

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090953.D
 Acq On : 1 Nov 2016 16:21
 Operator : UM/SJ
 Sample : H5489-05MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Manual Integrations
 APPROVED

Umangi
 11/2/2016 5:41:45 PM

Quant Time: Nov 02 01:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	174985	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	746114	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	385633	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	621144	20.00	ng	0.00
75) Chrysene-d12	13.89	240	473550	20.00	ng	-0.01
86) Perylene-d12	15.29	264	339966	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1517687	151.64	ng	0.01
7) Phenol-d6	6.40	99	1987173	147.17	ng	0.00
23) Nitrobenzene-d5	7.31	82	1274662	111.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	604709	152.59	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1991725	90.69	ng	-0.01
78) Terphenyl-d14	12.85	244	2266226	120.57	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	217859	42.58	ng	87
3) Pyridine	3.00	79	589931	42.50	ng	# 79
4) n-Nitrosodimethylamine	2.97	42	272780	69.81	ng	82
6) Aniline	6.41	93	633257	41.06	ng	# 1
8) 2-Chlorophenol	6.52	128	601051	48.68	ng	# 80
9) Benzaldehyde	6.28	77	89091	12.78	ng	# 71
10) Phenol	6.41	94	883138	59.35	ng	# 54
11) bis(2-Chloroethyl)ether	6.49	93	667916	54.25	ng	90
12) 1,3-Dichlorobenzene	6.68	146	616363	48.81	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	608361	45.81	ng	# 87
14) 1,2-Dichlorobenzene	6.91	146	634710m	49.86	ng	
15) Benzyl Alcohol	6.89	79	492949	55.59	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.02	45	840174	68.58	ng	73
17) 2-Methylphenol	7.01	107	525655	55.97	ng	# 80
18) Hexachloroethane	7.25	117	248442	51.40	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	480856	61.60	ng	# 71
20) 3+4-Methylphenols	7.16	107	600427	55.22	ng	# 58
22) Acetophenone	7.16	105	850648	55.42	ng	# 82
24) Nitrobenzene	7.33	77	708281	58.75	ng	# 77
25) Isophorone	7.57	82	1335915	57.76	ng	# 89
26) 2-Nitrophenol	7.64	139	311944	48.30	ng	# 47
27) 2,4-Dimethylphenol	7.70	122	567974	54.32	ng	# 84
28) bis(2-Chloroethoxy)methane	7.79	93	787259	59.85	ng	# 96
29) 2,4-Dichlorophenol	7.89	162	508585	52.53	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	526185	47.03	ng	99
31) Naphthalene	8.05	128	1729315	49.58	ng	98
32) Benzoic acid	7.79	122	76616	10.09	ng	# 61
33) 4-Chloroaniline	8.10	127	389220	27.62	ng	# 84
34) Hexachlorobutadiene	8.17	225	281208	42.75	ng	98
35) Caprolactam	8.49	113	157155m	52.30	ng	
36) 4-Chloro-3-methylphenol	8.60	107	598817	56.87	ng	86
37) 2-Methylnaphthalene	8.74	142	1074365	47.69	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	552095	52.18	ng	98
40) Hexachlorocyclopentadiene	8.90	237	486823	100.02	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	366255	53.63	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	342822	48.74	nq	# 91
45) 1,1'-Biphenyl	9.21	154	1430254	51.49	nq	93
46) 2-Chloronaphthalene	9.23	162	1132420	53.59	nq	# 91
47) 2-Nitroaniline	9.33	65	429349	72.01	nq	# 80
48) Acenaphthylene	9.64	152	1558607	48.72	nq	95
49) Dimethylphthalate	9.52	163	1690757	65.62	nq	# 97
50) 2,6-Dinitrotoluene	9.57	165	259719	45.64	nq	# 43
51) Acenaphthene	9.81	154	934981	42.43	nq	88
52) 3-Nitroaniline	9.74	138	235750	38.92	nq	# 69
53) 2,4-Dinitrophenol	9.86	184	257700	86.03	nq	# 87
54) Dibenzofuran	9.98	168	1361962	47.90	nq	# 83
55) 4-Nitrophenol	9.93	139	453396	122.73	nq	# 77
56) 2,4-Dinitrotoluene	9.98	165	410246	58.04	nq	# 89
57) Fluorene	10.33	166	1069661	45.93	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.11	232	323951	51.57	nq	95
59) Diethylphthalate	10.21	149	1272778	49.74	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	582254	51.21	nq	93
61) 4-Nitroaniline	10.36	138	292903	48.82	nq	# 44
62) Azobenzene	10.49	77	1546505	61.45	nq	90
64) 4,6-Dinitro-2-methylphenol	10.40	198	189099	45.92	nq	# 64
65) n-Nitrosodiphenylamine	10.44	169	1010843	53.13	nq	90
66) 4-Bromophenyl-phenylether	10.81	248	315468	46.38	nq	# 85
67) Hexachlorobenzene	10.88	284	376735	46.80	nq	# 92
68) Atrazine	10.98	200	332911	56.56	nq	85
69) Pentachlorophenol	11.07	266	390324	90.38	nq	99
70) Phenanthrene	11.29	178	1665500m	52.65	nq	
71) Anthracene	11.34	178	1751609	52.59	nq	97
72) Carbazole	11.49	167	1427963	48.55	nq	# 92
73) Di-n-butylphthalate	11.84	149	2059113	54.31	nq	# 98
74) Fluoranthene	12.48	202	1720536	49.67	nq	88
76) Benzidine	12.60	184	547677	52.97	nq	97
77) Pyrene	12.69	202	1705937	56.92	nq	95
79) Butylbenzylphthalate	13.32	149	797265	58.63	nq	# 80
80) Benzo(a)anthracene	13.88	228	1440148	57.30	nq	95
81) 3,3'-Dichlorobenzidine	13.85	252	321856	32.99	nq	99
82) Chrysene	13.93	228	1523233m	59.92	nq	
83) Bis(2-ethylhexyl)phthalate	13.88	149	1091139	61.62	nq	# 92
84) Di-n-octyl phthalate	14.50	149	1887761	63.49	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.63	276	1055593	46.86	nq	# 95
87) Benzo(b)fluoranthene	14.90	252	1112150	48.65	nq	# 91
88) Benzo(k)fluoranthene	14.93	252	1233561m	68.28	nq	
89) Benzo(a)pyrene	15.24	252	1059924	53.96	nq	# 85
90) Dibenzo(a,h)anthracene	16.64	278	906064	54.49	nq	# 88
91) Benzo(g,h,i)perylene	17.03	276	835144	53.33	nq	# 85

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

```

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Misc      :
ALS Vial  : 7 Sample Multiplier: 1

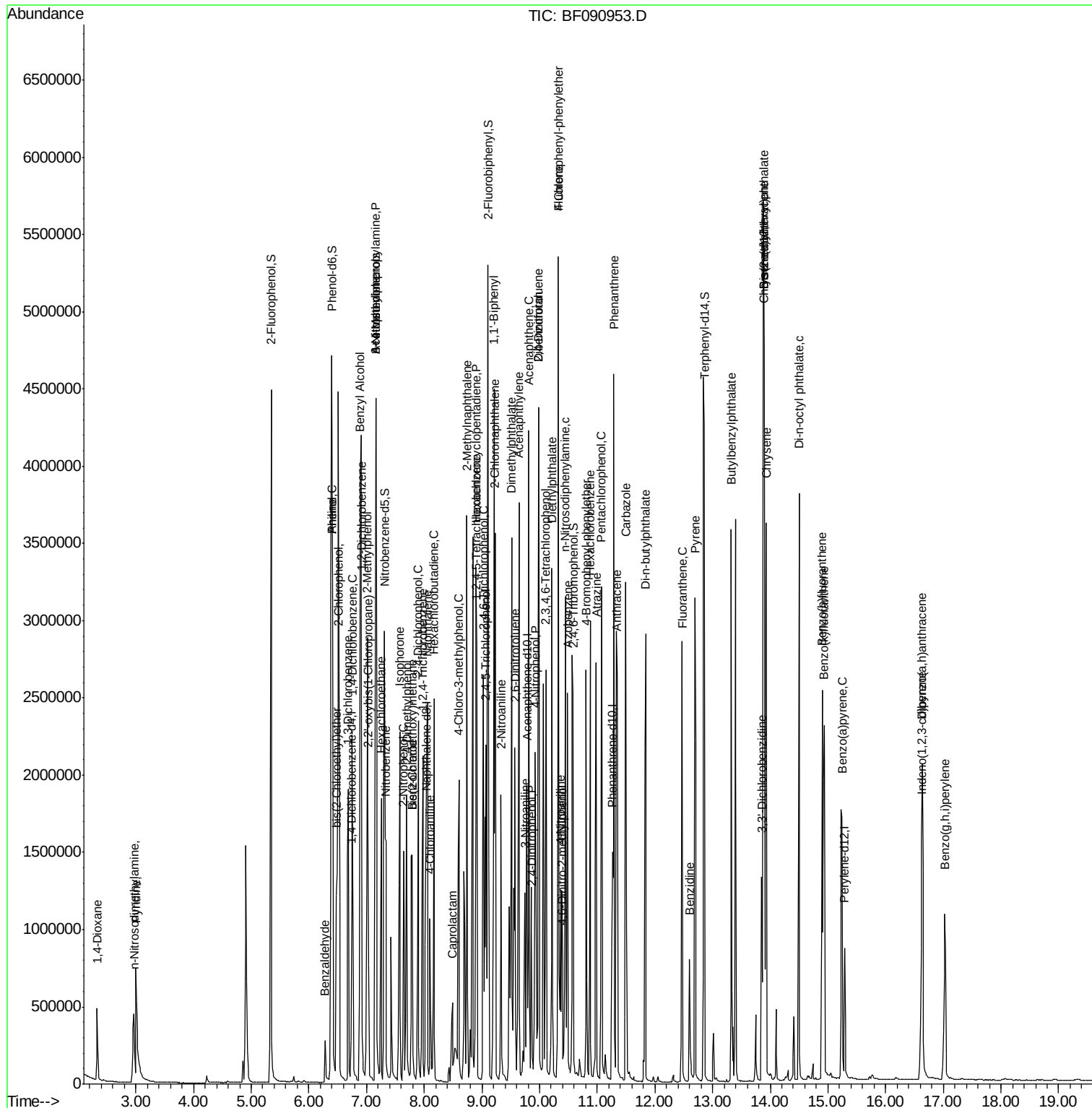
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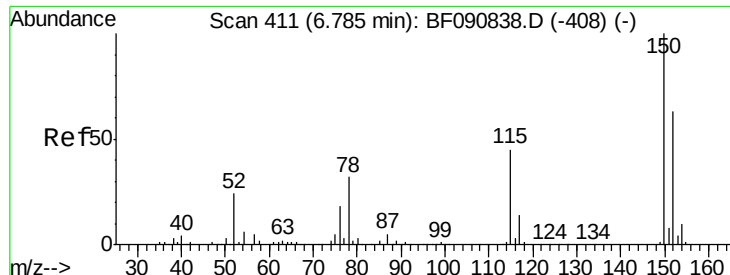
Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

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#1

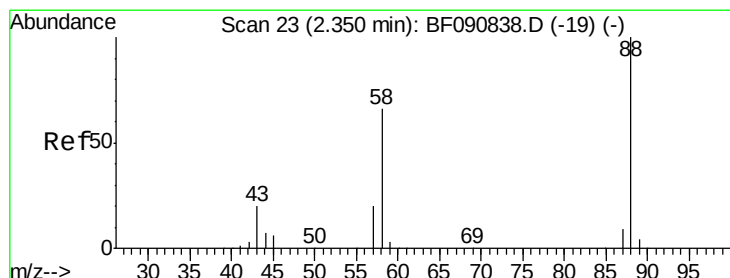
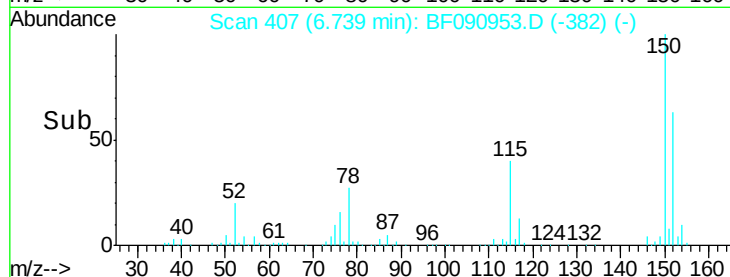
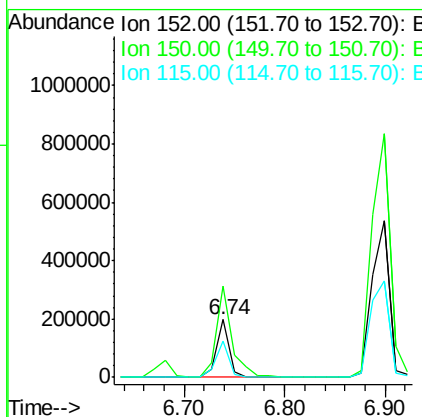
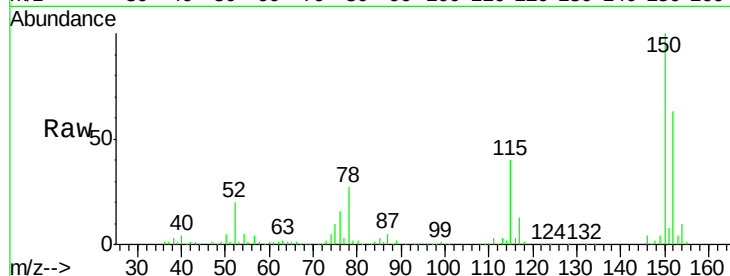
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	63.8	39.0	58.4

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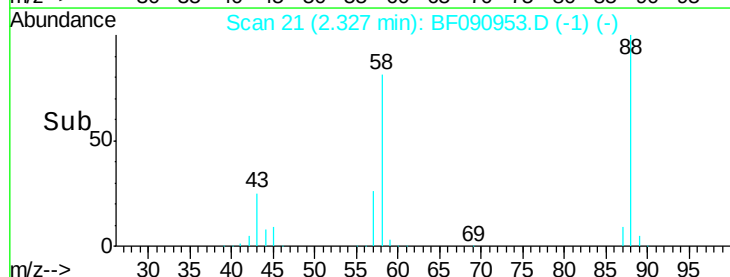
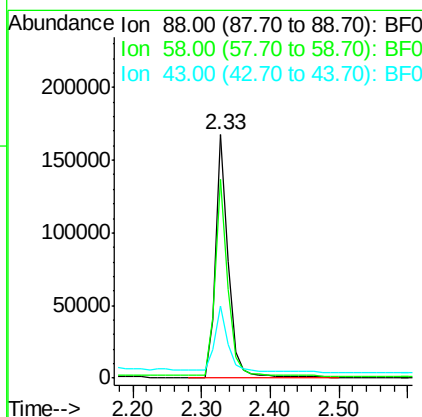
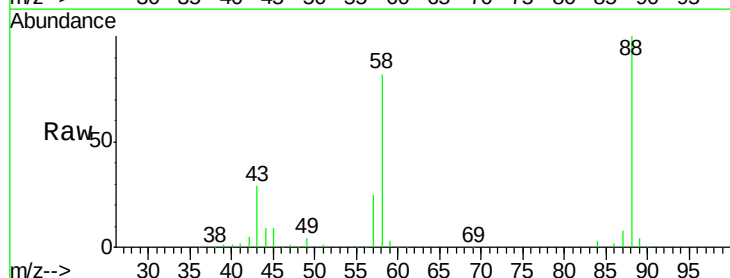
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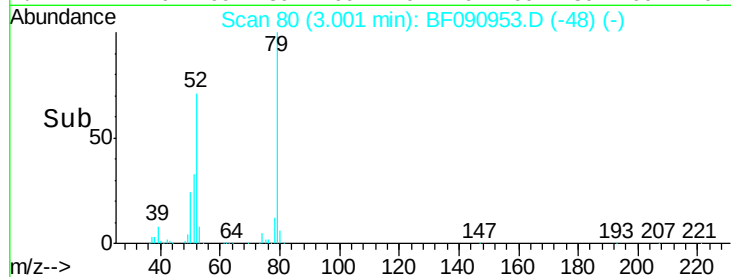
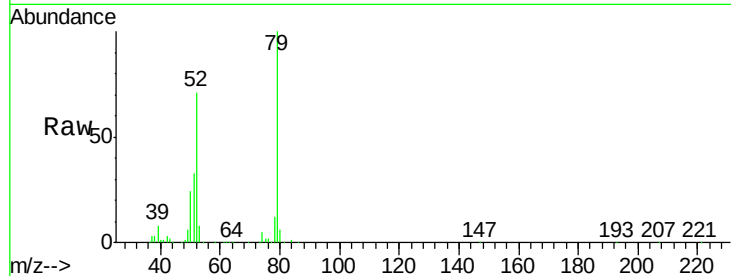
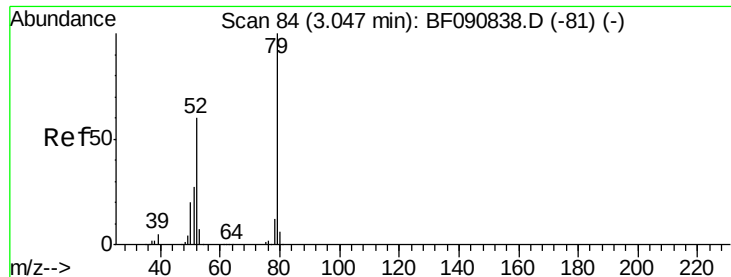


#2

1,4-Dioxane
Concen: 42.58 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	77.7	116.5
43	30.5	26.6	40.0





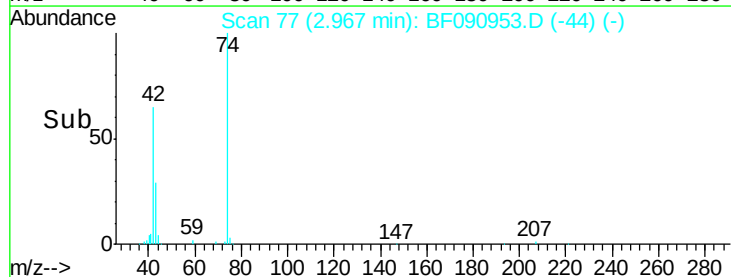
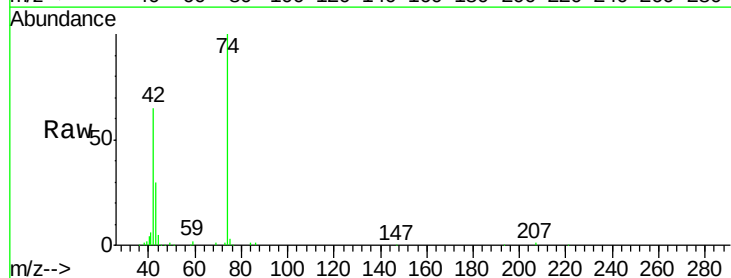
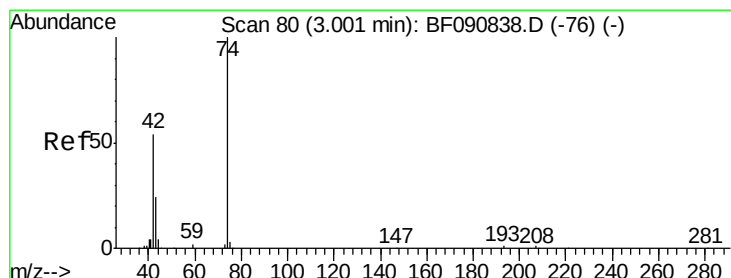
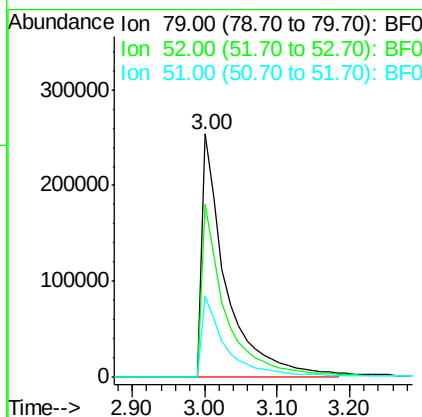
#3
 Pvridine
 Concen: 42.50 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.07 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.9	76.8	115.2#
51	33.4	32.2	48.4

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

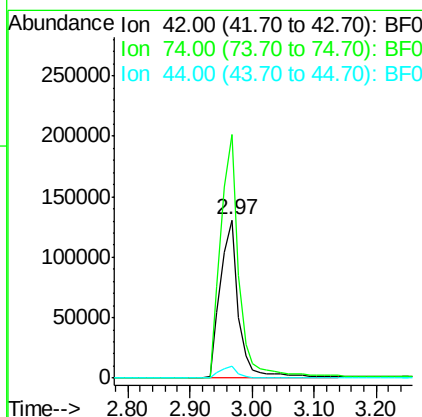
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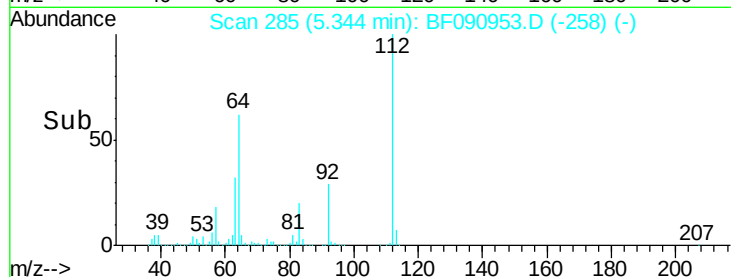
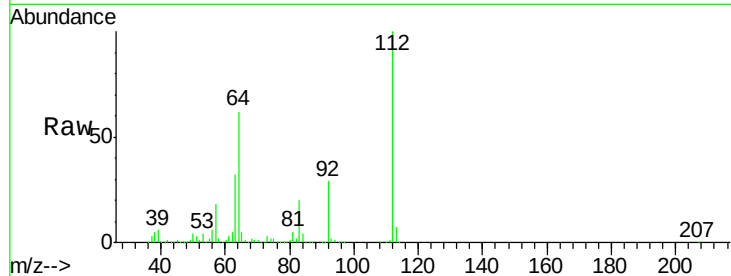
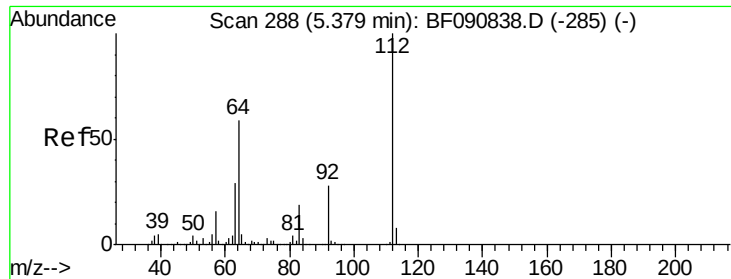
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#4
 n-Nitrosodimethylamine
 Concen: 69.81 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.08 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	153.6	105.0	157.6
44	7.2	6.6	10.0





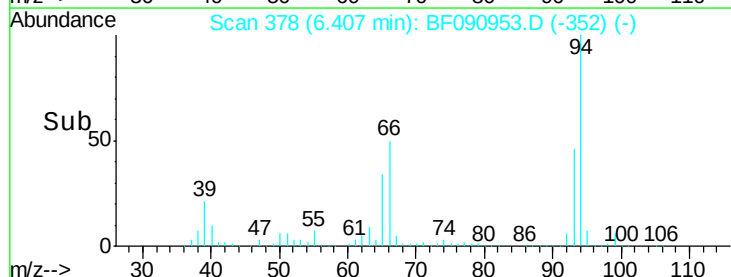
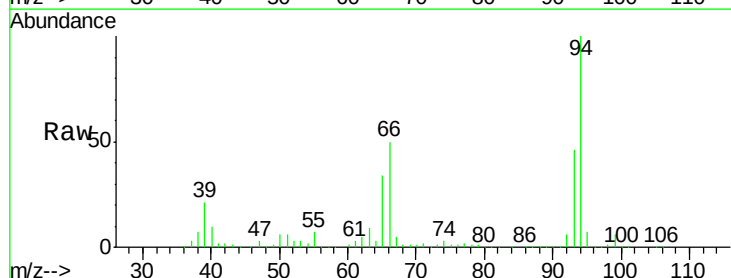
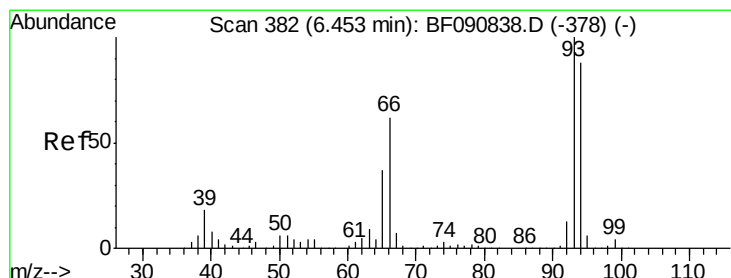
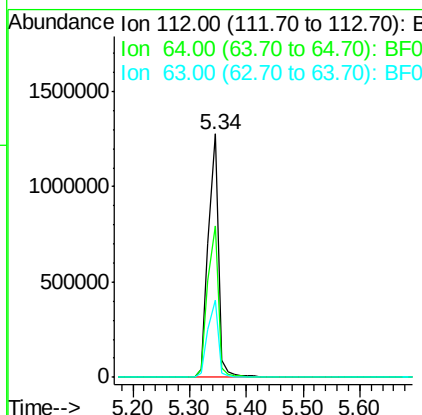
#5
2-Fluorophenol
Concen: 151.64 ng
RT: 5.34 min Scan# 285
Delta R.T. 0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tot Ion: 112 Resp: 1517687
Ion Ratio Lower Upper
112 100
64 62.2 39.7 59.5#
63 31.6 17.4 26.0#

Instrument :
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ClientSampleId :
SB-70-0.5-1.0MS

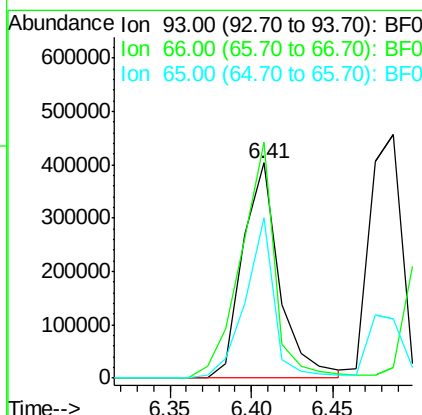
Manual Integrations
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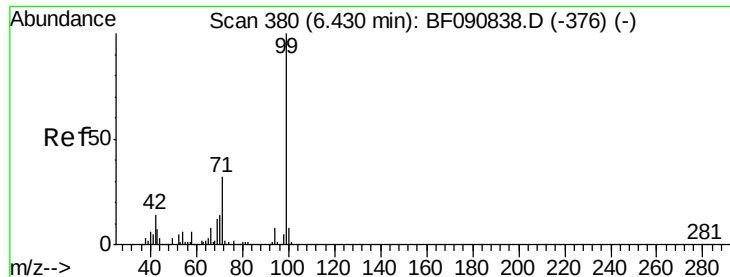
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#6
Aniline
Concen: 41.06 ng
RT: 6.41 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion: 93 Resp: 633257
Ion Ratio Lower Upper
93 100
66 109.5 27.2 40.8#
65 74.5 14.7 22.1#





#7

Phenol-d6

Concen: 147.17 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion: 99 Resp: 1987173

Ion Ratio Lower Upper

99 100

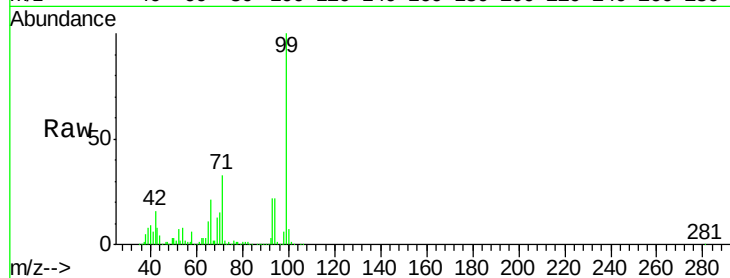
42 15.7 13.7 20.5

71 33.1 14.2 21.2#

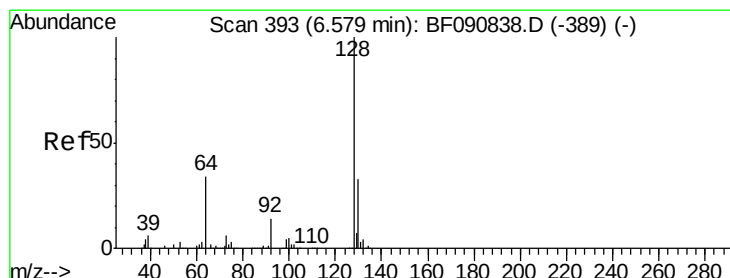
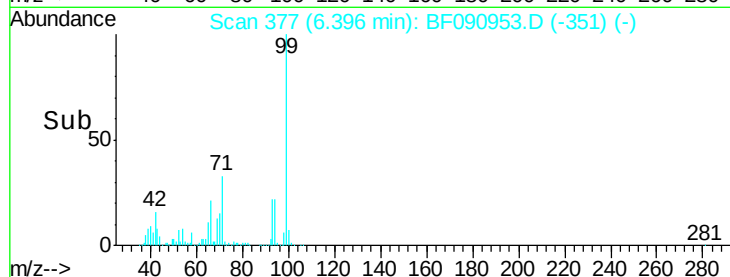
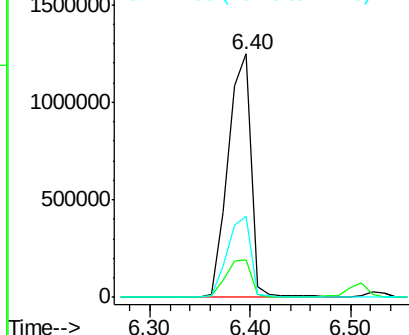
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.68 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

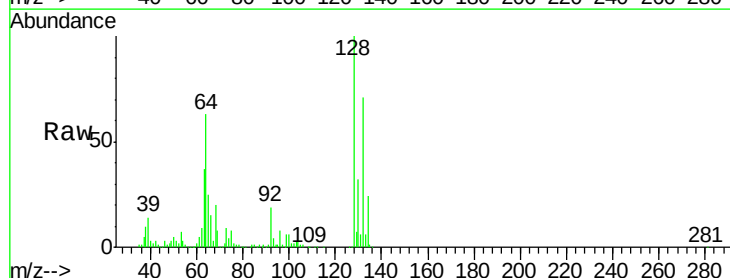
Tgt Ion: 128 Resp: 601051

Ion Ratio Lower Upper

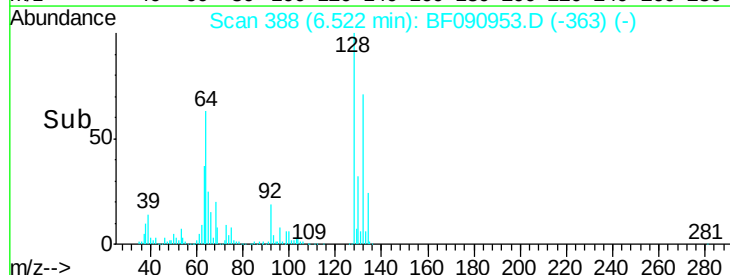
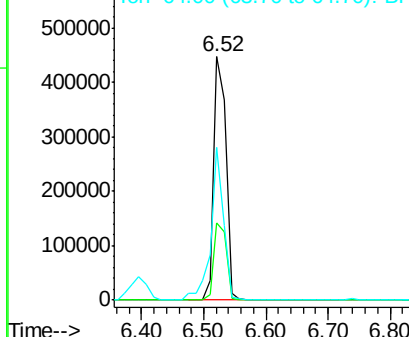
128 100

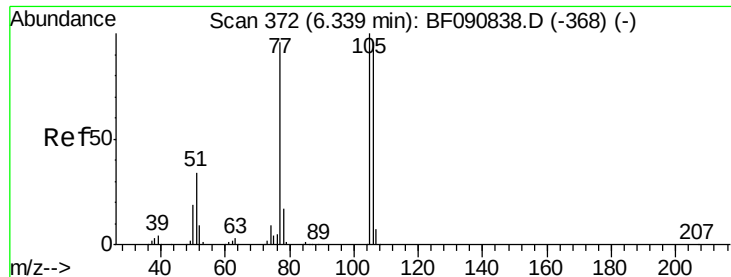
130 31.8 12.2 52.2

64 62.6 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.78 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

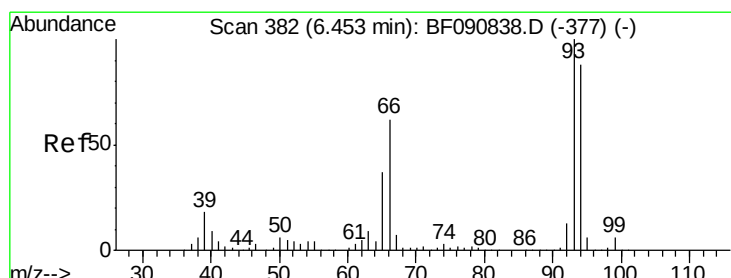
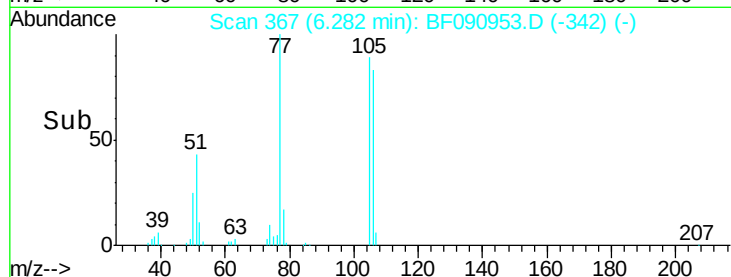
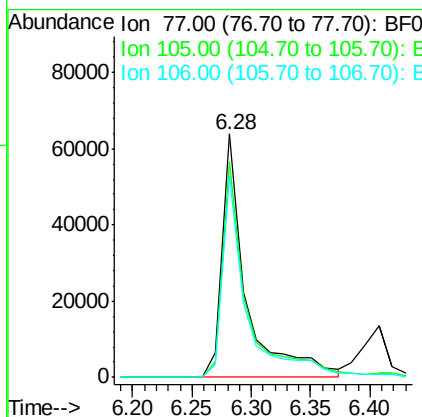
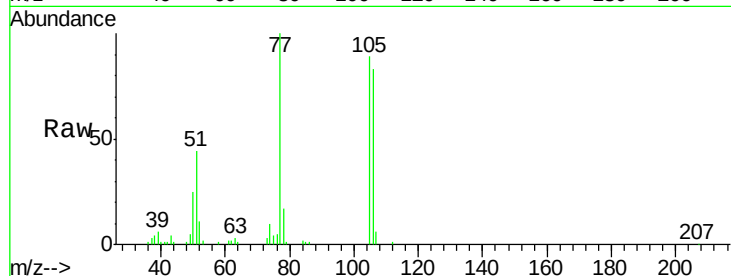
ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion:	77	Resp:	89091
Ion Ratio	Lower	Upper	
77	100		
105	88.6	91.6	131.6#
106	82.9	102.6	142.6#

Manual Integrations
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#10

Phenol

Concen: 59.35 ng

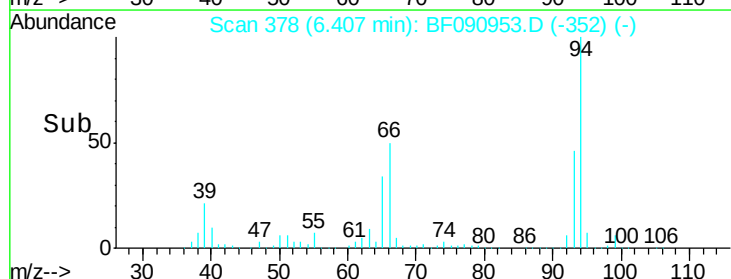
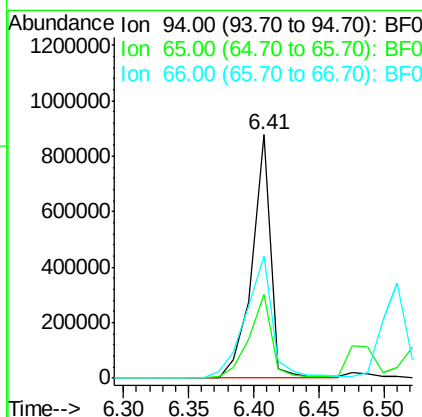
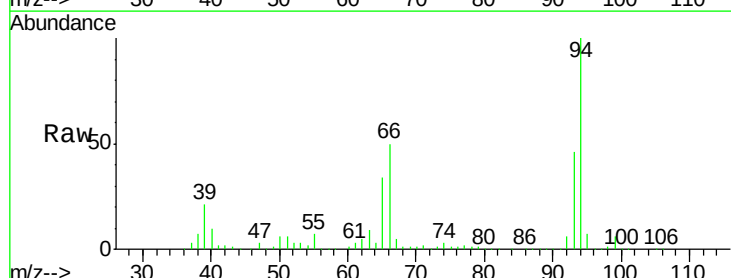
RT: 6.41 min Scan# 378

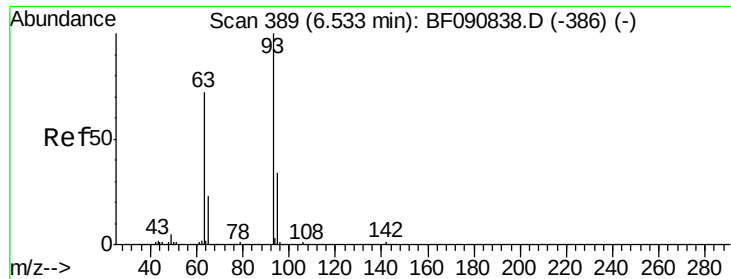
Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Tgt Ion:	94	Resp:	883138
Ion Ratio	Lower	Upper	
94	100		
65	34.3	0.7	40.7
66	50.4	0.8	40.8#





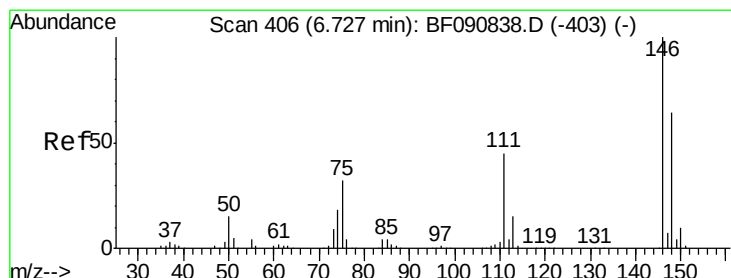
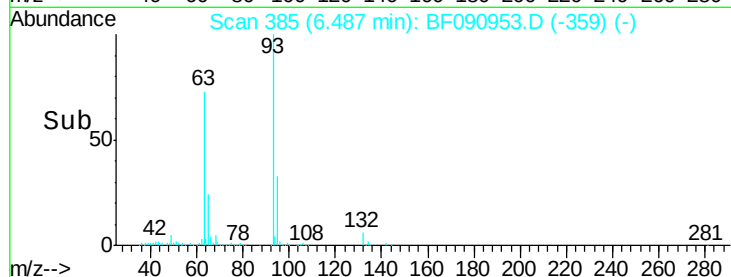
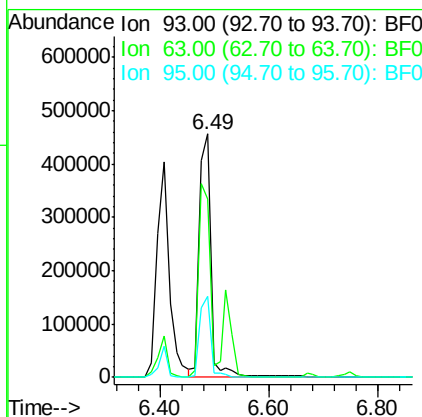
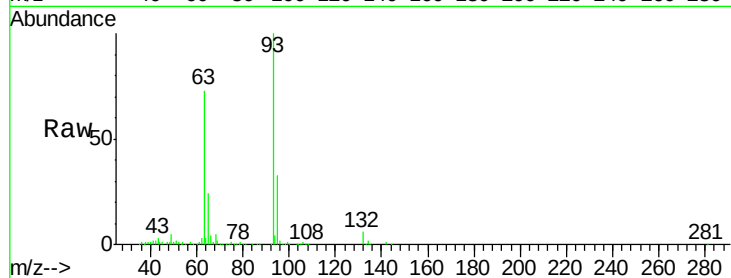
#11
bis(2-Chloroethyl)ether
Concen: 54.25 ng
RT: 6.49 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.0	65.6	105.6
95	33.2	13.6	53.6

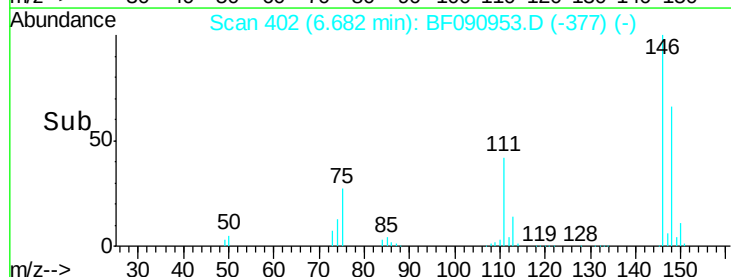
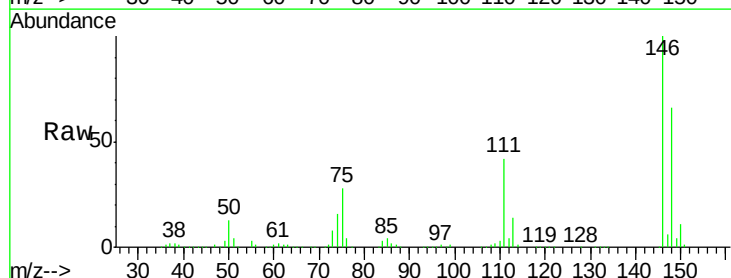
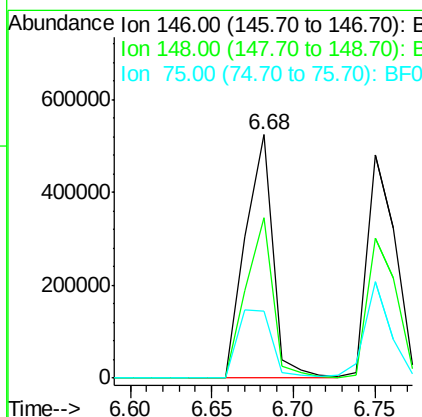
Manual Integrations
APPROVED

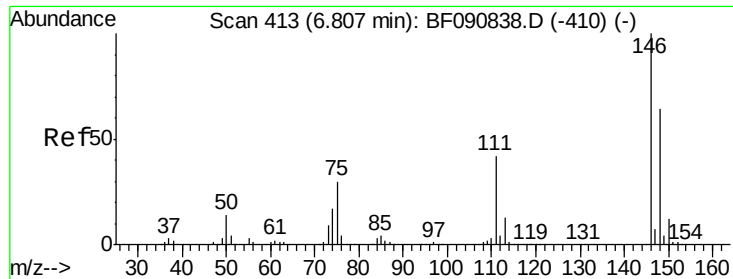
Umangi
11/2/2016 5:41:45 PM



#12
1,3-Dichlorobenzene
Concen: 48.81 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.4
75	27.6	15.0	22.6#





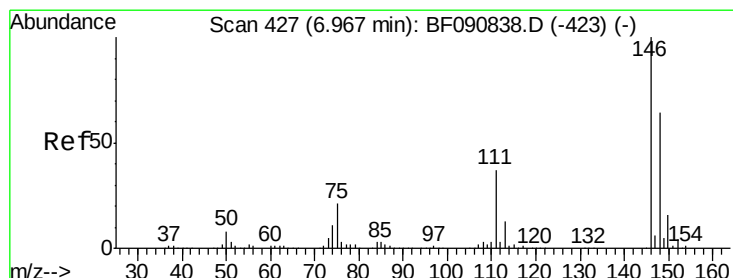
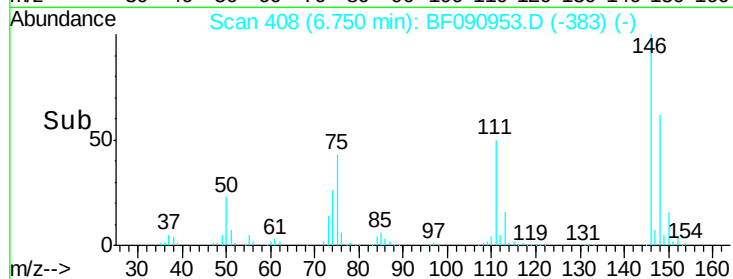
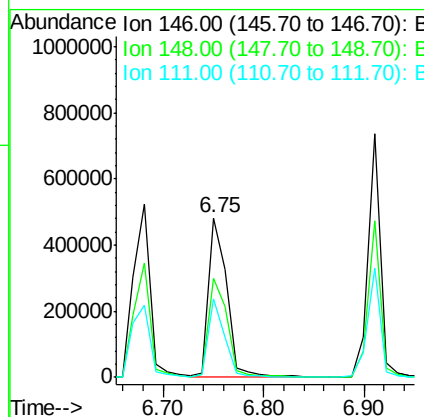
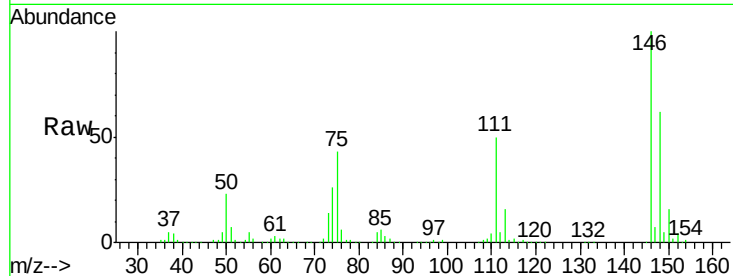
#13
1,4-Dichlorobenzene
Concen: 45.81 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.6
111	49.7	24.9	37.3

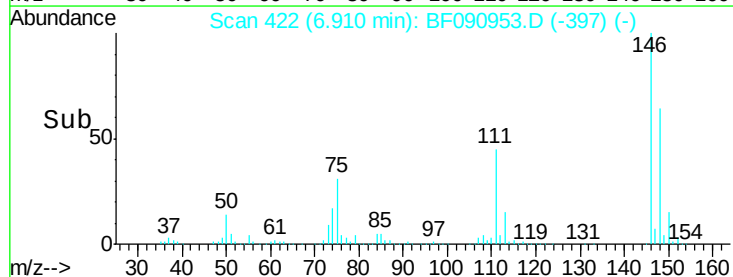
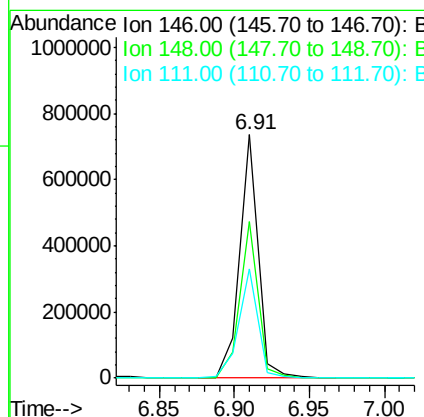
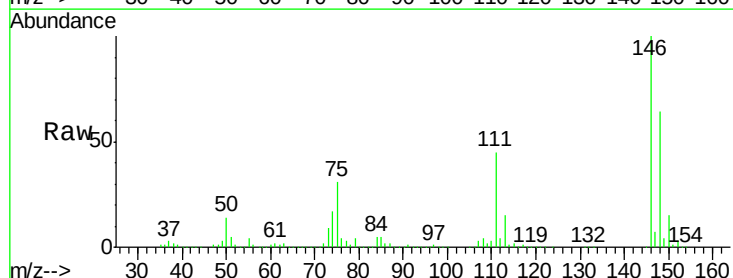
Manual Integrations
APPROVED

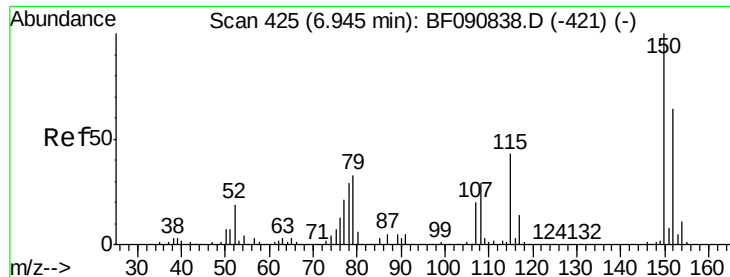
Umangi
11/2/2016 5:41:45 PM



#14
1,2-Dichlorobenzene
Concen: 49.86 ng m
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.7	79.1
111	44.7	28.8	43.2





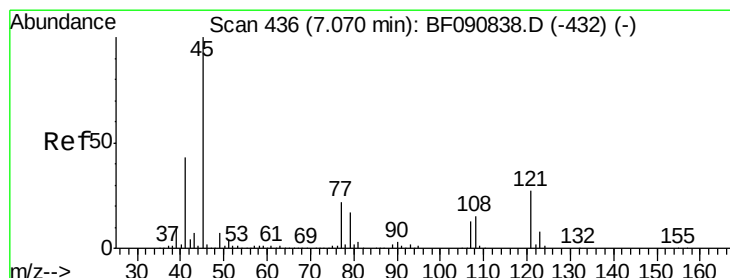
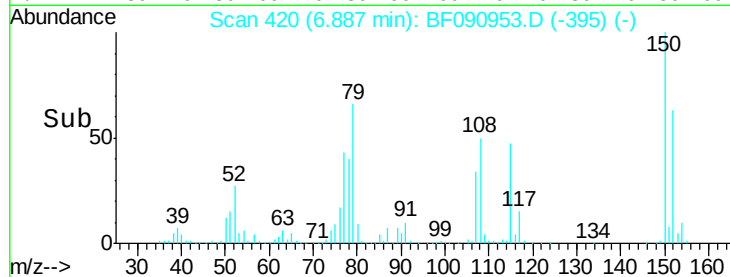
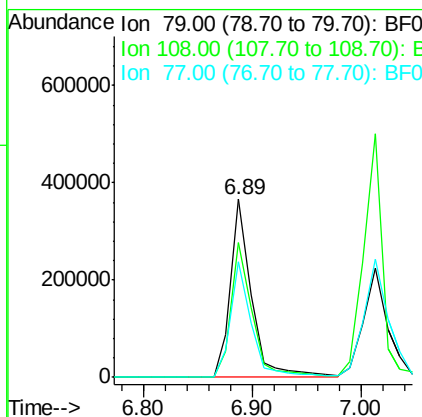
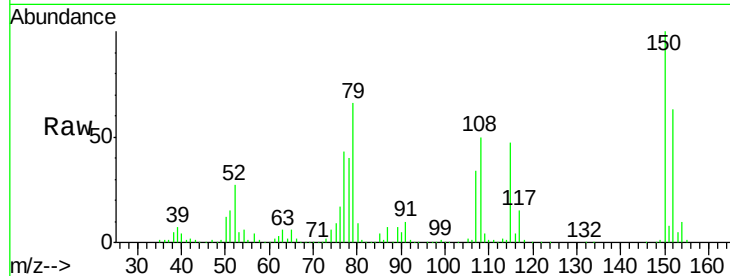
#15
Benzyl Alcohol
Concen: 55.59 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.8	88.6	132.8#
77	65.1	47.0	70.4

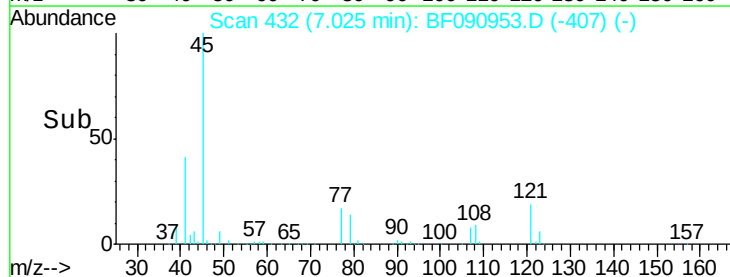
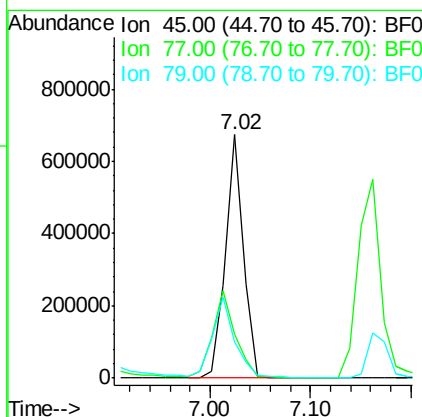
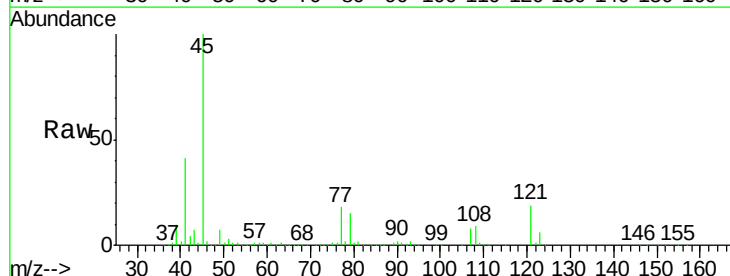
Manual Integrations
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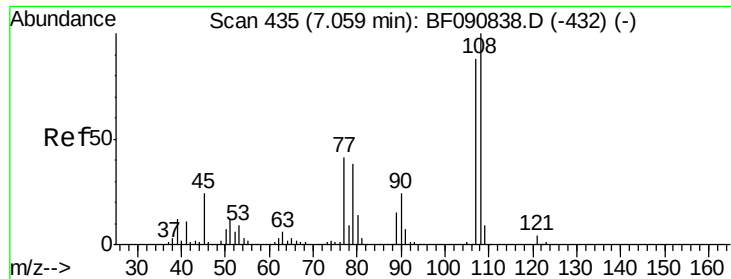
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#16
2,2'-oxybis(1-chloropropane)
Concen: 68.58 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	28.1
79	14.6	0.0	26.0





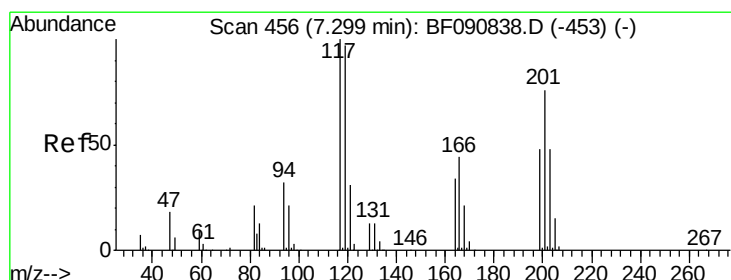
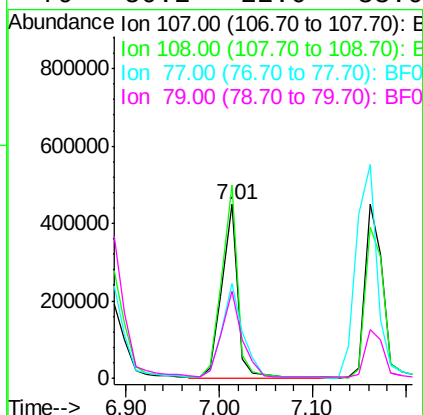
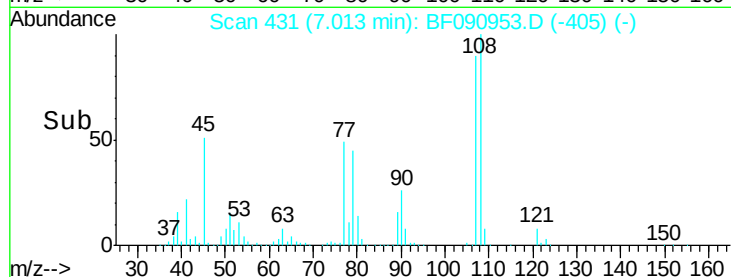
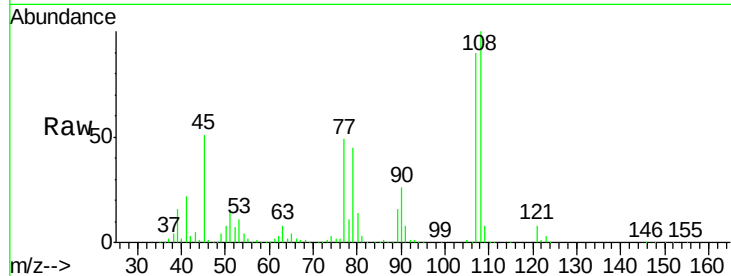
#17
2-Methylphenol
Concen: 55.97 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	96.6	145.0	
77	54.2	23.3	34.9	
79	50.2	22.0	33.0	

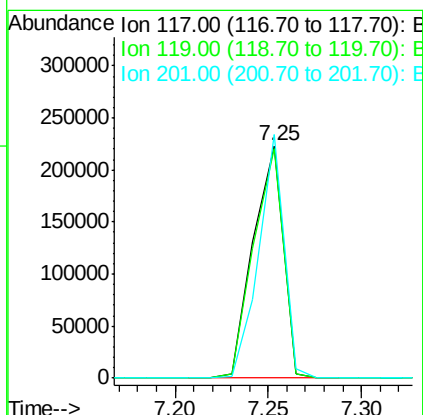
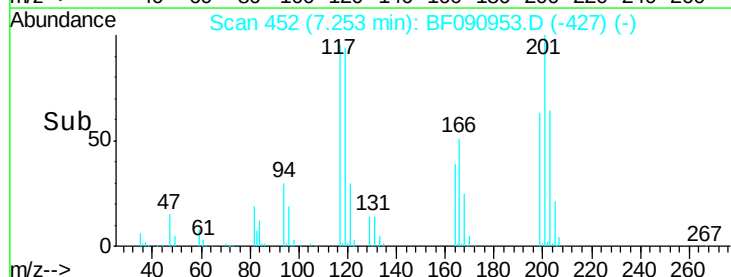
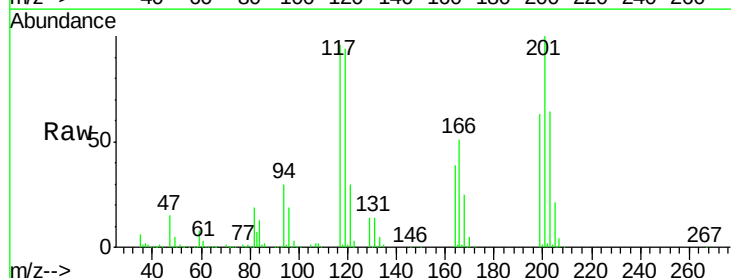
Manual Integrations
APPROVED

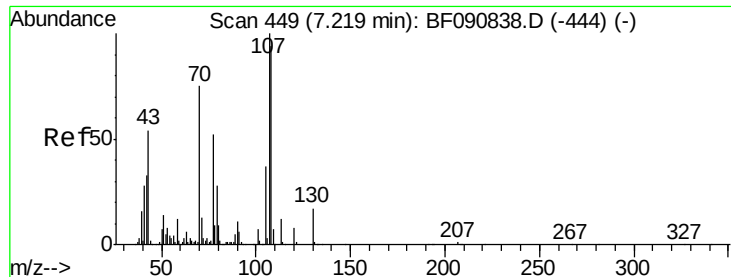
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#18
Hexachloroethane
Concen: 51.40 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	83.8	125.6	
201	104.7	55.1	82.7	





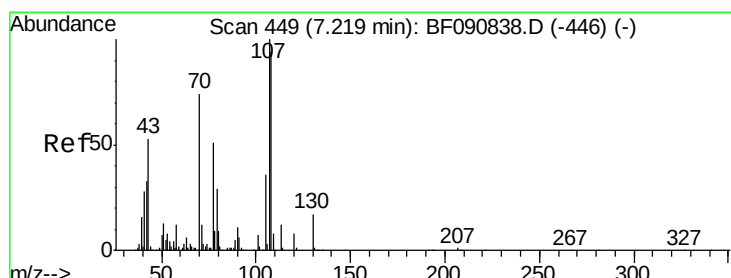
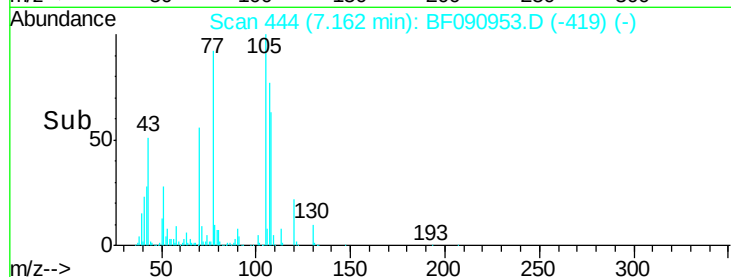
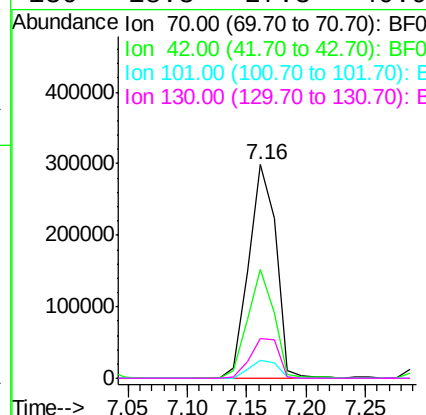
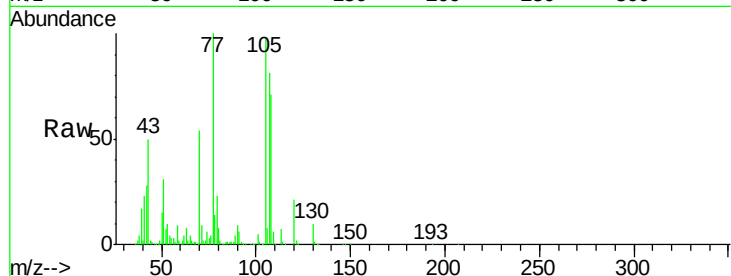
#19
n-Nitroso-di-n-propylamine
Concen: 61.60 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.1	63.8	95.6#		
101	8.6	9.2	13.8#		
130	18.3	27.3	40.9#		

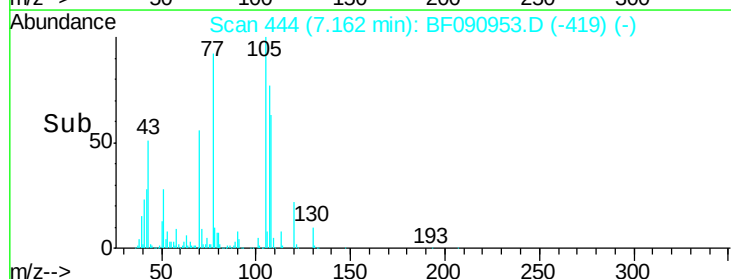
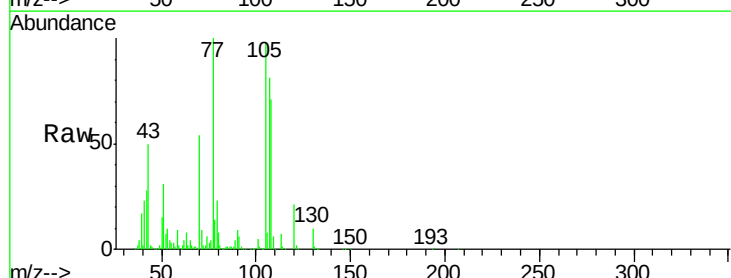
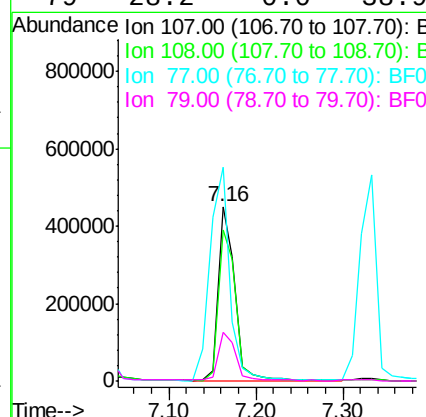
Manual Integrations
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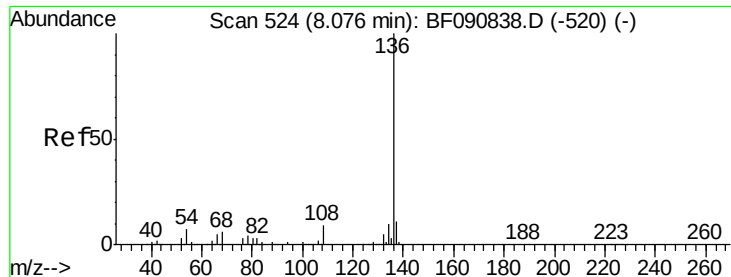
Umangi
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#20
3+4-Methylphenols
Concen: 55.22 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.9	74.6	114.6		
77	122.7	0.7	40.7#		
79	28.2	0.0	38.9		





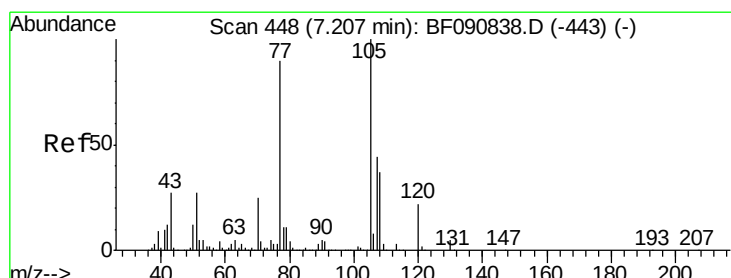
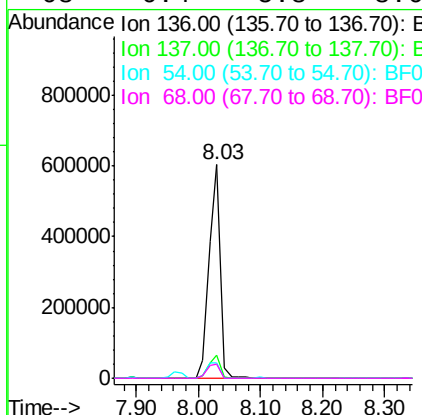
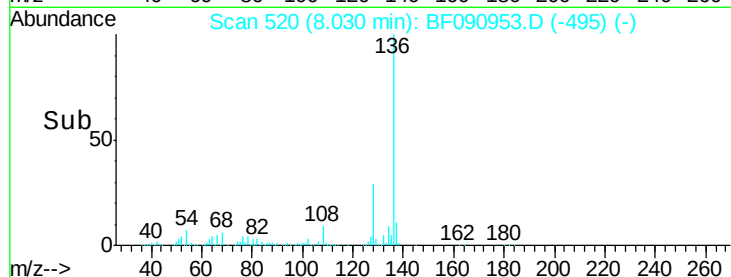
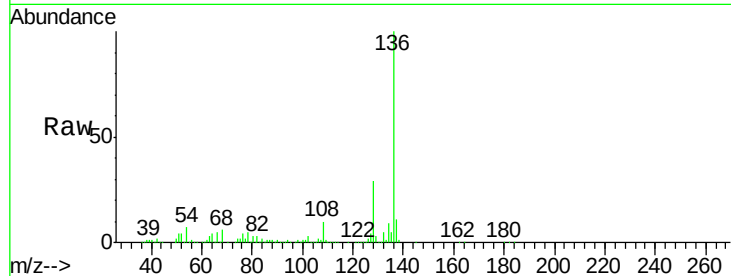
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	746114		
137	10.7	9.0	13.6	
54	7.0	8.2	12.2	
68	6.4	5.8	8.6	

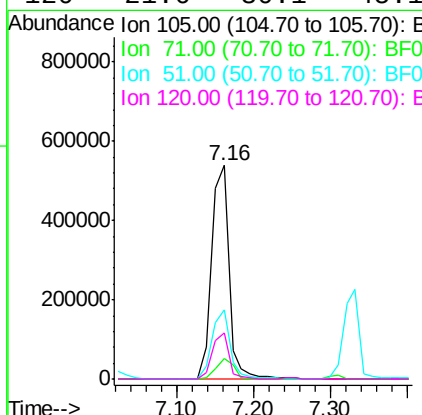
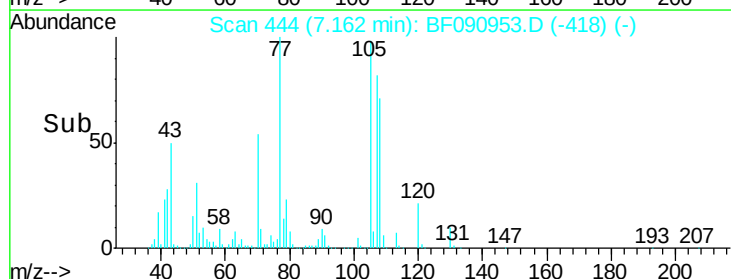
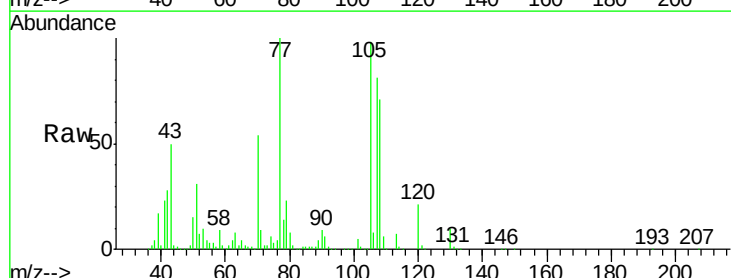
Manual Integrations
APPROVED

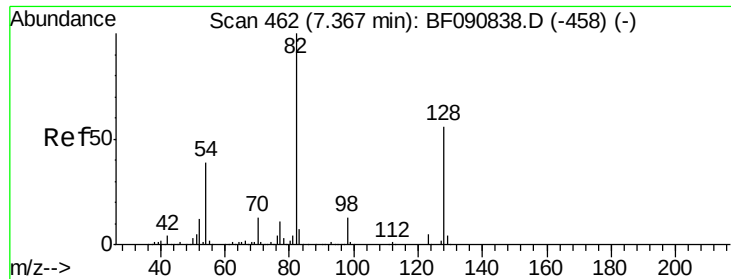
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#22
Acetophenone
Concen: 55.42 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	850648		
71	9.4	4.7	7.1	
51	32.2	22.0	33.0	
120	21.6	30.1	45.1	





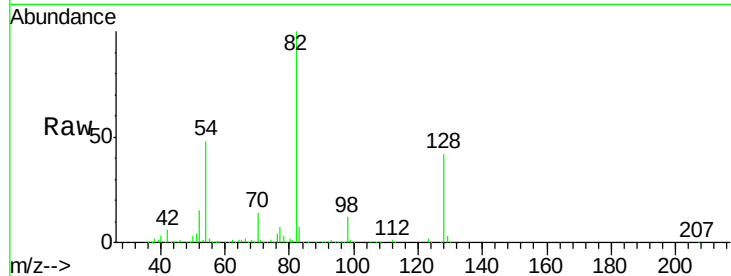
#23
 Nitrobenzene-d5
 Concen: 111.84 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

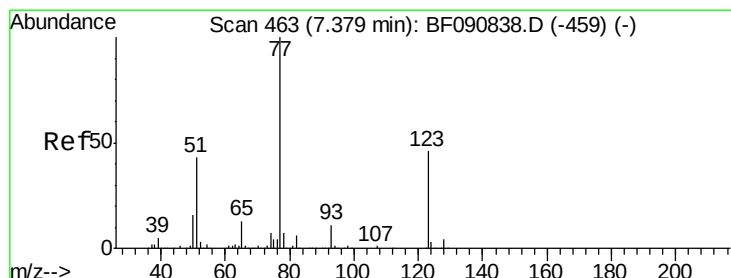
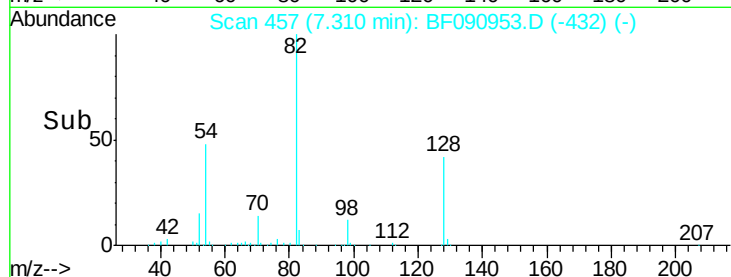
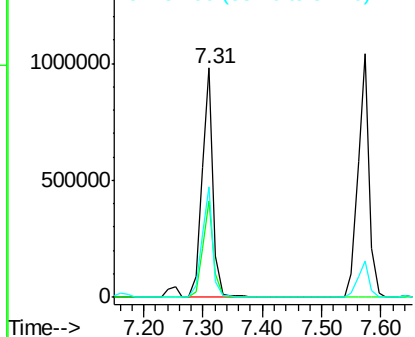
Tot Ion: 82 Resp: 1274662
 Ion Ratio Lower Upper
 82 100
 128 42.4 51.0 76.6#
 54 48.0 47.5 71.3

Manual Integrations
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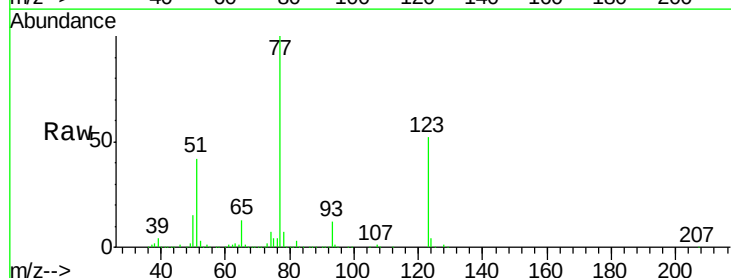


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

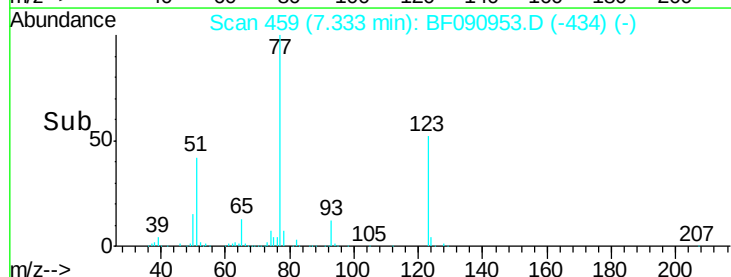
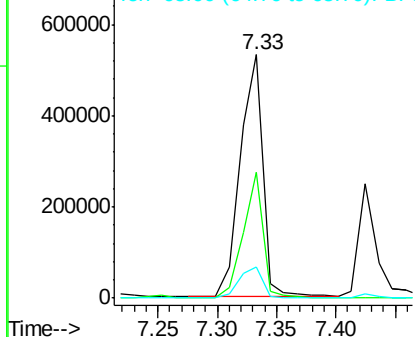


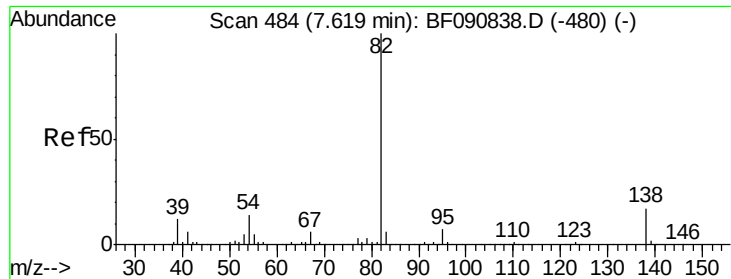
#24
 Nitrobenzene
 Concen: 58.75 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion: 77 Resp: 708281
 Ion Ratio Lower Upper
 77 100
 123 51.9 59.8 89.8#
 65 12.8 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 57.76 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion: 82 Resp: 1335915

Ion Ratio Lower Upper

82 100

95 6.8 4.0 6.0#

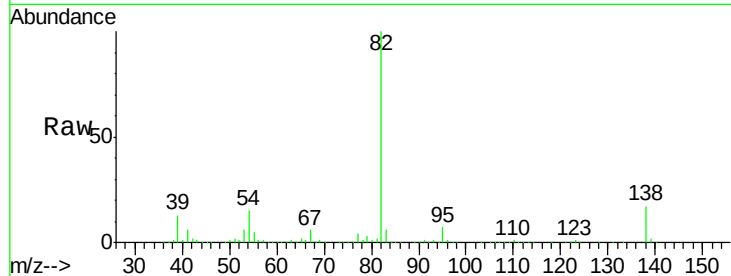
138 16.9 18.3 27.5#

Manual Integrations

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Umangi

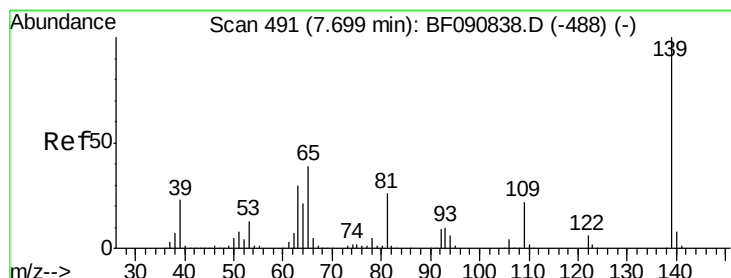
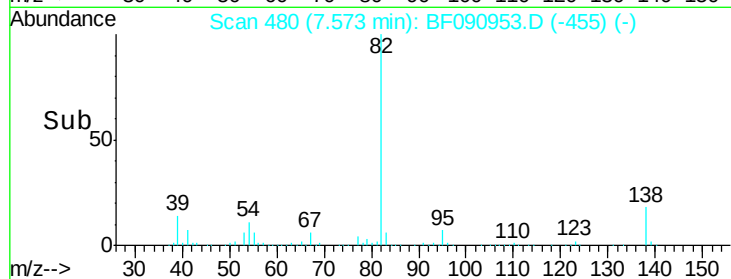
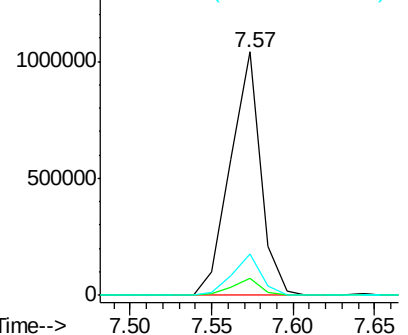
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.30 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

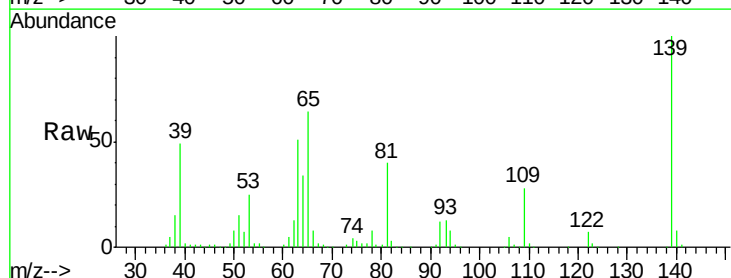
Tgt Ion: 139 Resp: 311944

Ion Ratio Lower Upper

139 100

109 28.4 11.0 16.4#

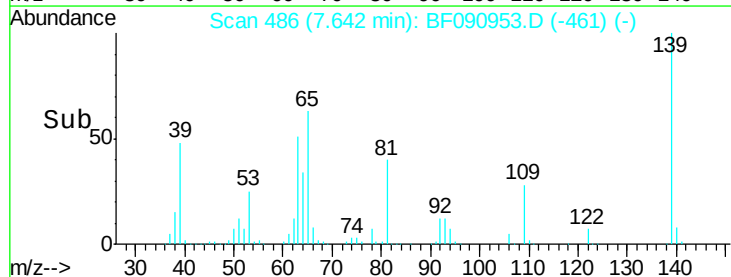
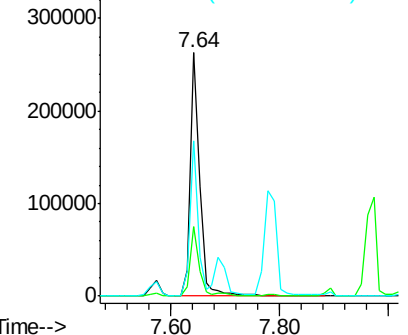
65 63.8 24.7 37.1#

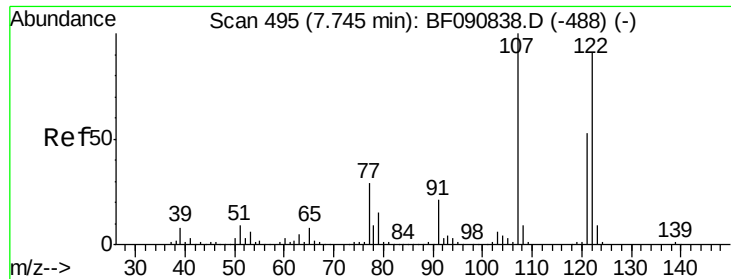


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





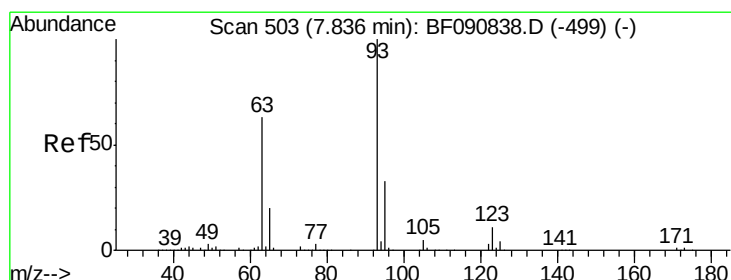
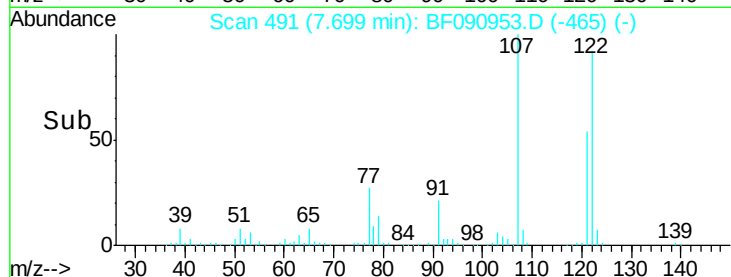
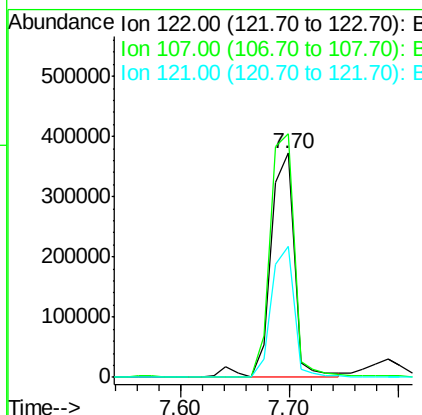
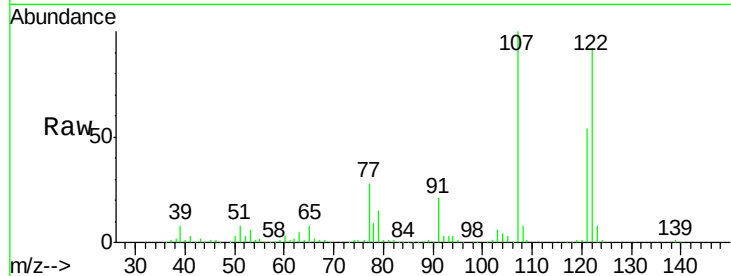
#27
 2,4-Dimethylphenol
 Concen: 54.32 ng
 RT: 7.70 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	71.8	107.6#
121	58.3	42.3	63.5

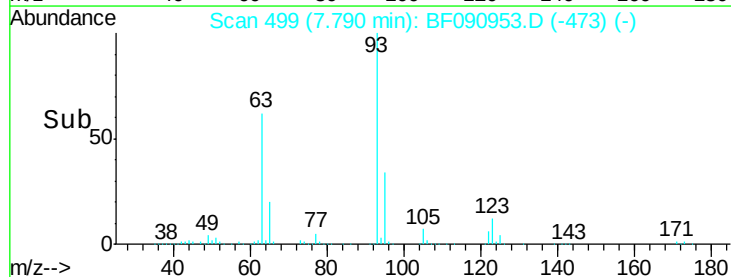
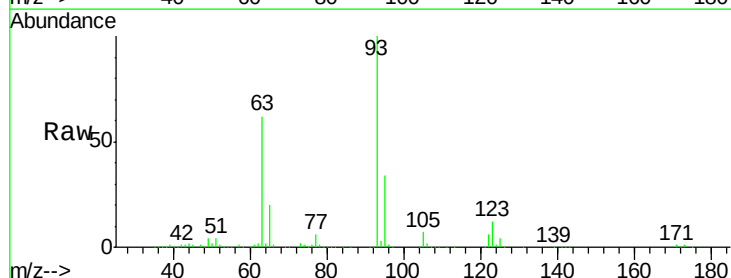
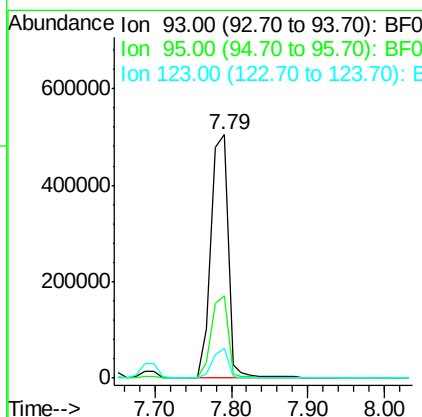
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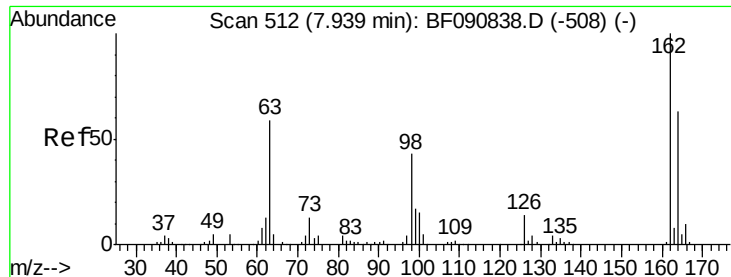
Umangi
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#28
 bis(2-Chloroethoxy)methane
 Concen: 59.85 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	27.5	41.3
123	12.3	13.7	20.5#





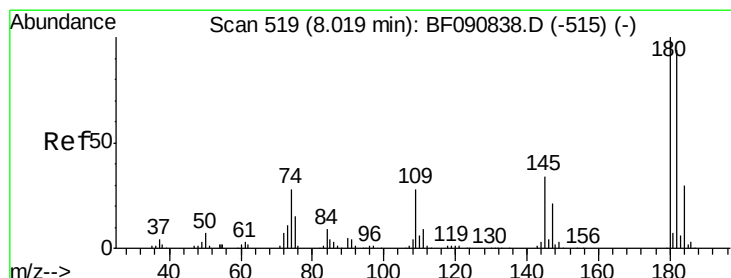
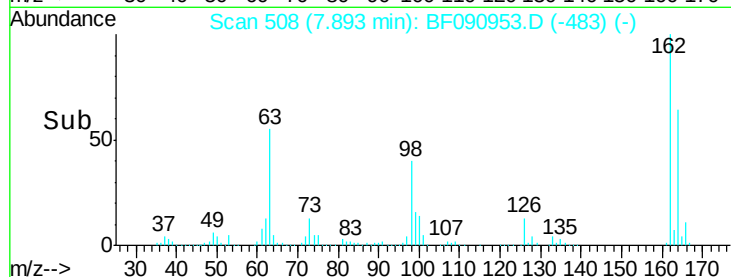
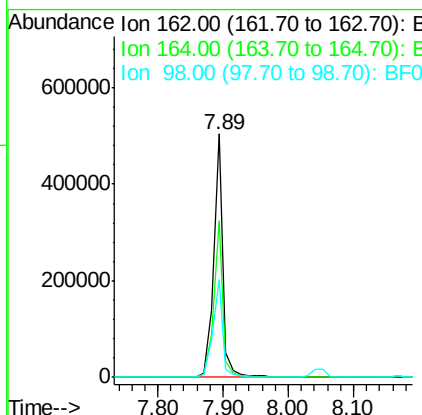
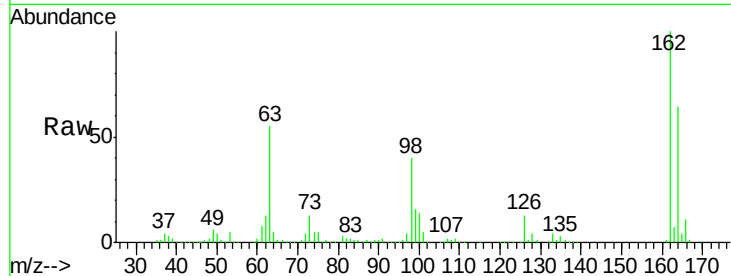
#29
 2,4-Dichlorophenol
 Concen: 52.53 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion:	162	Resp:	508585
Ion Ratio		Lower	Upper
162	100		
164	64.1	44.9	84.9
98	39.9	13.0	53.0

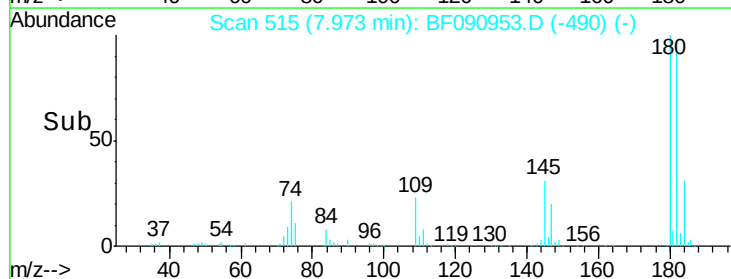
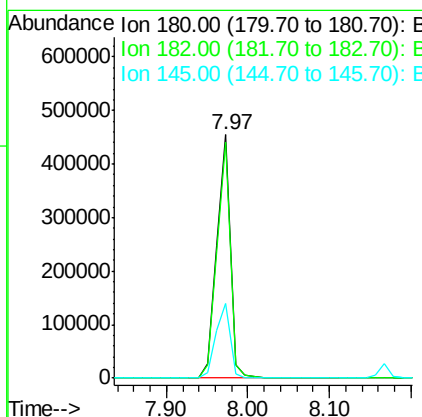
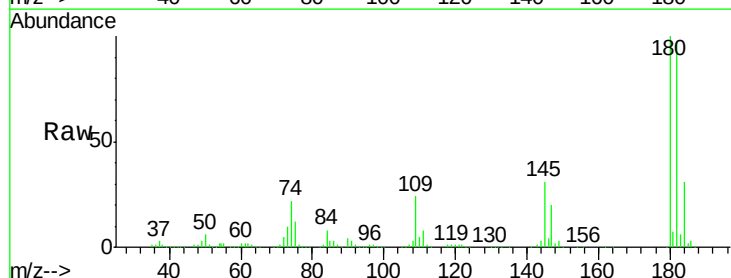
Manual Integrations
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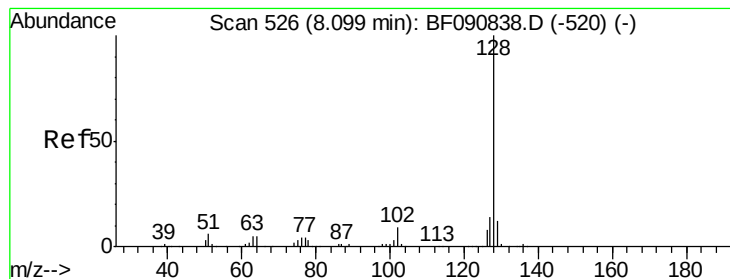
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.03 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion:	180	Resp:	526185
Ion Ratio		Lower	Upper
180	100		
182	96.7	77.1	115.7
145	30.5	23.3	34.9





#31

Naphthalene

Concen: 49.58 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

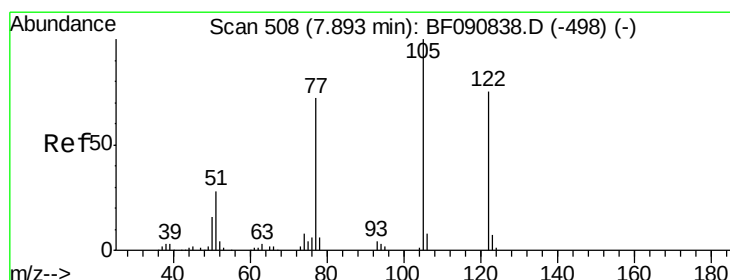
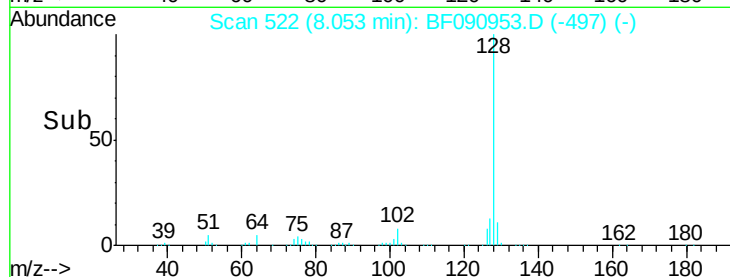
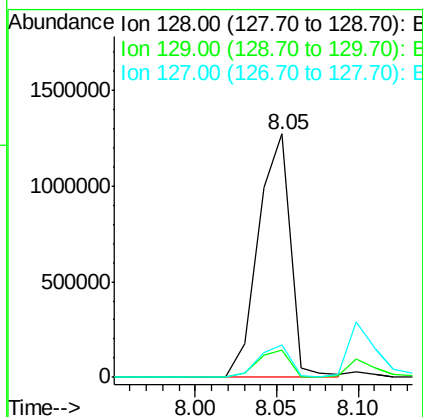
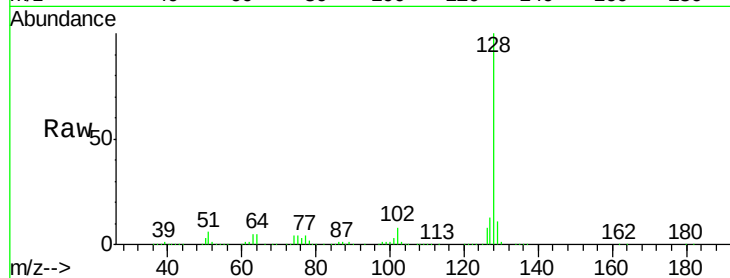
SB-70-0.5-1.0MS

Tot Ion:	128	Resp:	1729315
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.4	12.6
127	13.4	9.9	14.9

Manual Integrations
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#32

Benzoic acid

Concen: 10.09 ng

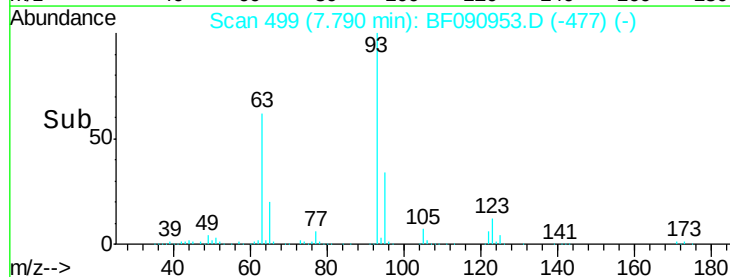
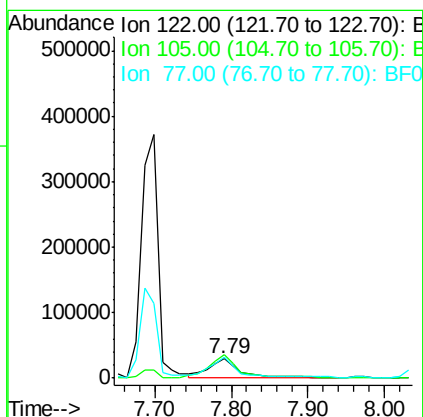
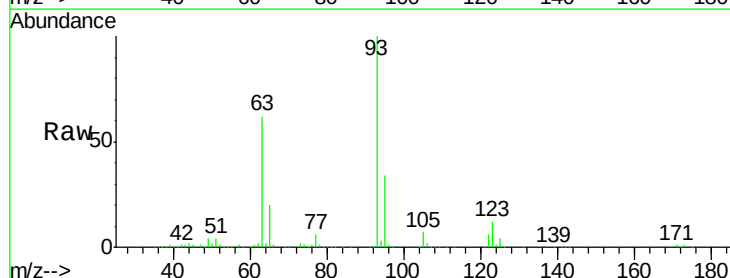
RT: 7.79 min Scan# 499

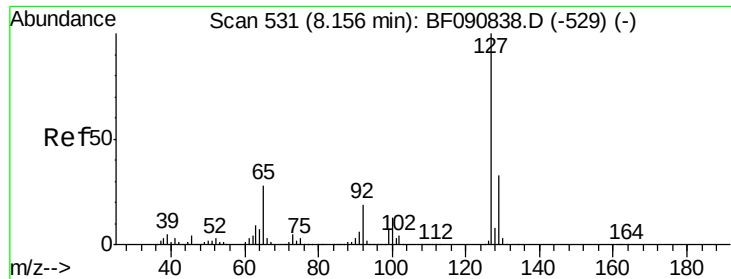
Delta R.T. -0.05 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Tgt Ion:	122	Resp:	76616
Ion	Ratio	Lower	Upper
122	100		
105	122.8	76.1	116.1#
77	105.0	40.5	80.5#





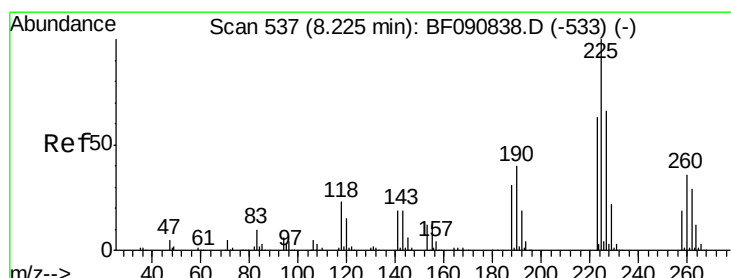
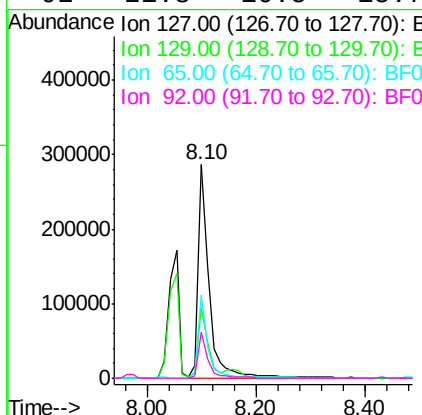
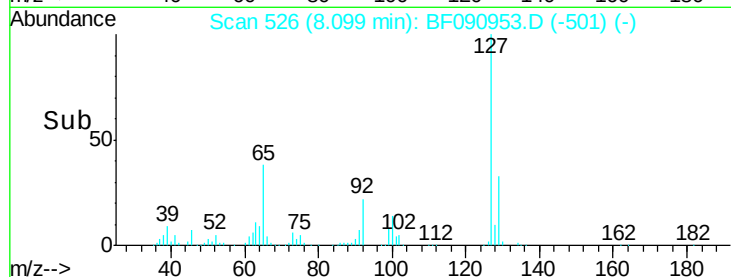
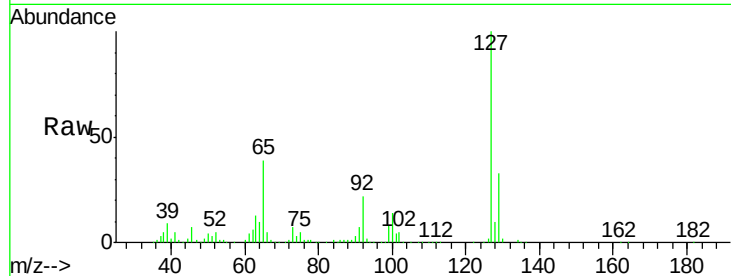
#33
4-Chloroaniline
Concen: 27.62 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	25.8	38.6	
65	38.9	17.9	26.9	
92	21.8	10.5	15.7	

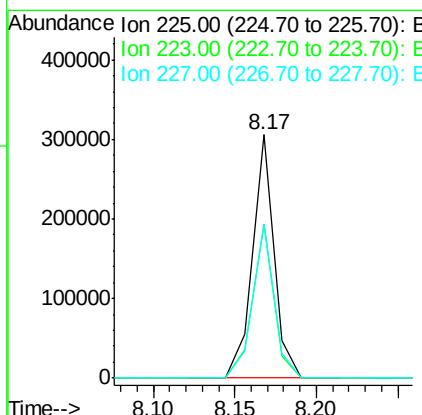
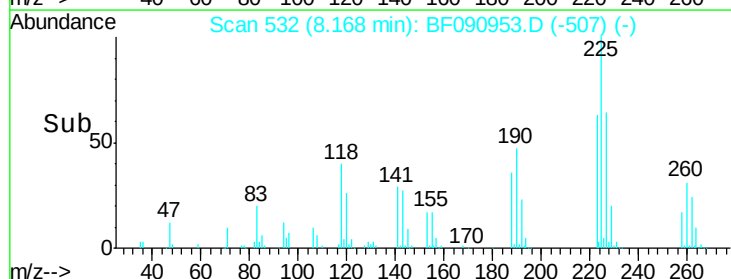
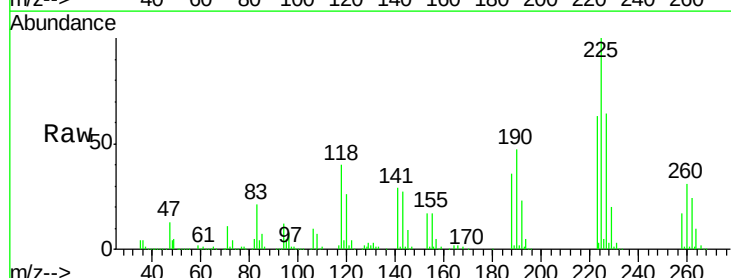
Manual Integrations
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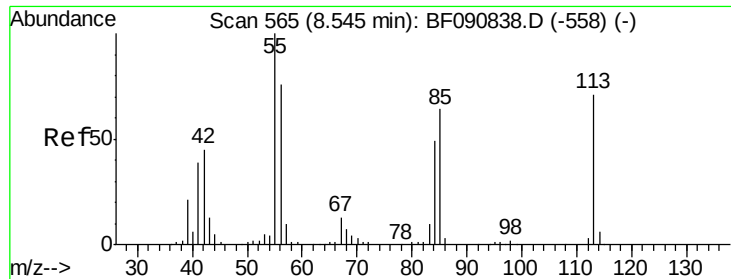
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#34
Hexachlorobutadiene
Concen: 42.75 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	50.2	75.2	
227	63.5	52.2	78.2	





#35

Caprolactam

Concen: 52.30 ng/mL

RT: 8.49 min Scan# 560

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

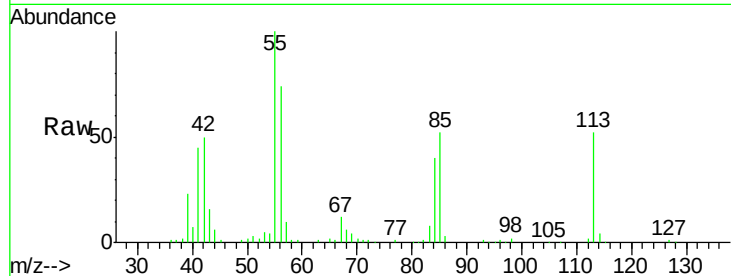
ClientSampleId :

SB-70-0.5-1.0MS

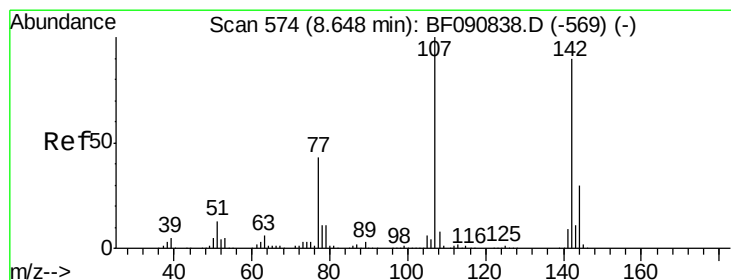
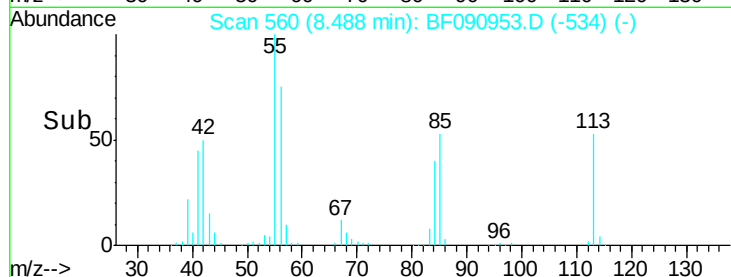
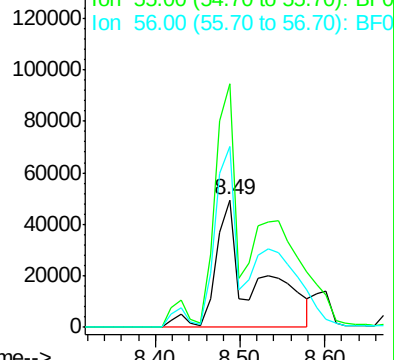
Tot Ion:	113	Resp:	157155
Ion Ratio	Lower	Upper	
113	100		
55	191.3	152.4	192.4
56	142.1	104.6	144.6

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Abundance Ion 113.00 (112.70 to 113.70): E



#36

4-Chloro-3-methylphenol

Concen: 56.87 ng/mL

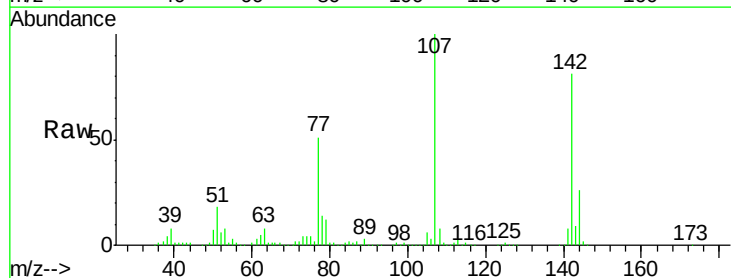
RT: 8.60 min Scan# 570

Delta R.T. 0.00 min

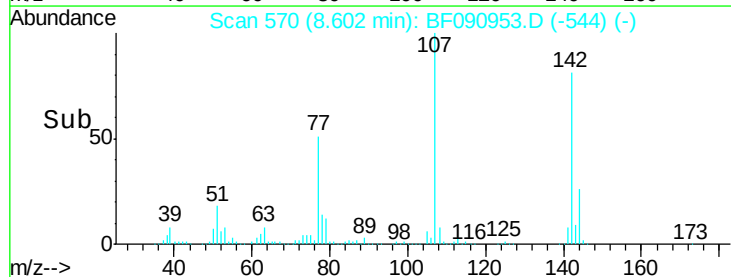
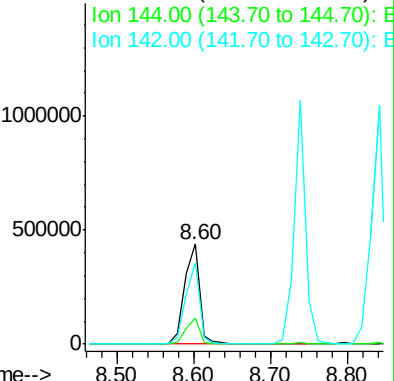
Lab File: BF090953.D

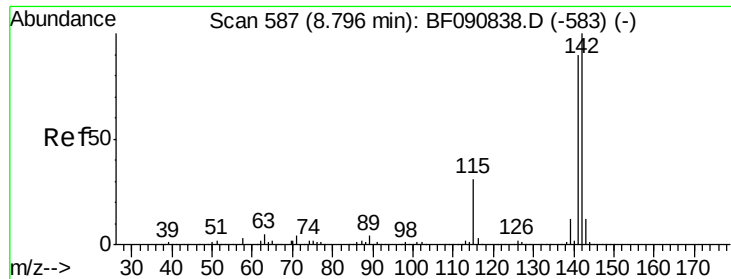
Acq: 1 Nov 2016 16:21

Tgt Ion:	107	Resp:	598817
Ion Ratio	Lower	Upper	
107	100		
144	26.5	25.4	38.0
142	81.1	77.3	115.9



Abundance Ion 107.00 (106.70 to 107.70): E





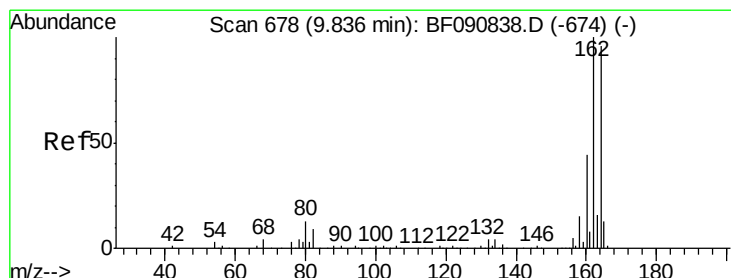
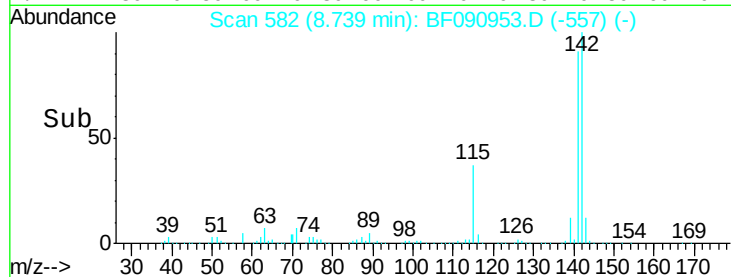
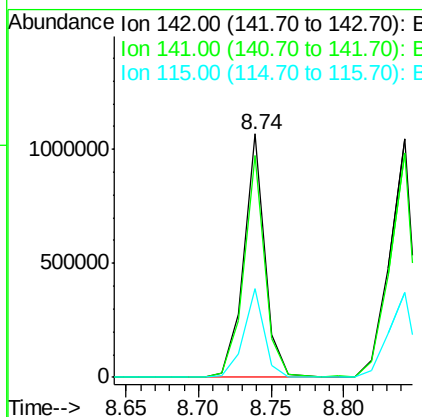
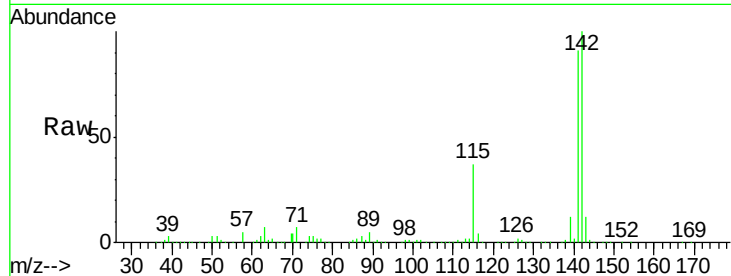
#37
2-Methylnaphthalene
Concen: 47.69 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion:142 Resp: 1074365
Ion Ratio Lower Upper
142 100
141 90.9 67.5 101.3
115 36.5 18.2 27.2#

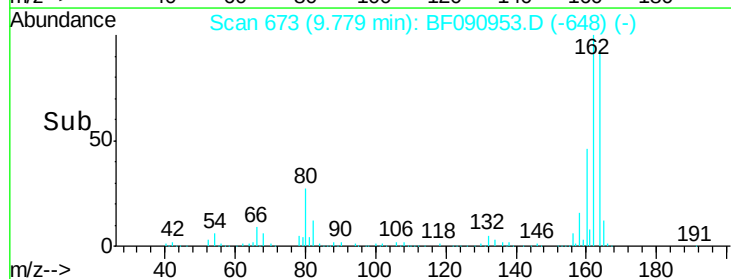
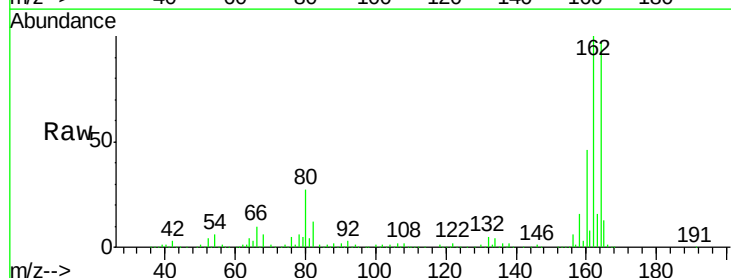
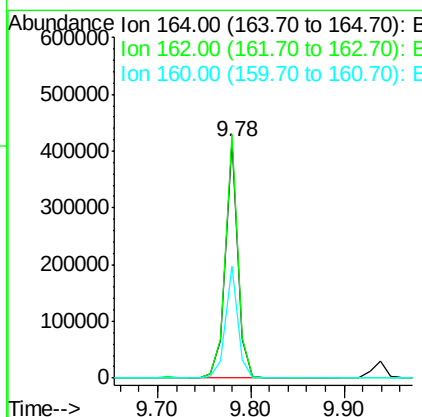
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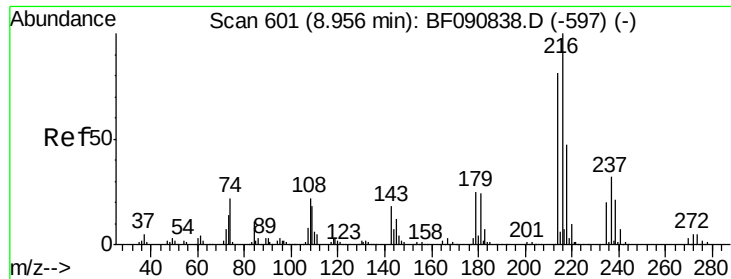
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion:164 Resp: 385633
Ion Ratio Lower Upper
164 100
162 102.8 75.2 112.8
160 47.2 31.5 47.3





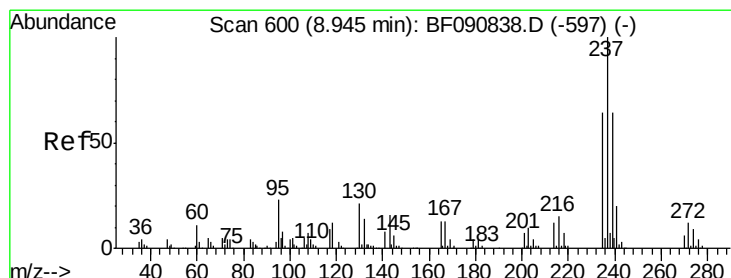
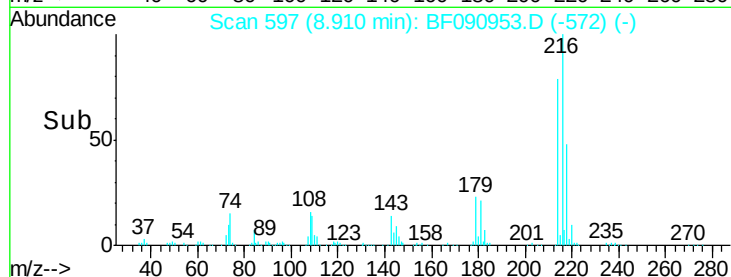
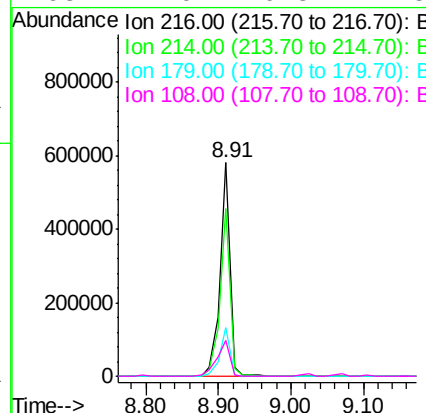
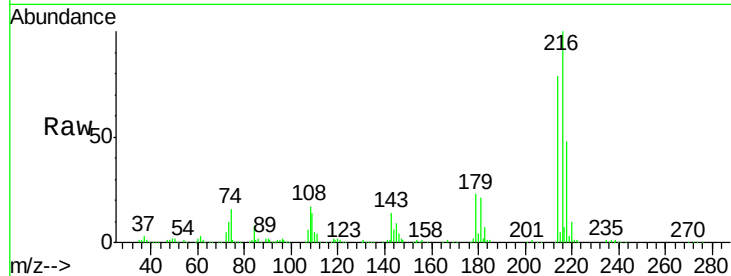
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.18 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		552095		
214	79.1		63.5	95.3	
179	22.9		16.6	24.8	
108	22.0		16.3	24.5	

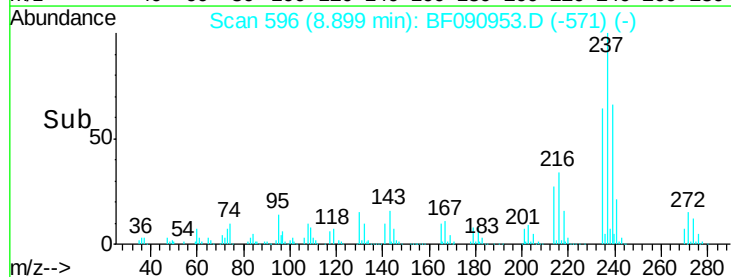
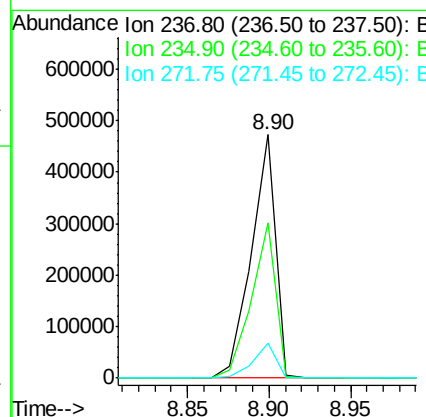
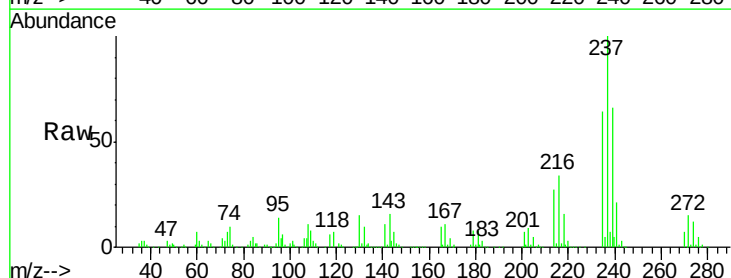
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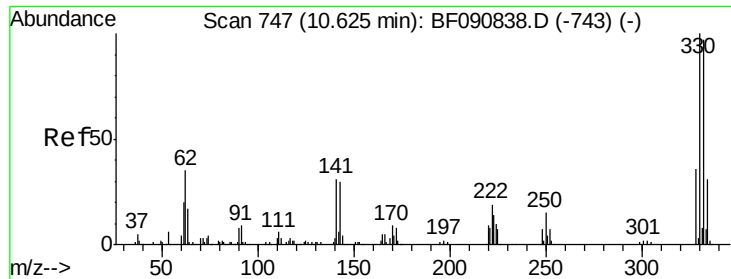
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#40
 Hexachlorocyclopentadiene
 Concen: 100.02 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		486823		
235	63.9		42.0	82.0	
272	14.6		0.0	36.1	





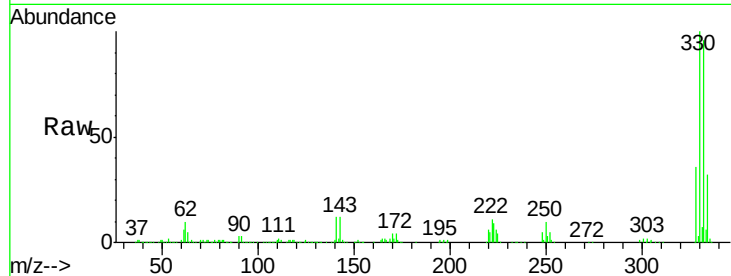
#41
 2,4,6-Tribromophenol
 Concen: 152.59 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

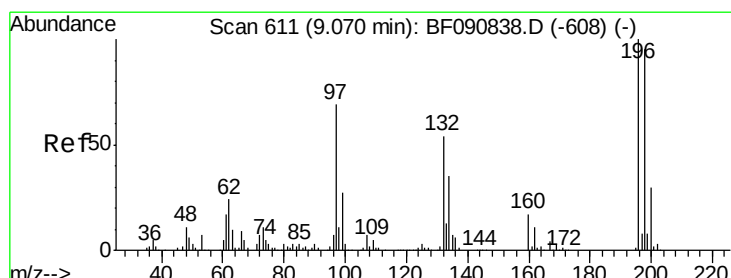
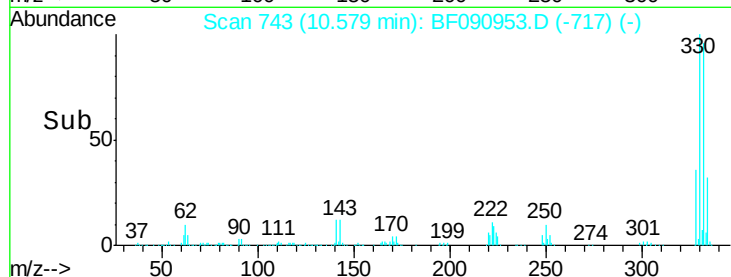
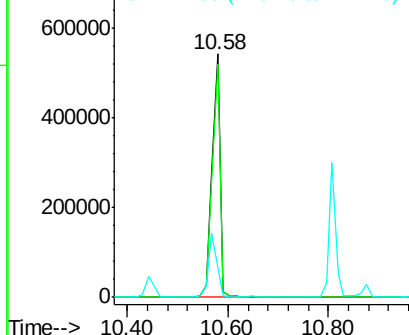
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	28.1	29.7	44.5#

Manual Integrations
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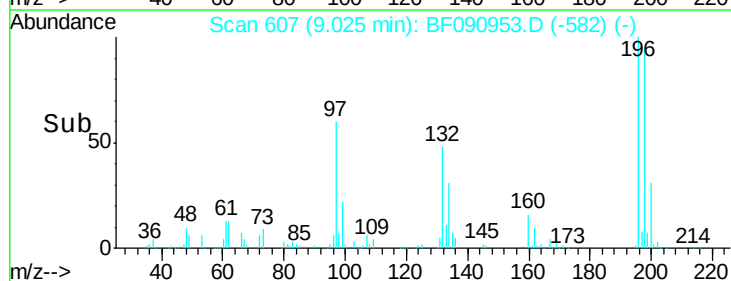
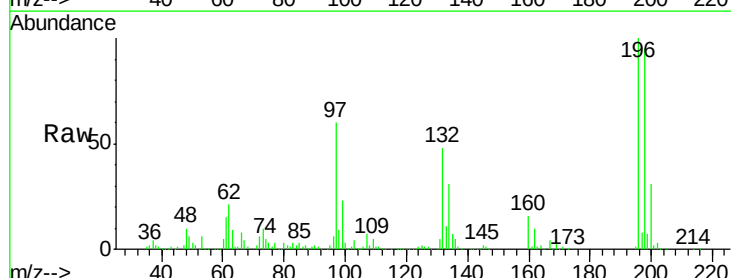
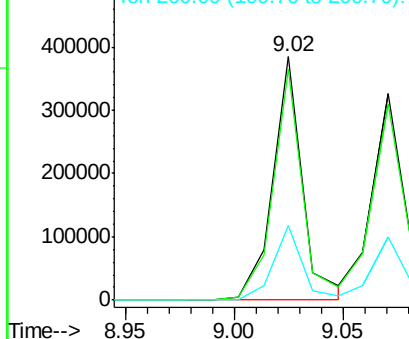
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

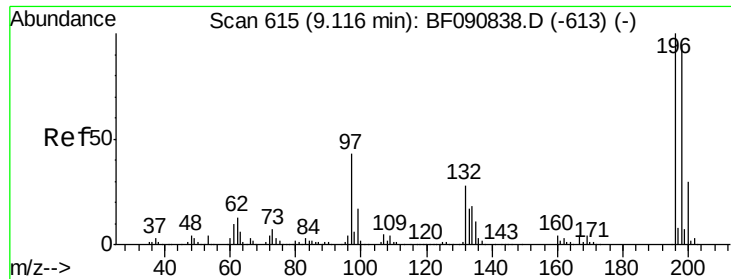


#42
 2,4,6-Trichlorophenol
 Concen: 53.63 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.7	113.5
200	30.5	23.9	35.9

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





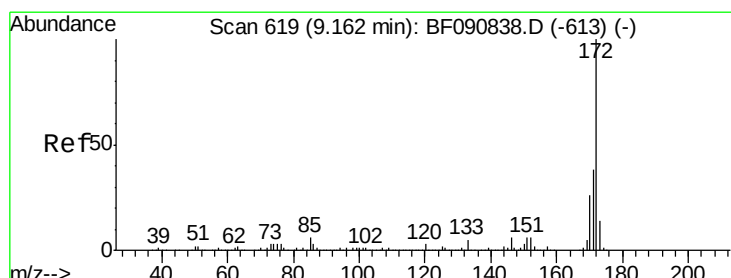
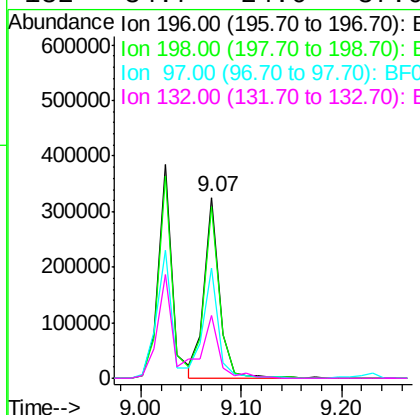
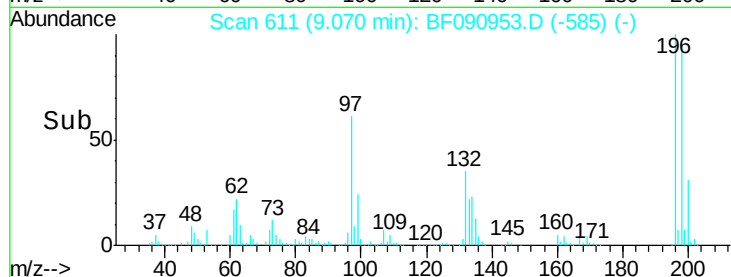
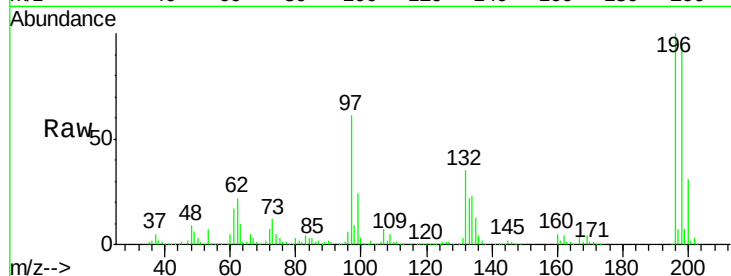
#43
 2,4,5-Trichlorophenol
 Concen: 48.74 ng
 RT: 9.07 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		342822		
198	94.9	75.4	113.0		
97	61.0	33.3	49.9		
132	34.7	24.6	37.0		

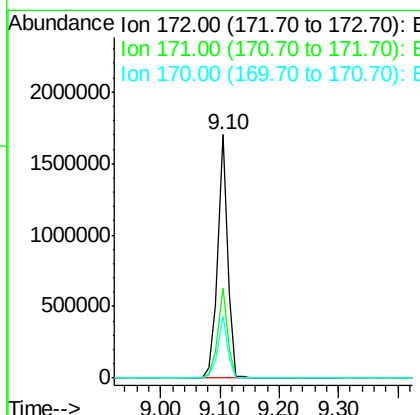
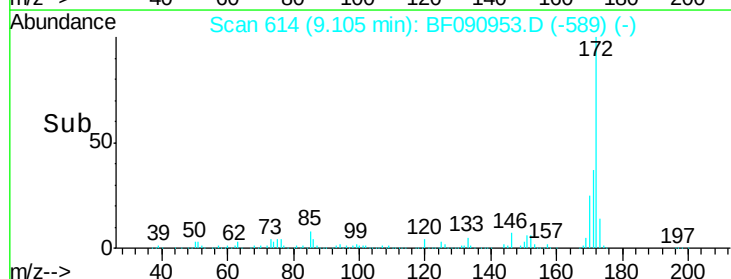
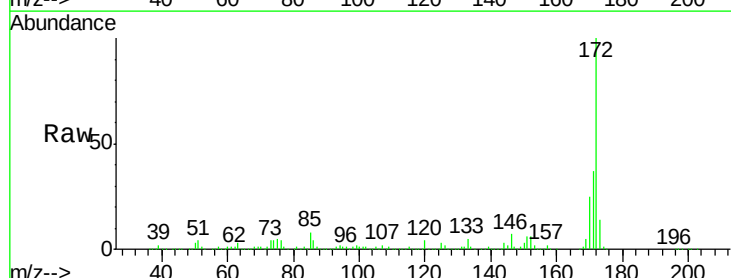
Manual Integrations
 APPROVED

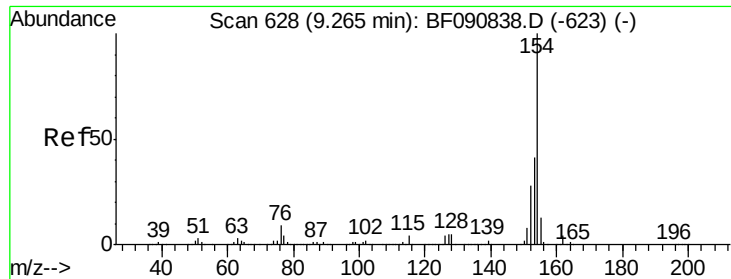
Umangi
 11/2/2016 5:41:45 PM



#44
 2-Fluorobiphenyl
 Concen: 90.69 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1991725		
171	37.0	26.1	39.1		
170	25.2	17.4	26.2		





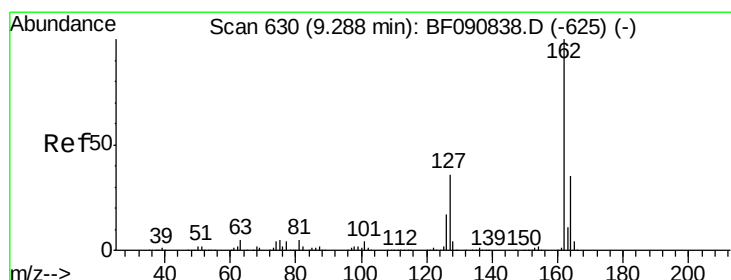
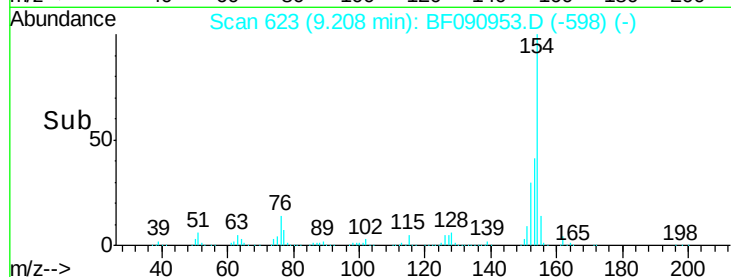
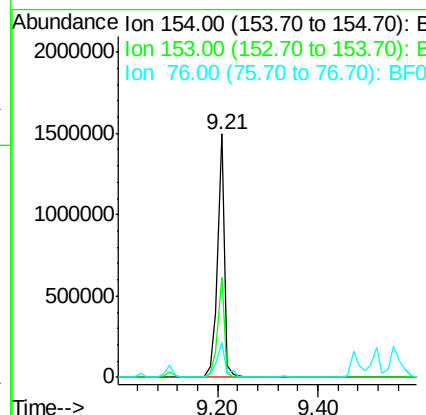
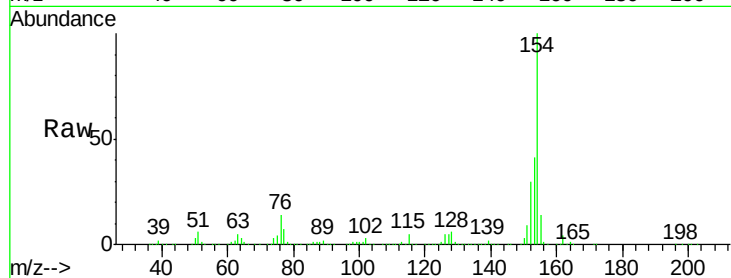
#45
 1,1'-Biphenyl
 Concen: 51.49 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	17.1	57.1
76	14.1	0.0	31.6

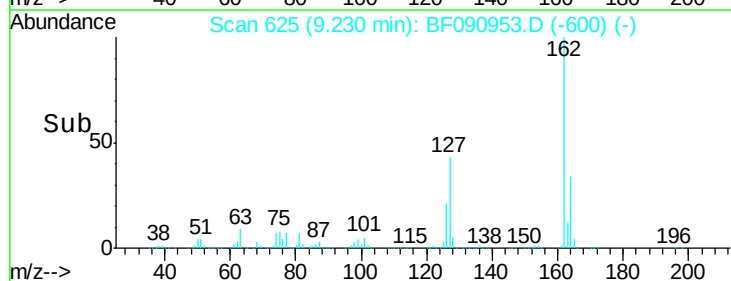
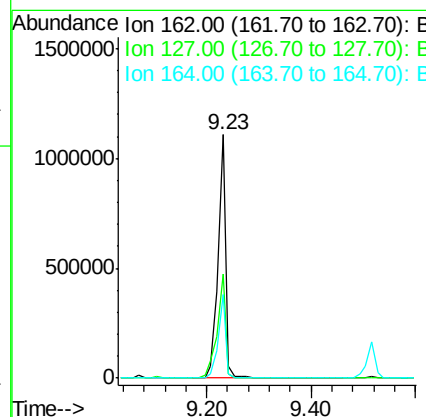
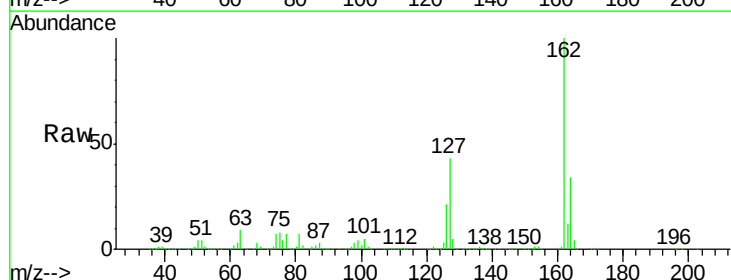
Manual Integrations
 APPROVED

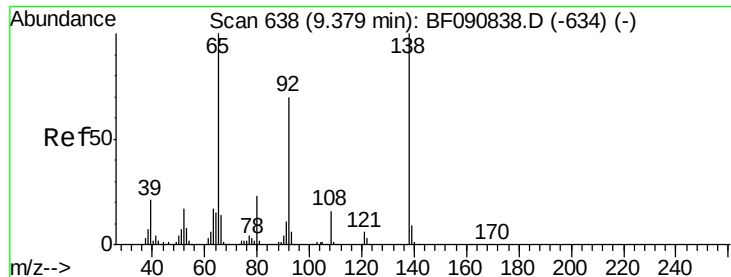
Umangi
 11/2/2016 5:41:45 PM



#46
 2-Chloronaphthalene
 Concen: 53.59 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	27.6	41.4#
164	34.1	25.4	38.2





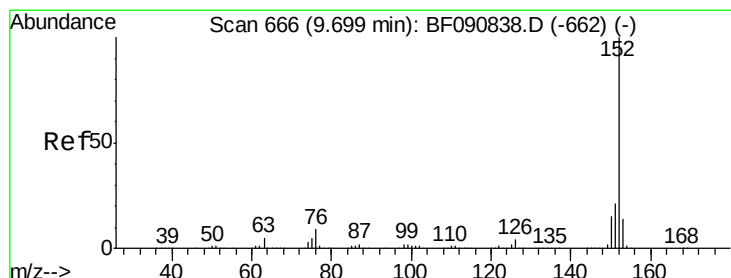
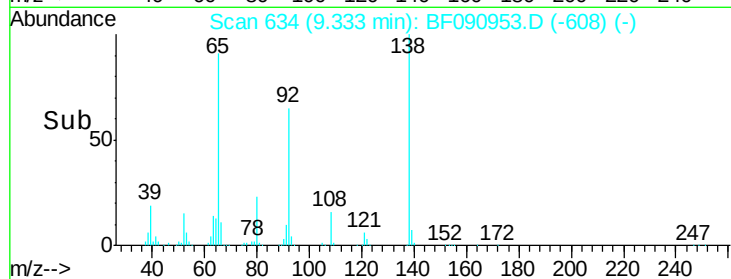
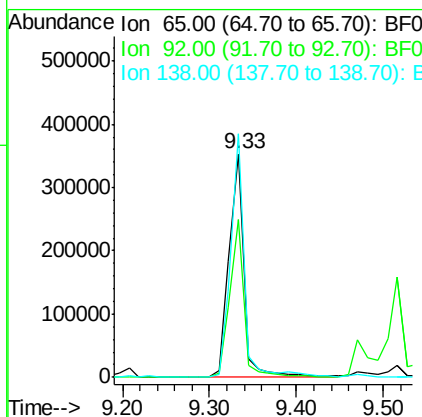
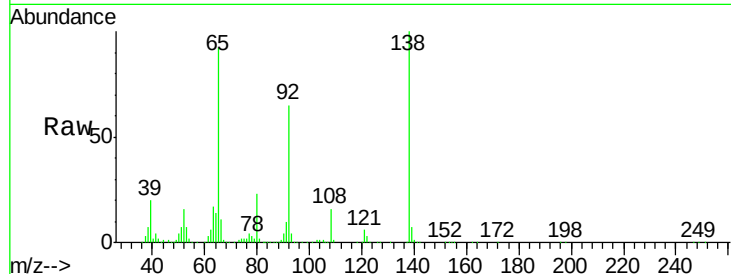
#47
2-Nitroaniline
Concen: 72.01 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.5	55.4	83.0
138	109.1	115.5	173.3

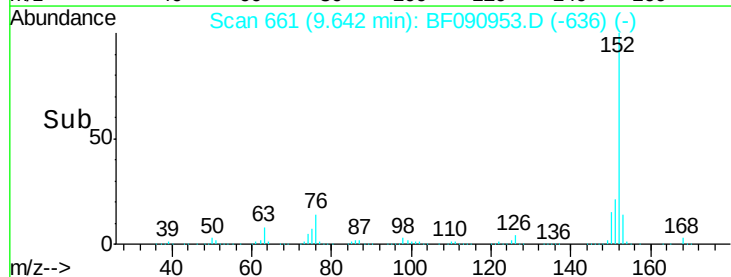
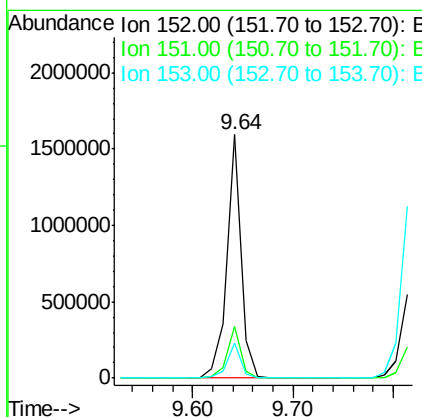
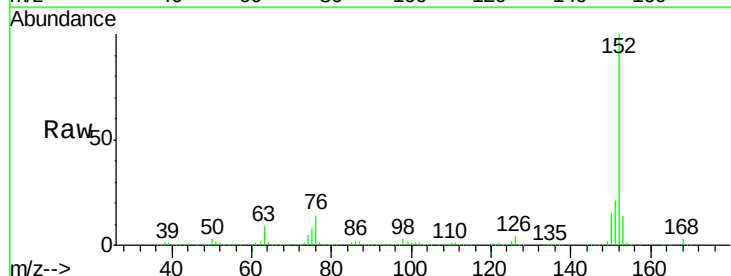
Manual Integrations
APPROVED

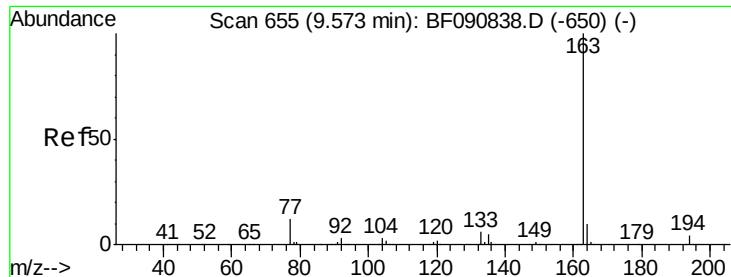
Umangi
11/2/2016 5:41:45 PM



#48
Acenaphthylene
Concen: 48.72 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	14.6	22.0
153	14.1	10.3	15.5





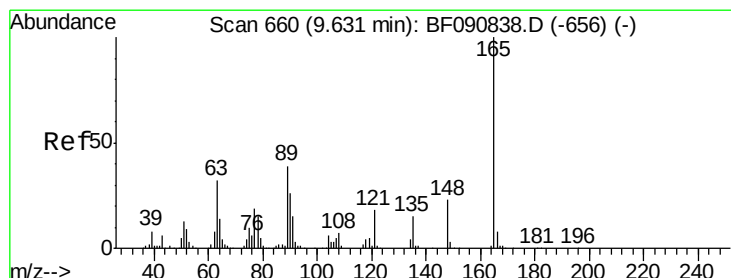
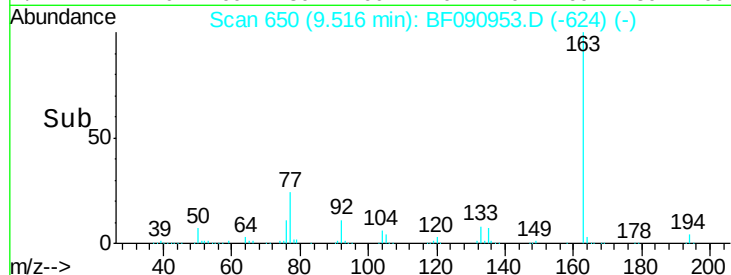
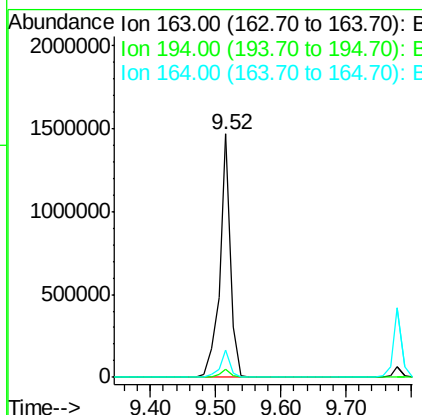
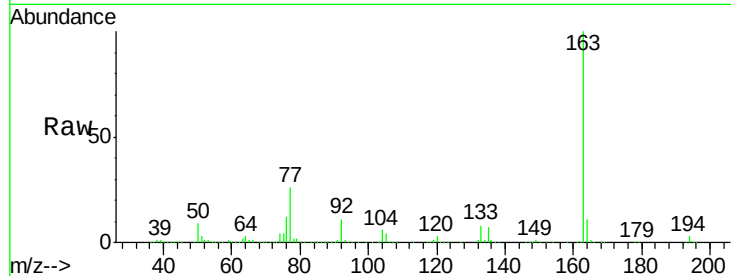
#49
Dimethylphthalate
Concen: 65.62 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	11.1	8.3	12.5

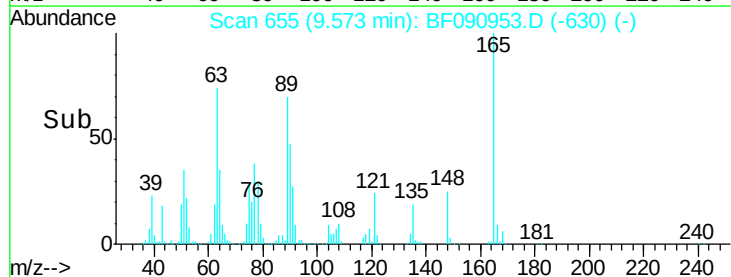
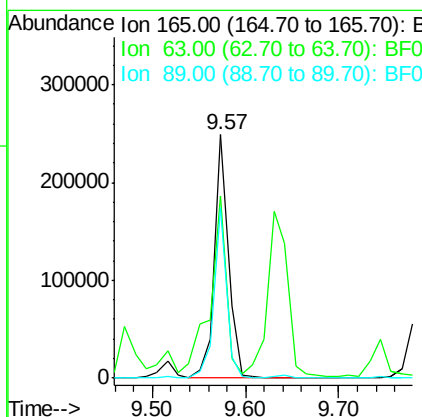
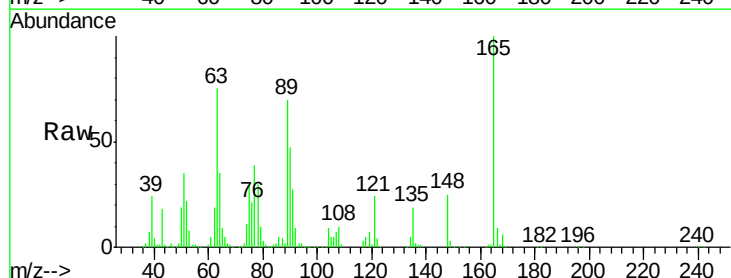
Manual Integrations
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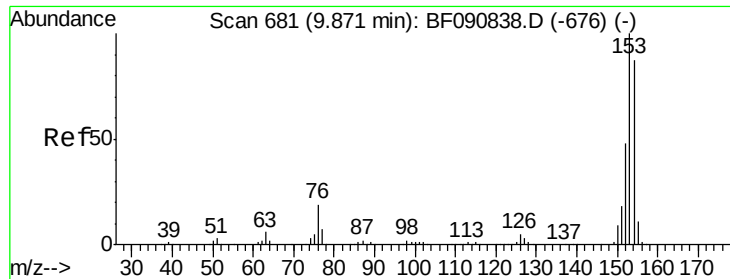
Umangi
11/2/2016 5:41:45 PM



#50
2,6-Dinitrotoluene
Concen: 45.64 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.7	32.3	48.5#
89	70.3	28.6	43.0#





#51

Acenaphthene

Concen: 42.43 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

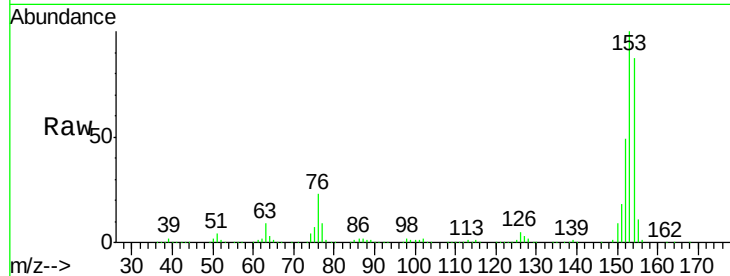
ClientSampleId :

SB-70-0.5-1.0MS

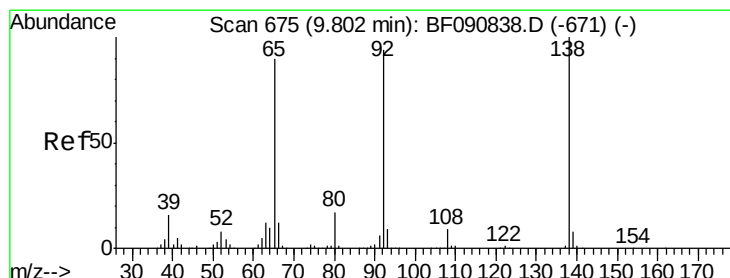
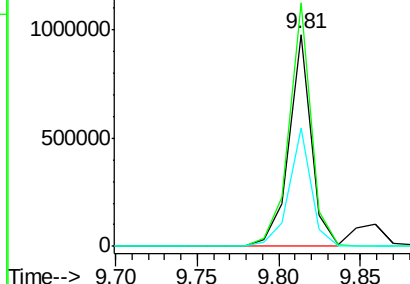
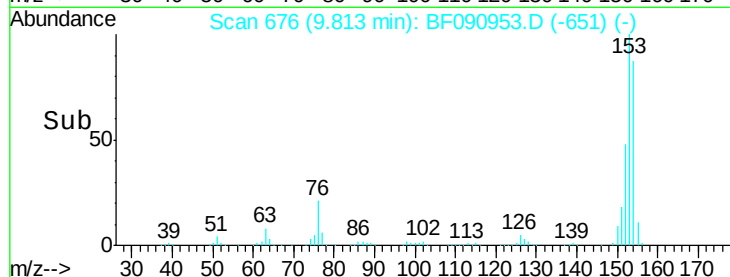
Tot Ion:	154	Resp:	934981
Ion Ratio	Lower	Upper	
154	100		
153	115.0	82.1	123.1
152	55.8	37.9	56.9

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



#52

3-Nitroaniline

Concen: 38.92 ng

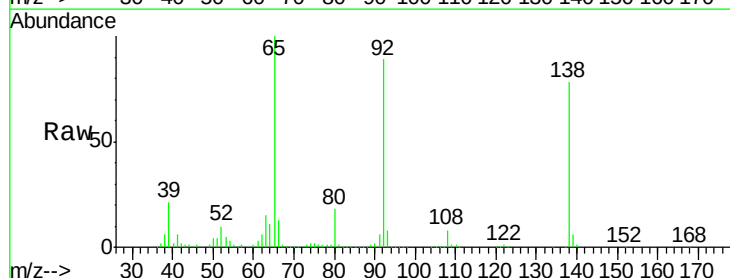
RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

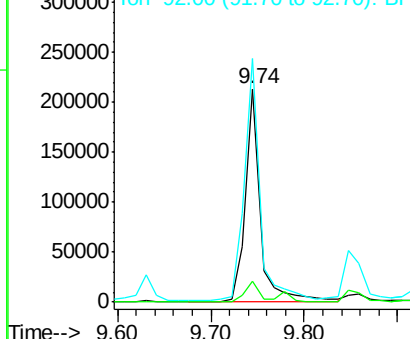
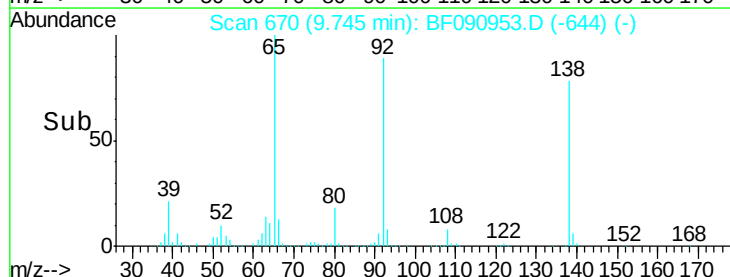
Lab File: BF090953.D

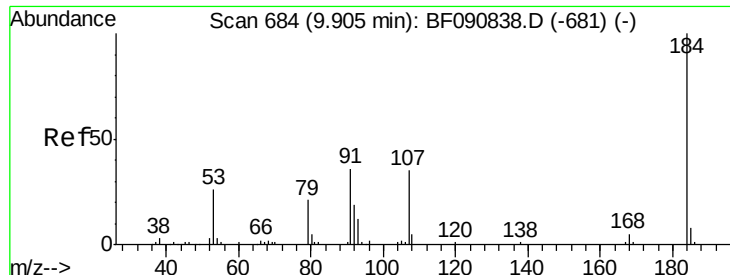
Acq: 1 Nov 2016 16:21

Tgt Ion:	138	Resp:	235750
Ion Ratio	Lower	Upper	
138	100		
108	9.9	5.7	8.5#
92	114.3	67.7	101.5#



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





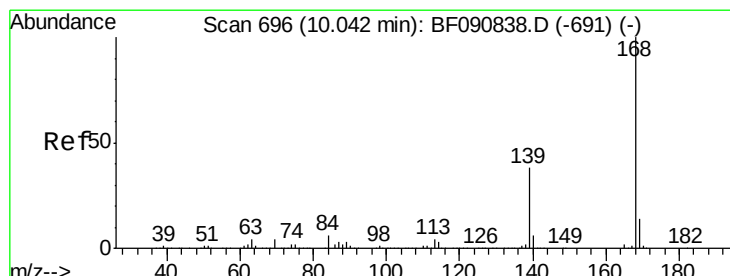
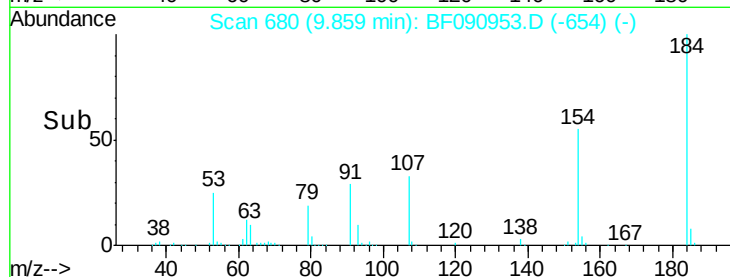
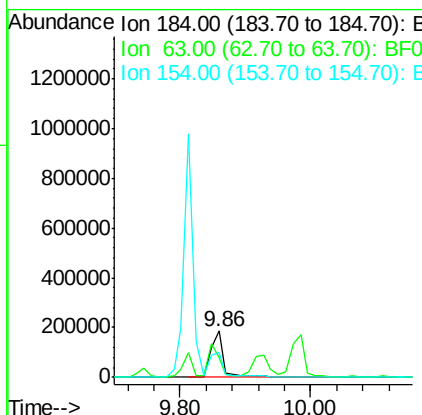
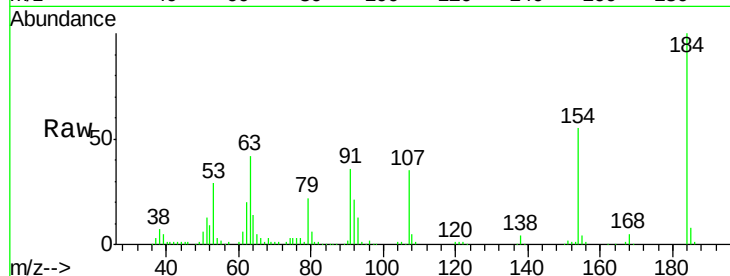
#53
 2,4-Dinitrophenol
 Concen: 86.03 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	257700		
63	42.3		35.4	53.2
154	54.8		32.2	48.4

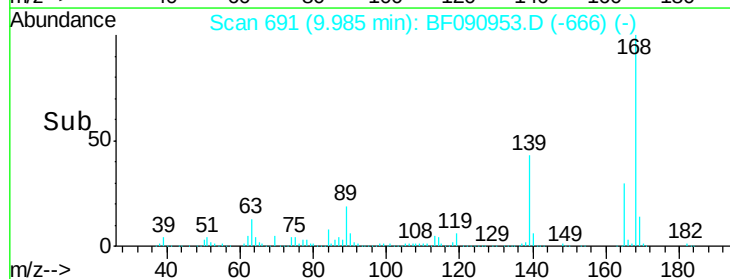
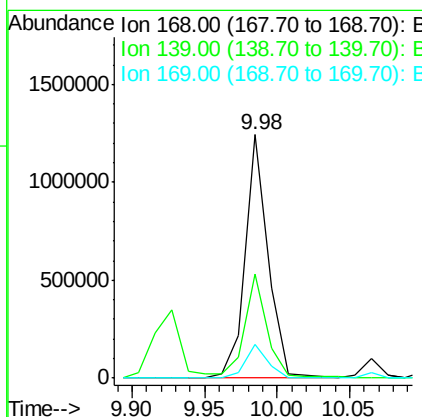
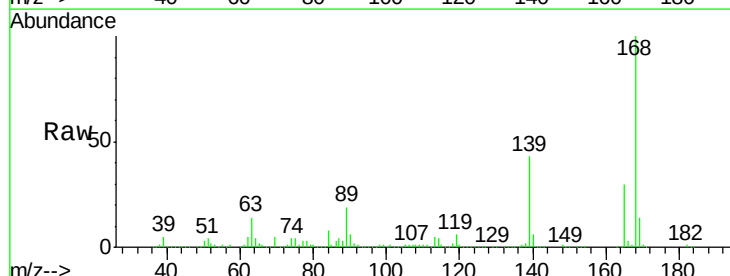
Manual Integrations
 APPROVED

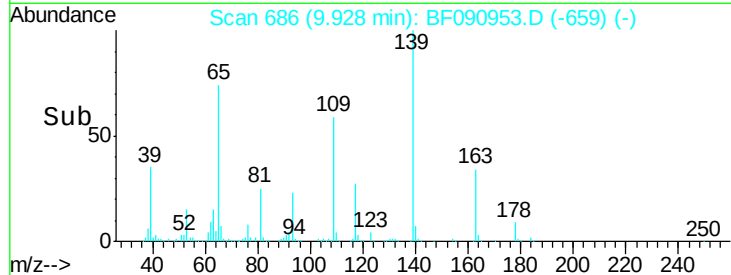
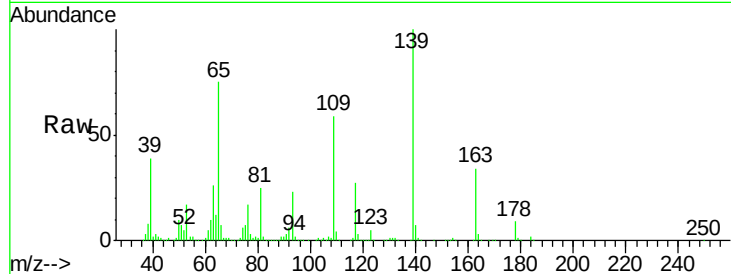
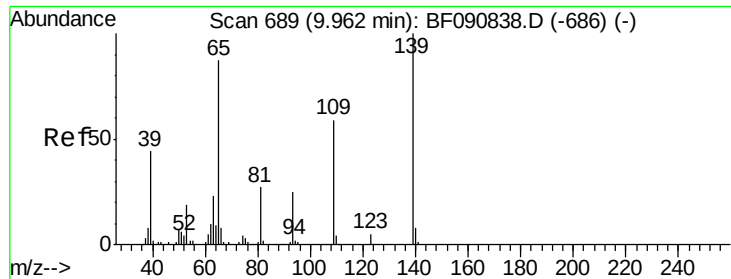
Umangi
 11/2/2016 5:41:45 PM



#54
 Dibenzofuran
 Concen: 47.90 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1361962		
139	42.8		24.2	36.2
169	14.1		10.6	15.8





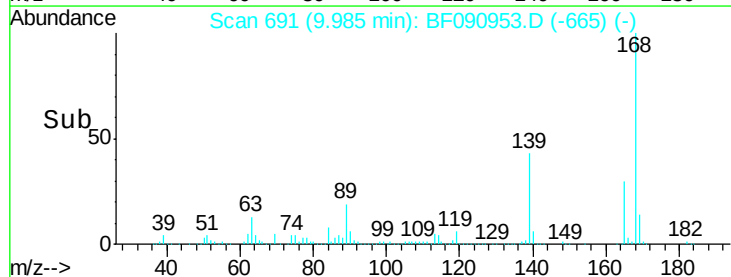
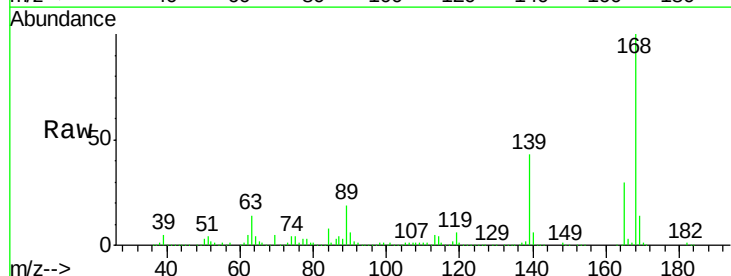
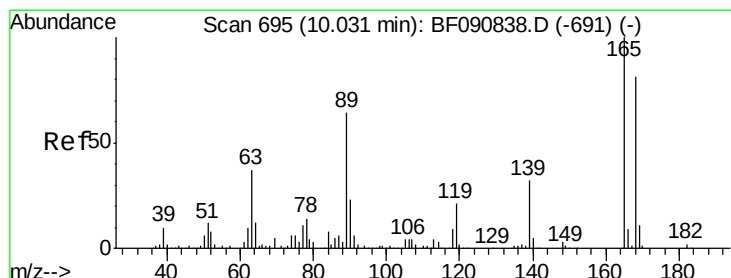
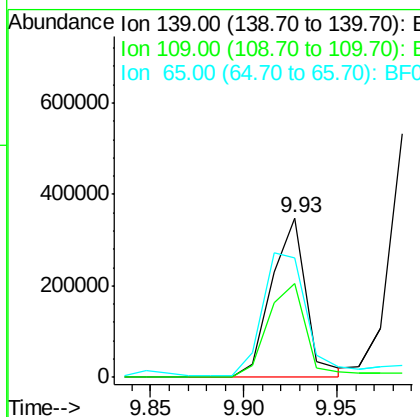
#55
4-Nitrophenol
Concen: 122.73 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tot Ion	Ratio	Resp	Lower	Upper
139	100	453396		
109	59.1	12.7	52.7#	
65	75.0	45.9	85.9	

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

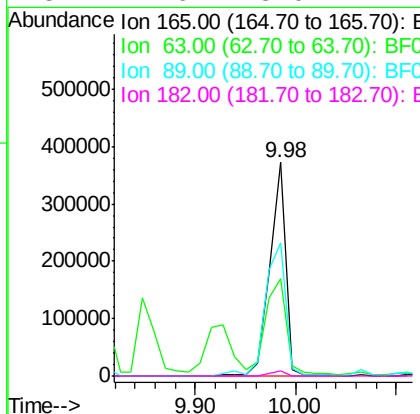
Manual Integrations
APPROVED

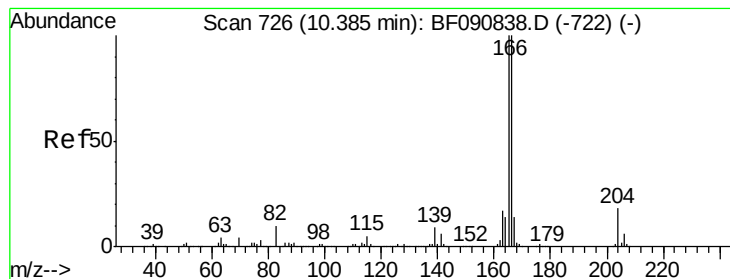
Umangi
11/2/2016 5:41:45 PM



#56
2,4-Dinitrotoluene
Concen: 58.04 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	410246		
63	45.4	29.8	44.6#	
89	62.6	44.5	66.7	
182	2.6	3.0	4.4#	





#57

Fluorene

Concen: 45.93 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion:166 Resp: 1069661

Ion Ratio Lower Upper

166 100

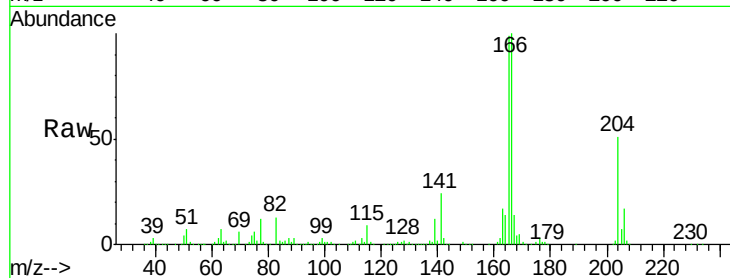
165 99.0 72.6 109.0

167 14.0 10.6 16.0

Manual Integrations
APPROVED

Umangi

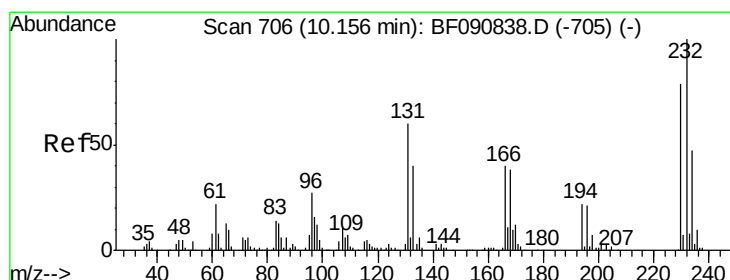
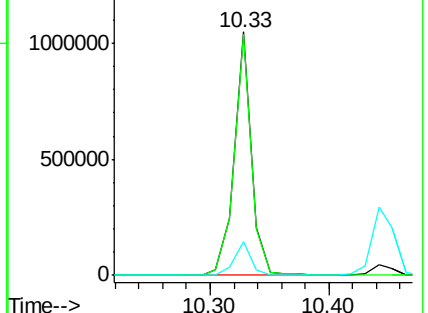
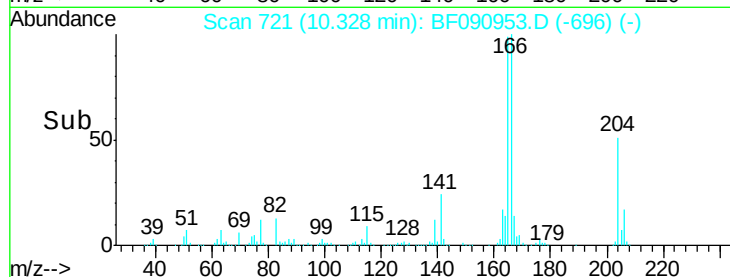
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.57 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Tgt Ion:232 Resp: 323951

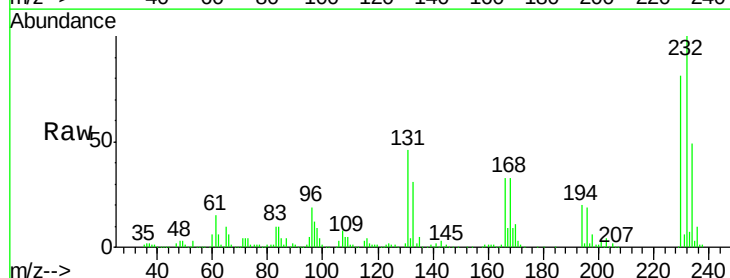
Ion Ratio Lower Upper

232 100

131 51.9 38.5 57.7

130 2.4 1.8 2.6

166 33.9 25.0 37.6

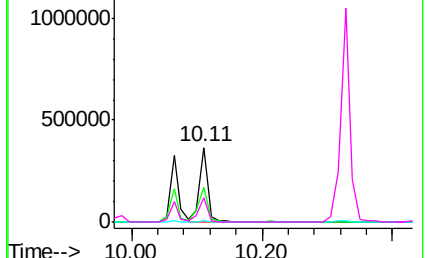
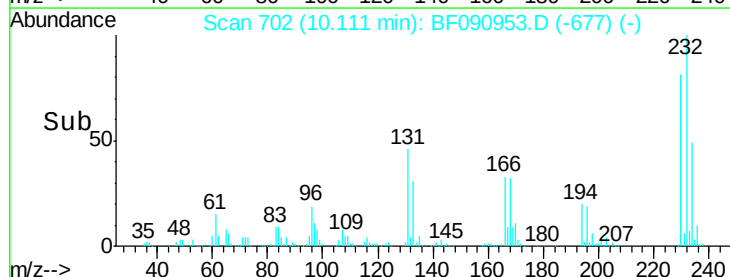


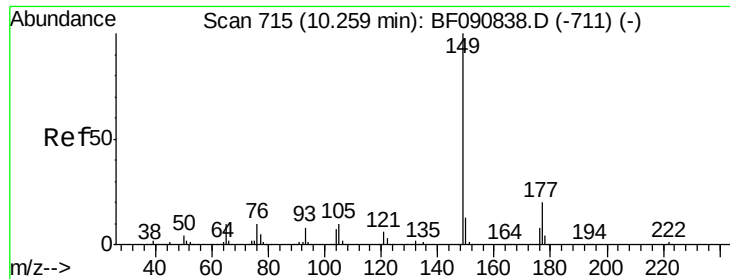
Abundance Ion 232.00 (231.70 to 232.70): E

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





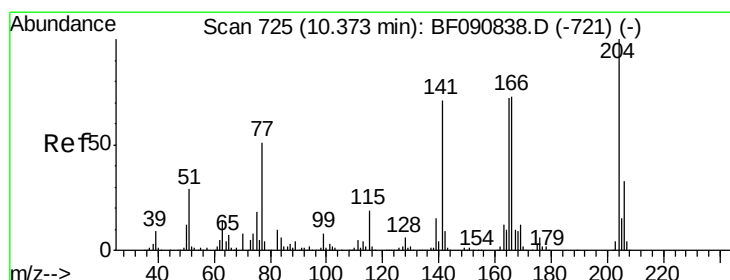
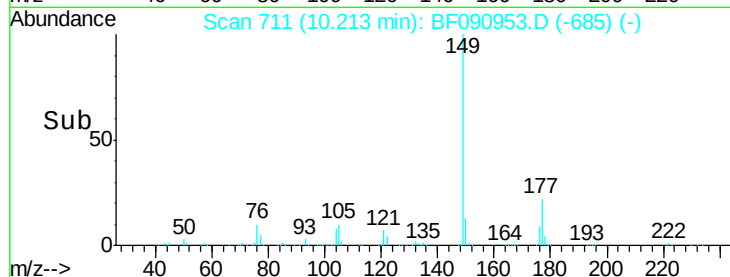
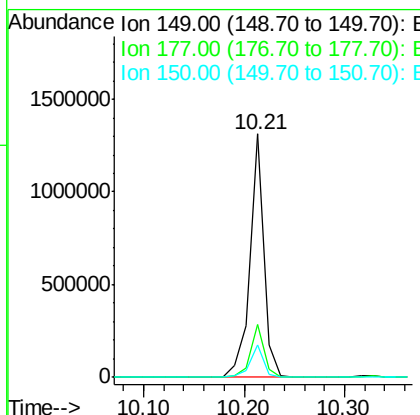
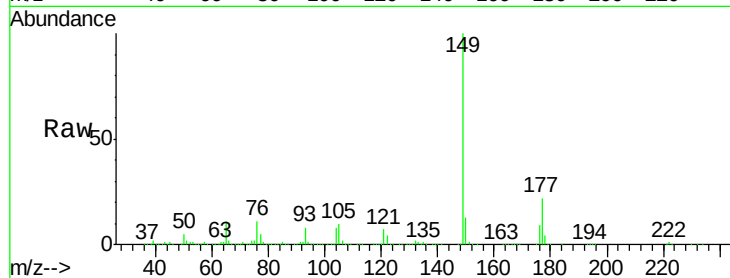
#59
Diethylphthalate
Concen: 49.74 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion:149 Resp: 1272778
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 13.1 9.4 14.2

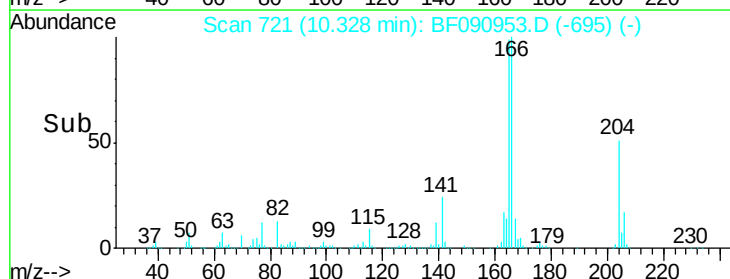
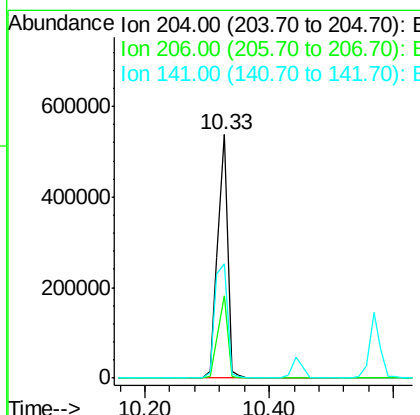
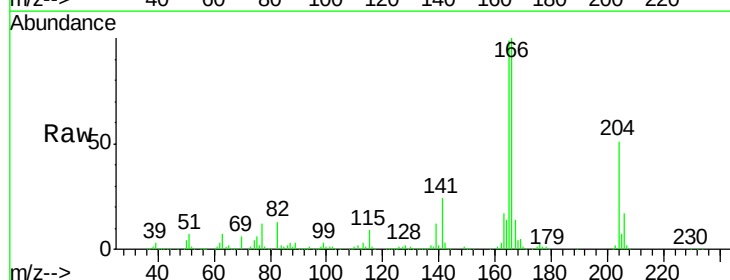
Manual Integrations
APPROVED

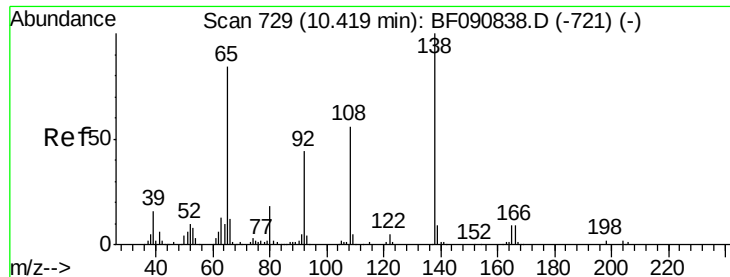
Umangi
11/2/2016 5:41:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.21 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion:204 Resp: 582254
Ion Ratio Lower Upper
204 100
206 33.6 24.8 37.2
141 46.8 42.2 63.4





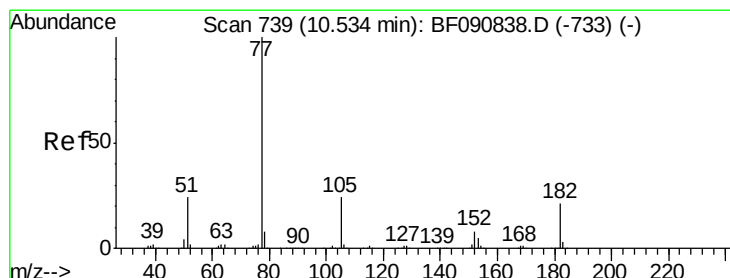
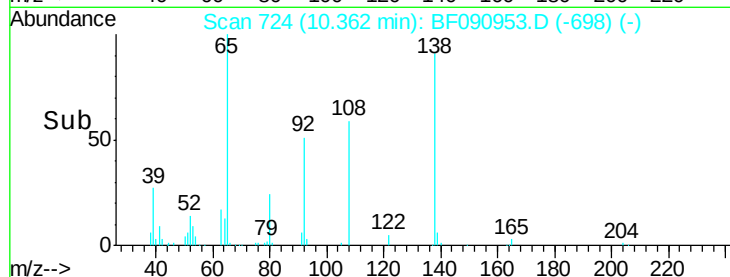
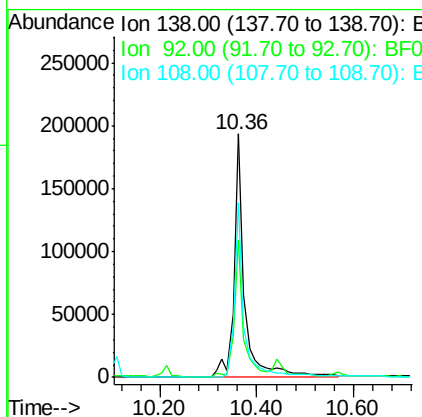
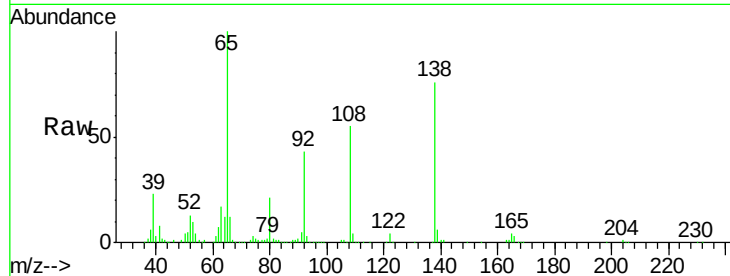
#61
4-Nitroaniline
Concen: 48.82 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.2	12.6	52.6#
108	71.9	12.4	52.4#

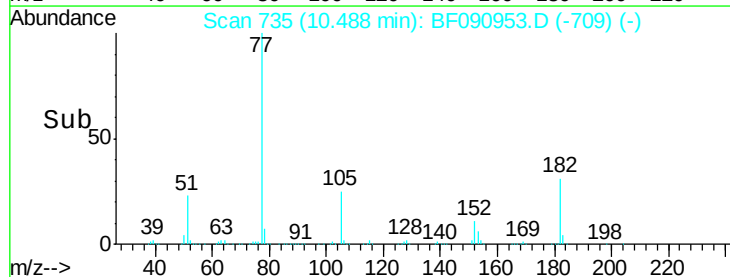
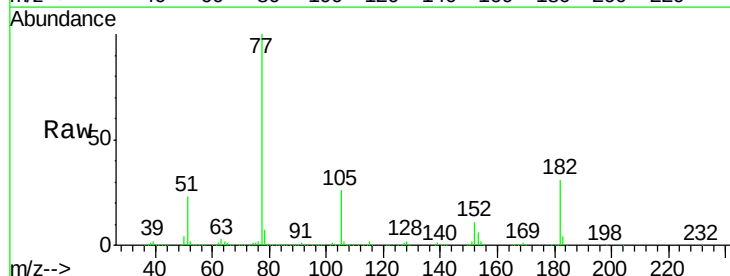
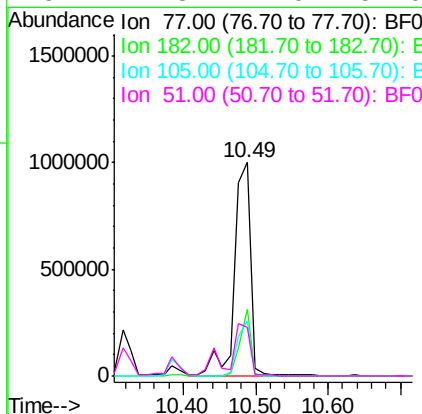
Manual Integrations
APPROVED

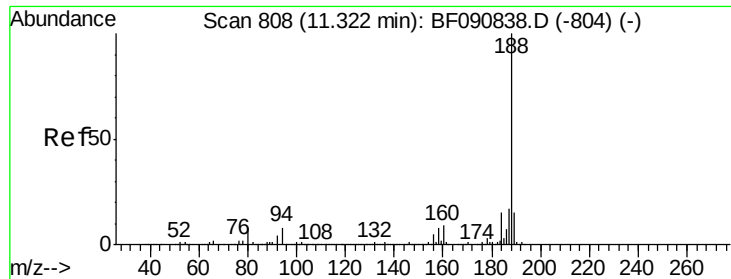
Umangi
11/2/2016 5:41:45 PM



#62
Azobenzene
Concen: 61.45 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.0	15.1	55.1
105	25.9	3.4	43.4
51	22.8	12.0	52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

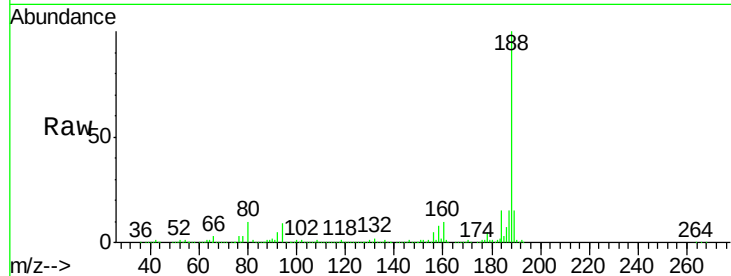
ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion:188	Resp: 621144
Ion Ratio	Lower Upper
188 100	
94 9.2	11.1 16.7#
80 10.3	11.0 16.4#

Manual Integrations
APPROVED

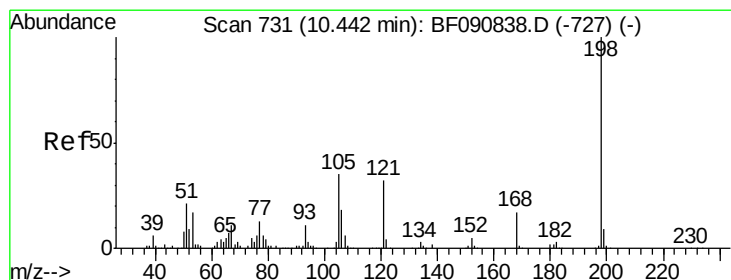
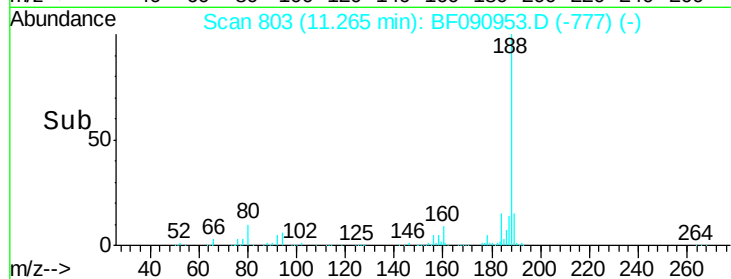
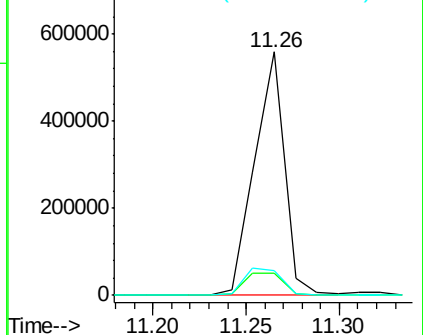
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.92 ng

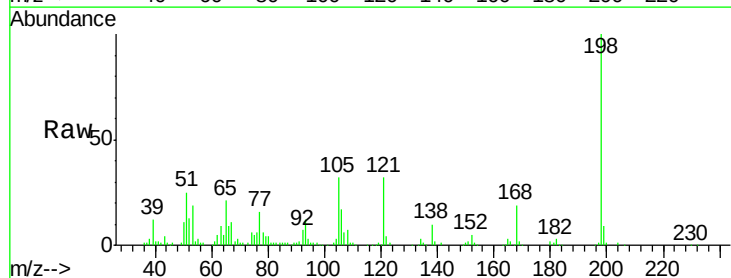
RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

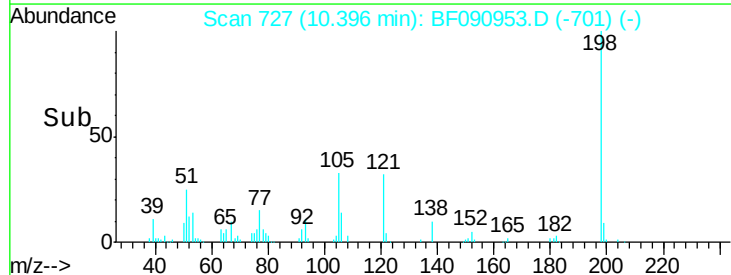
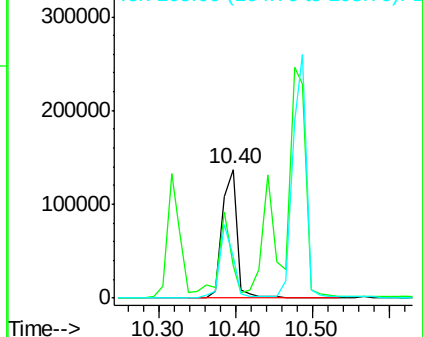
Tgt Ion:198	Resp: 189099
Ion Ratio	Lower Upper
198 100	
51 24.8	39.6 79.6#
105 32.1	28.5 68.5

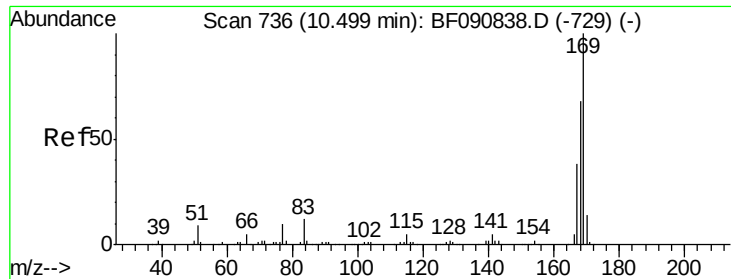


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 53.13 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion:169 Resp: 1010843

Ion Ratio Lower Upper

169 100

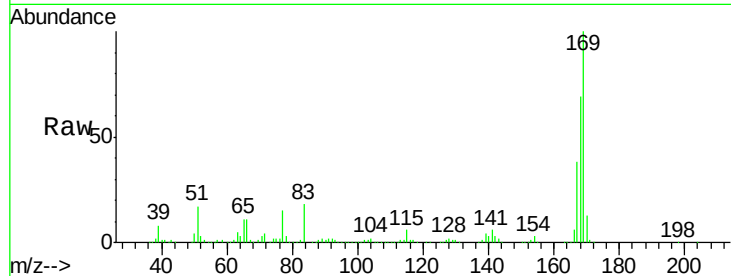
168 69.3 48.9 73.3

167 38.4 26.2 39.4

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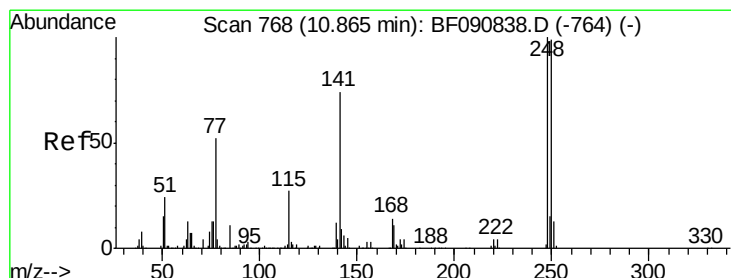
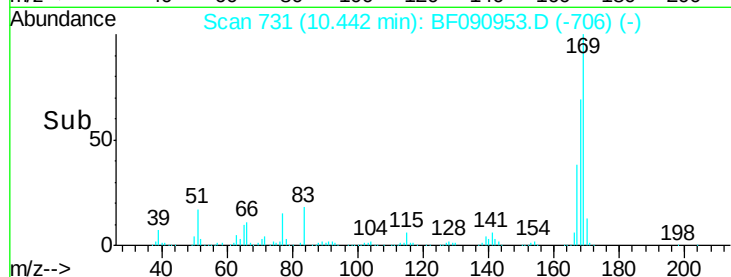
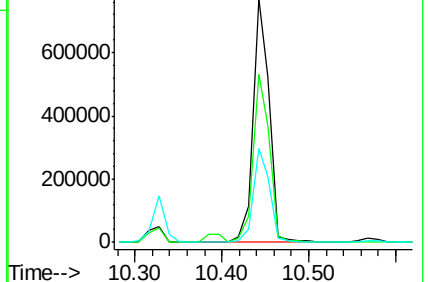
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.38 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

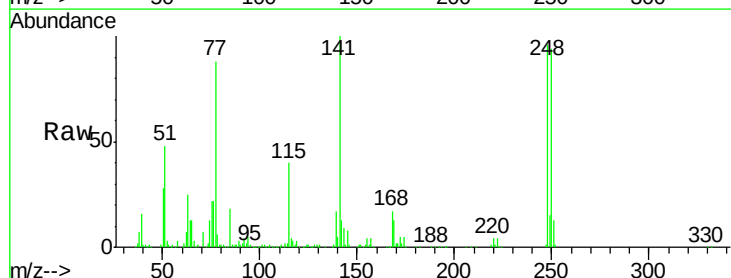
Tgt Ion:248 Resp: 315468

Ion Ratio Lower Upper

248 100

250 97.7 78.5 117.7

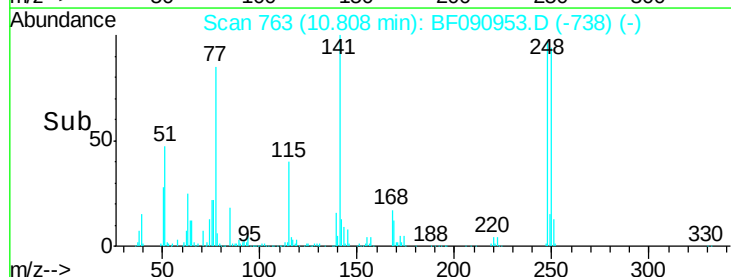
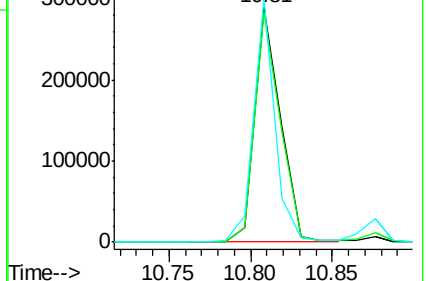
141 103.8 59.0 88.6#

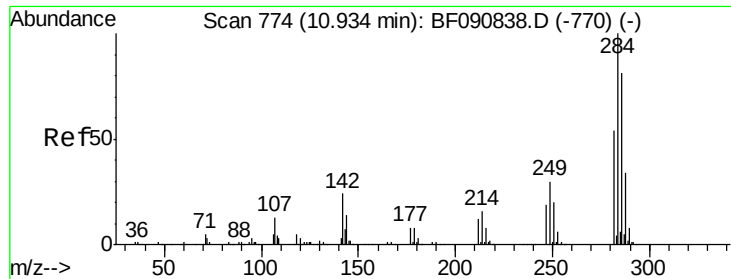


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.80 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

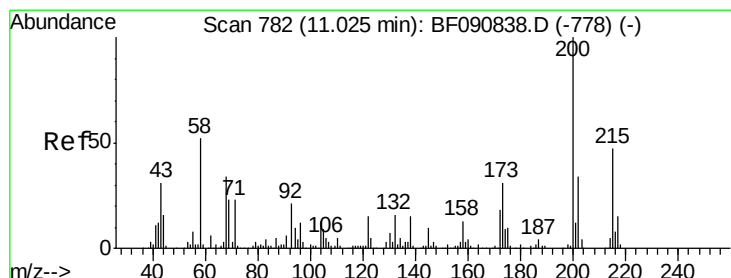
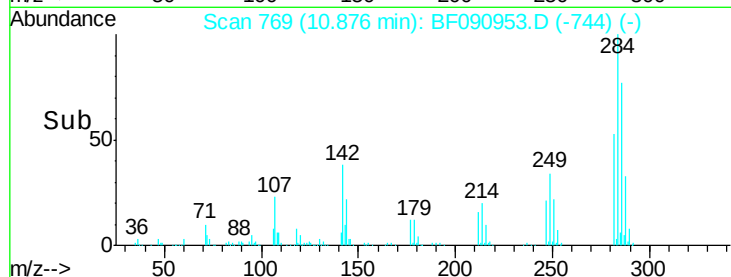
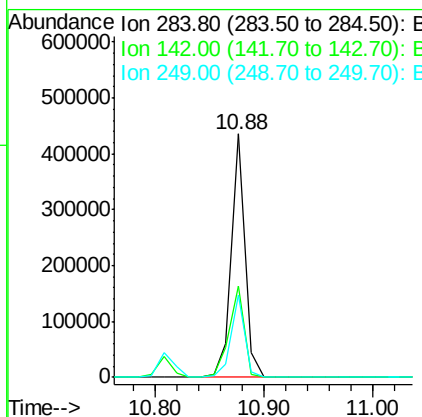
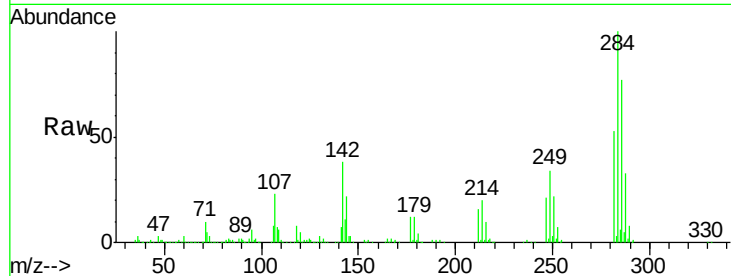
ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.7	29.5	44.3	
249	33.6	19.5	29.3	

Manual Integrations
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#68

Atrazine

Concen: 56.56 ng

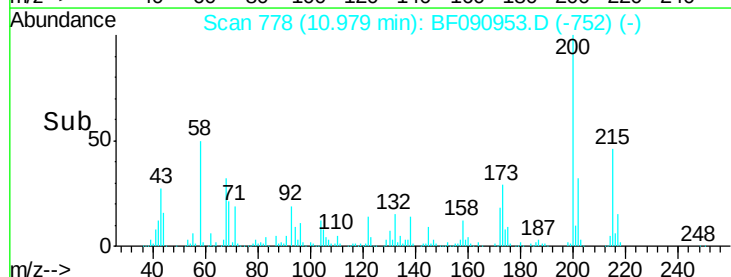
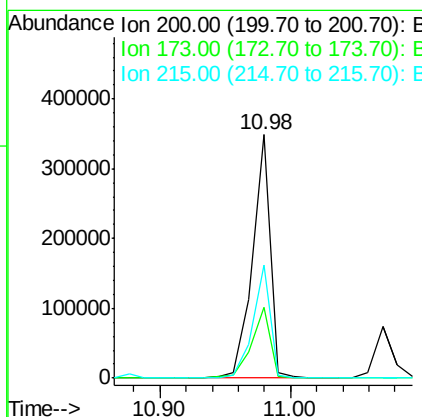
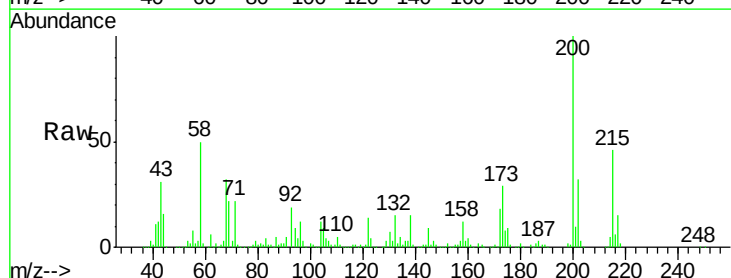
RT: 10.98 min Scan# 778

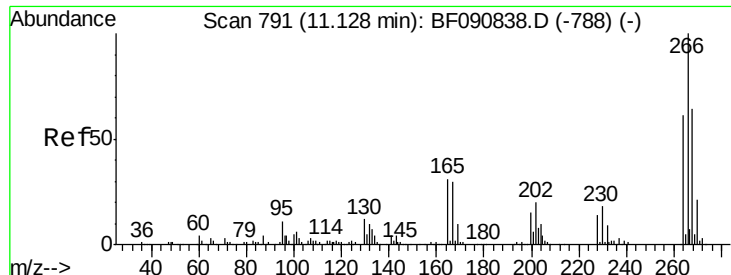
Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	13.2	53.2	
215	46.5	41.8	81.8	





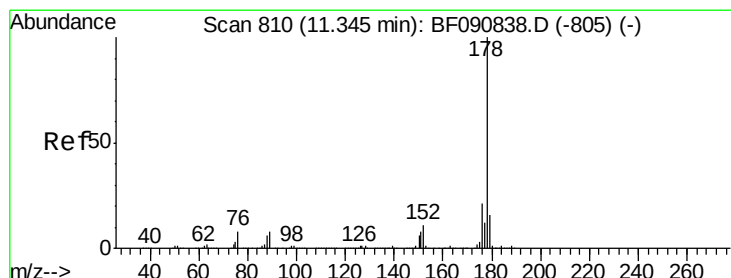
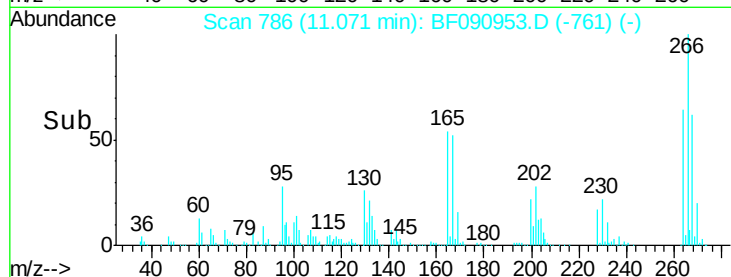
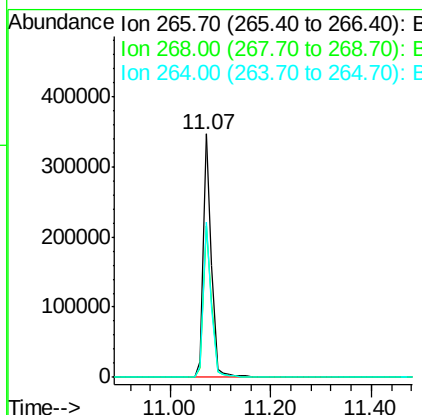
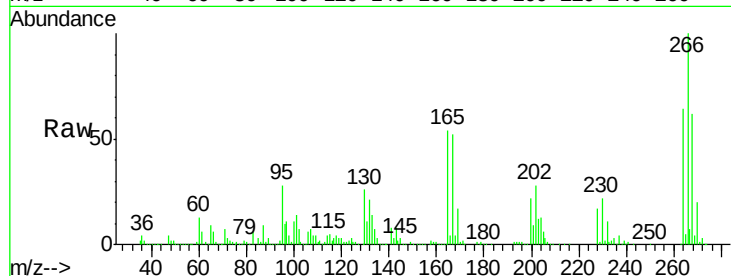
#69
 Pentachlorophenol
 Concen: 90.38 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	49.8	74.6
264	63.7	50.2	75.2

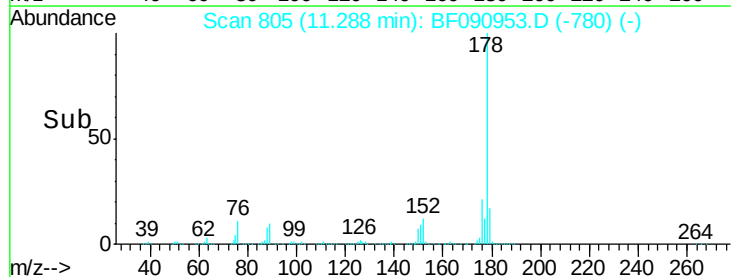
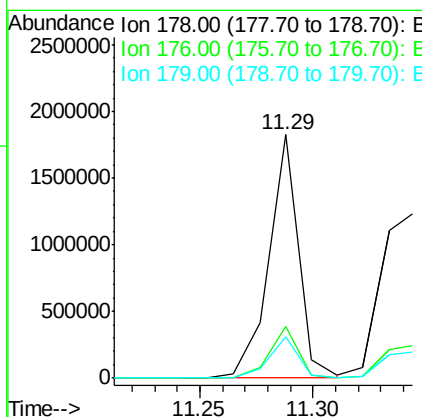
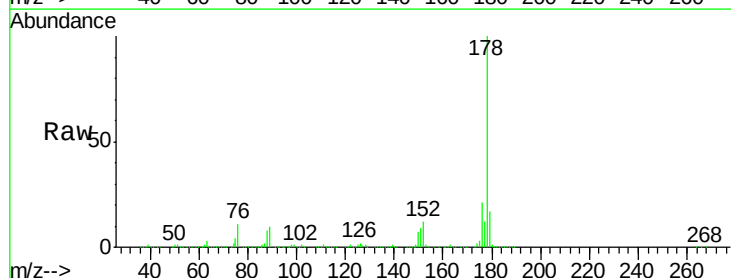
Manual Integrations
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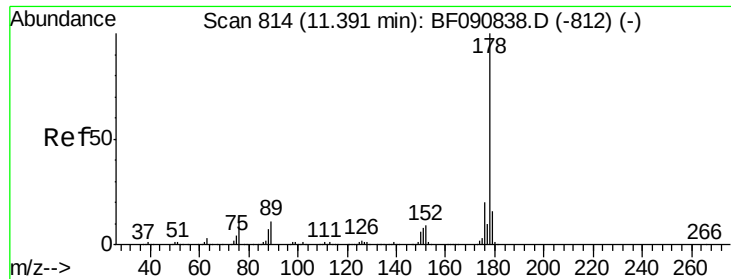
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#70
 Phenanthrene
 Concen: 52.65 ng m
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	13.8	20.8#
179	16.8	12.2	18.2





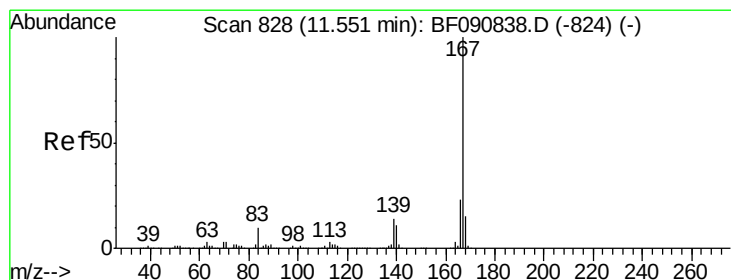
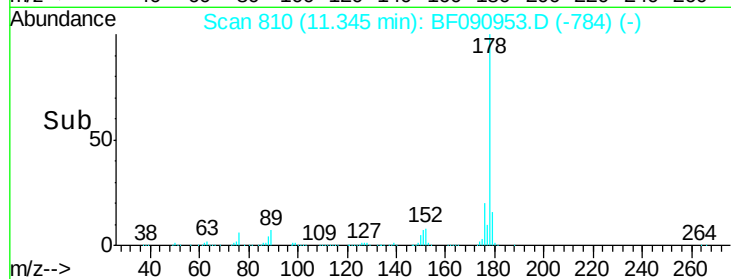
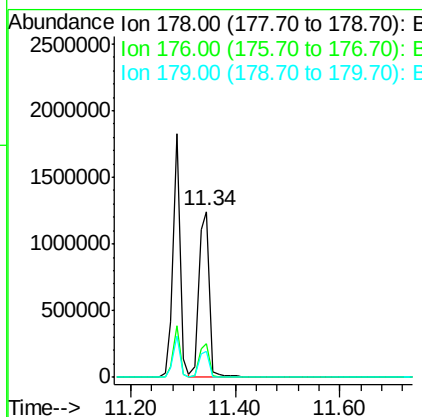
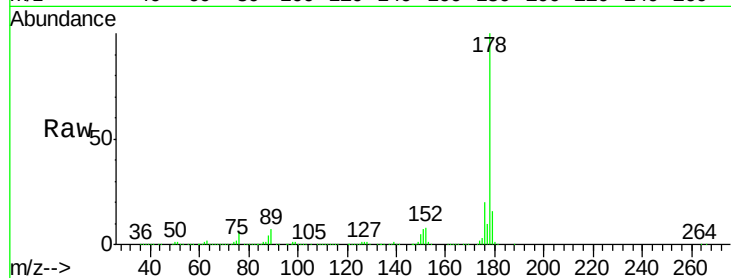
#71
 Anthracene
 Concen: 52.59 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion:178 Resp: 1751609
 Ion Ratio Lower Upper
 178 100
 176 20.0 14.1 21.1
 179 15.7 12.2 18.2

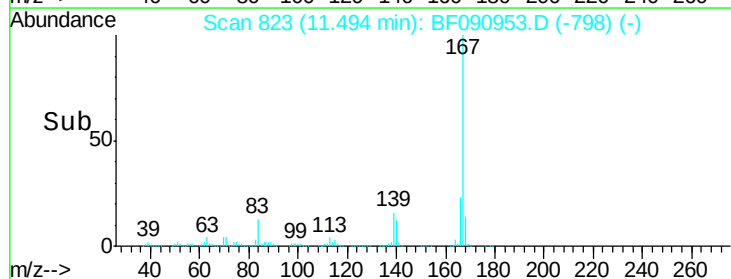
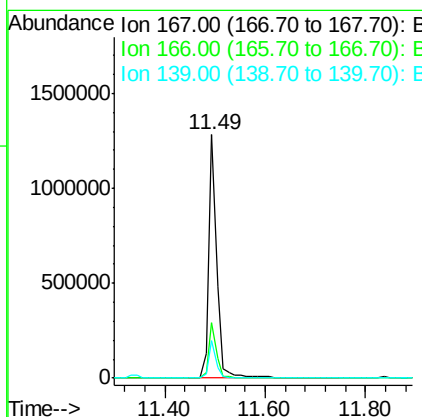
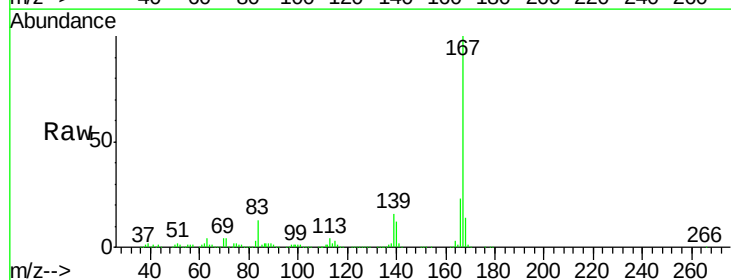
Manual Integrations
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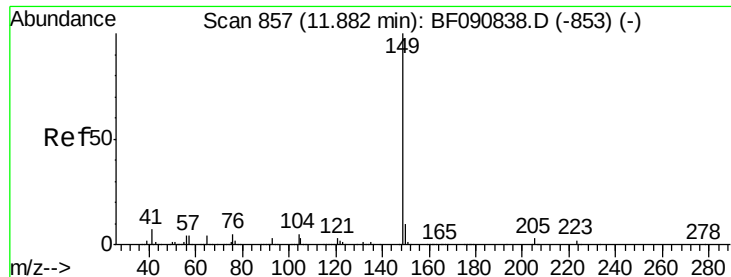
Umangi
 11/2/2016 5:41:45 PM



#72
 Carbazole
 Concen: 48.55 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion:167 Resp: 1427963
 Ion Ratio Lower Upper
 167 100
 166 22.9 15.7 23.5
 139 15.5 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 54.31 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion:149 Resp: 2059113

Ion Ratio Lower Upper

149 100

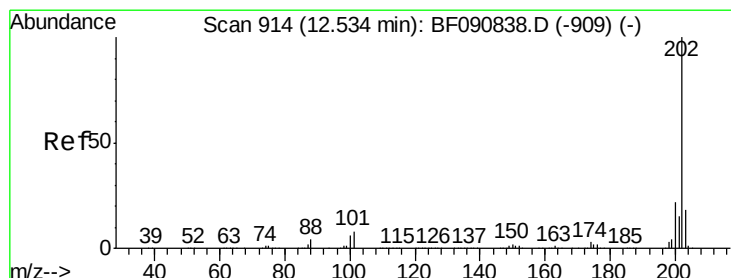
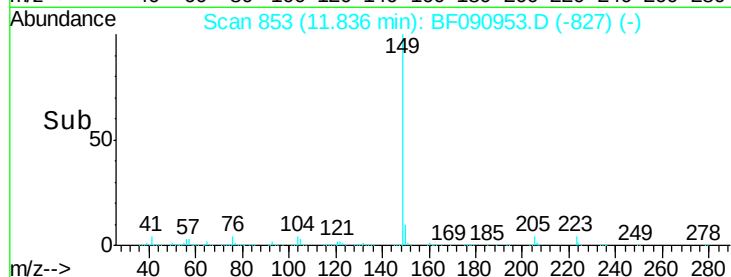
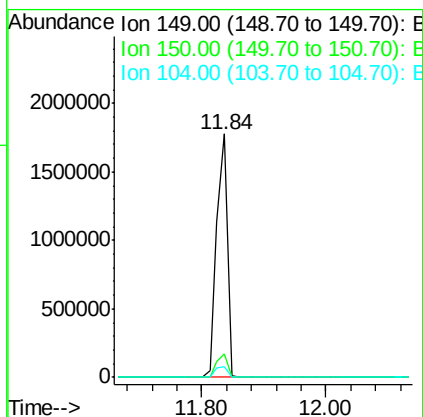
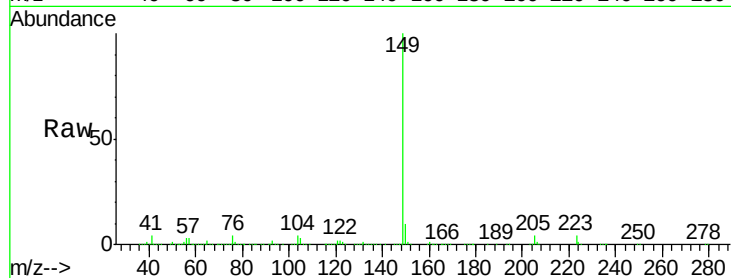
150 9.7 7.4 11.2

104 4.4 2.4 3.6#

Manual Integrations
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#74

Fluoranthene

Concen: 49.67 ng

RT: 12.48 min Scan# 909

Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

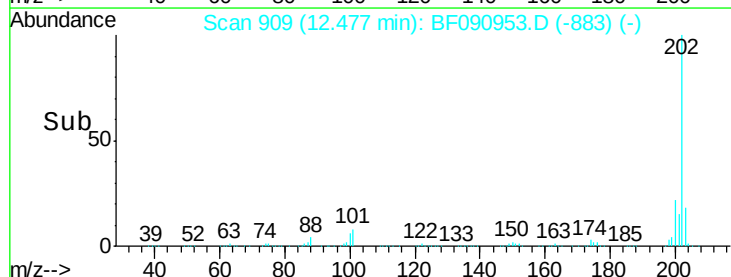
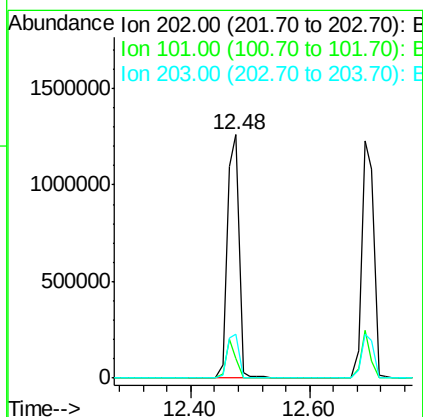
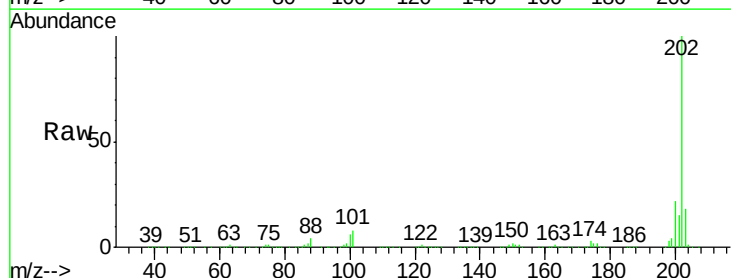
Tgt Ion:202 Resp: 1720536

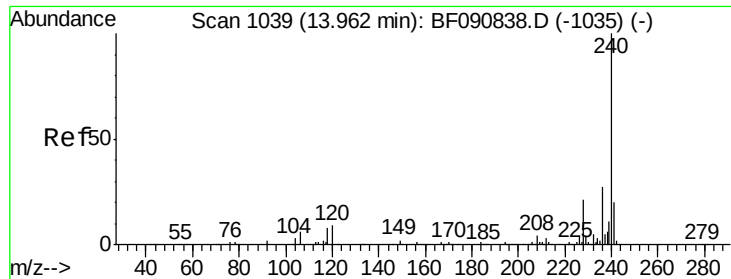
Ion Ratio Lower Upper

202 100

101 8.2 0.0 38.3

203 17.8 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Instrument :

BNA_F

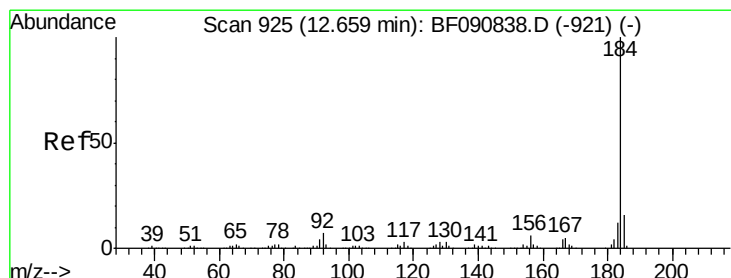
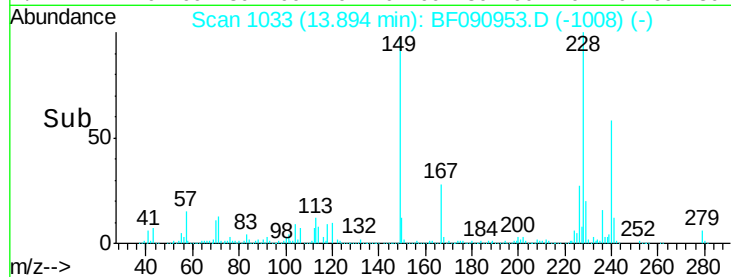
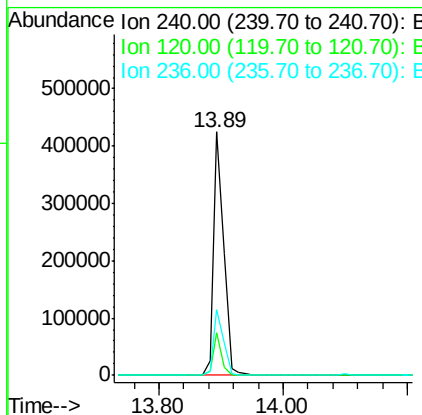
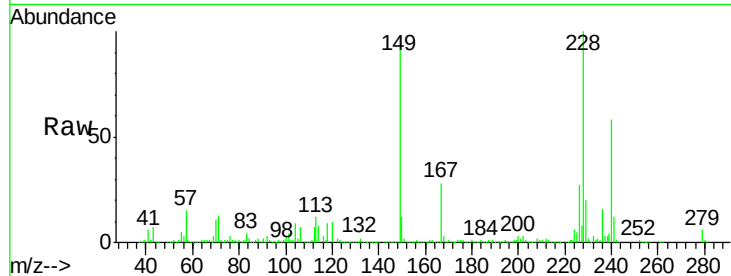
ClientSampleId :

SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	17.7	16.2	24.2
236	27.0	18.4	27.6

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#76

Benzidine

Concen: 52.97 ng

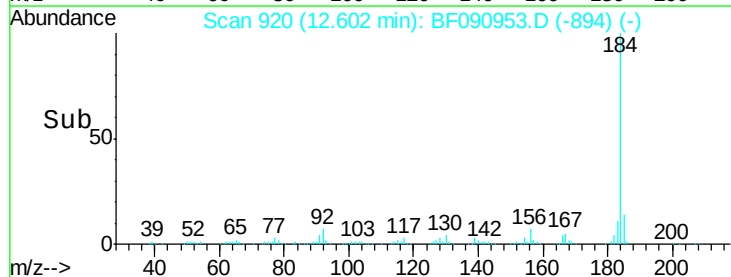
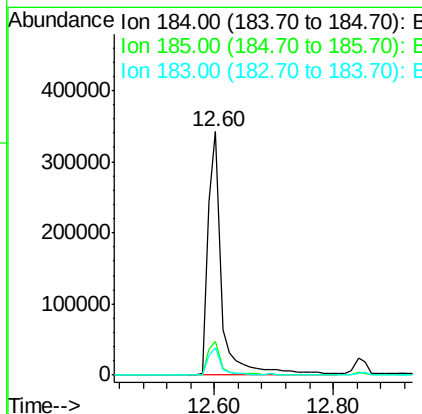
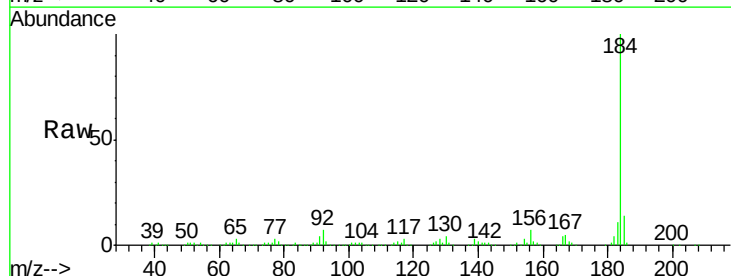
RT: 12.60 min Scan# 920

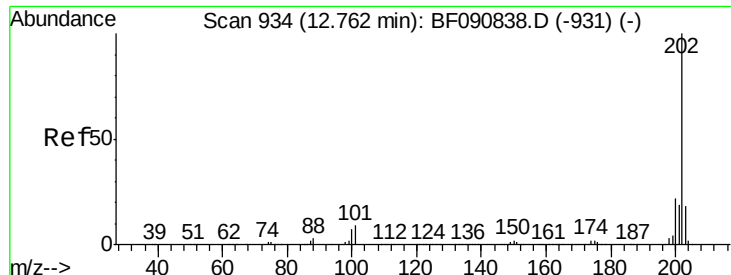
Delta R.T. 0.00 min

Lab File: BF090953.D

Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.6
183	11.3	7.6	11.4





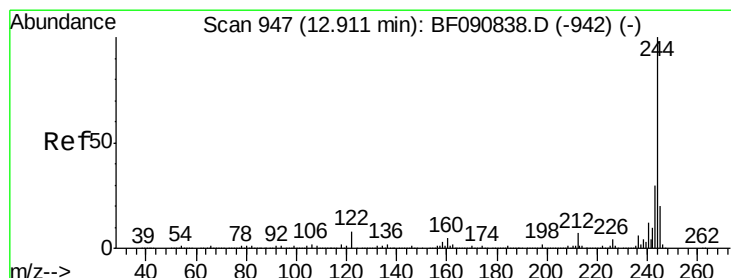
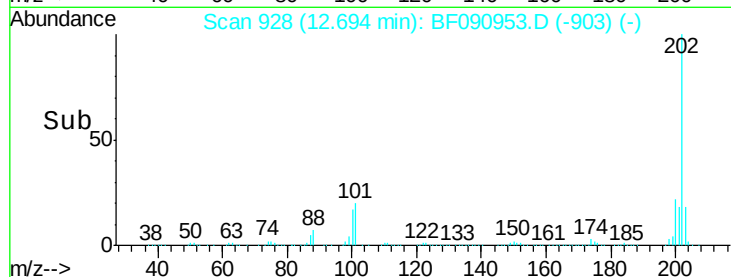
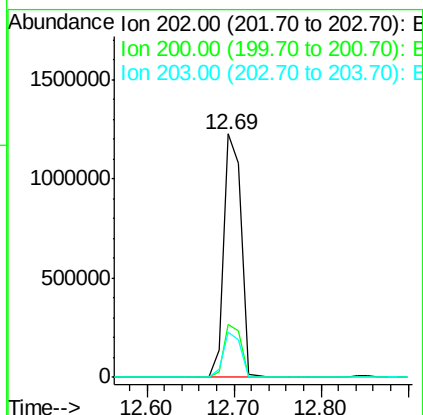
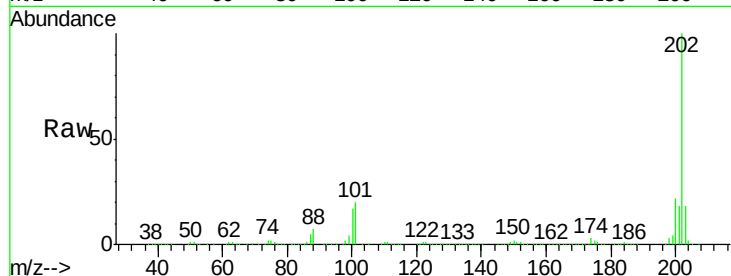
#77
Pvrene
Concen: 56.92 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	18.4	14.1	21.1

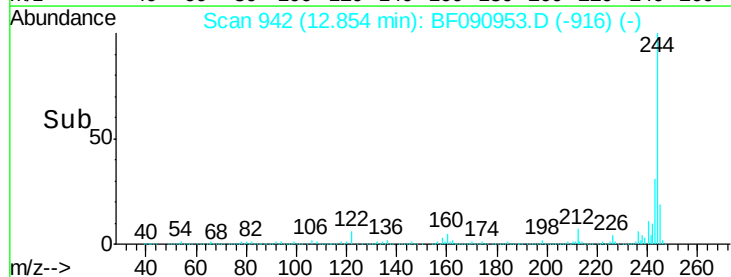
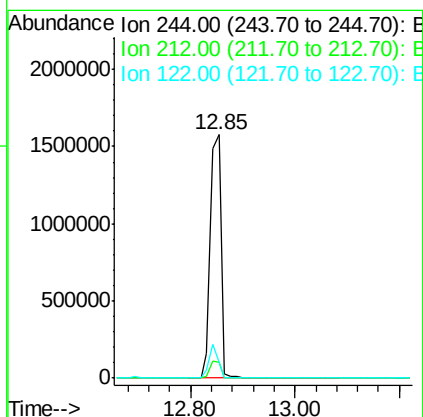
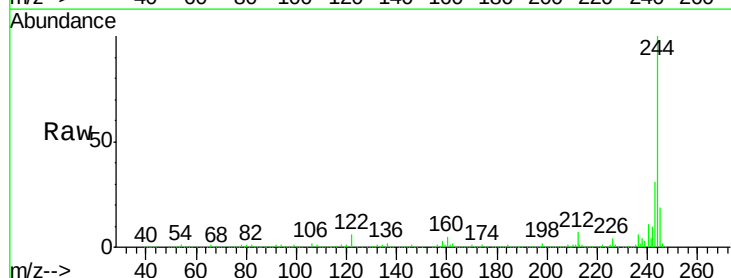
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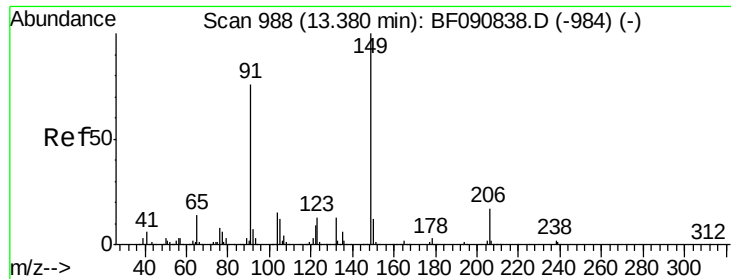
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11/2/2016 5:41:45 PM



#78
Terphenyl-d14
Concen: 120.57 ng
RT: 12.85 min Scan# 942
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	6.5	17.4	26.2#





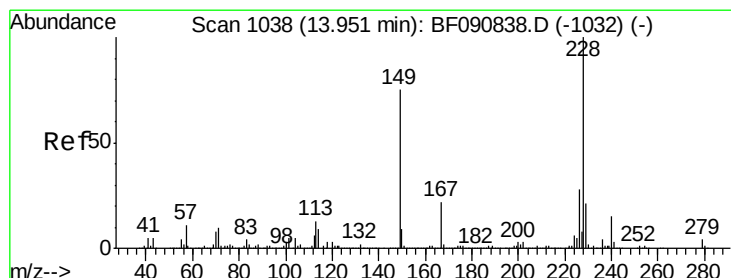
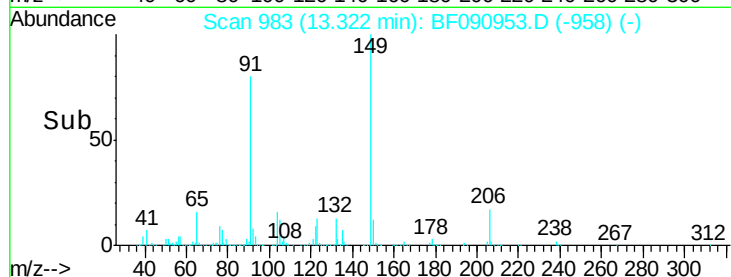
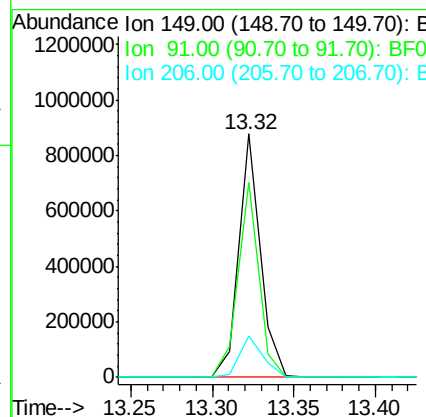
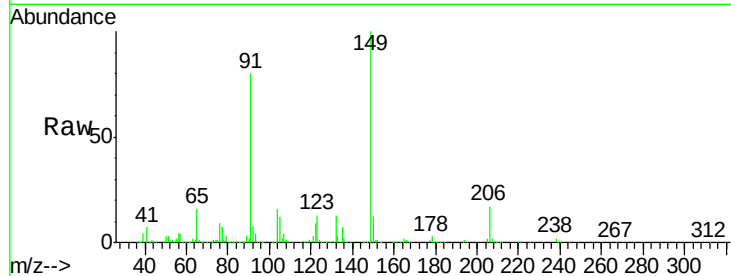
#79
Butylbenzylphthalate
Concen: 58.63 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	80.0	48.6	72.8
206	16.8	14.9	22.3

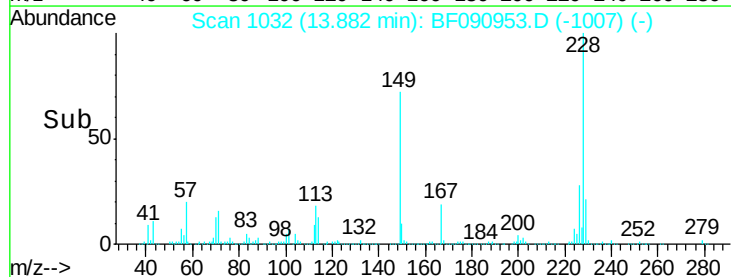
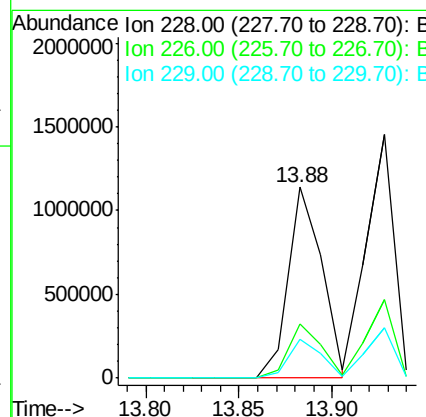
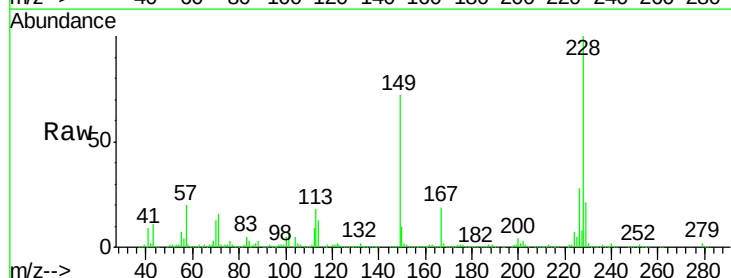
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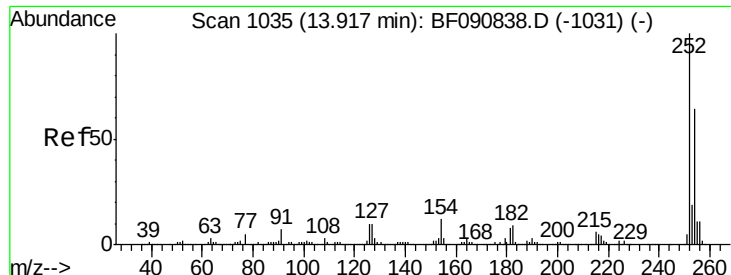
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11/2/2016 5:41:45 PM



#80
Benzo(a)anthracene
Concen: 57.30 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	20.0	30.0
229	20.6	15.4	23.2





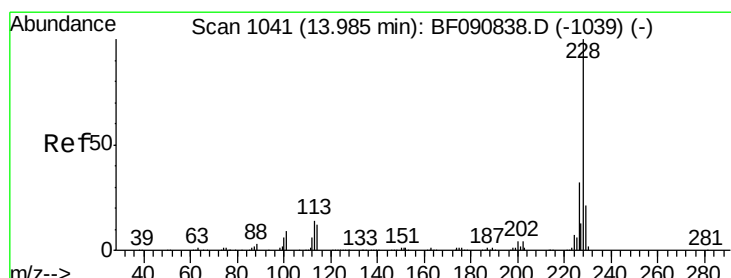
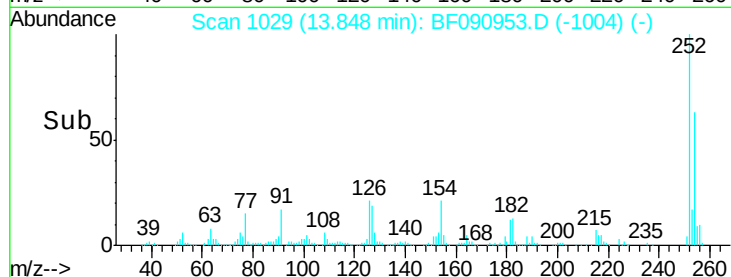
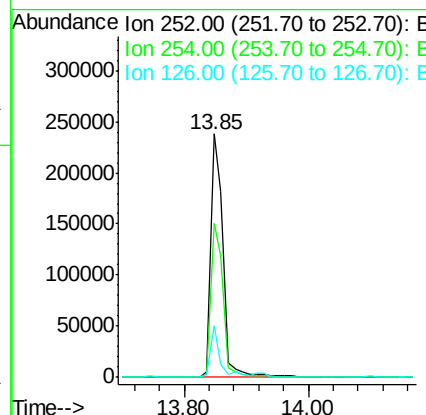
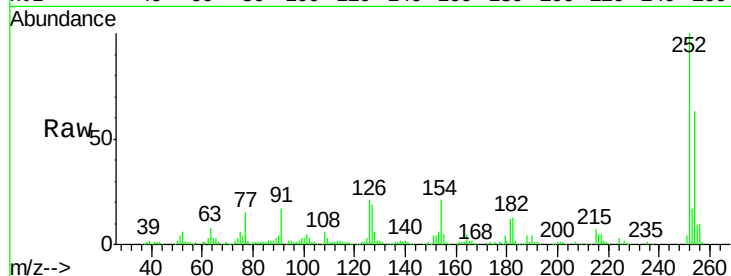
#81
 3,3'-Dichlorobenzidine
 Concen: 32.99 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.2
126	21.0	16.4	24.6

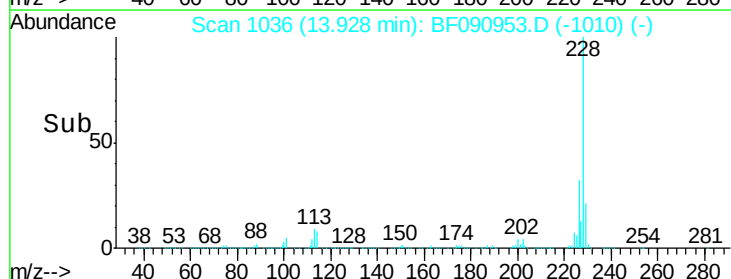
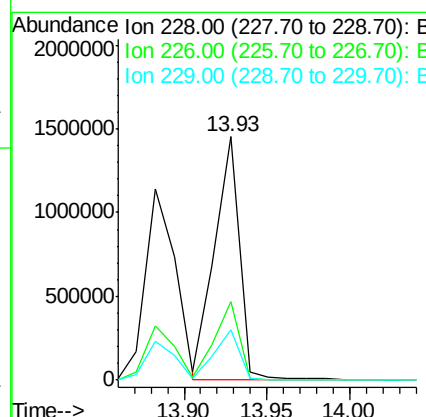
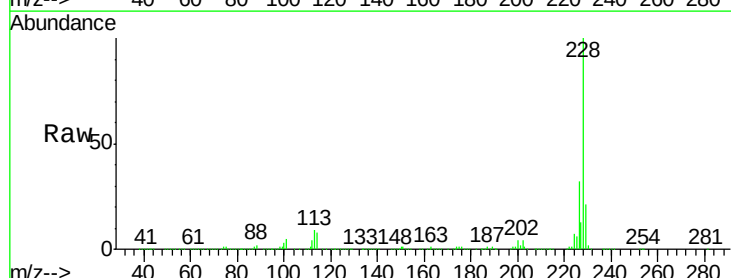
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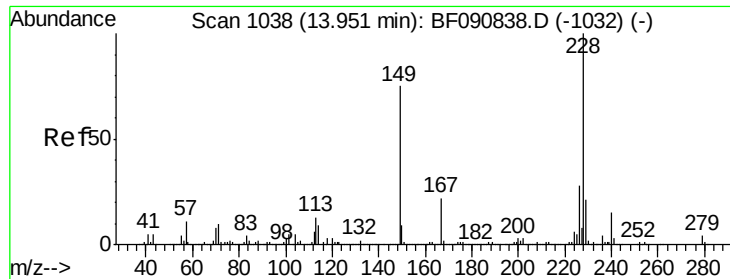
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 11/2/2016 5:41:45 PM



#82
 Chrysene
 Concen: 59.92 ng m
 RT: 13.93 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	21.0	31.4#
229	20.5	15.6	23.4





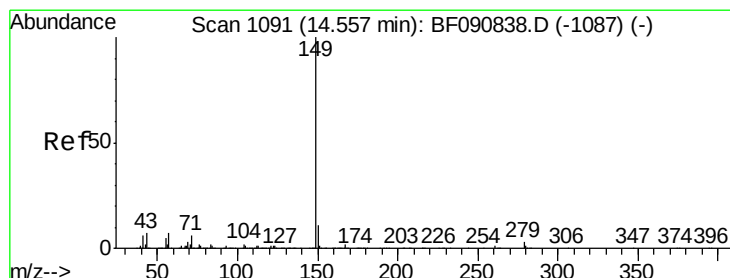
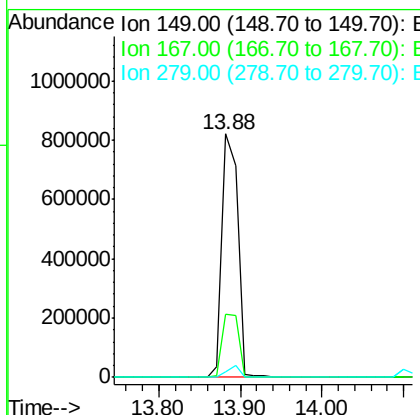
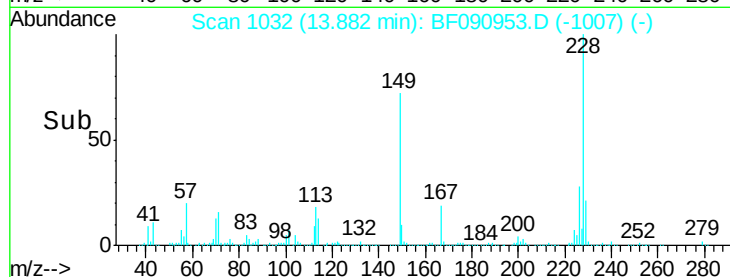
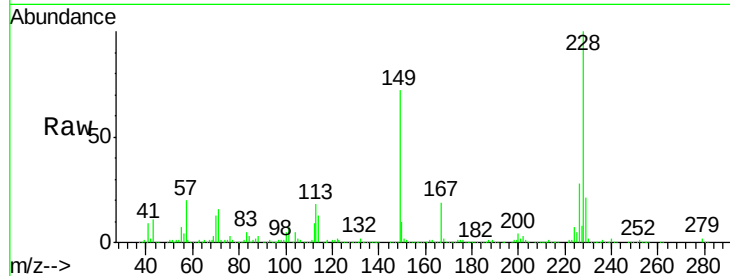
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.62 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion:149 Resp: 1091139
 Ion Ratio Lower Upper
 149 100
 167 25.9 24.2 36.2
 279 2.2 3.8 5.6#

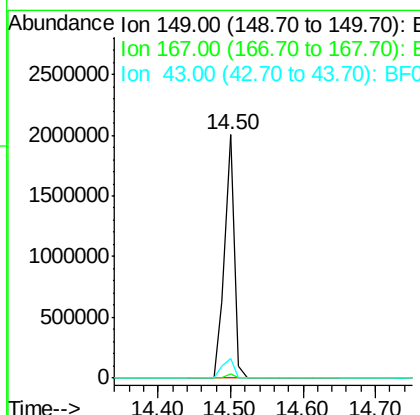
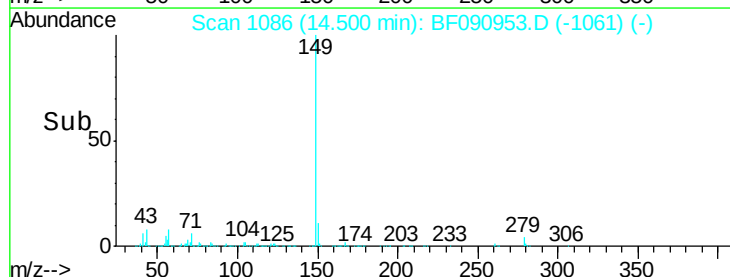
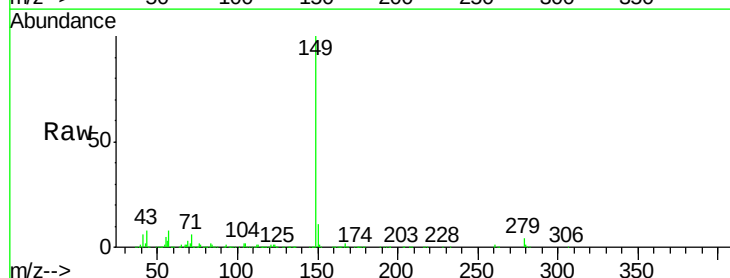
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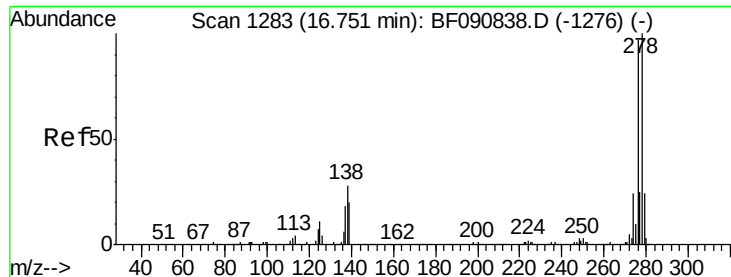
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#84
 Di-n-octyl phthalate
 Concen: 63.49 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion:149 Resp: 1887761
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.0 1.6#
 43 9.7 10.2 15.2#





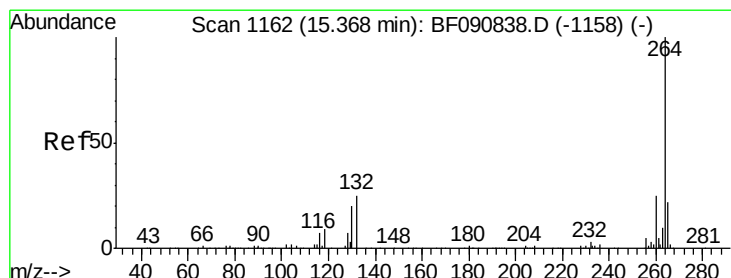
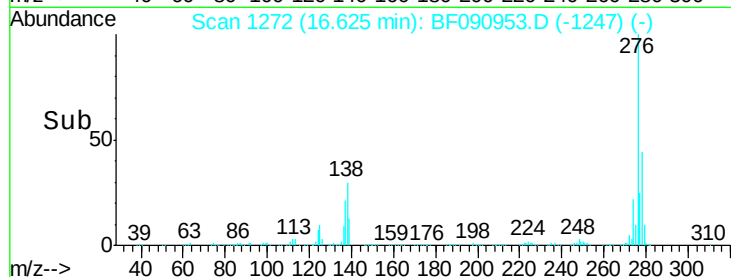
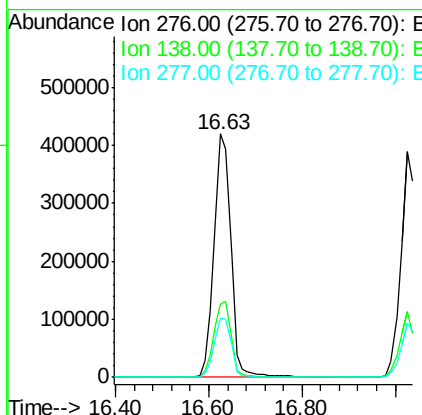
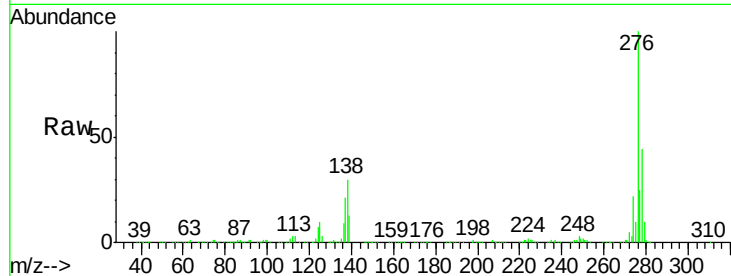
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.86 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion:276 Resp: 1055593
 Ion Ratio Lower Upper
 276 100
 138 32.1 25.7 38.5
 277 25.2 15.6 23.4#

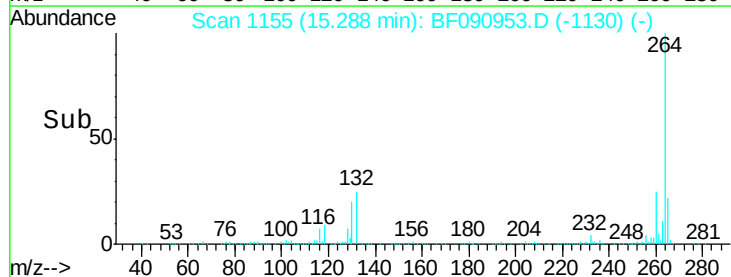
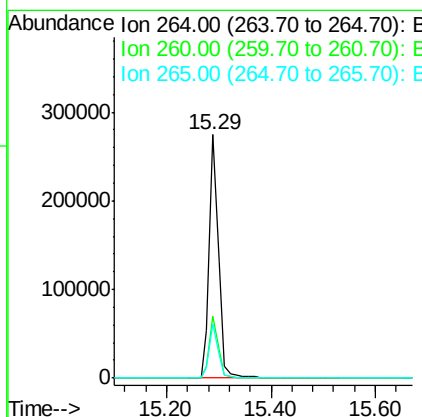
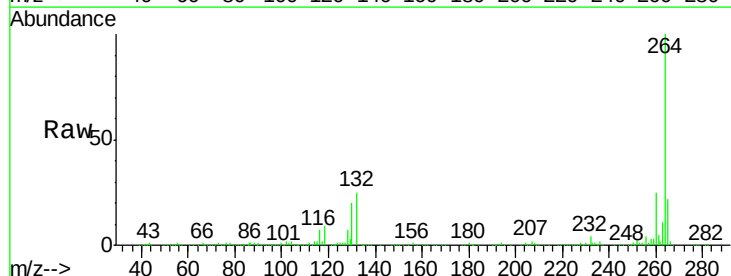
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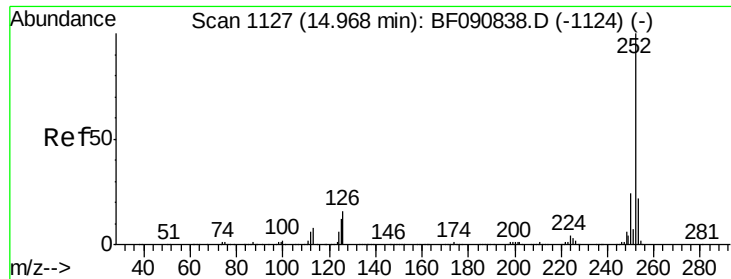
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Tgt Ion:264 Resp: 339966
 Ion Ratio Lower Upper
 264 100
 260 25.3 16.7 25.1#
 265 22.1 17.2 25.8





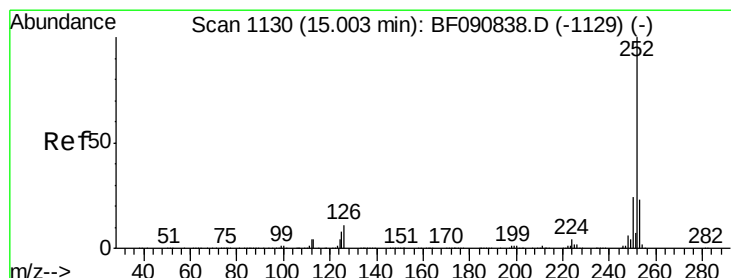
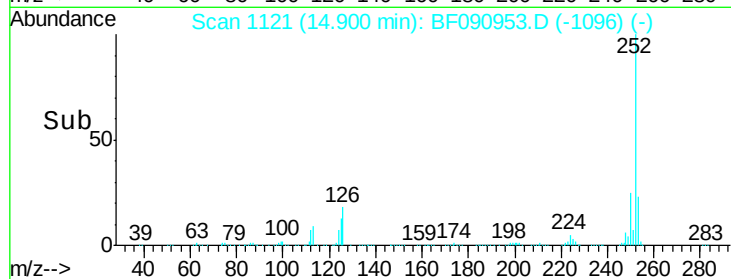
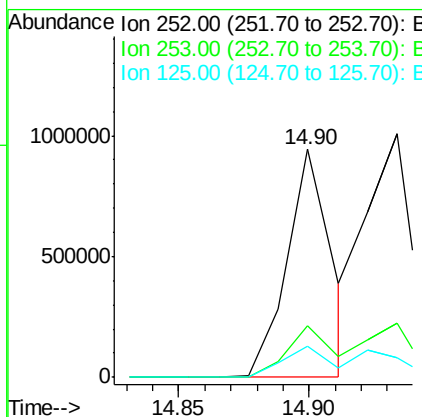
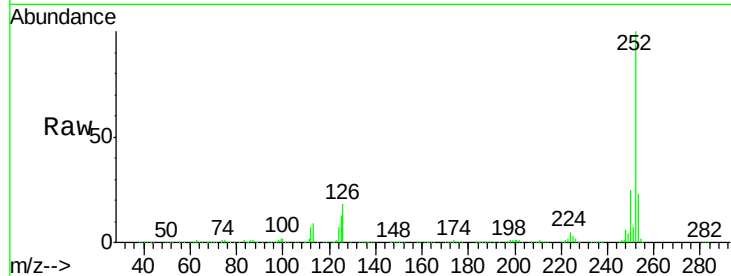
#87
Benzo(b)fluoranthene
Concen: 48.65 ng
RT: 14.90 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.4	17.1	25.7

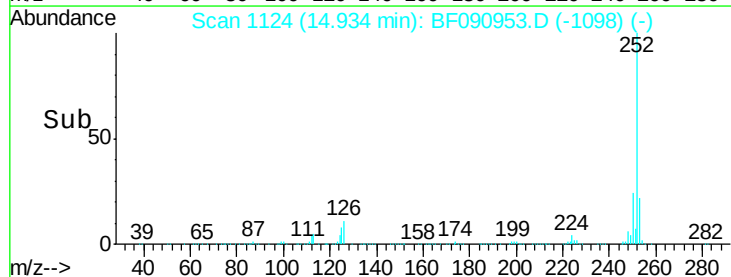
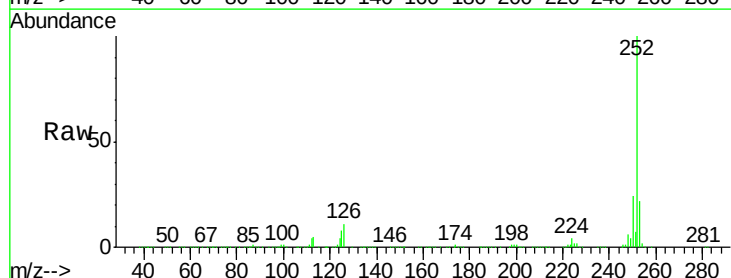
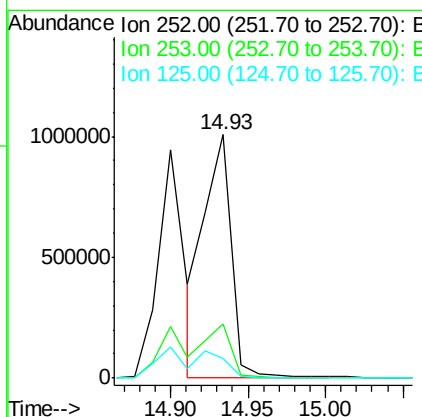
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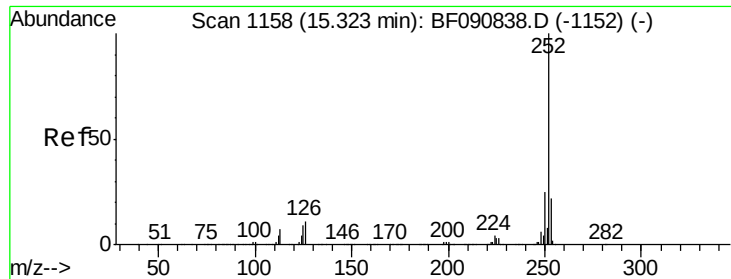
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#88
Benzo(k)fluoranthene
Concen: 68.28 ng m
RT: 14.93 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	7.9	16.0	24.0





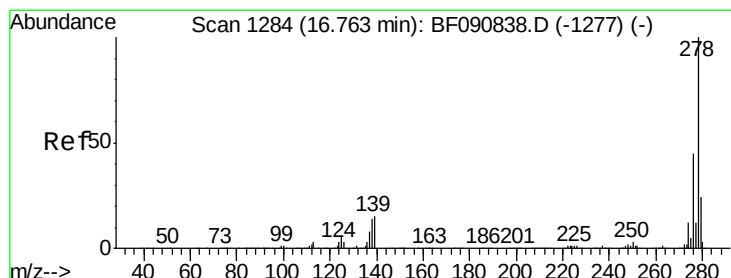
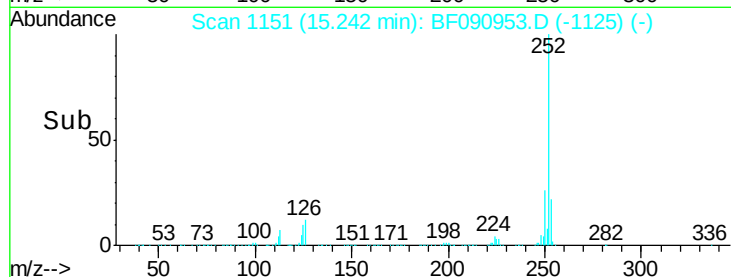
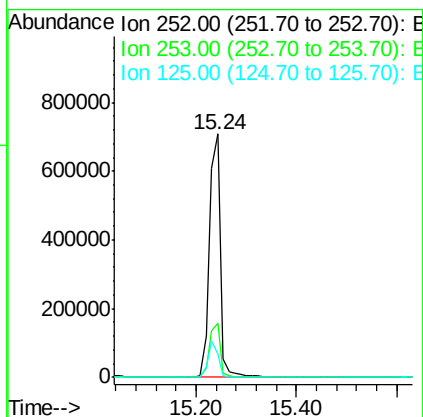
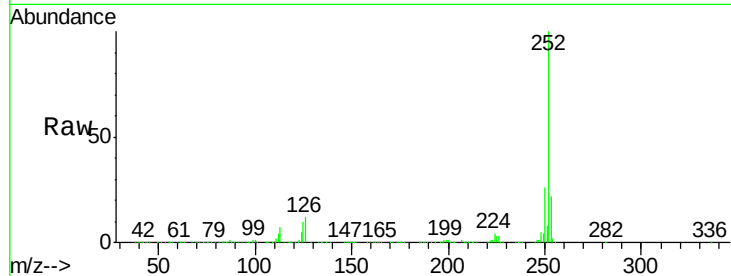
#89
Benzo(a)pyrene
Concen: 53.96 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Instrument :
BNA_F
ClientSampleId :
SB-70-0.5-1.0MS

Tot Ion:252 Resp: 1059924
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 9.5 18.0 27.0#

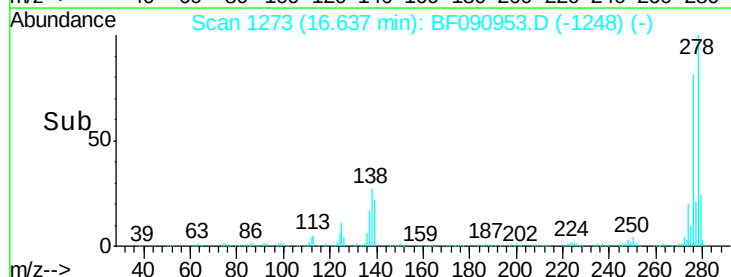
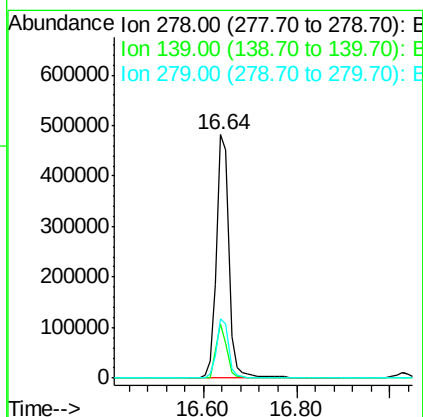
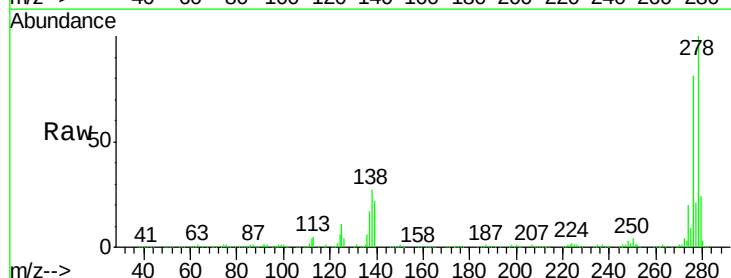
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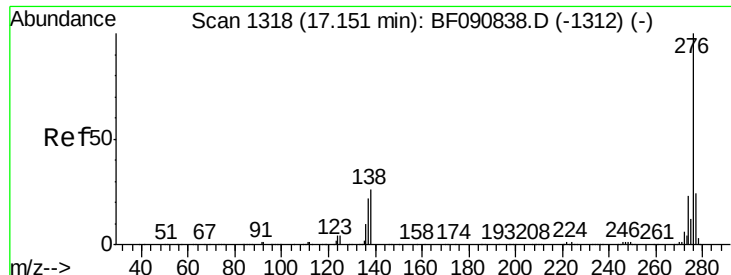
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#90
Dibenzo(a,h)anthracene
Concen: 54.49 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF090953.D
Acq: 1 Nov 2016 16:21

Tgt Ion:278 Resp: 906064
Ion Ratio Lower Upper
278 100
139 22.4 26.3 39.5#
279 24.4 18.2 27.4





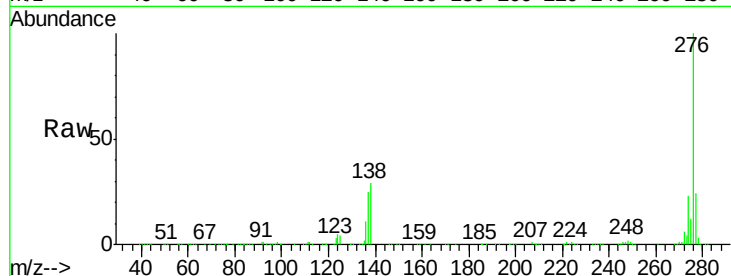
#91
 Benzo(a,h,i)perylene
 Concen: 53.33 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF090953.D
 Acq: 1 Nov 2016 16:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-70-0.5-1.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
835144	276	100			
	277	23.7		17.8	26.6
	138	29.4		34.6	51.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

