

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110116\
 Data File : BF090954.D
 Acq On : 1 Nov 2016 16:48
 Operator : UM/SJ
 Sample : H5489-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Umangi
 11/2/2016 5:41:42 PM

Quant Time: Nov 02 01:26:54 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	166897	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	727885	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	387872	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	611802	20.00	ng	0.00
75) Chrysene-d12	13.89	240	506335	20.00	ng	-0.01
86) Perylene-d12	15.29	264	330055	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1305360	136.75	ng	0.01
7) Phenol-d6	6.38	99	1600153	124.25	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1104868	99.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	407244	102.17	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1652752	74.82	ng	-0.01
78) Terphenyl-d14	12.84	244	1651030	82.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	180737	37.03	ng	87
3) Pyridine	3.01	79	499150	37.70	ng	# 76
4) n-Nitrosodimethylamine	2.97	42	210587	56.50	ng	# 79
6) Aniline	6.40	93	510134	34.68	ng	# 1
8) 2-Chlorophenol	6.52	128	502156	42.64	ng	86
9) Benzaldehyde	6.28	77	68926	10.36	ng	# 75
10) Phenol	6.40	94	560444	39.49	ng	# 22
11) bis(2-Chloroethyl)ether	6.48	93	496008	42.24	ng	98
12) 1,3-Dichlorobenzene	6.68	146	482396	40.05	ng	# 94
13) 1,4-Dichlorobenzene	6.75	146	489557	38.65	ng	# 89
14) 1,2-Dichlorobenzene	6.91	146	505402m	41.62	ng	
15) Benzyl Alcohol	6.89	79	417263	49.33	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.02	45	704302	60.28	ng	77
17) 2-Methylphenol	7.01	107	412851	46.09	ng	# 81
18) Hexachloroethane	7.25	117	204343	44.33	ng	# 79
19) n-Nitroso-di-n-propylamine	7.16	70	390582	52.46	ng	# 70
20) 3+4-Methylphenols	7.16	107	500550	48.27	ng	# 71
22) Acetophenone	7.15	105	686345	45.83	ng	# 83
24) Nitrobenzene	7.32	77	528182	44.91	ng	# 62
25) Isophorone	7.57	82	1084630	48.07	ng	# 91
26) 2-Nitrophenol	7.64	139	253613	40.25	ng	# 49
27) 2,4-Dimethylphenol	7.69	122	434051	42.55	ng	# 78
28) bis(2-Chloroethoxy)methane	7.78	93	613796	47.83	ng	# 93
29) 2,4-Dichlorophenol	7.89	162	389856	41.28	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	414333	37.96	ng	99
31) Naphthalene	8.04	128	1382087	40.62	ng	97
32) Benzoic acid	7.79	122	86439	11.67	ng	# 57
33) 4-Chloroaniline	8.10	127	308671	22.45	ng	# 85
34) Hexachlorobutadiene	8.17	225	228615	35.62	ng	98
35) Caprolactam	8.48	113	127571m	43.51	ng	
36) 4-Chloro-3-methylphenol	8.59	107	465066	45.28	ng	# 78
37) 2-Methylnaphthalene	8.74	142	926439	42.16	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	425803	40.02	ng	98
40) Hexachlorocyclopentadiene	8.90	237	383829	78.41	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	289285	42.11	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	293161	41.44	nq #	95
45) 1,1'-Biphenyl	9.21	154	1185898	42.45	nq	94
46) 2-Chloronaphthalene	9.23	162	931526	43.83	nq	93
47) 2-Nitroaniline	9.33	65	321748	53.65	nq	88
48) Acenaphthylene	9.64	152	1399443	43.49	nq	96
49) Dimethylphthalate	9.52	163	1550434	59.83	nq #	98
50) 2,6-Dinitrotoluene	9.57	165	235515	41.15	nq #	57
51) Acenaphthene	9.81	154	833100	37.59	nq	89
52) 3-Nitroaniline	9.74	138	176400	28.95	nq #	77
53) 2,4-Dinitrophenol	9.85	184	176881	58.71	nq #	33
54) Dibenzofuran	9.98	168	1176781	41.15	nq #	83
55) 4-Nitrophenol	9.92	139	304111	81.85	nq #	41
56) 2,4-Dinitrotoluene	9.97	165	281946	39.66	nq #	46
57) Fluorene	10.33	166	976245	41.67	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.11	232	244303	38.67	nq	95
59) Diethylphthalate	10.21	149	1143574	44.43	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	437854	38.29	nq	91
61) 4-Nitroaniline	10.36	138	252259	41.80	nq #	59
62) Azobenzene	10.48	77	1250124	49.39	nq #	82
64) 4,6-Dinitro-2-methylphenol	10.38	198	141652	34.92	nq	90
65) n-Nitrosodiphenylamine	10.44	169	799039	42.64	nq	90
66) 4-Bromophenyl-phenylether	10.81	248	255362	38.12	nq #	88
67) Hexachlorobenzene	10.88	284	317724	40.07	nq #	87
68) Atrazine	10.98	200	272861	47.07	nq	85
69) Pentachlorophenol	11.07	266	309743	72.82	nq	99
70) Phenanthrene	11.29	178	1421633	45.63	nq	95
71) Anthracene	11.33	178	1299981	39.63	nq	96
72) Carbazole	11.49	167	1195978	41.28	nq #	92
73) Di-n-butylphthalate	11.83	149	1619809	43.37	nq #	96
74) Fluoranthene	12.47	202	1287602	37.74	nq	98
76) Benzidine	12.59	184	347981	31.48	nq	98
77) Pyrene	12.69	202	1256166	39.20	nq	95
79) Butylbenzylphthalate	13.32	149	669639	46.06	nq #	80
80) Benzo(a)anthracene	13.88	228	1149703	42.78	nq	95
81) 3,3'-Dichlorobenzidine	13.85	252	249775	23.94	nq	98
82) Chrysene	13.92	228	1064988	39.18	nq	94
83) Bis(2-ethylhexyl)phthalate	13.88	149	896406	47.35	nq #	92
84) Di-n-octyl phthalate	14.50	149	1581434	49.74	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.63	276	789194	32.76	nq #	95
87) Benzo(b)fluoranthene	14.90	252	915664m	41.26	nq	
88) Benzo(k)fluoranthene	14.92	252	841264m	47.97	nq	
89) Benzo(a)pyrene	15.23	252	792670	41.57	nq #	91
90) Dibenzo(a,h)anthracene	16.64	278	673263	41.70	nq #	85
91) Benzo(g,h,i)perylene	17.03	276	619936	40.77	nq #	80

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

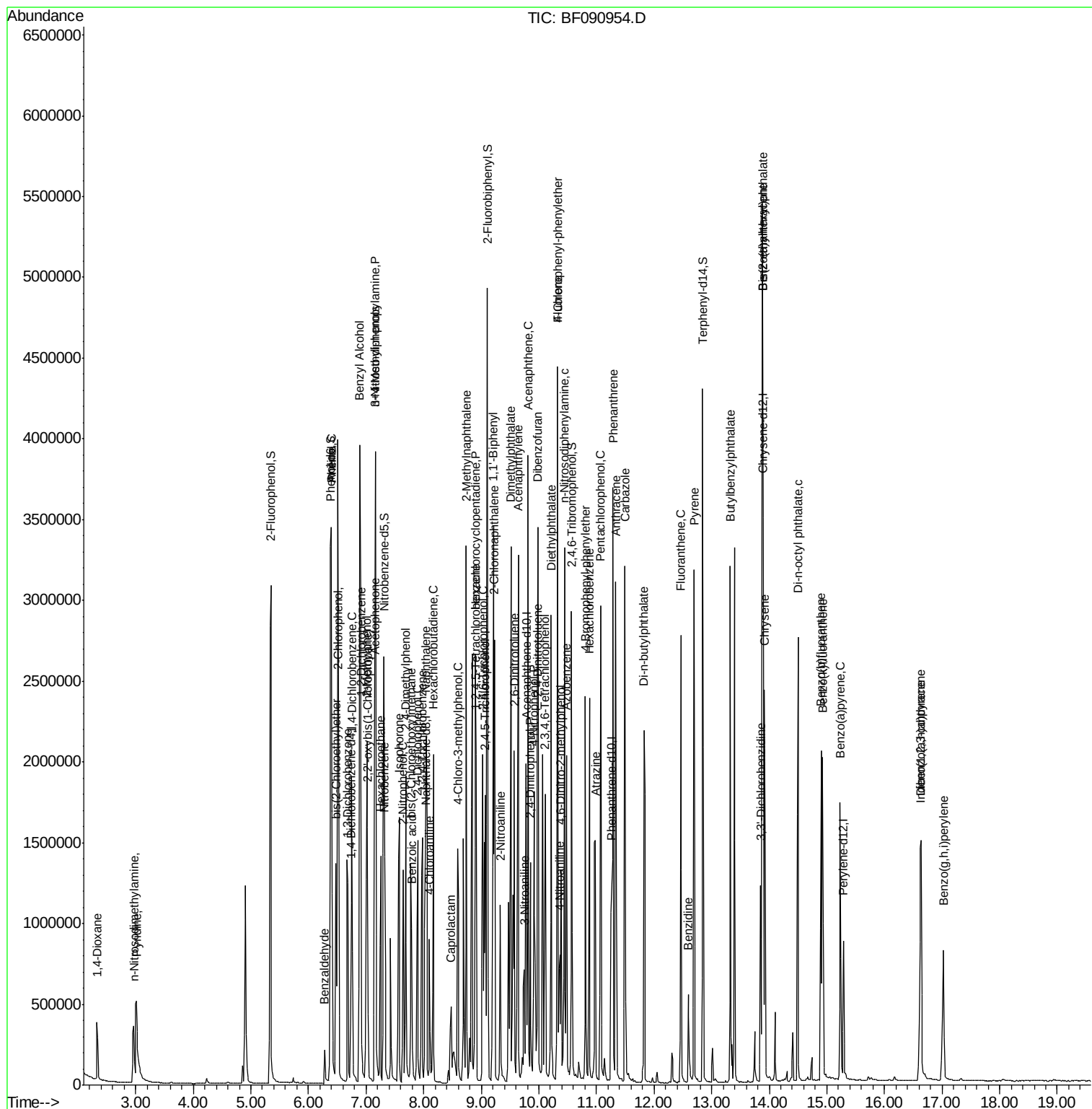
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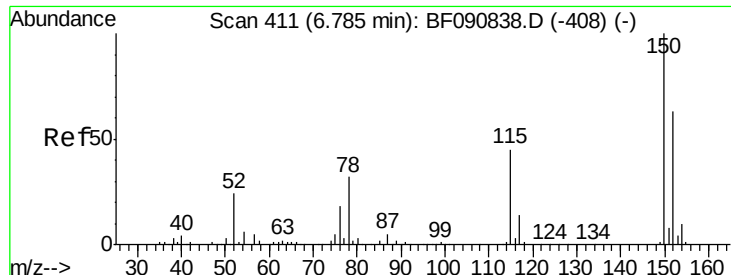
Instrument :
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#1

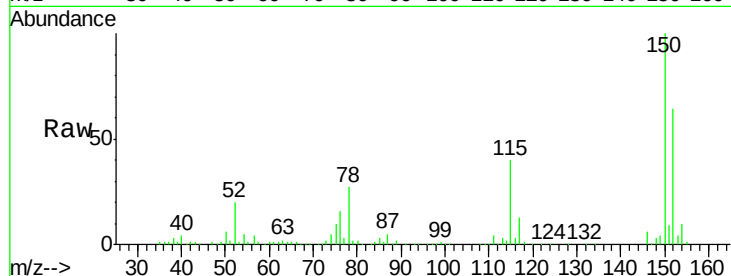
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.7	187.1
115	61.4	39.0	58.4

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Abundance

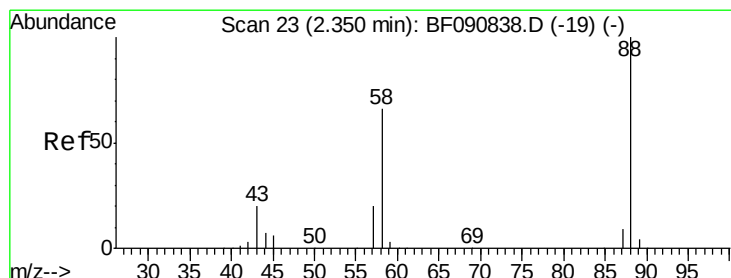
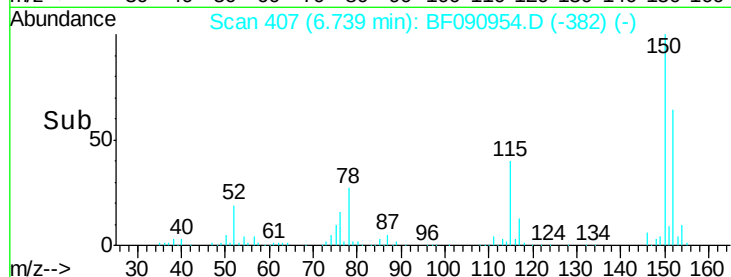
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

6.74

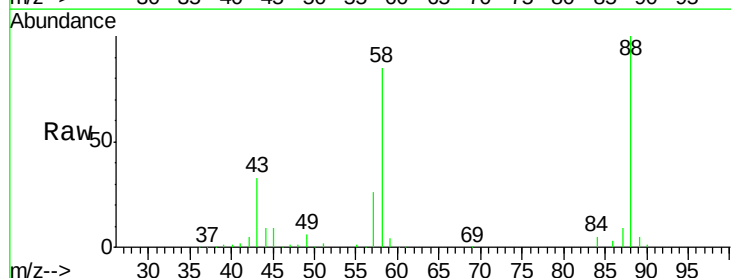
Time-->



#2

1,4-Dioxane
Concen: 37.03 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.0	77.7	116.5
43	32.2	26.6	40.0



Abundance

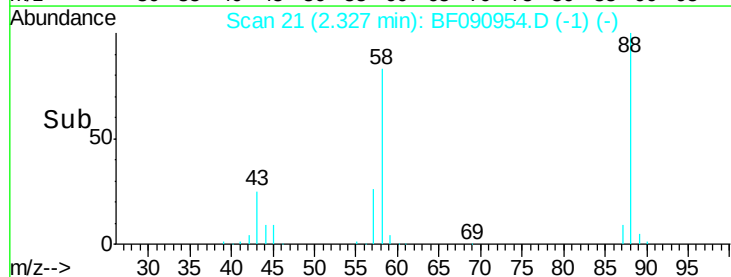
Ion 88.00 (87.70 to 88.70): BF0

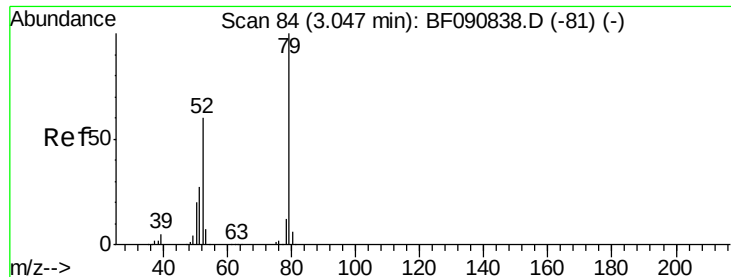
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

2.33

Time-->





#3

Pvridine

Concen: 37.70 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

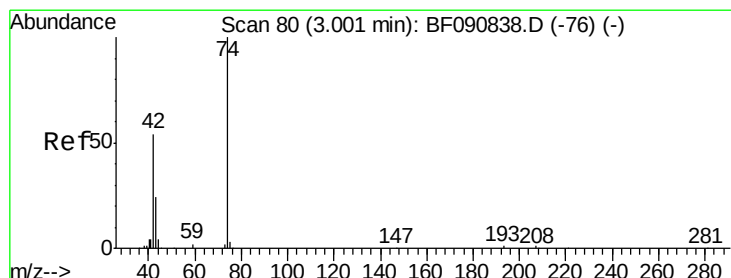
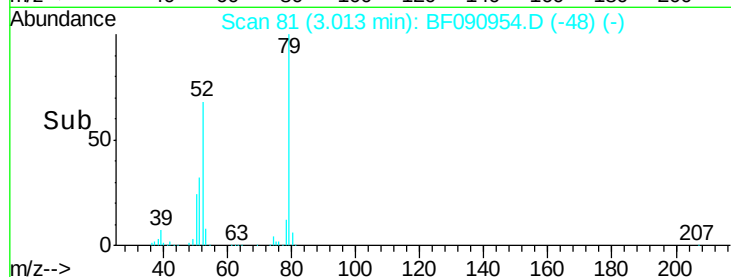
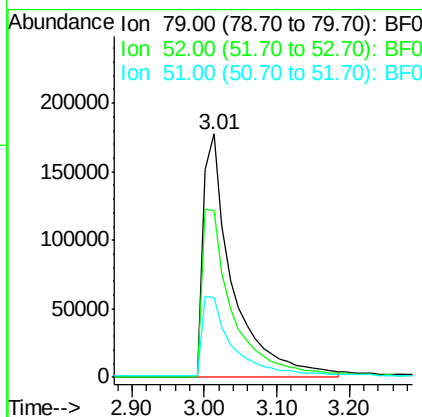
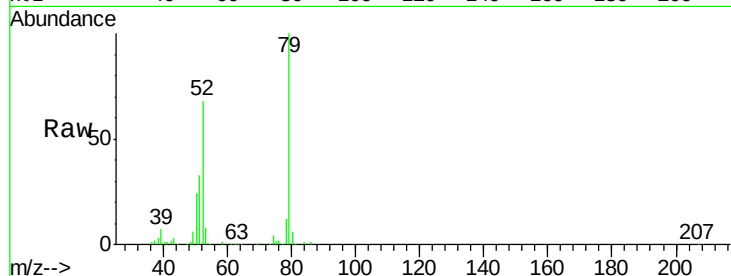
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:	79	Resp:	499150
Ion Ratio	Lower	Upper	
79	100		
52	68.3	76.8	115.2#
51	32.9	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 56.50 ng

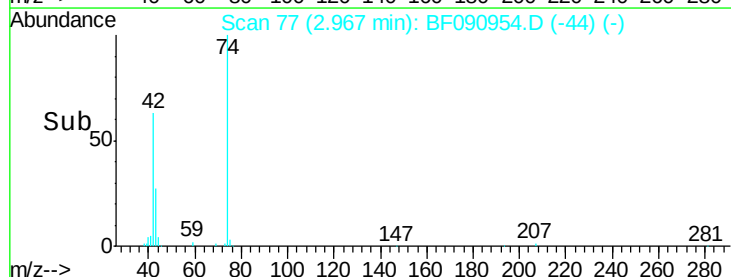
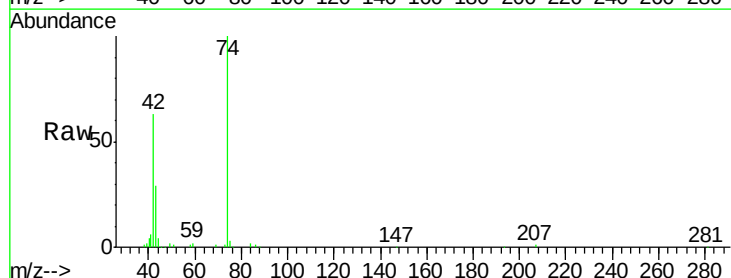
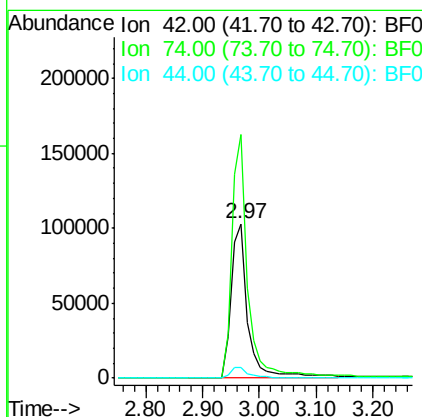
RT: 2.97 min Scan# 77

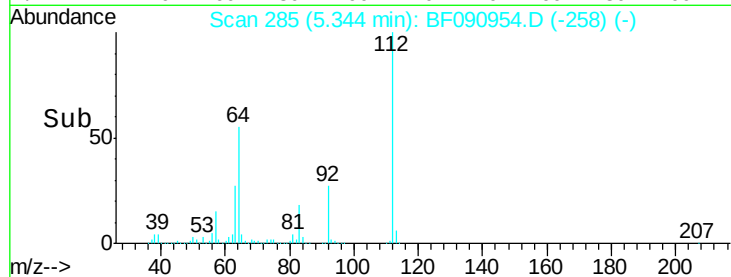
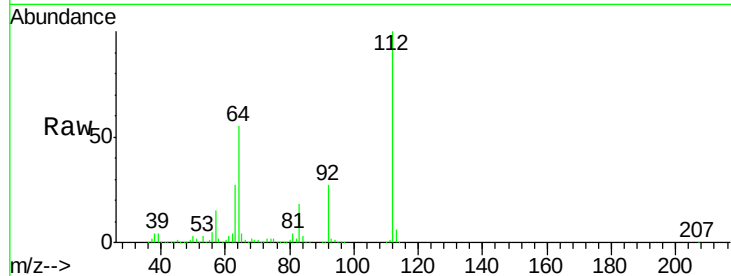
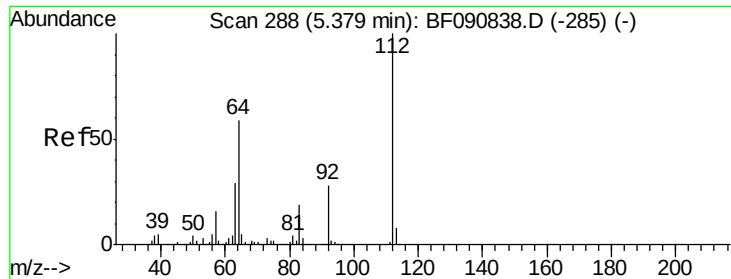
Delta R.T. 0.08 min

Lab File: BF090954.D

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Tgt Ion:	42	Resp:	210587
Ion Ratio	Lower	Upper	
42	100		
74	157.7	105.0	157.6#
44	7.0	6.6	10.0





#5

2-Fluorophenol

Concen: 136.75 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:112 Resp: 1305360

Ion Ratio Lower Upper

112 100

64 55.1 39.7 59.5

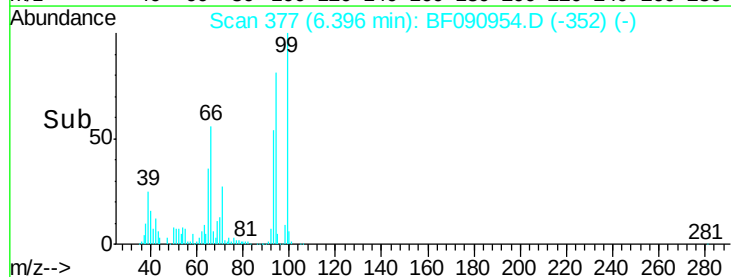
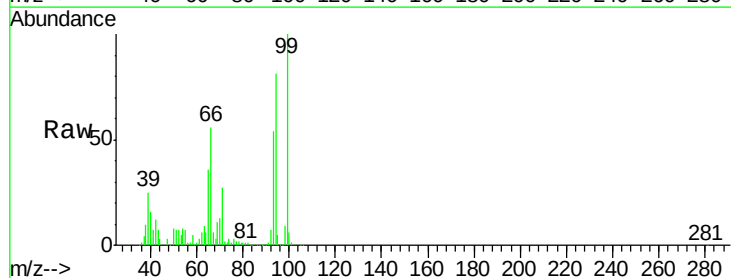
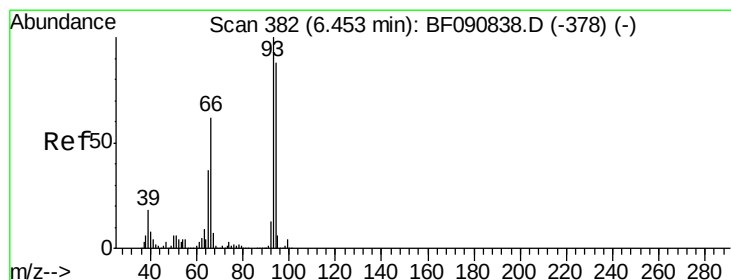
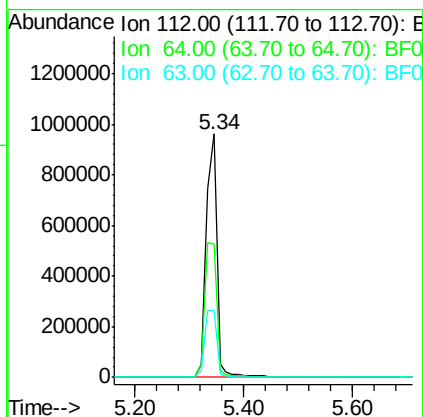
63 27.3 17.4 26.0#

Manual Integrations

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#6

Aniline

Concen: 34.68 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

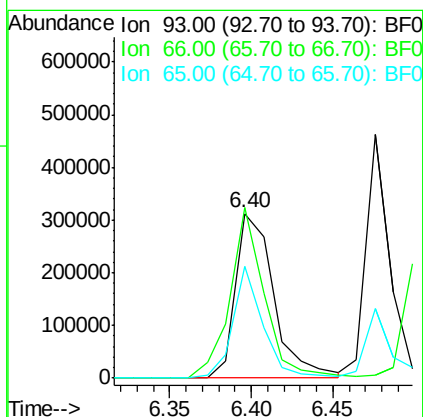
Tgt Ion: 93 Resp: 510134

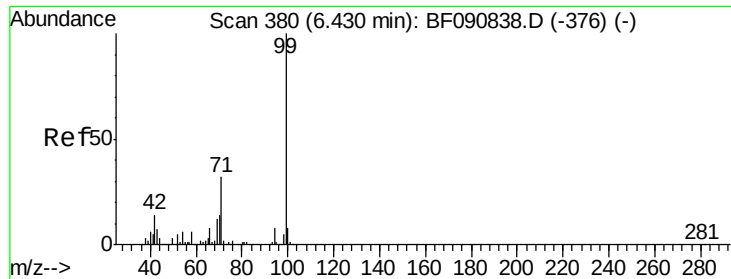
Ion Ratio Lower Upper

93 100

66 103.7 27.2 40.8#

65 67.5 14.7 22.1#





#7

Phenol-d6

Concen: 124.25 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion: 99 Resp: 1600153

Ion Ratio Lower Upper

99 100

42 17.2 13.7 20.5

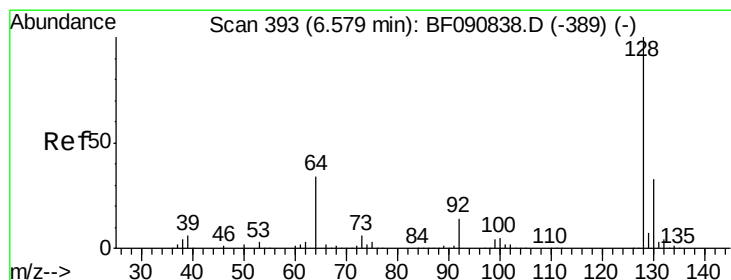
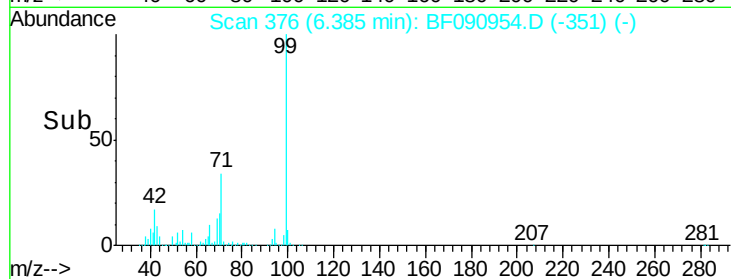
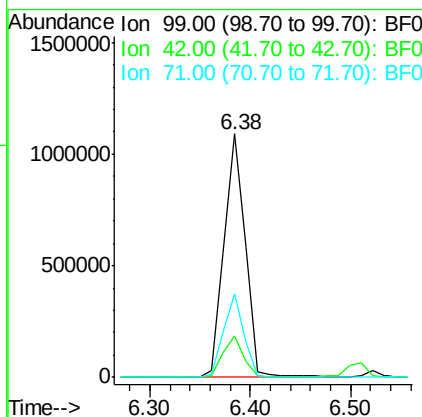
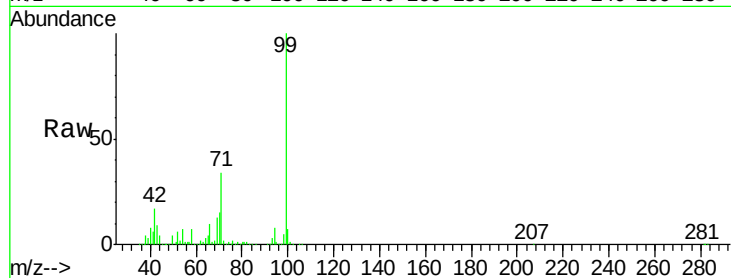
71 34.1 14.2 21.2#

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#8

2-Chlorophenol

Concen: 42.64 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

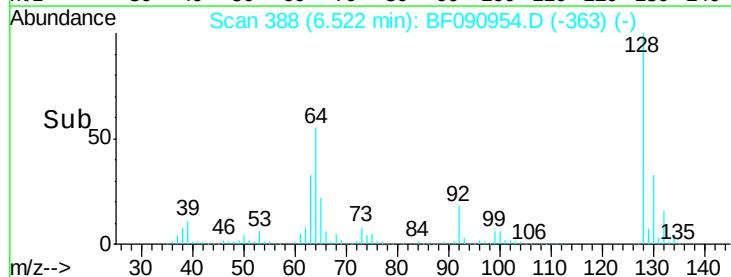
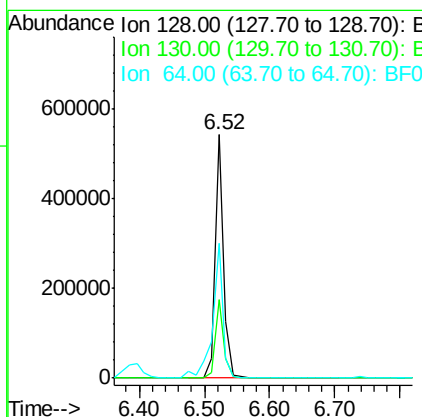
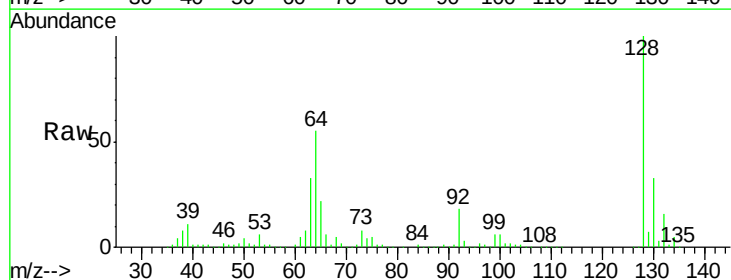
Tgt Ion: 128 Resp: 502156

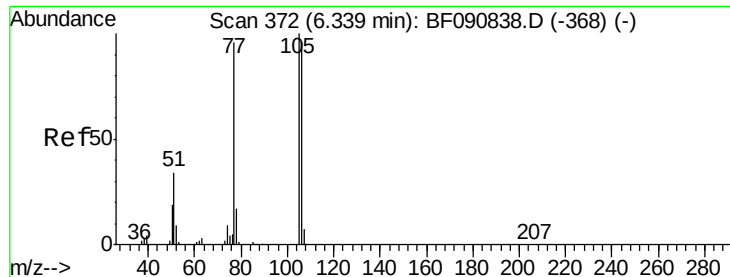
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 55.3 20.5 60.5





#9

Benzaldehyde

Concen: 10.36 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090954.D

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Instrument :

BNA_F

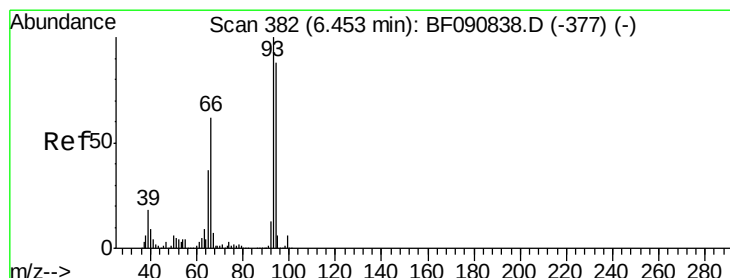
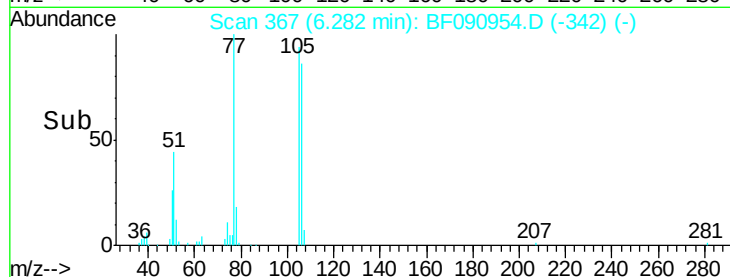
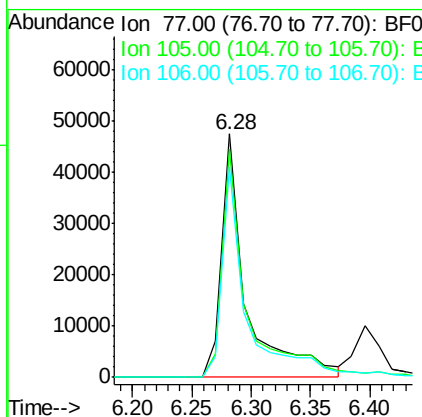
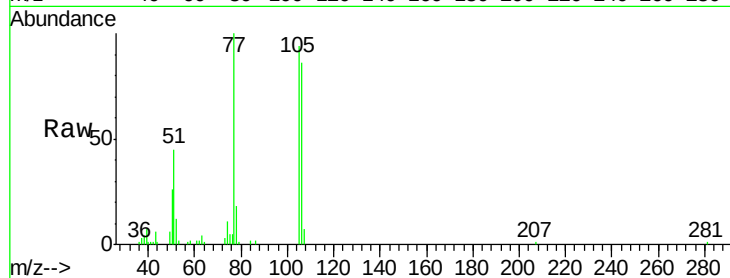
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	93.7	91.6	131.6		
106	86.4	102.6	142.6		

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#10

Phenol

Concen: 39.49 ng

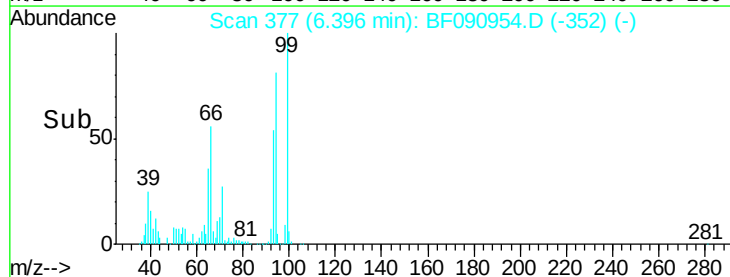
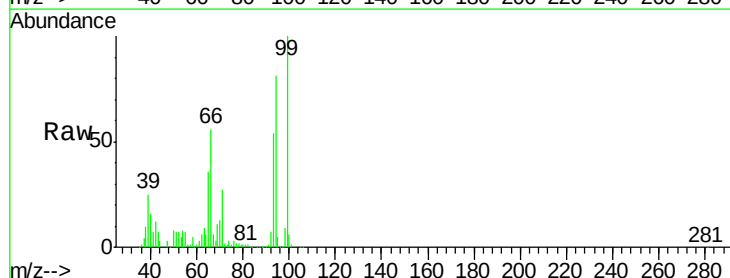
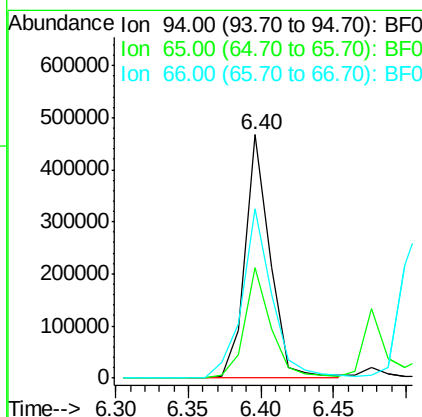
RT: 6.40 min Scan# 377

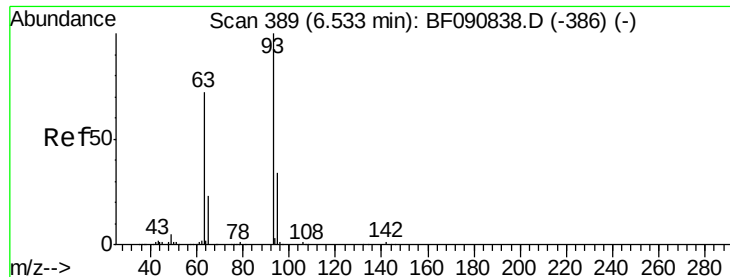
Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	45.2	0.7	40.7		
66	69.4	0.8	40.8		





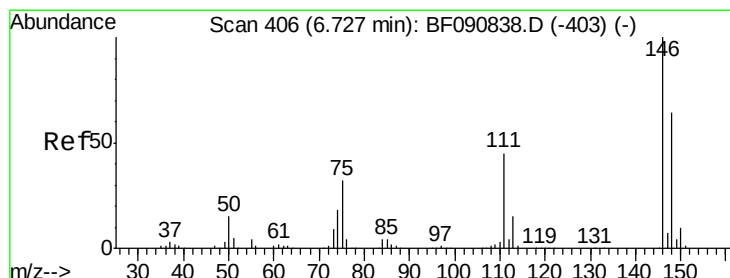
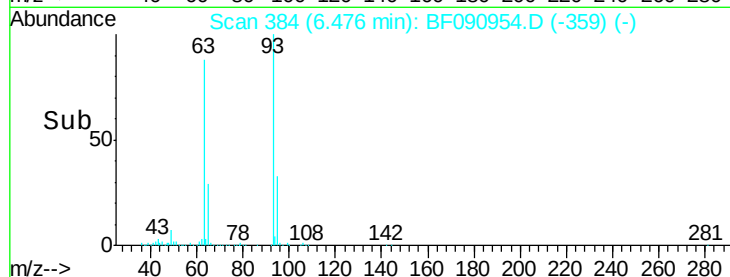
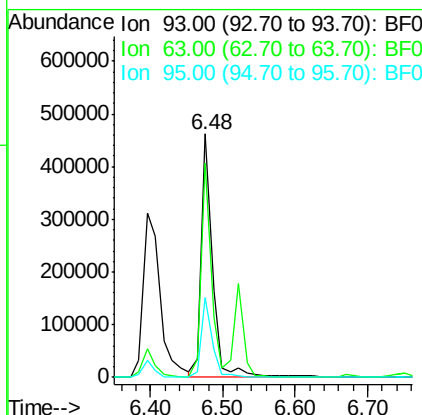
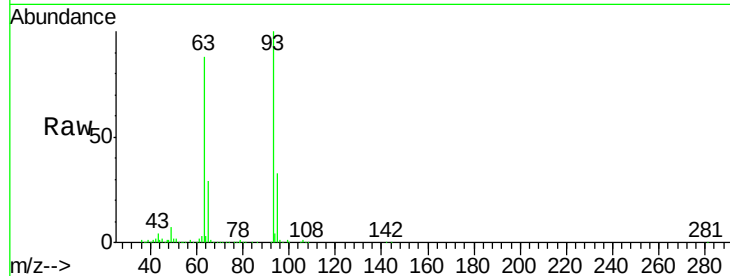
#11
bis(2-Chloroethyl)ether
Concen: 42.24 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	87.7	65.6	105.6
95	32.9	13.6	53.6

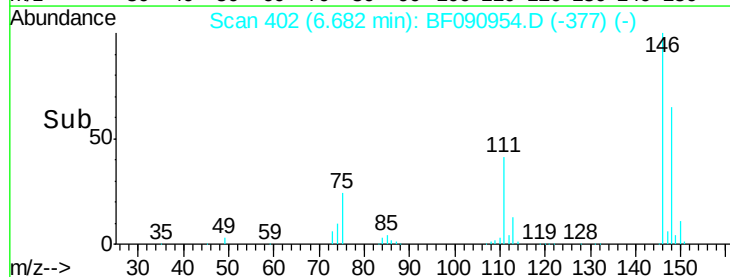
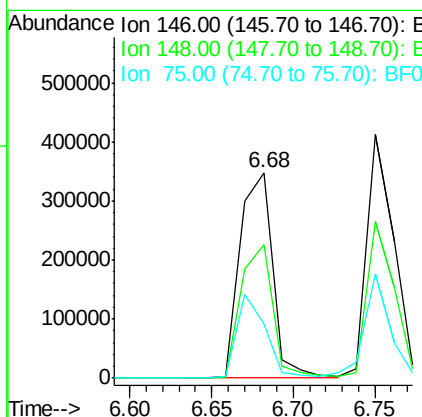
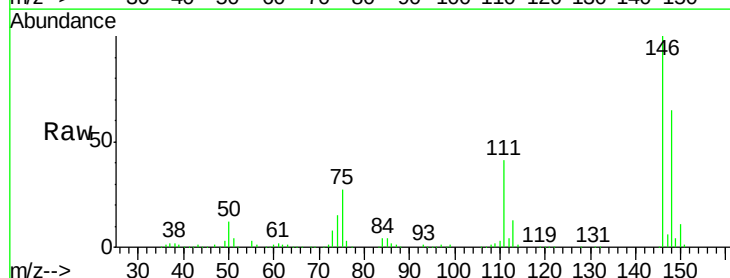
Manual Integrations
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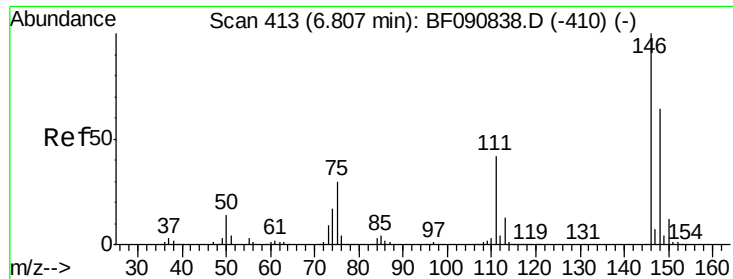
Umangi
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#12
1,3-Dichlorobenzene
Concen: 40.05 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.4
75	26.6	15.0	22.6





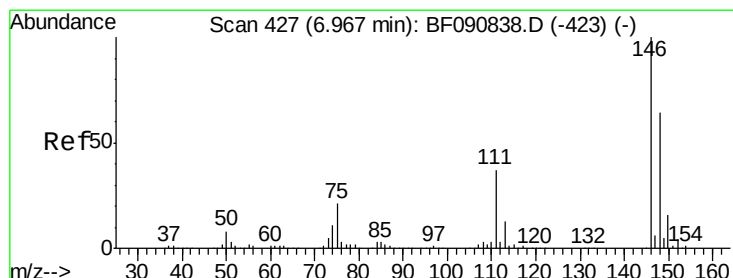
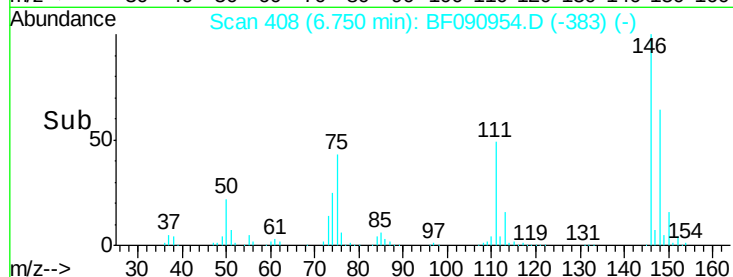
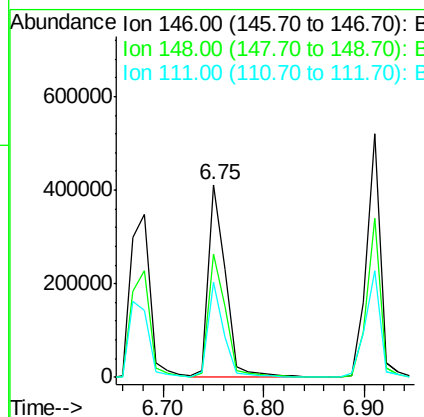
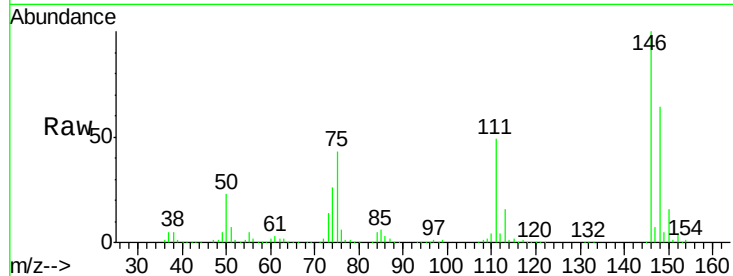
#13
 1,4-Dichlorobenzene
 Concen: 38.65 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	49.4	24.9	37.3

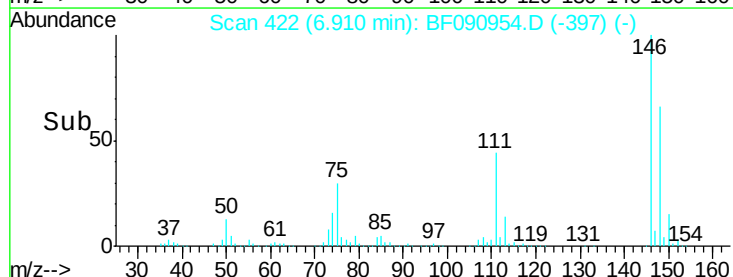
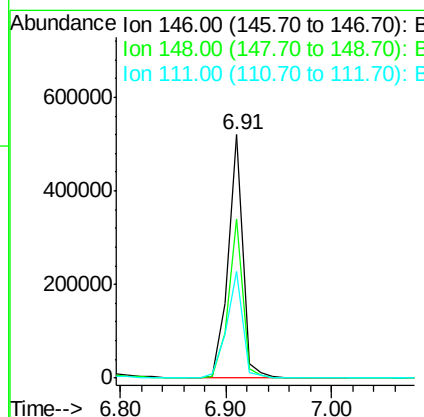
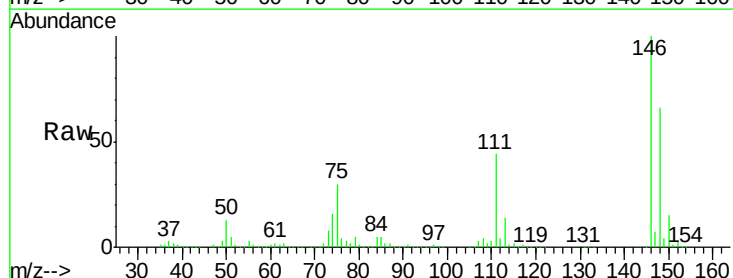
Manual Integrations
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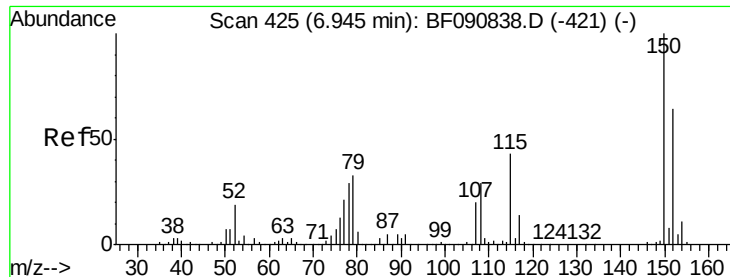
Umangi
 11/2/2016 5:41:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.62 ng m
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.7	79.1
111	43.6	28.8	43.2





#15

Benzyl Alcohol

Concen: 49.33 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion: 79 Resp: 417263

Ion Ratio Lower Upper

79 100

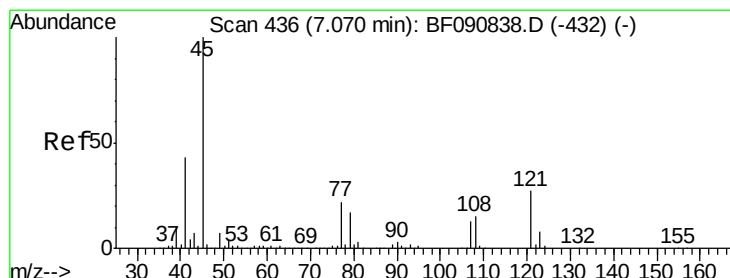
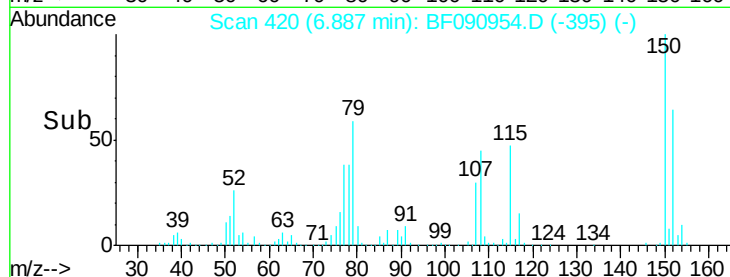
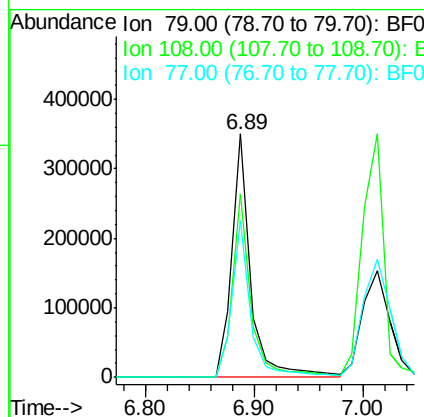
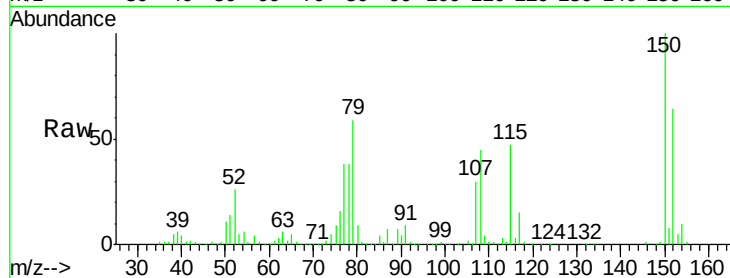
108 75.5 88.6 132.8#

77 64.2 47.0 70.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 60.28 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

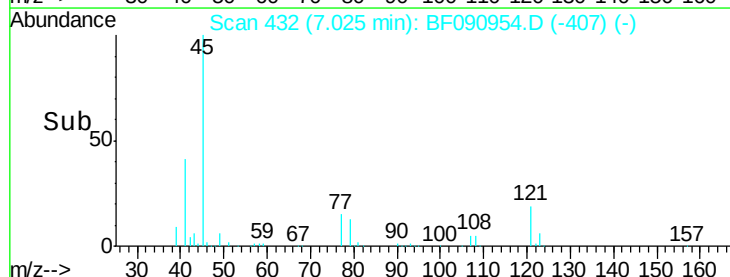
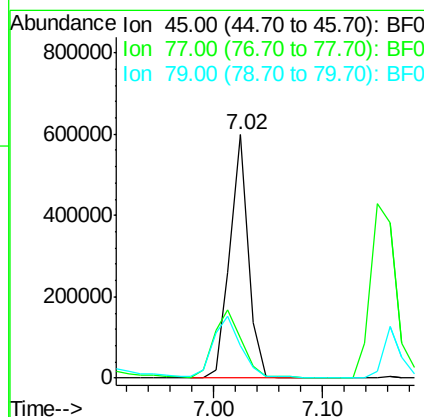
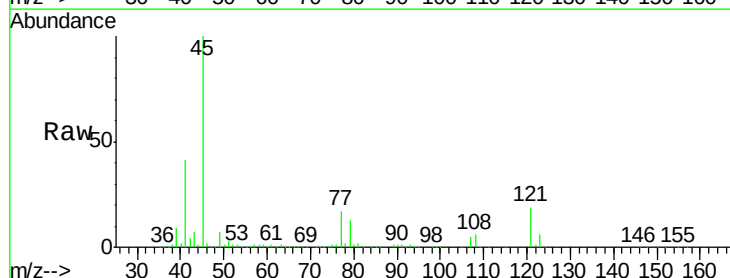
Tgt Ion: 45 Resp: 704302

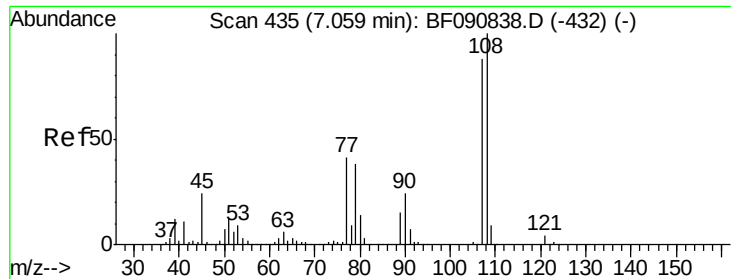
Ion Ratio Lower Upper

45 100

77 16.5 0.0 28.1

79 13.4 0.0 26.0





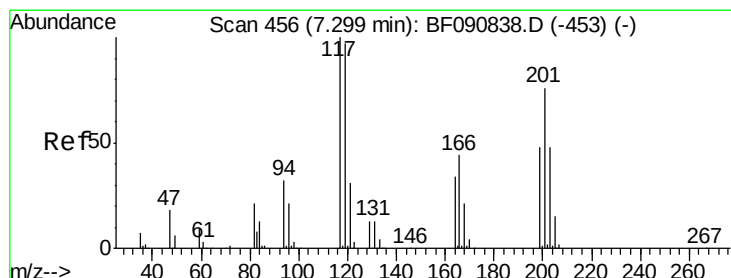
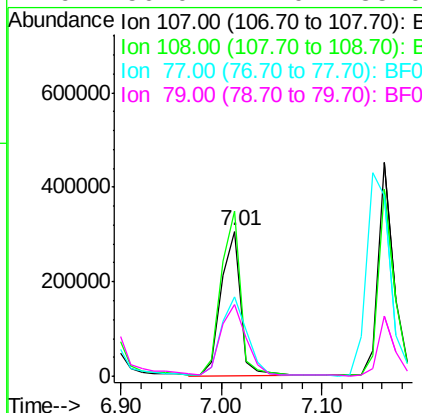
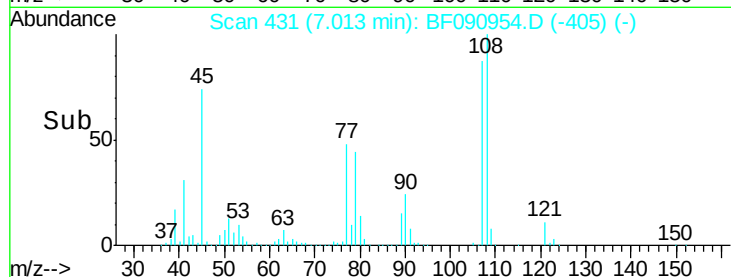
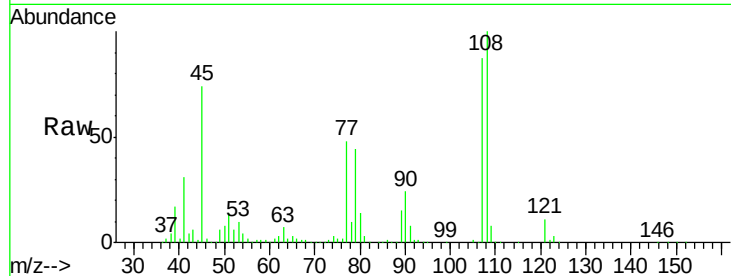
#17
2-Methylphenol
Concen: 46.09 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	96.6	145.0	
77	55.2	23.3	34.9	
79	50.0	22.0	33.0	

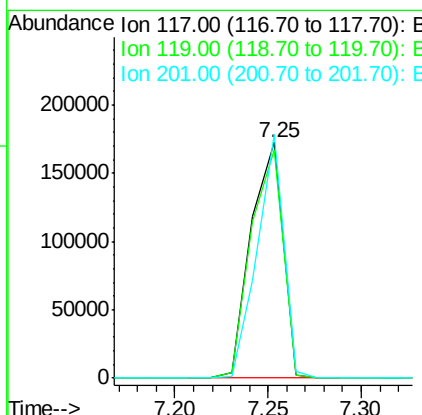
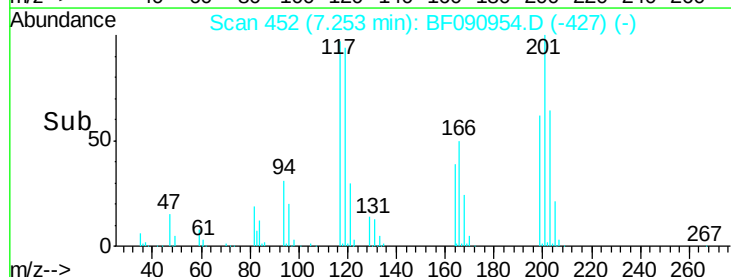
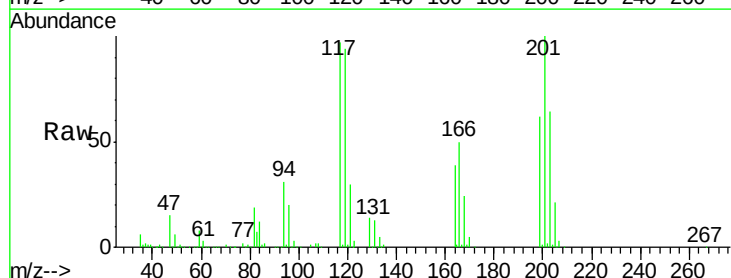
Manual Integrations
APPROVED

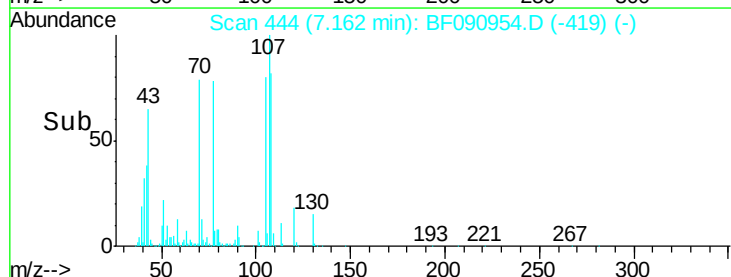
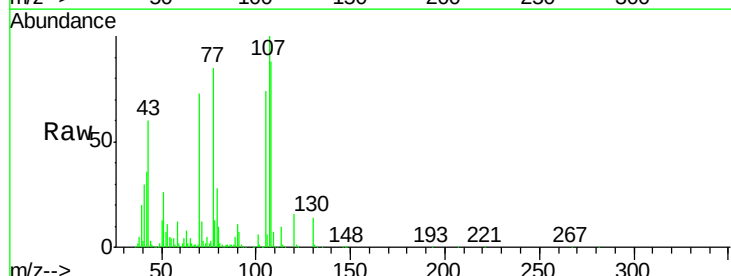
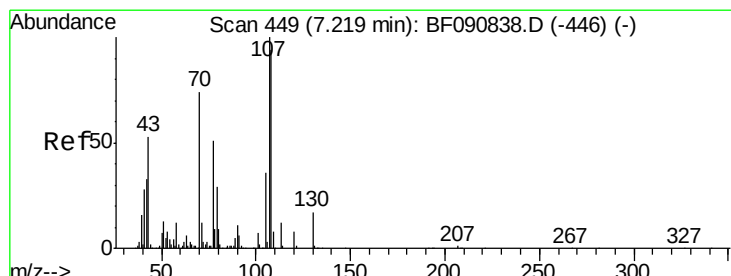
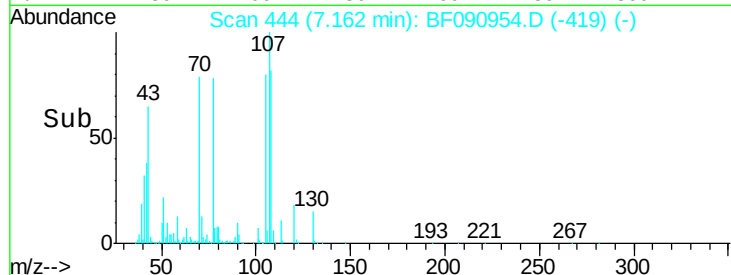
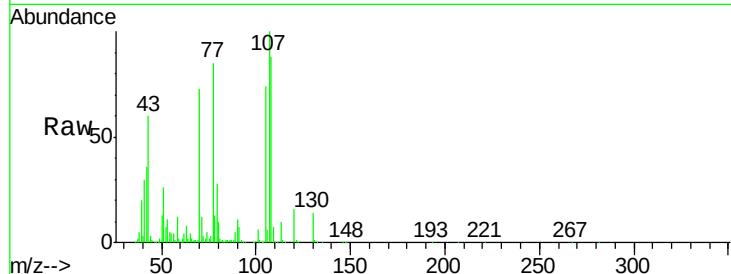
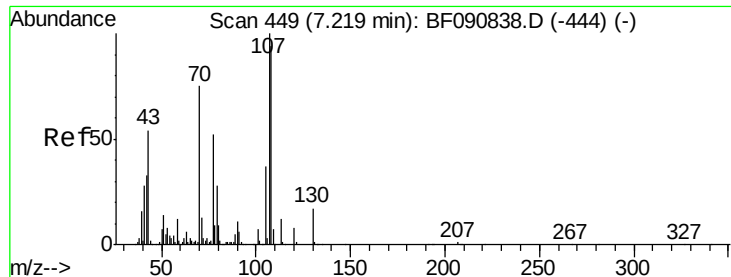
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#18
Hexachloroethane
Concen: 44.33 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	83.8	125.6	
201	103.3	55.1	82.7	





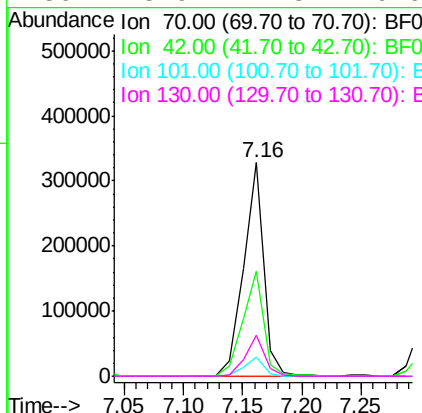
#19
n-Nitroso-di-n-propylamine
Concen: 52.46 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	49.0	63.8	95.6#
101	8.9	9.2	13.8#
130	18.9	27.3	40.9#

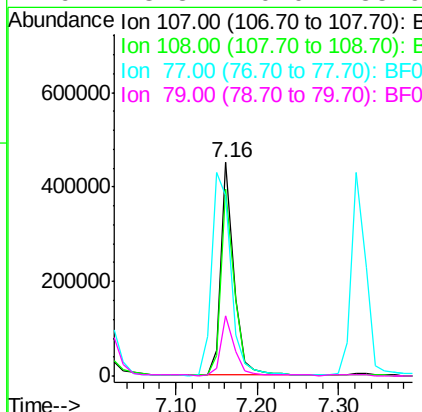
Manual Integrations
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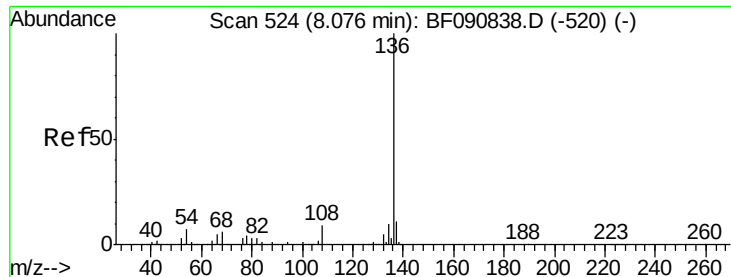
Umangi
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#20
3+4-Methylphenols
Concen: 48.27 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.6	74.6	114.6
77	84.5	0.7	40.7#
79	28.3	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: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

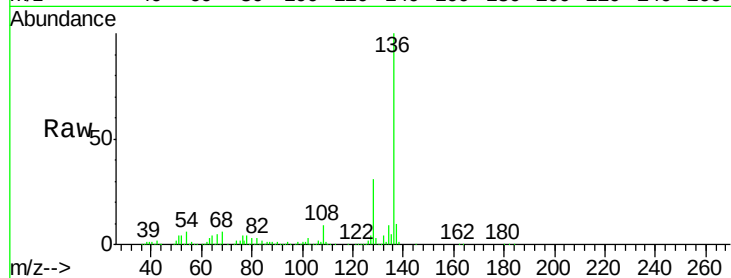
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	727885		
137	10.5		9.0	13.6
54	6.4		8.2	12.2#
68	5.8		5.8	8.6

Manual Integrations
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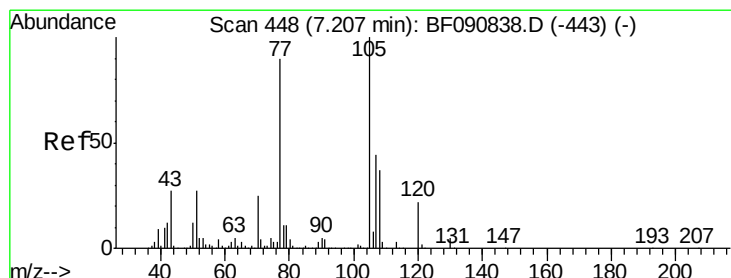
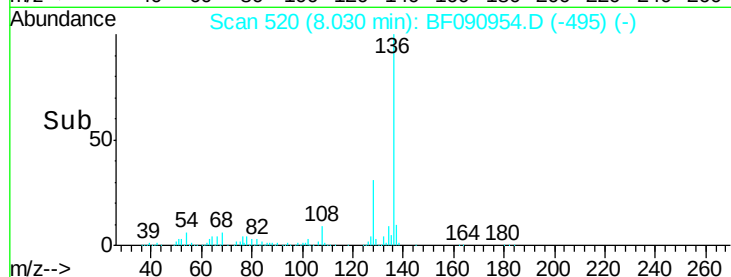
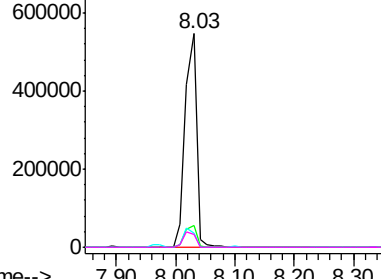
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.83 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	686345		
71	6.0		4.7	7.1
51	29.9		22.0	33.0
120	20.3		30.1	45.1#

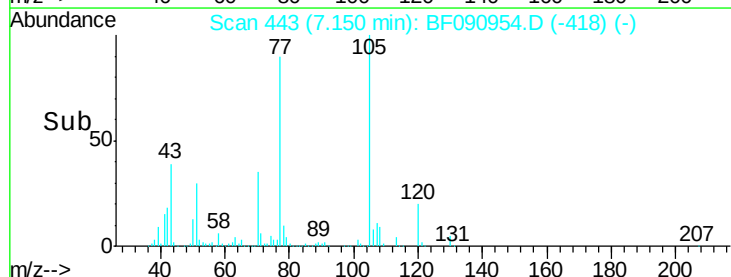
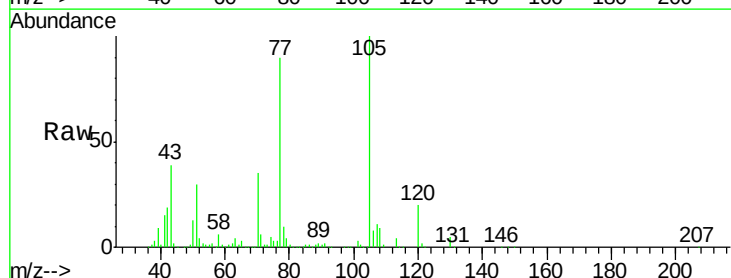
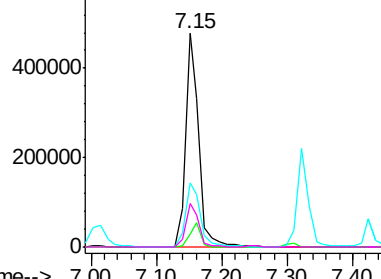
Abundance

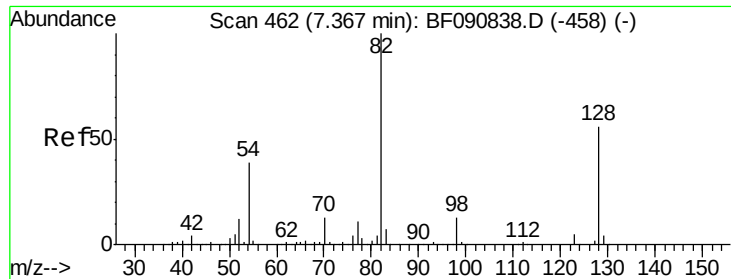
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





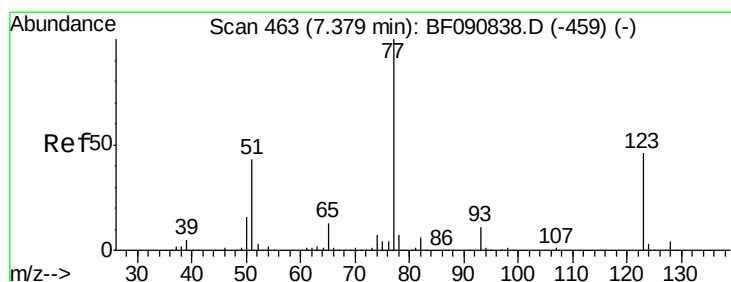
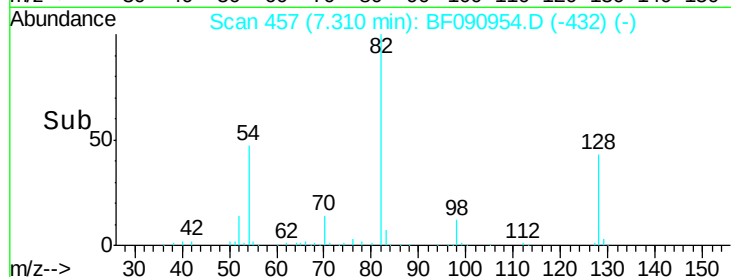
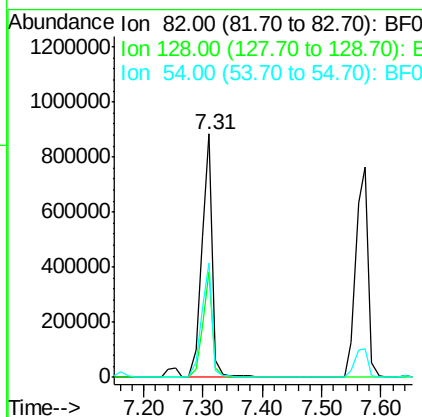
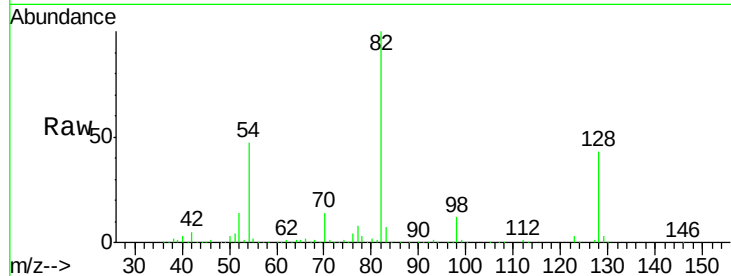
#23
 Nitrobenzene-d5
 Concen: 99.37 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion: 82 Resp: 1104868
 Ion Ratio Lower Upper
 82 100
 128 43.3 51.0 76.6#
 54 46.8 47.5 71.3#

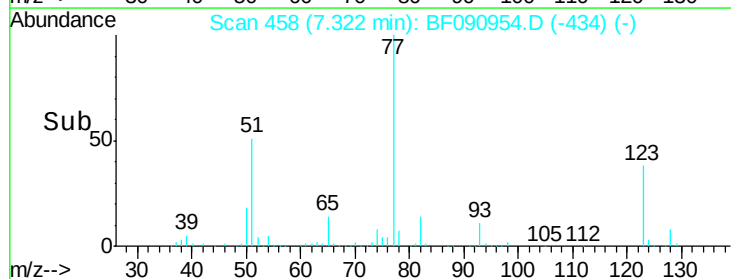
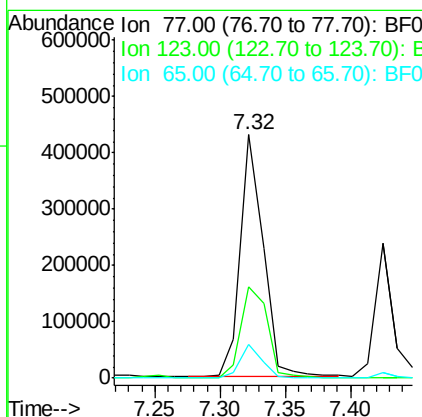
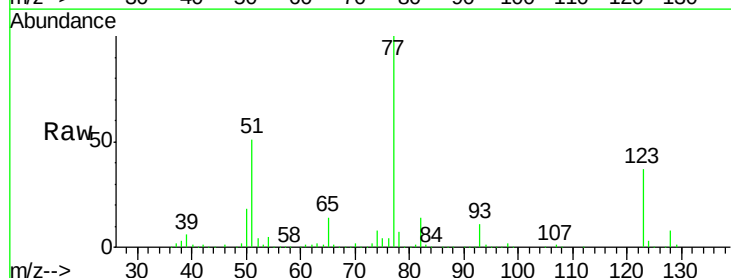
Manual Integrations
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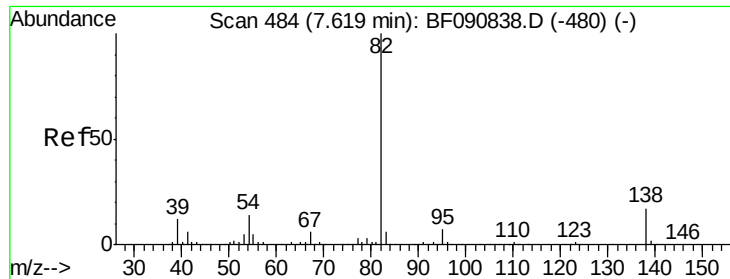
Umangi
 11/2/2016 5:41:42 PM



#24
 Nitrobenzene
 Concen: 44.91 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.02 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion: 77 Resp: 528182
 Ion Ratio Lower Upper
 77 100
 123 37.4 59.8 89.8#
 65 13.9 10.2 15.4





#25

Isophorone

Concen: 48.07 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion: 82 Resp: 1084630

Ion Ratio Lower Upper

82 100

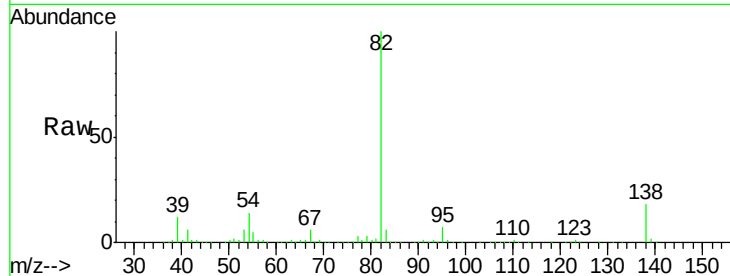
95 6.9 4.0 6.0#

138 18.1 18.3 27.5#

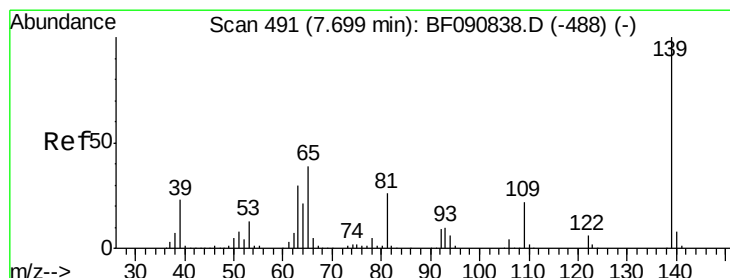
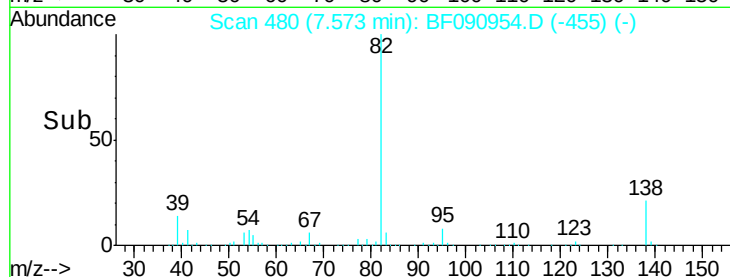
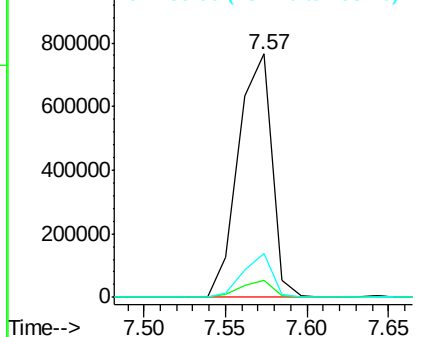
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 40.25 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

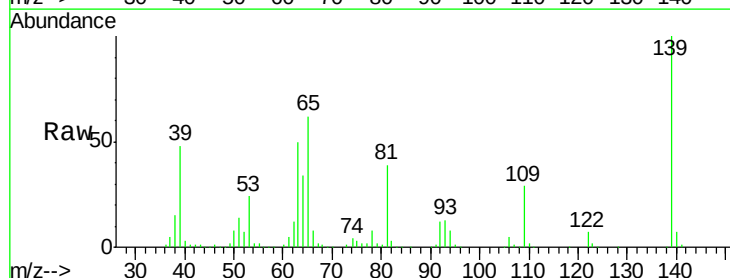
Tgt Ion: 139 Resp: 253613

Ion Ratio Lower Upper

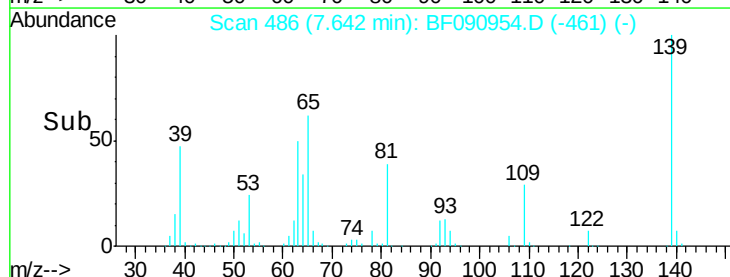
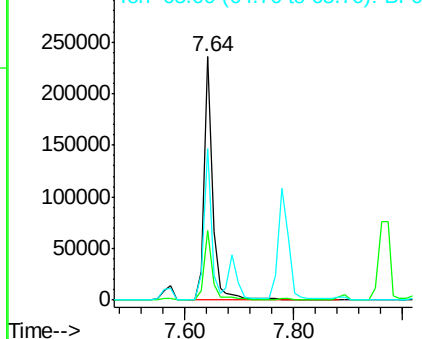
139 100

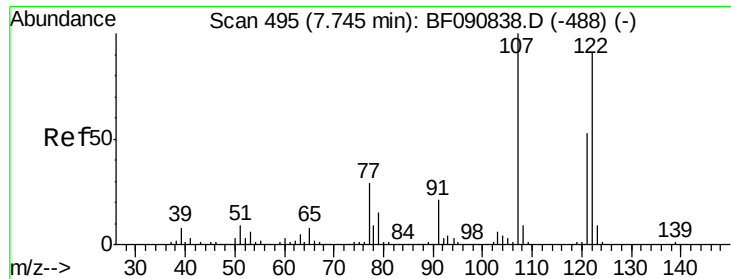
109 28.7 11.0 16.4#

65 62.3 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





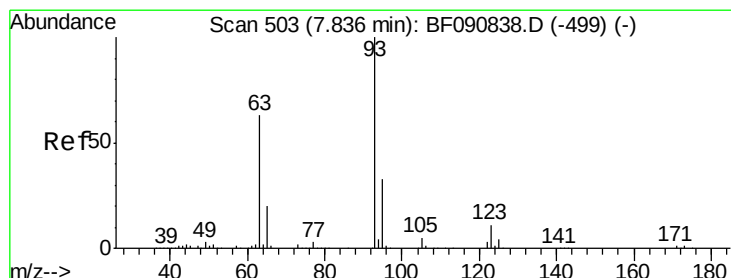
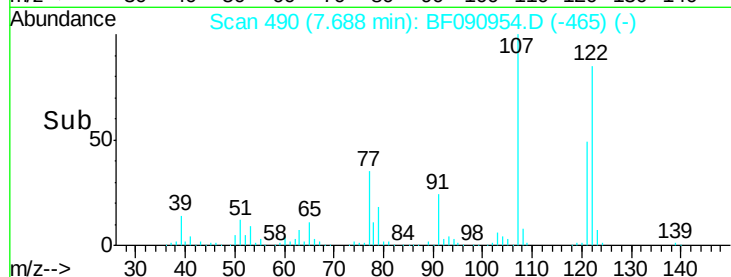
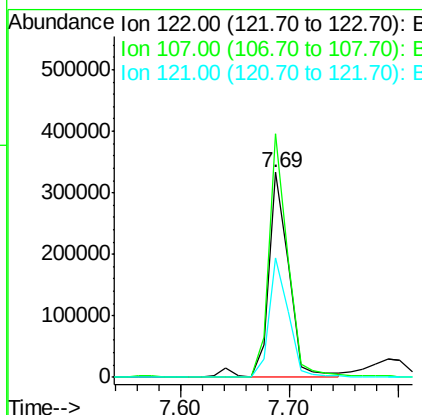
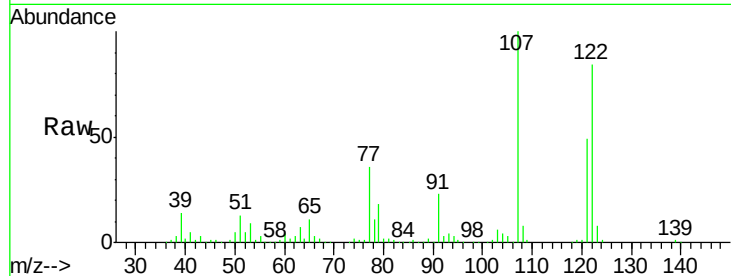
#27
 2,4-Dimethylphenol
 Concen: 42.55 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	71.8	107.6#
121	58.4	42.3	63.5

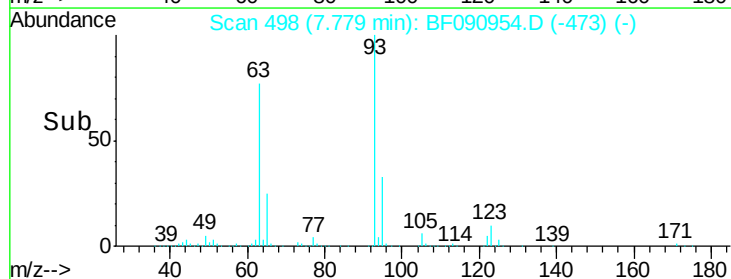
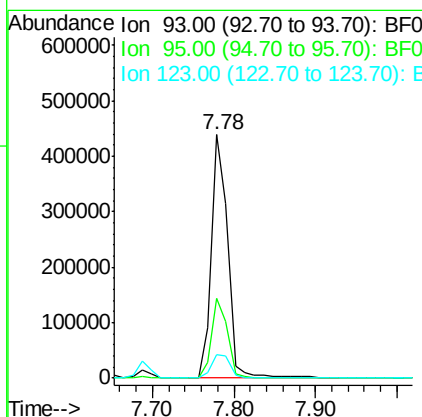
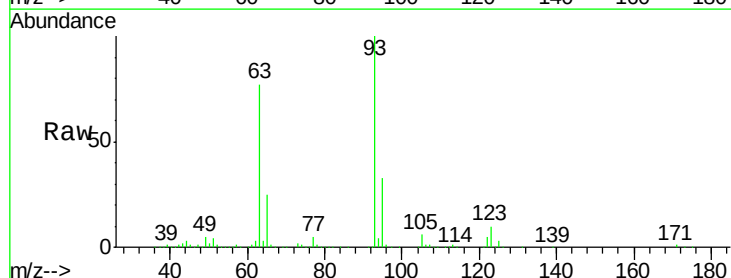
Manual Integrations
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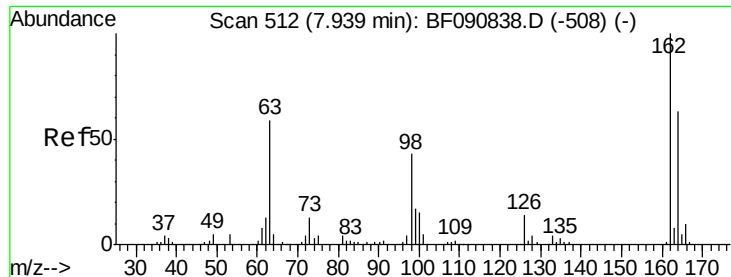
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#28
 bis(2-Chloroethoxy)methane
 Concen: 47.83 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.5	41.3
123	9.7	13.7	20.5#





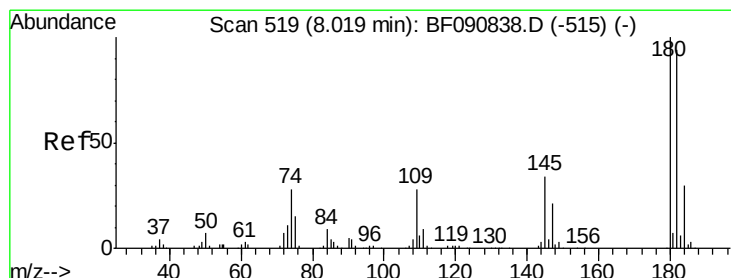
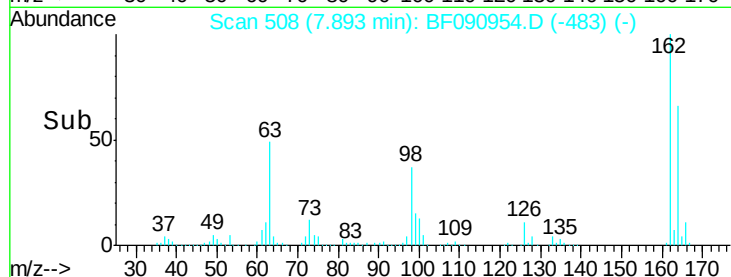
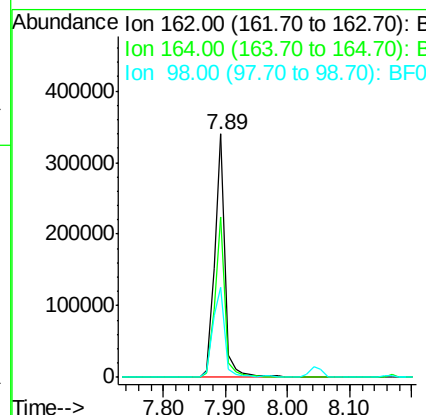
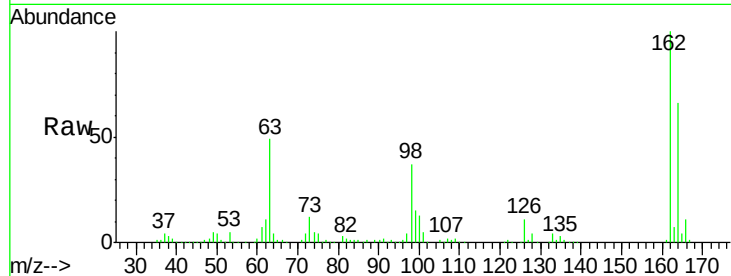
#29
2,4-Dichlorophenol
Concen: 41.28 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	389856		
164	66.1	44.9	84.9	
98	37.1	13.0	53.0	

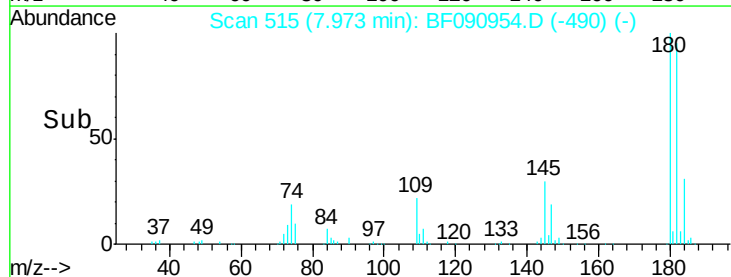
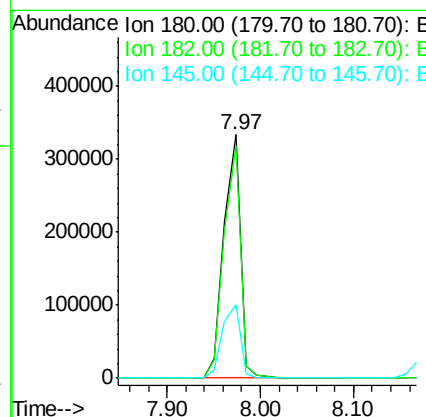
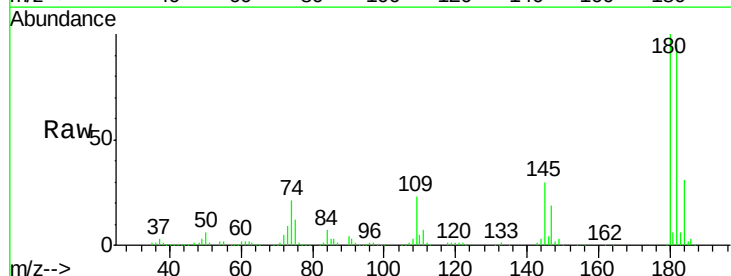
Manual Integrations
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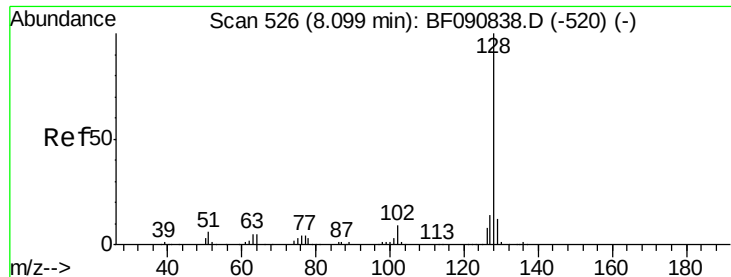
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#30
1,2,4-Trichlorobenzene
Concen: 37.96 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	414333		
182	95.2	77.1	115.7	
145	29.9	23.3	34.9	





#31

Naphthalene

Concen: 40.62 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:128 Resp: 1382087

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

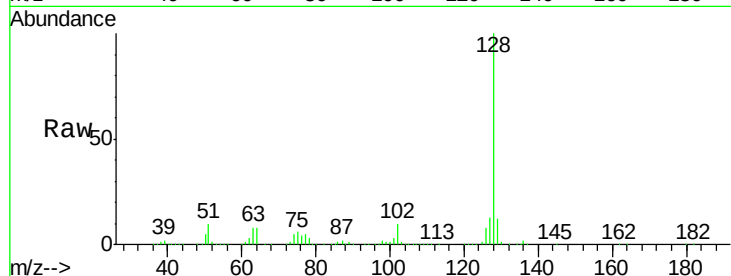
127 13.4 9.9 14.9

Manual Integrations

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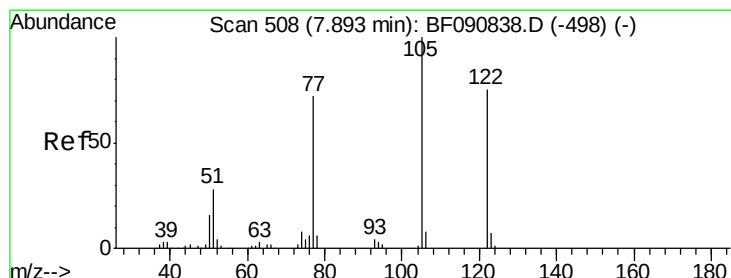
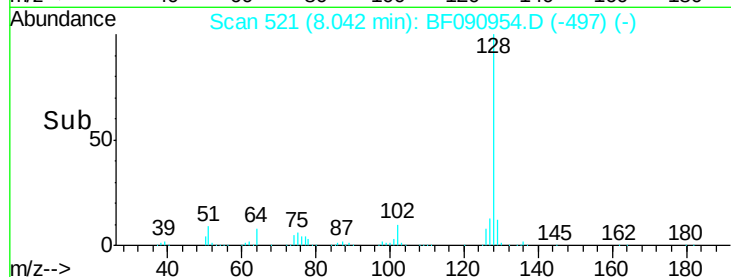
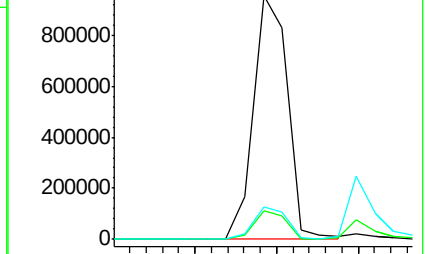
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 11.67 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.05 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

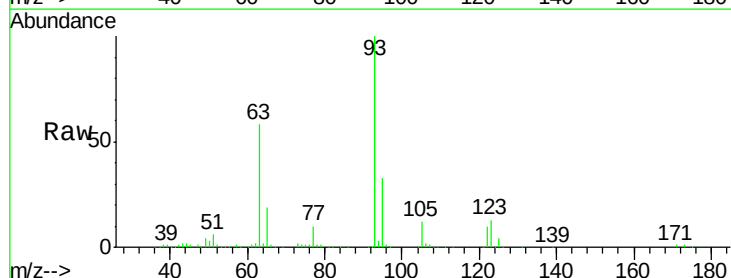
Tgt Ion:122 Resp: 86439

Ion Ratio Lower Upper

122 100

105 126.8 76.1 116.1#

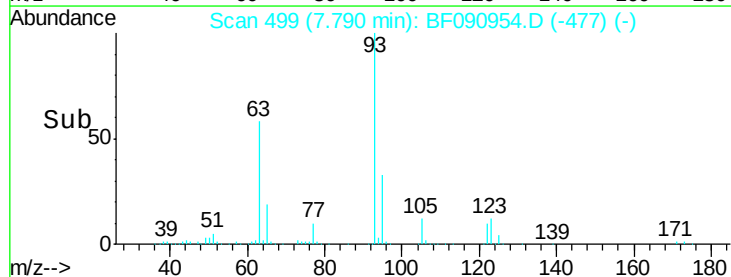
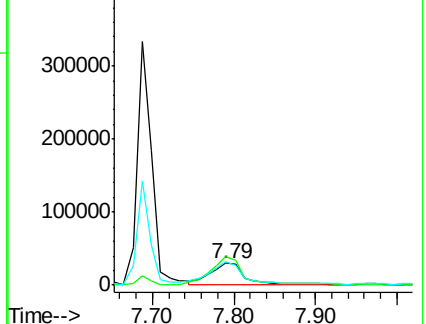
77 107.8 40.5 80.5#

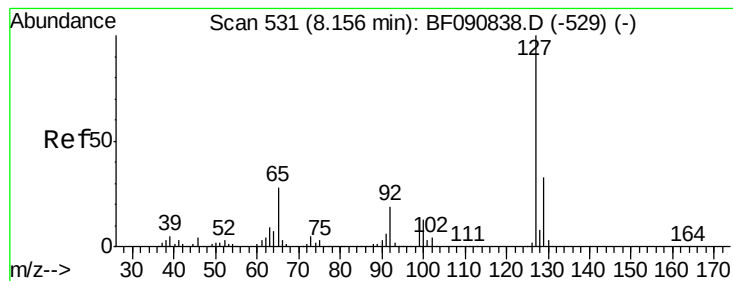


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 22.45 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

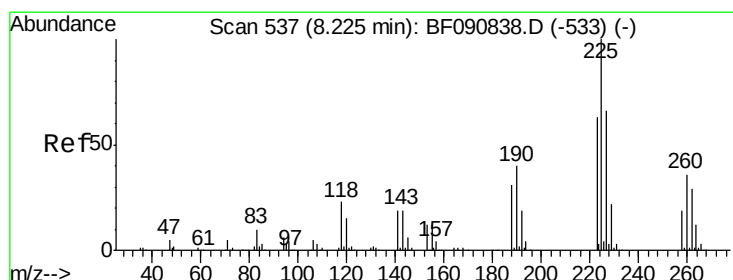
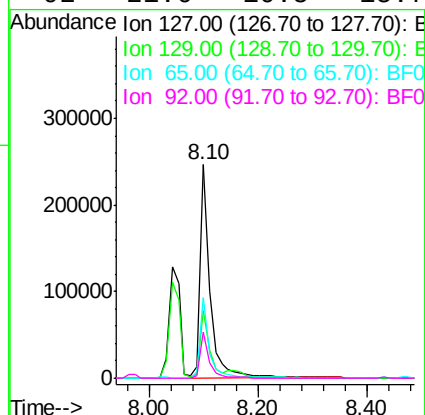
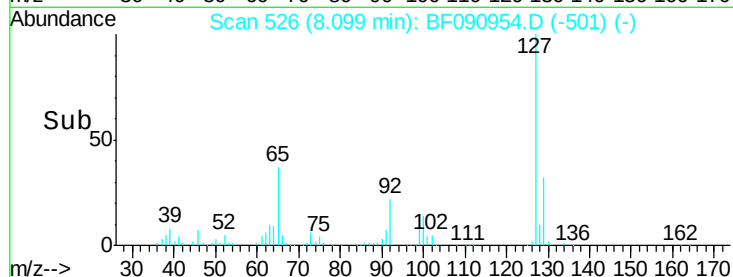
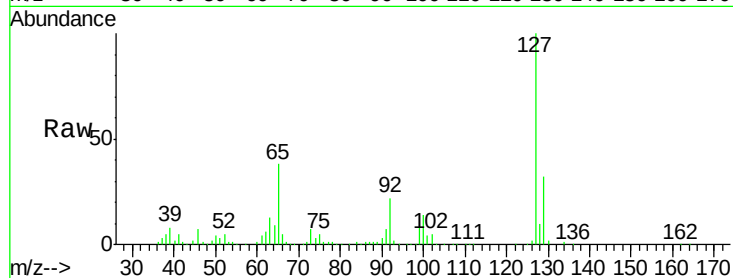
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.8	38.6		
65	37.9	17.9	26.9		
92	21.6	10.5	15.7		

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 35.62 ng

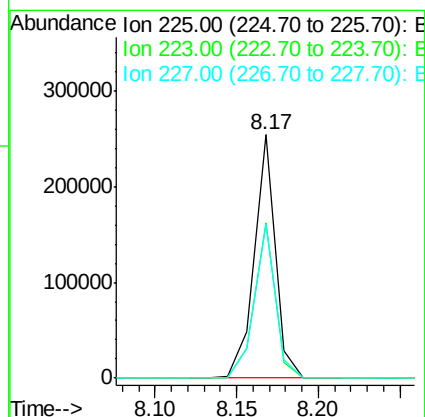
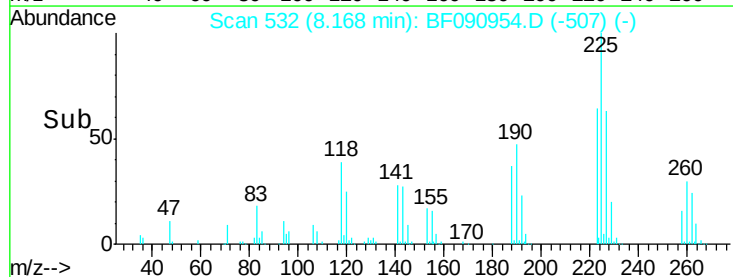
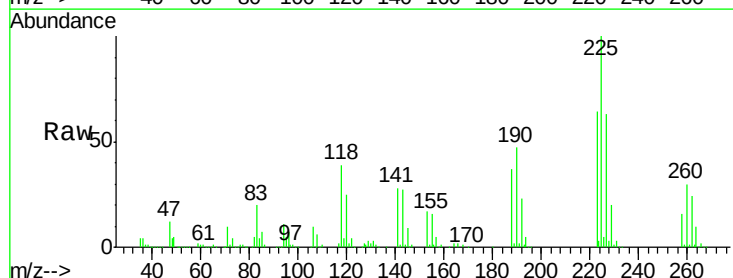
RT: 8.17 min Scan# 532

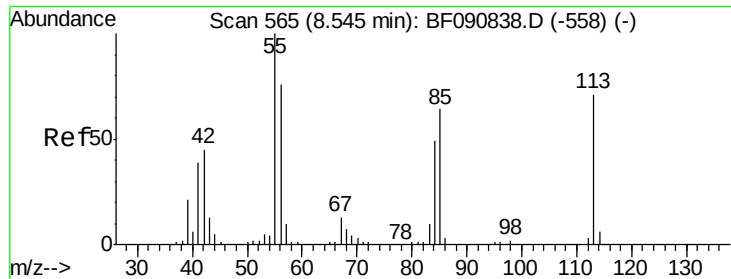
Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	50.2	75.2		
227	63.3	52.2	78.2		





#35

Caprolactam

Concen: 43.51 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

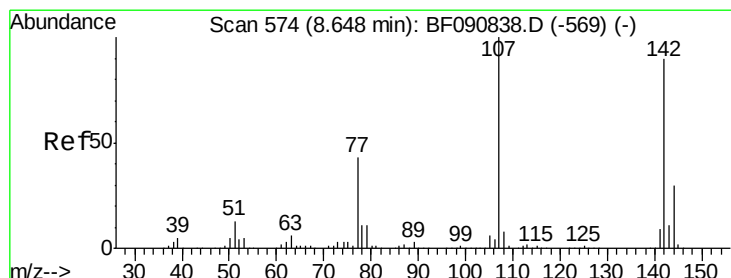
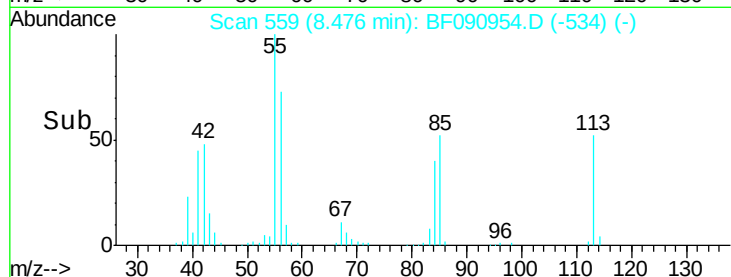
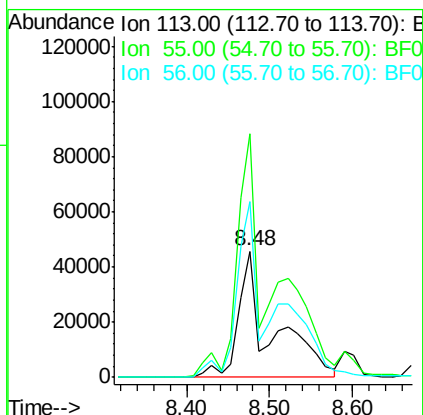
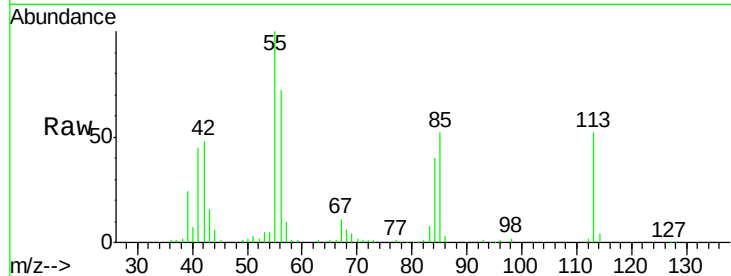
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:	113	Resp:	127571
Ion Ratio	Lower	Upper	
113	100		
55	192.8	152.4	192.4#
56	139.5	104.6	144.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 45.28 ng/ml

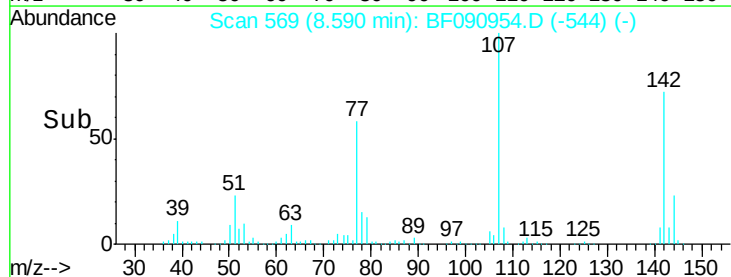
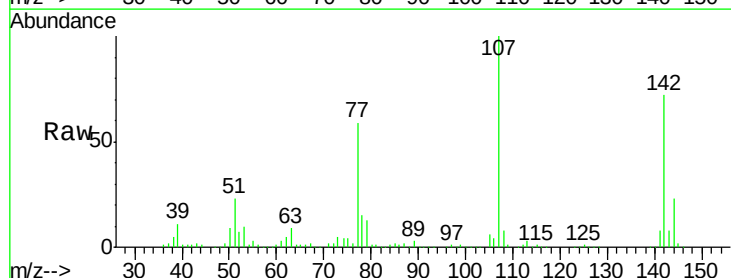
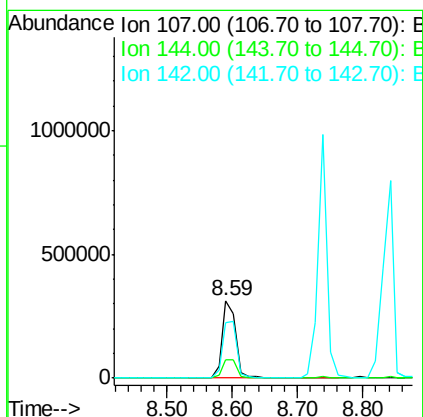
RT: 8.59 min Scan# 569

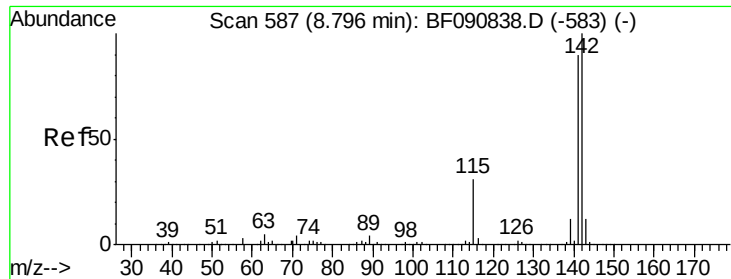
Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion:	107	Resp:	465066
Ion Ratio	Lower	Upper	
107	100		
144	23.1	25.4	38.0#
142	72.3	77.3	115.9#





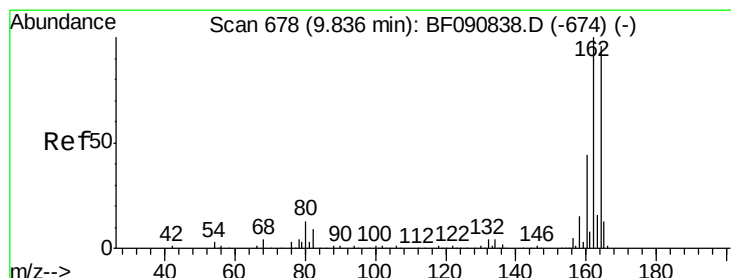
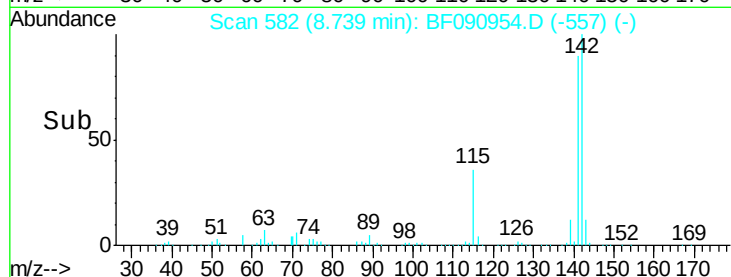
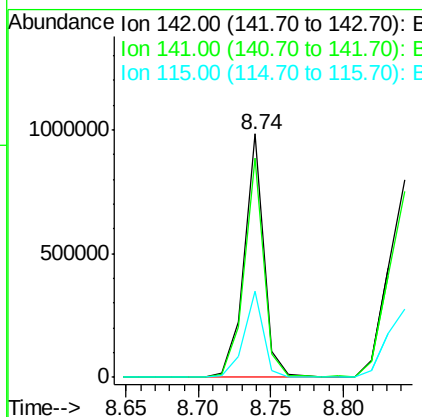
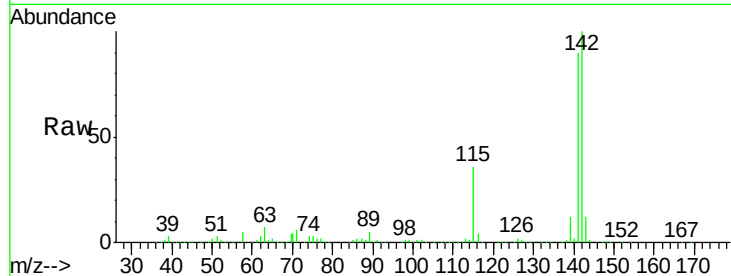
#37
2-Methylnaphthalene
Concen: 42.16 ng
RT: 8.74 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.5	101.3
115	35.6	18.2	27.2

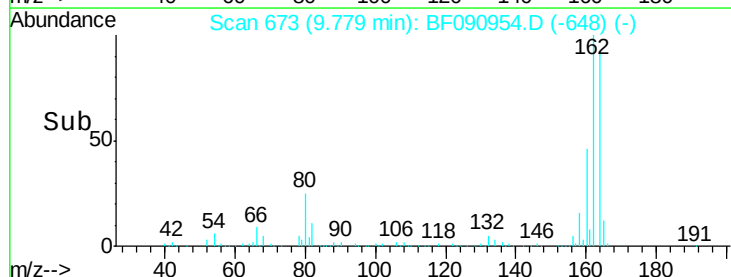
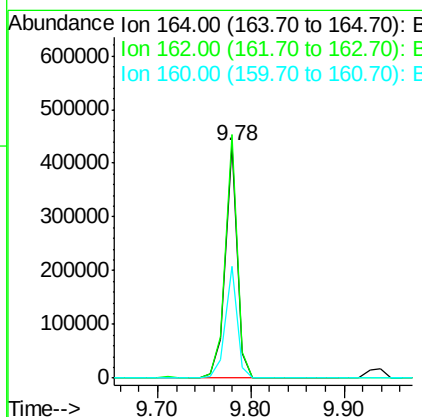
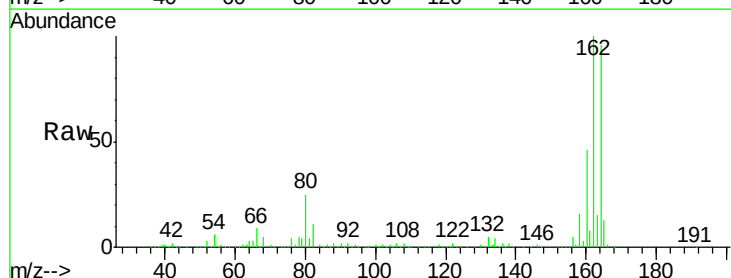
Manual Integrations
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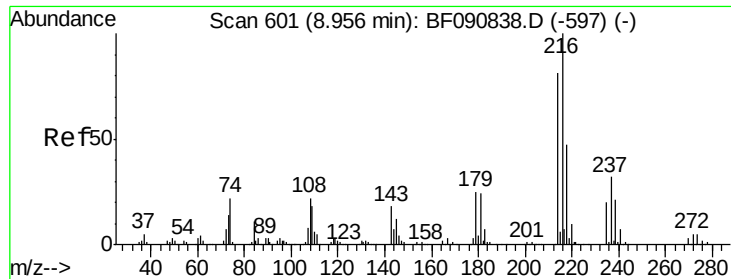
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	47.8	31.5	47.3





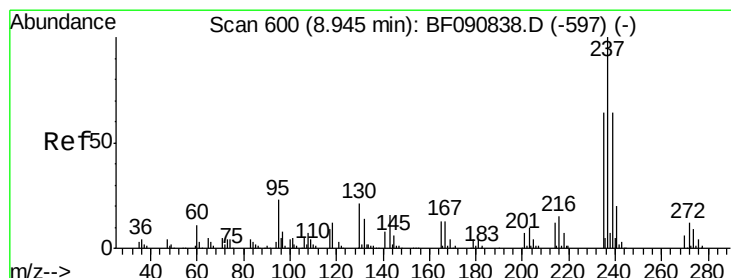
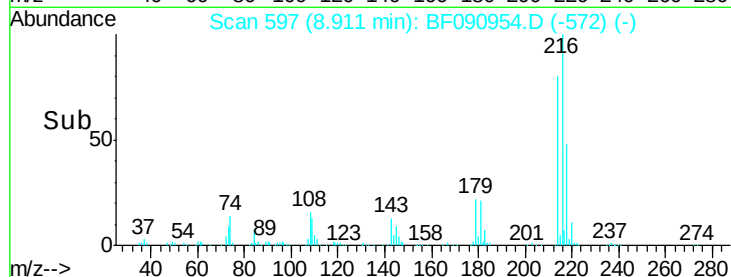
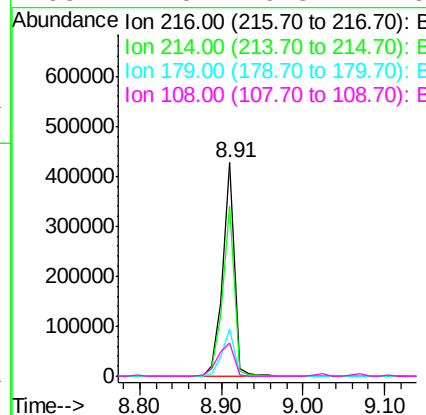
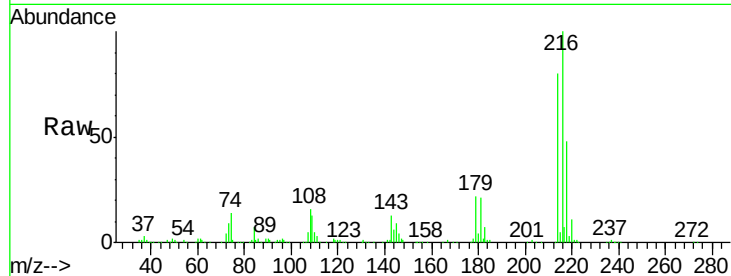
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.02 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		425803		
214	80.1		63.5	95.3	
179	23.1		16.6	24.8	
108	22.3		16.3	24.5	

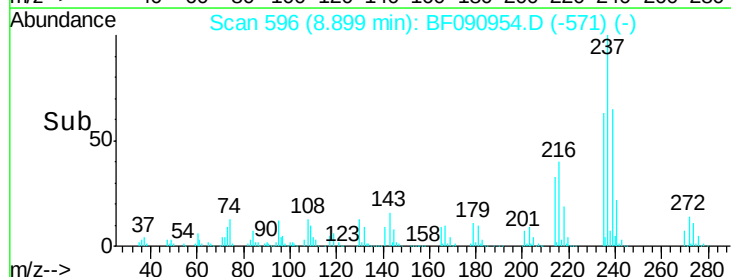
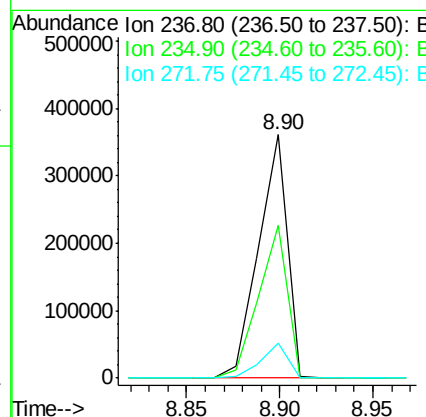
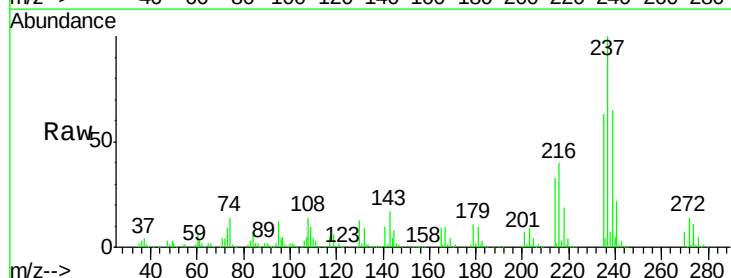
Manual Integrations
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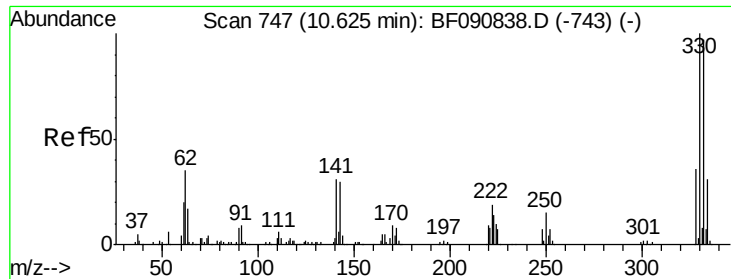
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#40
 Hexachlorocyclopentadiene
 Concen: 78.41 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		383829		
235	62.6		42.0	82.0	
272	14.3		0.0	36.1	





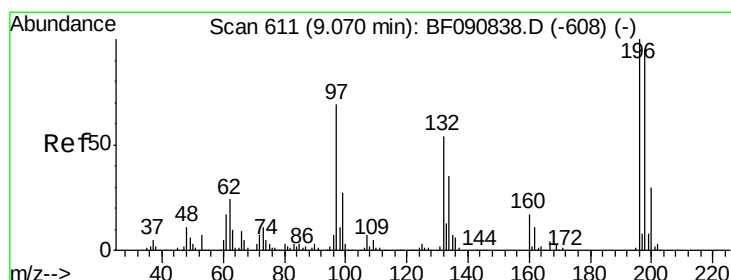
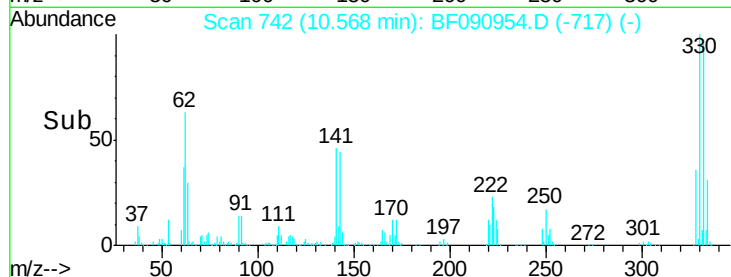
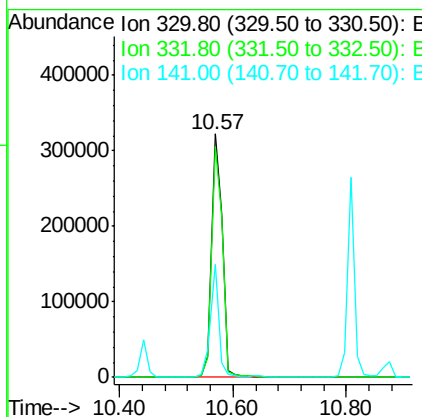
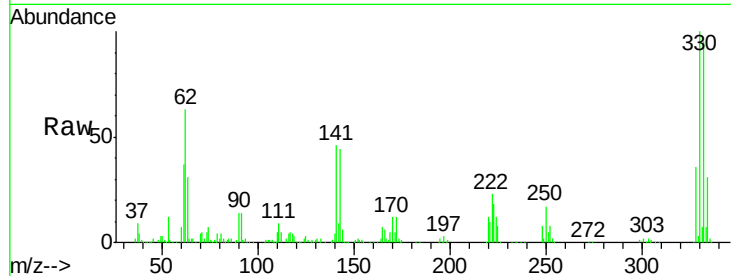
#41
 2,4,6-Tribromophenol
 Concen: 102.17 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	35.6	29.7	44.5

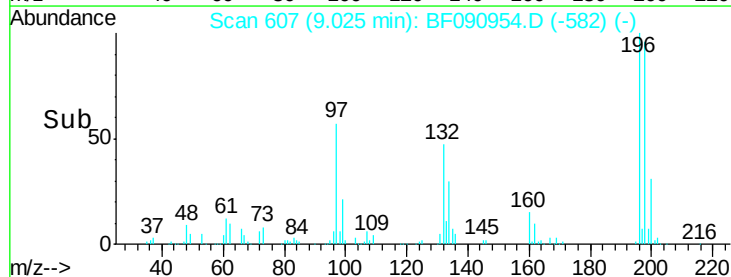
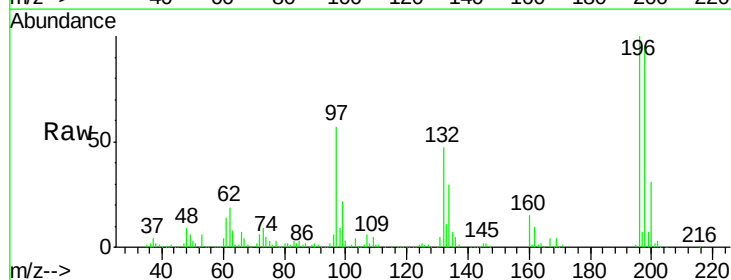
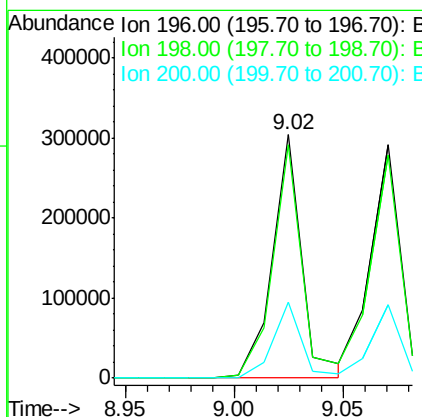
Manual Integrations
 APPROVED

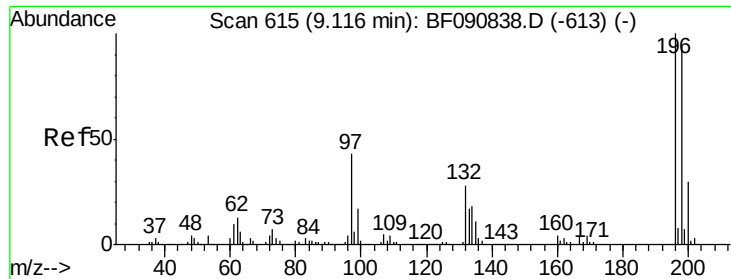
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#42
 2,4,6-Trichlorophenol
 Concen: 42.11 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	75.7	113.5
200	31.4	23.9	35.9





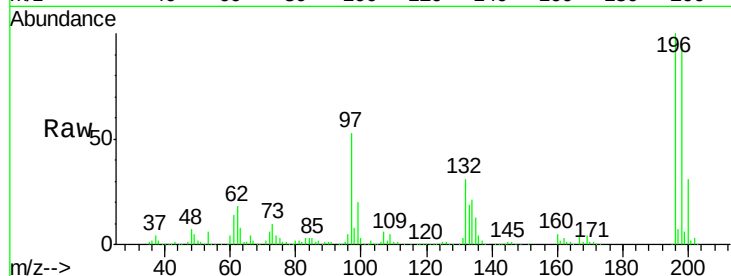
#43
2,4,5-Trichlorophenol
Concen: 41.44 ng
RT: 9.07 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

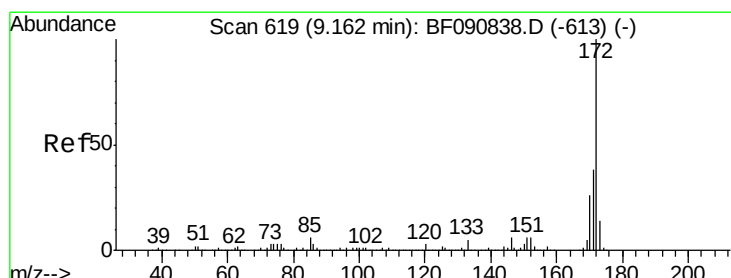
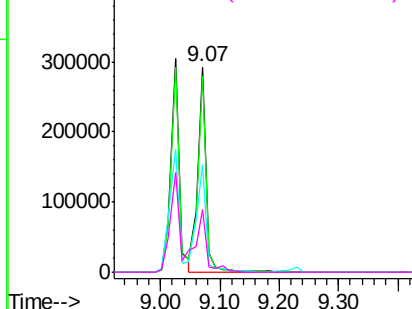
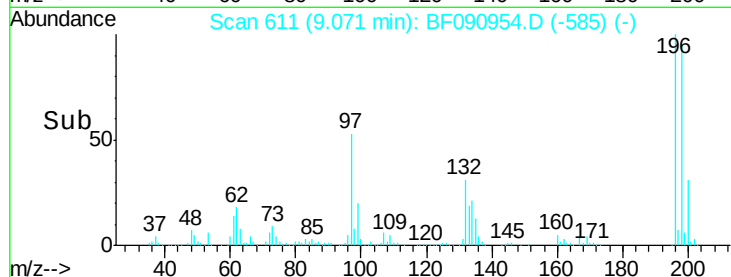
Tot Ion	Ratio	Resp	Lower	Upper
196	100	293161		
198	95.5	75.4	113.0	
97	52.7	33.3	49.9	
132	30.8	24.6	37.0	

Manual Integrations
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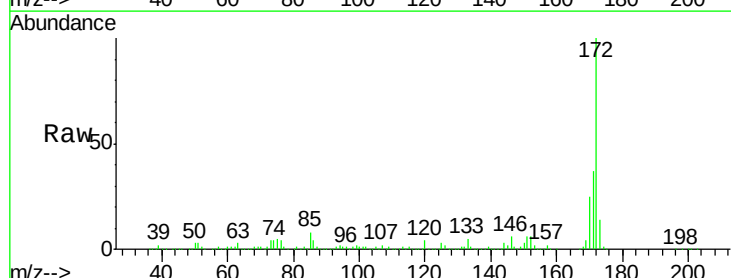


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

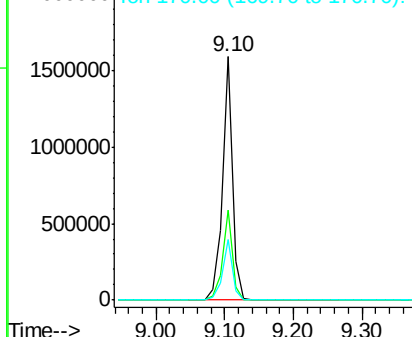
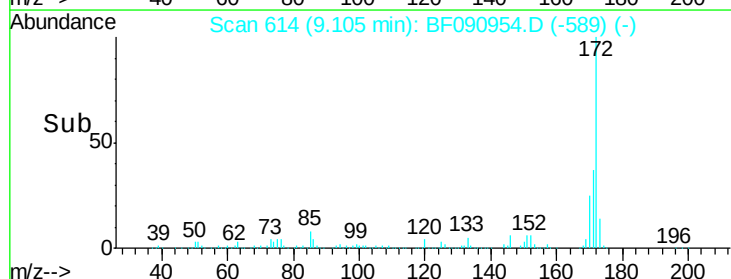


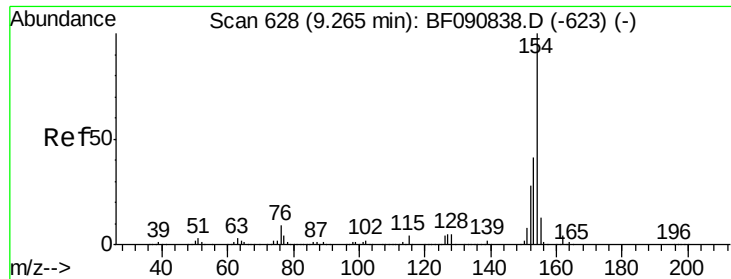
#44
2-Fluorobiphenyl
Concen: 74.82 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1652752		
171	37.0	26.1	39.1	
170	25.1	17.4	26.2	



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





#45

1,1'-Biphenyl

Concen: 42.45 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:154 Resp: 1185898

Ion Ratio Lower Upper

154 100

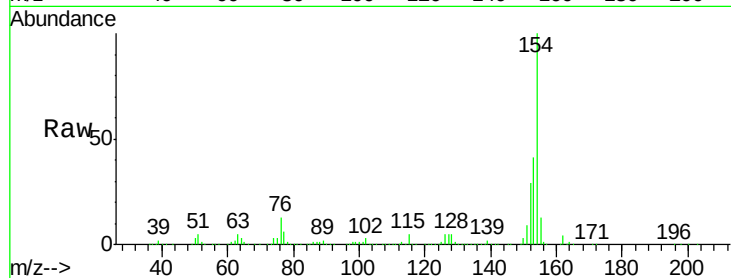
153 41.0 17.1 57.1

76 13.3 0.0 31.6

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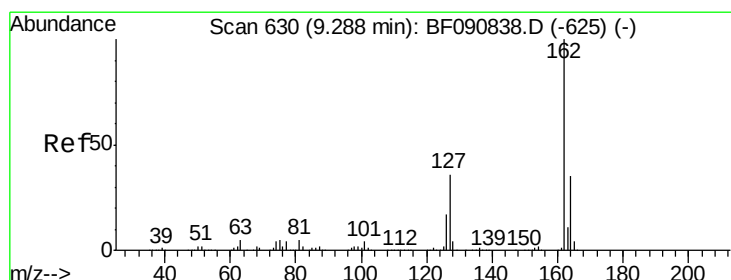
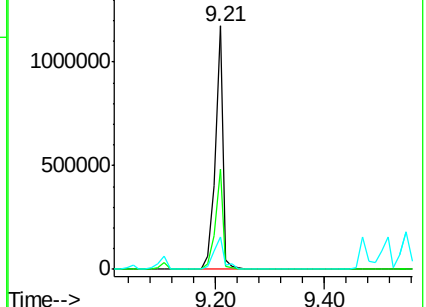
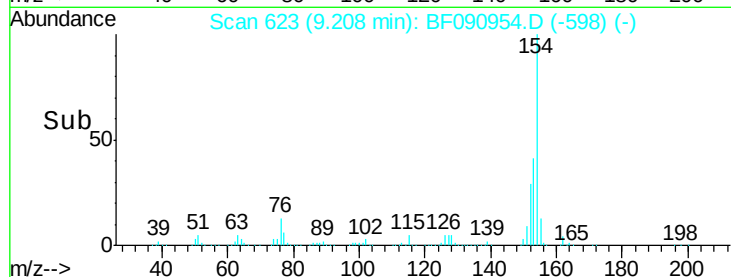
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.83 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

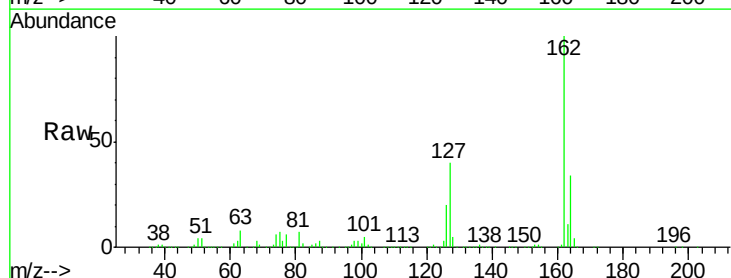
Tgt Ion:162 Resp: 931526

Ion Ratio Lower Upper

162 100

127 40.4 27.6 41.4

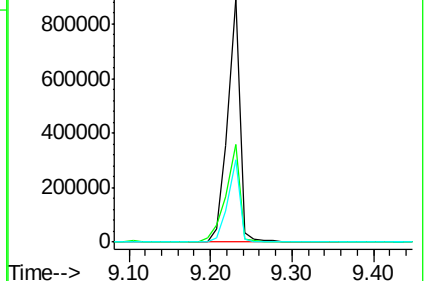
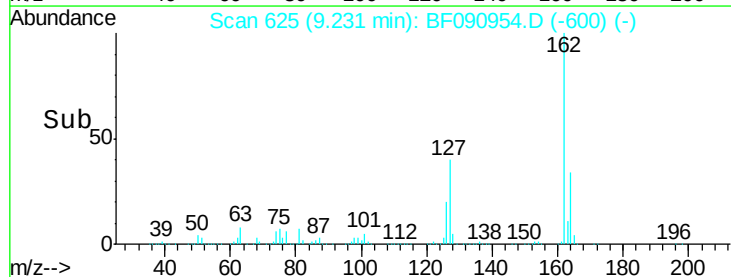
164 33.9 25.4 38.2

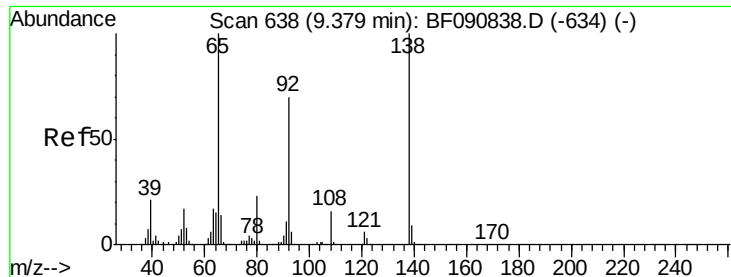


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





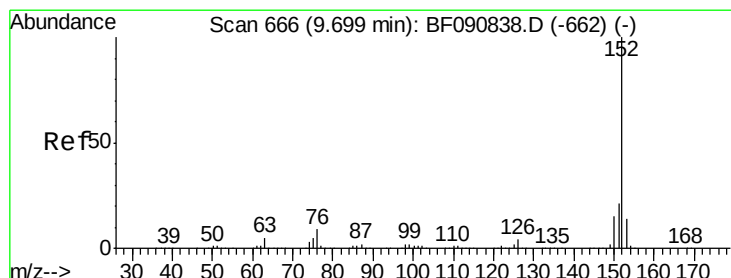
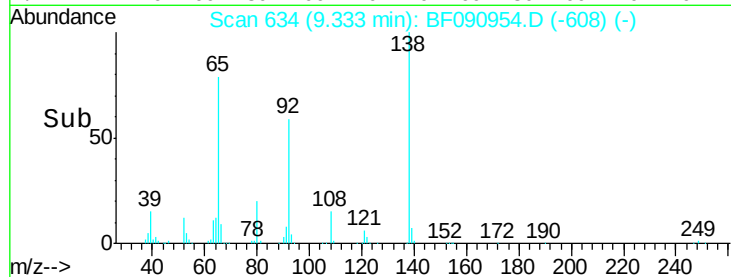
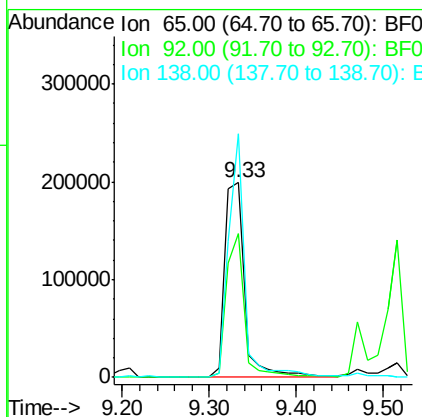
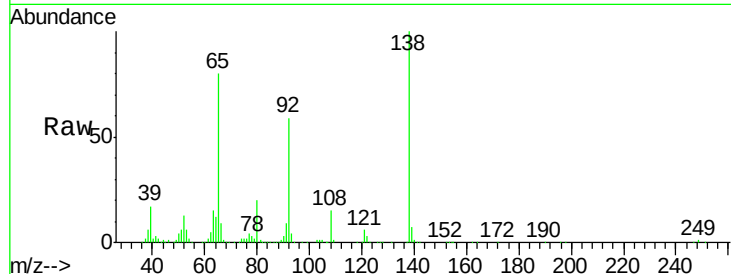
#47
2-Nitroaniline
Concen: 53.65 ng
RT: 9.33 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion: 65 Resp: 321748
Ion Ratio Lower Upper
65 100
92 74.2 55.4 83.0
138 125.3 115.5 173.3

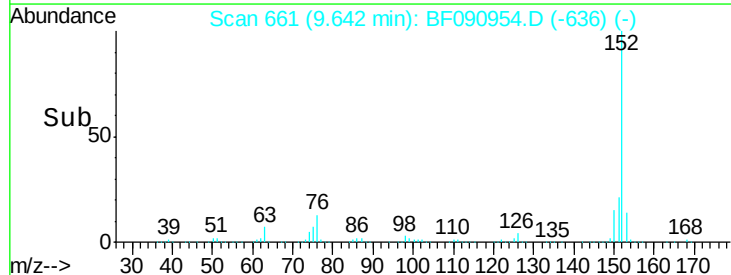
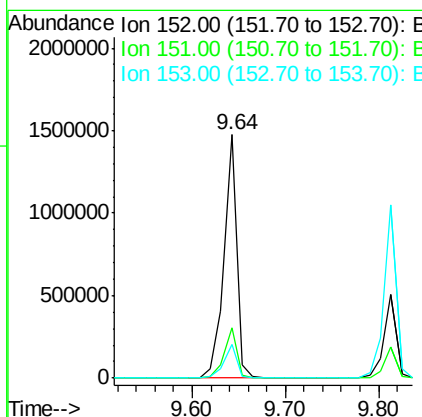
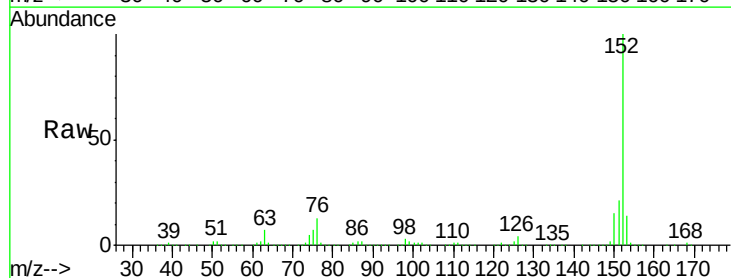
Manual Integrations
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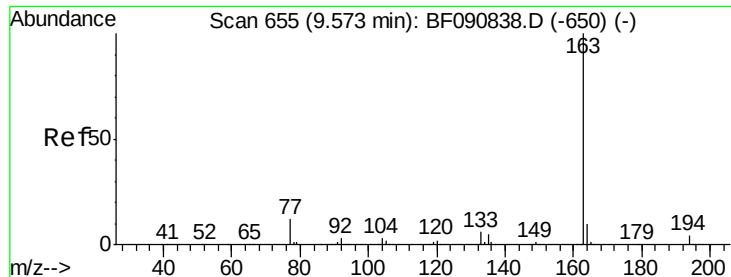
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#48
Acenaphthylene
Concen: 43.49 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion: 152 Resp: 1399443
Ion Ratio Lower Upper
152 100
151 20.8 14.6 22.0
153 13.9 10.3 15.5





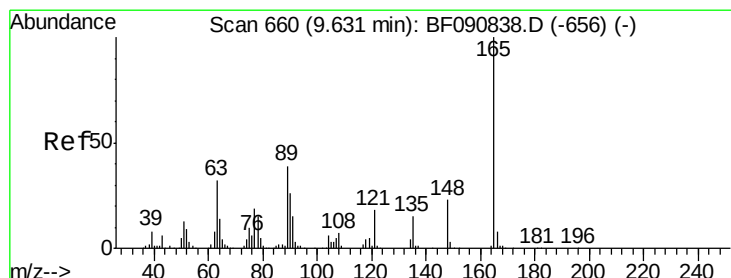
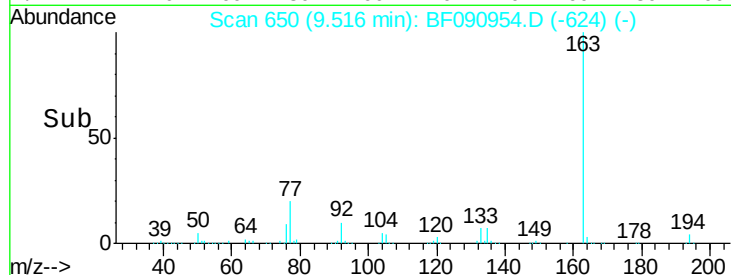
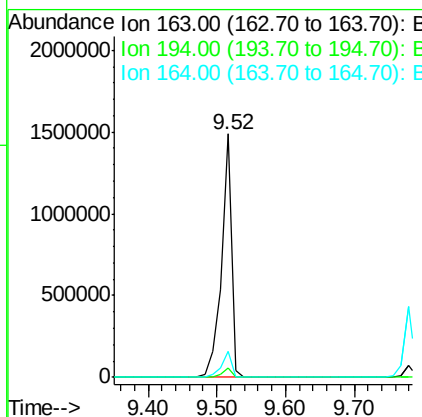
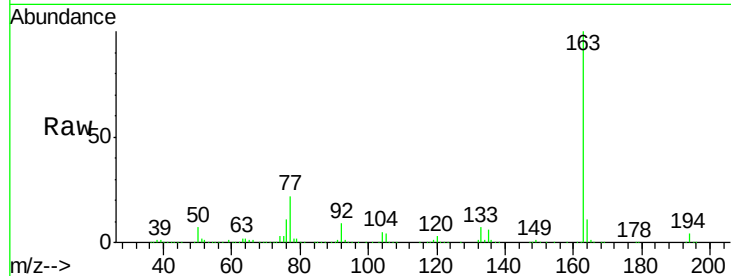
#49
Dimethylphthalate
Concen: 59.83 ng
RT: 9.52 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion:163 Resp: 1550434
Ion Ratio Lower Upper
163 100
194 3.7 4.4 6.6#
164 10.7 8.3 12.5

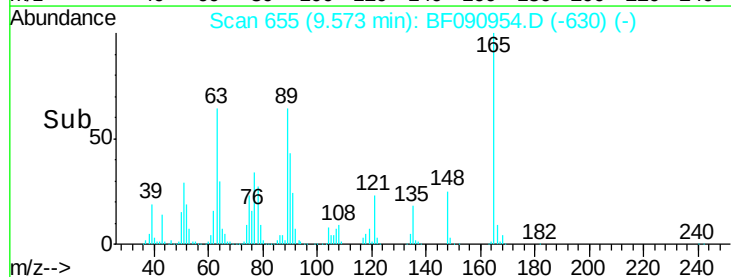
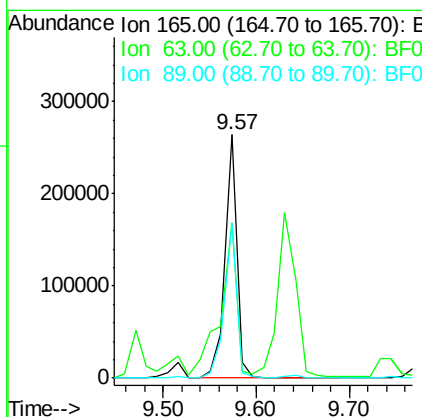
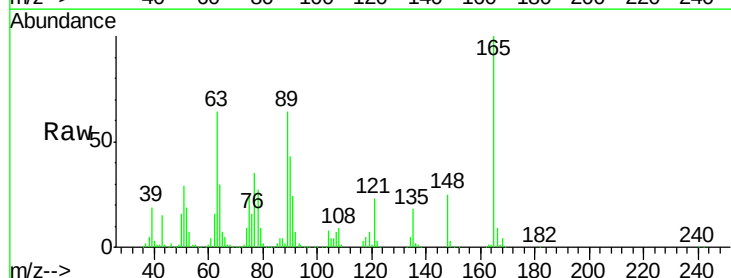
Manual Integrations
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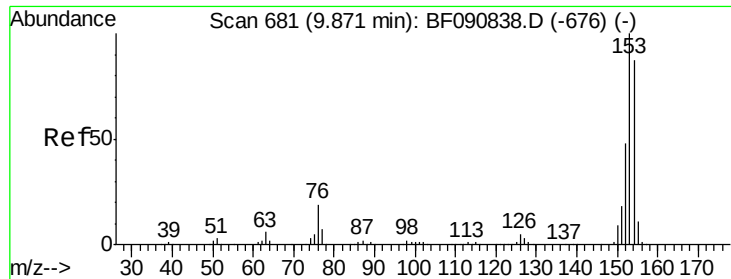
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#50
2,6-Dinitrotoluene
Concen: 41.15 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion:165 Resp: 235515
Ion Ratio Lower Upper
165 100
63 64.0 32.3 48.5#
89 64.0 28.6 43.0#





#51

Acenaphthene

Concen: 37.59 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

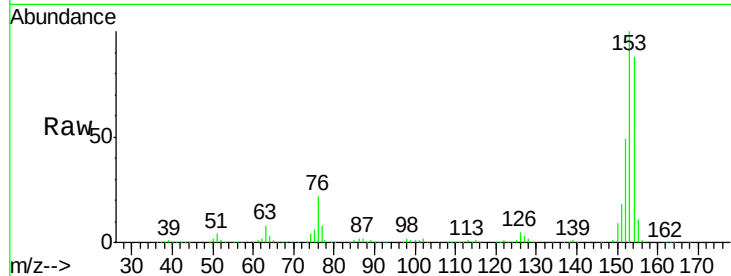
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	82.1	123.1
152	55.5	37.9	56.9

Manual Integrations
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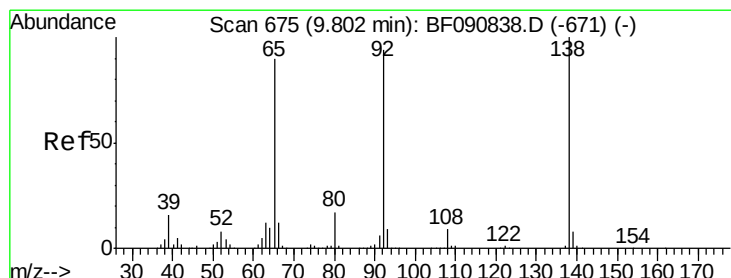
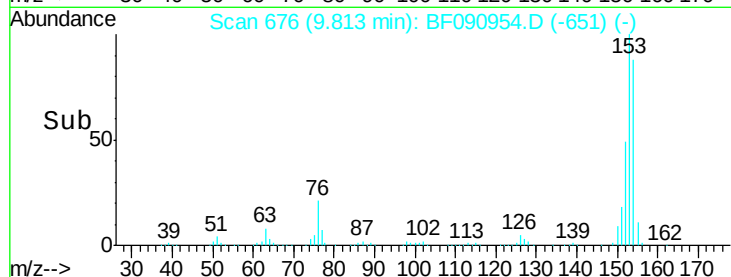
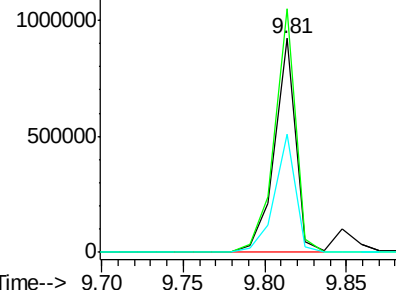
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.95 ng

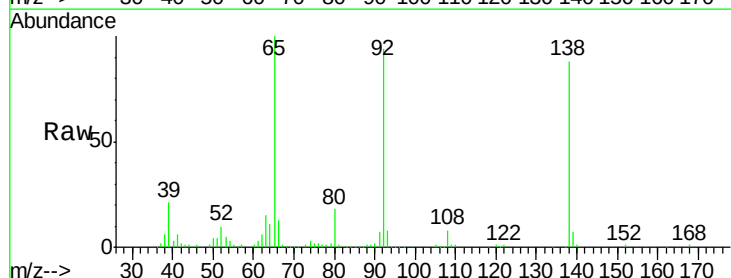
RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

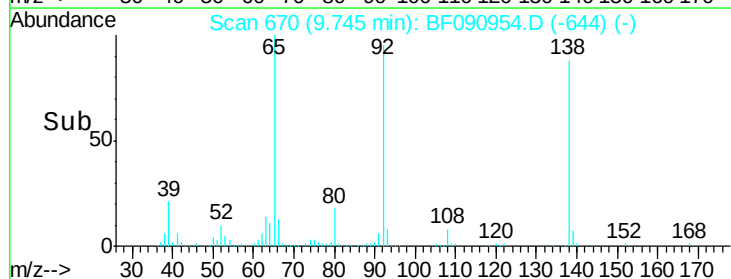
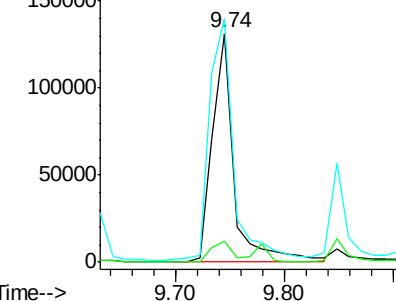
Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.3	5.7	8.5#
92	106.4	67.7	101.5#

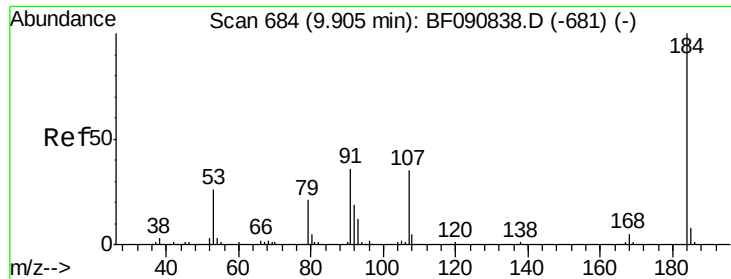


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





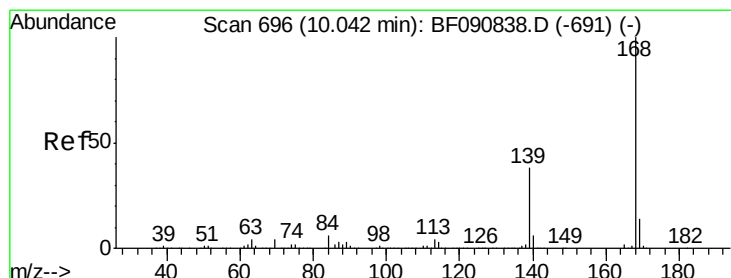
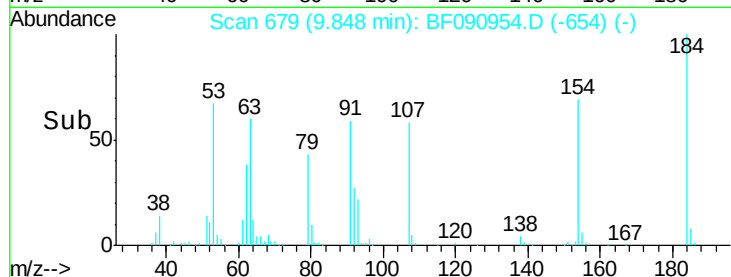
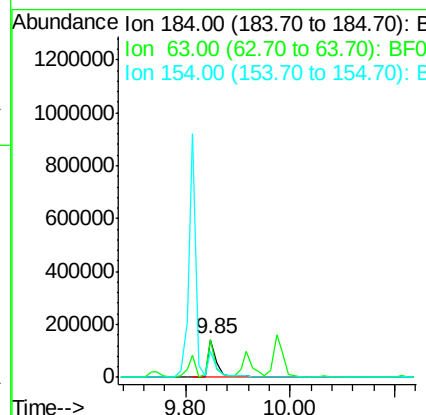
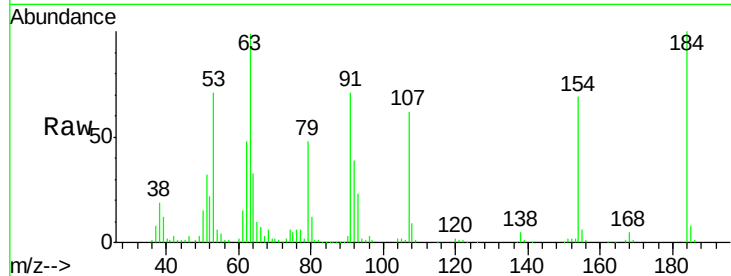
#53
 2,4-Dinitrophenol
 Concen: 58.71 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	176881		
63	99.5	35.4	53.2#	
154	69.3	32.2	48.4#	

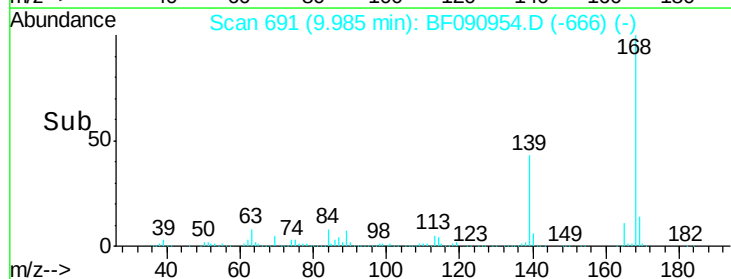
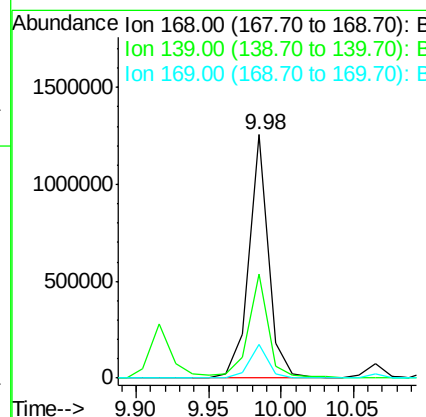
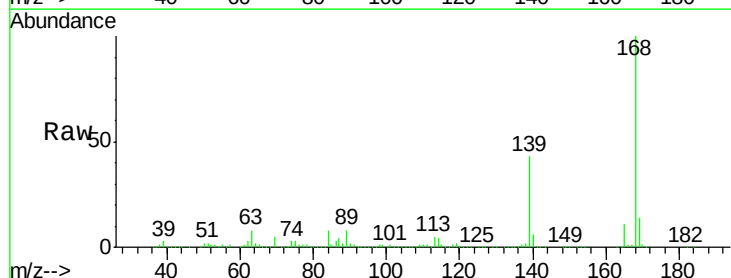
Manual Integrations
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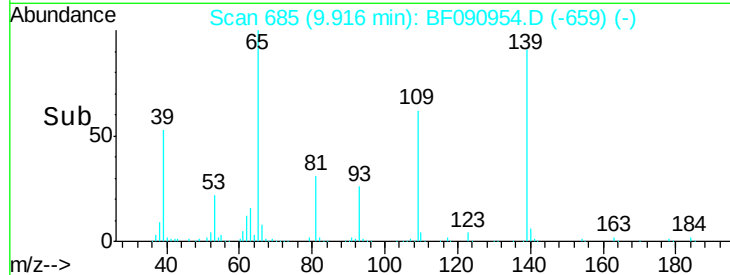
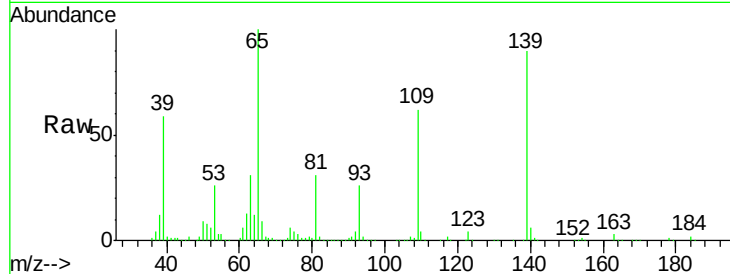
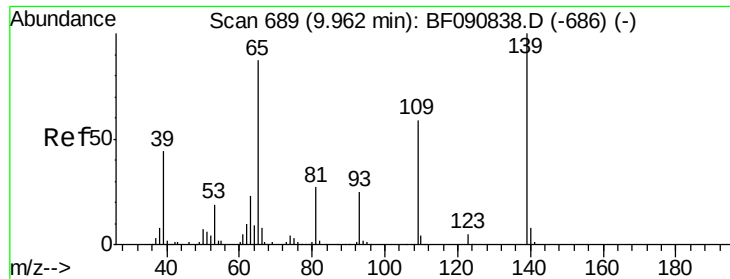
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#54
 Dibenzofuran
 Concen: 41.15 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1176781		
139	42.9	24.2	36.2#	
169	14.0	10.6	15.8	





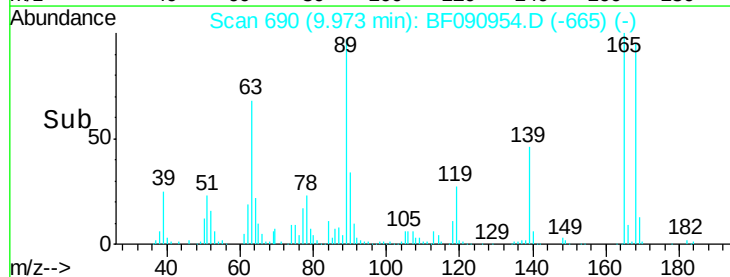
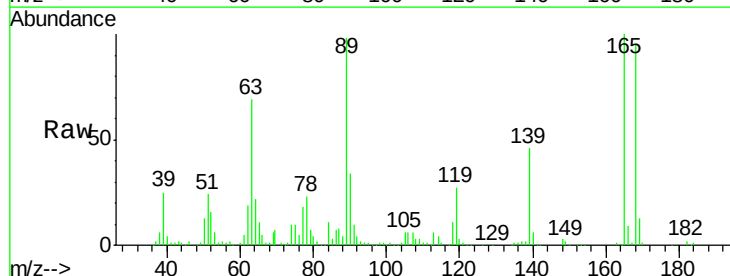
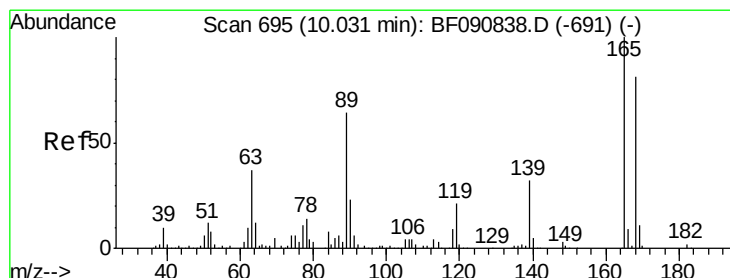
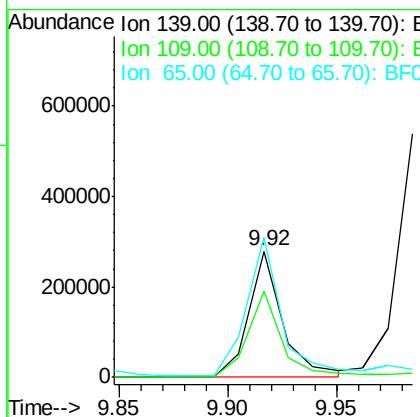
#55
4-Nitrophenol
Concen: 81.85 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	68.1	12.7	52.7#	
65	110.7	45.9	85.9#	

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

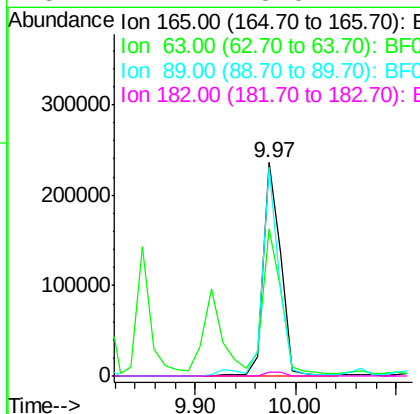
Manual Integrations
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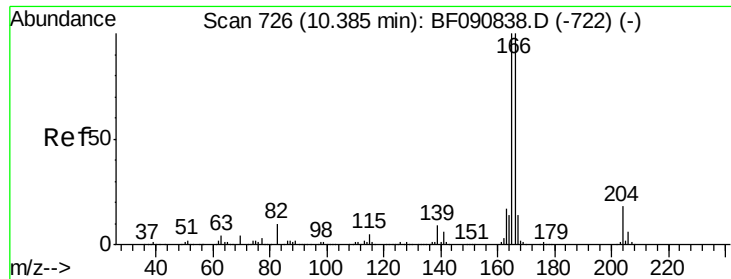
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#56
2,4-Dinitrotoluene
Concen: 39.66 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.9	29.8	44.6#	
89	97.5	44.5	66.7#	
182	2.1	3.0	4.4#	





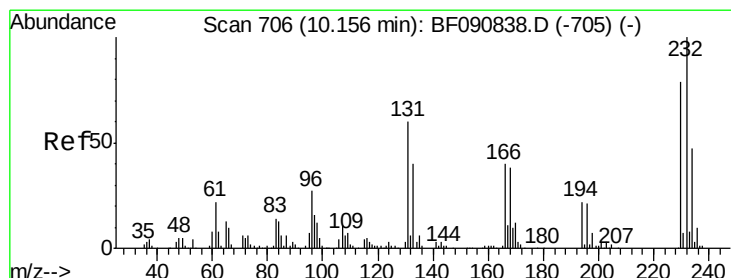
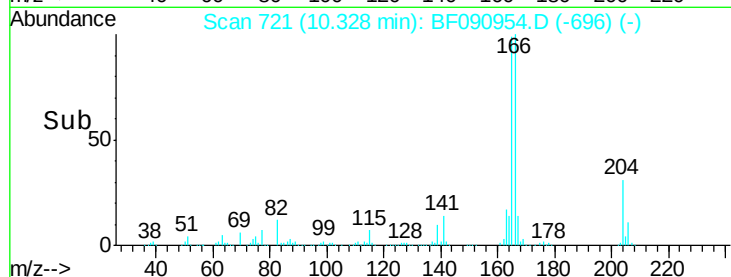
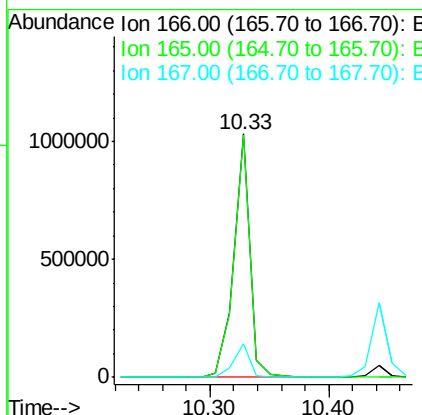
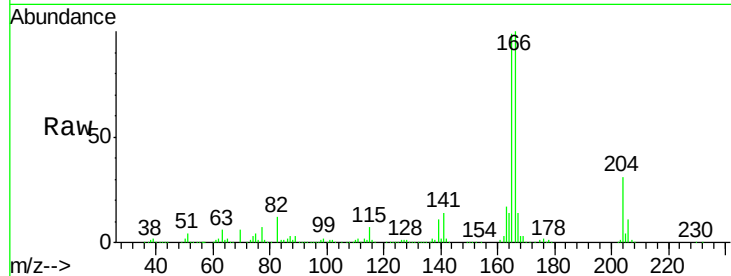
#57
 Fluorene
 Concen: 41.67 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	72.6	109.0
167	14.0	10.6	16.0

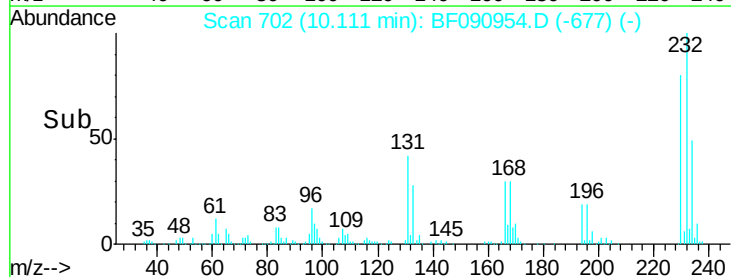
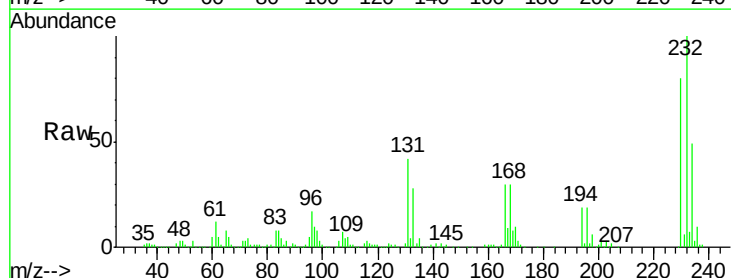
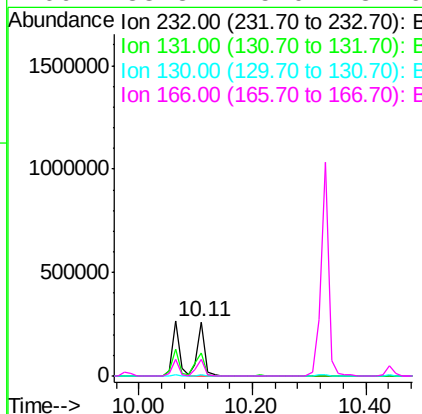
Manual Integrations
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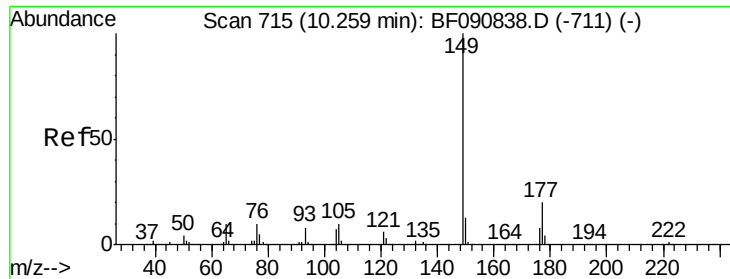
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 11/2/2016 5:41:42 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.67 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.8	38.5	57.7
130	2.5	1.8	2.6
166	33.3	25.0	37.6





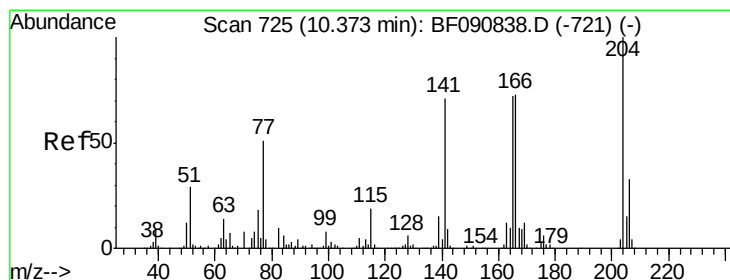
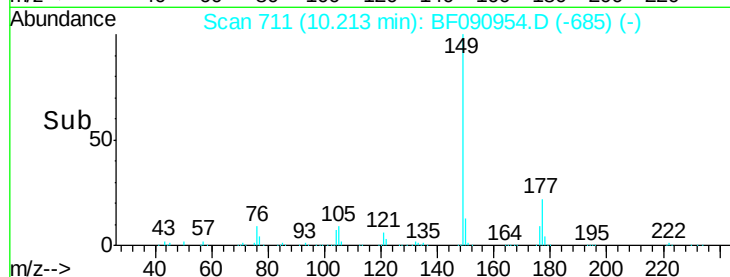
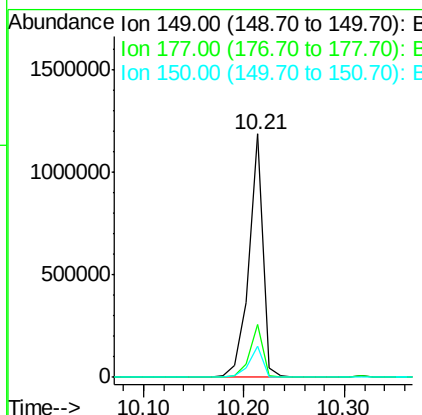
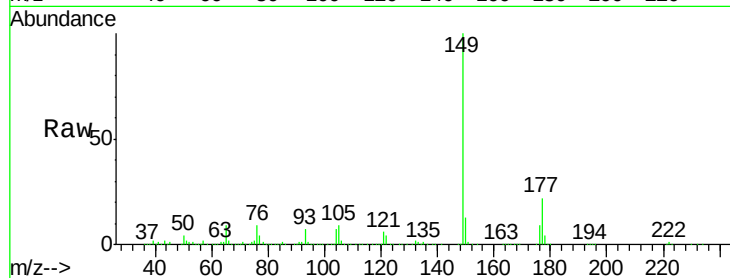
#59
Diethylphthalate
Concen: 44.43 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion:149 Resp: 1143574
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.7 9.4 14.2

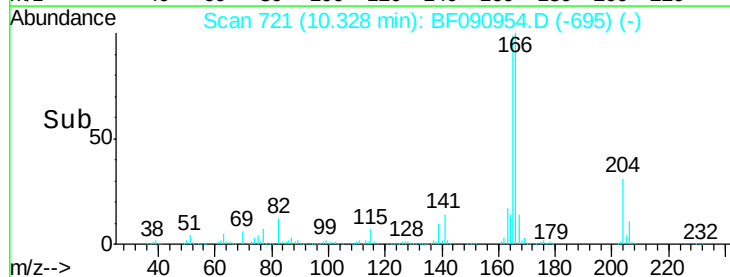
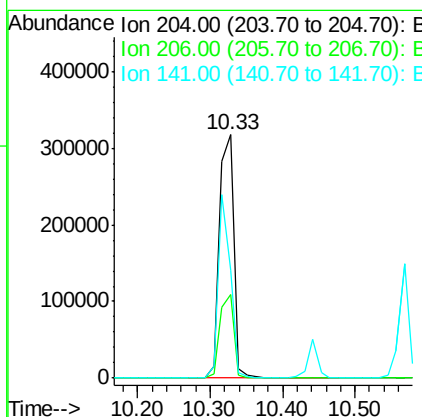
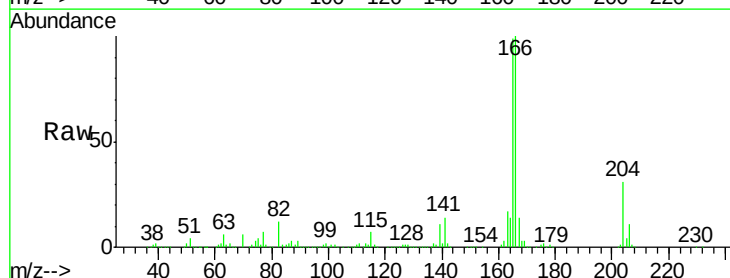
Manual Integrations
APPROVED

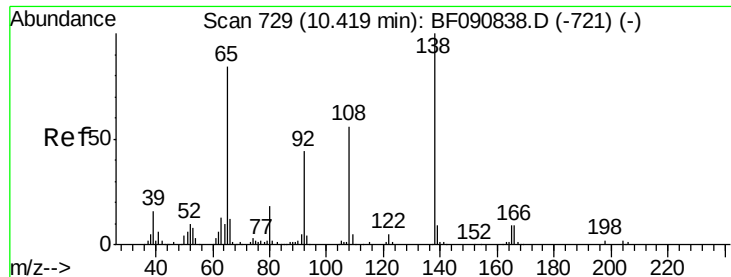
Umangi
11/2/2016 5:41:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 38.29 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion:204 Resp: 437854
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 44.6 42.2 63.4





#61

4-Nitroaniline

Concen: 41.80 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion: 138 Resp: 252259

Ion Ratio Lower Upper

138 100

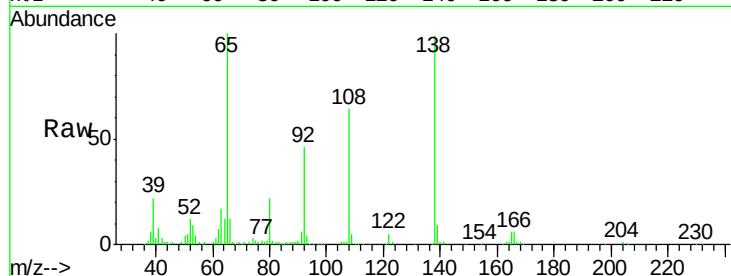
92 46.4 12.6 52.6

108 64.1 12.4 52.4#

Manual Integrations
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Umangi

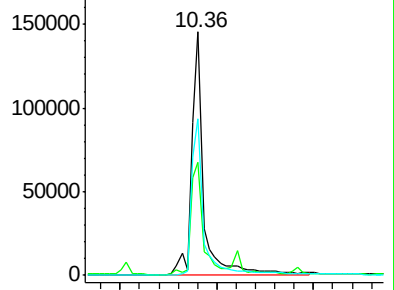
11/2/2016 5:41:42 PM



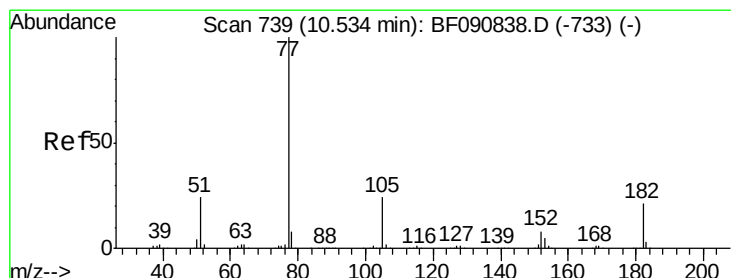
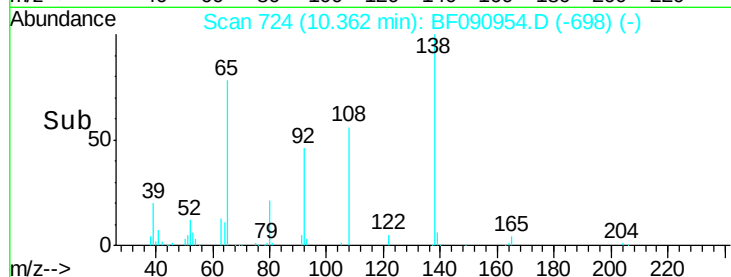
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 49.39 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion: 77 Resp: 1250124

Ion Ratio Lower Upper

77 100

182 14.8 15.1 55.1#

105 20.8 3.4 43.4

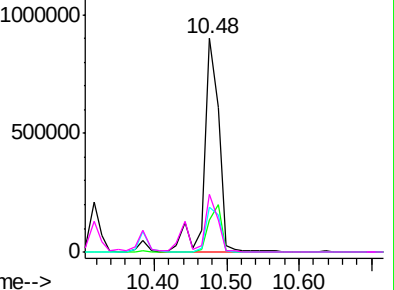
51 27.1 12.0 52.0

Abundance Ion 77.00 (76.70 to 77.70): BF0

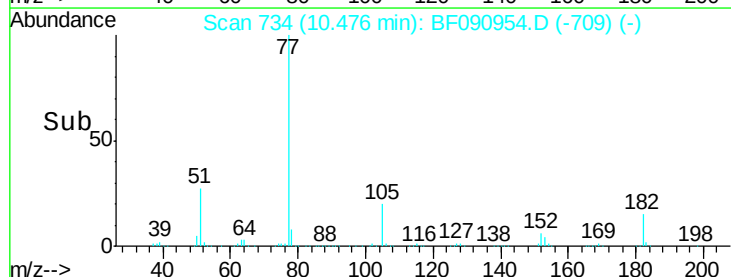
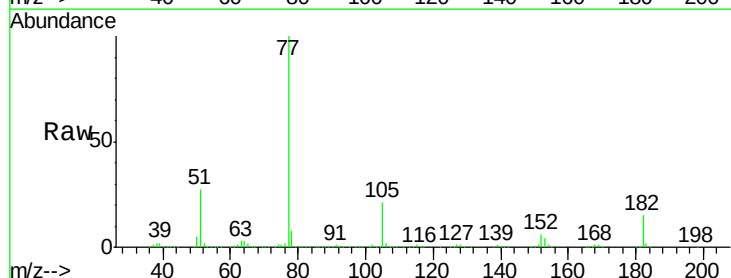
Ion 182.00 (181.70 to 182.70): E

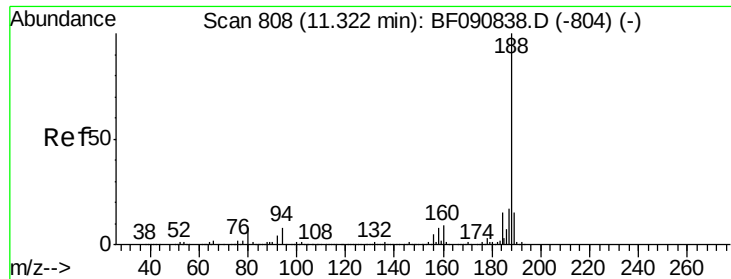
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Time-->





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

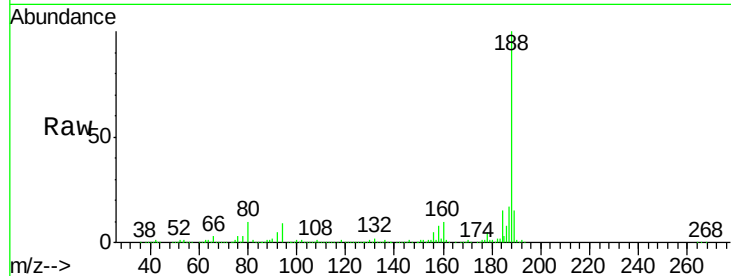
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:	188	Resp:	611802
Ion Ratio	Lower	Upper	
188	100		
94	9.0	11.1	16.7#
80	9.7	11.0	16.4#

Manual Integrations
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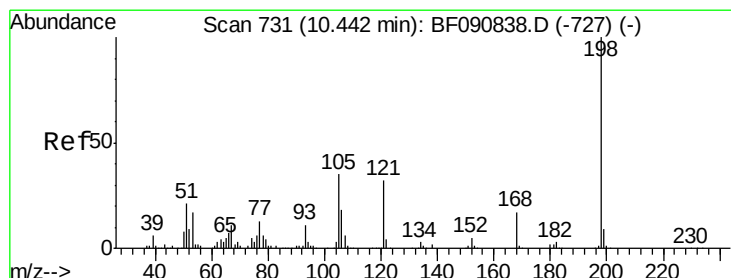
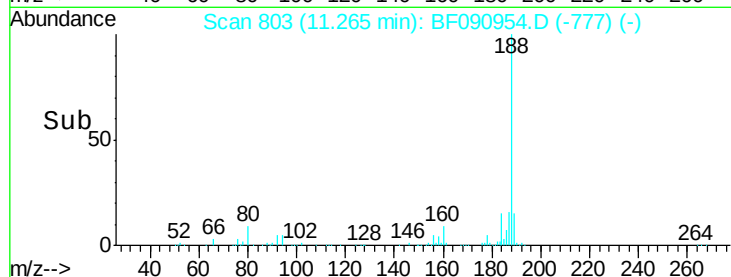
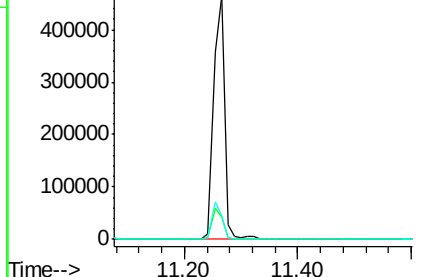
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 34.92 ng

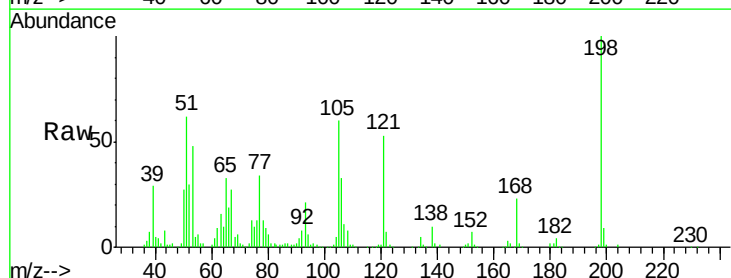
RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

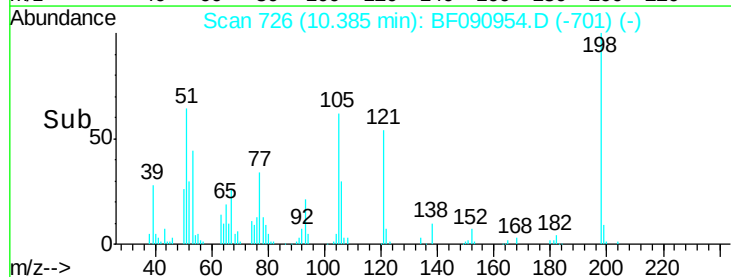
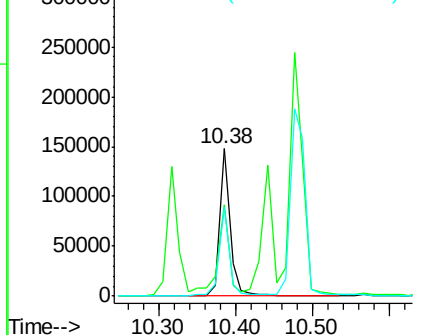
Tgt Ion:	198	Resp:	141652
Ion Ratio	Lower	Upper	
198	100		
51	62.4	39.6	79.6
105	60.3	28.5	68.5

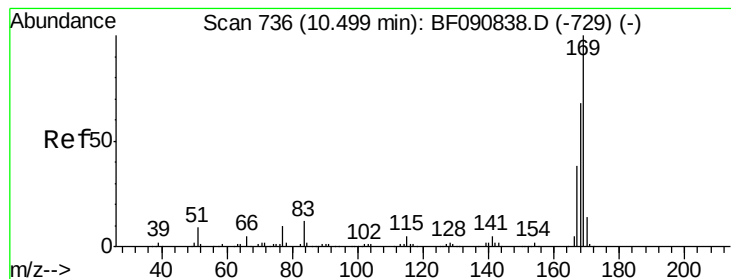


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





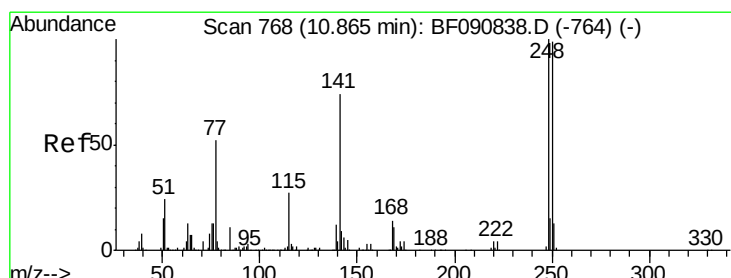
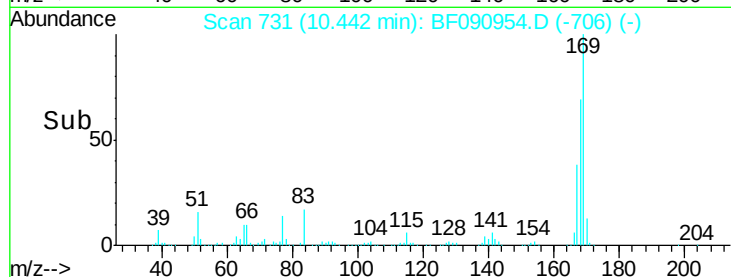
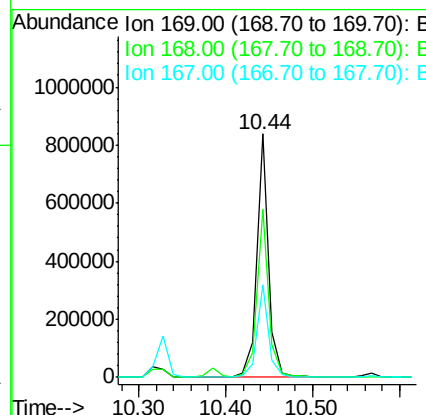
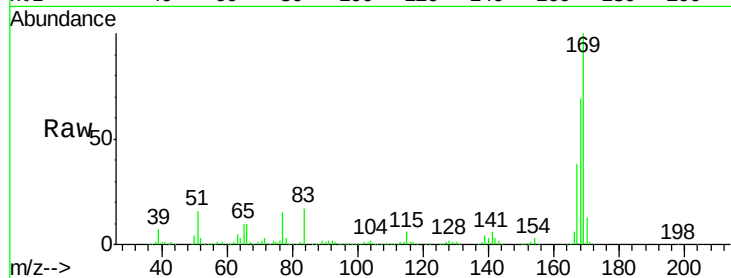
#65
 n-Nitrosodiphenylamine
 Concen: 42.64 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.8	48.9	73.3
167	37.9	26.2	39.4

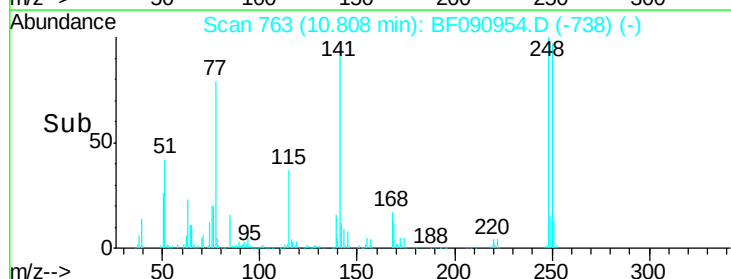
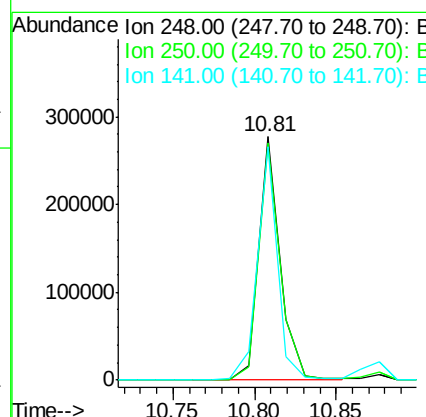
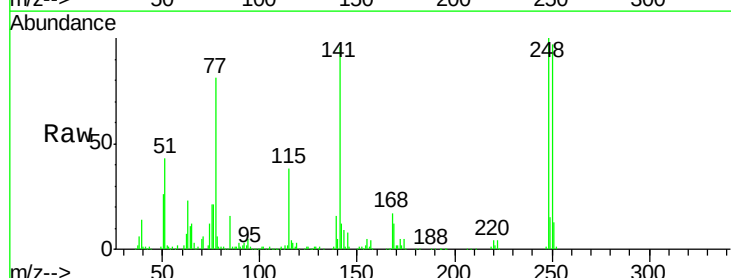
Manual Integrations
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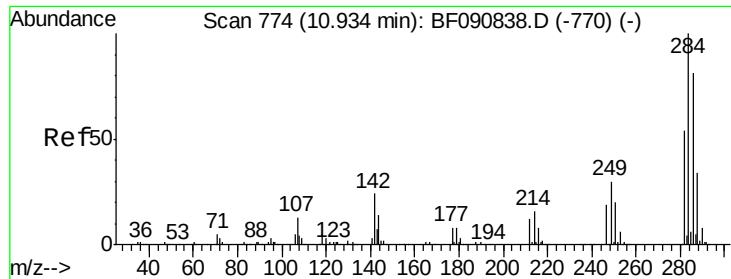
Umangi
 11/2/2016 5:41:42 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.12 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	78.5	117.7
141	95.8	59.0	88.6





#67

Hexachlorobenzene

Concen: 40.07 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

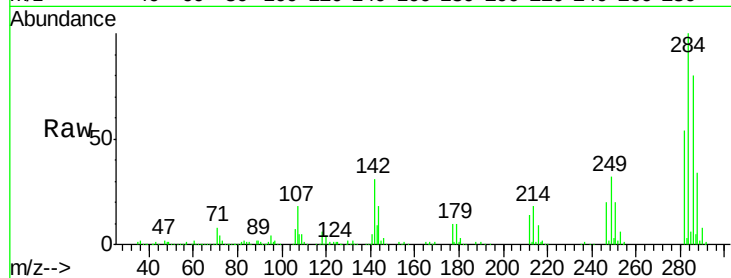
ClientSampleId :

SB-70-0.5-1.0MSD

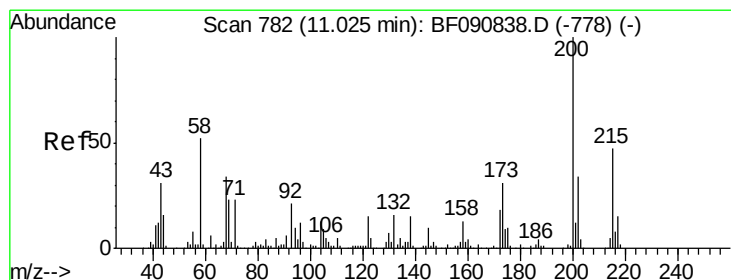
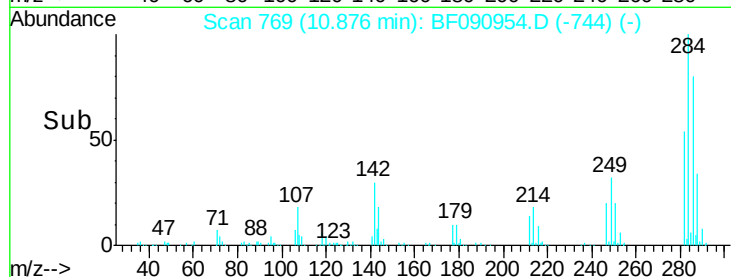
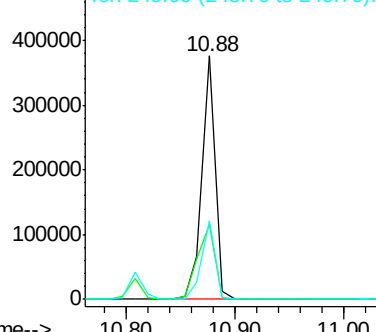
Tot Ion:	284	Resp:	317724
Ion Ratio		Lower	Upper
284	100		
142	30.6	29.5	44.3
249	32.2	19.5	29.3

Manual Integrations
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.07 ng

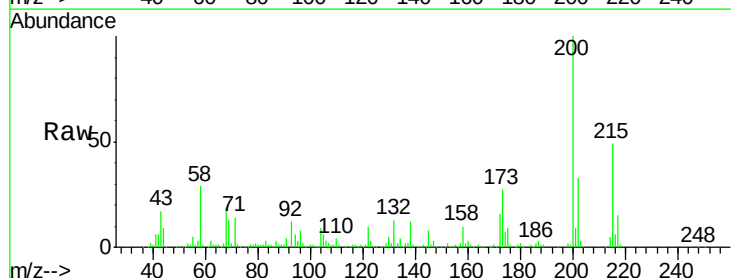
RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

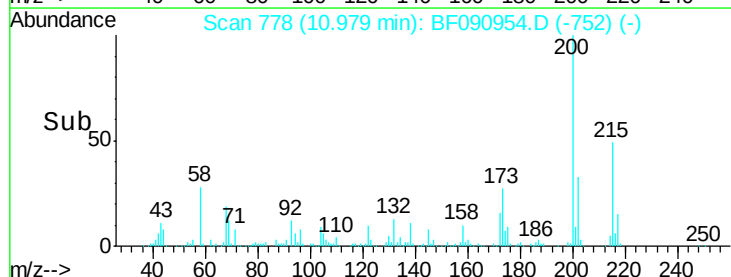
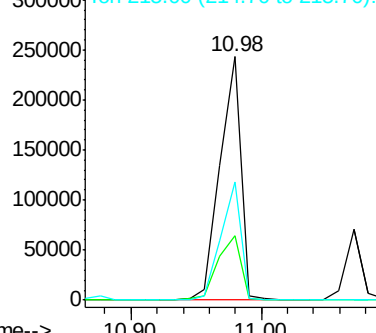
Lab File: BF090954.D

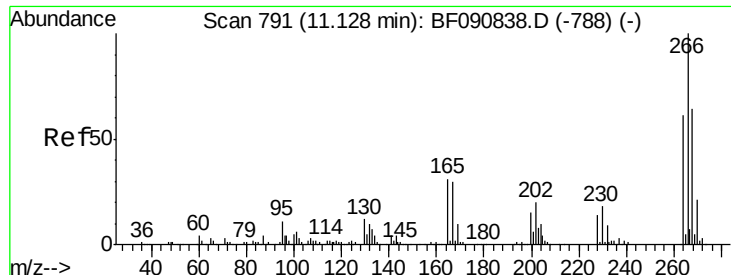
Acq: 1 Nov 2016 16:48

Tgt Ion:	200	Resp:	272861
Ion Ratio		Lower	Upper
200	100		
173	26.5	13.2	53.2
215	48.8	41.8	81.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





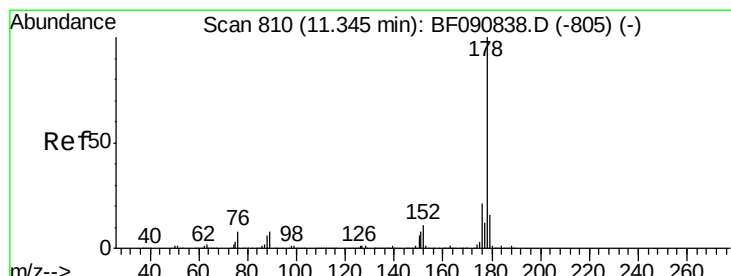
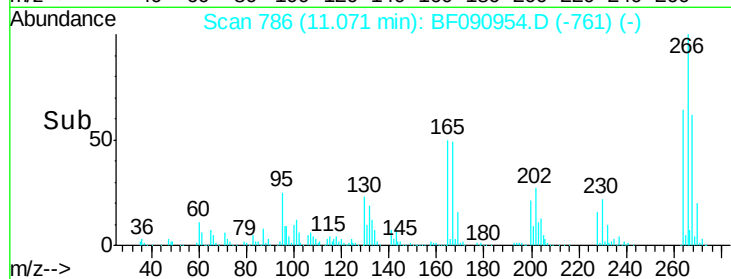
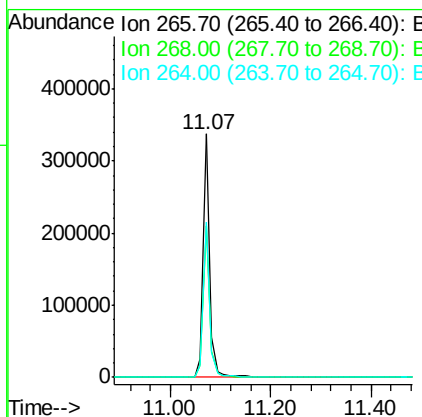
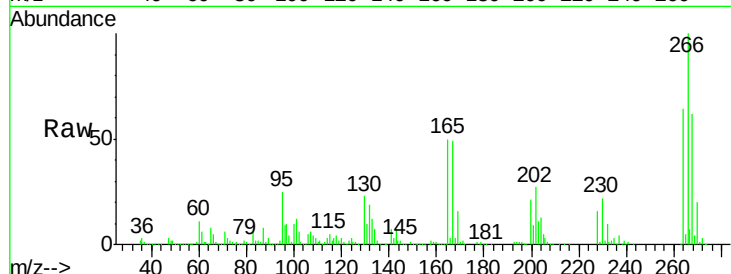
#69
 Pentachlorophenol
 Concen: 72.82 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.4	49.8	74.6
264	63.6	50.2	75.2

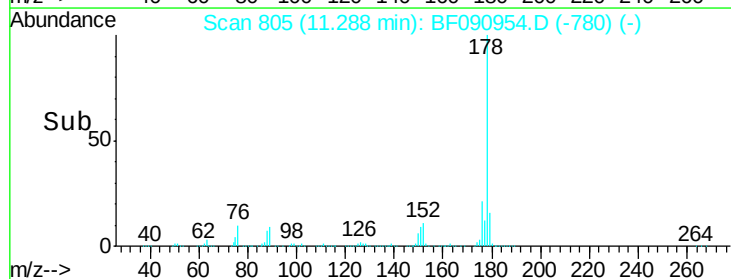
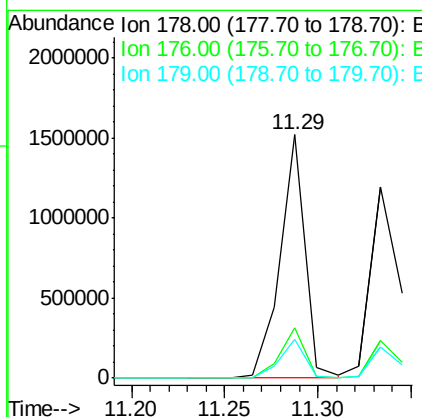
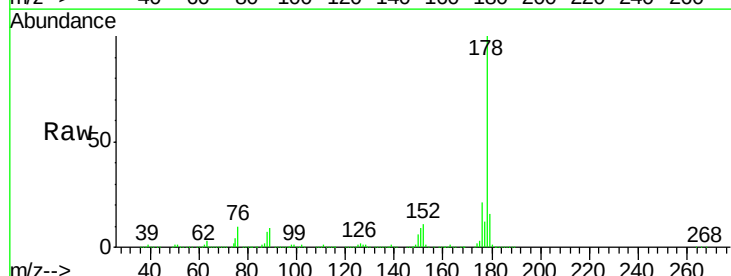
Manual Integrations
 APPROVED

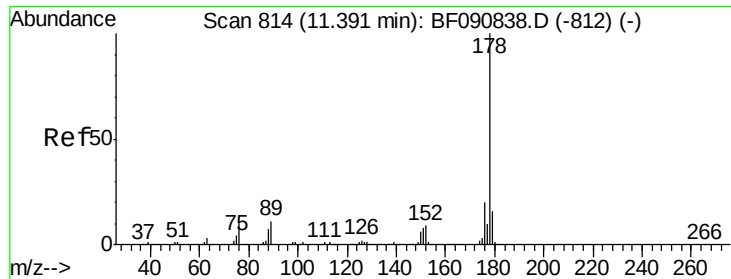
Umangi
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#70
 Phenanthrene
 Concen: 45.63 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	13.8	20.8
179	16.1	12.2	18.2





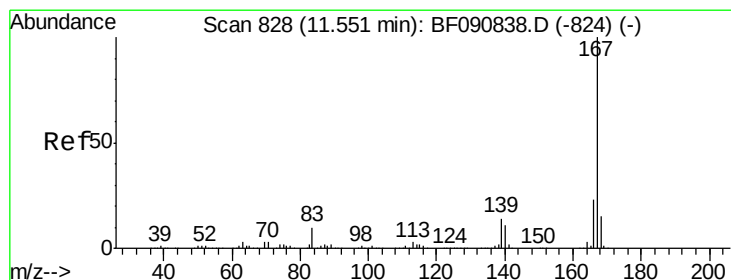
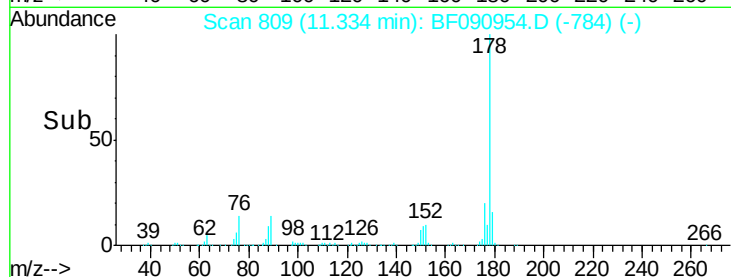
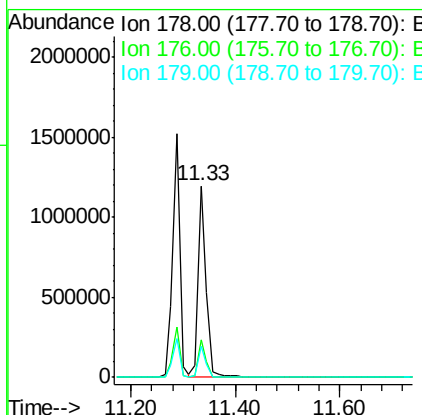
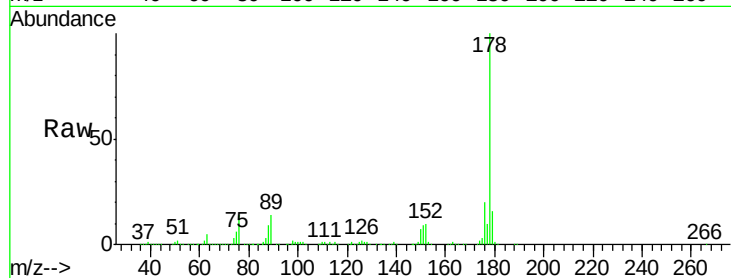
#71
 Anthracene
 Concen: 39.63 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	19.9	14.1	21.1	
179	16.3	12.2	18.2	

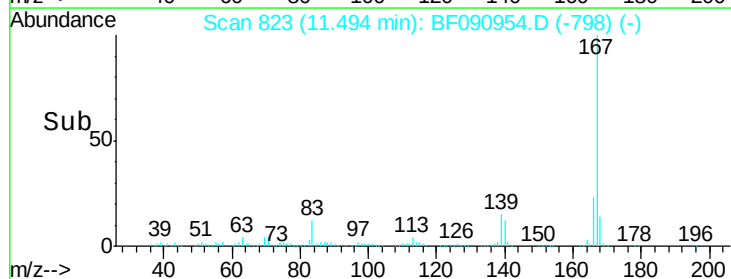
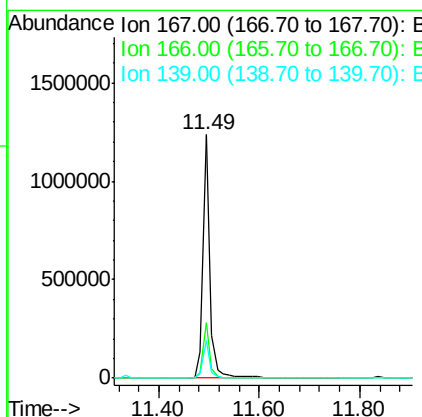
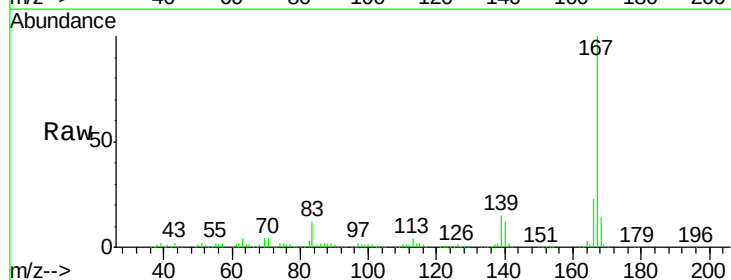
Manual Integrations
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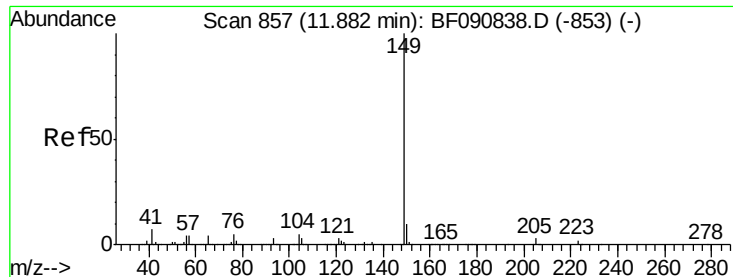
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 11/2/2016 5:41:42 PM



#72
 Carbazole
 Concen: 41.28 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.7	15.7	23.5	
139	15.3	9.5	14.3	





#73

Di-n-butylphthalate

Concen: 43.37 ng

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:149 Resp: 1619809

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.2

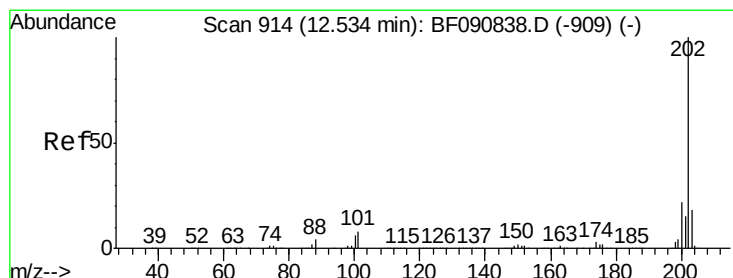
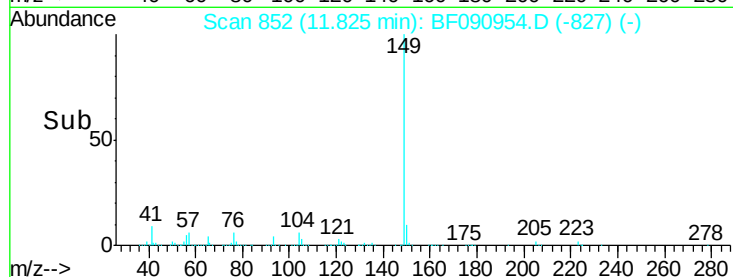
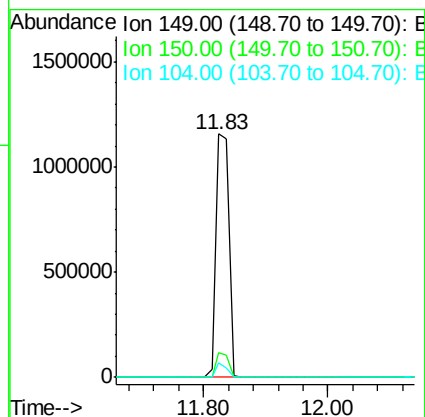
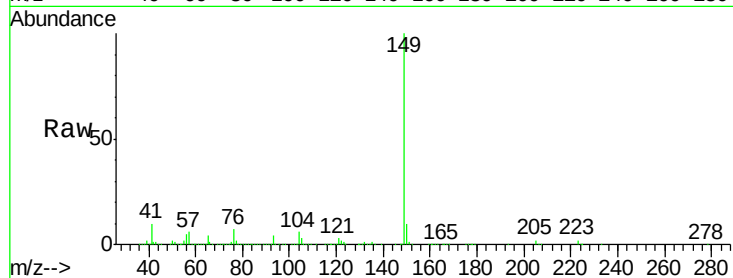
104 6.0 2.4 3.6#

Manual Integrations

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#74

Fluoranthene

Concen: 37.74 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

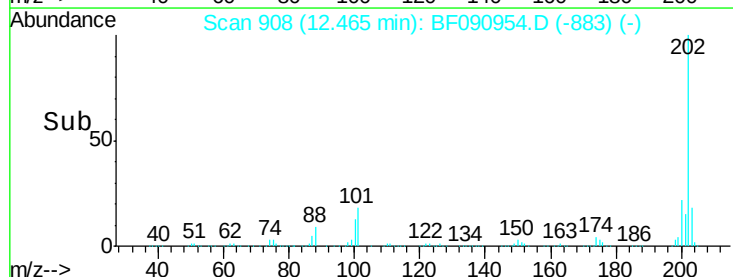
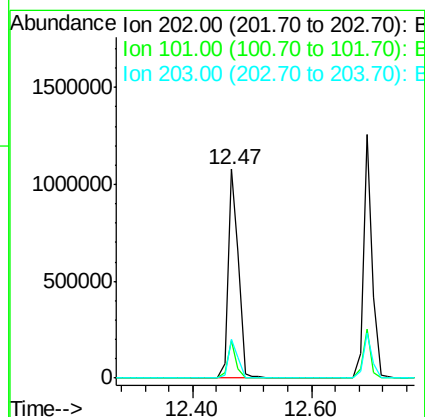
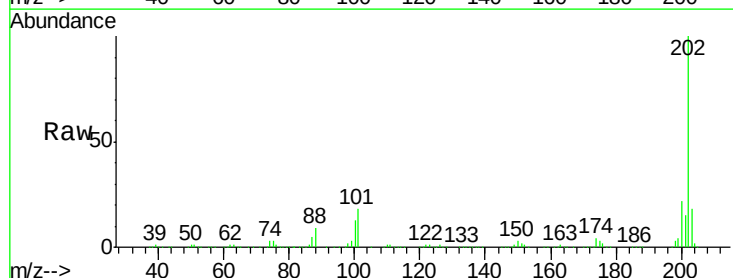
Tgt Ion:202 Resp: 1287602

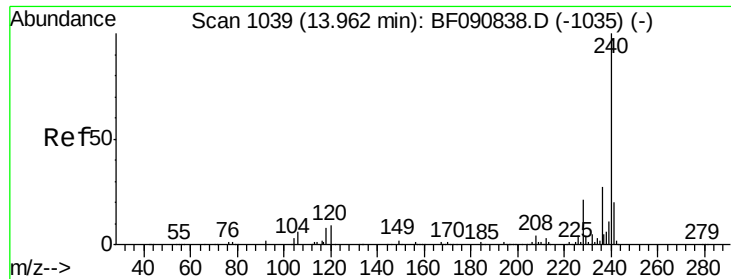
Ion Ratio Lower Upper

202 100

101 17.9 0.0 38.3

203 18.3 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: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

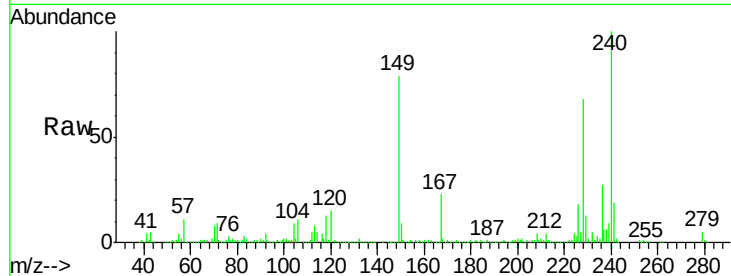
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	16.2	24.2#
236	27.0	18.4	27.6

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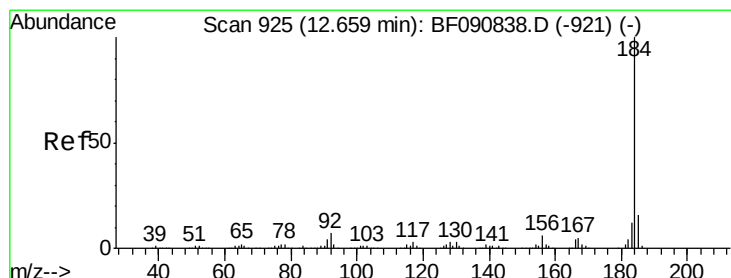
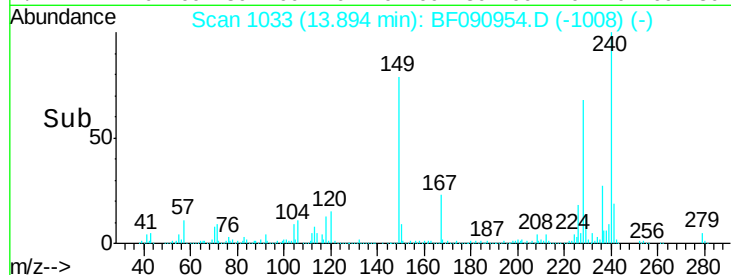
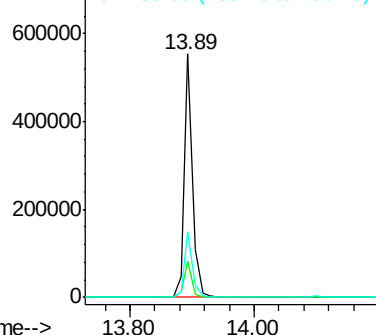
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.48 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF090954.D

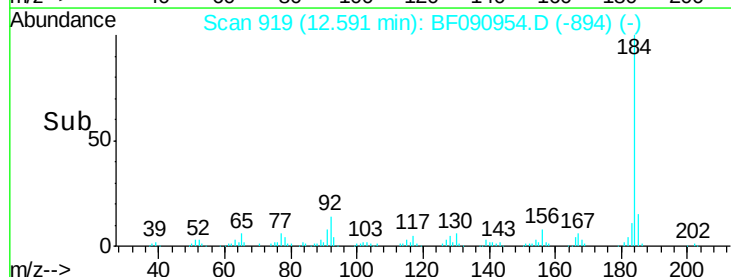
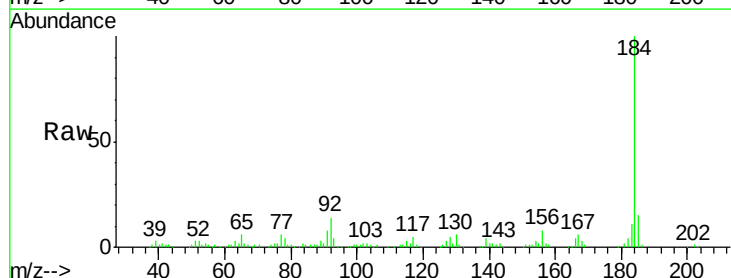
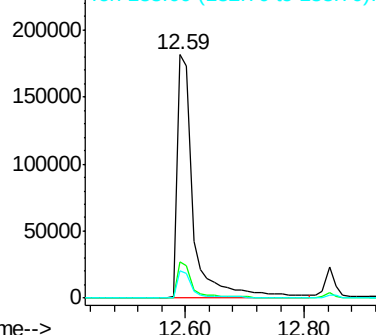
Acq: 1 Nov 2016 16:48

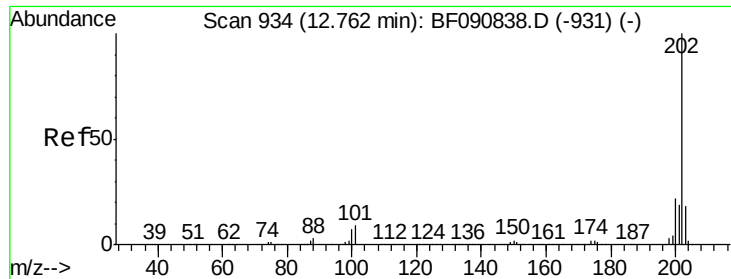
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.1	7.6	11.4

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





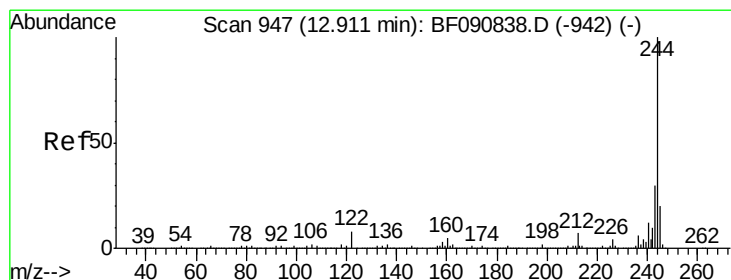
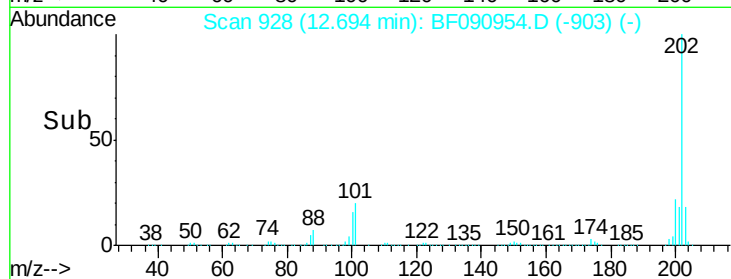
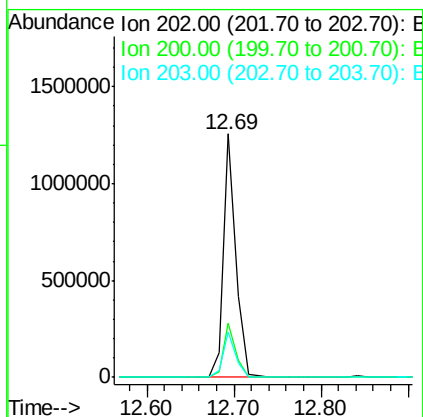
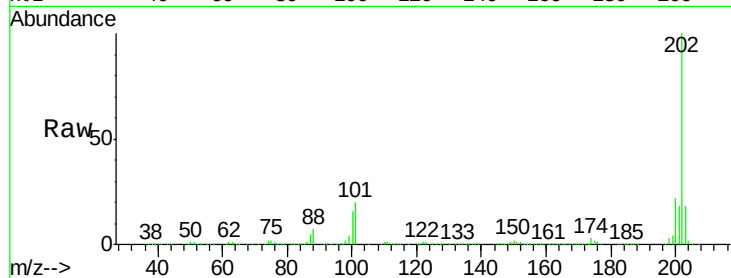
#77
Pvrene
Concen: 39.20 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	15.0	22.4
203	18.5	14.1	21.1

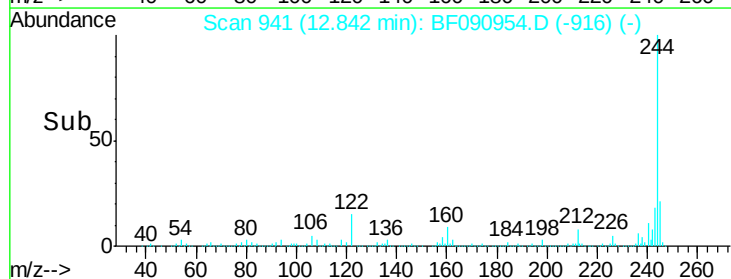
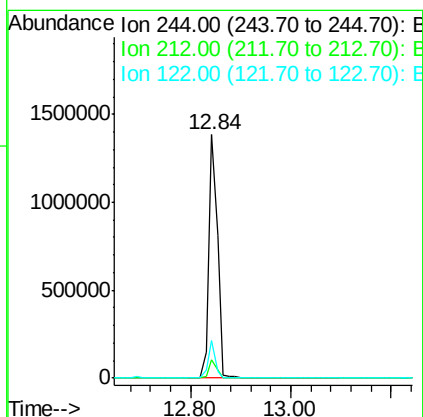
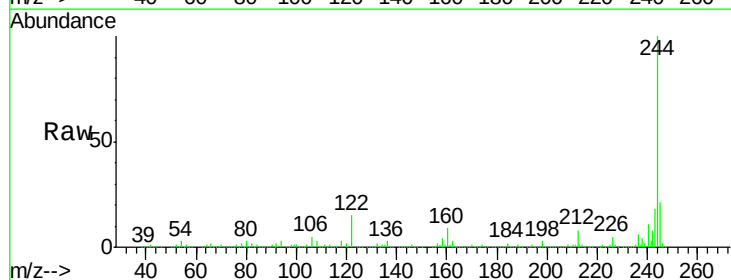
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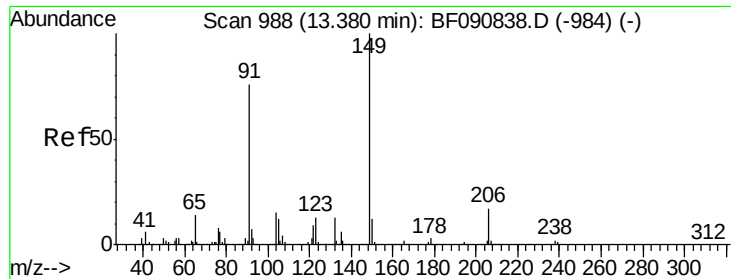
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#78
Terphenyl-d14
Concen: 82.15 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	15.3	17.4	26.2#





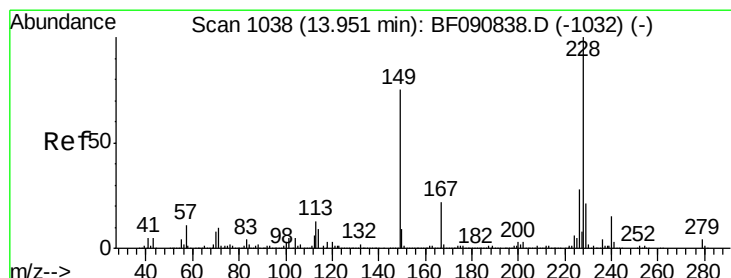
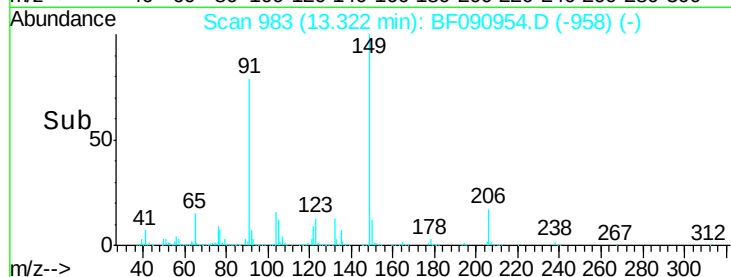
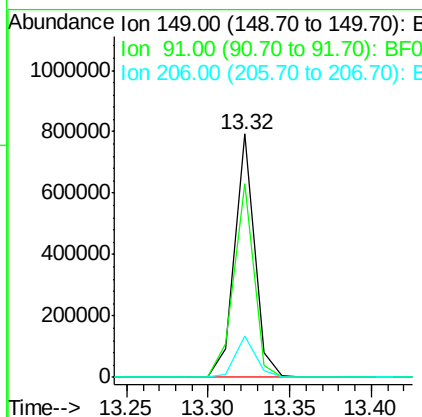
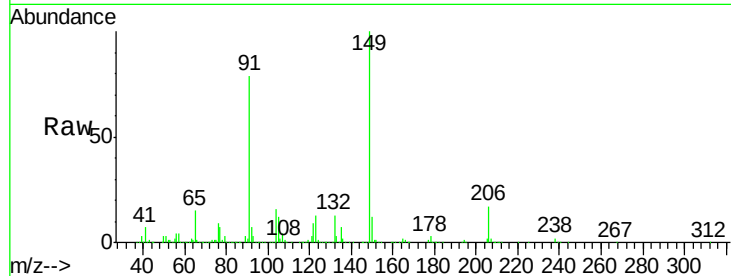
#79
Butylbenzylphthalate
Concen: 46.06 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.4	48.6	72.8#
206	16.7	14.9	22.3

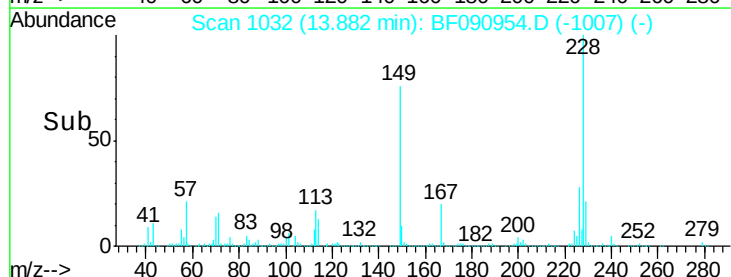
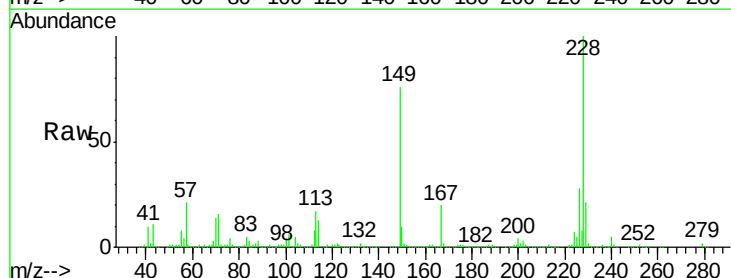
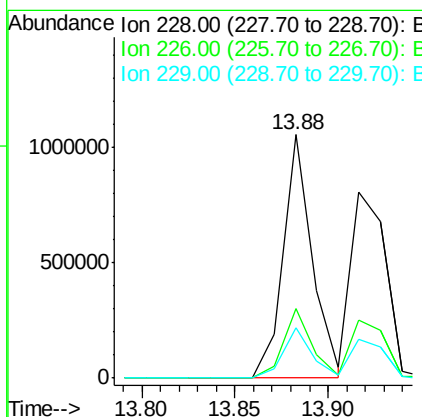
Manual Integrations
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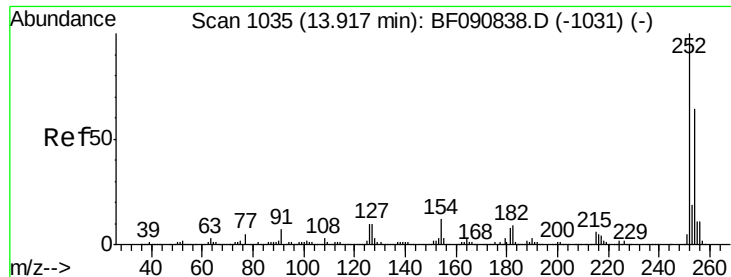
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#80
Benzo(a)anthracene
Concen: 42.78 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	20.0	30.0
229	20.6	15.4	23.2





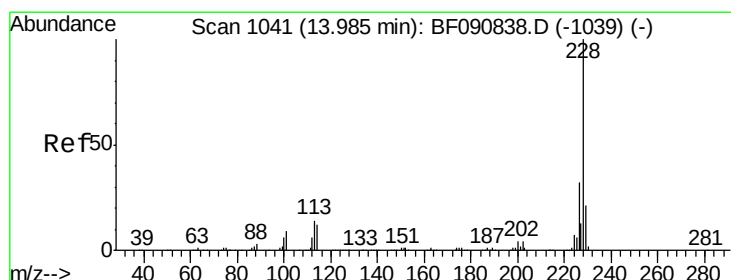
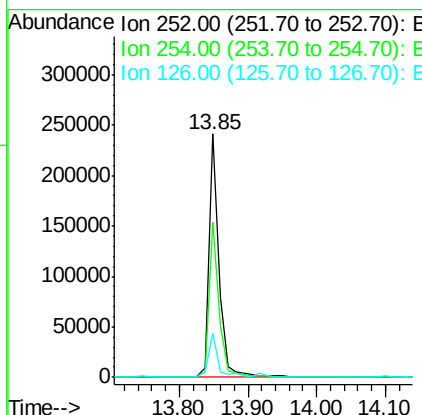
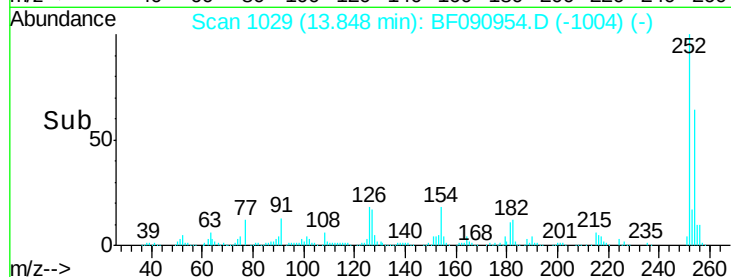
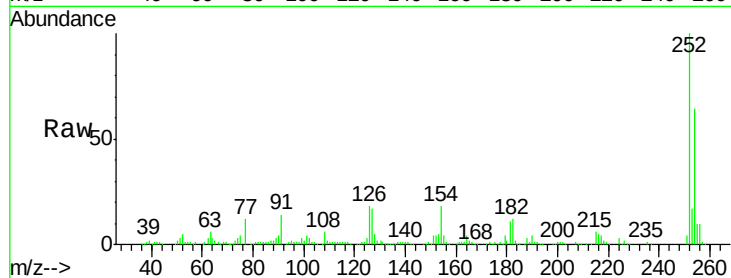
#81
 3,3'-Dichlorobenzidine
 Concen: 23.94 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.6	51.4	77.2
126	18.1	16.4	24.6

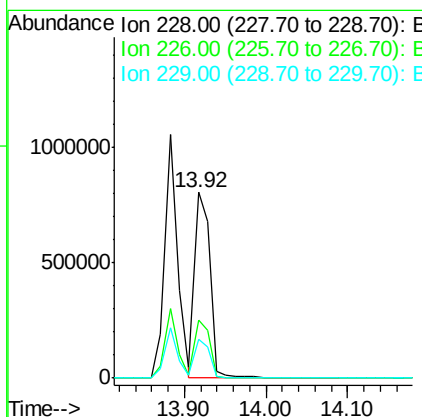
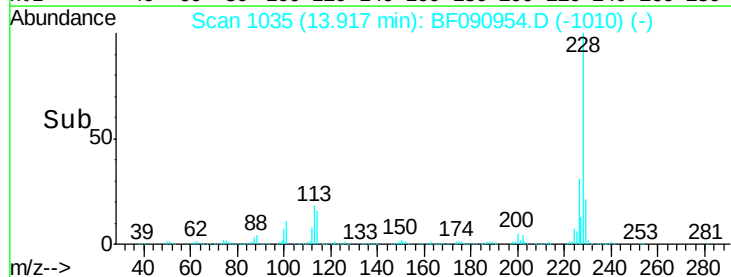
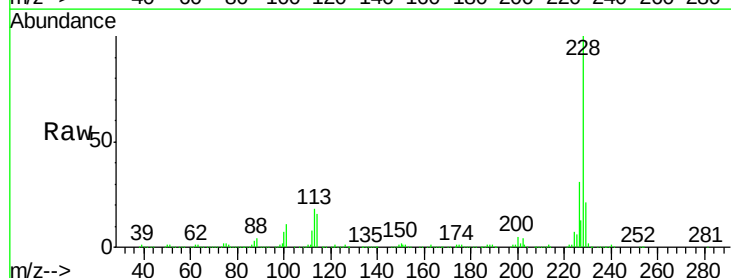
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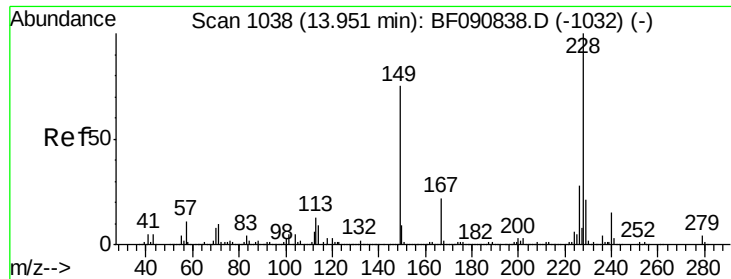
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#82
 Chrysene
 Concen: 39.18 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	21.0	31.4
229	20.7	15.6	23.4





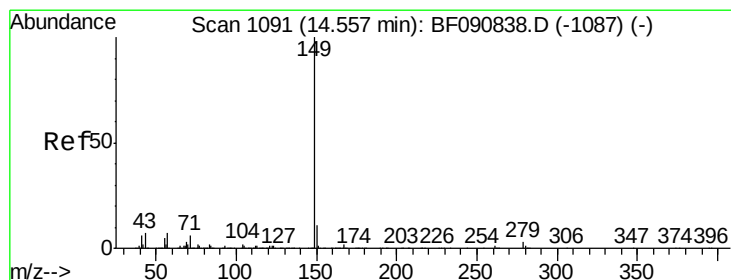
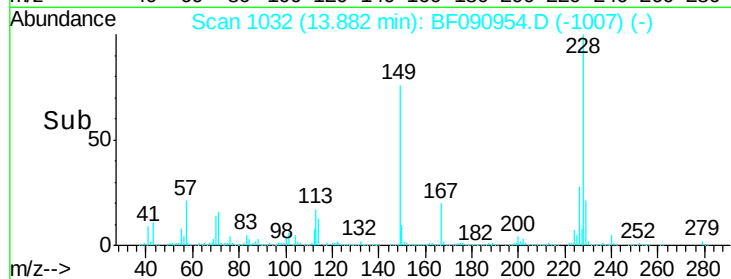
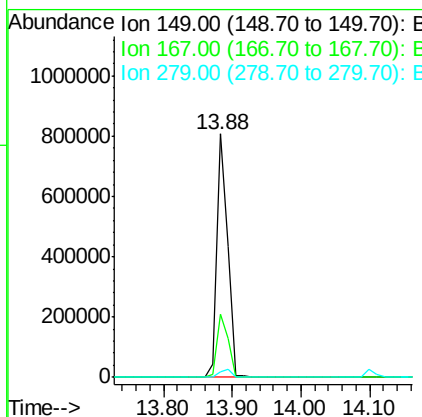
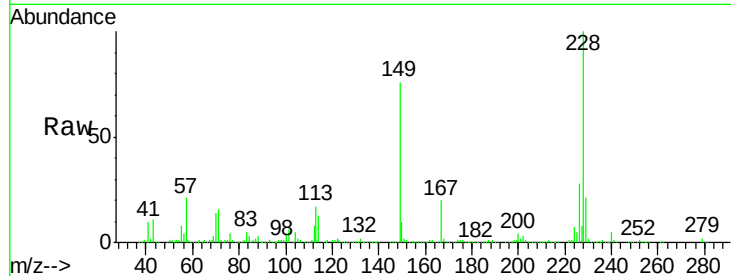
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.35 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.8	24.2	36.2
279	2.2	3.8	5.6#

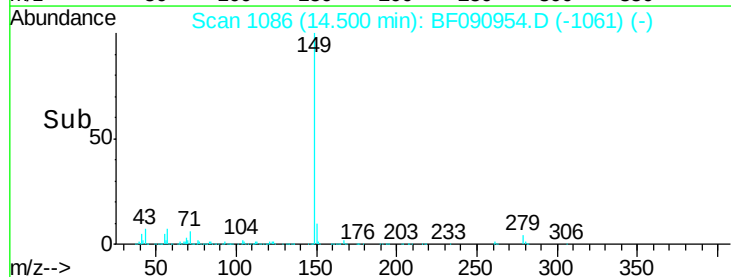
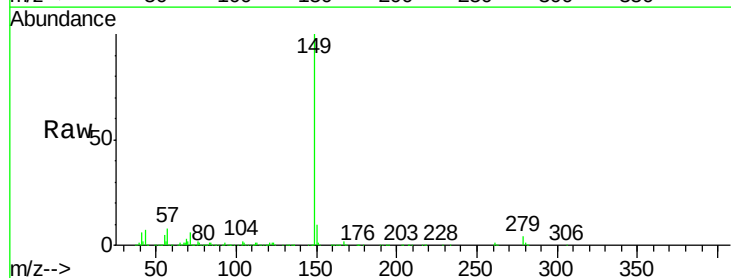
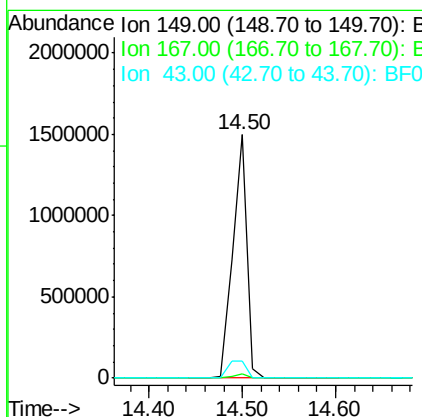
Manual Integrations
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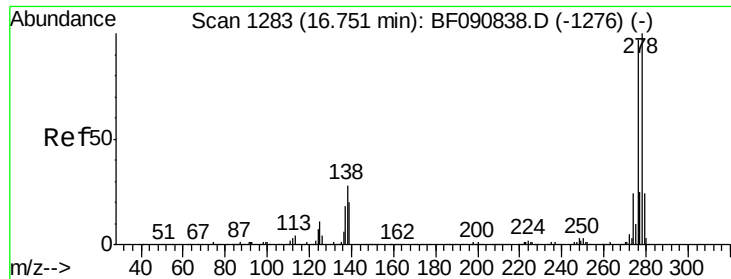
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#84
 Di-n-octyl phthalate
 Concen: 49.74 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6#
43	9.7	10.2	15.2#





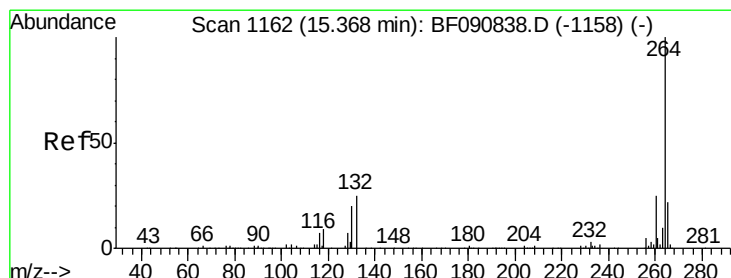
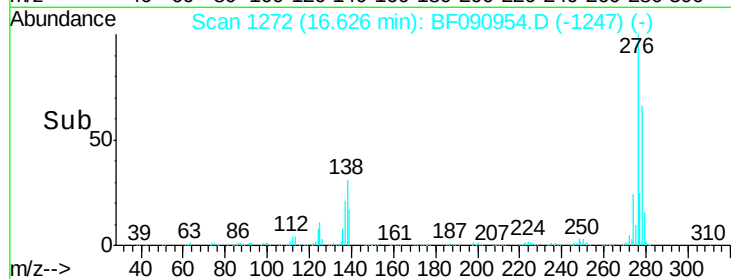
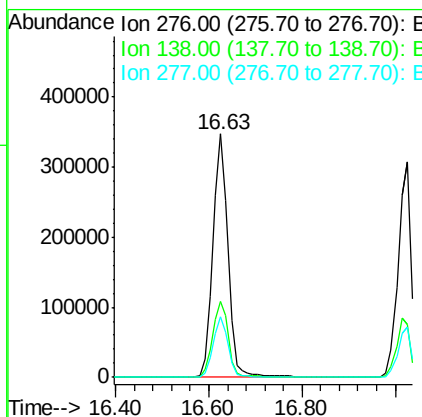
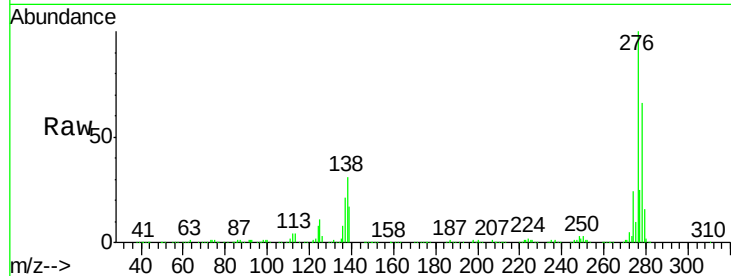
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.76 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.8	25.7	38.5
277	24.9	15.6	23.4

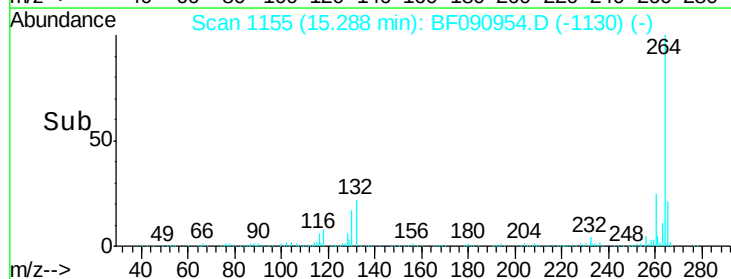
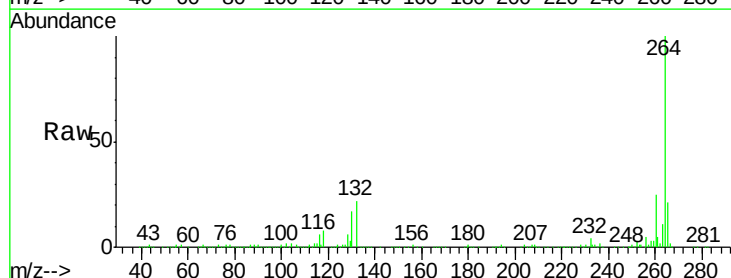
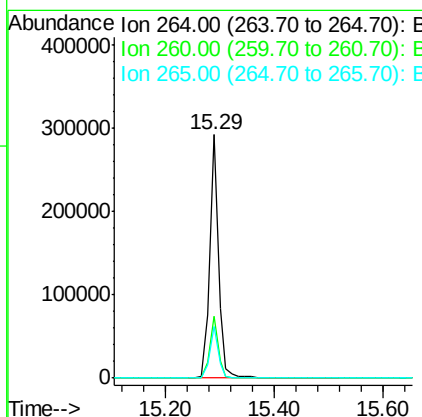
Manual Integrations
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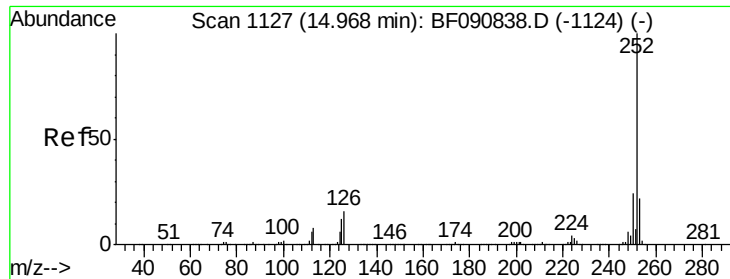
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.26 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Instrument :

BNA_F

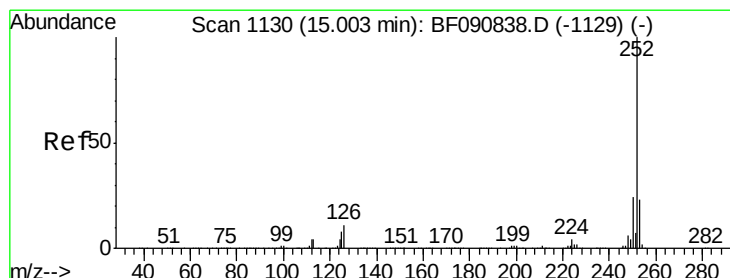
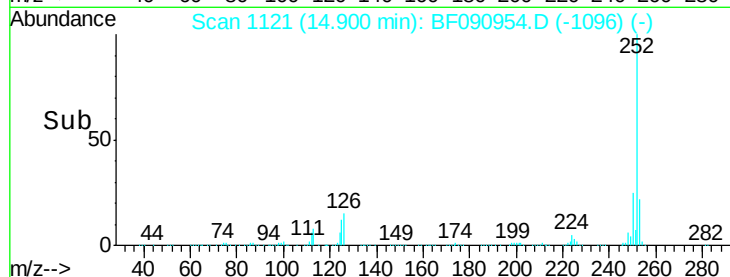
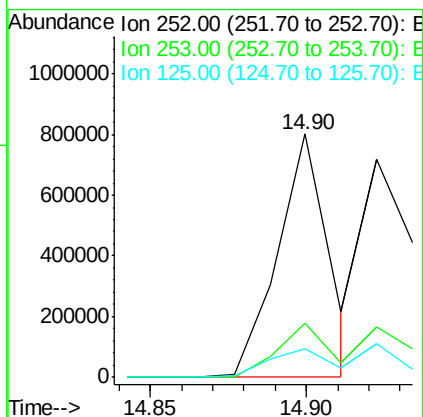
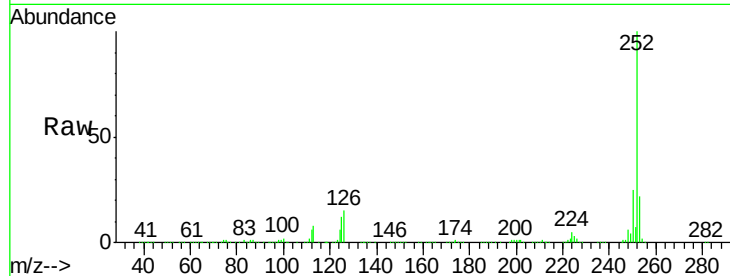
ClientSampleId :

SB-70-0.5-1.0MSD

Tot Ion:	252	Resp:	915664
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	11.6	17.1	25.7#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.97 ng m

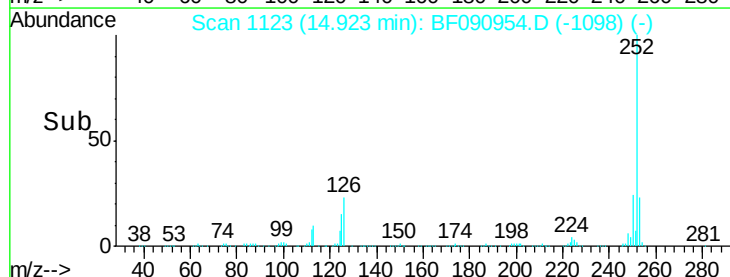
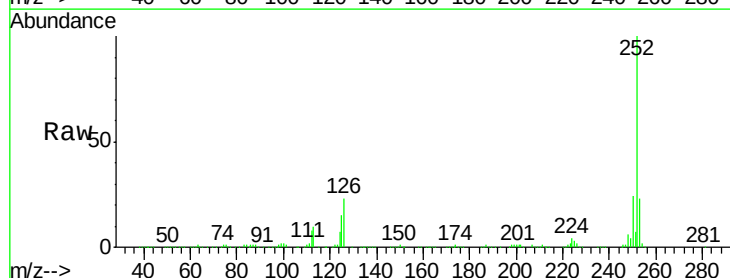
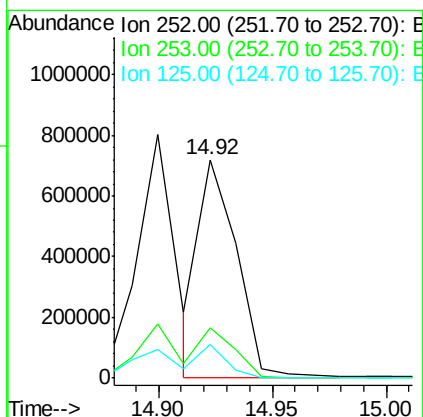
RT: 14.92 min Scan# 1123

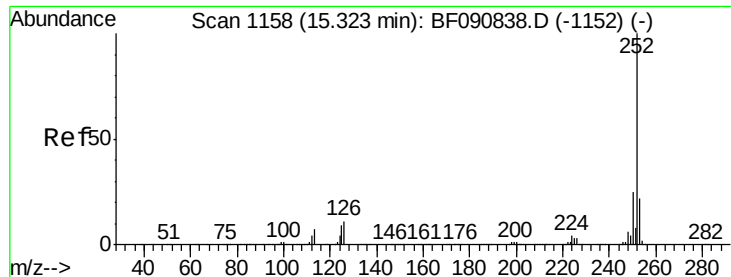
Delta R.T. -0.01 min

Lab File: BF090954.D

Acq: 1 Nov 2016 16:48

Tgt Ion:	252	Resp:	841264
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.4
125	15.5	16.0	24.0#





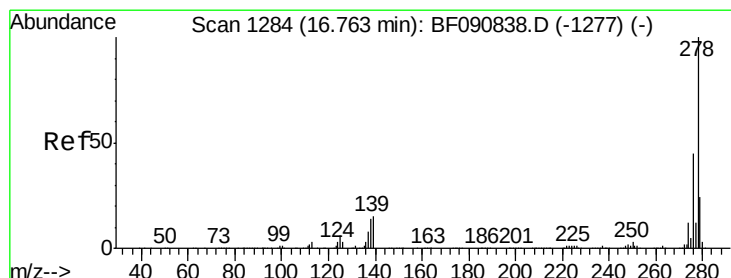
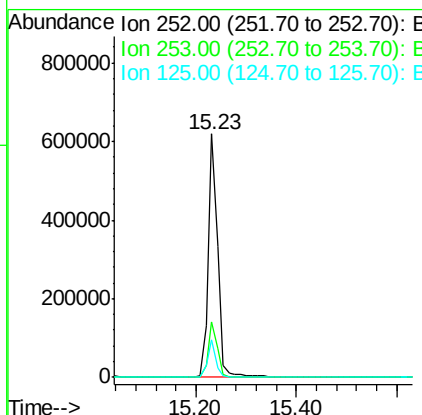
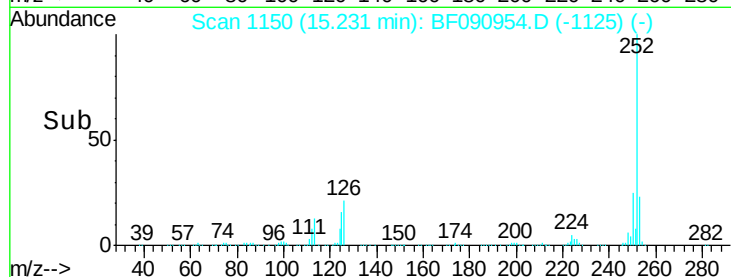
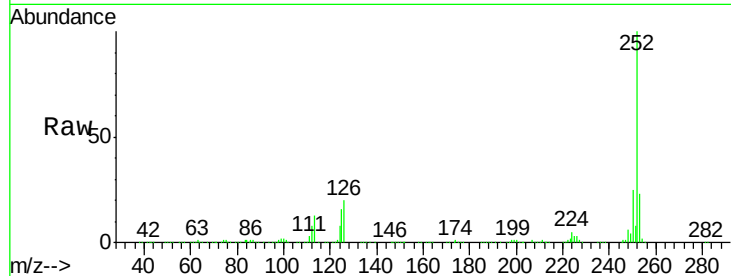
#89
Benzo(a)pyrene
Concen: 41.57 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	15.5	18.0	27.0

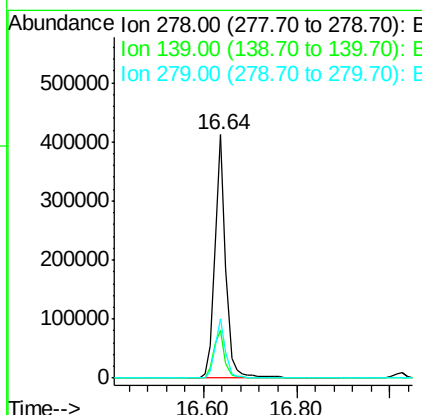
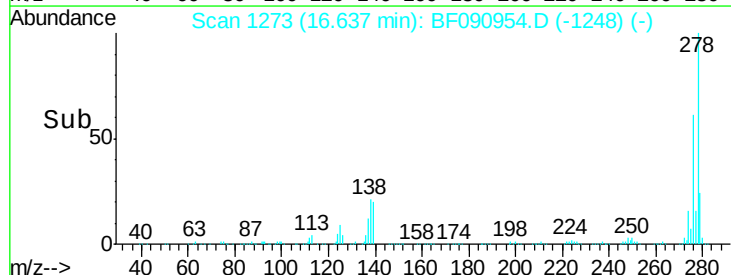
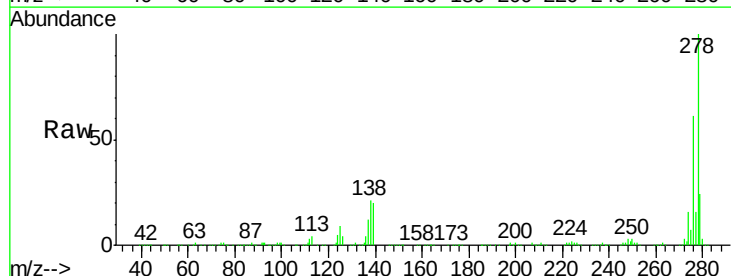
Manual Integrations
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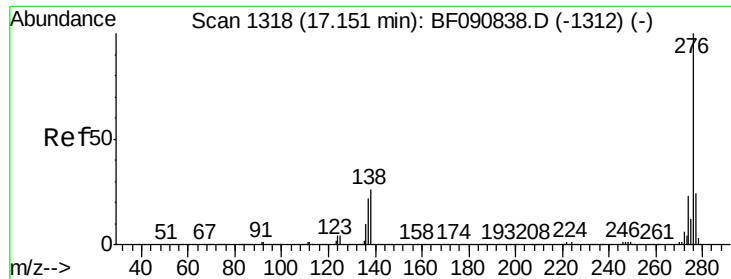
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#90
Dibenzo(a,h)anthracene
Concen: 41.70 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF090954.D
Acq: 1 Nov 2016 16:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	26.3	39.5
279	24.2	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.77 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF090954.D
 Acq: 1 Nov 2016 16:48

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

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.8	26.6
138	24.9	34.6	51.8

Manual Integrations
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