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

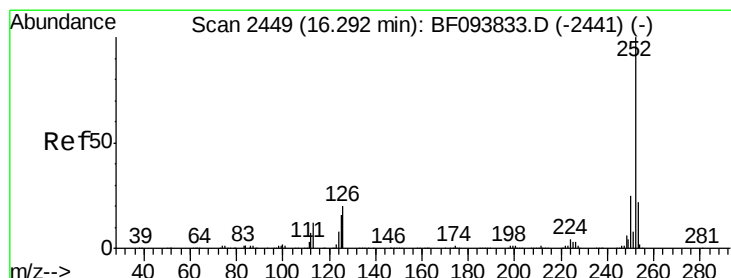
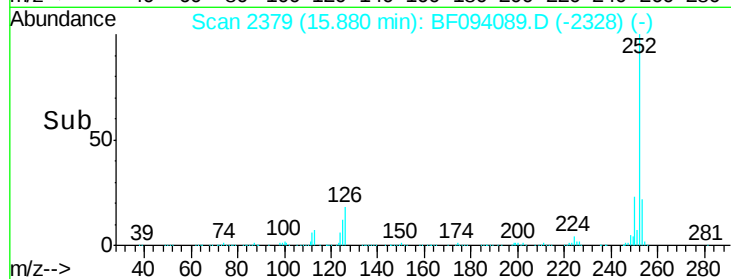
Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		752782		
253	21.7	18.4	27.6		
125	11.9	13.1	19.7		

Manual Integrations
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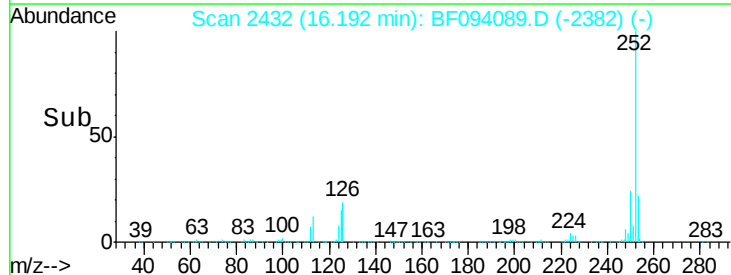
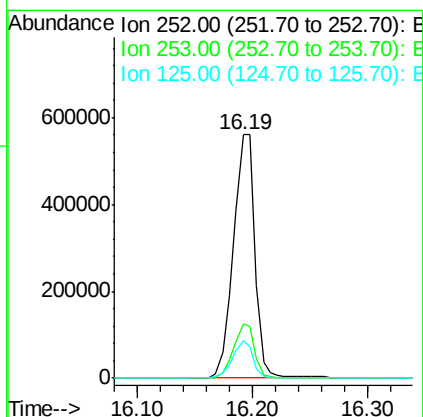
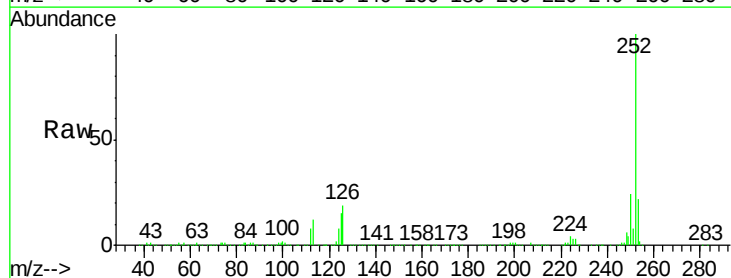


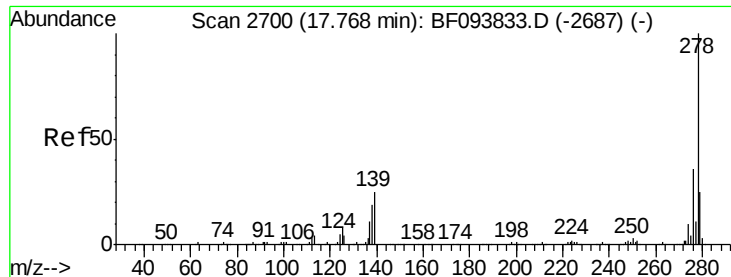
3/31/2017 4:31:48 PM



#89
Benzo(a)pyrene
Concen: 56.25 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		725809		
253	22.2	17.5	26.3		
125	15.4	11.0	16.4		





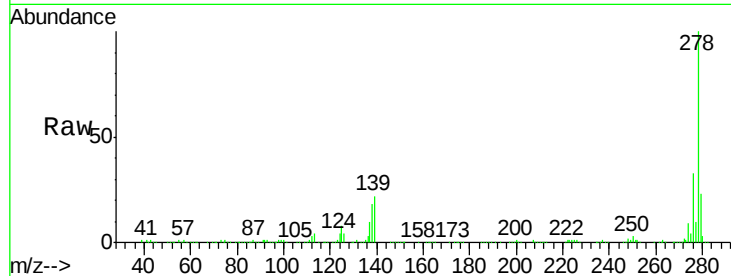
#90
Dibenzo(a,h)anthracene
Concen: 62.25 ng
RT: 17.63 min Scan# 2676
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001MS

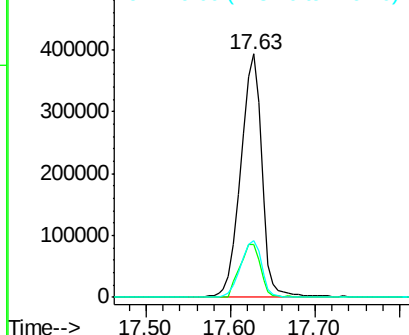
Tot Ion:278	Resp:	680195
Ion Ratio	Lower	Upper
278	100	
139	21.8	16.6 24.8
279	23.3	19.3 28.9

Manual Integrations
APPROVED

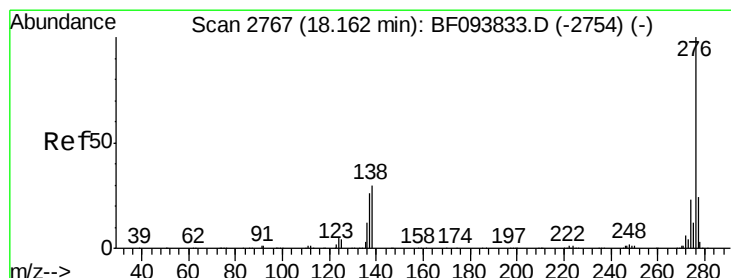
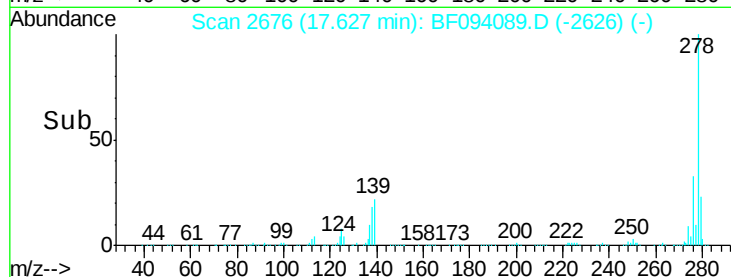
mohammad



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

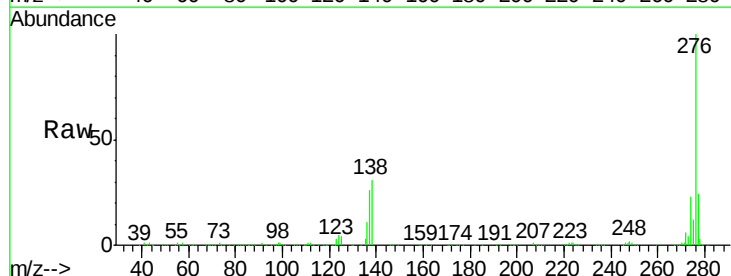


3/31/2017 4:31:48 PM



#91
Benzo(g,h,i)perylene
Concen: 62.49 ng
RT: 18.00 min Scan# 2740
Delta R.T. -0.01 min
Lab File: BF094089.D
Acq: 31 Mar 2017 11:47

Tgt Ion:276	Resp:	688185
Ion Ratio	Lower	Upper
276	100	
277	24.3	18.6 28.0
138	31.4	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

