

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
 Data File : BF090930.D
 Acq On : 31 Oct 2016 16:11
 Operator : UM/SJ
 Sample : PB94407BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Manual Integrations
 APPROVED

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 11/1/2016 5:19:26 PM

Quant Time: Nov 01 13:05:07 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	6.75	152	138641	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	542790	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	310649	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	497605	20.00	ng	0.00
75) Chrysene-d12	13.91	240	474852	20.00	ng	0.00
86) Perylene-d12	15.30	264	329411	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1151429	145.21	ng	0.02
7) Phenol-d6	6.40	99	1390824	130.01	ng	0.00
23) Nitrobenzene-d5	7.32	82	936313	112.93	ng	0.00
41) 2,4,6-Tribromophenol	10.58	330	408772	128.04	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1687003	95.36	ng	0.00
78) Terphenyl-d14	12.85	244	1830640	97.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	141428	34.89	ng	# 75
3) Pyridine	3.01	79	439525	39.97	ng	# 72
4) n-Nitrosodimethylamine	2.97	42	156992	50.71	ng	# 56
6) Aniline	6.41	93	313264	25.63	ng	# 1
8) 2-Chlorophenol	6.53	128	411094	42.03	ng	93
9) Benzaldehyde	6.29	77	62726	11.35	ng	# 82
10) Phenol	6.41	94	408728	34.67	ng	# 27
11) bis(2-Chloroethyl)ether	6.49	93	406381	41.66	ng	95
12) 1,3-Dichlorobenzene	6.69	146	437480	43.72	ng	# 95
13) 1,4-Dichlorobenzene	6.76	146	423742	40.27	ng	# 89
14) 1,2-Dichlorobenzene	6.92	146	437848	43.41	ng	96
15) Benzyl Alcohol	6.90	79	330715	47.07	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.04	45	348808	35.94	ng	62
17) 2-Methylphenol	7.02	107	312246	41.96	ng	# 84
18) Hexachloroethane	7.26	117	176301	46.04	ng	# 74
19) n-Nitroso-di-n-propylamine	7.17	70	271938	43.97	ng	# 67
20) 3+4-Methylphenols	7.17	107	385780	44.78	ng	# 76
22) Acetophenone	7.16	105	520126	46.58	ng	# 82
24) Nitrobenzene	7.33	77	428039	48.81	ng	# 67
25) Isophorone	7.57	82	804490	47.81	ng	# 88
26) 2-Nitrophenol	7.65	139	220778	46.99	ng	# 73
27) 2,4-Dimethylphenol	7.70	122	356116	46.82	ng	# 79
28) bis(2-Chloroethoxy)methane	7.79	93	506562	52.93	ng	# 93
29) 2,4-Dichlorophenol	7.90	162	348513	49.48	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	361535	44.42	ng	98
31) Naphthalene	8.05	128	1095527	43.18	ng	97
32) Benzoic acid	7.84	122	229472	41.55	ng	# 68
33) 4-Chloroaniline	8.11	127	162443	15.85	ng	# 92
34) Hexachlorobutadiene	8.18	225	211336	44.16	ng	100
35) Caprolactam	8.48	113	109950m	50.29	ng	
36) 4-Chloro-3-methylphenol	8.60	107	357572	46.68	ng	# 82
37) 2-Methylnaphthalene	8.75	142	799334	48.78	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	382988	44.94	ng	99
40) Hexachlorocyclopentadiene	8.91	237	314756	80.28	ng	99

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Quant Time: Nov 01 13:05:07 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 11:53:50 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	264891	48.15	ng	97
43) 2,4,5-Trichlorophenol	9.08	196	264718	46.72	ng	94
45) 1,1'-Biphenyl	9.22	154	981229	43.85	ng	93
46) 2-Chloronaphthalene	9.24	162	791207	46.48	ng	97
47) 2-Nitroaniline	9.33	65	226931	47.25	ng	# 69
48) Acenaphthylene	9.65	152	1194181	46.34	ng	96
49) Dimethylphthalate	9.52	163	865429	41.70	ng	# 97
50) 2,6-Dinitrotoluene	9.58	165	213836	46.65	ng	91
51) Acenaphthene	9.82	154	733640	41.33	ng	88
52) 3-Nitroaniline	9.74	138	105776	21.68	ng	# 56
53) 2,4-Dinitrophenol	9.86	184	188186	77.99	ng	# 75
54) Dibenzofuran	10.00	168	1073358	46.86	ng	# 89
55) 4-Nitrophenol	9.93	139	277165	93.14	ng	# 64
56) 2,4-Dinitrotoluene	9.98	165	255478	44.87	ng	# 80
57) Fluorene	10.34	166	896390	47.78	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.12	232	229436	45.34	ng	93
59) Diethylphthalate	10.22	149	976886	47.39	ng	97
60) 4-Chlorophenyl-phenylether	10.33	204	386145	42.16	ng	# 83
61) 4-Nitroaniline	10.36	138	187533	38.80	ng	# 56
62) Azobenzene	10.49	77	808143	39.86	ng	85
64) 4,6-Dinitro-2-methylphenol	10.40	198	142713	43.26	ng	# 73
65) n-Nitrosodiphenylamine	10.45	169	722495	47.40	ng	90
66) 4-Bromophenyl-phenylether	10.82	248	262526	48.18	ng	97
67) Hexachlorobenzene	10.89	284	310089	48.08	ng	# 82
68) Atrazine	10.99	200	238102	50.50	ng	87
69) Pentachlorophenol	11.08	266	315271	91.12	ng	98
70) Phenanthrene	11.30	178	1253290	49.46	ng	96
71) Anthracene	11.34	178	1165443	43.68	ng	97
72) Carbazole	11.50	167	1171236	49.71	ng	# 93
73) Di-n-butylphthalate	11.84	149	1408986	46.39	ng	# 97
74) Fluoranthene	12.48	202	1260087	45.41	ng	97
76) Benzidine	12.60	184	159324	15.37	ng	98
77) Pyrene	12.71	202	1261029	41.96	ng	95
79) Butylbenzylphthalate	13.33	149	657193	48.20	ng	# 85
80) Benzo(a)anthracene	13.89	228	1190752	47.25	ng	95
81) 3,3'-Dichlorobenzidine	13.86	252	264747	27.06	ng	97
82) Chrysene	13.94	228	1222512	47.96	ng	95
83) Bis(2-ethylhexyl)phthalate	13.89	149	860596	48.47	ng	# 93
84) Di-n-octyl phthalate	14.51	149	1570716	52.68	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.65	276	845609	37.43	ng	# 95
87) Benzo(b)fluoranthene	14.91	252	974544m	44.00	ng	
88) Benzo(k)fluoranthene	14.95	252	1005786m	57.46	ng	
89) Benzo(a)pyrene	15.24	252	894838	47.02	ng	# 93
90) Dibenzo(a,h)anthracene	16.66	278	722356	44.83	ng	# 83
91) Benzo(g,h,i)perylene	17.05	276	680822	44.87	ng	# 80

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

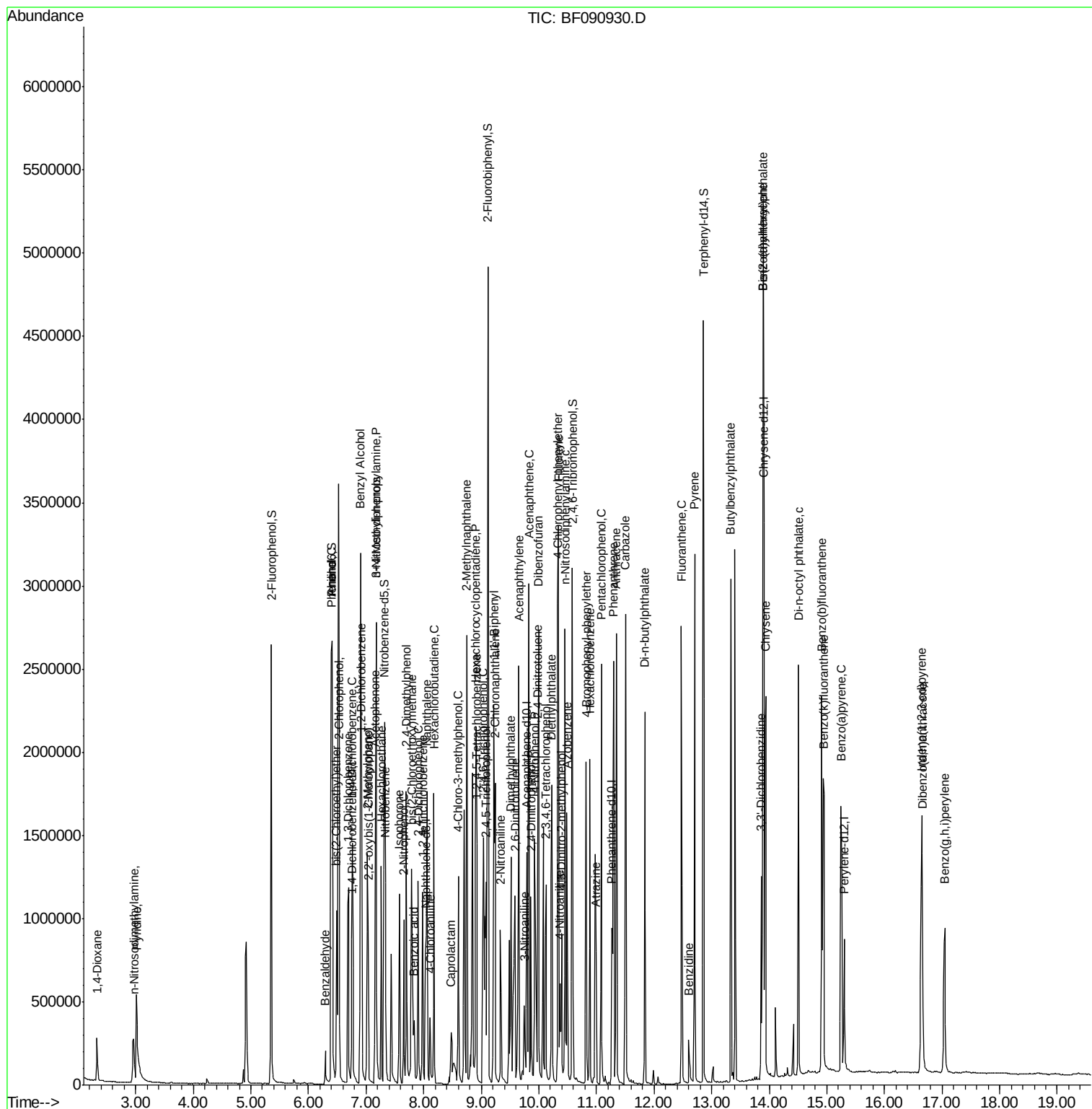
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103116\
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Acq On    : 31 Oct 2016   16:11
Operator  : UM/SJ
Sample    : PB94407BS
Misc      :
ALS Vial  : 10      Sample Multiplier: 1
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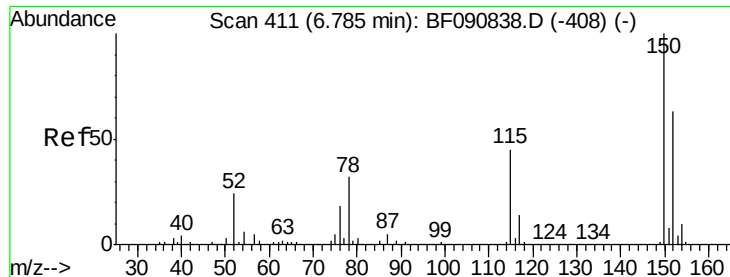
Instrument :
BNA_F
ClientSampleId :
PB94407BS

Manual Integrations APPROVED

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#1

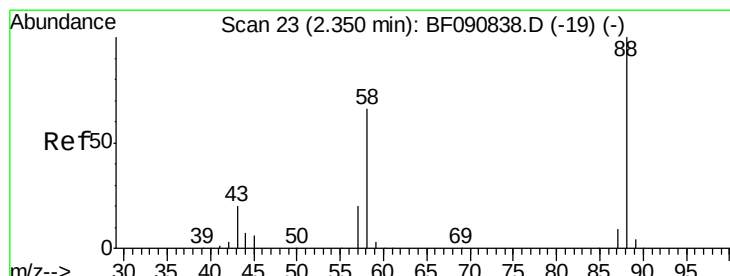
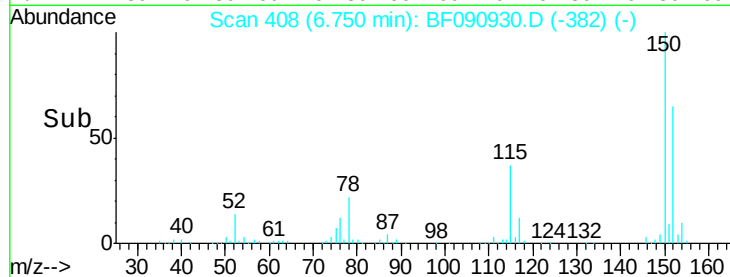
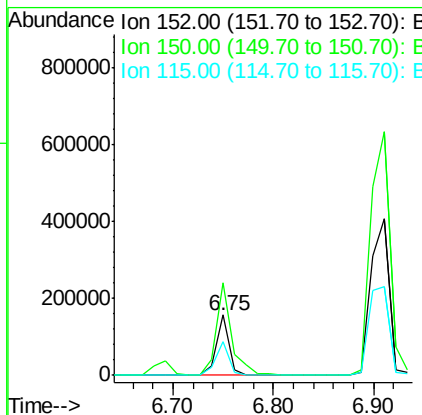
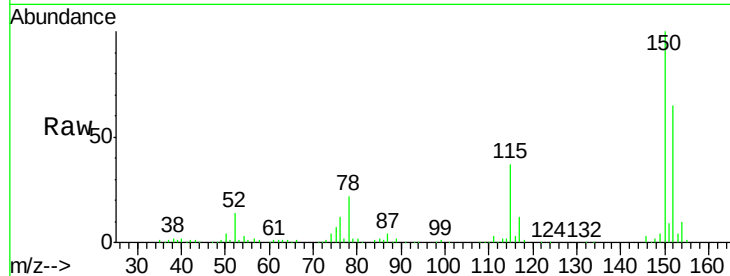
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	56.6	39.0	58.4

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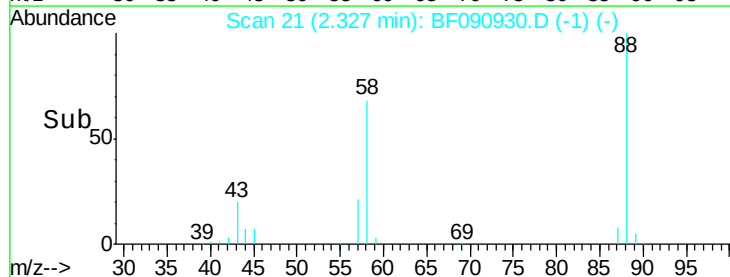
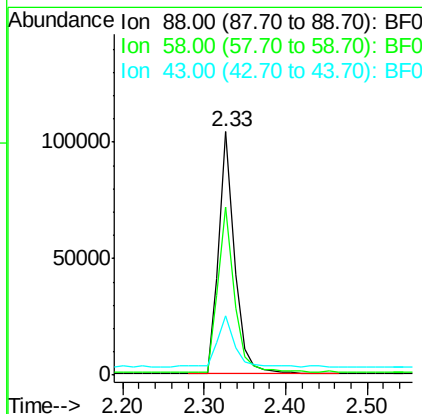
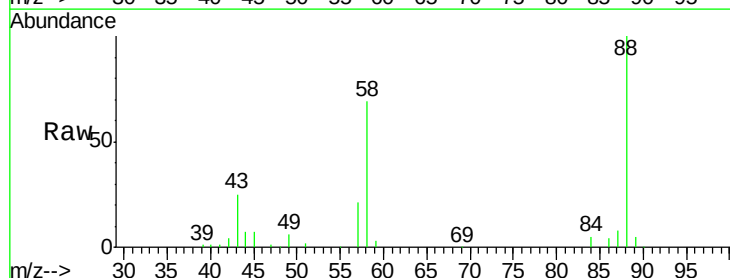
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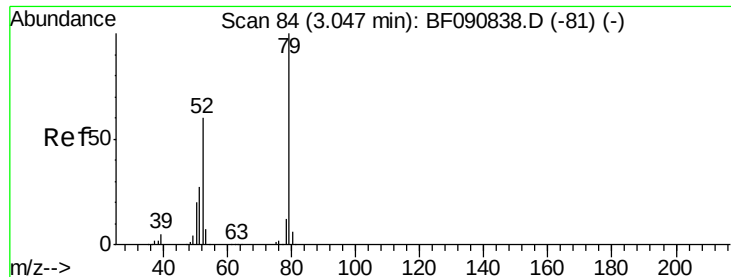


#2

1,4-Dioxane
Concen: 34.89 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.08 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	77.7	116.5#
43	23.4	26.6	40.0#





#3

Pyridine

Concen: 39.97 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampled :

PB94407BS

Tgt Ion: 79 Resp: 439525
Ion Ratio Lower Upper

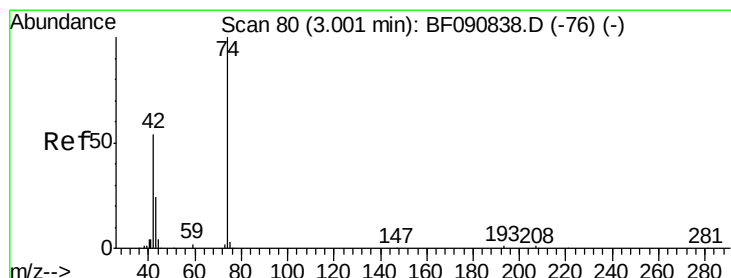
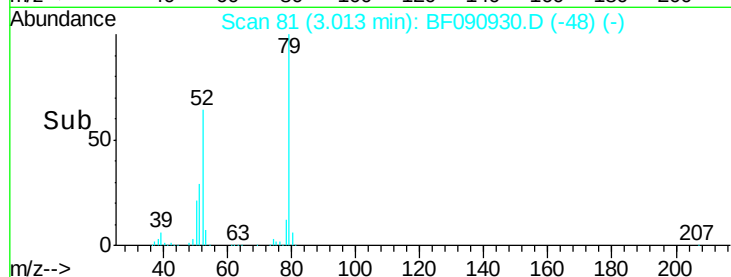
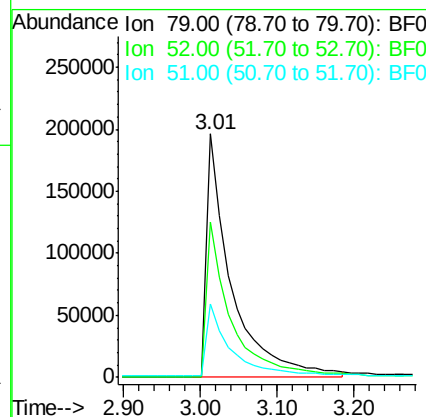
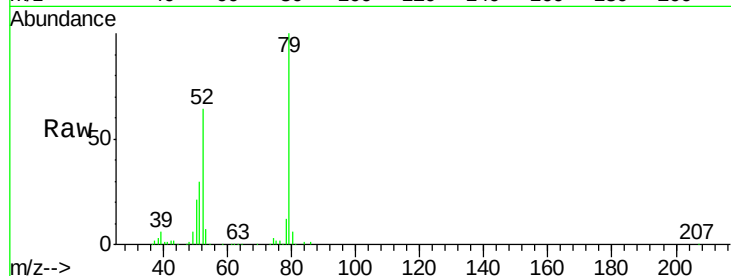
79 100

52 63.5 76.8 115.2#

51 30.1 32.2 48.4#

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#4

n-Nitrosodimethylamine

Concen: 50.71 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.08 min

Lab File: BF090930.D

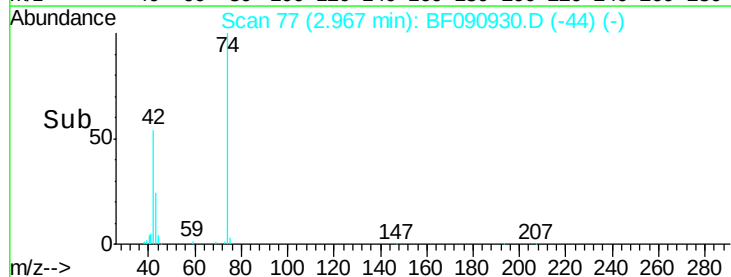
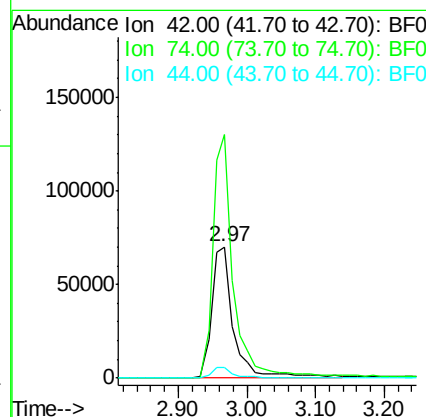
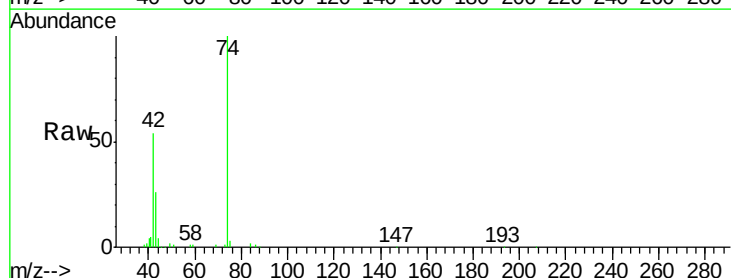
Acq: 31 Oct 2016 16:11

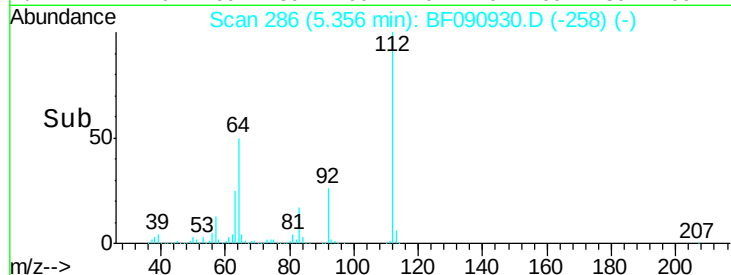
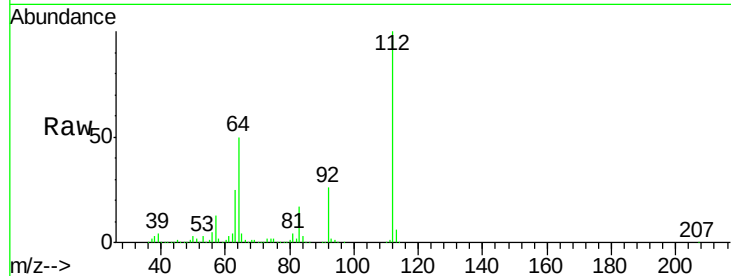
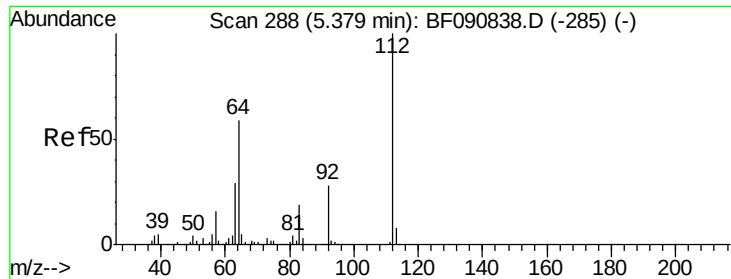
Tgt Ion: 42 Resp: 156992
Ion Ratio Lower Upper

42 100

74 185.8 105.0 157.6#

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 145.21 ng

RT: 5.36 min Scan# 286

Delta R.T. 0.02 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB94407BS

Tgt Ion: 112 Resp: 1151429

Ion Ratio Lower Upper

112 100

64 50.0 39.7 59.5

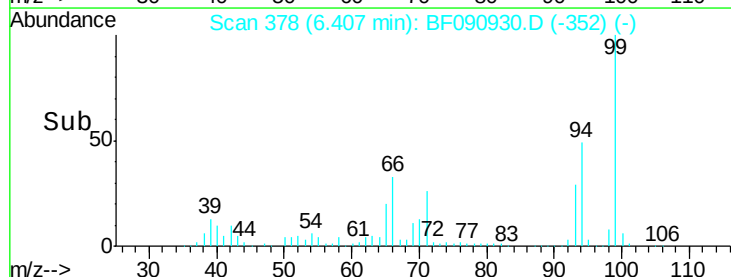
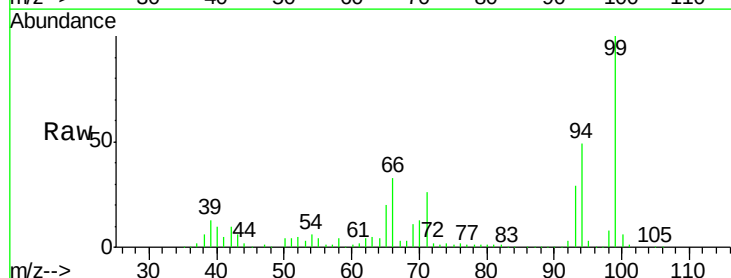
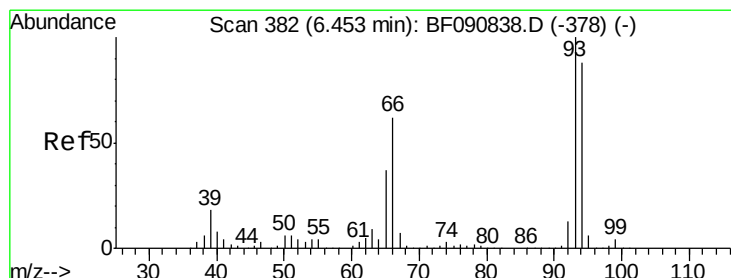
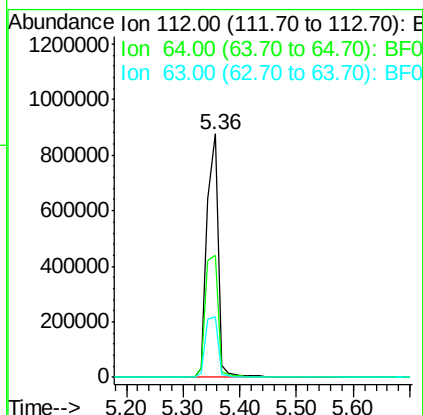
63 24.9 17.4 26.0

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#6

Aniline

Concen: 25.63 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

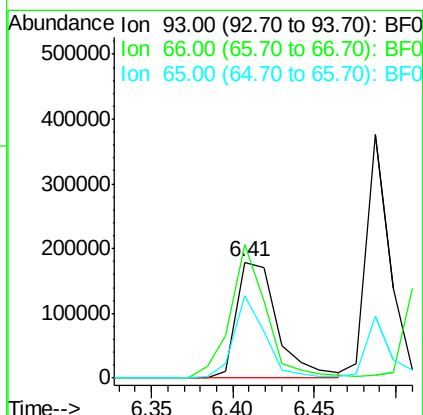
Tgt Ion: 93 Resp: 313264

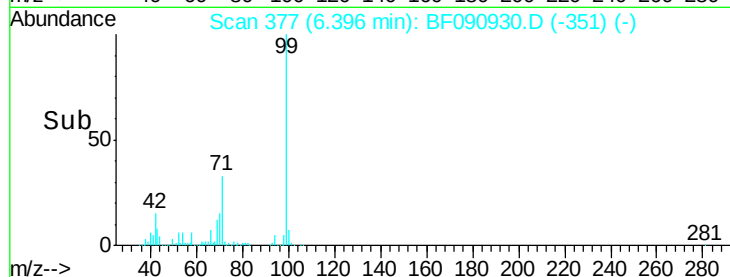
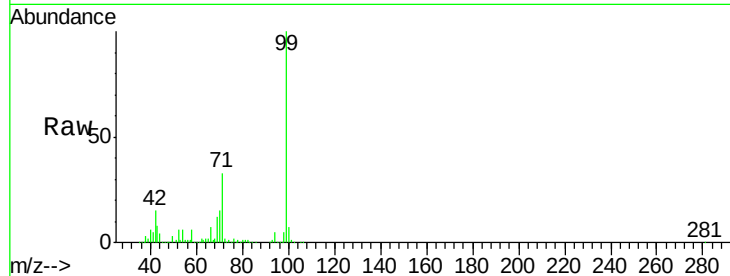
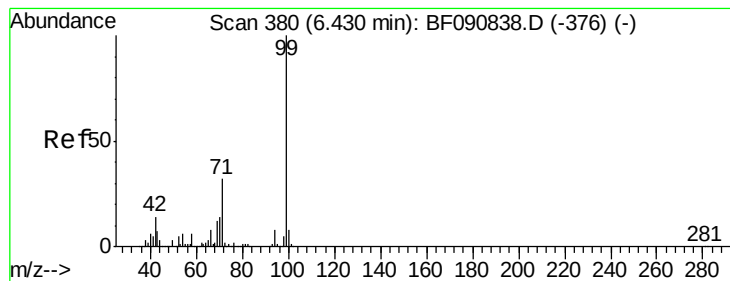
Ion Ratio Lower Upper

93 100

66 115.5 27.2 40.8#

65 71.3 14.7 22.1#





#7

Phenol-d6

Concen: 130.01 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	99	Resp:	1390824
Ion	Ratio	Lower	Upper
99	100		
42	14.9	13.7	20.5
71	32.9	14.2	21.2#

Instrument :

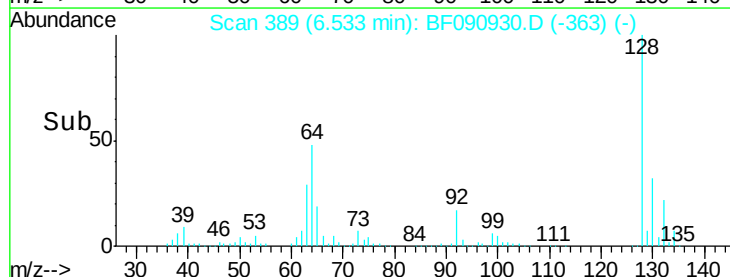
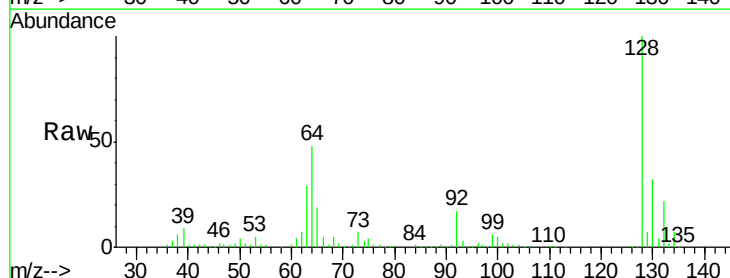
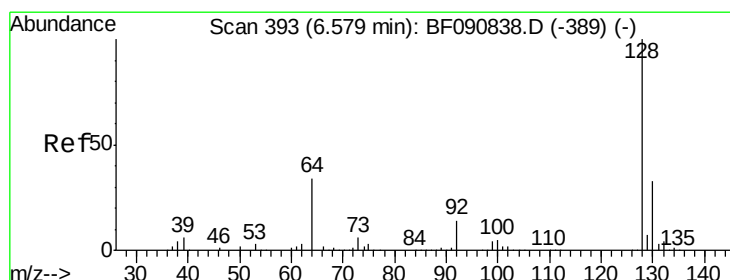
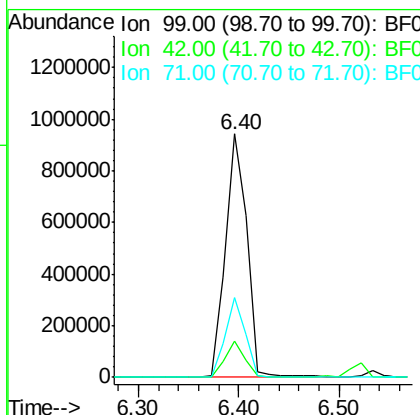
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.03 ng

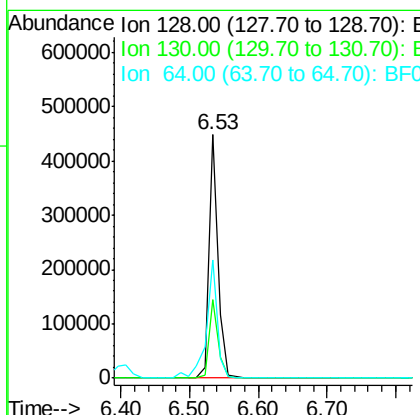
RT: 6.53 min Scan# 389

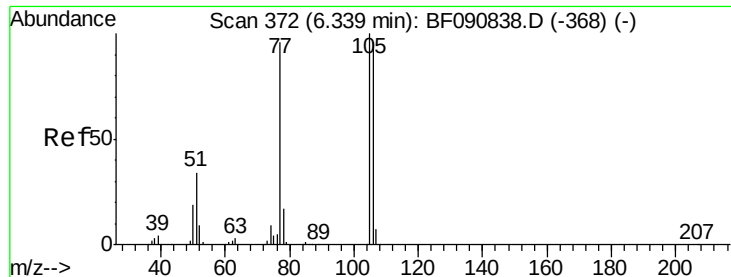
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	128	Resp:	411094
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	48.4	20.5	60.5





#9

Benzaldehyde

Concen: 11.35 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

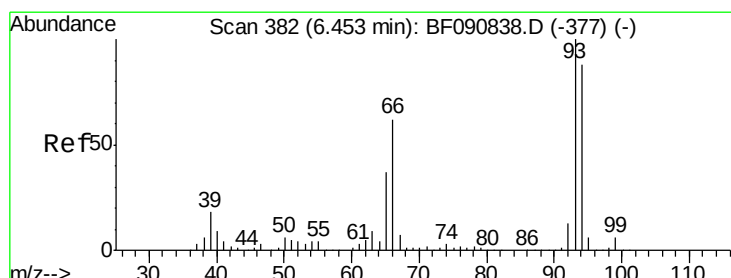
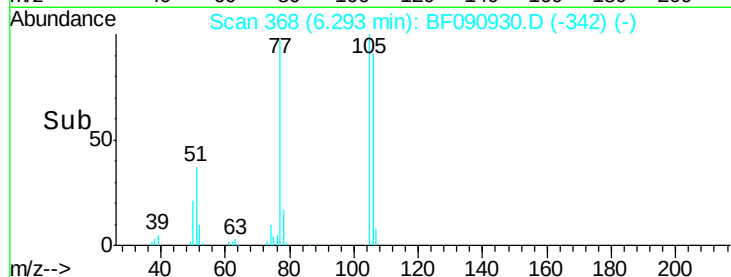
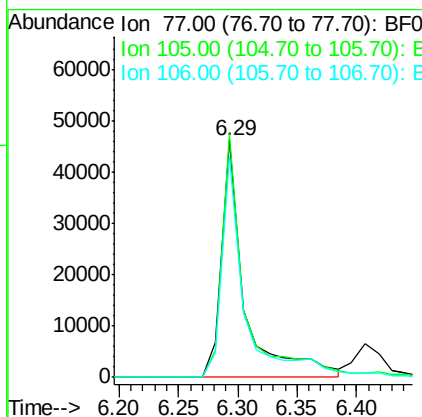
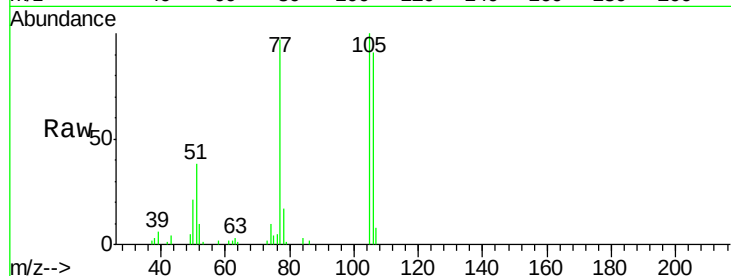
ClientSampleId :

PB94407BS

Tgt Ion: 77 Resp: 62726
 Ion Ratio Lower Upper
 77 100
 105 102.7 91.6 131.6
 106 93.2 102.6 142.6#

Manual Integrations
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#10

Phenol

Concen: 34.67 ng

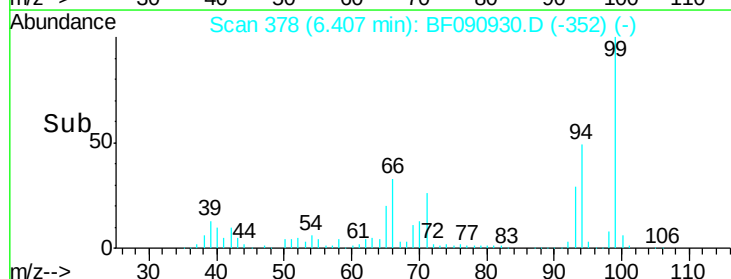
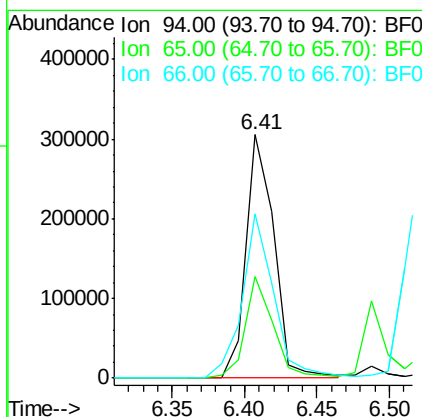
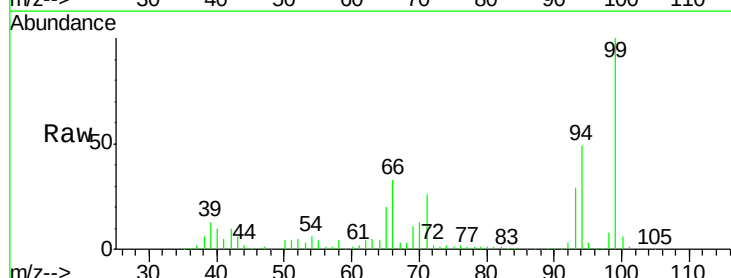
RT: 6.41 min Scan# 378

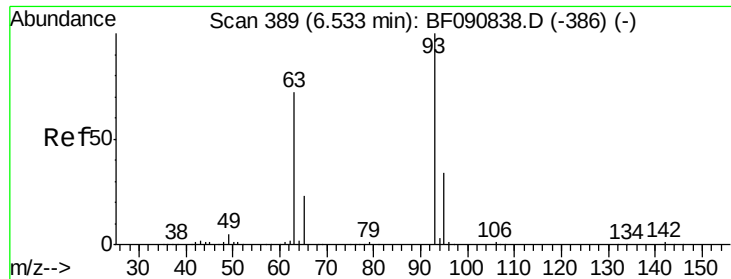
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion: 94 Resp: 408728
 Ion Ratio Lower Upper
 94 100
 65 41.6 0.7 40.7#
 66 67.5 0.8 40.8#





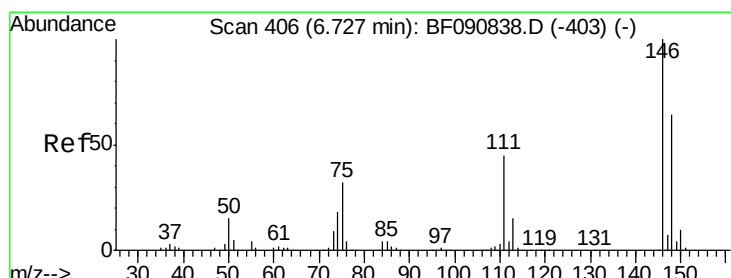
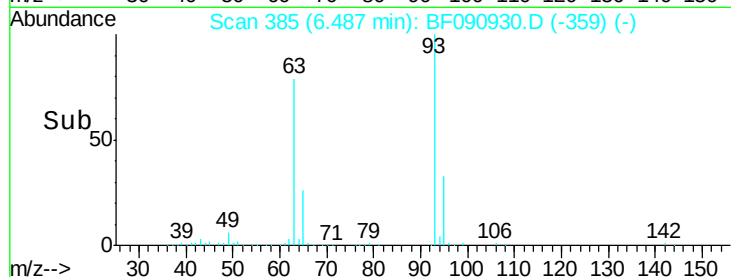
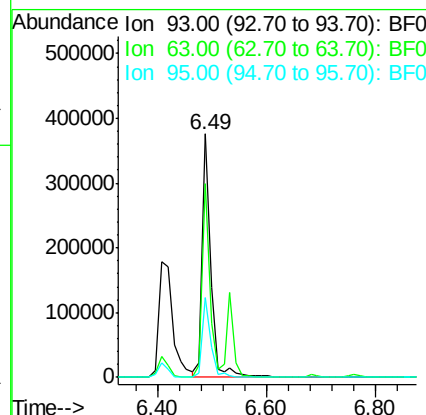
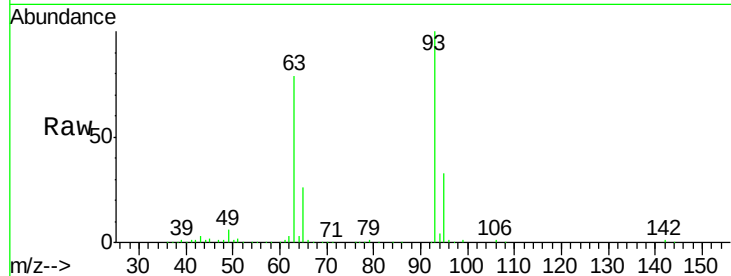
#11
bis(2-Chloroethyl)ether
Concen: 41.66 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	406381		
63	79.3	65.6	105.6	
95	32.5	13.6	53.6	

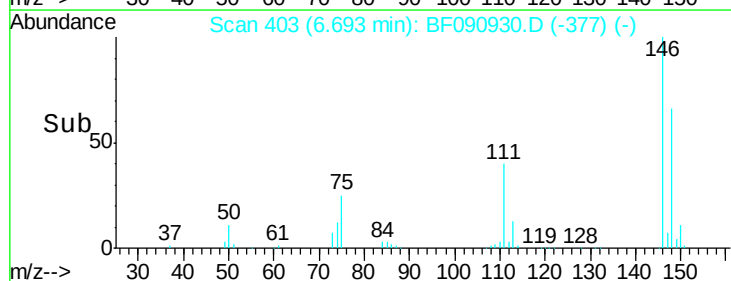
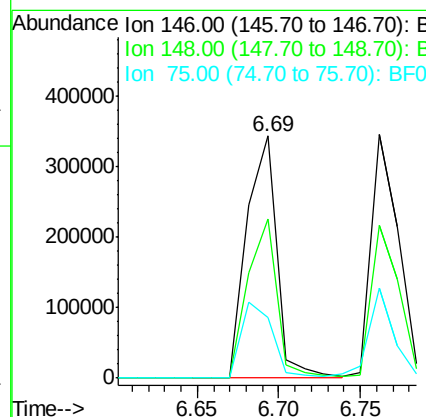
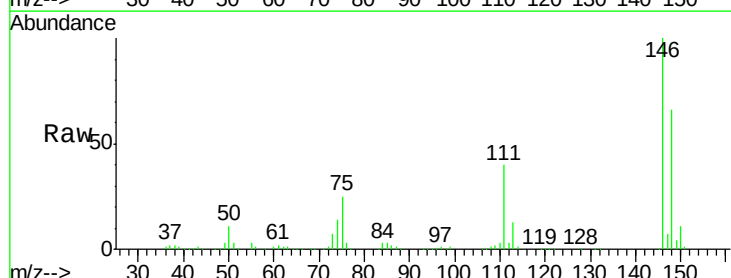
Manual Integrations
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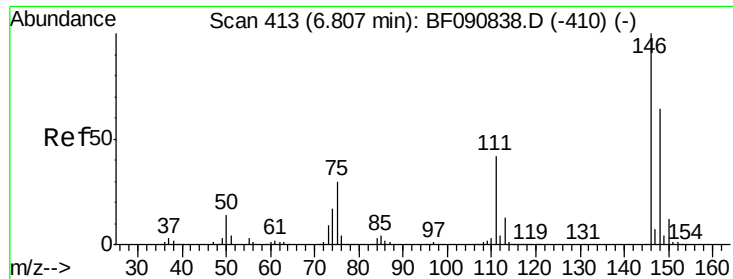
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#12
1,3-Dichlorobenzene
Concen: 43.72 ng
RT: 6.69 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	437480		
148	65.7	51.0	76.4	
75	25.0	15.0	22.6#	





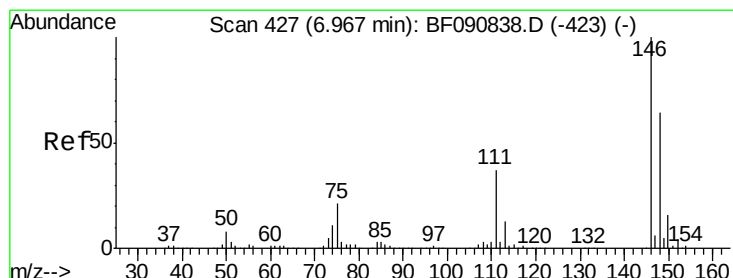
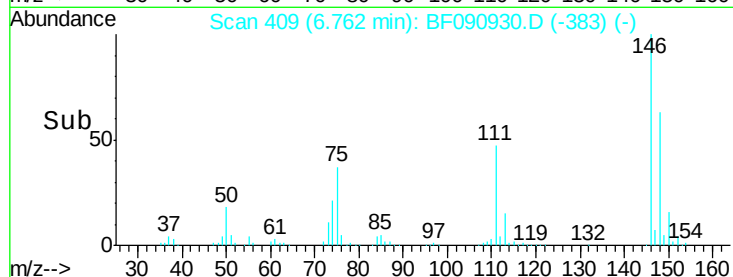
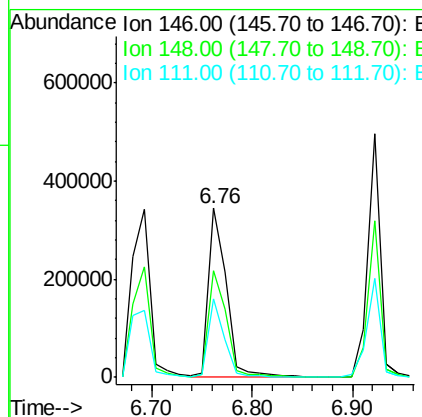
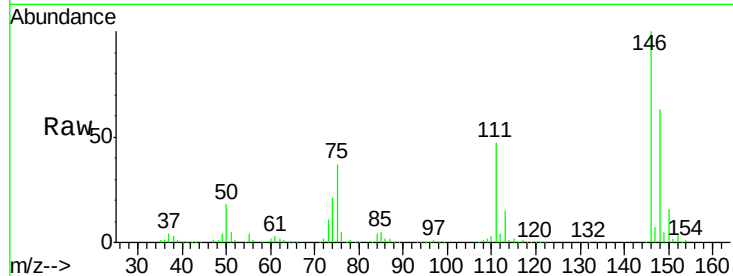
#13
 1,4-Dichlorobenzene
 Concen: 40.27 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
111	46.5	24.9	37.3

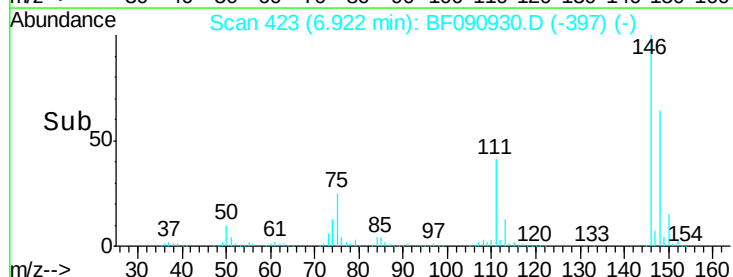
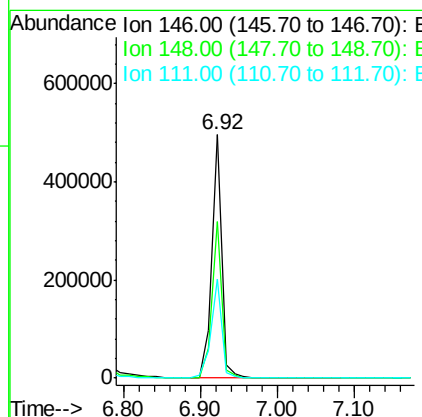
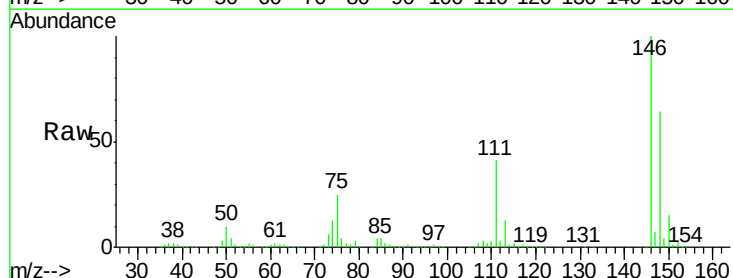
Manual Integrations
 APPROVED

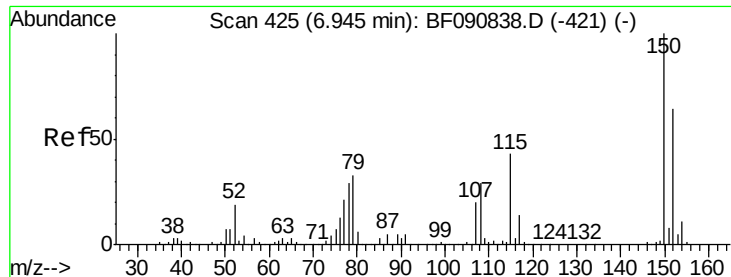
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#14
 1,2-Dichlorobenzene
 Concen: 43.41 ng
 RT: 6.92 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.7	79.1
111	40.7	28.8	43.2





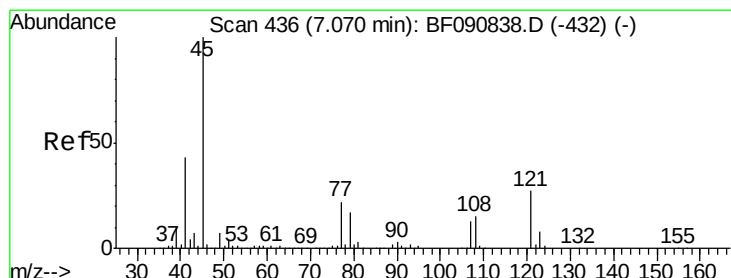
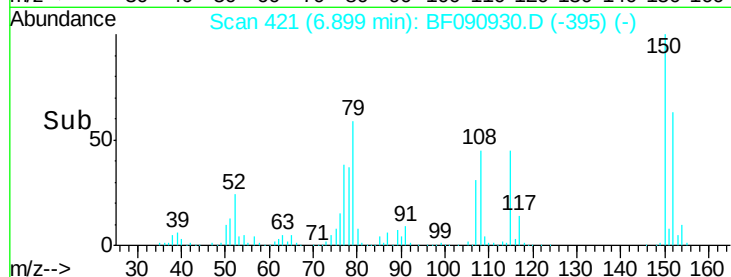
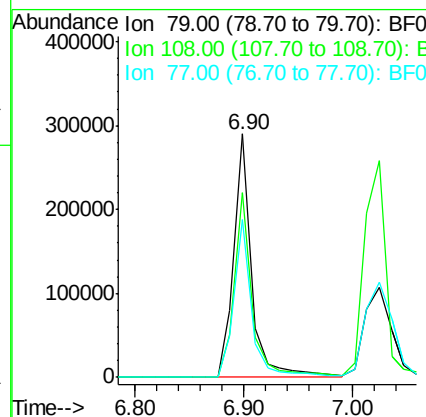
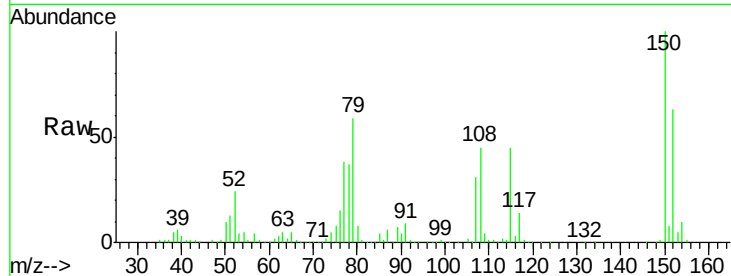
#15
Benzyl Alcohol
Concen: 47.07 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampled :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	330715		
108	75.9	88.6	132.8#	
77	64.7	47.0	70.4	

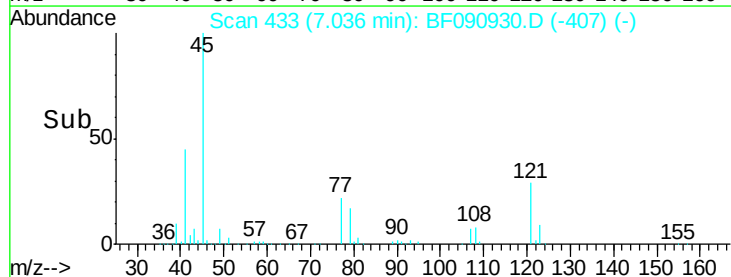
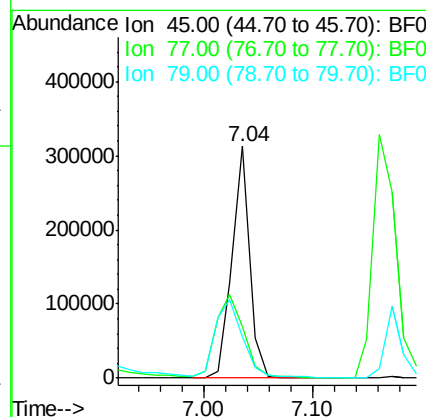
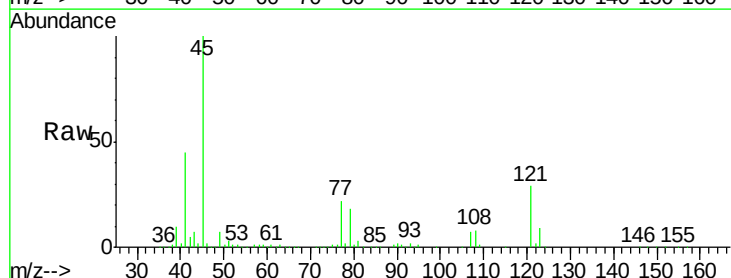
Manual Integrations
APPROVED

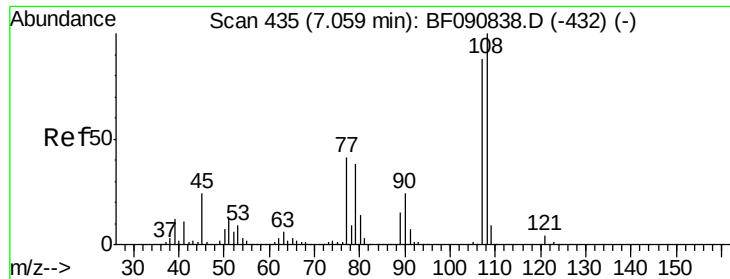
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.94 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	348808		
77	22.3	0.0	28.1	
79	17.7	0.0	26.0	





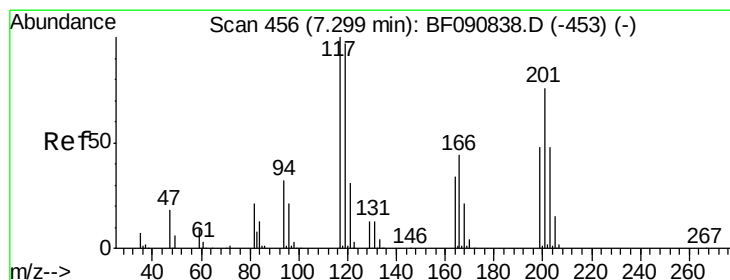
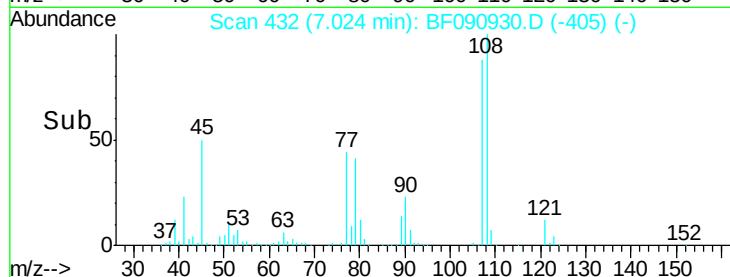
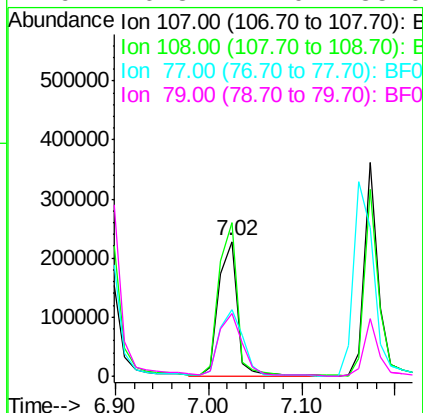
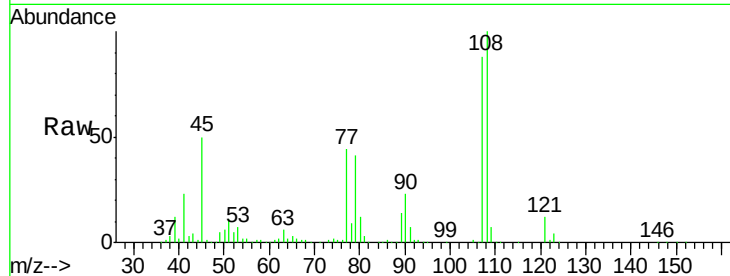
#17
2-Methylphenol
Concen: 41.96 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.01 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	96.6	145.0	
77	49.6	23.3	34.9#	
79	46.8	22.0	33.0#	

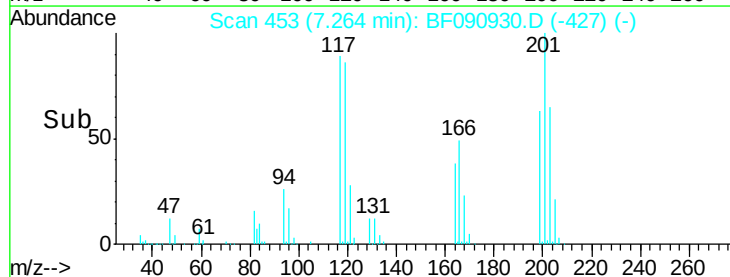
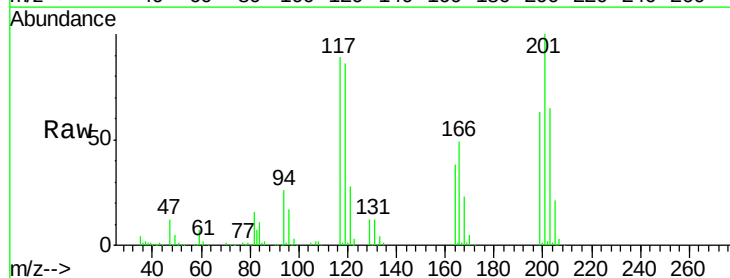
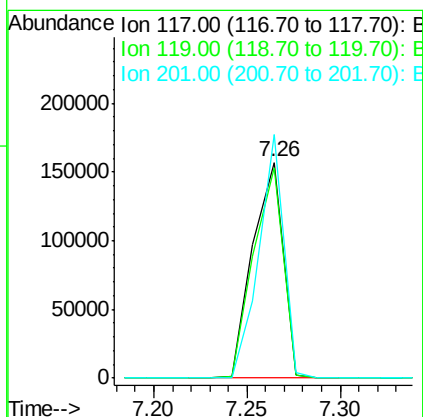
Manual Integrations
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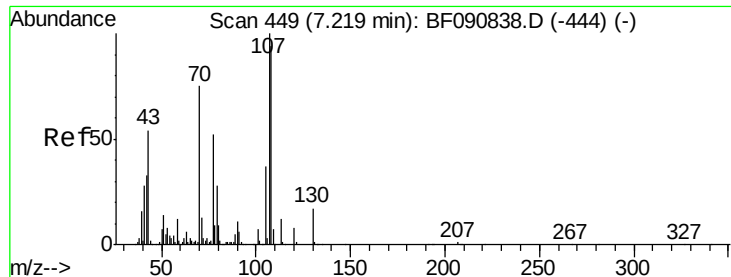
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#18
Hexachloroethane
Concen: 46.04 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	83.8	125.6	
201	113.0	55.1	82.7#	





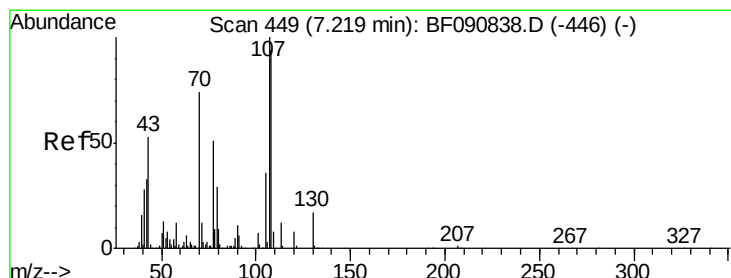
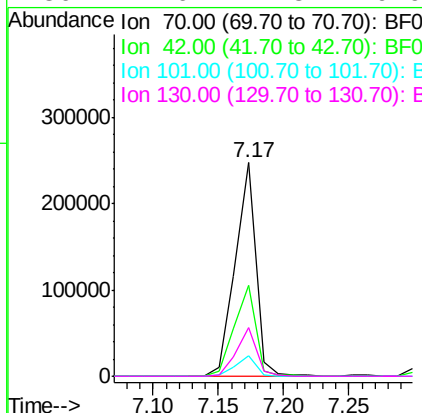
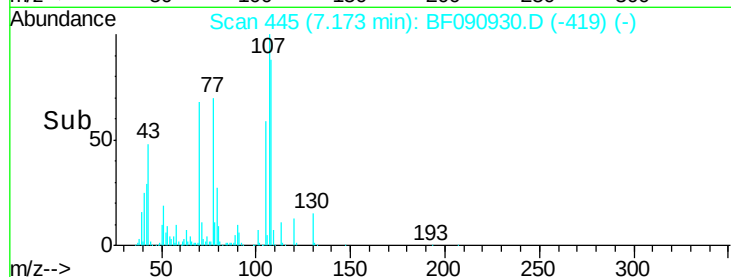
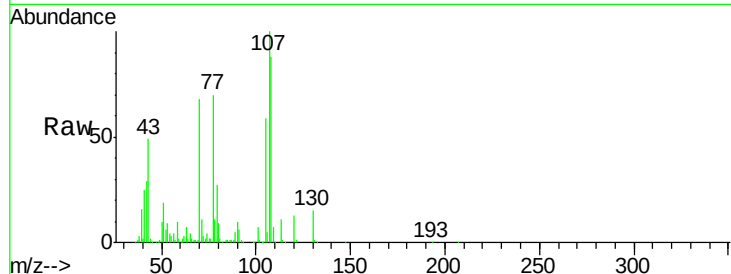
#19
n-Nitroso-di-n-propylamine
Concen: 43.97 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	271938		
42	42.7	63.8	95.6#	
101	9.5	9.2	13.8	
130	22.6	27.3	40.9#	

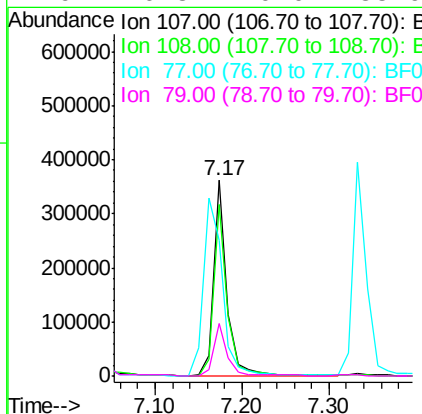
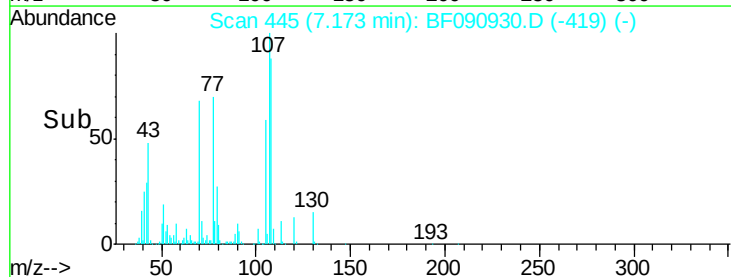
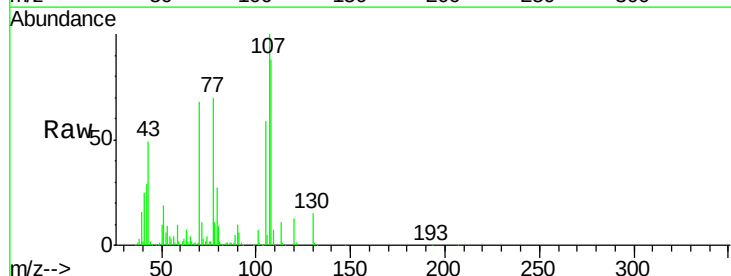
Manual Integrations
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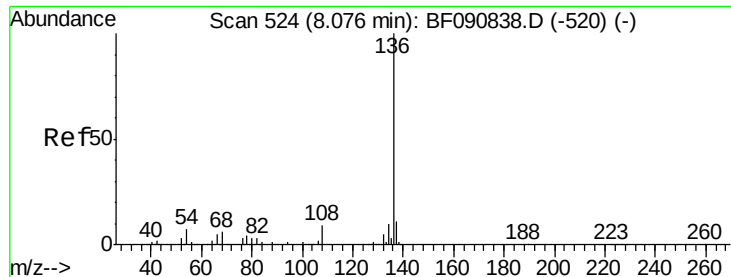
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#20
3+4-Methylphenols
Concen: 44.78 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	385780		
108	87.6	74.6	114.6	
77	69.6	0.7	40.7#	
79	26.8	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: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

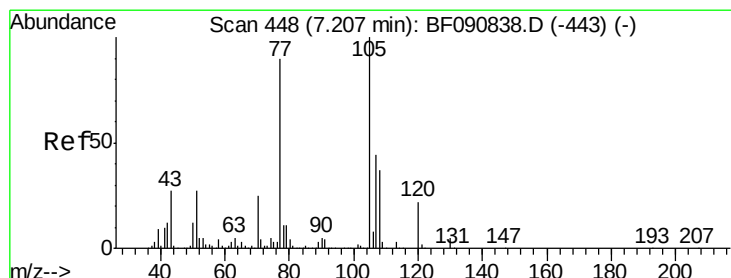
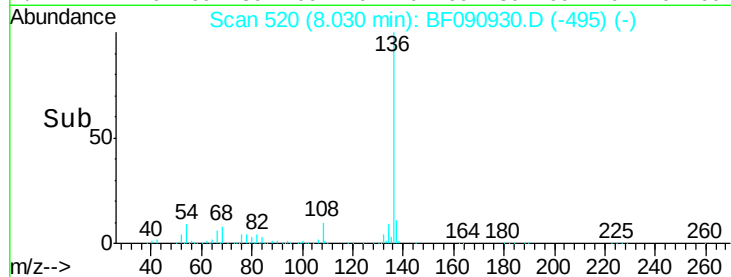
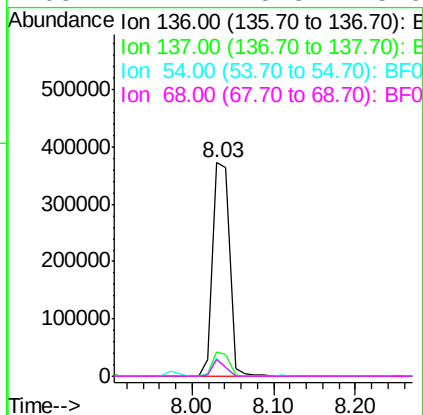
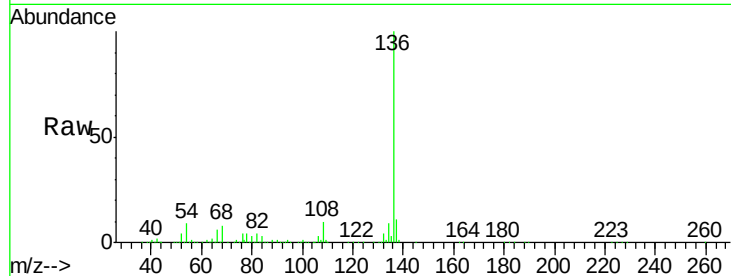
ClientSampleId :

PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	542790		
137	11.3	9.0	13.6	
54	8.6	8.2	12.2	
68	7.7	5.8	8.6	

Manual Integrations
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#22

Acetophenone

Concen: 46.58 ng

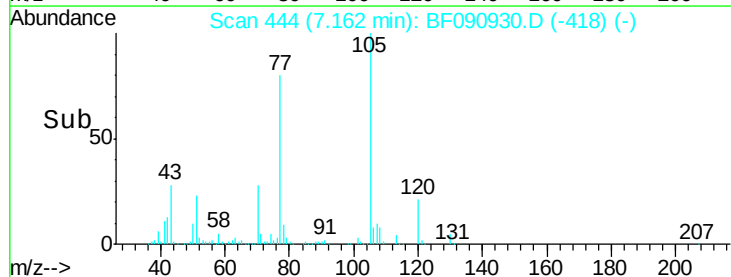
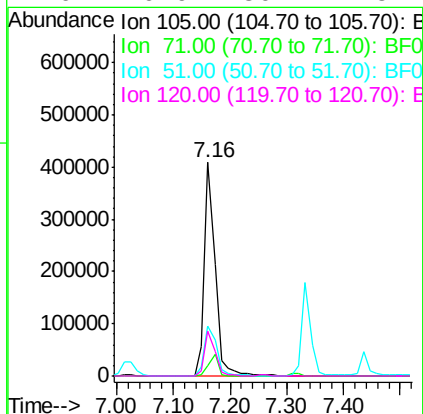
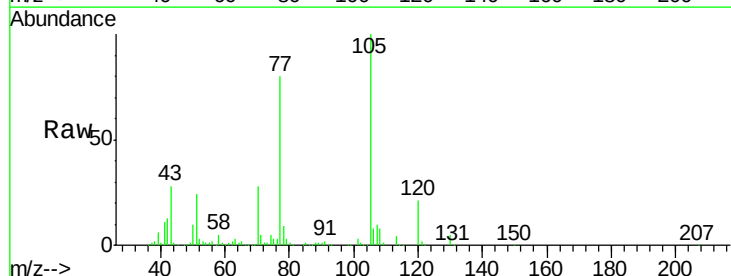
RT: 7.16 min Scan# 444

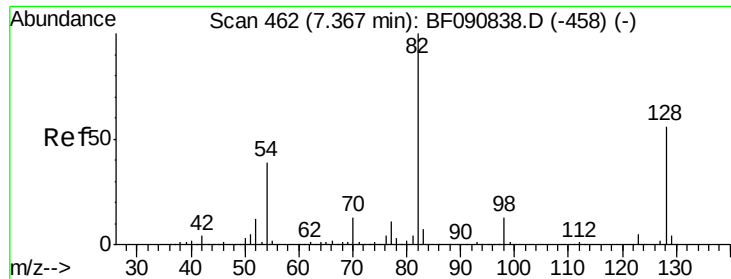
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	520126		
71	4.8	4.7	7.1	
51	23.5	22.0	33.0	
120	20.9	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 112.93 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

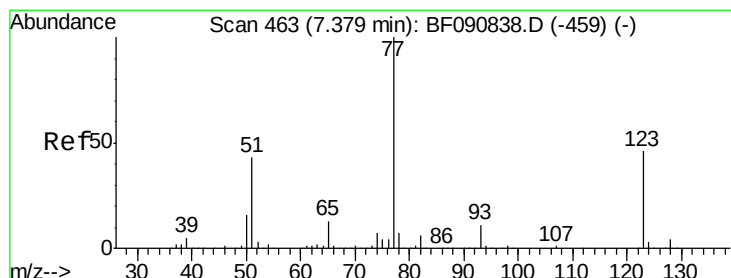
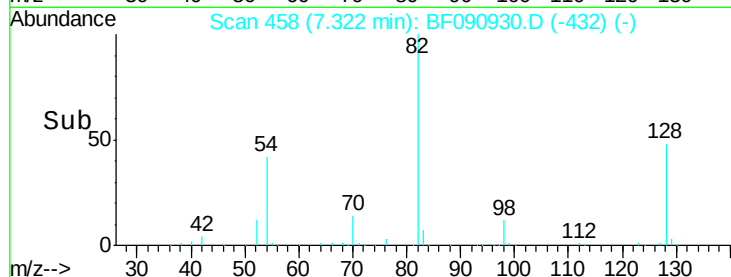
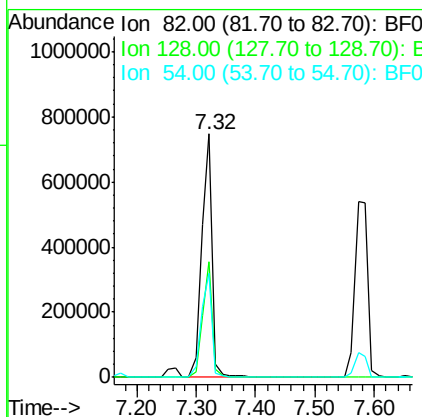
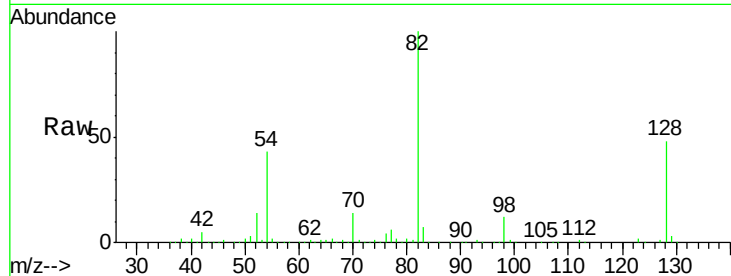
ClientSampled :

PB94407BS

Tgt Ion:	82	Resp:	936313
Ion Ratio	Lower	Upper	
82	100		
128	47.7	51.0	76.6#
54	42.9	47.5	71.3#

Manual Integrations
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#24

Nitrobenzene

Concen: 48.81 ng

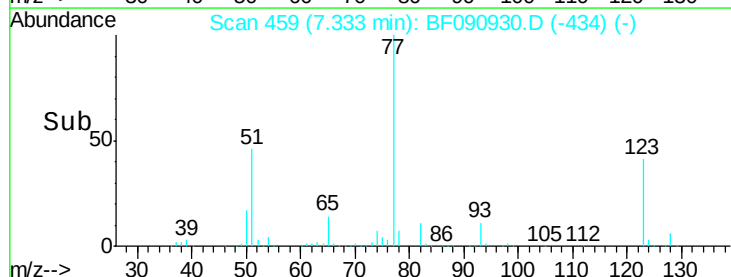
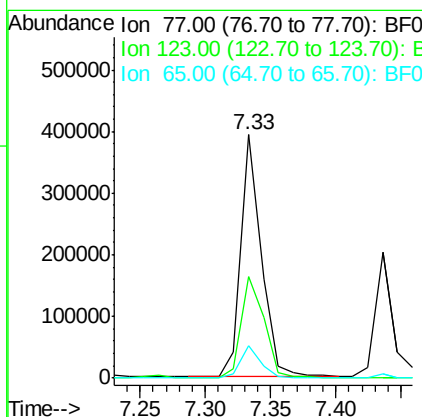
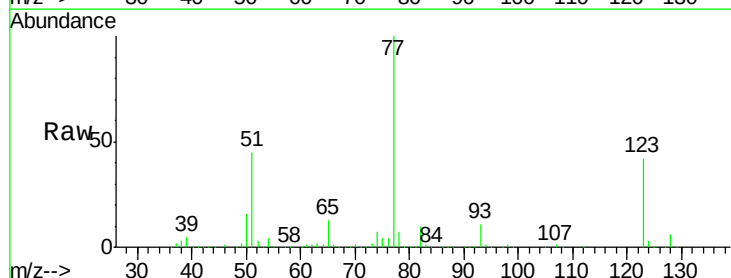
RT: 7.33 min Scan# 459

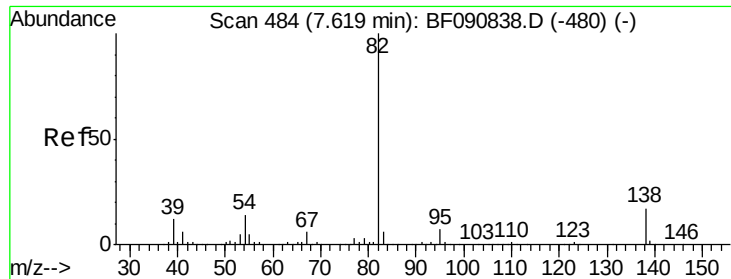
Delta R.T. -0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	77	Resp:	428039
Ion Ratio	Lower	Upper	
77	100		
123	41.6	59.8	89.8#
65	13.3	10.2	15.4





#25

Isophorone

Concen: 47.81 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB94407BS

Tgt Ion: 82 Resp: 804490

Ion Ratio Lower Upper

82 100

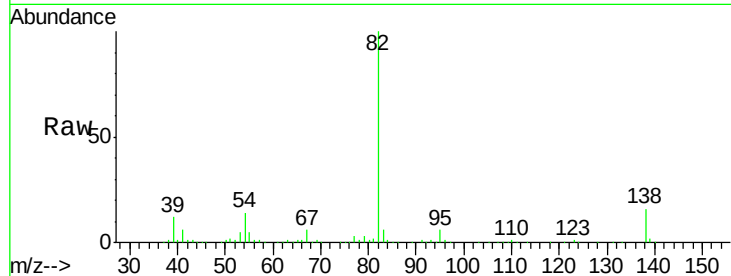
95 6.5 4.0 6.0#

138 16.2 18.3 27.5#

Manual Integrations
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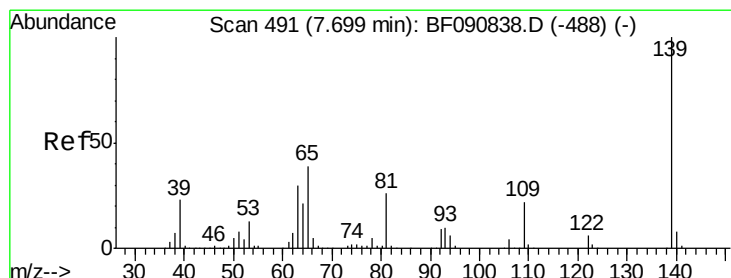
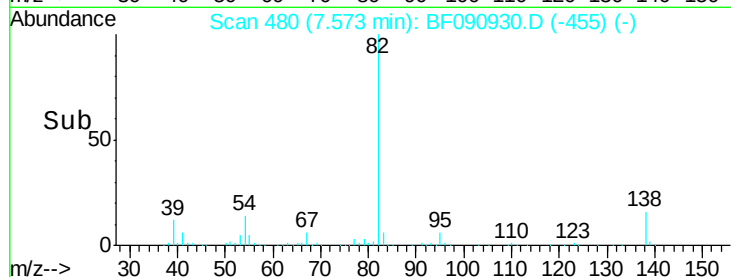
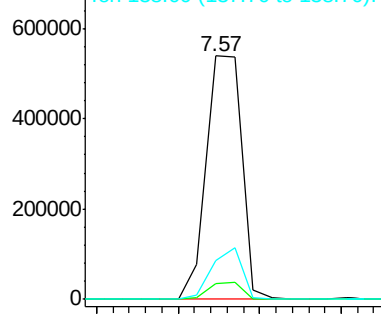
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.99 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

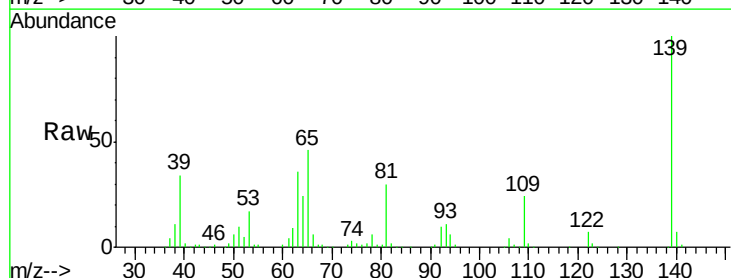
Tgt Ion: 139 Resp: 220778

Ion Ratio Lower Upper

139 100

109 24.2 11.0 16.4#

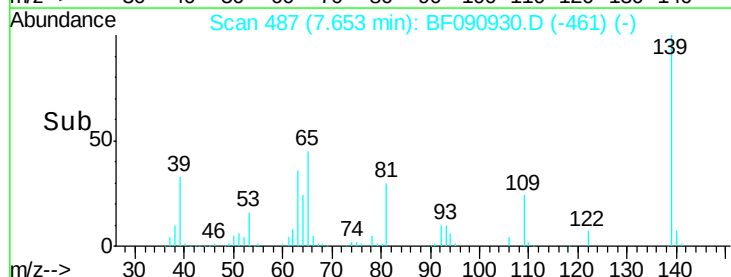
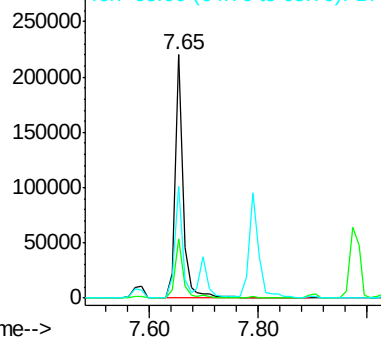
65 46.2 24.7 37.1#

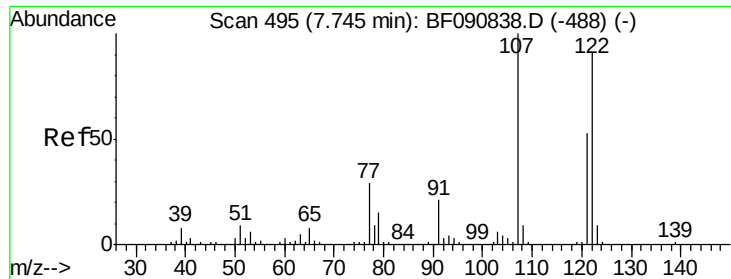


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





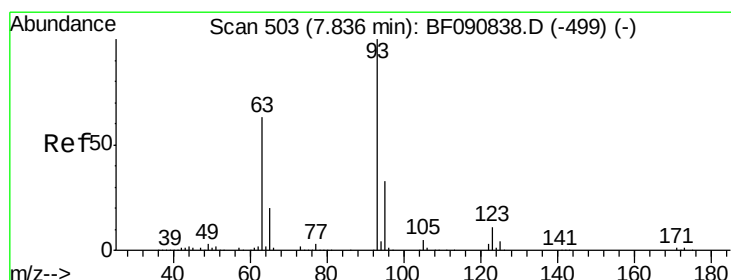
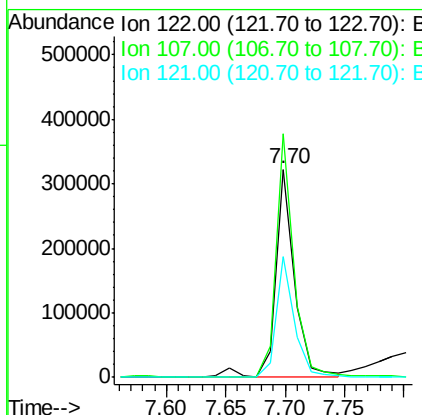
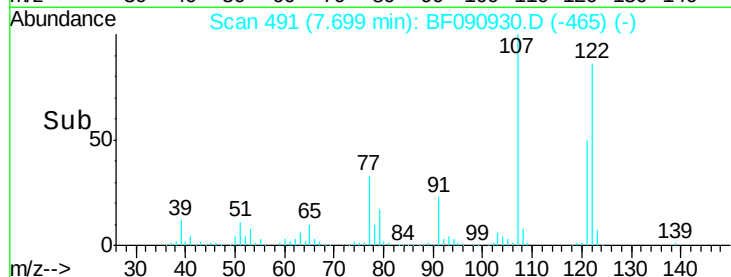
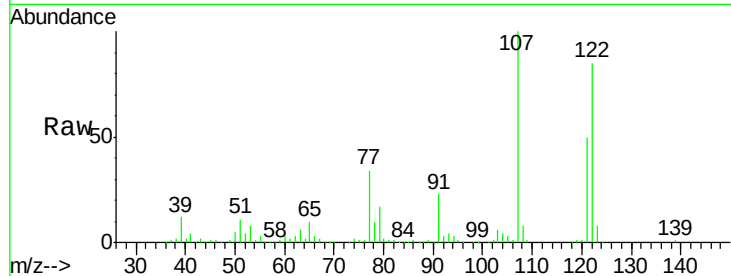
#27
 2,4-Dimethylphenol
 Concen: 46.82 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB94407BS

Tgt Ion: 122 Resp: 356116
 Ion Ratio Lower Upper
 122 100
 107 117.1 71.8 107.6#
 121 58.3 42.3 63.5

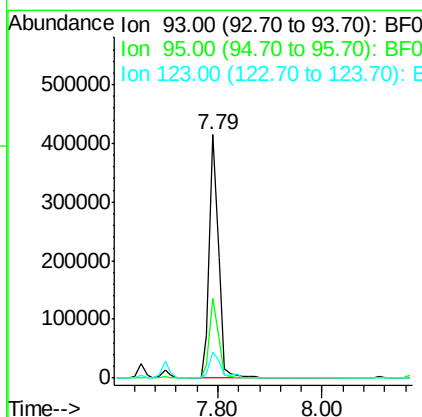
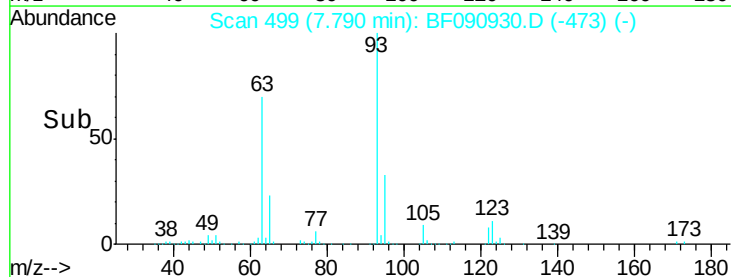
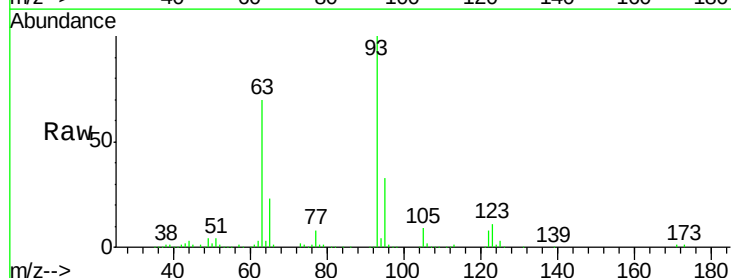
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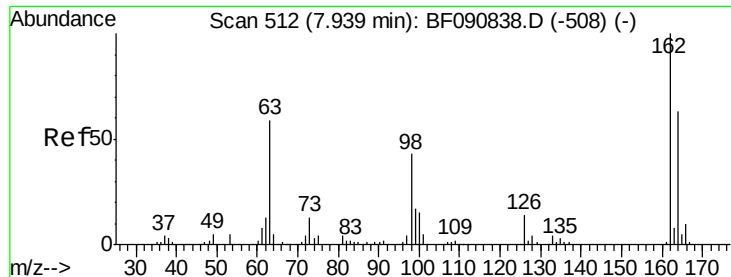
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.93 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion: 93 Resp: 506562
 Ion Ratio Lower Upper
 93 100
 95 32.7 27.5 41.3
 123 10.8 13.7 20.5#





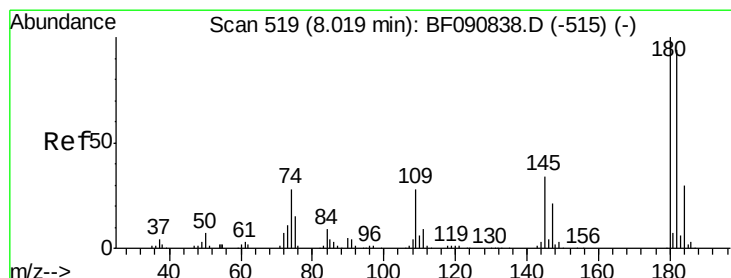
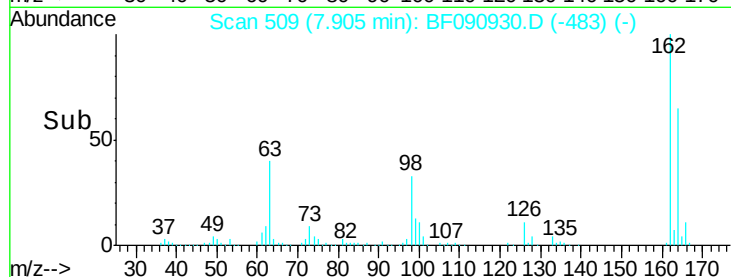
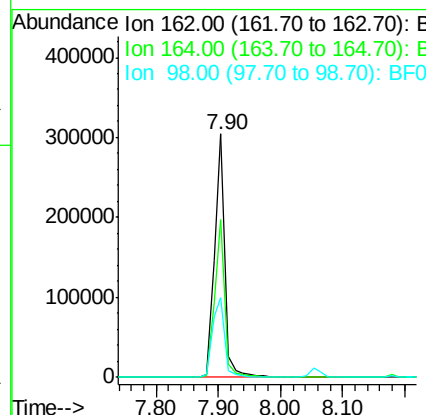
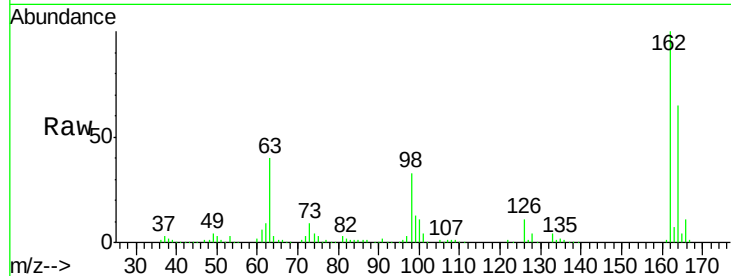
#29
 2,4-Dichlorophenol
 Concen: 49.48 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	348513		
164	65.1	44.9	84.9	
98	32.8	13.0	53.0	

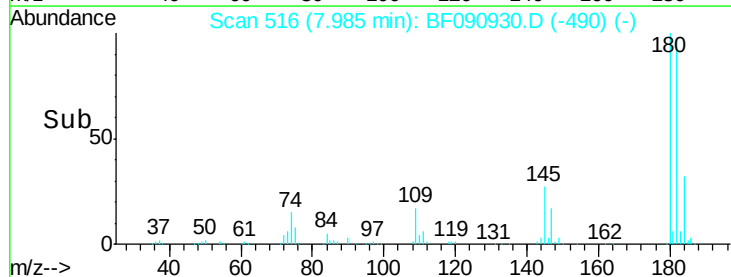
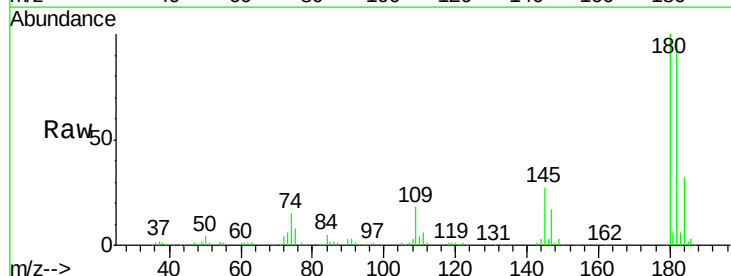
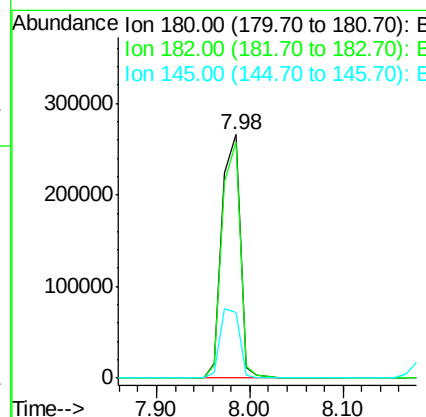
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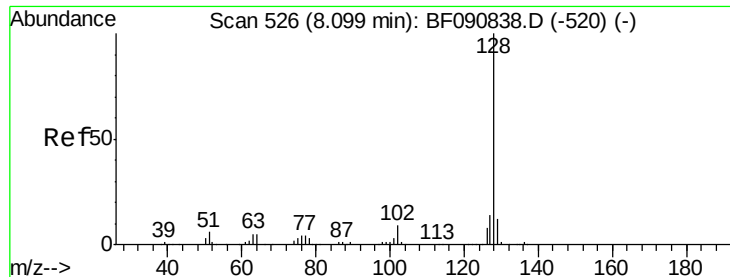
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.42 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361535		
182	97.1	77.1	115.7	
145	26.8	23.3	34.9	





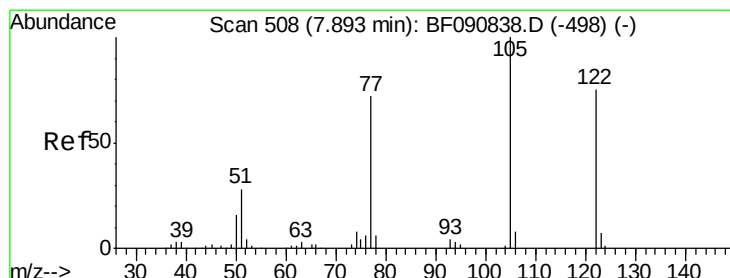
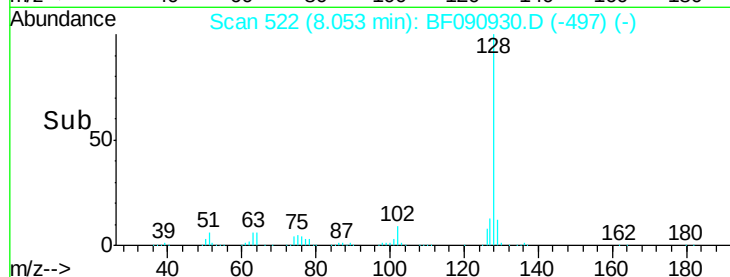
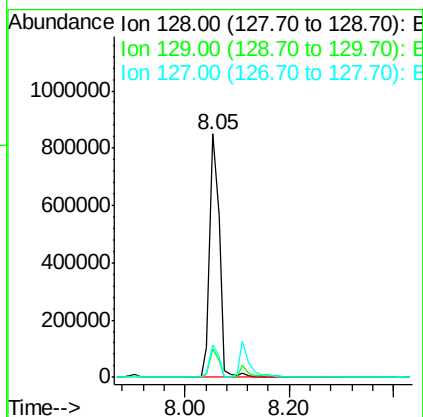
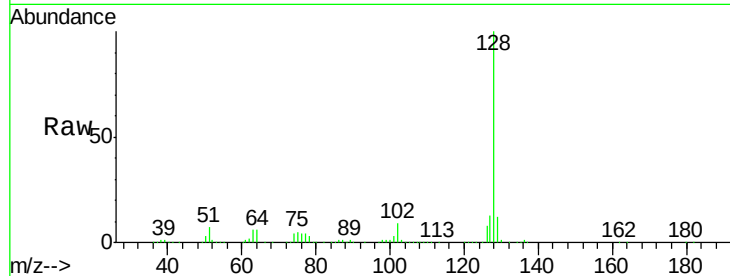
#31
Naphthalene
Concen: 43.18 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampled :
PB94407BS

Tgt Ion:128 Resp: 1095527
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.4 9.9 14.9

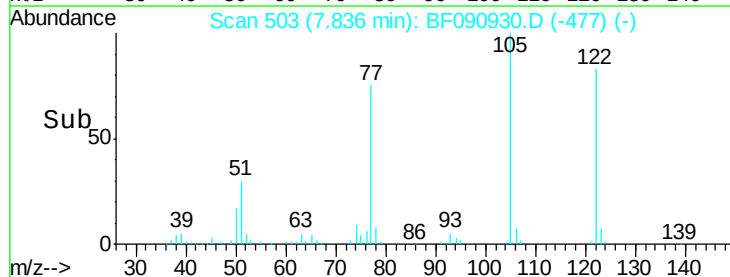
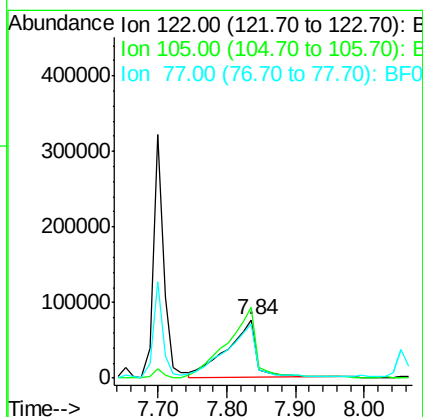
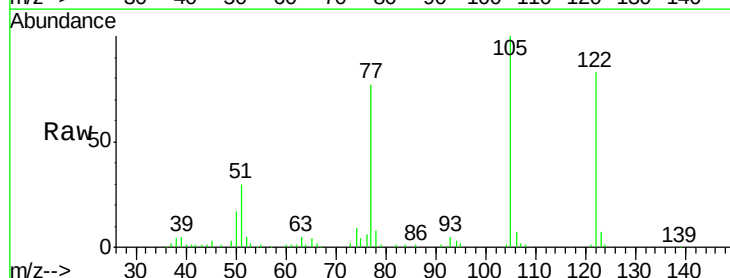
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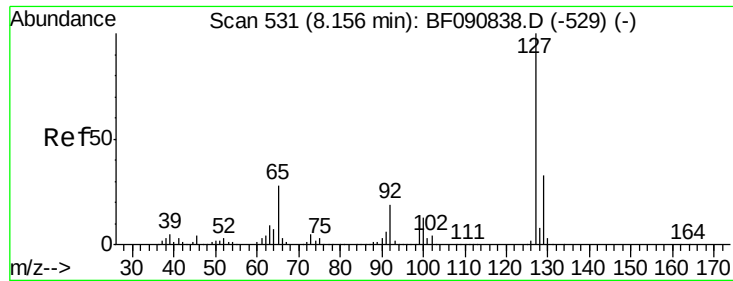
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#32
Benzoic acid
Concen: 41.55 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion:122 Resp: 229472
Ion Ratio Lower Upper
122 100
105 120.7 76.1 116.1#
77 93.3 40.5 80.5#





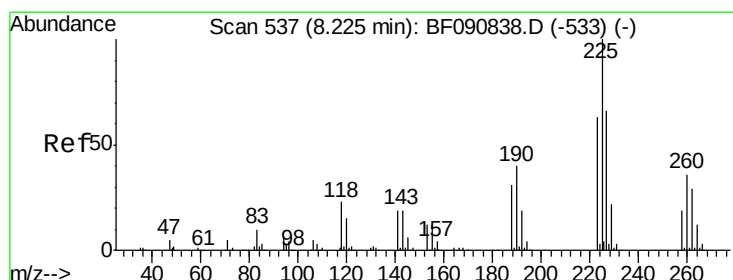
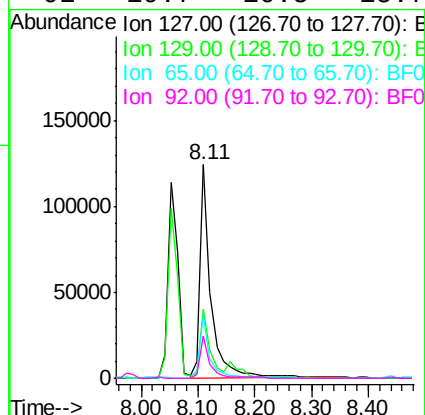
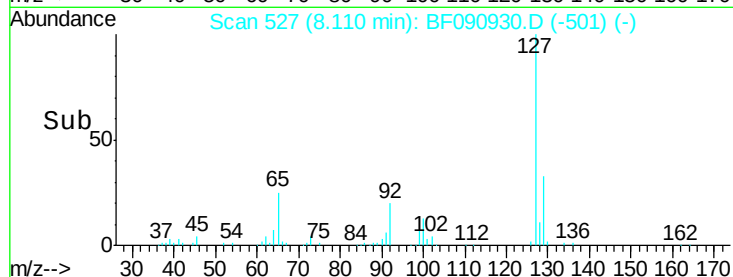
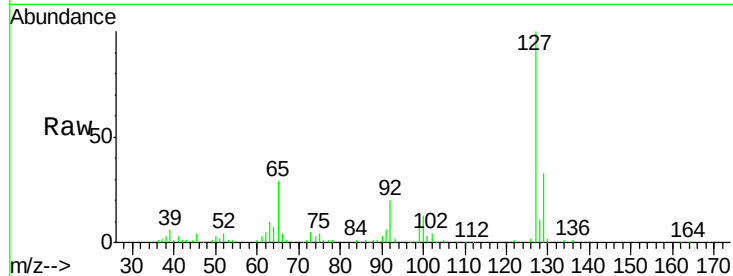
#33
4-Chloroaniline
Concen: 15.85 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	162443		
129	32.5	25.8	38.6	
65	29.4	17.9	26.9	
92	19.7	10.5	15.7	

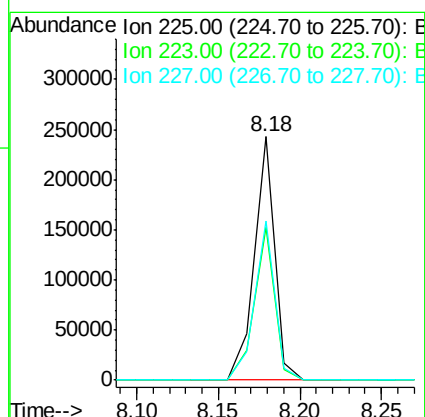
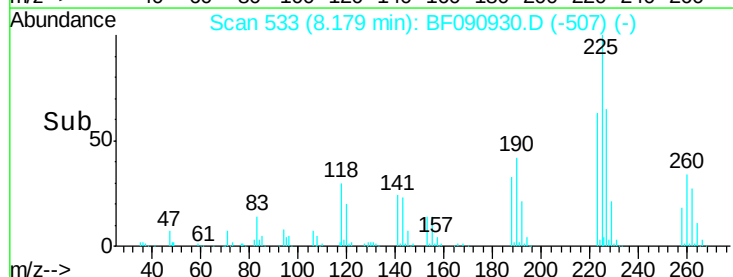
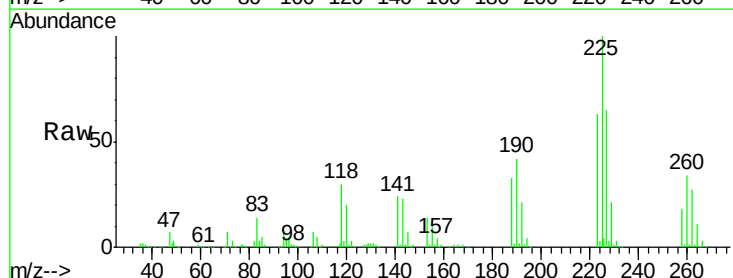
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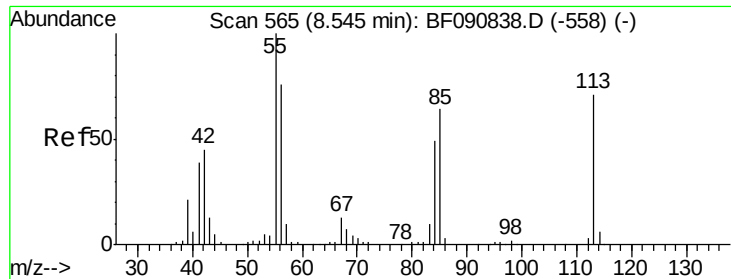
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#34
Hexachlorobutadiene
Concen: 44.16 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	211336		
223	63.0	50.2	75.2	
227	65.4	52.2	78.2	





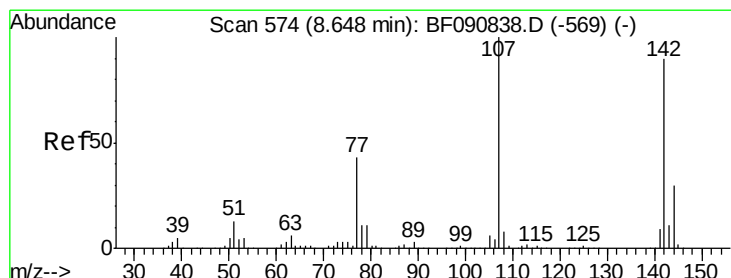
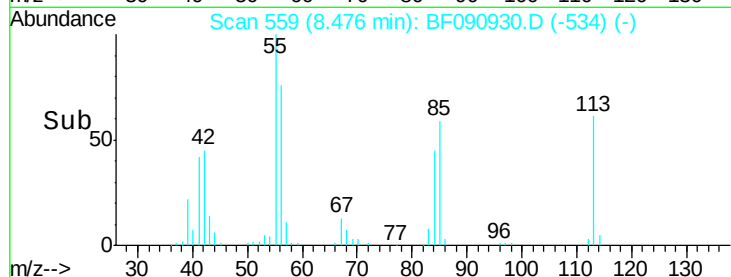
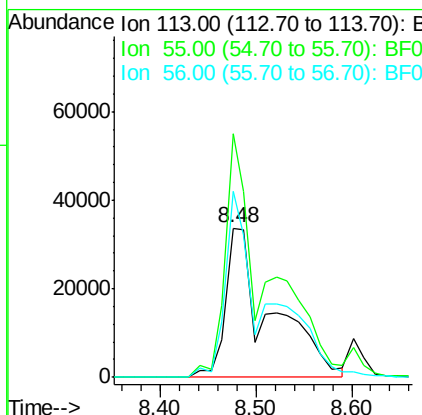
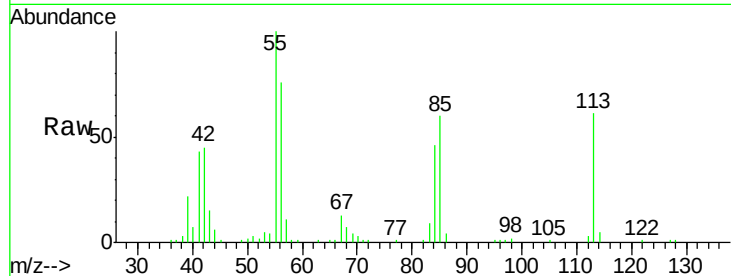
#35
 Caprolactam
 Concen: 50.29 ng m
 RT: 8.48 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion:113 Resp: 109950
 Ion Ratio Lower Upper
 113 100
 55 163.5 152.4 192.4
 56 125.1 104.6 144.6

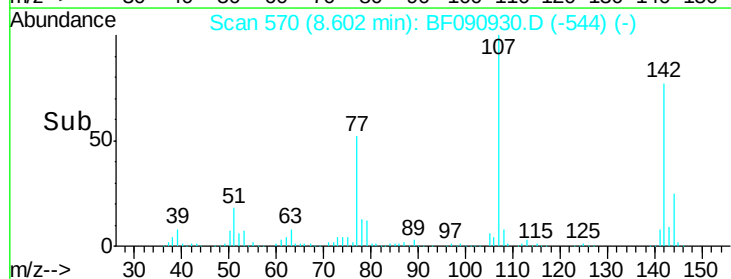
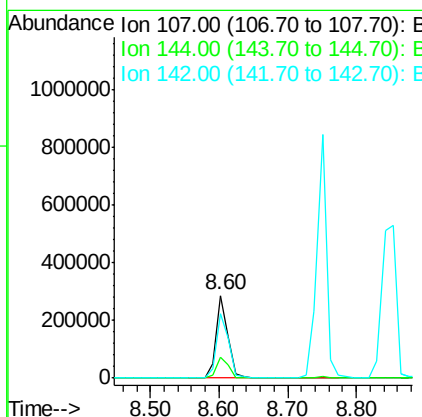
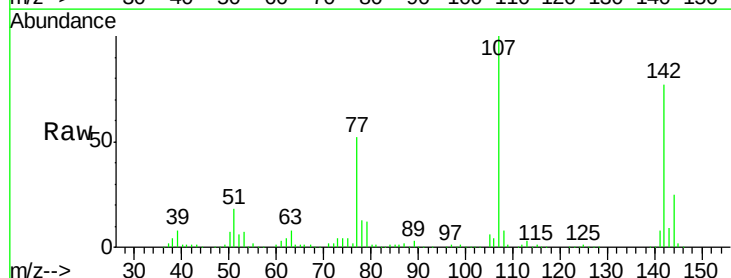
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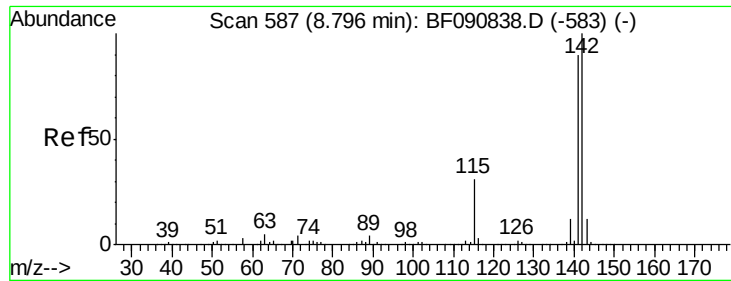
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#36
 4-Chloro-3-methylphenol
 Concen: 46.68 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:107 Resp: 357572
 Ion Ratio Lower Upper
 107 100
 144 24.6 25.4 38.0#
 142 77.1 77.3 115.9#





#37

2-Methylnaphthalene

Concen: 48.78 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

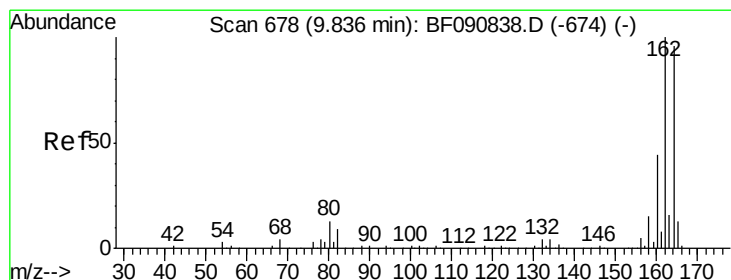
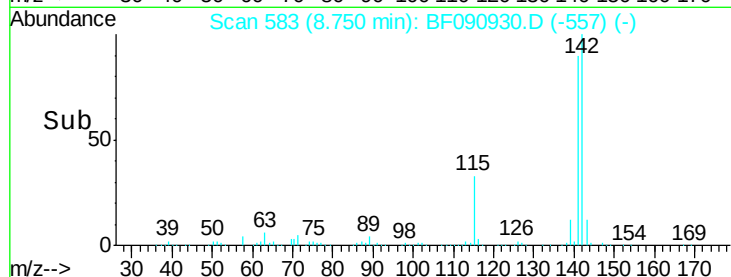
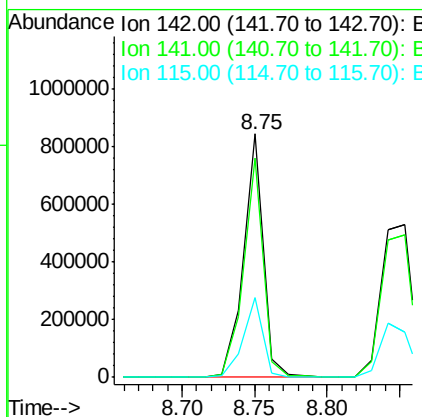
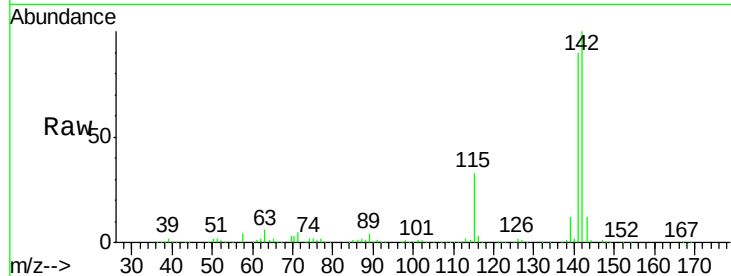
ClientSampleId :

PB94407BS

Tgt Ion:	142	Resp:	799334
Ion Ratio	Lower	Upper	
142	100		
141	90.3	67.5	101.3
115	32.6	18.2	27.2#

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#38

Acenaphthene-d10

Concen: 20.00 ng

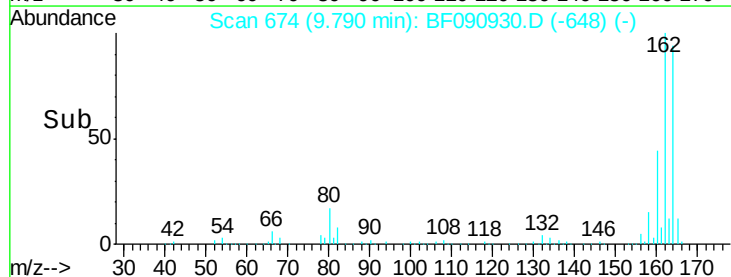
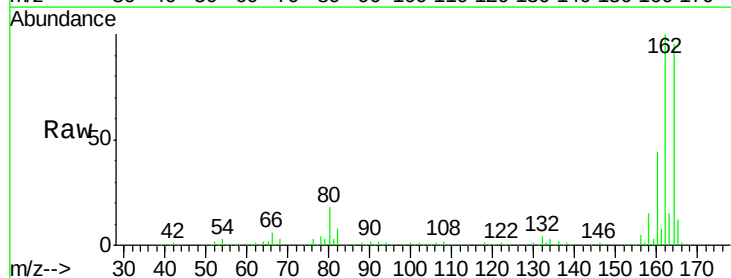
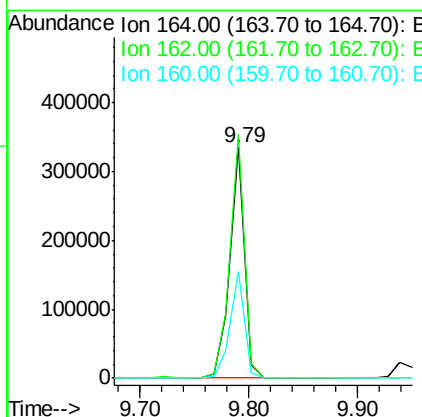
RT: 9.79 min Scan# 674

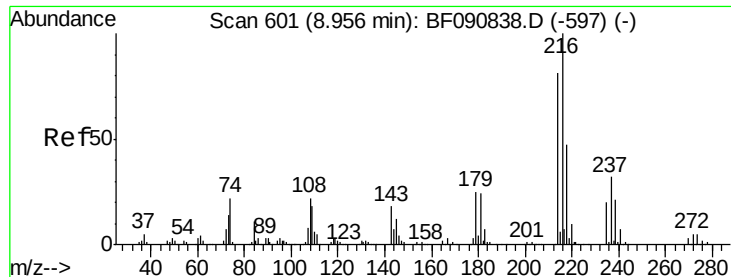
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	164	Resp:	310649
Ion Ratio	Lower	Upper	
164	100		
162	105.6	75.2	112.8
160	46.1	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.94 ng

RT: 8.92 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

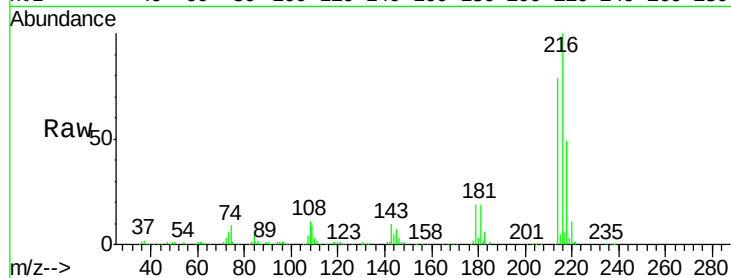
ClientSampled :

PB94407BS

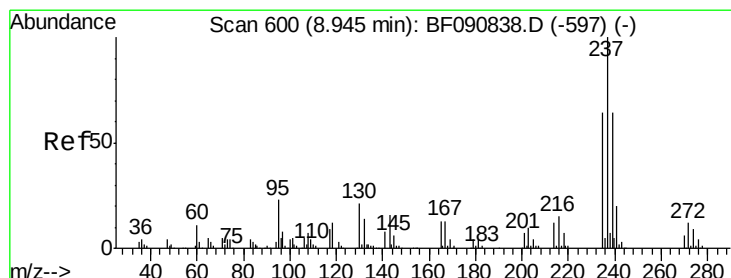
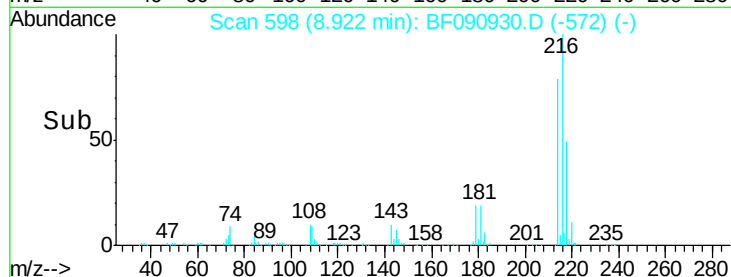
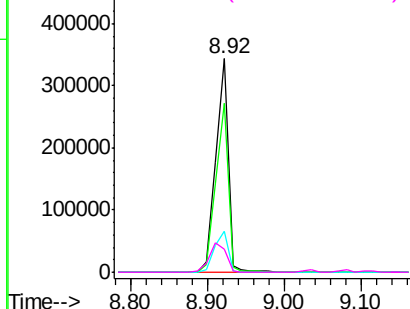
Tgt Ion:	216	Resp:	382988
Ion Ratio		Lower	Upper
216	100		
214	79.6	63.5	95.3
179	21.2	16.6	24.8
108	18.6	16.3	24.5

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.28 ng

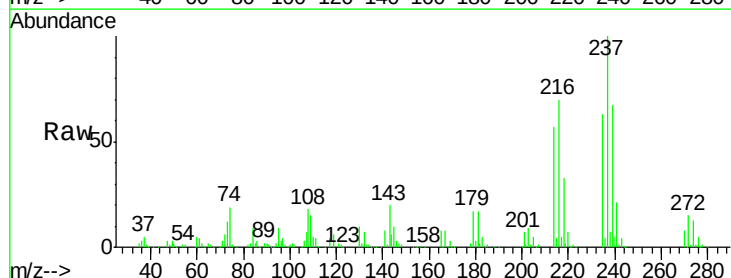
RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

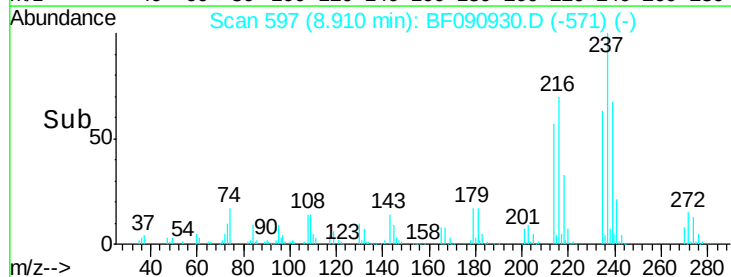
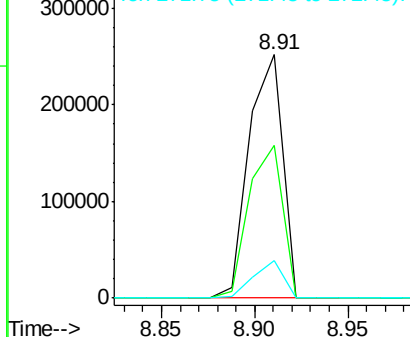
Lab File: BF090930.D

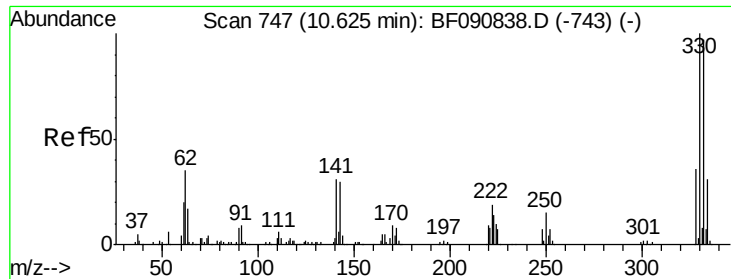
Acq: 31 Oct 2016 16:11

Tgt Ion:	237	Resp:	314756
Ion Ratio		Lower	Upper
237	100		
235	62.8	42.0	82.0
272	15.3	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





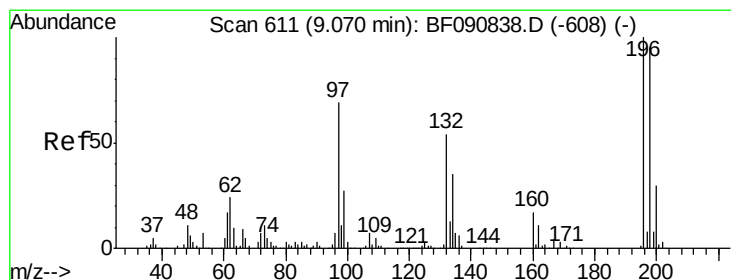
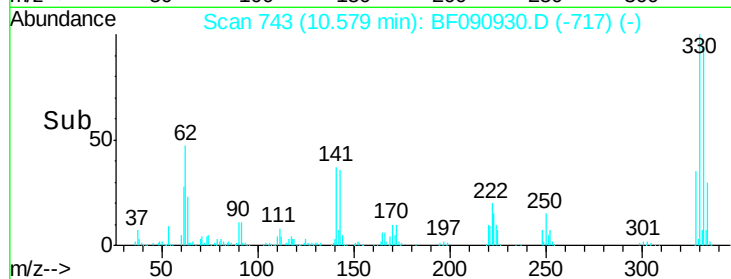
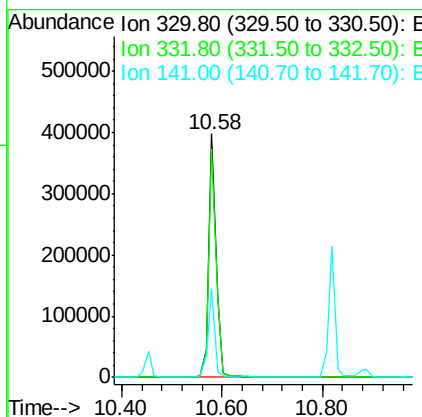
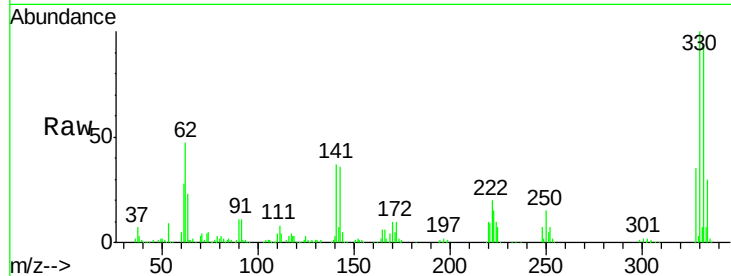
#41
 2,4,6-Tribromophenol
 Concen: 128.04 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	408772		
332	95.3	76.6	114.8	
141	32.5	29.7	44.5	

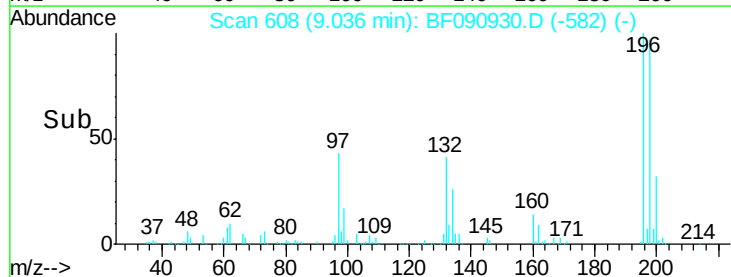
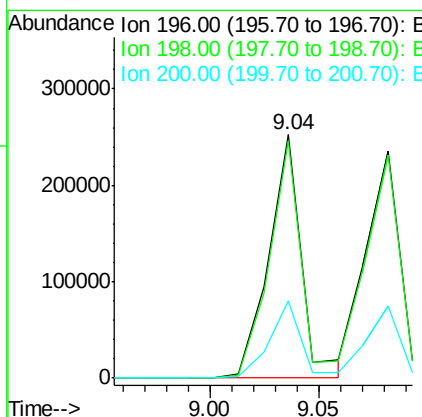
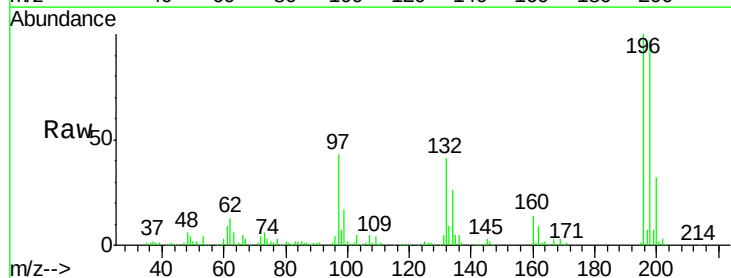
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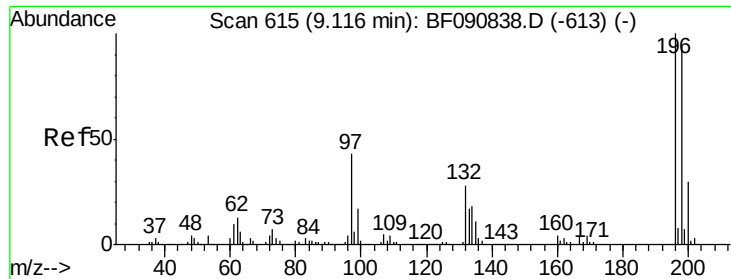
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#42
 2,4,6-Trichlorophenol
 Concen: 48.15 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	264891		
198	97.4	75.7	113.5	
200	31.9	23.9	35.9	





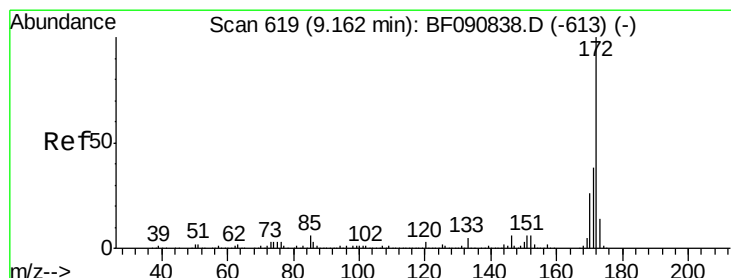
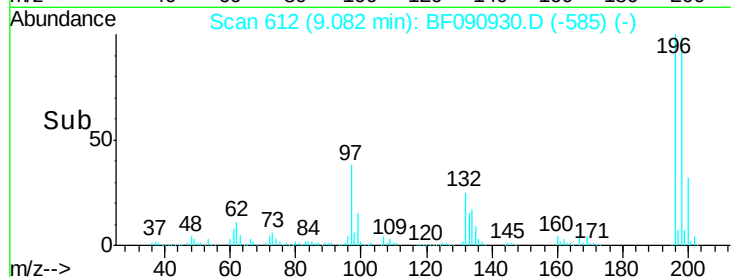
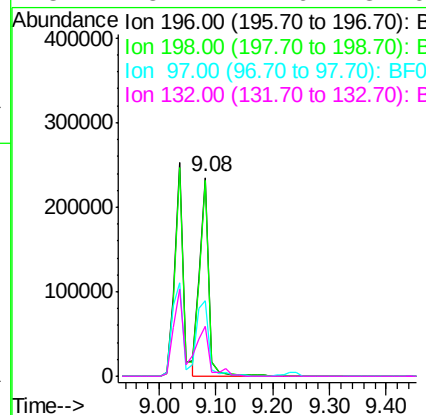
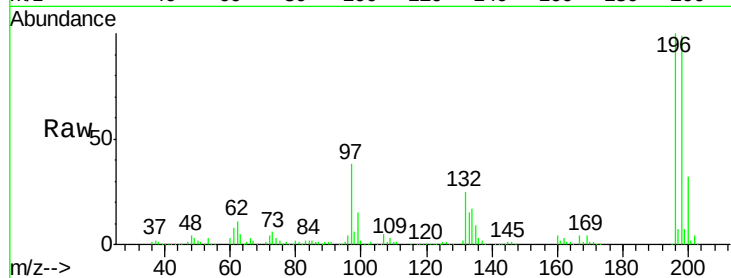
#43
 2,4,5-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion:	196	Resp:	264718
Ion Ratio	Lower	Upper	
196	100		
198	98.5	75.4	113.0
97	38.2	33.3	49.9
132	25.1	24.6	37.0

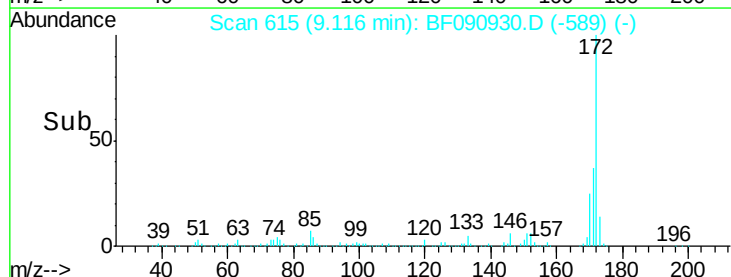
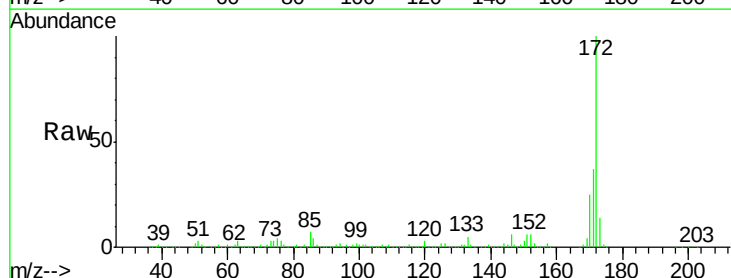
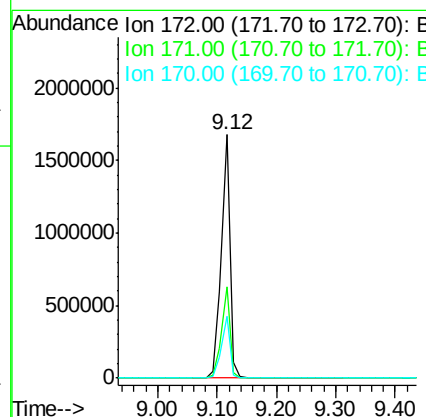
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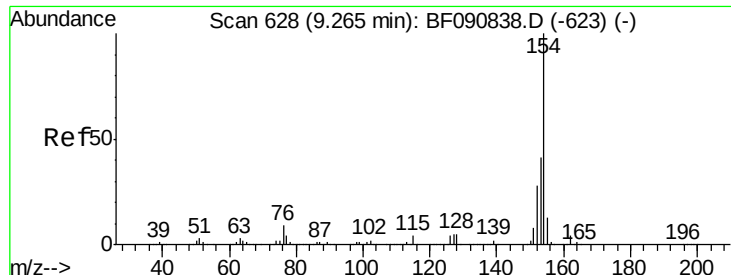
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#44
 2-Fluorobiphenyl
 Concen: 95.36 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:	172	Resp:	1687003
Ion Ratio	Lower	Upper	
172	100		
171	37.2	26.1	39.1
170	25.4	17.4	26.2





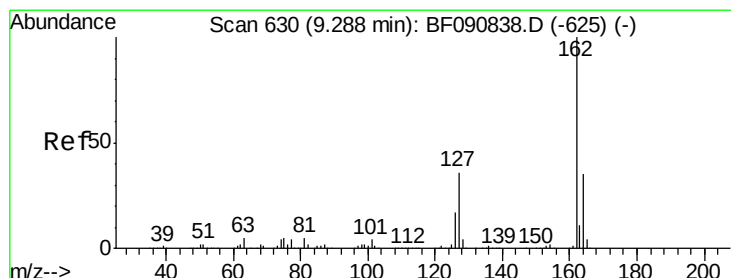
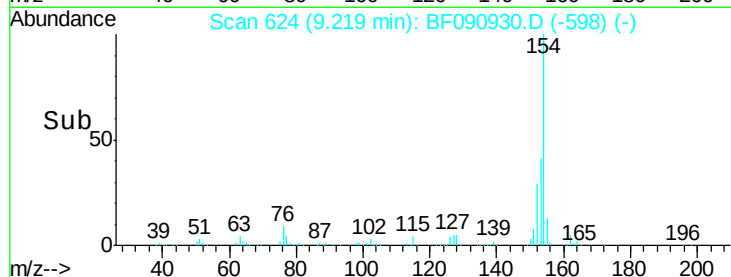
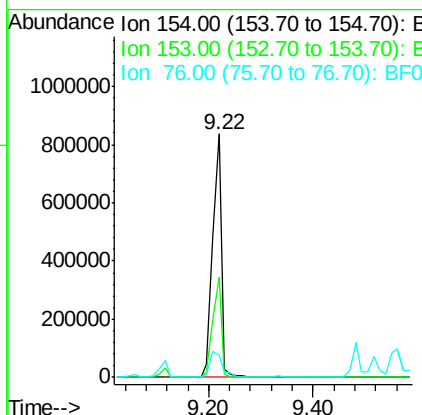
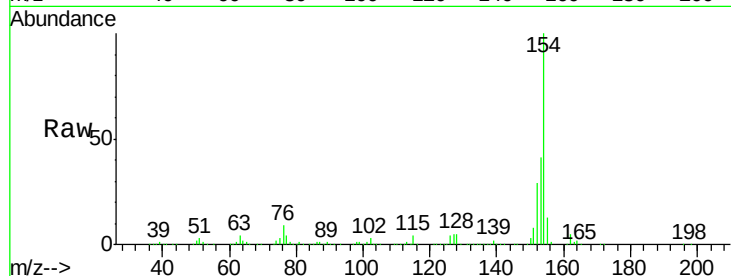
#45
 1,1'-Biphenyl
 Concen: 43.85 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	981229		
153	41.2	17.1	57.1	
76	9.3	0.0	31.6	

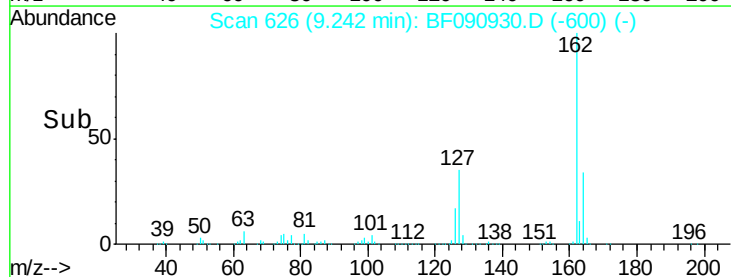
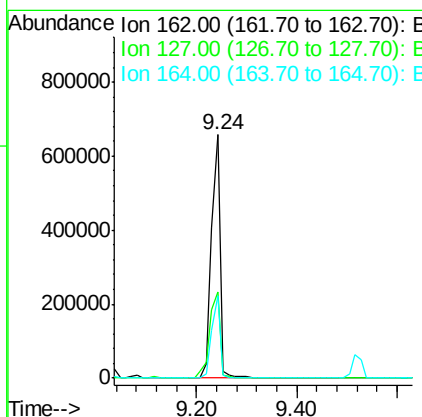
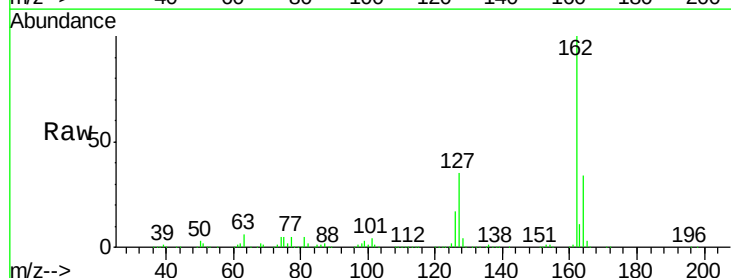
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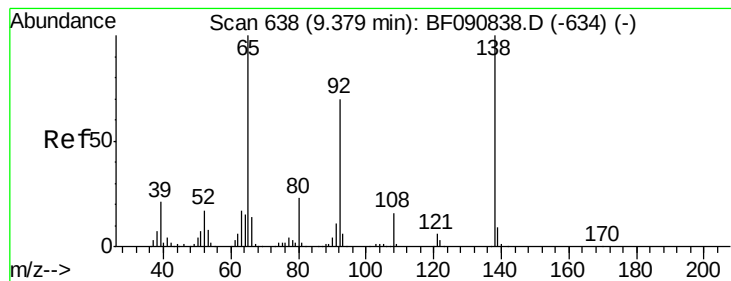
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#46
 2-Chloronaphthalene
 Concen: 46.48 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	791207		
127	35.5	27.6	41.4	
164	34.0	25.4	38.2	





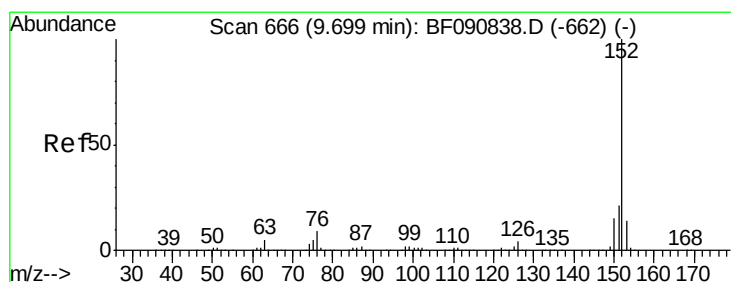
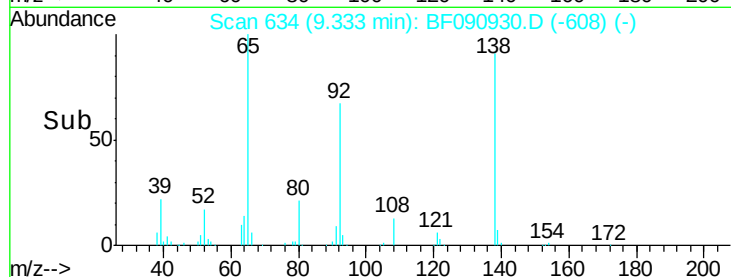
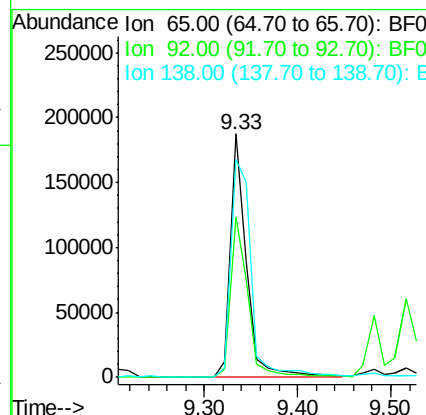
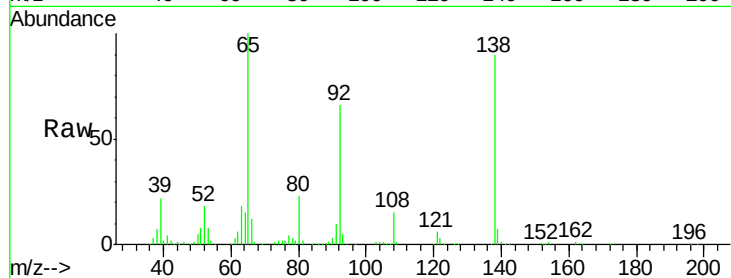
#47
2-Nitroaniline
Concen: 47.25 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.4	83.0
138	89.7	115.5	173.3

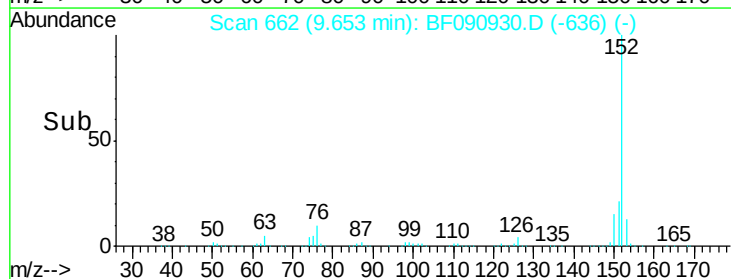
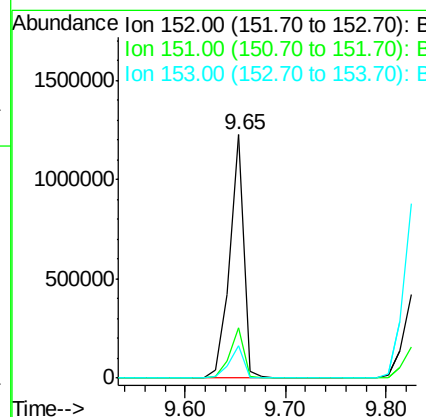
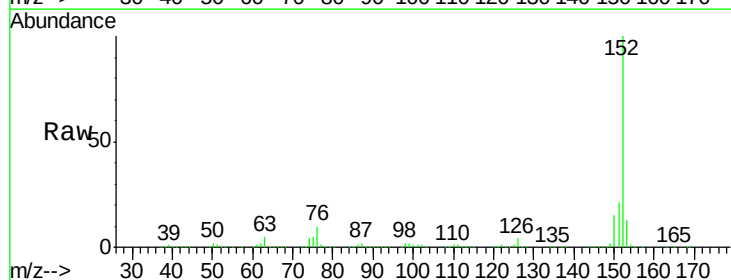
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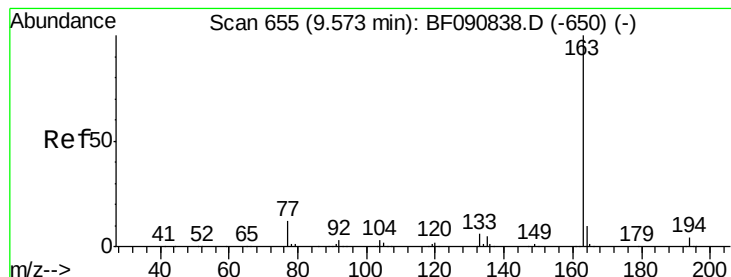
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#48
Acenaphthylene
Concen: 46.34 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	14.6	22.0
153	13.4	10.3	15.5





#49

Dimethylphthalate

Concen: 41.70 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

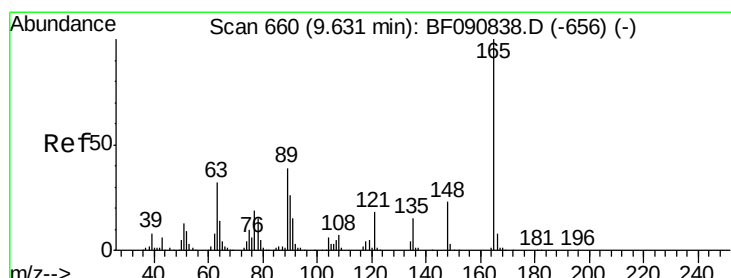
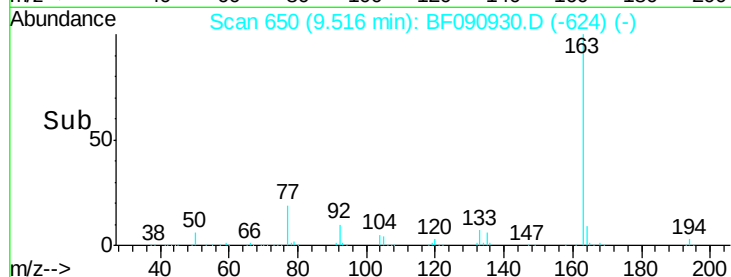
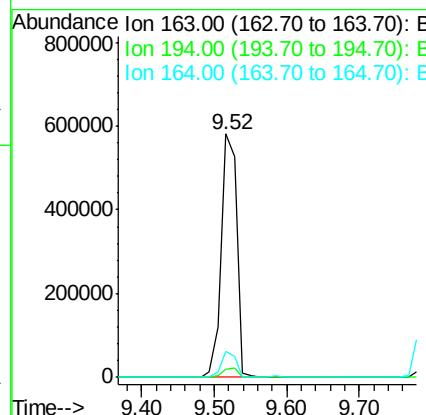
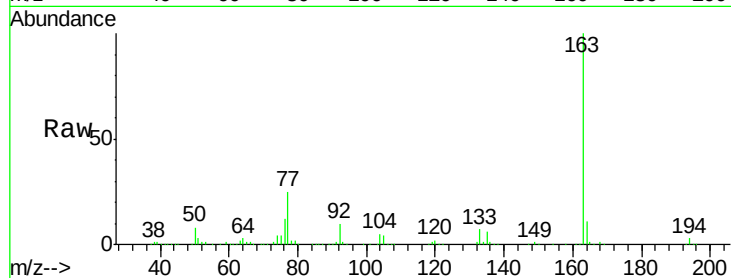
ClientSampleId :

PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	865429		
194	3.1	4.4	6.6#	
164	10.7	8.3	12.5	

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#50

2,6-Dinitrotoluene

Concen: 46.65 ng

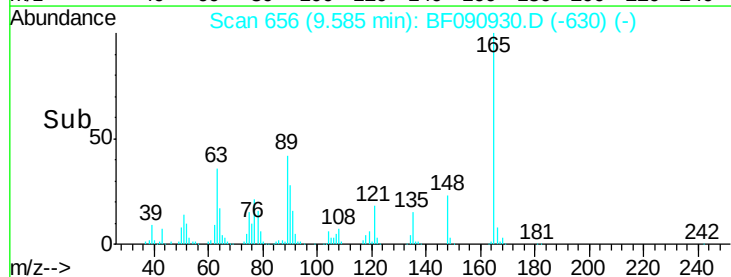
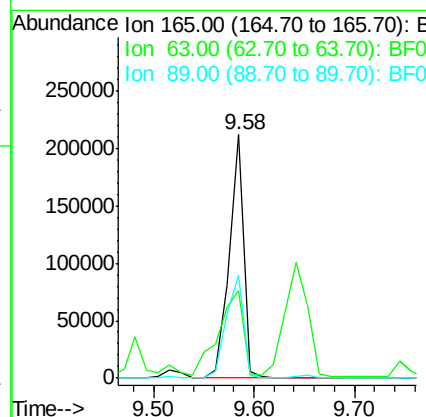
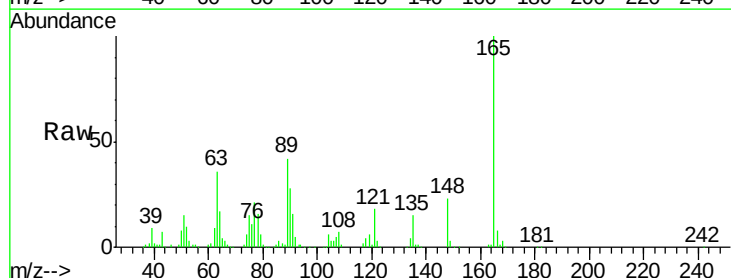
RT: 9.58 min Scan# 656

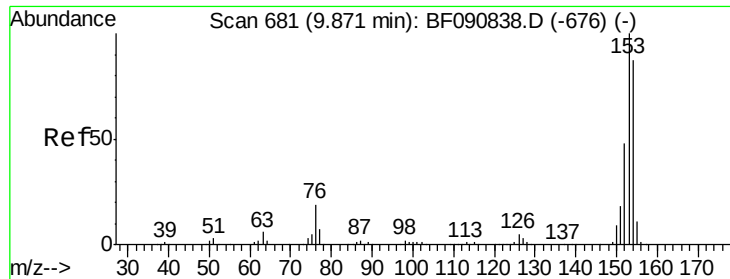
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213836		
63	36.1	32.3	48.5	
89	42.2	28.6	43.0	





#51

Acenaphthene

Concen: 41.33 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

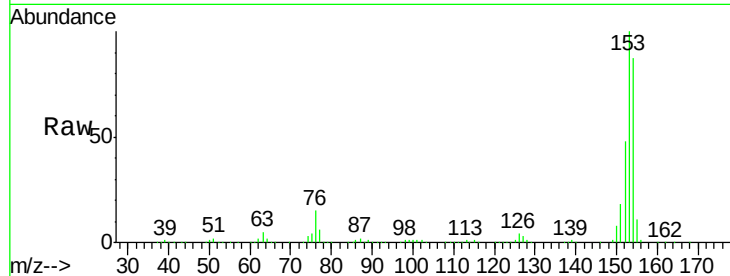
ClientSampled :

PB94407BS

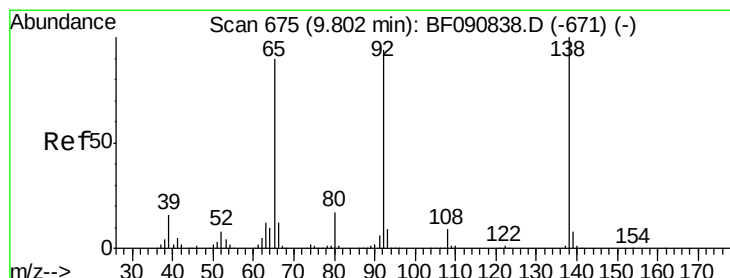
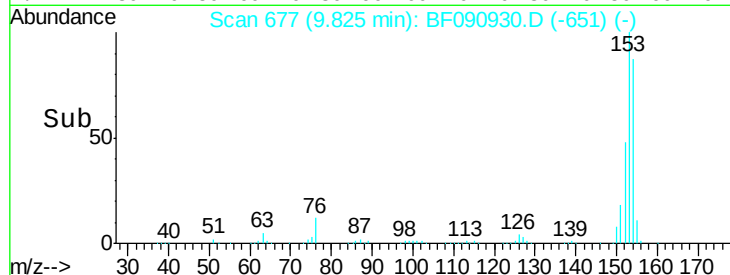
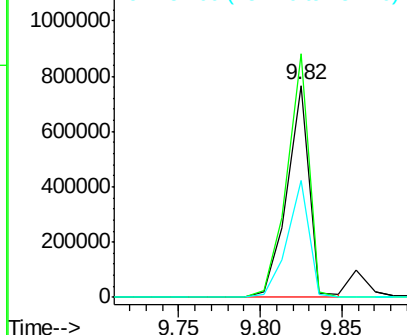
Tgt Ion:	154	Resp:	733640
Ion Ratio	Lower	Upper	
154	100		
153	114.7	82.1	123.1
152	55.0	37.9	56.9

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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: 21.68 ng

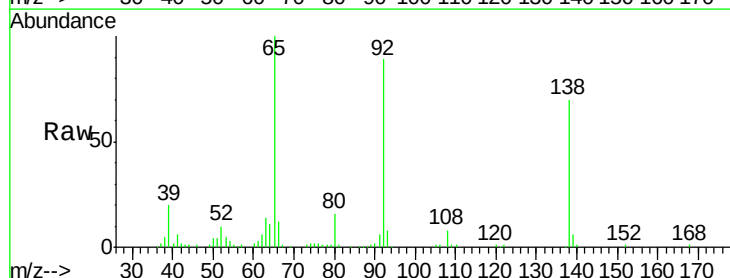
RT: 9.74 min Scan# 670

Delta R.T. -0.00 min

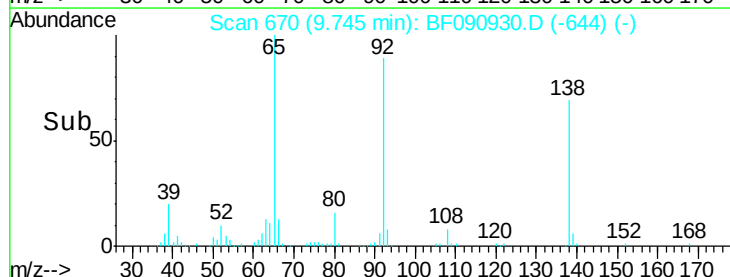
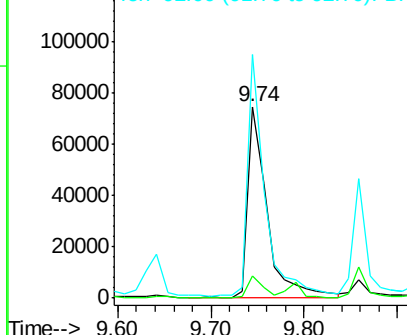
Lab File: BF090930.D

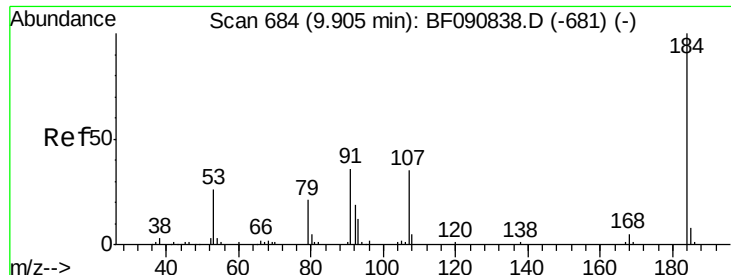
Acq: 31 Oct 2016 16:11

Tgt Ion:	138	Resp:	105776
Ion Ratio	Lower	Upper	
138	100		
108	11.3	5.7	8.5#
92	127.0	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





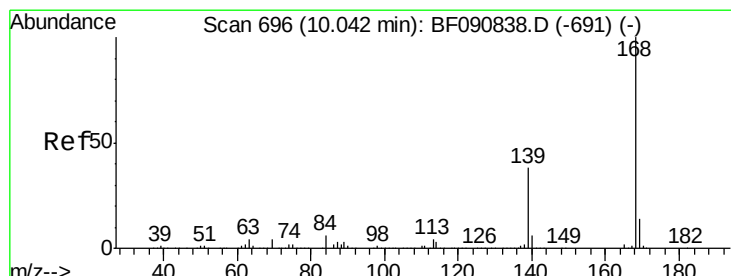
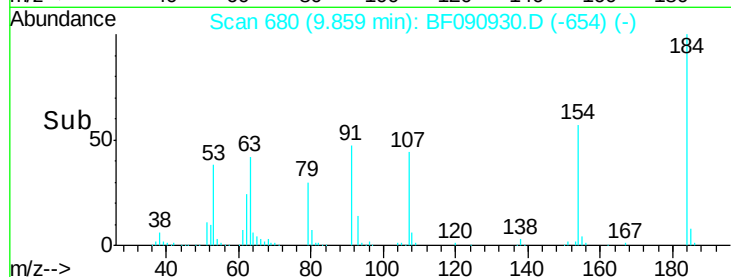
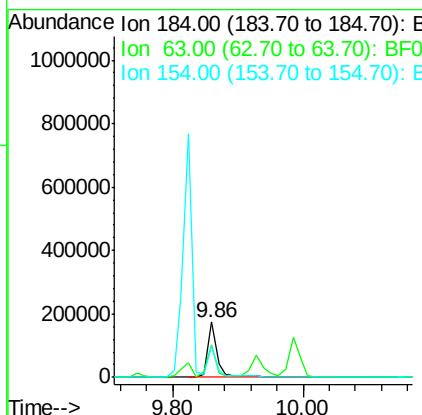
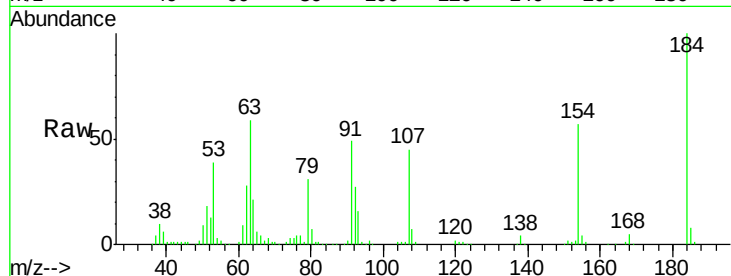
#53
 2,4-Dinitrophenol
 Concen: 77.99 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	188186		
63	59.3	35.4	53.2#	
154	56.9	32.2	48.4#	

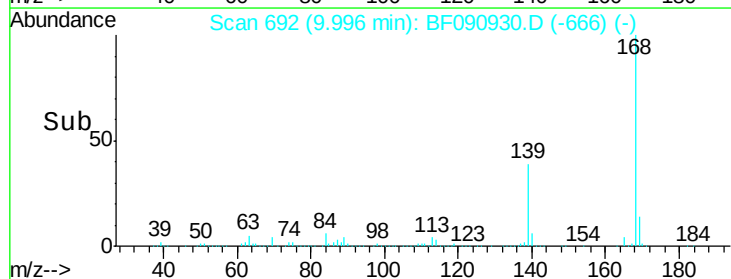
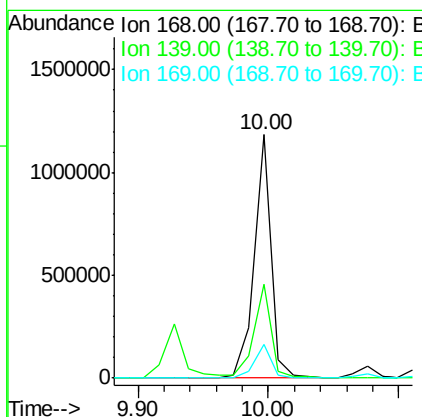
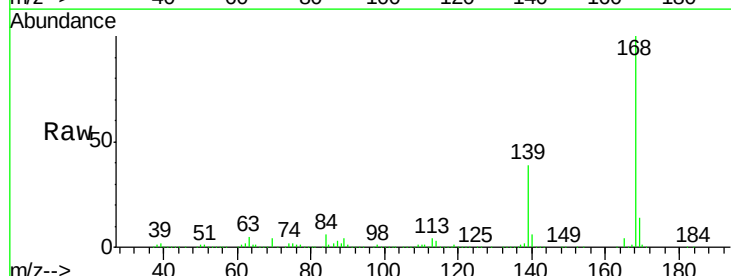
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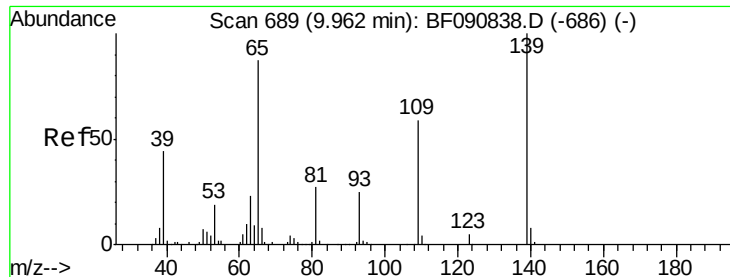
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#54
 Dibenzofuran
 Concen: 46.86 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1073358		
139	38.6	24.2	36.2#	
169	13.9	10.6	15.8	





#55

4-Nitrophenol

Concen: 93.14 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampled :

PB94407BS

Tgt Ion:139 Resp: 277165
Ion Ratio Lower Upper

139 100

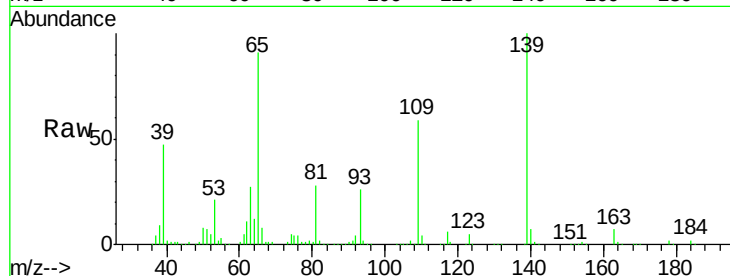
109 59.1 12.7 52.7#

65 90.6 45.9 85.9#

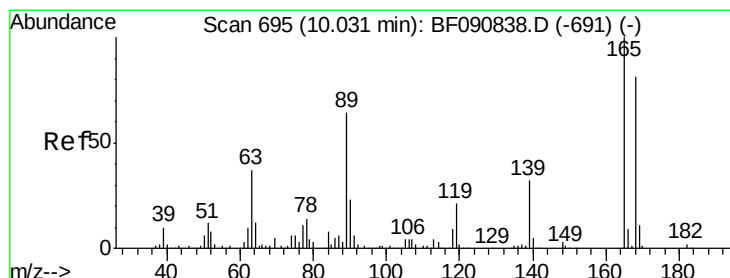
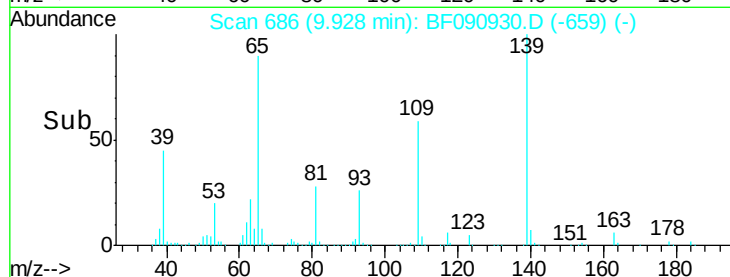
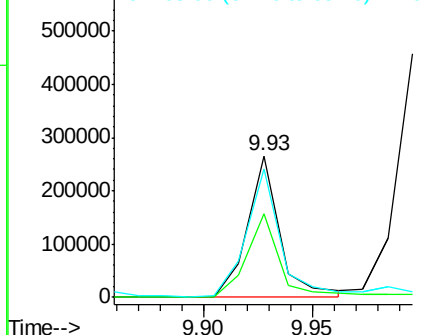
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.87 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:165 Resp: 255478
Ion Ratio Lower Upper

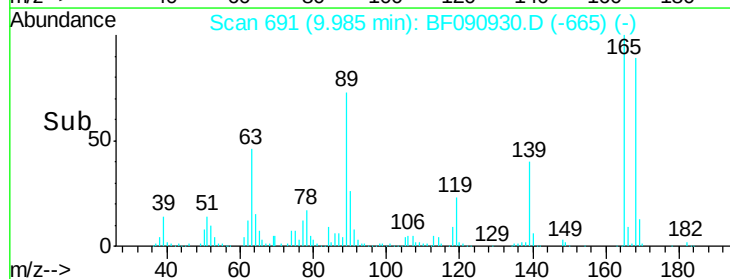
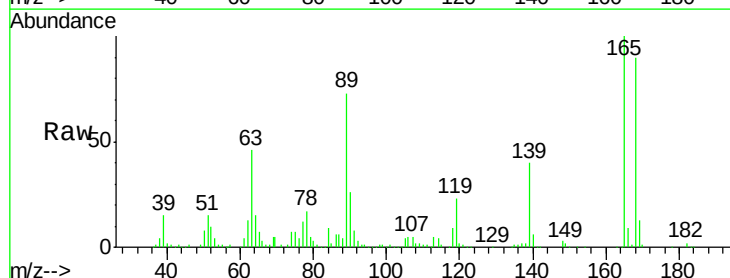
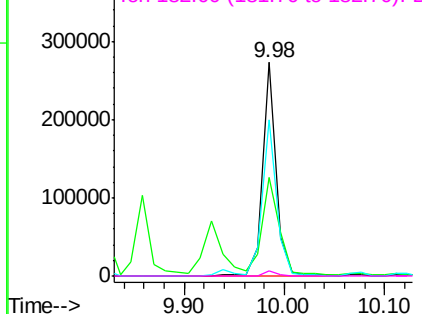
165 100

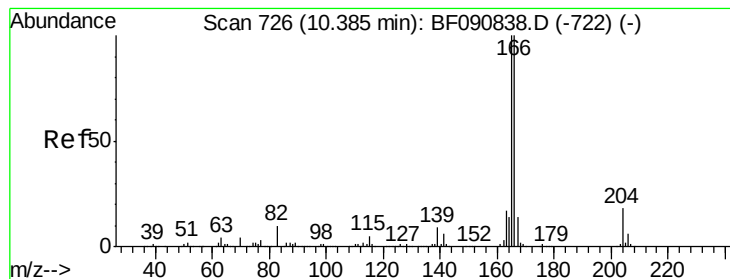
63 46.3 29.8 44.6#

89 72.9 44.5 66.7#

182 2.3 3.0 4.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.78 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

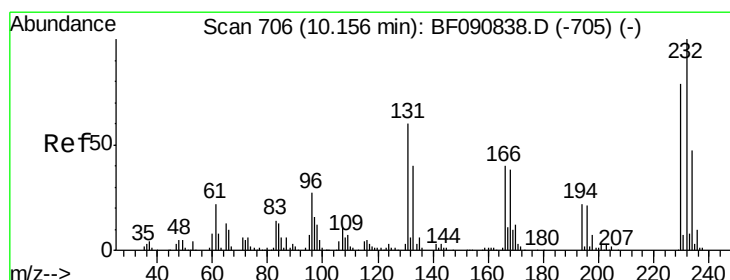
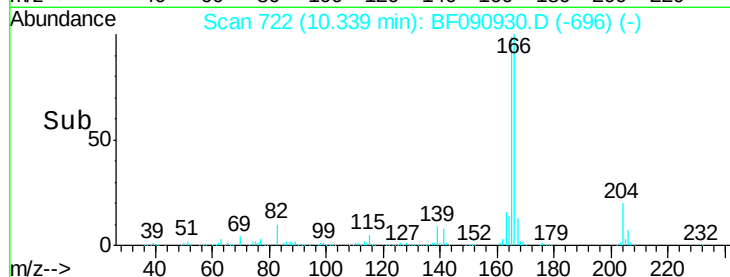
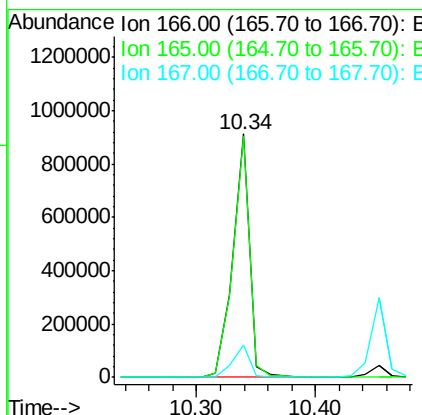
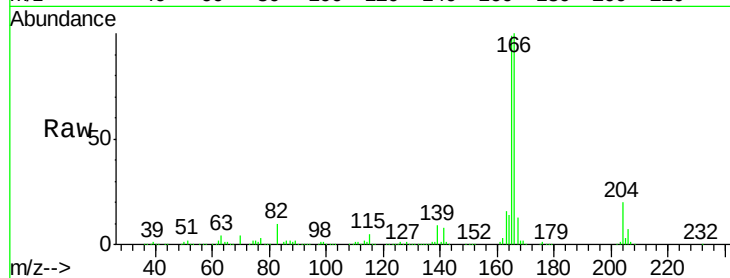
ClientSampleId :

PB94407BS

Tgt Ion:	166	Resp:	896390
Ion Ratio	Lower	Upper	
166	100		
165	99.2	72.6	109.0
167	13.4	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.34 ng

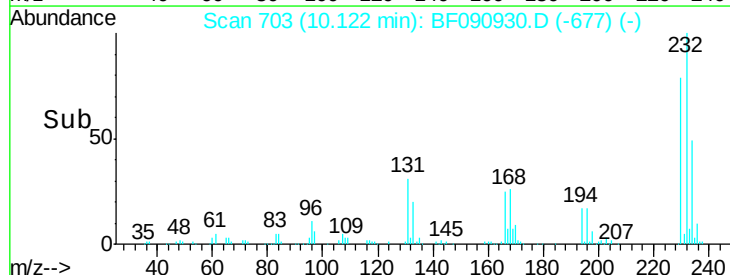
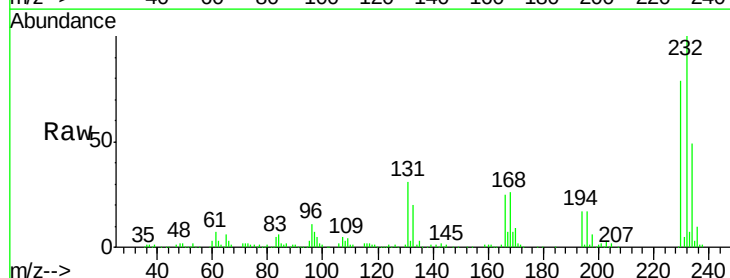
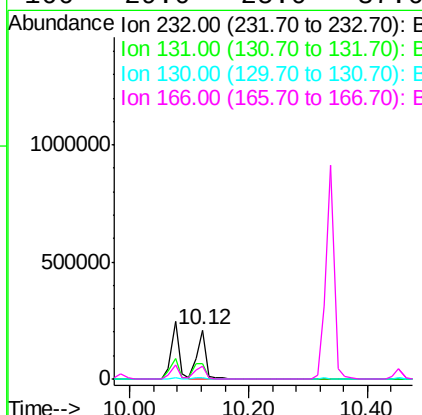
RT: 10.12 min Scan# 703

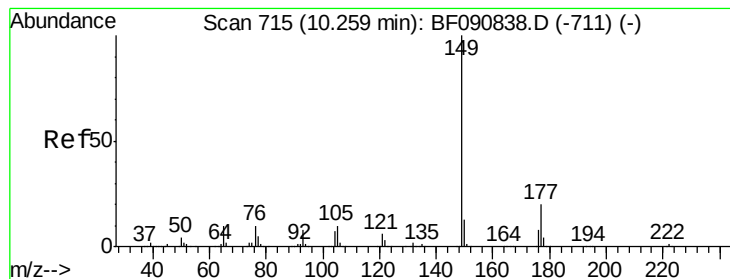
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	232	Resp:	229436
Ion Ratio	Lower	Upper	
232	100		
131	42.5	38.5	57.7
130	1.8	1.8	2.6
166	29.0	25.0	37.6





#59

Diethylphthalate

Concen: 47.39 ng

RT: 10.22 min Scan# 712

Delta R.T. 0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

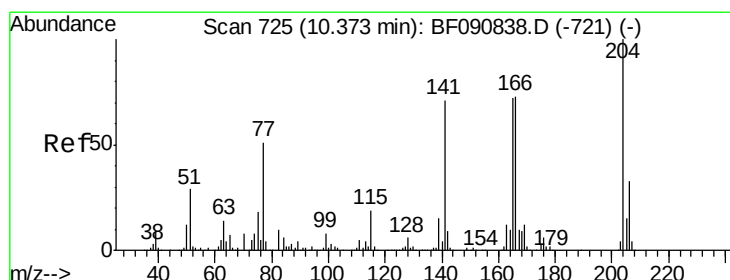
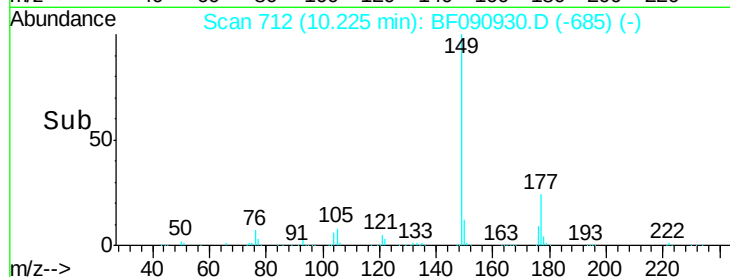
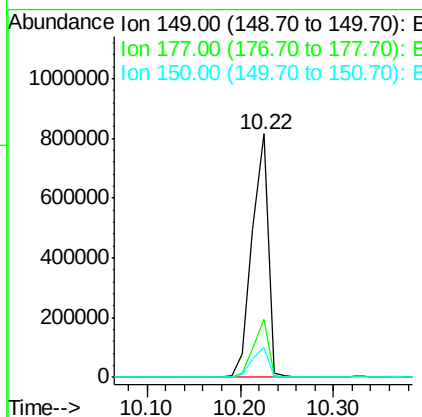
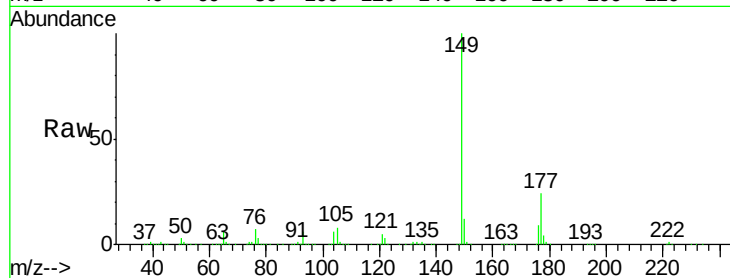
ClientSampled :

PB94407BS

Tgt Ion:	149	Resp:	976886
Ion Ratio	Lower	Upper	
149	100		
177	23.6	17.5	26.3
150	12.4	9.4	14.2

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#60

4-Chlorophenyl-phenylether

Concen: 42.16 ng

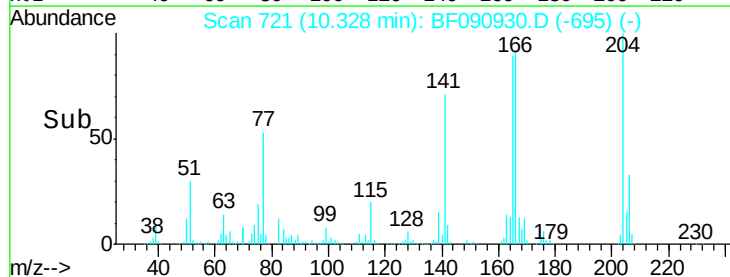
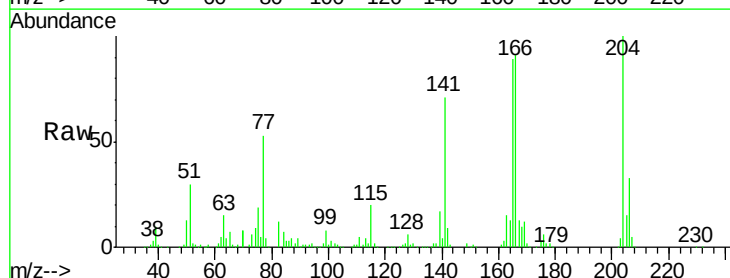
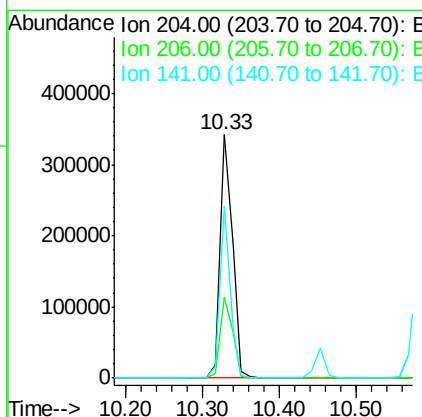
RT: 10.33 min Scan# 721

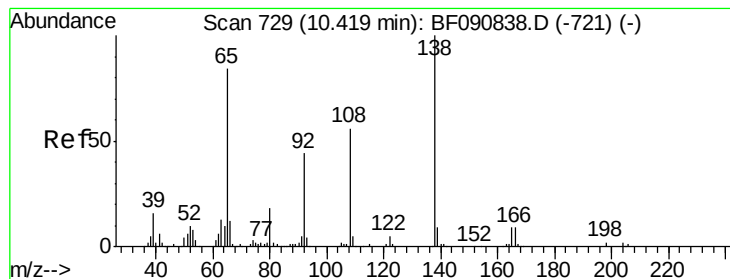
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	204	Resp:	386145
Ion Ratio	Lower	Upper	
204	100		
206	33.0	24.8	37.2
141	70.7	42.2	63.4#





#61

4-Nitroaniline

Concen: 38.80 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampled :

PB94407BS

Tgt Ion: 138 Resp: 187533
Ion Ratio Lower Upper

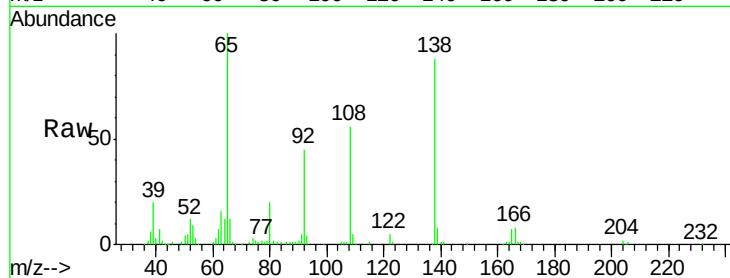
138 100

92 51.6 12.6 52.6

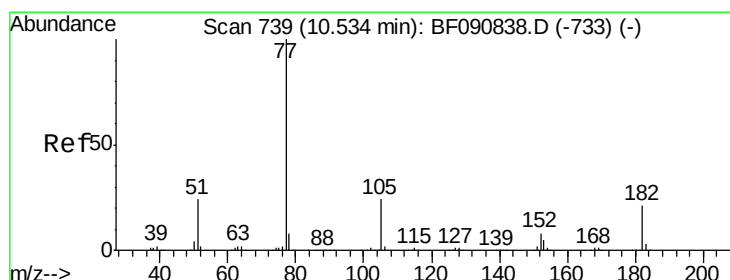
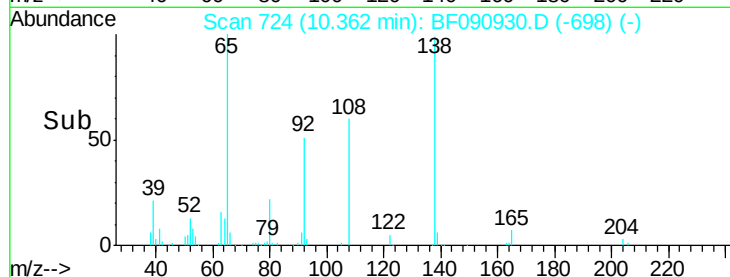
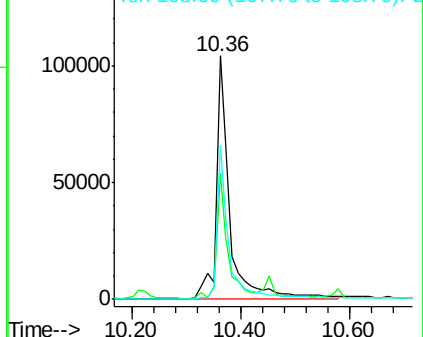
108 63.1 12.4 52.4#

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



#62

Azobenzene

Concen: 39.86 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion: 77 Resp: 808143
Ion Ratio Lower Upper

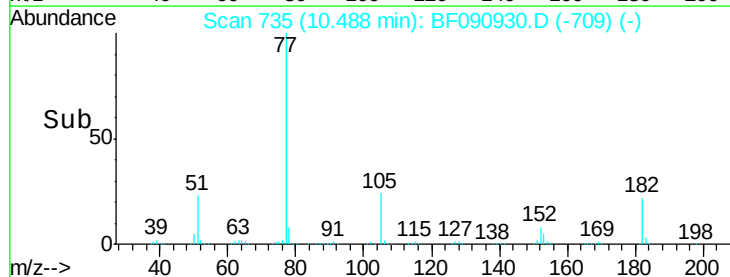
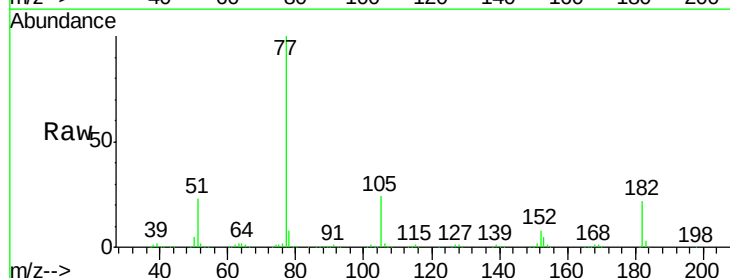
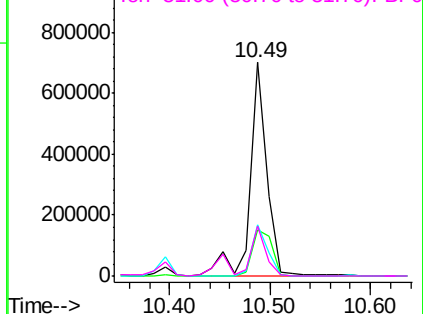
77 100

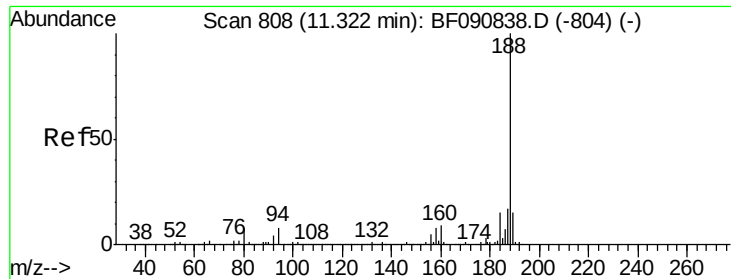
182 21.9 15.1 55.1

105 24.0 3.4 43.4

51 23.3 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





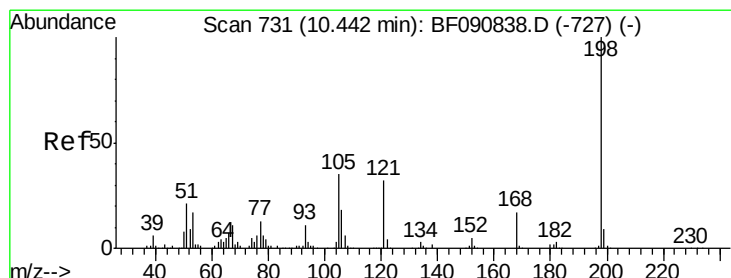
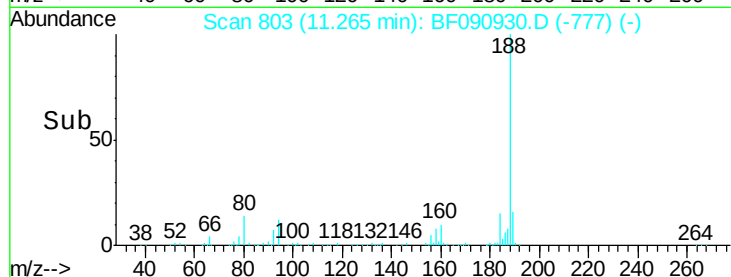
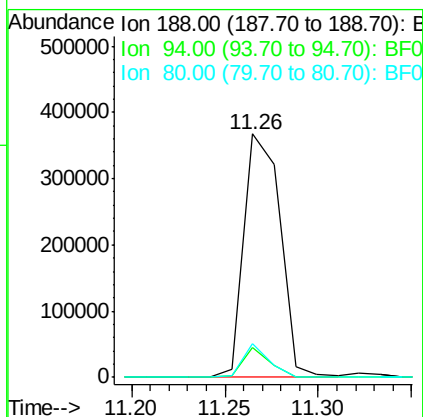
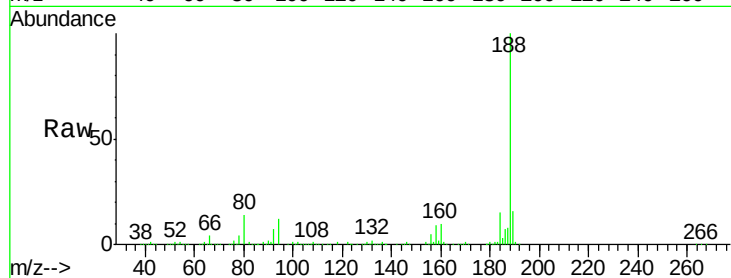
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampled :
PB94407BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.3	11.1	16.7
80	14.0	11.0	16.4

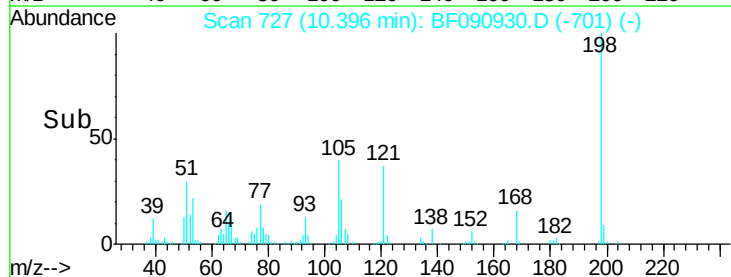
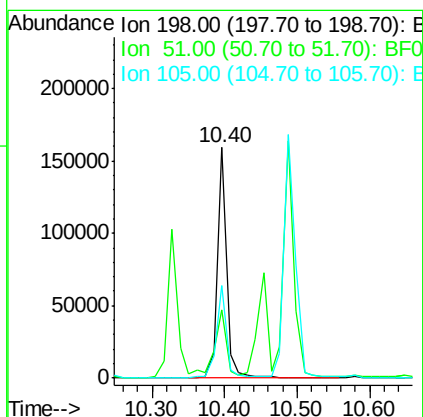
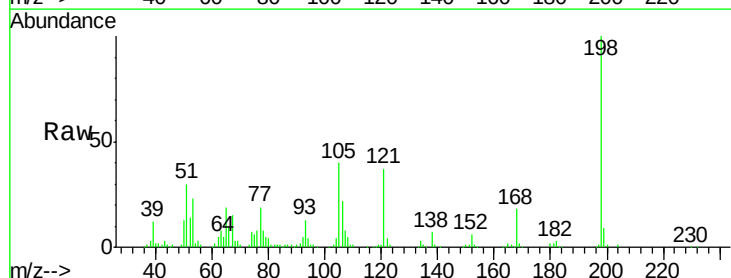
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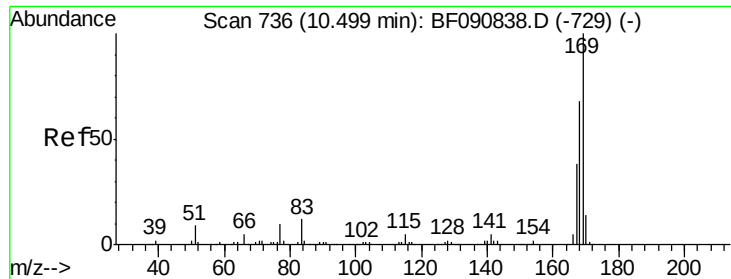
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.26 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	29.8	39.6	79.6#
105	40.3	28.5	68.5





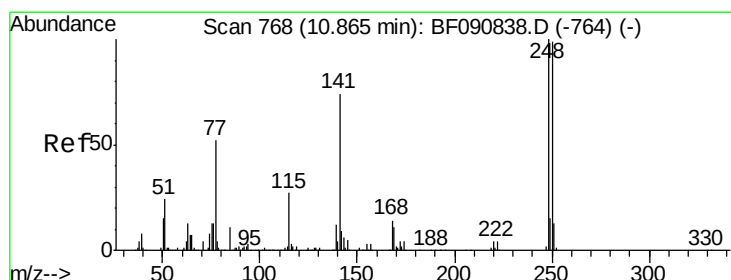
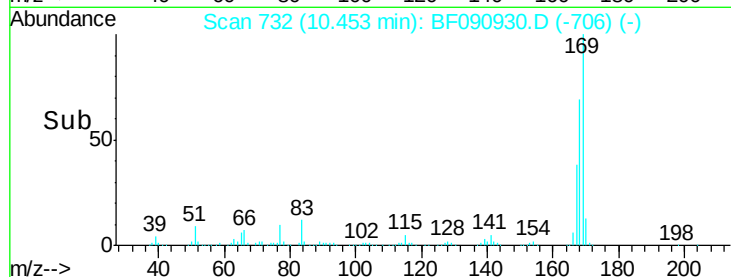
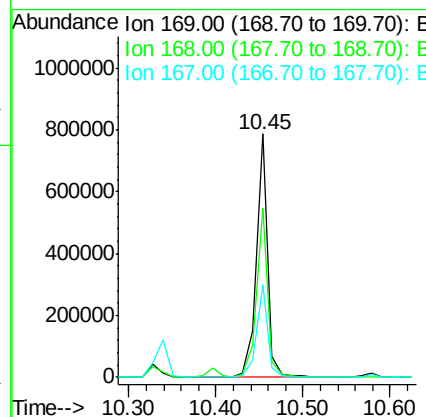
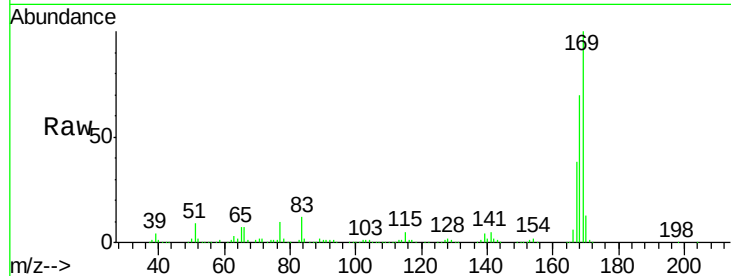
#65
 n-Nitrosodiphenylamine
 Concen: 47.40 ng
 RT: 10.45 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	722495		
168	69.6	48.9	73.3	
167	37.8	26.2	39.4	

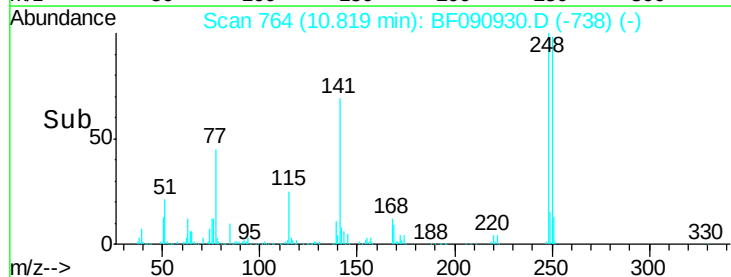
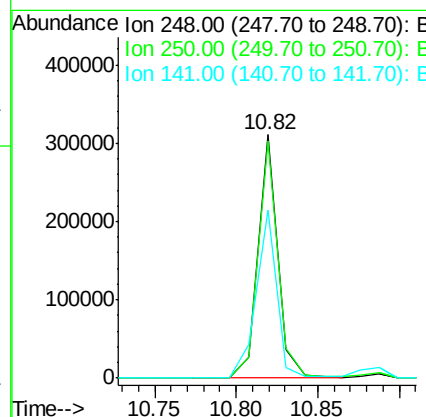
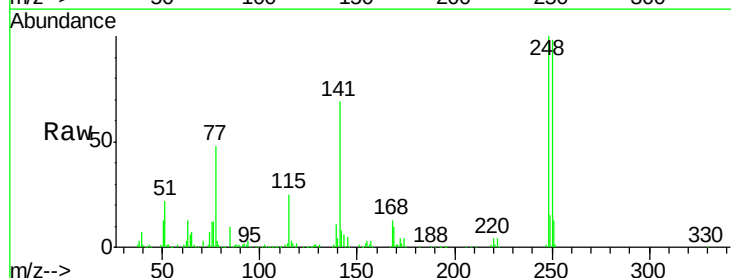
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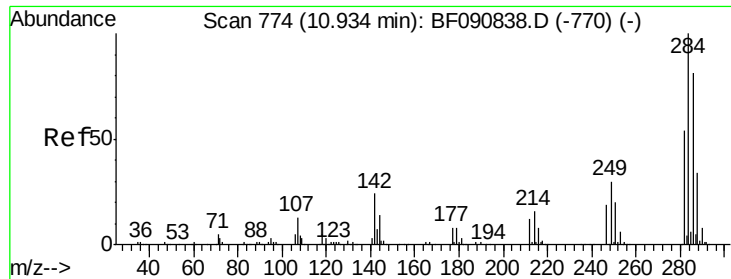
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#66
 4-Bromophenyl-phenylether
 Concen: 48.18 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	262526		
250	97.6	78.5	117.7	
141	68.9	59.0	88.6	





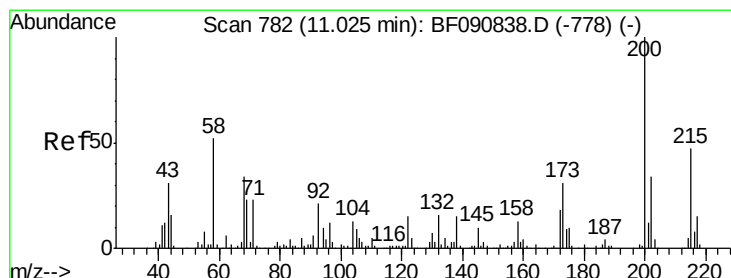
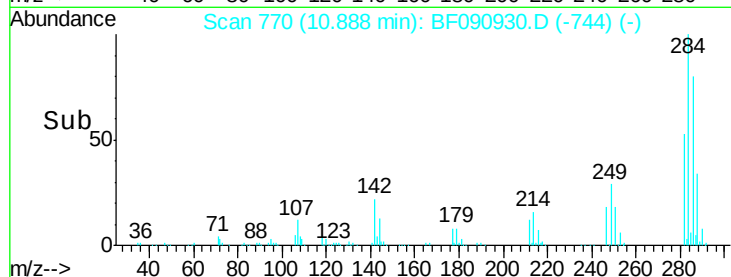
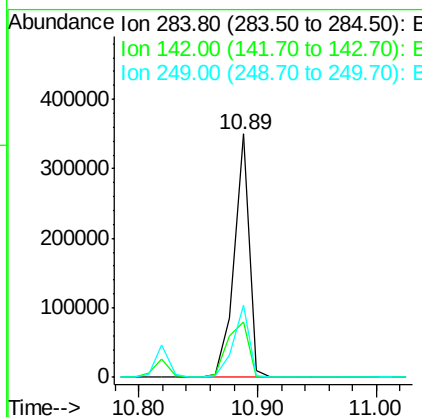
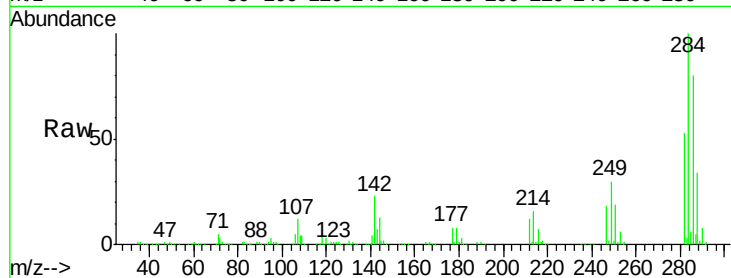
#67
Hexachlorobenzene
Concen: 48.08 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	23.0	29.5	44.3#
249	29.8	19.5	29.3#

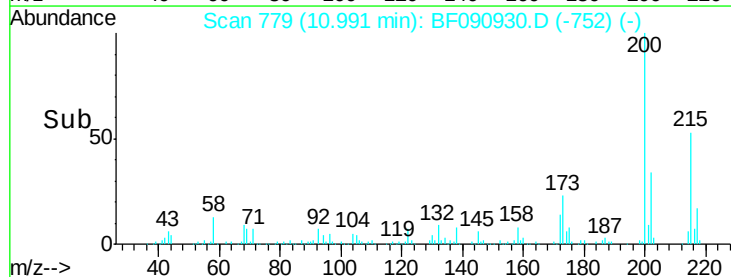
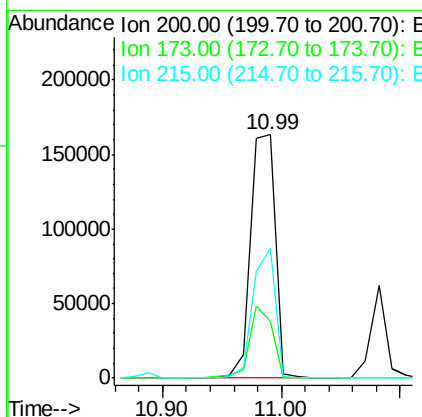
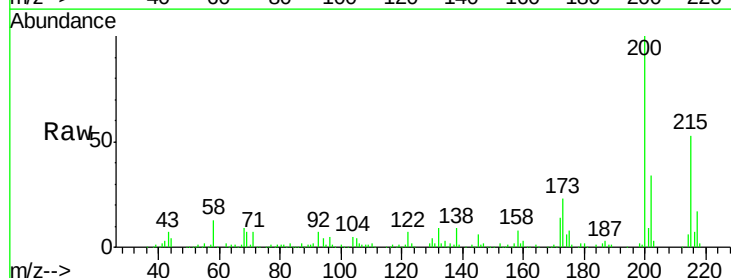
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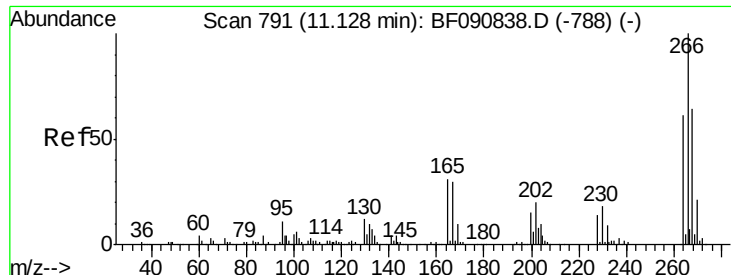
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#68
Atrazine
Concen: 50.50 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.4	13.2	53.2
215	53.0	41.8	81.8





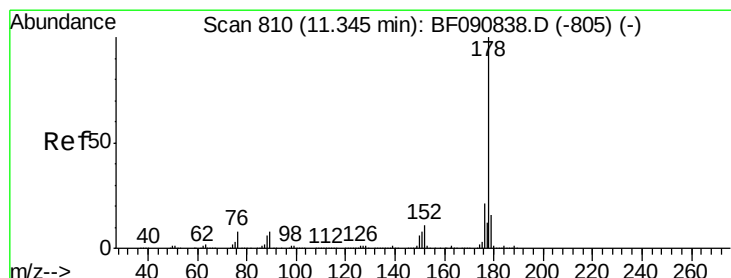
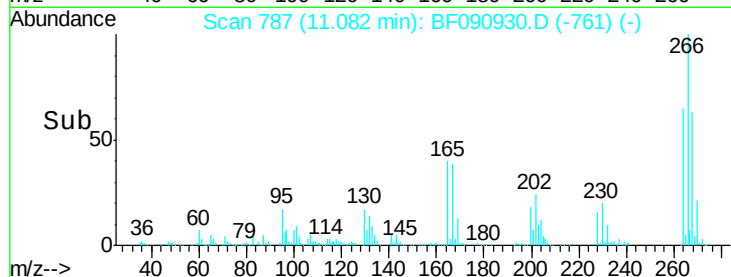
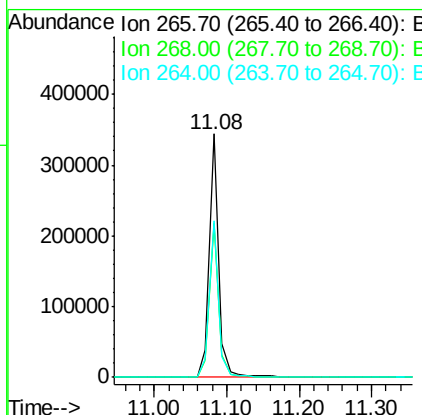
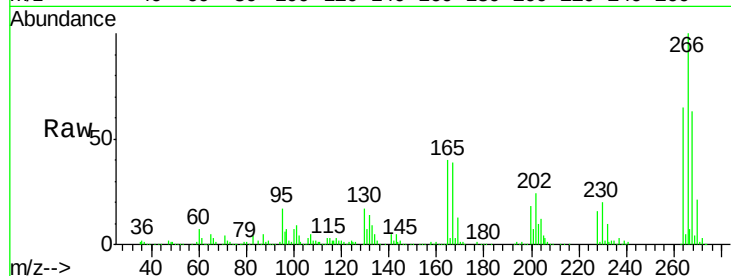
#69
 Pentachlorophenol
 Concen: 91.12 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	315271		
268	63.4	49.8	74.6	
264	64.5	50.2	75.2	

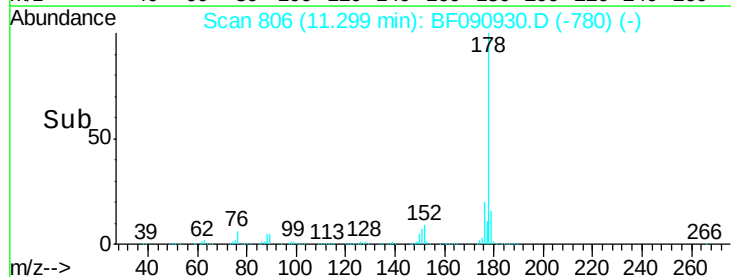
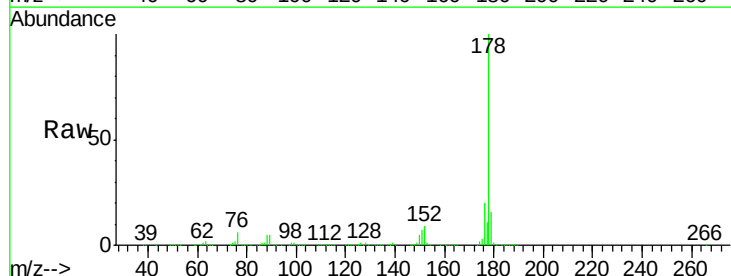
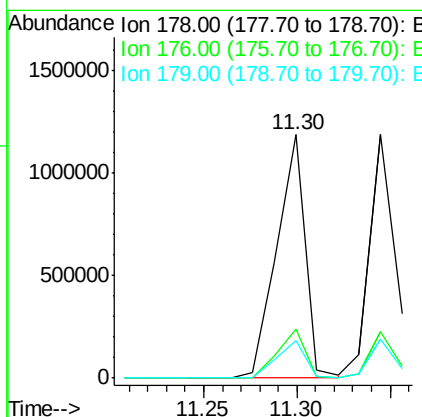
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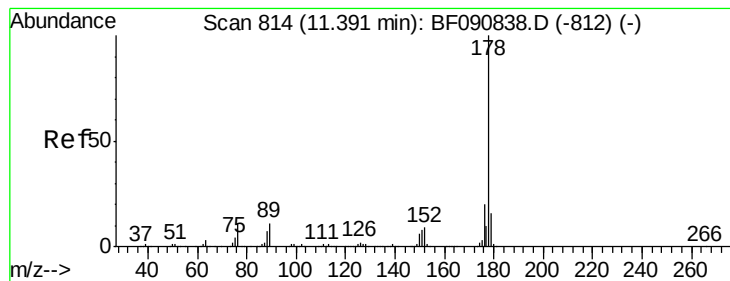
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#70
 Phenanthrene
 Concen: 49.46 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1253290		
176	20.0	13.8	20.8	
179	15.7	12.2	18.2	





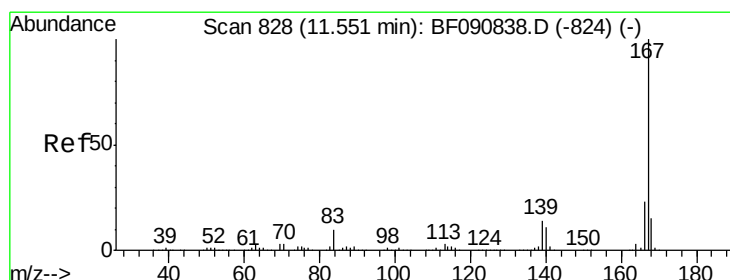
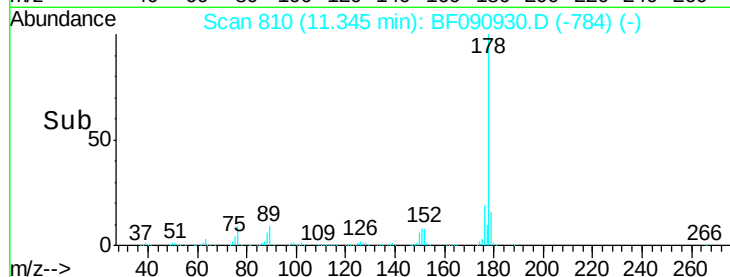
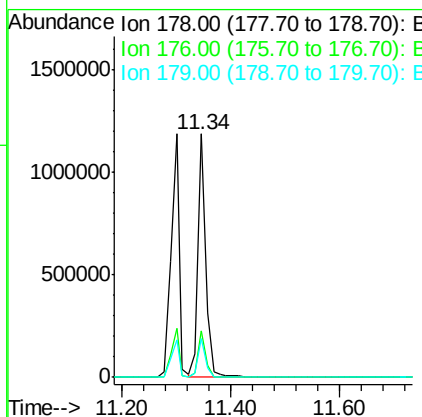
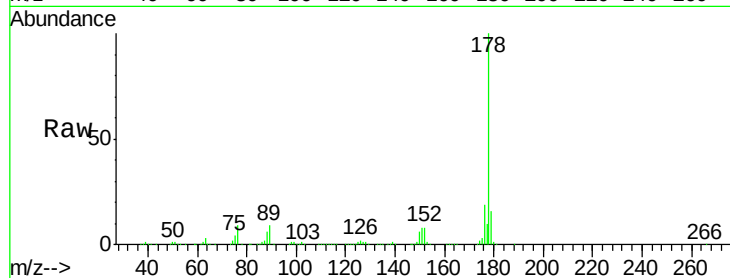
#71
 Anthracene
 Concen: 43.68 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion:178 Resp: 1165443
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 16.0 12.2 18.2

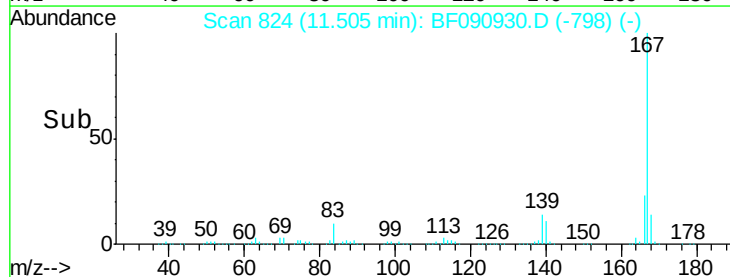
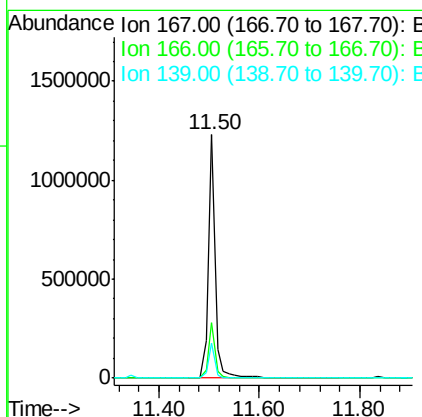
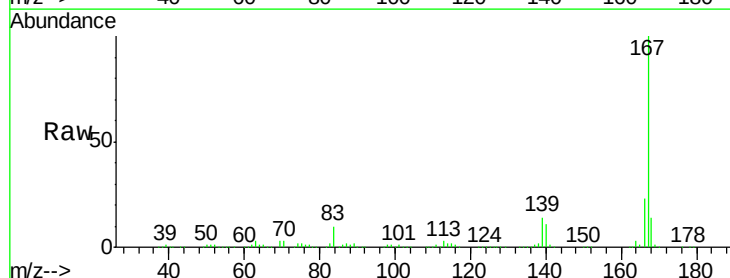
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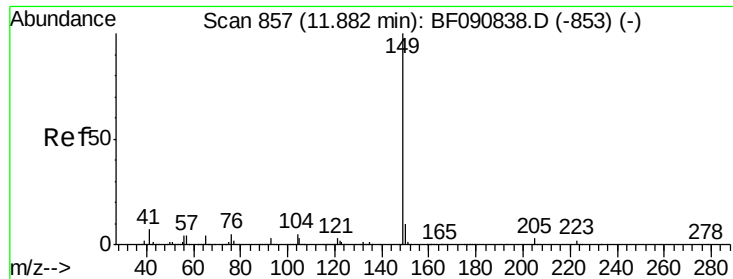
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#72
 Carbazole
 Concen: 49.71 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:167 Resp: 1171236
 Ion Ratio Lower Upper
 167 100
 166 22.7 15.7 23.5
 139 14.4 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 46.39 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB94407BS

Tgt Ion:149 Resp: 1408986

Ion Ratio Lower Upper

149 100

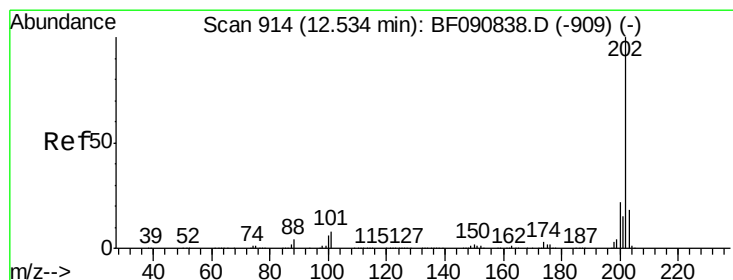
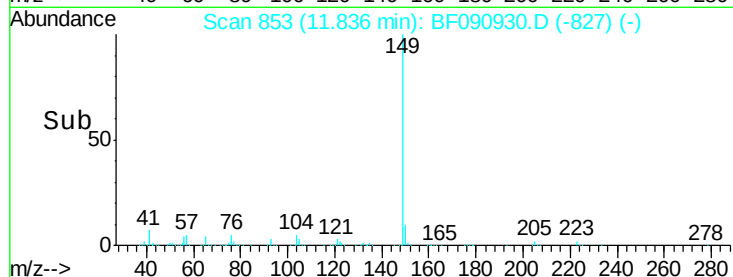
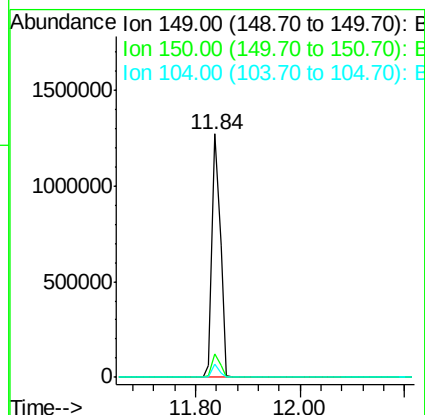
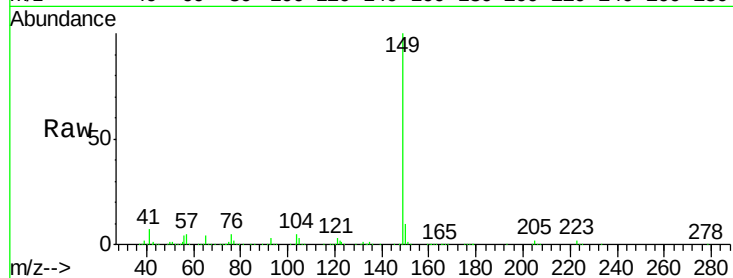
150 9.9 7.4 11.2

104 5.2 2.4 3.6#

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11/1/2016 5:19:26 PM



#74

Fluoranthene

Concen: 45.41 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

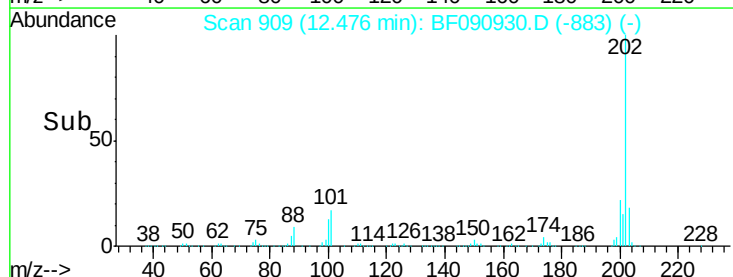
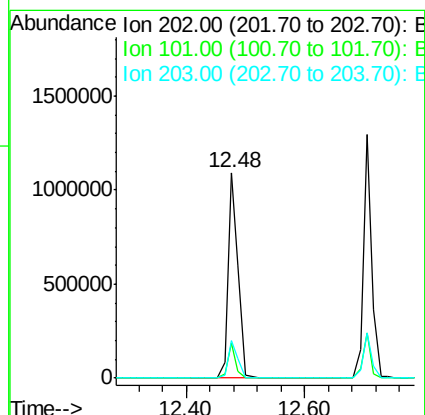
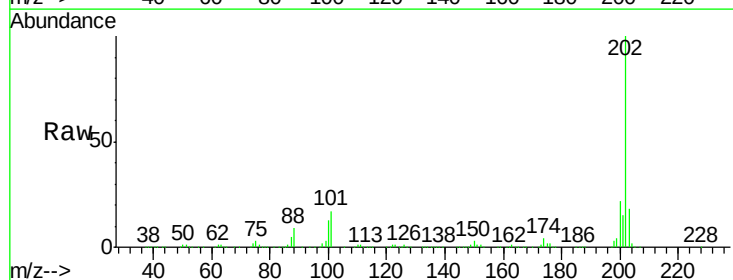
Tgt Ion:202 Resp: 1260087

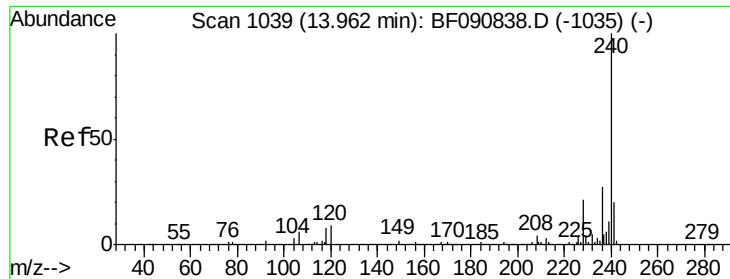
Ion Ratio Lower Upper

202 100

101 17.1 0.0 38.3

203 18.5 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

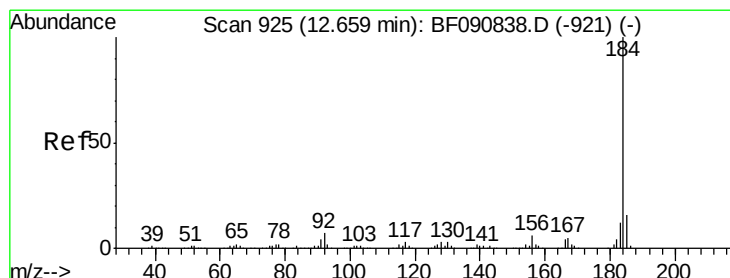
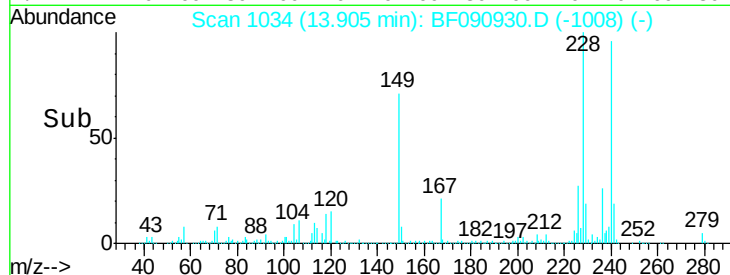
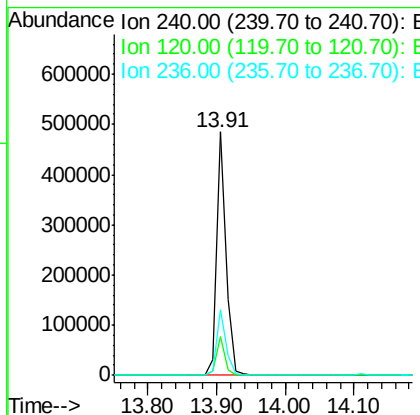
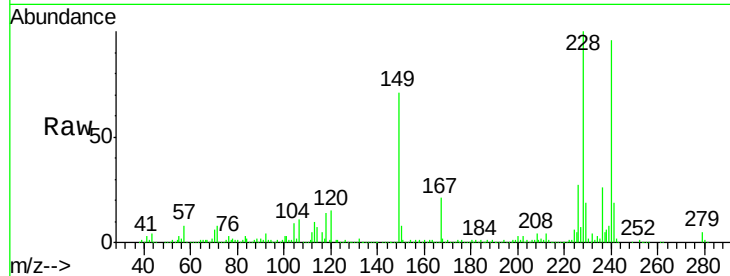
ClientSampleId :

PB94407BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.9	16.2	24.2#
236	26.8	18.4	27.6

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#76

Benzidine

Concen: 15.37 ng

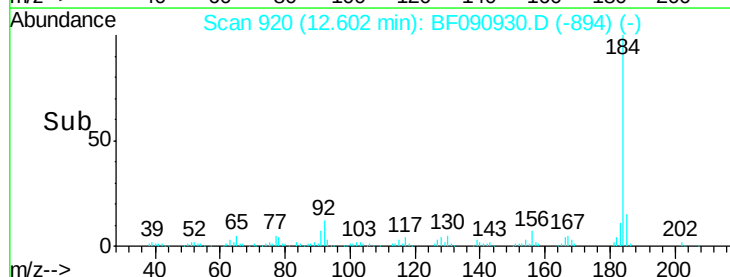
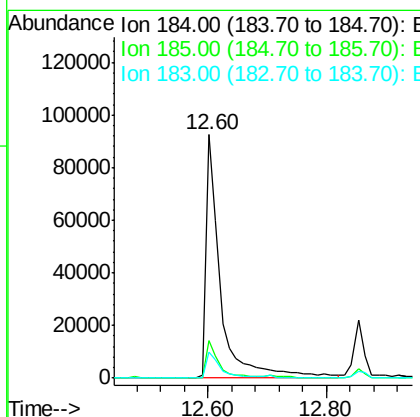
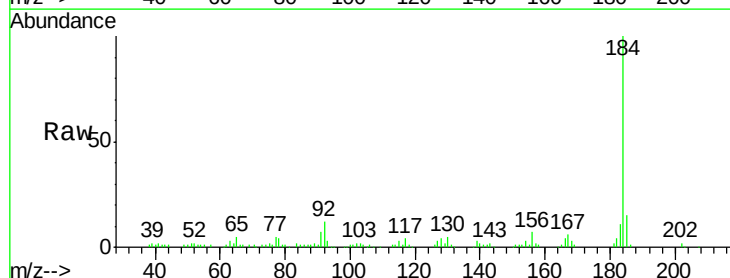
RT: 12.60 min Scan# 920

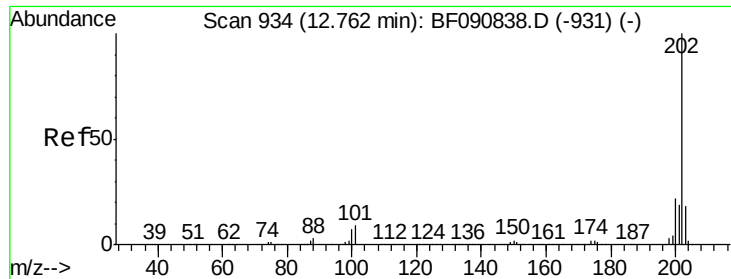
Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.8	17.6
183	10.7	7.6	11.4





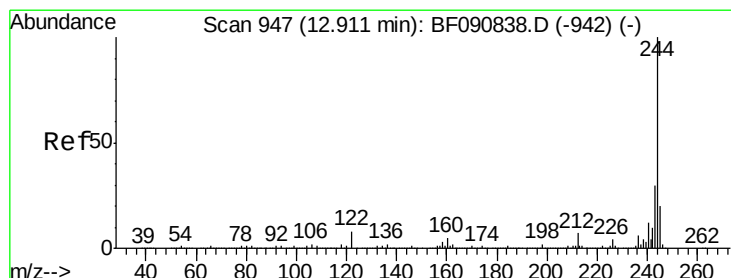
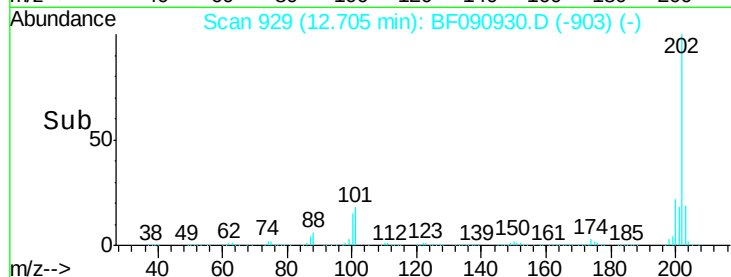
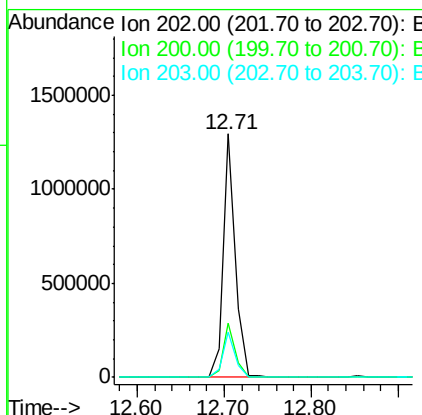
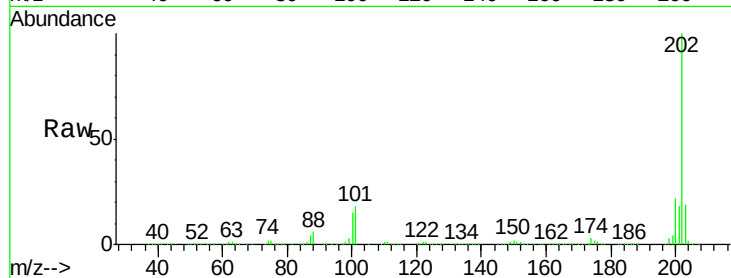
#77
Pyrene
 Concen: 41.96 ng
 RT: 12.71 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	15.0	22.4
203	18.5	14.1	21.1

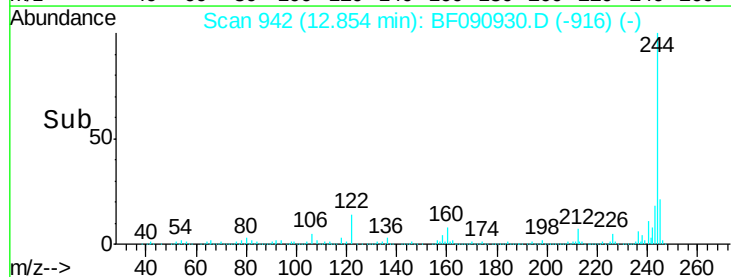
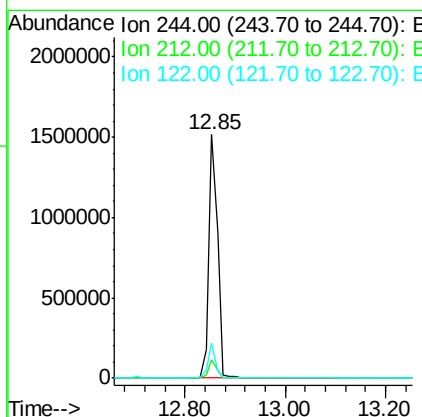
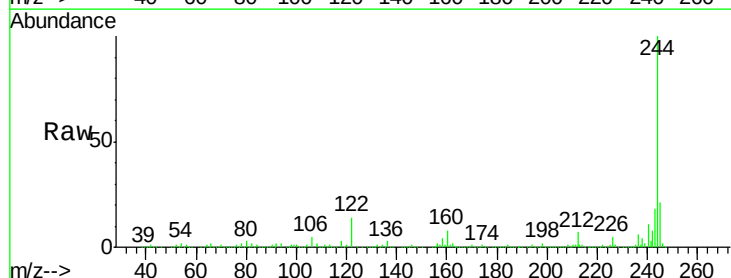
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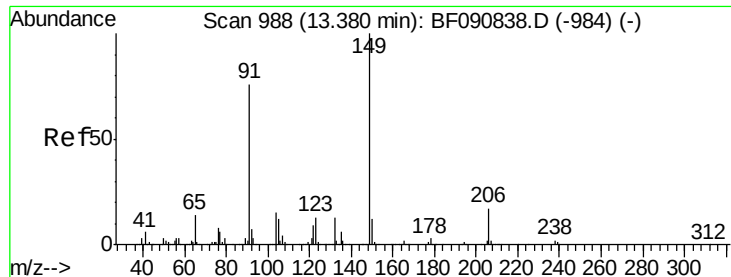
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#78
Terphenyl-d14
 Concen: 97.13 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	14.2	17.4	26.2#





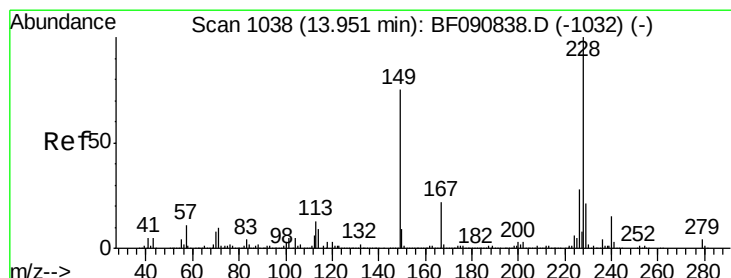
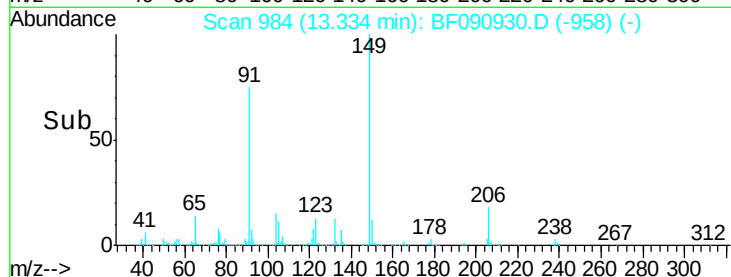
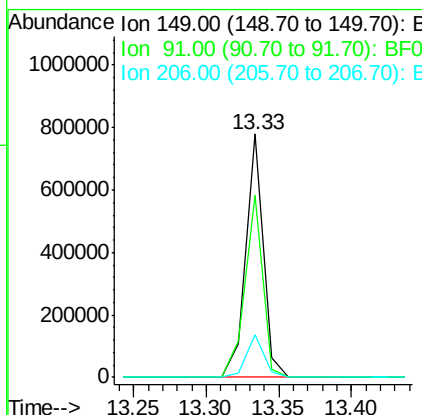
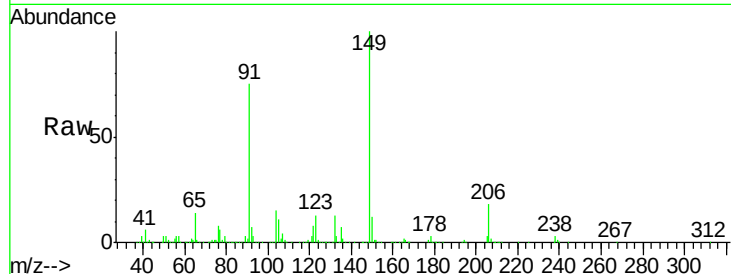
#79
Butylbenzylphthalate
Concen: 48.20 ng
RT: 13.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampled :
PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	657193		
91	74.7	48.6	72.8#	
206	17.7	14.9	22.3	

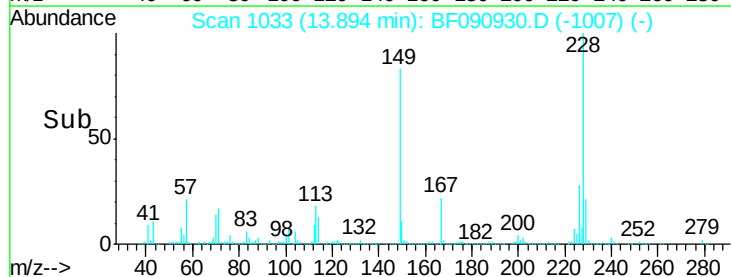
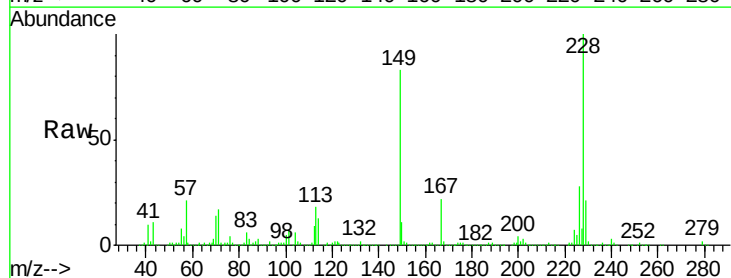
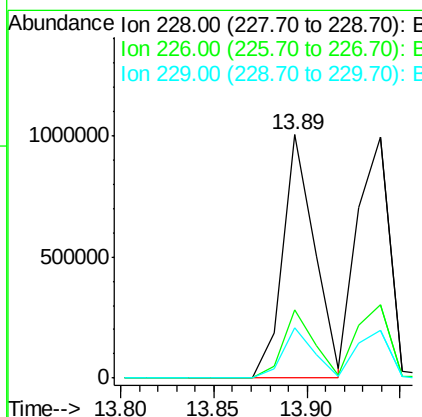
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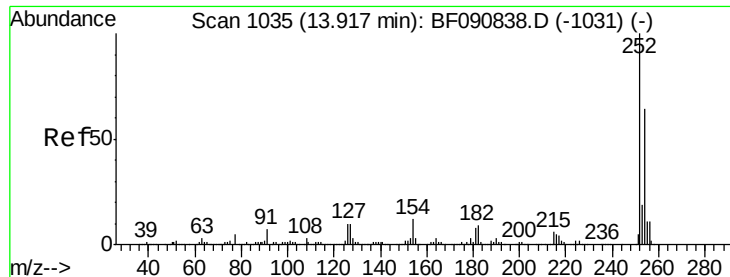
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#80
Benzo(a)anthracene
Concen: 47.25 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1190752		
226	28.0	20.0	30.0	
229	20.5	15.4	23.2	





#81

3,3'-Dichlorobenzidine

Concen: 27.06 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

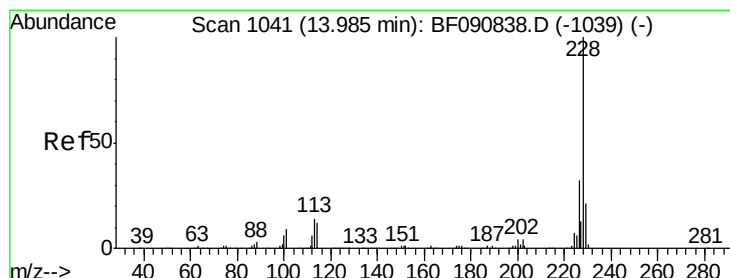
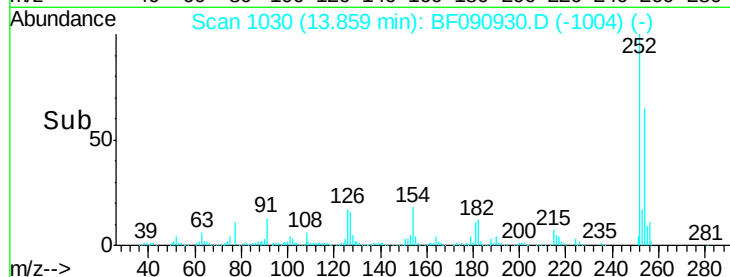
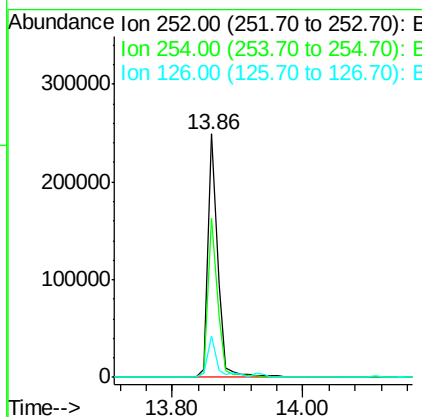
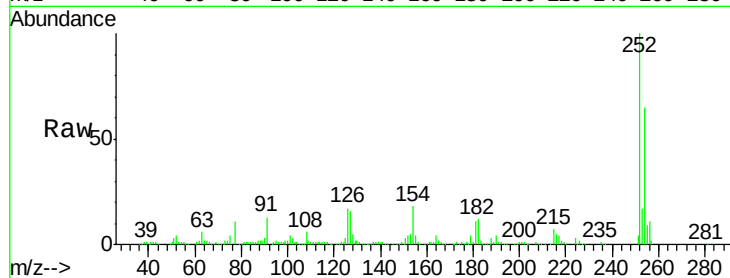
ClientSampleId :

PB94407BS

Tgt Ion:	252	Resp:	264747
Ion Ratio	Lower	Upper	
252	100		
254	65.4	51.4	77.2
126	16.8	16.4	24.6

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#82

Chrysene

Concen: 47.96 ng

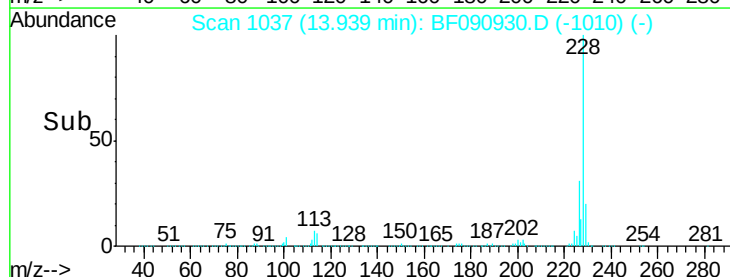
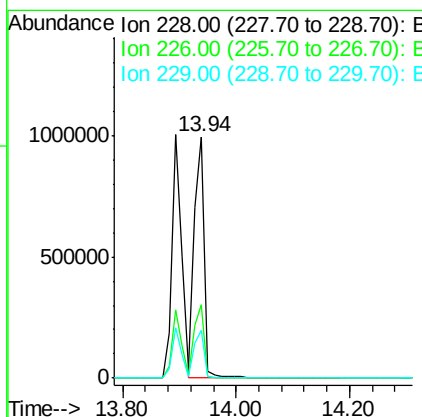
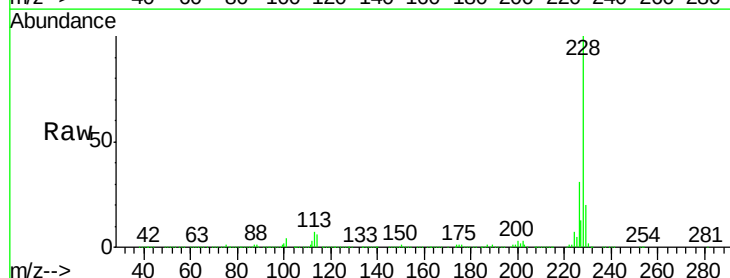
RT: 13.94 min Scan# 1037

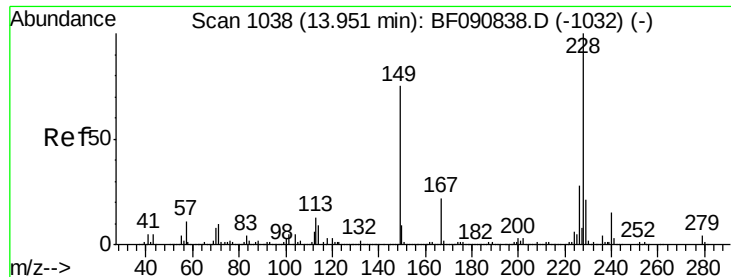
Delta R.T. 0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	228	Resp:	1222512
Ion Ratio	Lower	Upper	
228	100		
226	30.6	21.0	31.4
229	19.9	15.6	23.4





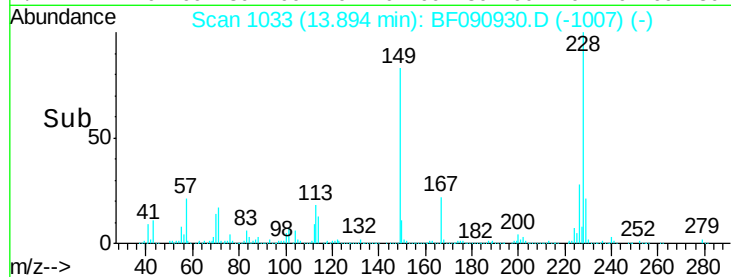
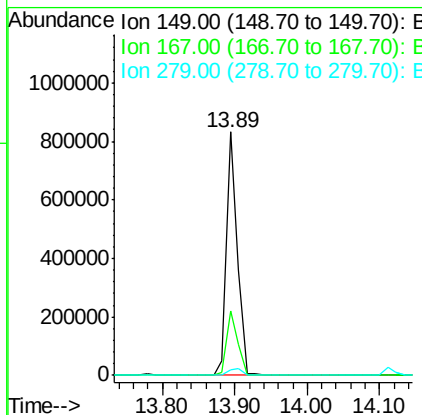
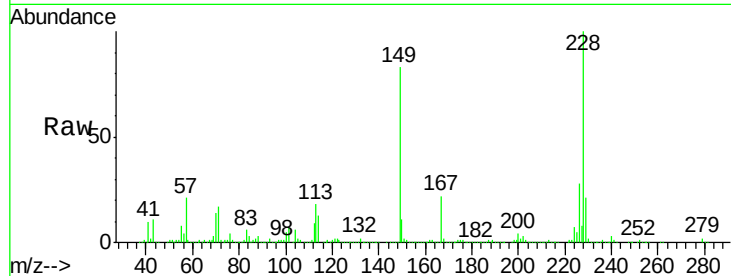
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.47 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampled :
 PB94407BS

Tgt Ion:149 Resp: 860596
 Ion Ratio Lower Upper
 149 100
 167 26.3 24.2 36.2
 279 2.5 3.8 5.6#

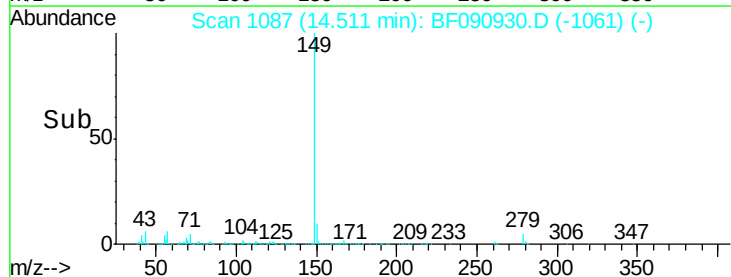
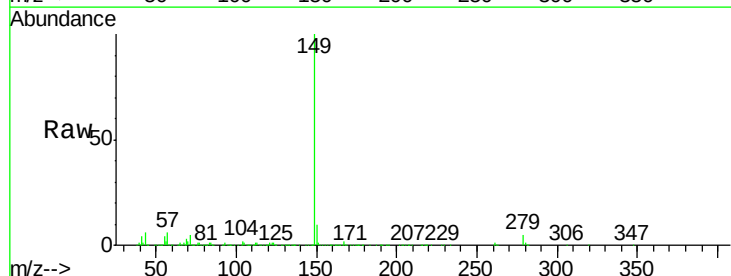
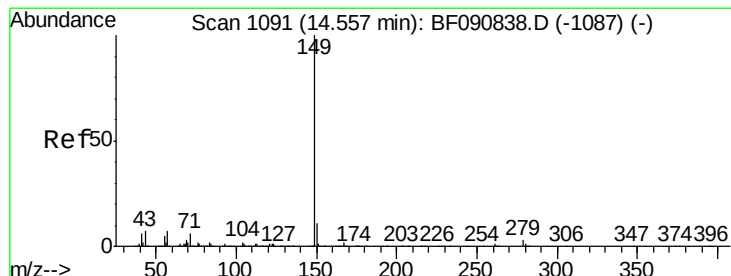
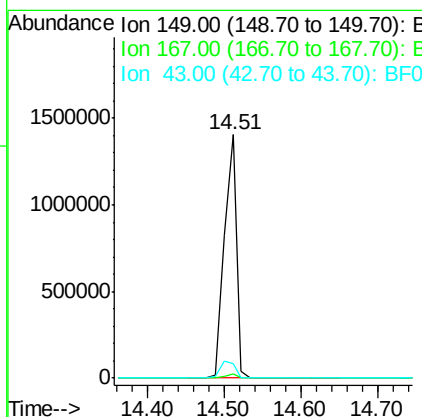
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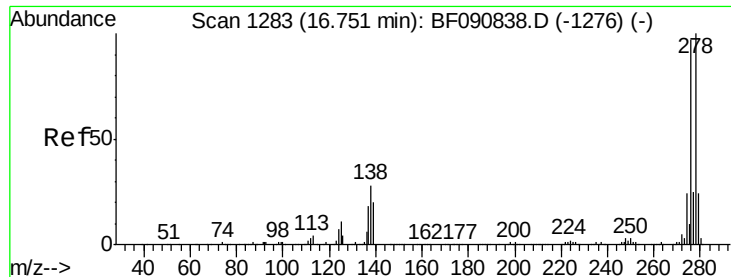
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#84
 Di-n-octyl phthalate
 Concen: 52.68 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion:149 Resp: 1570716
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.0 1.6
 43 8.2 10.2 15.2#





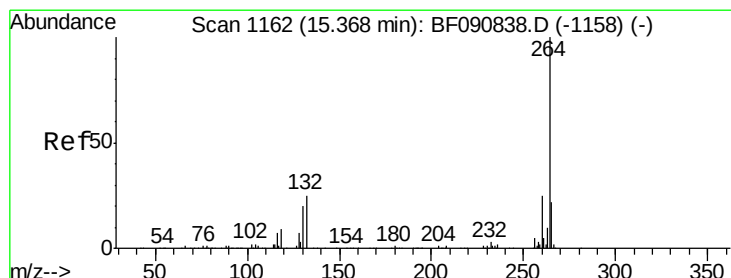
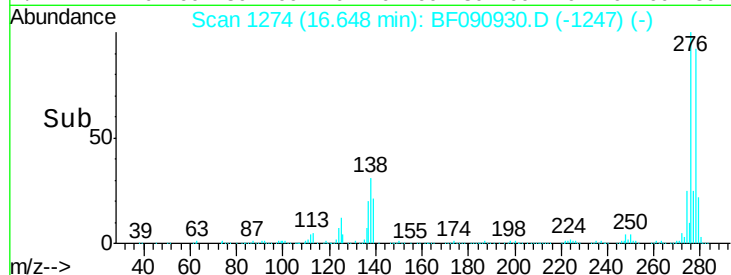
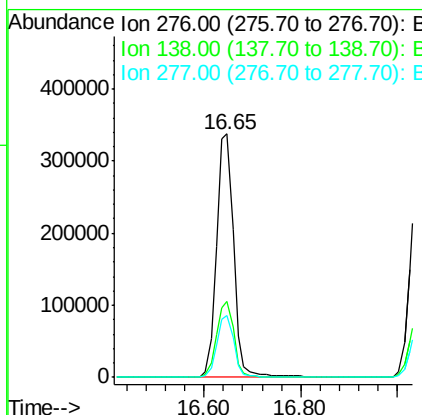
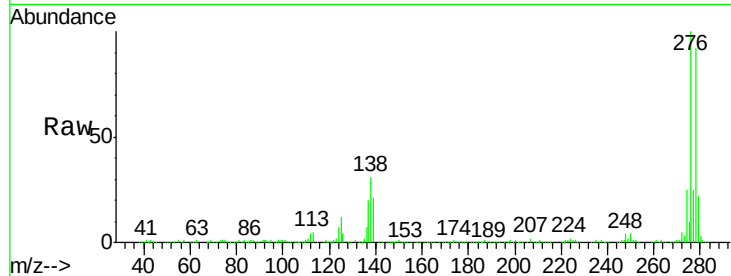
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.43 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB94407BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	845609		
138	31.9	25.7	38.5	
277	25.4	15.6	23.4	

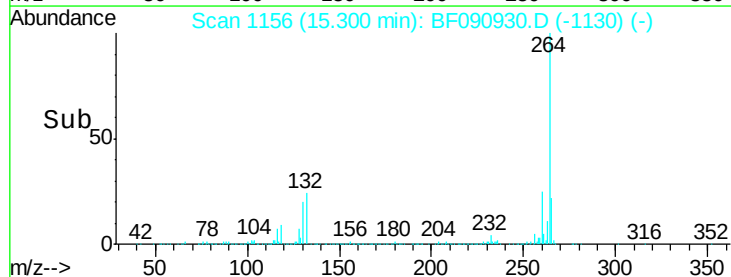
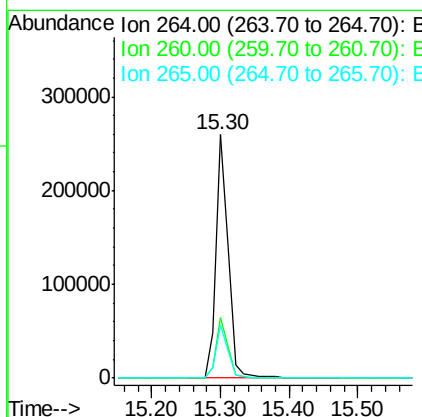
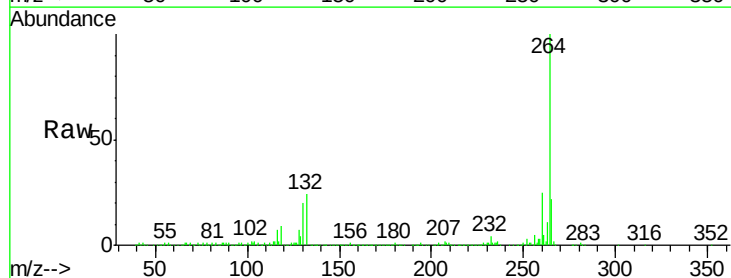
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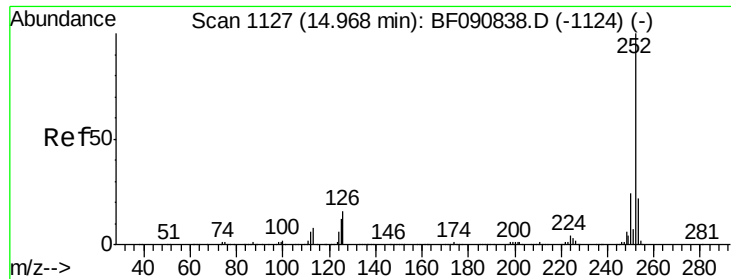
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF090930.D
 Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	329411		
260	25.0	16.7	25.1	
265	21.6	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 44.00 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

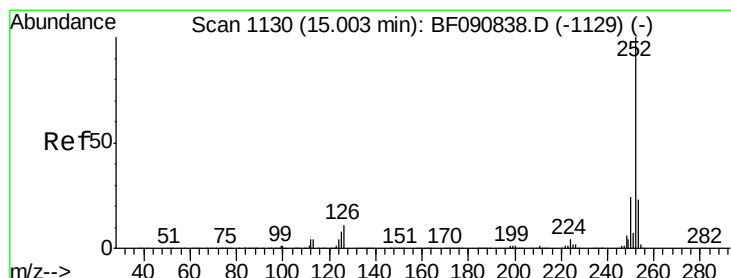
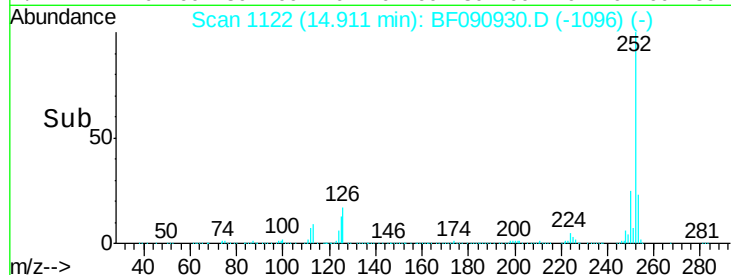
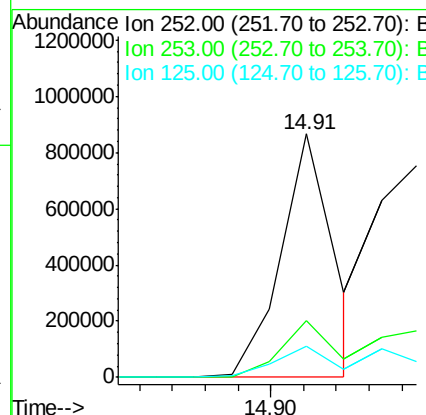
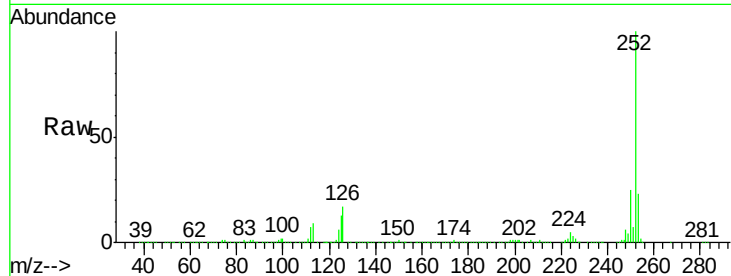
ClientSampled :

PB94407BS

Tgt Ion:	252	Resp:	974544
Ion Ratio		Lower	Upper
252	100		
253	23.1	17.5	26.3
125	12.9	17.1	25.7

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#88

Benzo(k)fluoranthene

Concen: 57.46 ng m

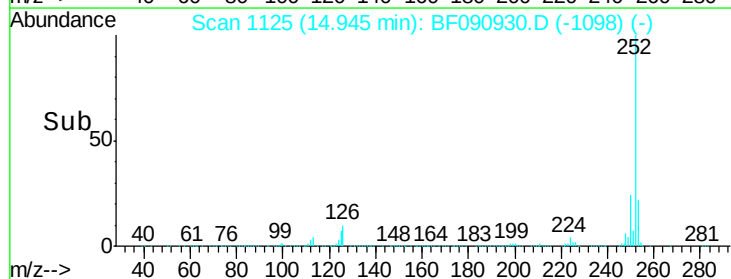
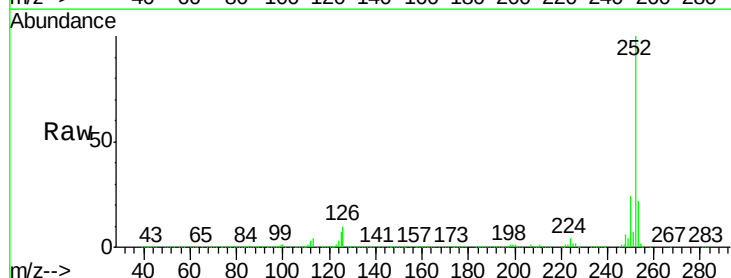
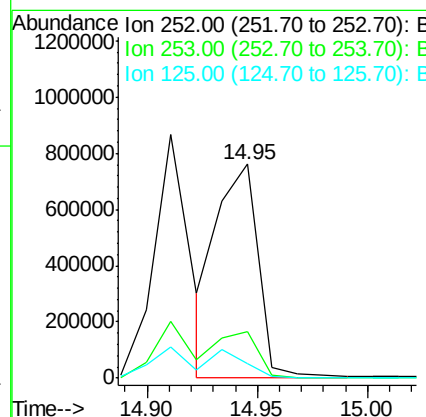
RT: 14.95 min Scan# 1125

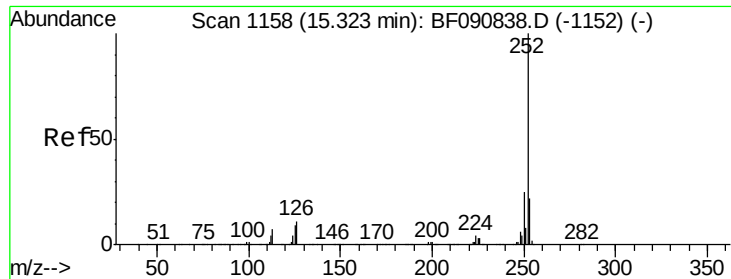
Delta R.T. 0.01 min

Lab File: BF090930.D

Acq: 31 Oct 2016 16:11

Tgt Ion:	252	Resp:	1005786
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.0	25.4
125	6.9	16.0	24.0





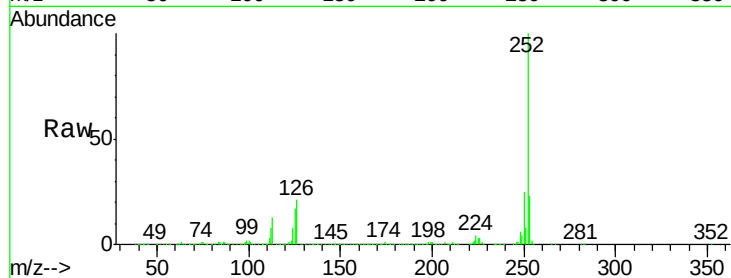
#89
Benzo(a)pyrene
Concen: 47.02 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Instrument :
BNA_F
ClientSampleId :
PB94407BS

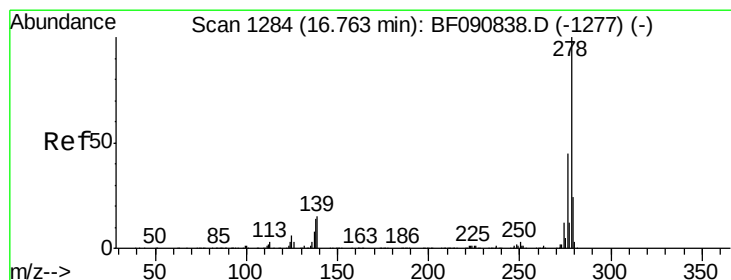
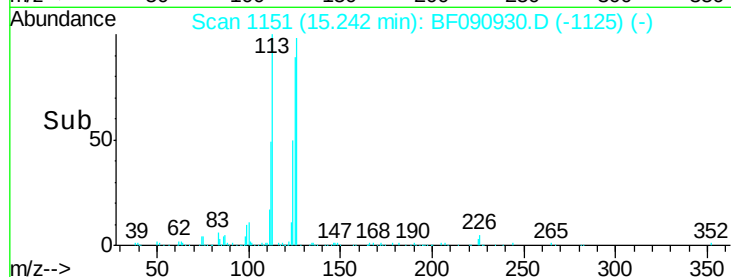
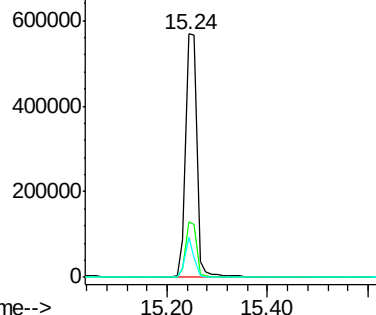
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	16.6	18.0	27.0#

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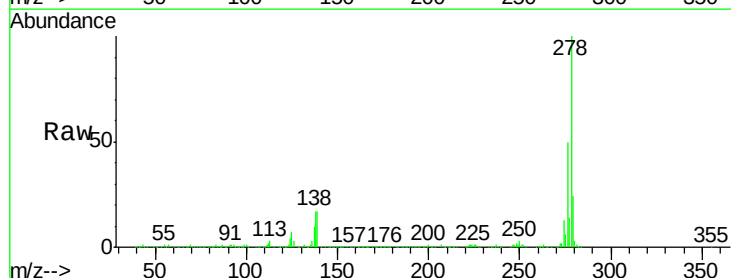


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

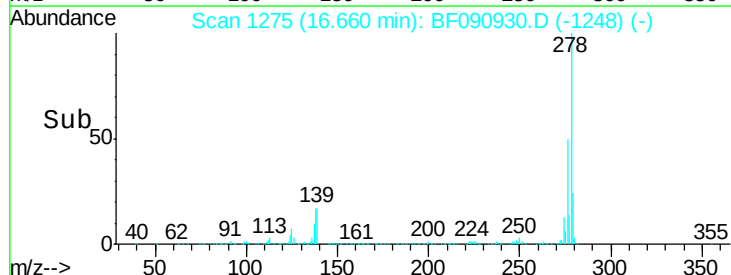
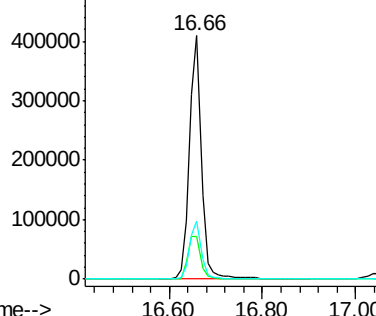


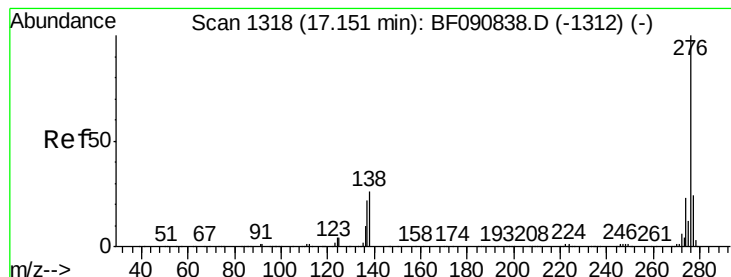
#90
Dibenzo(a,h)anthracene
Concen: 44.83 ng
RT: 16.66 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BF090930.D
Acq: 31 Oct 2016 16:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	26.3	39.5#
279	23.9	18.2	27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.87 ng

RT: 17.05 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF090930.D

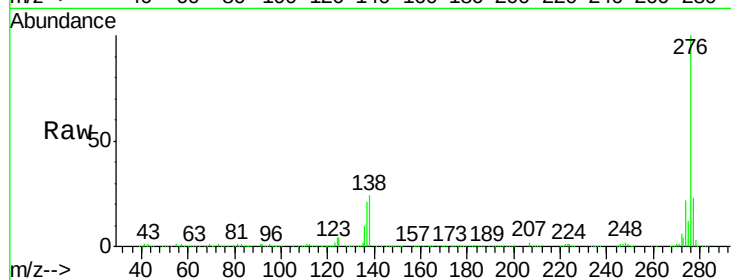
Acq: 31 Oct 2016 16:11

Instrument :

BNA_F

ClientSampleId :

PB94407BS



Tgt Ion: 276 Resp: 680822

Ion Ratio Lower Upper

276 100

277 23.3 17.8 26.6

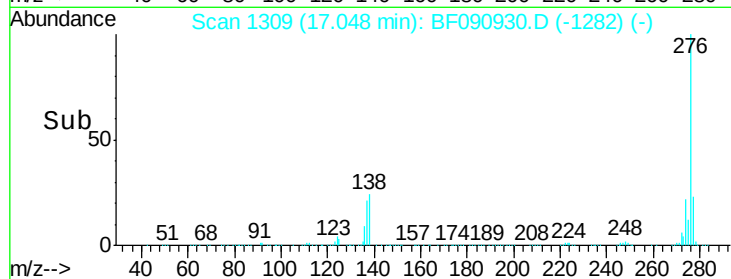
138 24.3 34.6 51.8#

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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

