

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091287.D
 Acq On : 23 Nov 2016 20:58
 Operator : UM/SJ
 Sample : H5740-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

Manual Integrations
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 11/28/2016 4:52:51 PM

Quant Time: Nov 26 04:31:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 04:24:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	213739	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	865716	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	461529	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	681317	20.00	ng	0.00
75) Chrysene-d12	14.04	240	472482	20.00	ng	0.00
86) Perylene-d12	15.48	264	488268	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1365481	102.64	ng	0.02
7) Phenol-d6	6.51	99	1657879	97.00	ng	0.00
23) Nitrobenzene-d5	7.45	82	1097075	72.96	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	429548	92.29	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1795310	63.69	ng	-0.01
78) Terphenyl-d14	12.99	244	1287926	62.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	164301	26.18	ng	# 85
3) Pyridine	3.29	79	444666	26.37	ng	87
4) n-Nitrosodimethylamine	3.23	42	317295	34.36	ng	94
6) Aniline	6.52	93	379129	17.35	ng	# 37
8) 2-Chlorophenol	6.67	128	508029	35.06	ng	98
9) Benzaldehyde	6.42	77	33494	2.61	ng	92
10) Phenol	6.52	94	611608	32.07	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	546419m	38.98	ng	
12) 1,3-Dichlorobenzene	6.82	146	512536m	32.44	ng	
13) 1,4-Dichlorobenzene	6.90	146	545896	33.76	ng	99
14) 1,2-Dichlorobenzene	7.06	146	490902m	31.99	ng	
15) Benzyl Alcohol	7.02	79	496869	37.44	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	973781	31.68	ng	71
17) 2-Methylphenol	7.14	107	430148	37.52	ng	# 76
18) Hexachloroethane	7.40	117	187468	32.56	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	377492	35.21	ng	# 96
20) 3+4-Methylphenols	7.29	107	464023	32.97	ng	# 68
22) Acetophenone	7.29	105	679412	34.78	ng	# 73
24) Nitrobenzene	7.46	77	523602	32.91	ng	95
25) Isophorone	7.71	82	997251	35.50	ng	94
26) 2-Nitrophenol	7.78	139	231899	36.34	ng	98
27) 2,4-Dimethylphenol	7.82	122	478198	35.70	ng	93
28) bis(2-Chloroethoxy)methane	7.92	93	601499	35.96	ng	99
29) 2,4-Dichlorophenol	8.02	162	382887	32.35	ng	96
30) 1,2,4-Trichlorobenzene	8.11	180	469831	34.46	ng	98
31) Naphthalene	8.19	128	1470405	35.31	ng	100
32) Benzoic acid	7.88	122	38332	3.63	ng	88
33) 4-Chloroaniline	8.24	127	272227	15.03	ng	# 93
34) Hexachlorobutadiene	8.32	225	270096	33.51	ng	100
35) Caprolactam	8.60	113	97446	26.71	ng	95
36) 4-Chloro-3-methylphenol	8.72	107	444197	34.92	ng	95
37) 2-Methylnaphthalene	8.88	142	913296	31.95	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439441	35.13	ng	98
40) Hexachlorocyclopentadiene	9.04	237	252987	45.19	ng	99

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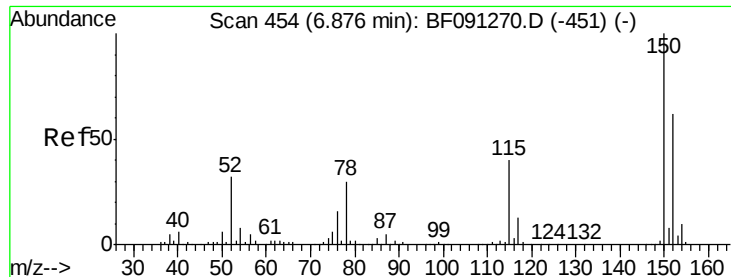
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Quant Time: Nov 26 04:31:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	292867	33.95	ng	97
43) 2,4,5-Trichlorophenol	9.20	196	283261	34.18	ng #	88
45) 1,1'-Biphenyl	9.34	154	1063732	31.97	ng	97
46) 2-Chloronaphthalene	9.37	162	818206	33.57	ng	99
47) 2-Nitroaniline	9.46	65	297507	35.97	ng #	78
48) Acenaphthylene	9.78	152	1269211	32.49	ng	99
49) Dimethylphthalate	9.65	163	1126400	39.09	ng	98
50) 2,6-Dinitrotoluene	9.71	165	223775	35.55	ng #	53
51) Acenaphthene	9.96	154	928978	34.94	ng	95
52) 3-Nitroaniline	9.87	138	144888	21.41	ng	91
53) 2,4-Dinitrophenol	9.97	184	60763	29.61	ng	91
54) Dibenzofuran	10.13	168	1226478	32.80	ng #	87
55) 4-Nitrophenol	10.03	139	343464	70.37	ng #	79
56) 2,4-Dinitrotoluene	10.11	165	299441	37.59	ng #	85
57) Fluorene	10.46	166	945434	33.04	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	241836	33.19	ng	97
59) Diethylphthalate	10.35	149	1000122	34.49	ng #	94
60) 4-Chlorophenyl-phenylether	10.46	204	440822	33.44	ng	93
61) 4-Nitroaniline	10.48	138	161985	25.65	ng	86
62) Azobenzene	10.62	77	1079718	36.71	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	92272	29.86	ng #	67
65) n-Nitrosodiphenylamine	10.58	169	772872	37.36	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	288346	38.72	ng #	79
67) Hexachlorobenzene	11.01	284	274985	33.69	ng #	83
68) Atrazine	11.12	200	249012	Below	Cal	90
69) Pentachlorophenol	11.21	266	292928	60.65	ng	97
70) Phenanthrene	11.44	178	2995622	84.75	ng	98
71) Anthracene	11.48	178	1528816	42.30	ng	99
72) Carbazole	11.63	167	1205391	37.48	ng	99
73) Di-n-butylphthalate	11.97	149	1332195	35.77	ng	100
74) Fluoranthene	12.63	202	3579971	99.58	ng	98
76) Benzidine	12.74	184	69230	7.56	ng	100
77) Pyrene	12.85	202	3120270	89.38	ng	98
79) Butylbenzylphthalate	13.47	149	464321	33.23	ng	87
80) Benzo(a)anthracene	14.03	228	1788694	66.70	ng	98
81) 3,3'-Dichlorobenzidine	14.00	252	207285	23.44	ng	99
82) Chrysene	14.07	228	1392663	54.95	ng	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	559614	32.18	ng	96
84) Di-n-octyl phthalate	14.65	149	1012117	36.97	ng	96
85) Indeno(1,2,3-cd)pyrene	16.91	276	1287786	59.00	ng	95
87) Benzo(b)fluoranthene	15.07	252	1883936m	61.16	ng	
88) Benzo(k)fluoranthene	15.09	252	1153560m	45.85	ng	
89) Benzo(a)pyrene	15.43	252	1494069m	57.02	ng	
90) Dibenzo(a,h)anthracene	16.92	278	856273	35.39	ng #	93
91) Benzo(g,h,i)perylene	17.33	276	1086824	45.29	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF091287.D

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Instrument :

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ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion: 152 Resp: 213739

Ion Ratio Lower Upper

152 100

150 158.3 122.5 183.7

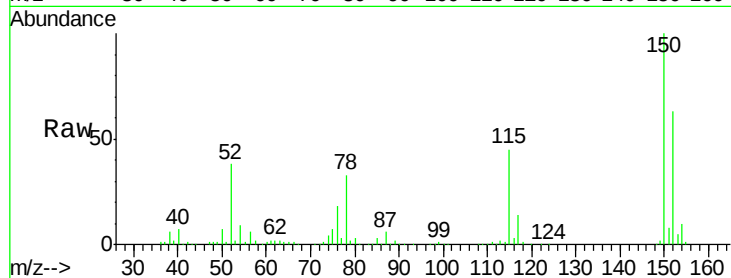
115 71.6 51.8 77.8

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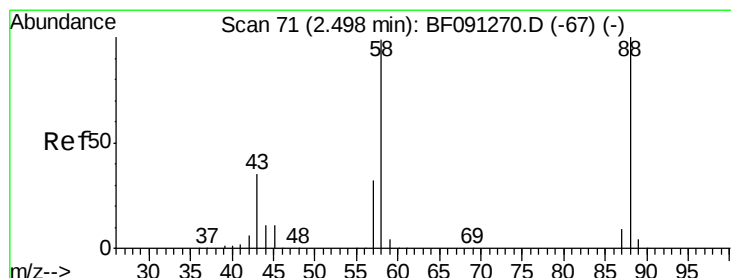
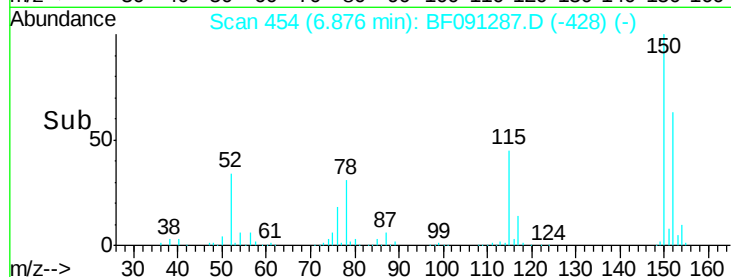
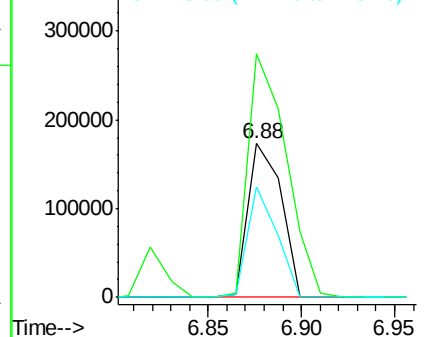
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.18 ng

RT: 2.56 min Scan# 76

Delta R.T. 0.06 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

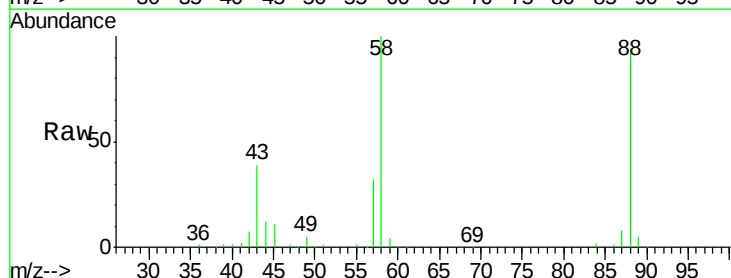
Tgt Ion: 88 Resp: 164301

Ion Ratio Lower Upper

88 100

58 106.5 70.3 105.5#

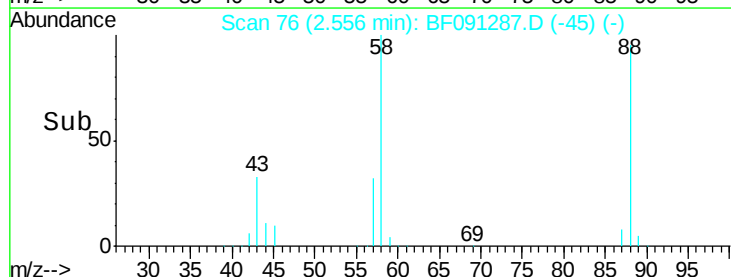
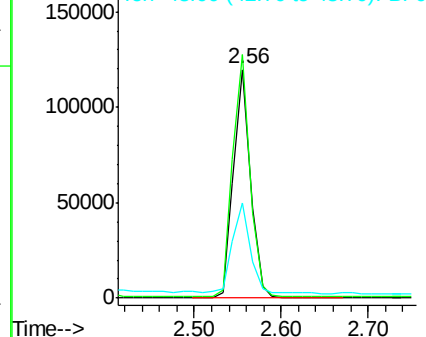
43 41.3 31.3 46.9

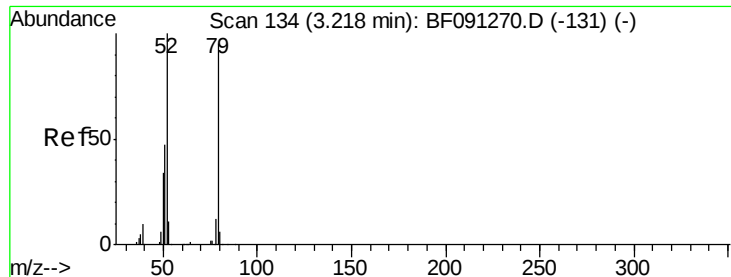


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.37 ng

RT: 3.29 min Scan# 140

Delta R.T. 0.07 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

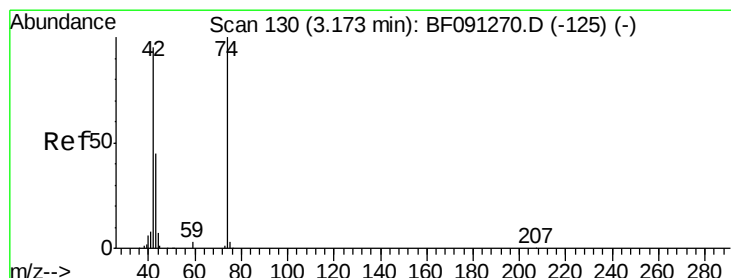
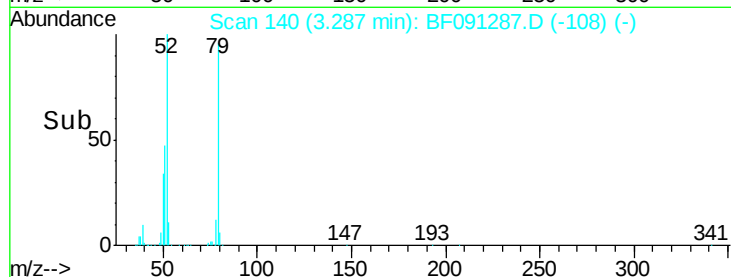
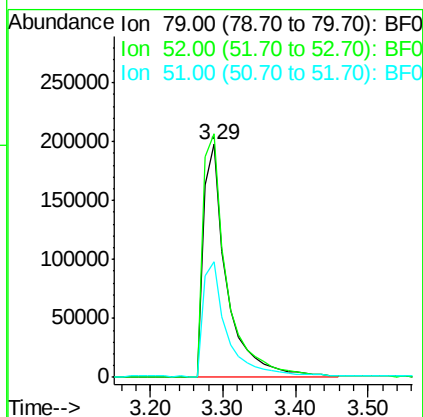
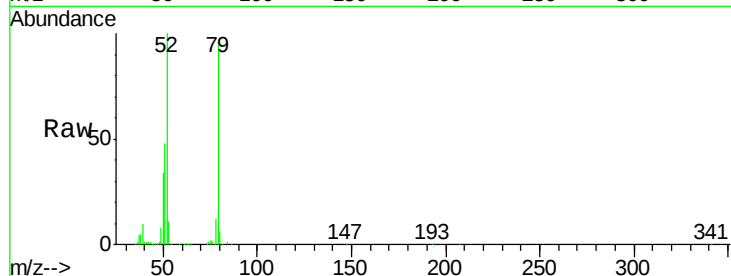
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:	79	Resp:	444666
Ion	Ratio	Lower	Upper
79	100		
52	104.5	71.0	106.4
51	49.7	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 34.36 ng

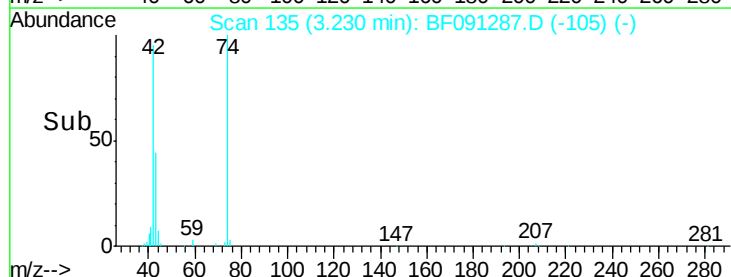
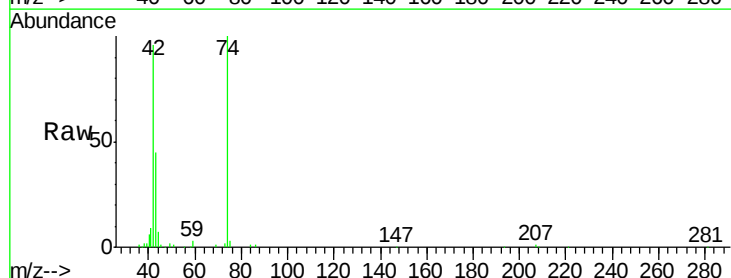
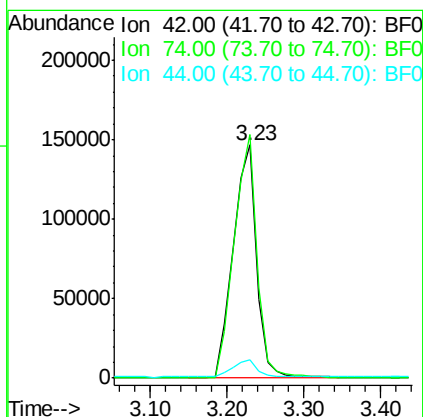
RT: 3.23 min Scan# 135

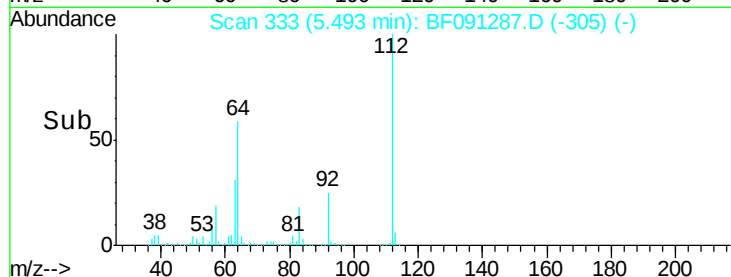
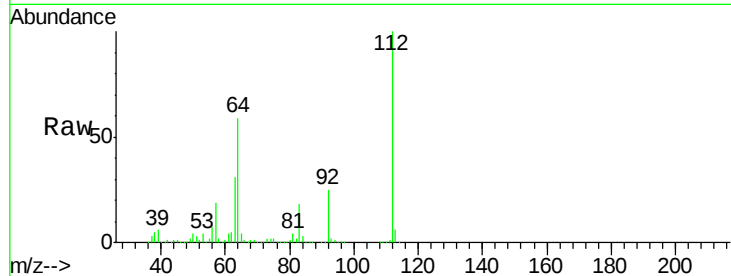
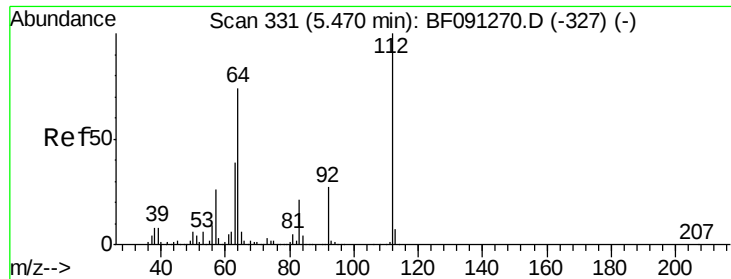
Delta R.T. 0.05 min

Lab File: BF091287.D

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Tgt Ion:	42	Resp:	317295
Ion	Ratio	Lower	Upper
42	100		
74	104.5	78.9	118.3
44	7.8	5.8	8.6





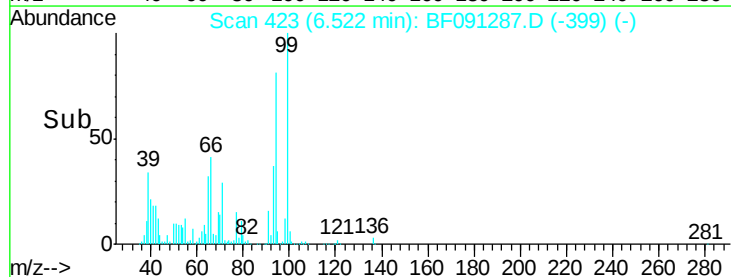
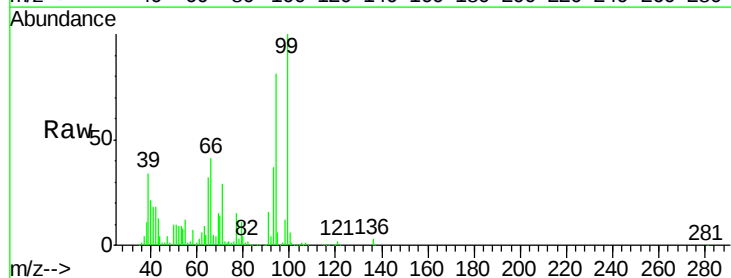
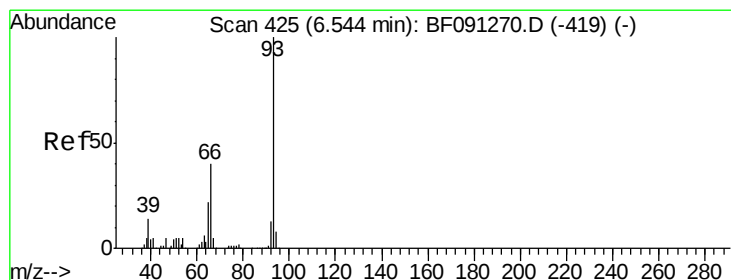
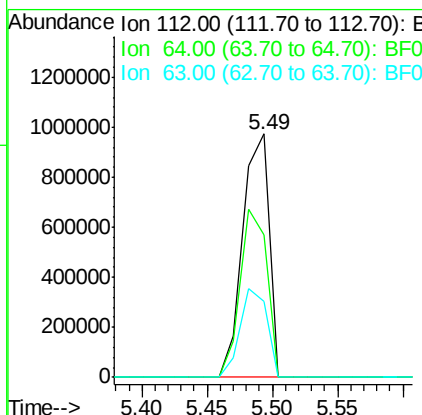
#5
2-Fluorophenol
Concen: 102.64 ng
RT: 5.49 min Scan# 333
Delta R.T. 0.02 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	61.5	92.3#
63	31.1	33.3	49.9#

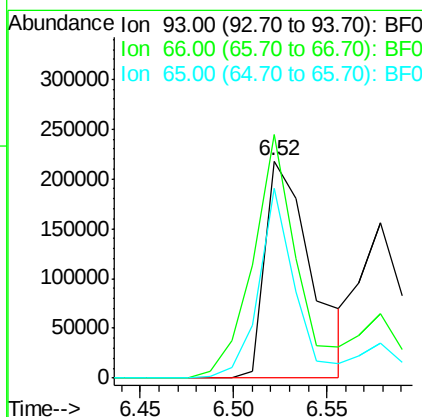
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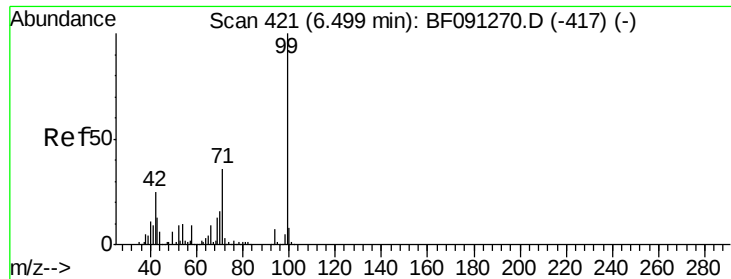
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#6
Aniline
Concen: 17.35 ng
RT: 6.52 min Scan# 423
Delta R.T. -0.02 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
93	100		
66	112.2	55.8	83.6#
65	87.8	29.9	44.9#





#7

Phenol-d6

Concen: 97.00 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion: 99 Resp: 1657879

Ion Ratio Lower Upper

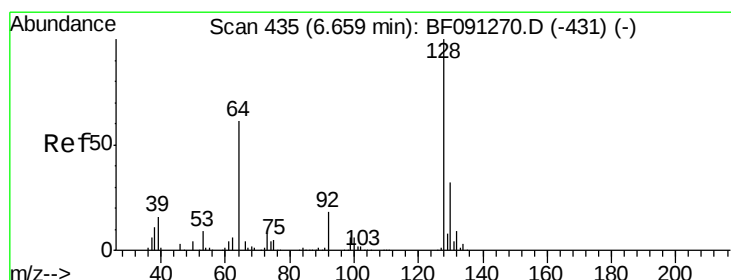
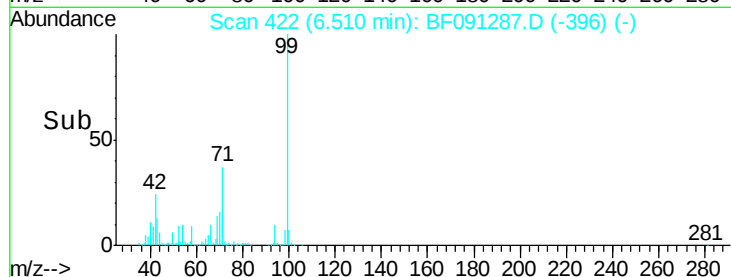
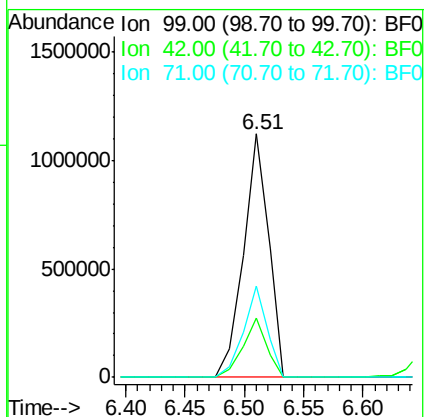
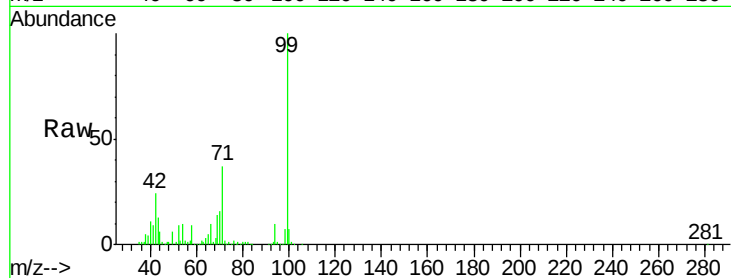
99 100

42 24.3 20.6 31.0

71 37.5 29.9 44.9

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#8

2-Chlorophenol

Concen: 35.06 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

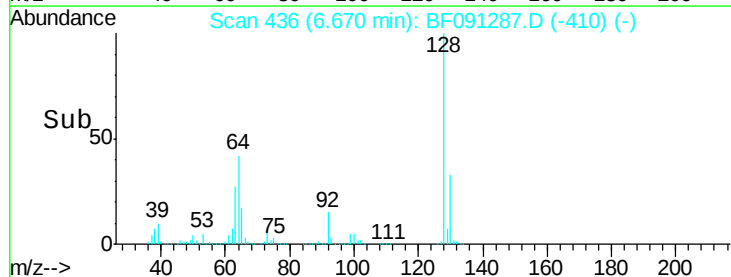
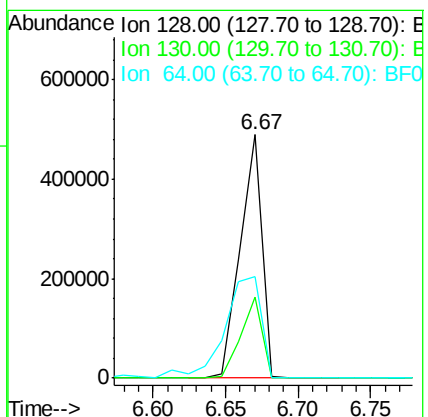
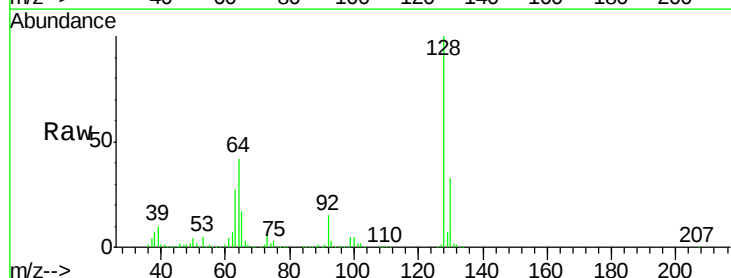
Tgt Ion: 128 Resp: 508029

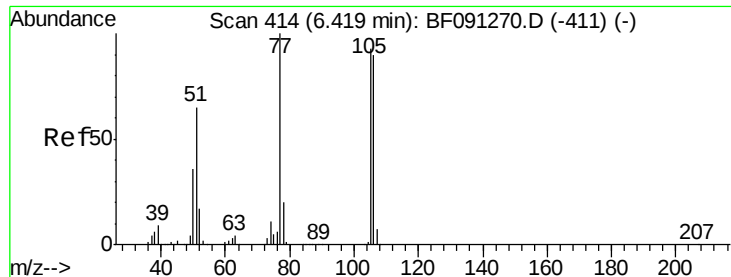
Ion Ratio Lower Upper

128 100

130 33.2 13.1 53.1

64 41.8 24.1 64.1





#9

Benzaldehyde

Concen: 2.61 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF091287.D

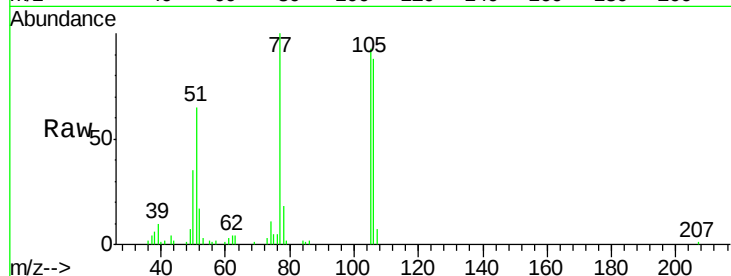
Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

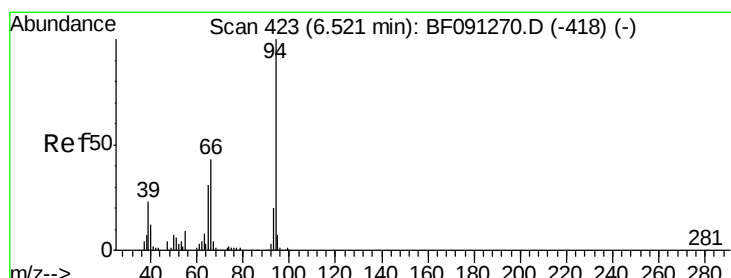
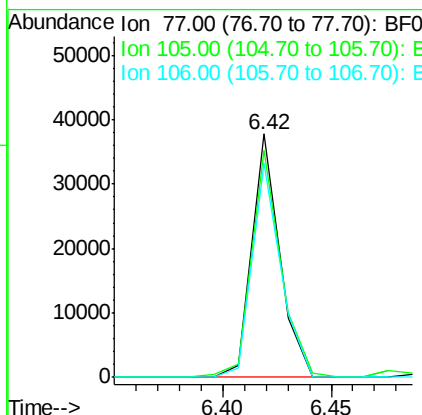
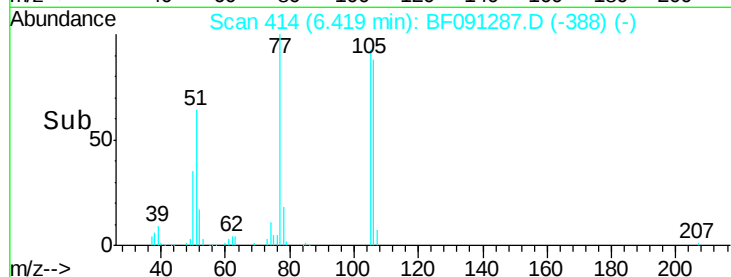
SB-01(0-0.16)MSD



Tgt Ion:	77	Resp:	33494
Ion Ratio	Lower	Upper	
77	100		
105	93.3	66.4	106.4
106	88.2	60.9	100.9

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#10

Phenol

Concen: 32.07 ng

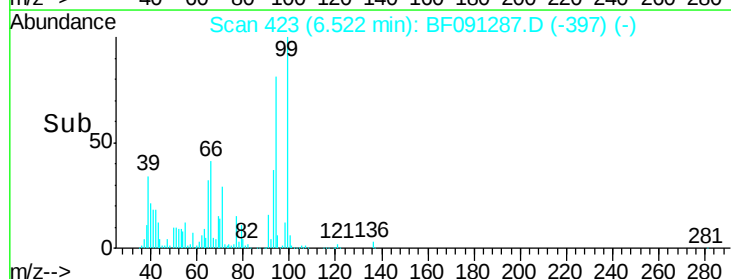
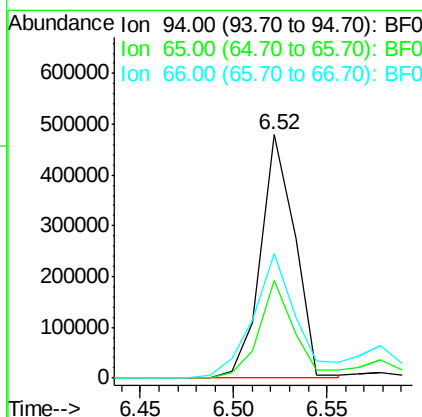
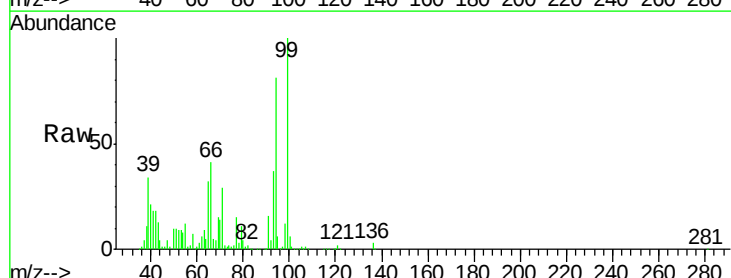
RT: 6.52 min Scan# 423

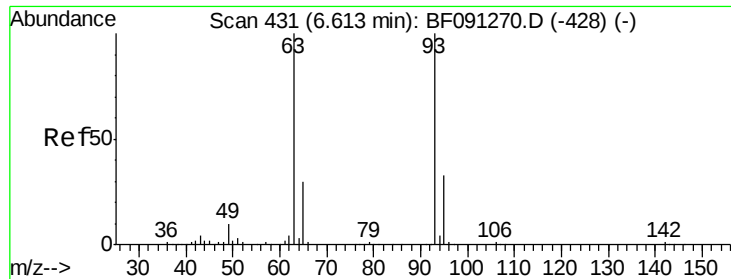
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:	94	Resp:	611608
Ion Ratio	Lower	Upper	
94	100		
65	39.9	16.9	56.9
66	51.0	30.6	70.6





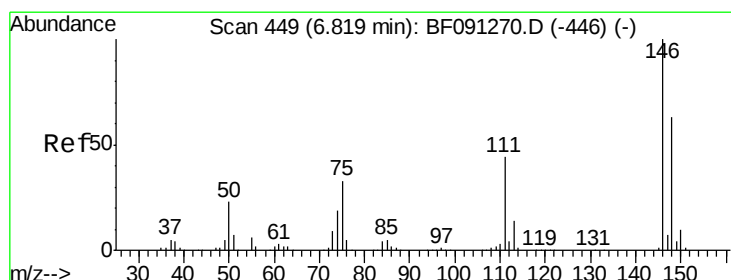
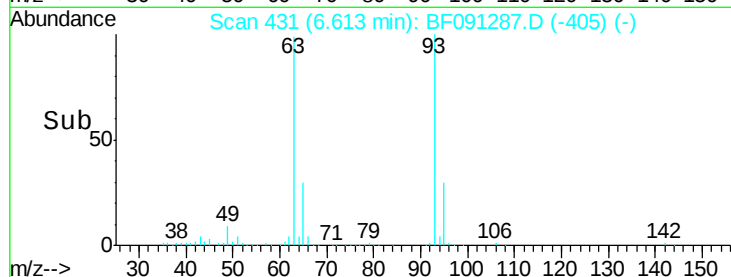
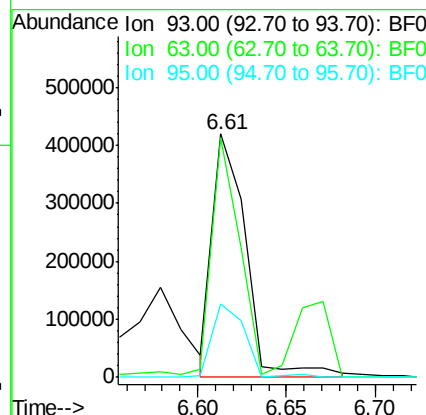
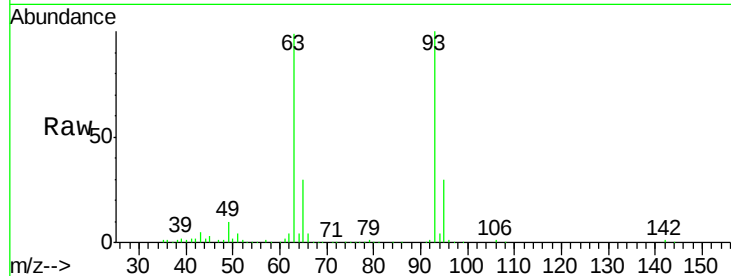
#11
bis(2-Chloroethyl)ether
Concen: 38.98 ng m
RT: 6.61 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	98.6	74.8	114.8
95	30.3	12.4	52.4

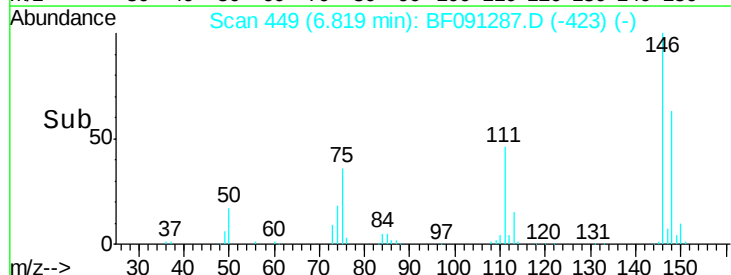
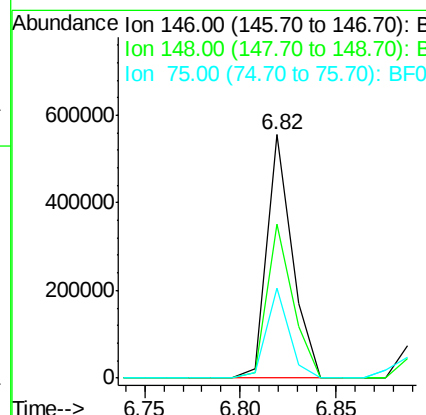
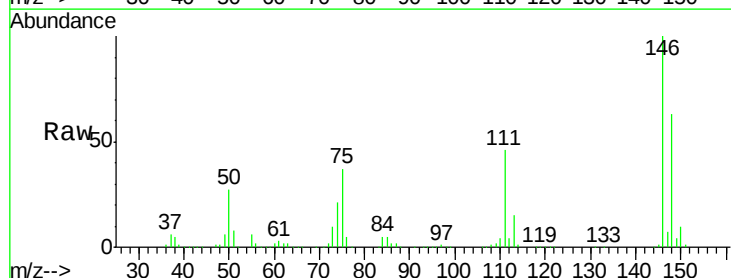
Manual Integrations
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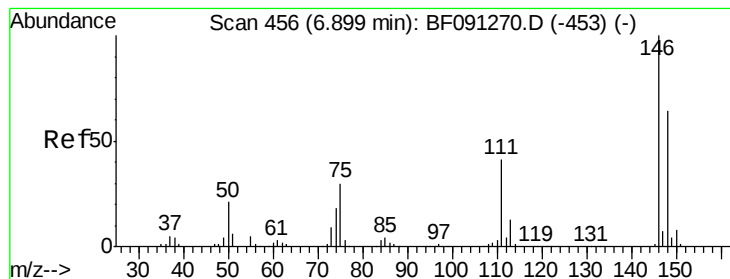
sohil
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#12
1,3-Dichlorobenzene
Concen: 32.44 ng m
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
75	37.1	23.6	35.4#





#13

1,4-Dichlorobenzene

Concen: 33.76 ng

RT: 6.90 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

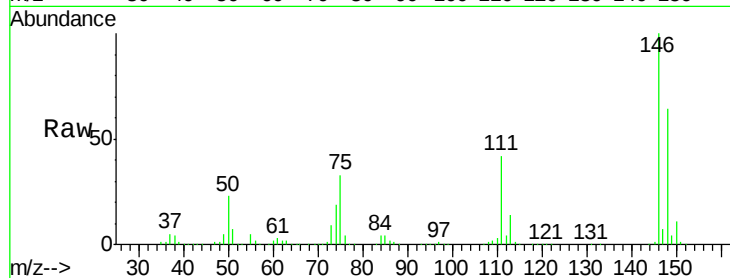
ClientSampleId :

SB-01(0-0.16)MSD

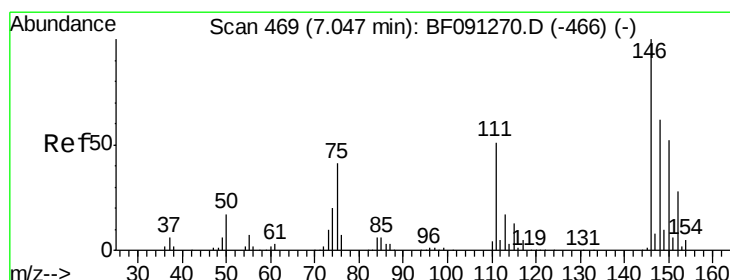
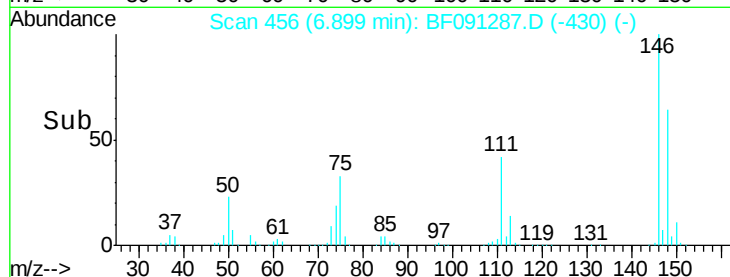
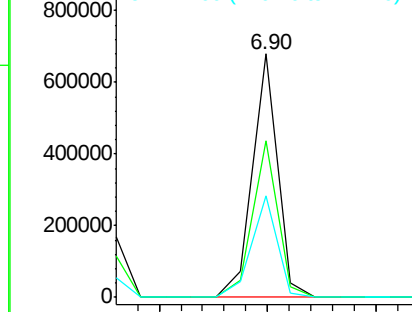
Tgt Ion:	146	Resp:	545896
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
111	41.9	32.2	48.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.99 ng m

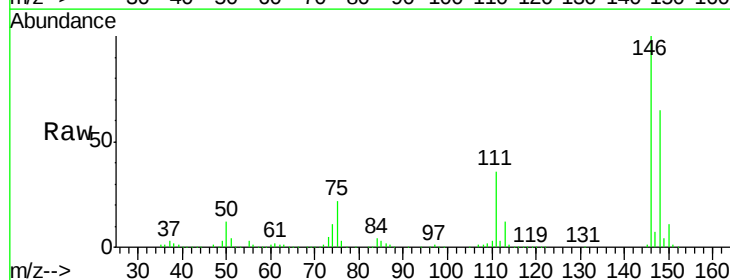
RT: 7.06 min Scan# 470

Delta R.T. -0.00 min

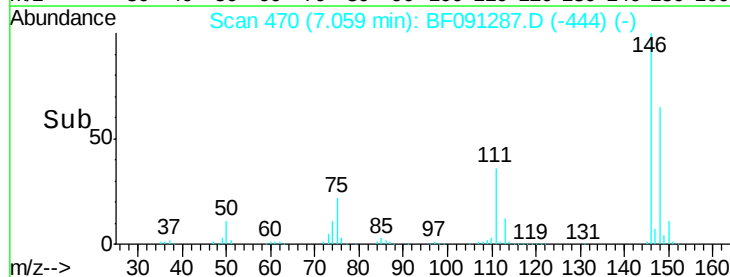
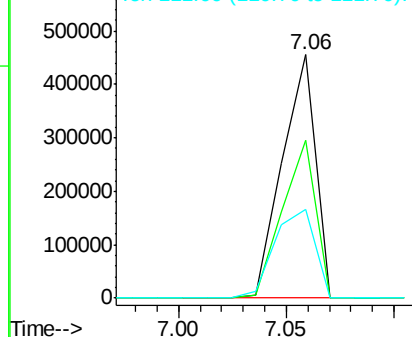
Lab File: BF091287.D

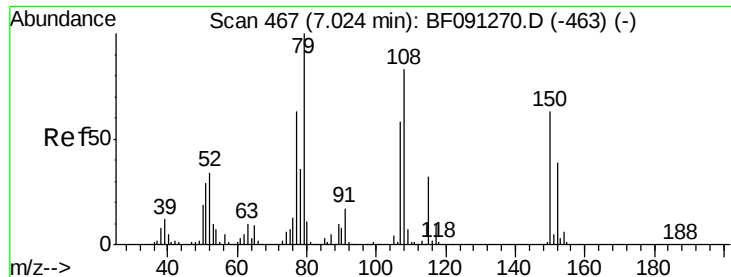
Acq: 23 Nov 2016 20:58

Tgt Ion:	146	Resp:	490902
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.0	76.6
111	36.5	38.9	58.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.44 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion: 79 Resp: 496869

Ion Ratio Lower Upper

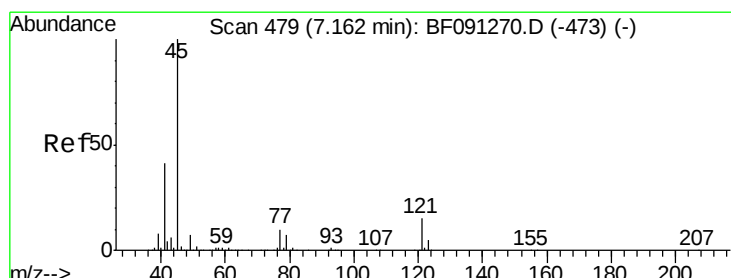
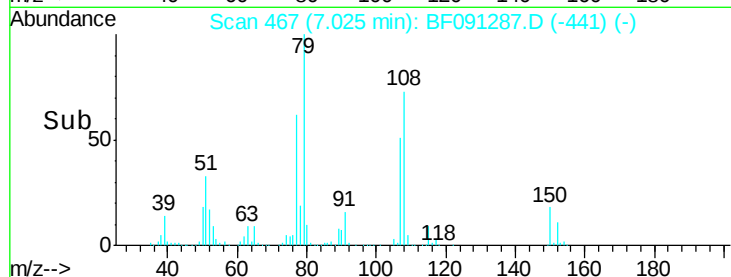
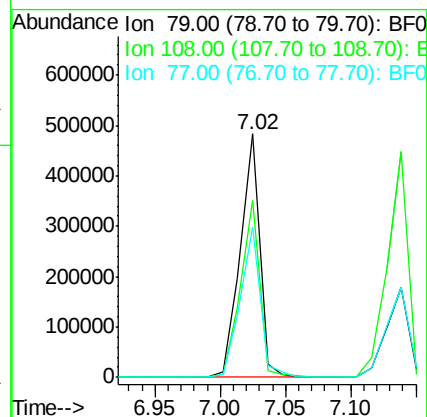
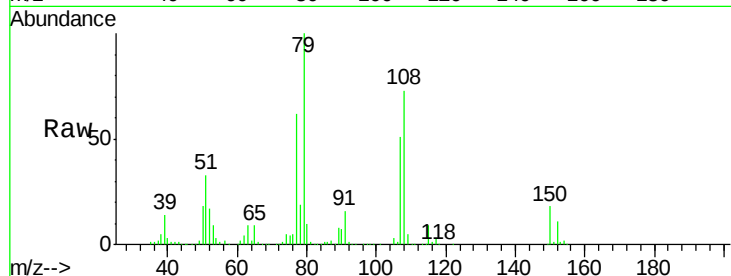
79 100

108 72.9 62.7 94.1

77 61.6 51.7 77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.68 ng

RT: 7.16 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

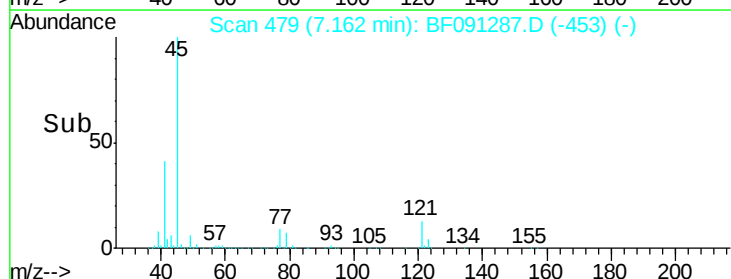
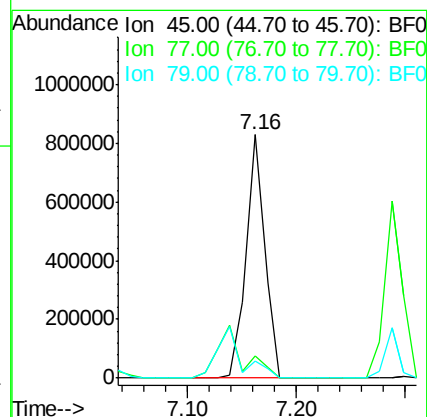
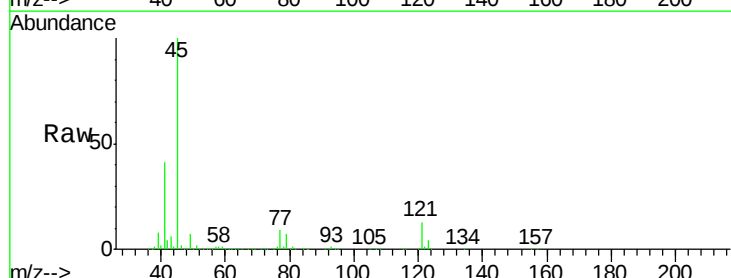
Tgt Ion: 45 Resp: 973781

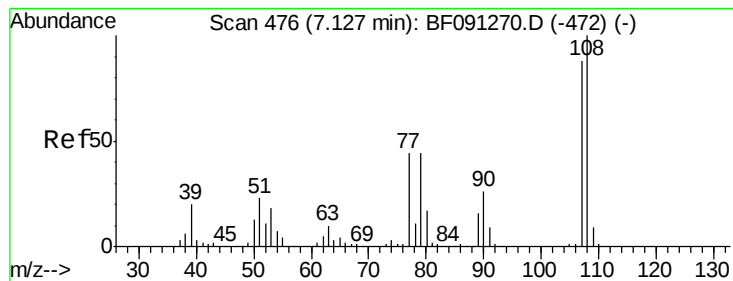
Ion Ratio Lower Upper

45 100

77 9.2 3.8 43.8

79 7.0 0.2 40.2





#17

2-Methylphenol

Concen: 37.52 ng

RT: 7.14 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:107 Resp: 430148
Ion Ratio Lower Upper

107 100

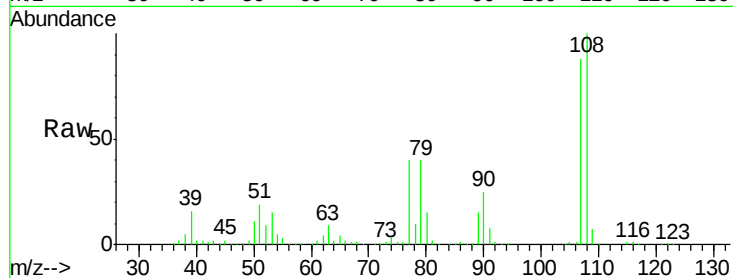
108 113.8 67.7 101.5#

77 45.4 40.7 61.1

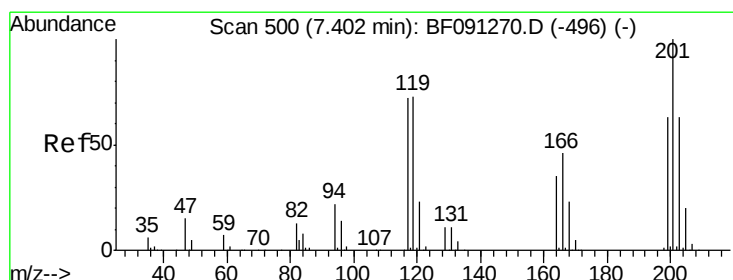
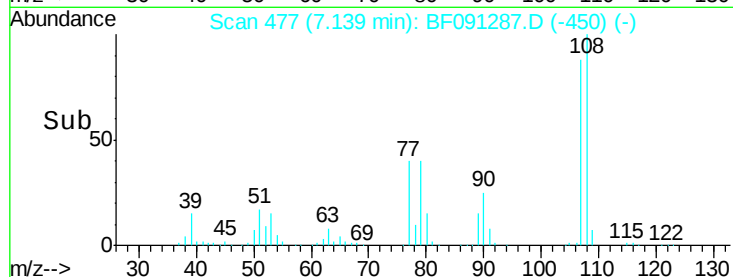
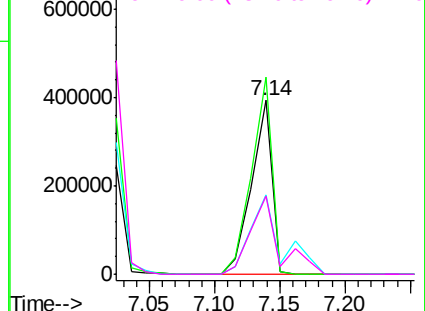
79 45.3 23.4 35.2#

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 32.56 ng

RT: 7.40 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF091287.D

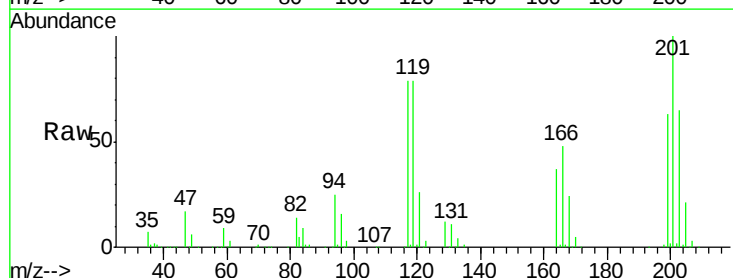
Acq: 23 Nov 2016 20:58

Tgt Ion:117 Resp: 187468
Ion Ratio Lower Upper

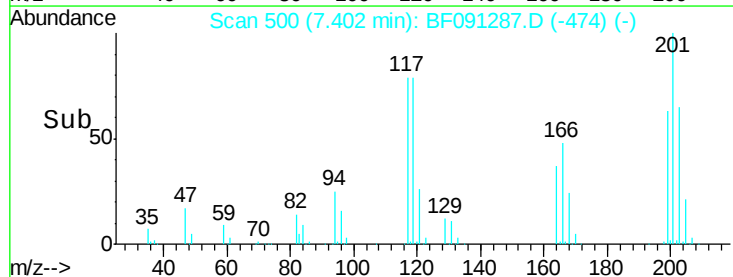
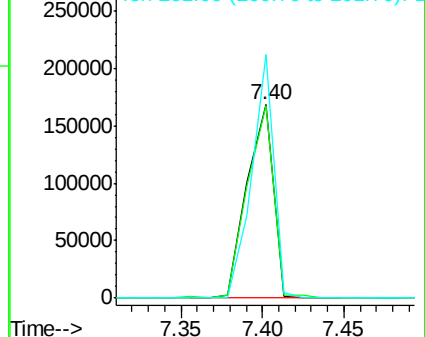
117 100

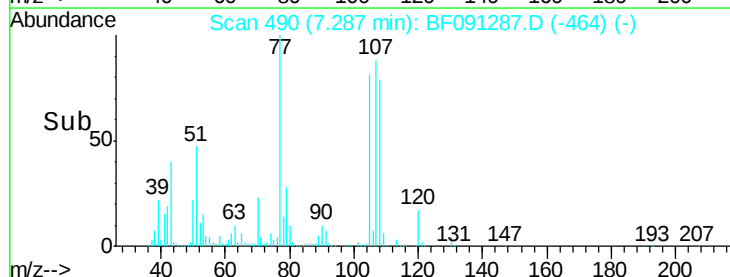
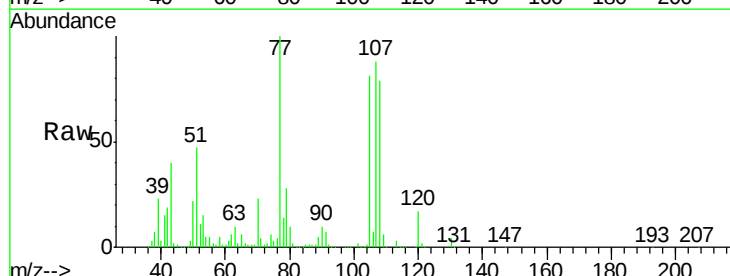
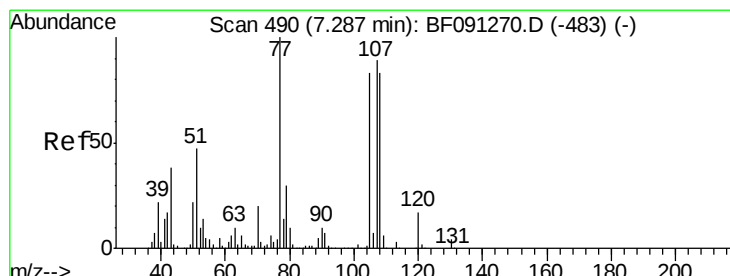
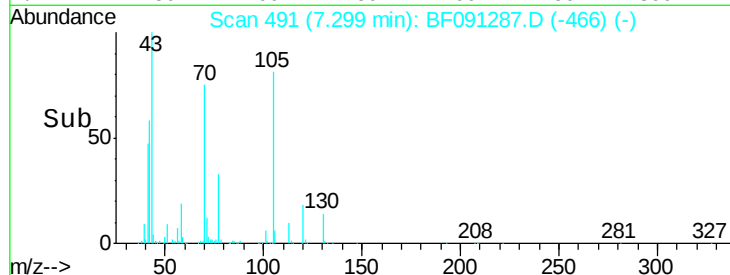
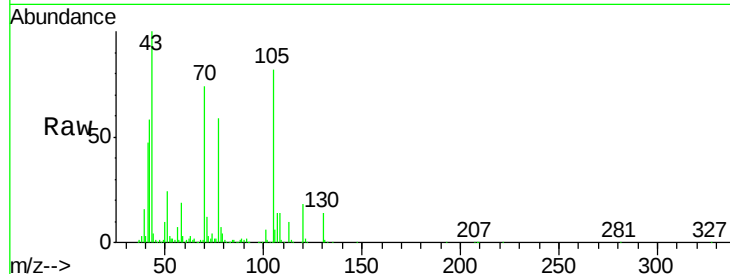
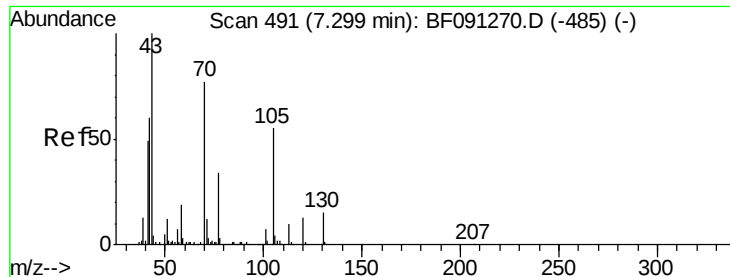
119 99.5 78.6 118.0

201 126.0 86.7 130.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





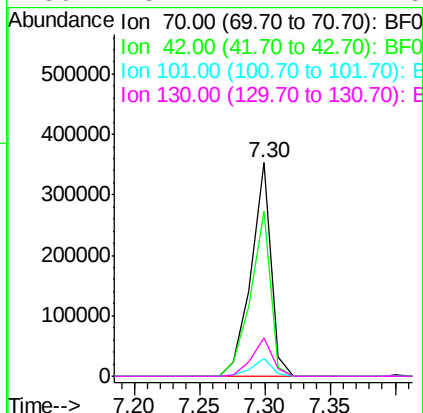
#19
n-Nitroso-di-n-propylamine
Concen: 35.21 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	77.5	64.8	97.2
101	8.3	6.2	9.4
130	18.2	11.7	17.5#

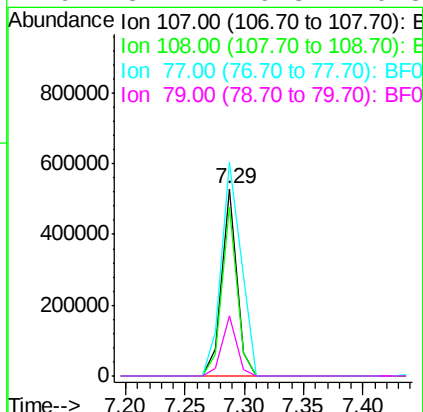
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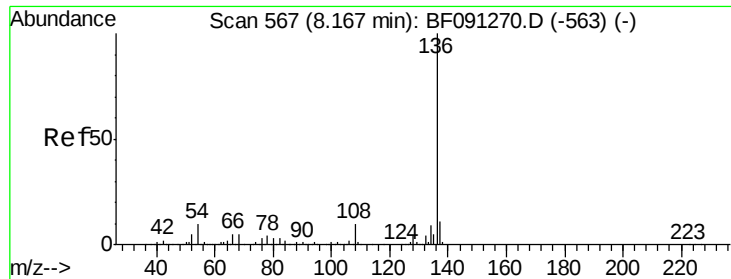
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#20
3+4-Methylphenols
Concen: 32.97 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	64.6	104.6
77	114.0	30.9	70.9#
79	32.4	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

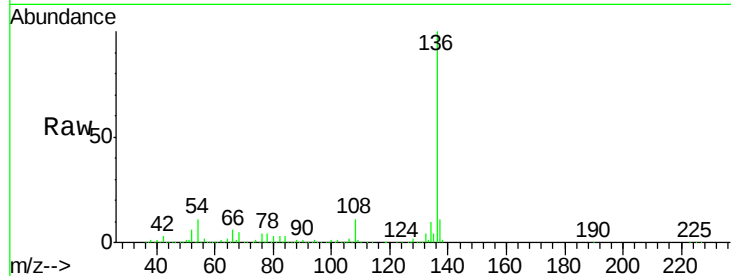
ClientSampleId :

SB-01(0-0.16)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		865716		
137	11.3	9.1	13.7		
54	11.2	9.1	13.7		
68	5.4	5.9	8.9#		

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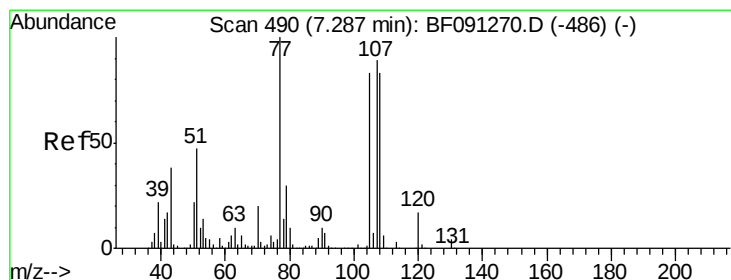
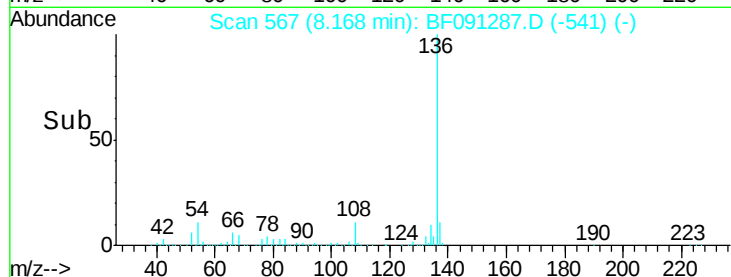
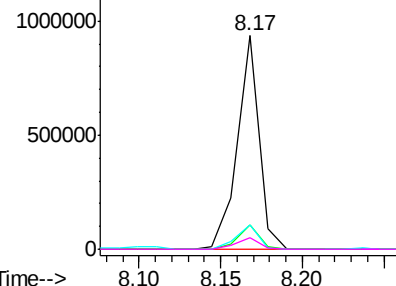


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 34.78 ng

RT: 7.29 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

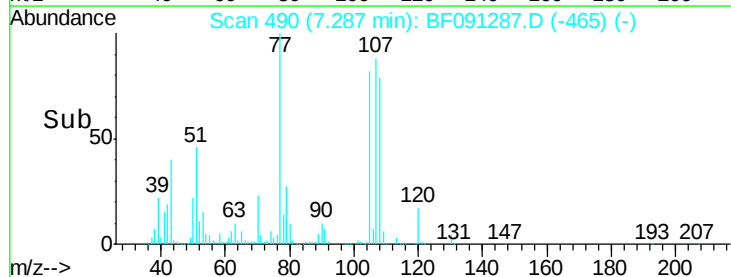
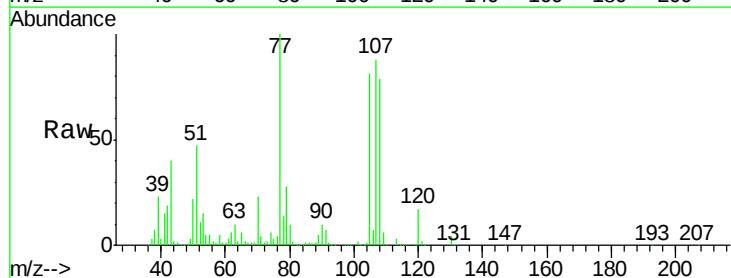
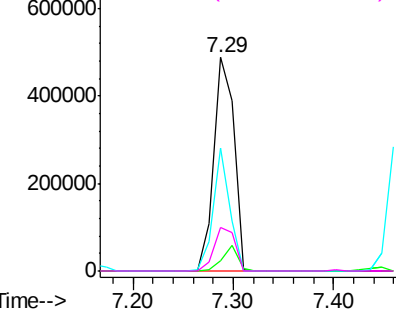
Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		679412		
71	4.6	7.9	11.9#		
51	57.8	24.5	36.7#		
120	20.7	16.6	24.8		

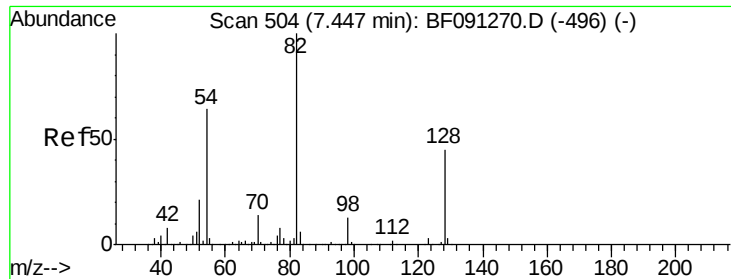
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





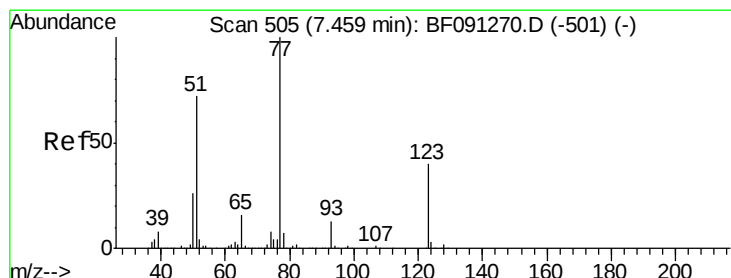
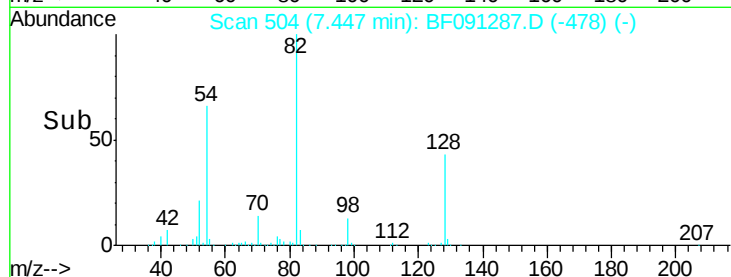
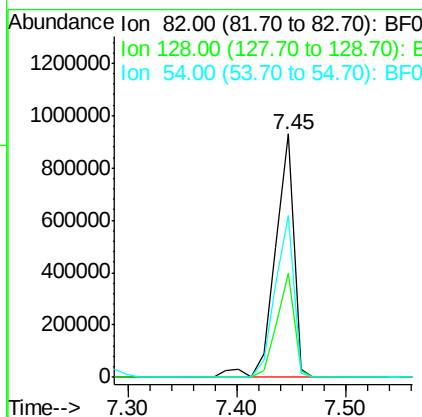
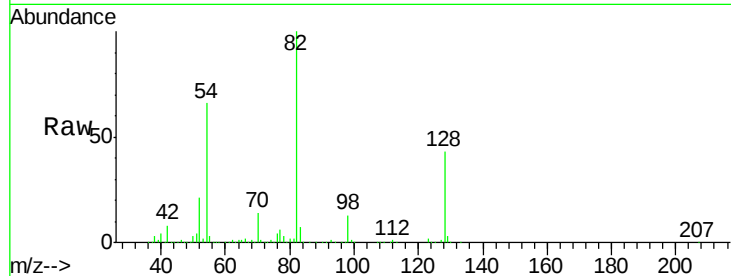
#23
Nitrobenzene-d5
Concen: 72.96 ng
RT: 7.45 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion: 82 Resp: 1097075
Ion Ratio Lower Upper
82 100
128 42.7 31.8 47.6
54 66.3 49.1 73.7

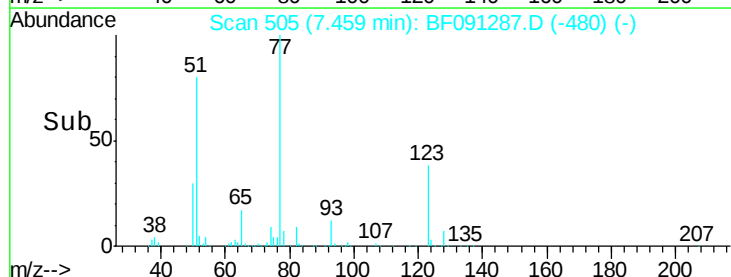
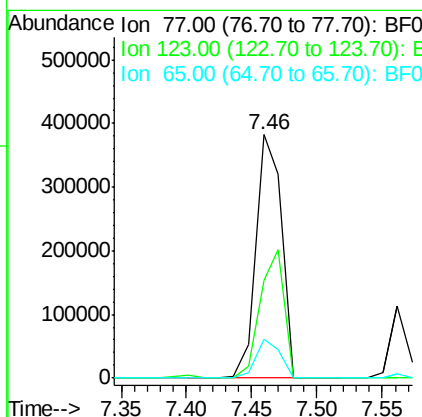
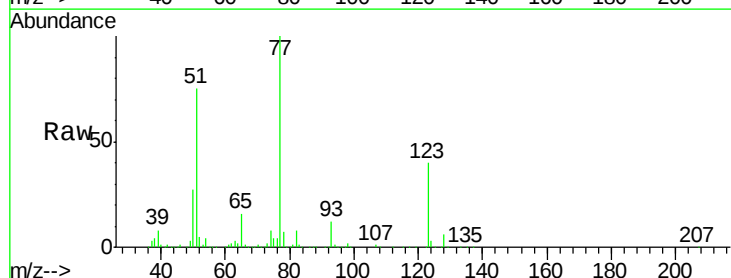
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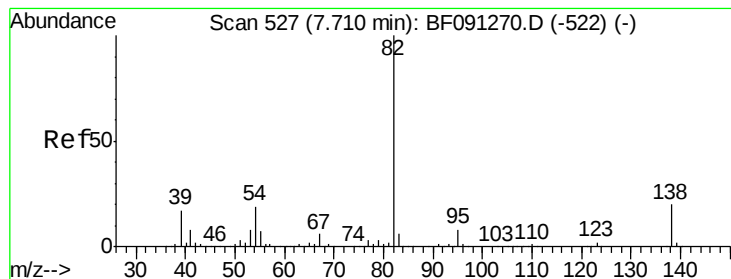
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#24
Nitrobenzene
Concen: 32.91 ng
RT: 7.46 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion: 77 Resp: 523602
Ion Ratio Lower Upper
77 100
123 39.9 28.5 42.7
65 15.8 12.5 18.7





#25

Isophorone

Concen: 35.50 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion: 82 Resp: 997251

Ion Ratio Lower Upper

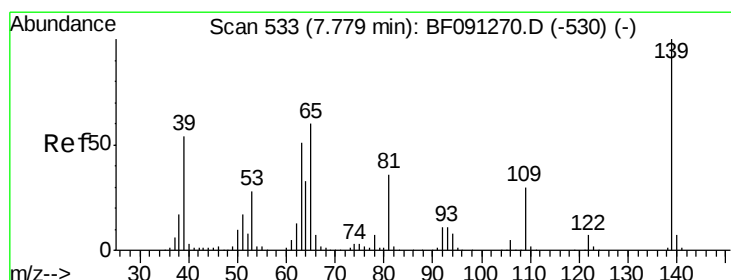
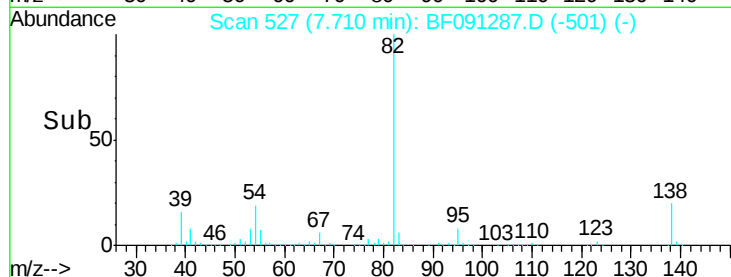
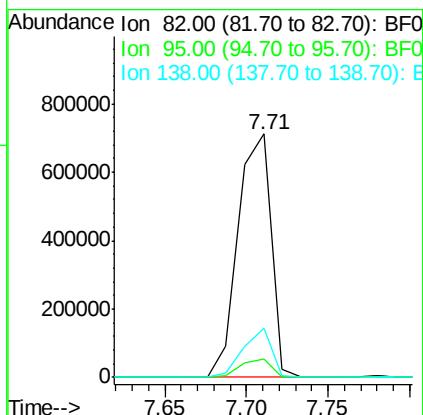
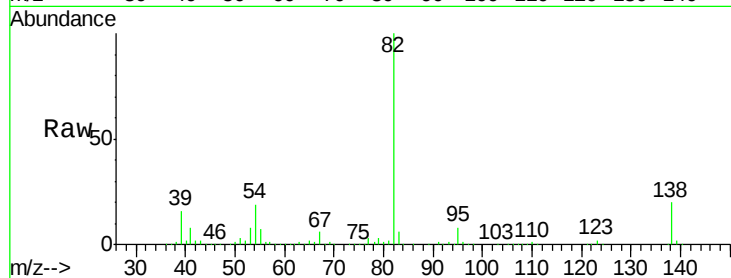
82 100

95 7.8 5.7 8.5

138 20.0 13.4 20.0

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#26

2-Nitrophenol

Concen: 36.34 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

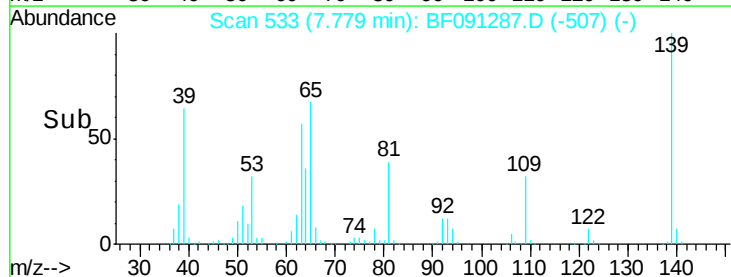
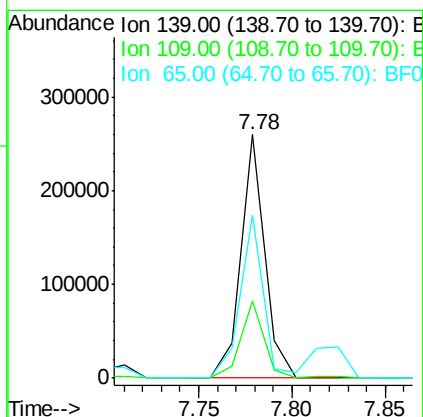
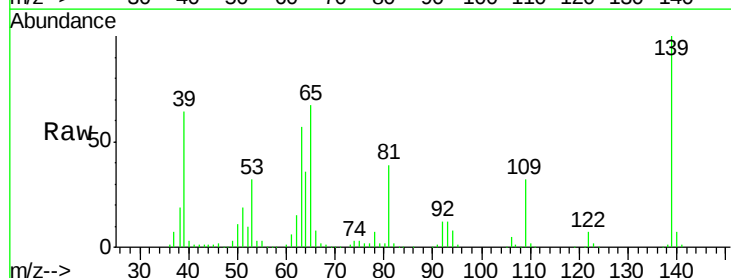
Tgt Ion: 139 Resp: 231899

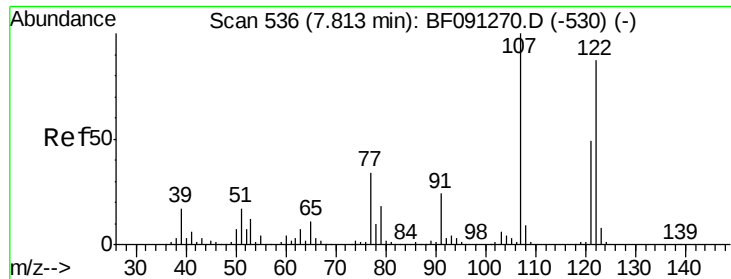
Ion Ratio Lower Upper

139 100

109 31.8 25.3 37.9

65 67.1 55.4 83.2





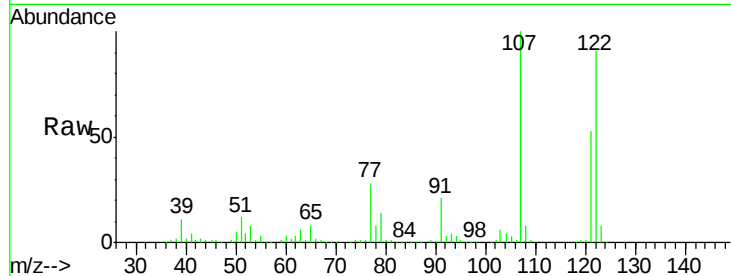
#27
2,4-Dimethylphenol
Concen: 35.70 ng
RT: 7.82 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

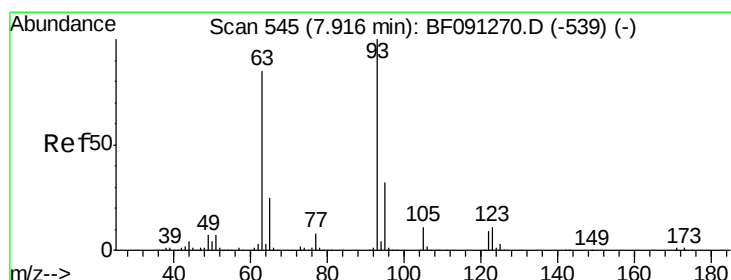
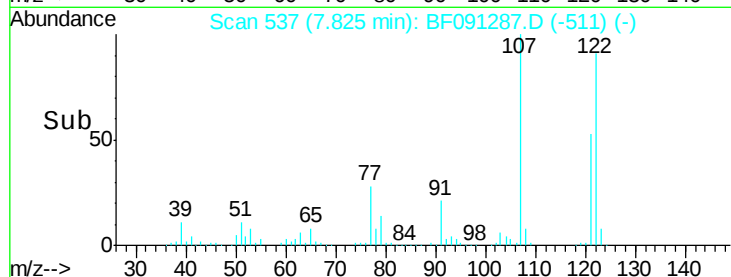
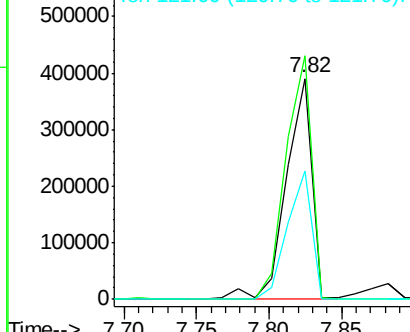
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	478198		
107	110.2	96.8	145.2	
121	58.1	47.7	71.5	

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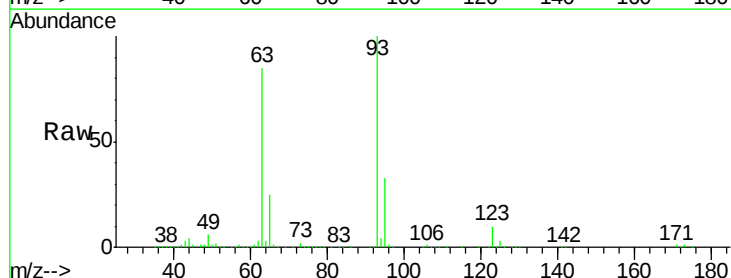


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

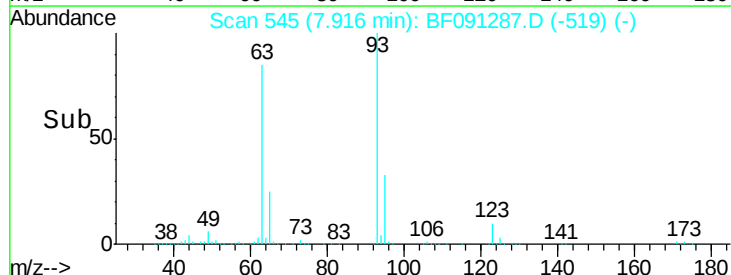
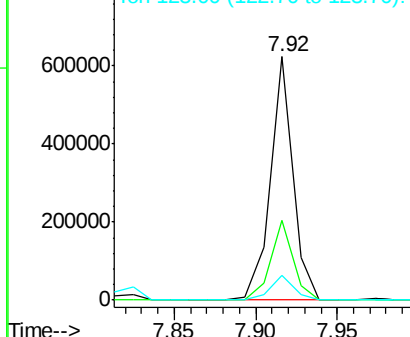


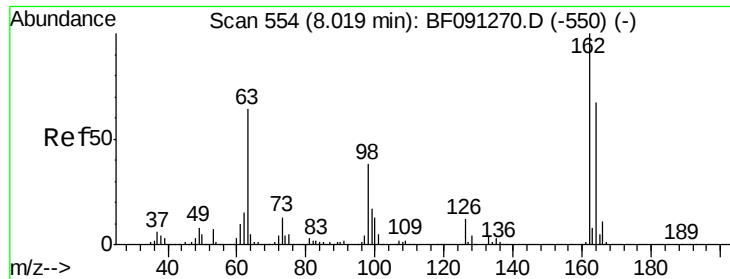
#28
bis(2-Chloroethoxy)methane
Concen: 35.96 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	601499		
95	32.7	26.0	39.0	
123	10.0	8.6	12.8	



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





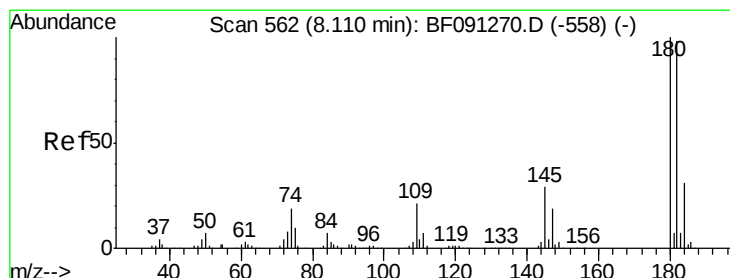
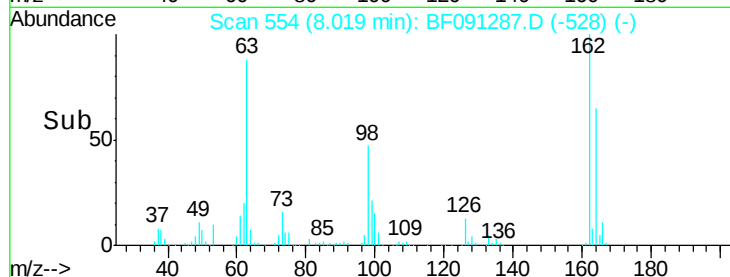
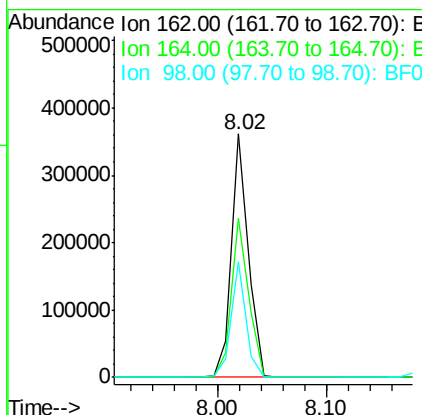
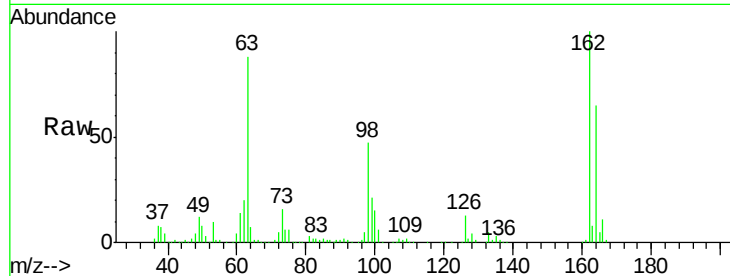
#29
2,4-Dichlorophenol
Concen: 32.35 ng
RT: 8.02 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	382887		
164	65.2	45.0	85.0	
98	47.3	21.3	61.3	

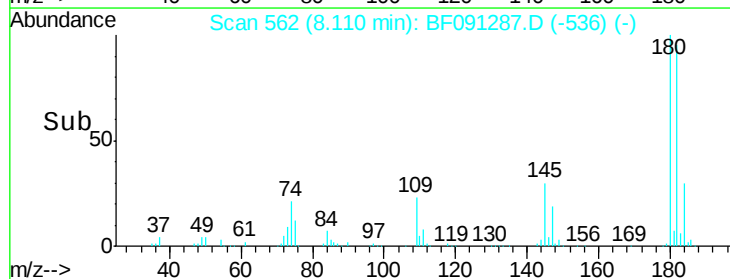
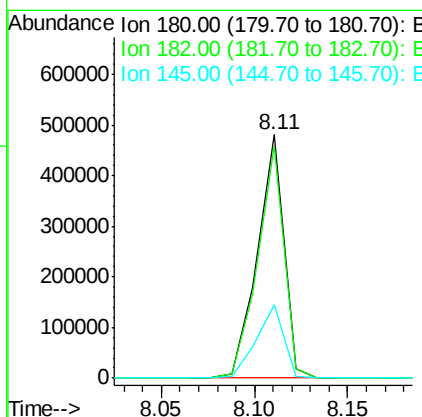
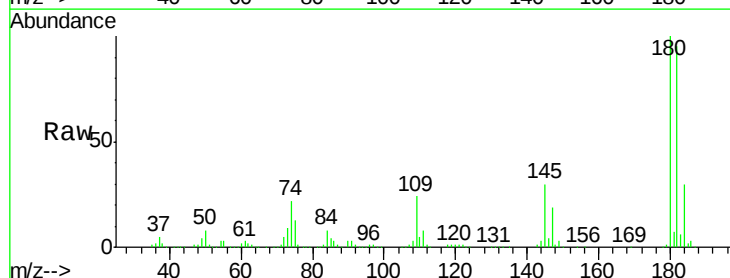
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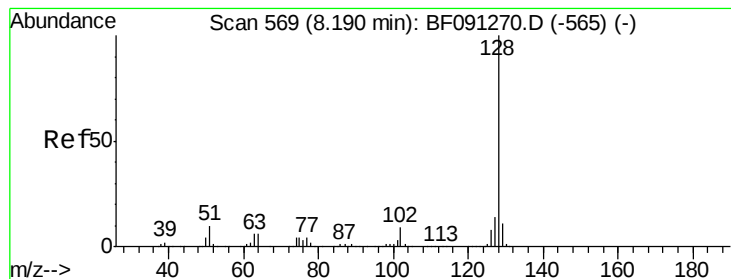
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#30
1,2,4-Trichlorobenzene
Concen: 34.46 ng
RT: 8.11 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	469831		
182	95.2	75.8	113.8	
145	30.2	27.0	40.4	





#31

Naphthalene

Concen: 35.31 ng

RT: 8.19 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:128 Resp: 1470405

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

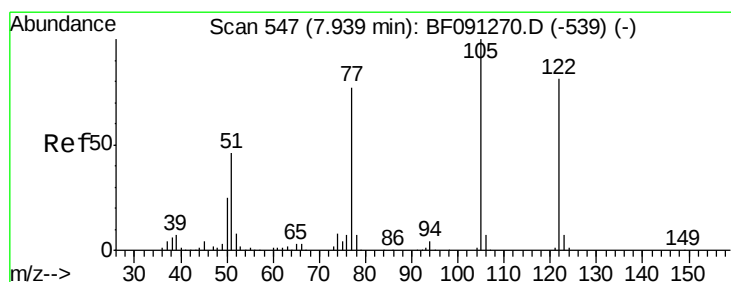
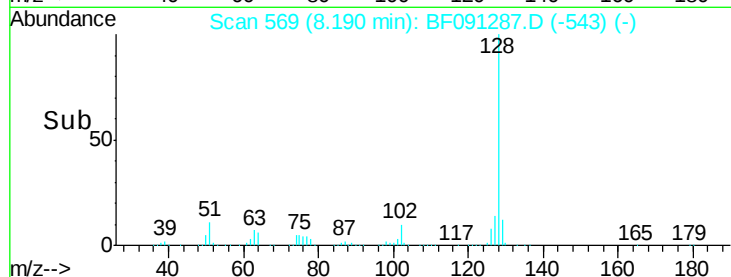
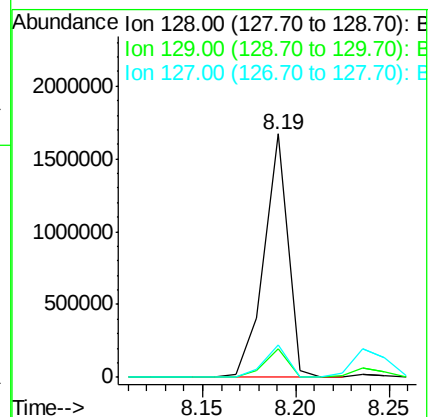
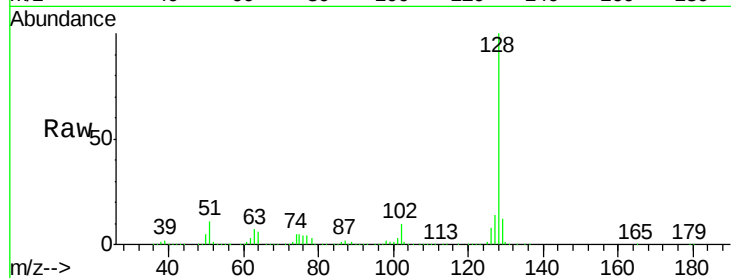
127 13.5 11.0 16.4

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#32

Benzoic acid

Concen: 3.63 ng

RT: 7.88 min Scan# 542

Delta R.T. -0.08 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

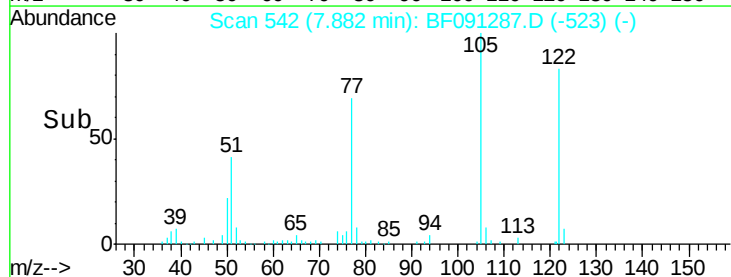
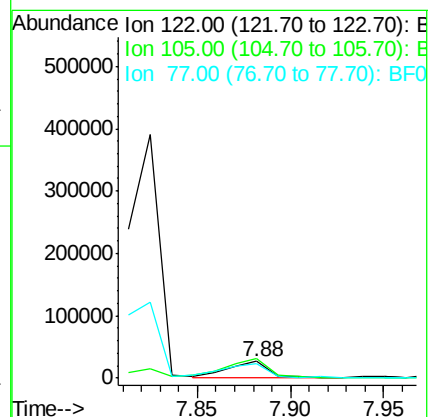
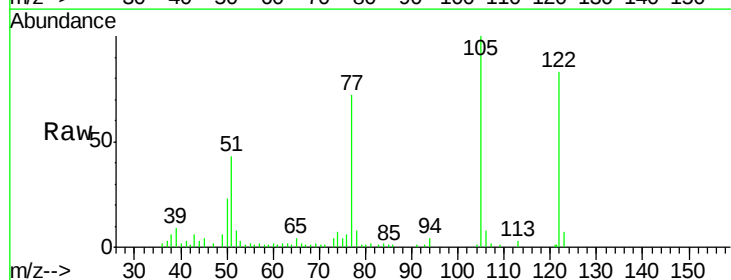
Tgt Ion:122 Resp: 38332

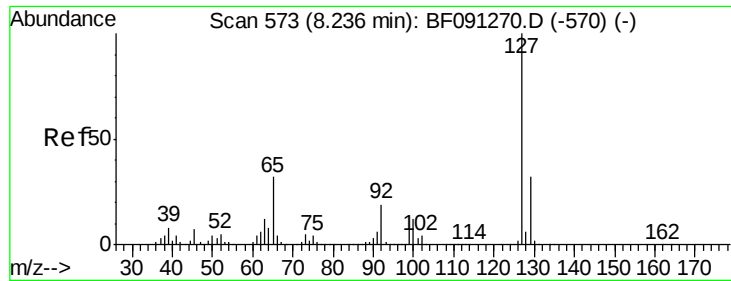
Ion Ratio Lower Upper

122 100

105 121.0 113.0 153.0

77 86.9 82.0 122.0





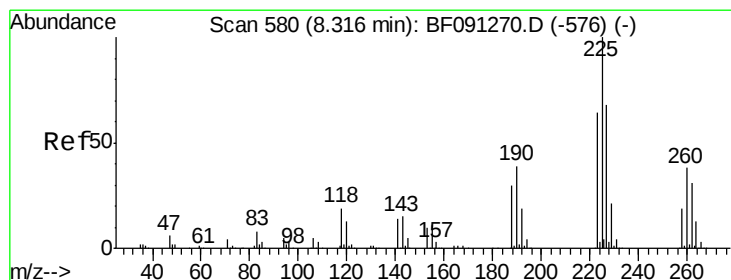
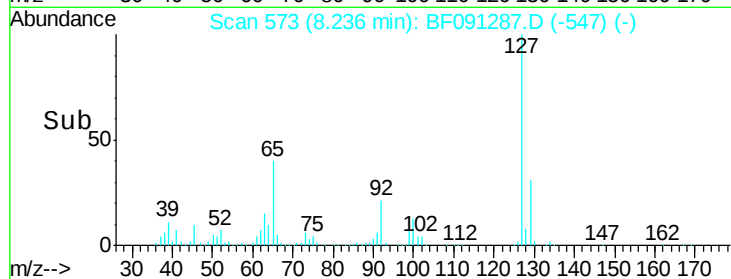
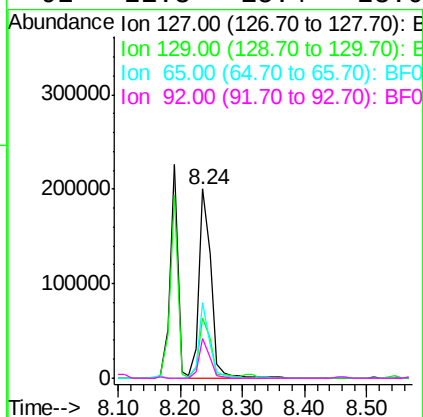
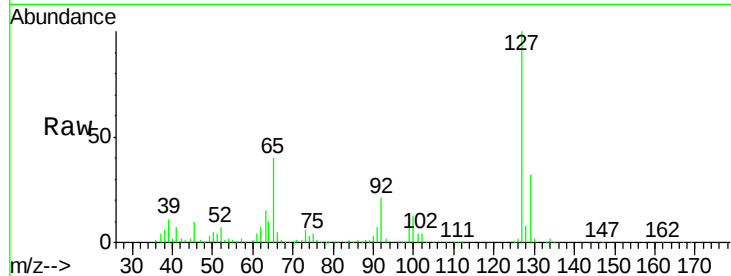
#33
4-Chloroaniline
Concen: 15.03 ng
RT: 8.24 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	272227		
129	31.5	26.2	39.4	
65	39.9	26.6	39.8	
92	21.3	15.4	23.0	

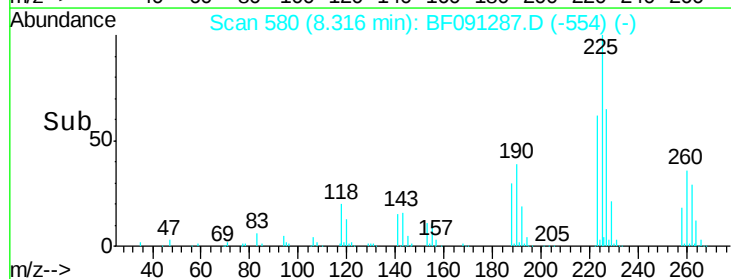
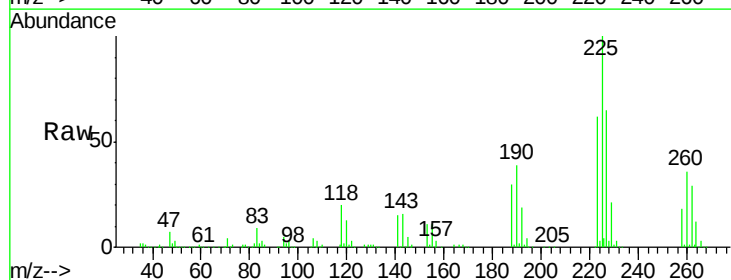
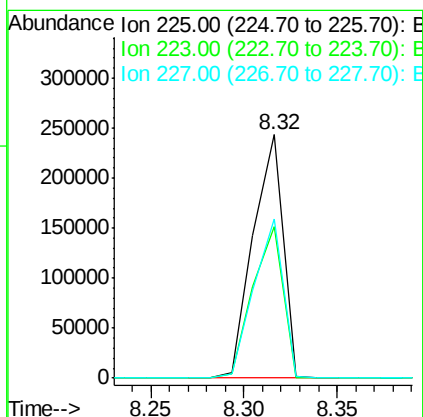
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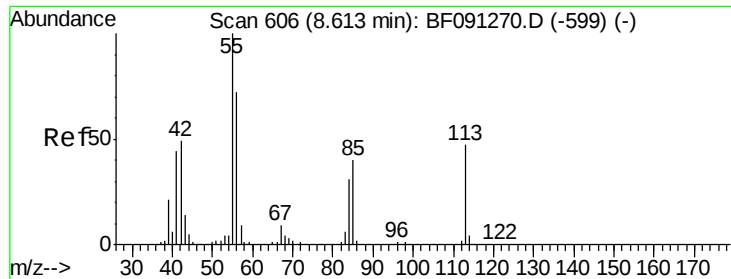
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#34
Hexachlorobutadiene
Concen: 33.51 ng
RT: 8.32 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	270096		
223	62.3	49.8	74.6	
227	65.3	52.6	79.0	





#35

Caprolactam

Concen: 26.71 ng

RT: 8.60 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

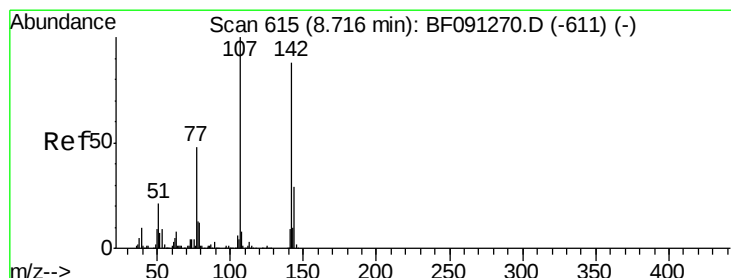
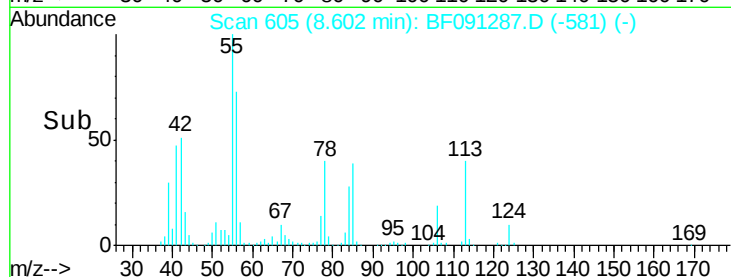
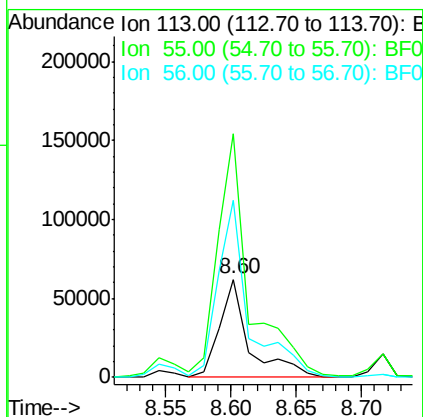
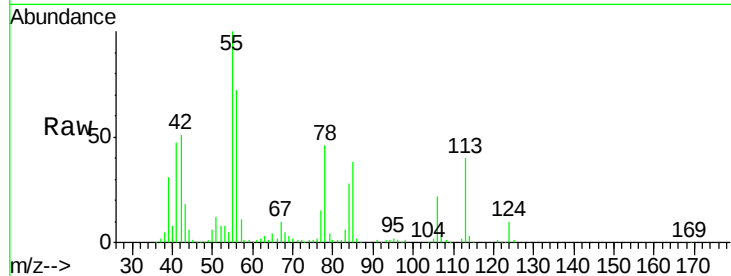
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:113 Resp: 97446
 Ion Ratio Lower Upper
 113 100
 55 248.8 239.8 279.8
 56 180.3 165.6 205.6

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#36

4-Chloro-3-methylphenol

Concen: 34.92 ng

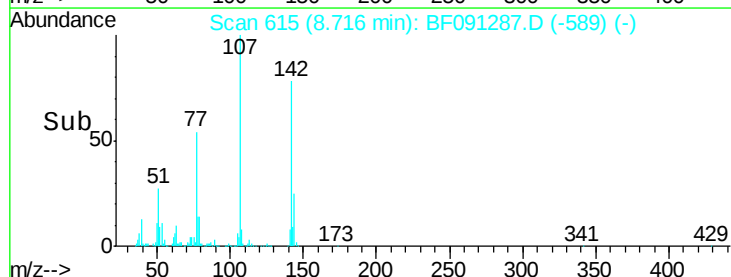
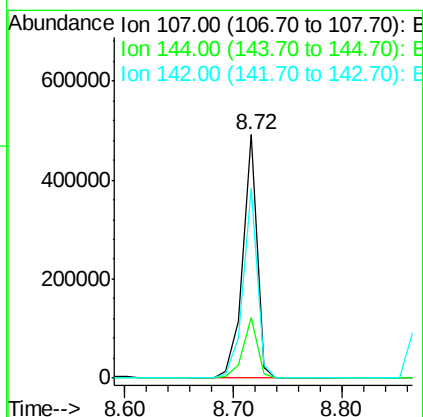
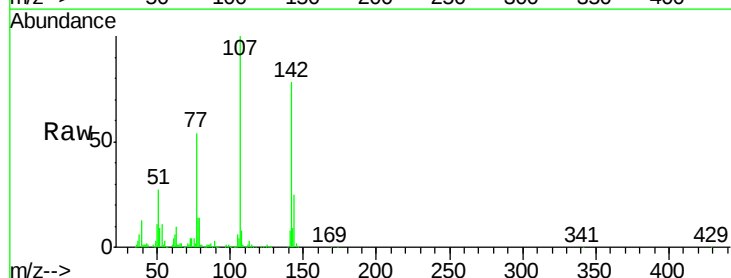
RT: 8.72 min Scan# 615

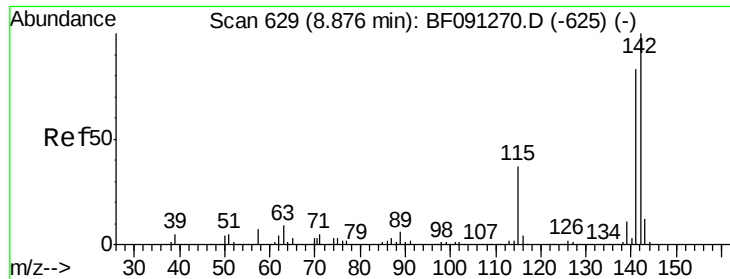
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:107 Resp: 444197
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.9 28.3
 142 78.1 58.5 87.7





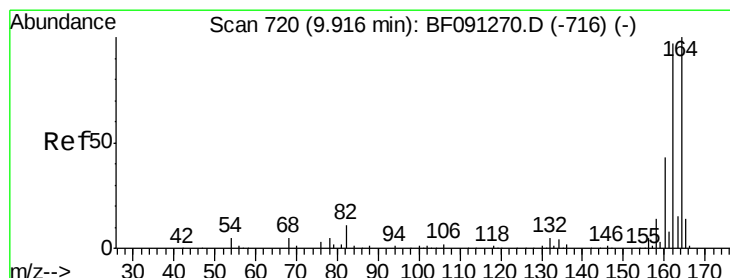
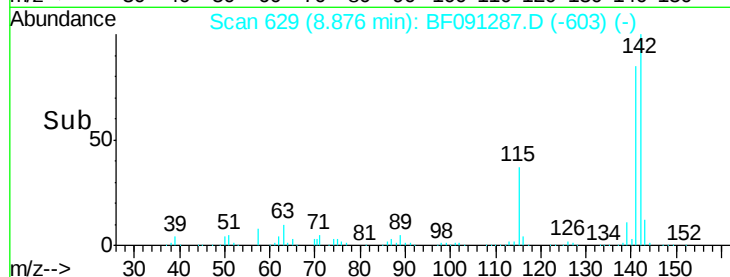
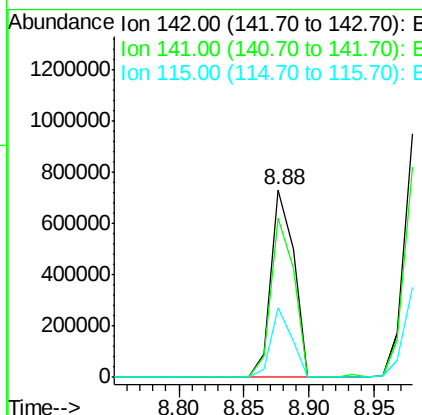
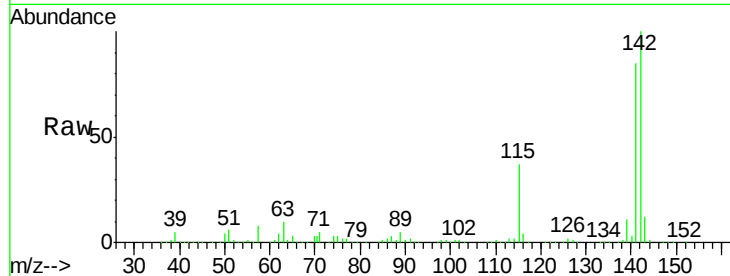
#37
2-Methylnaphthalene
Concen: 31.95 ng
RT: 8.88 min Scan# 629
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.7	107.5
115	36.7	25.0	37.6

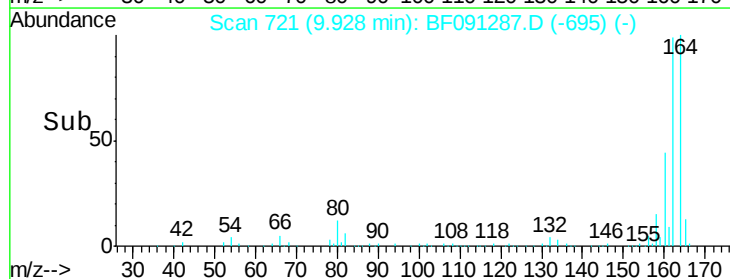
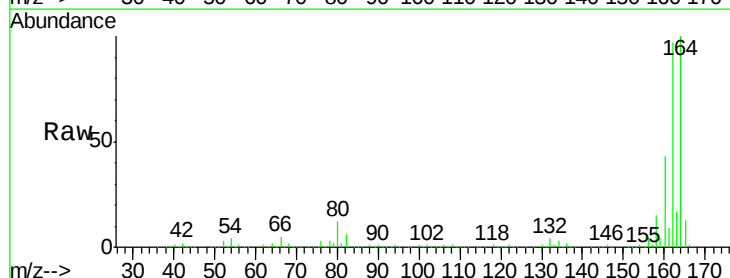
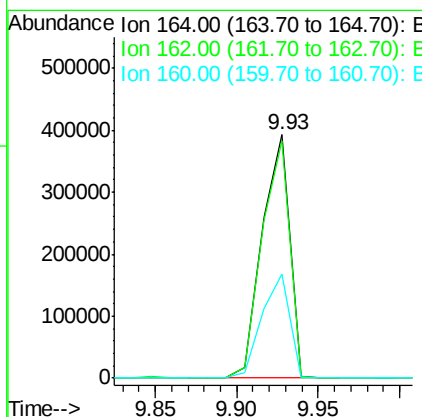
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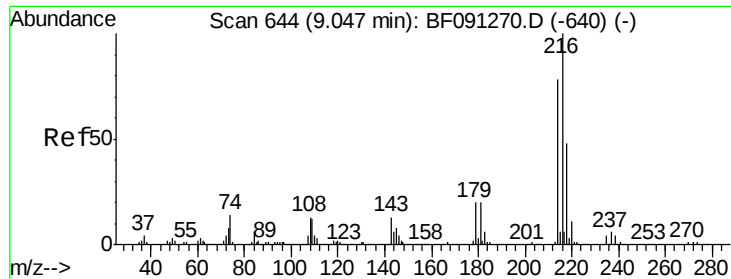
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.6	124.0
160	42.8	36.7	55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.13 ng

RT: 9.05 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

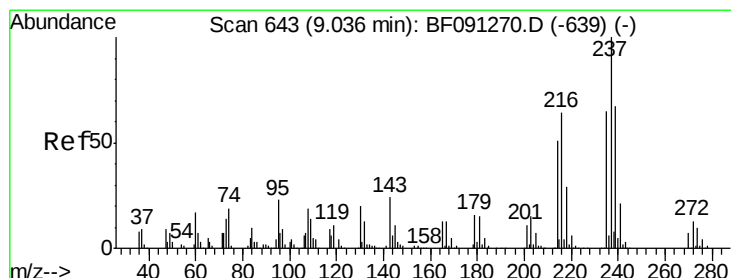
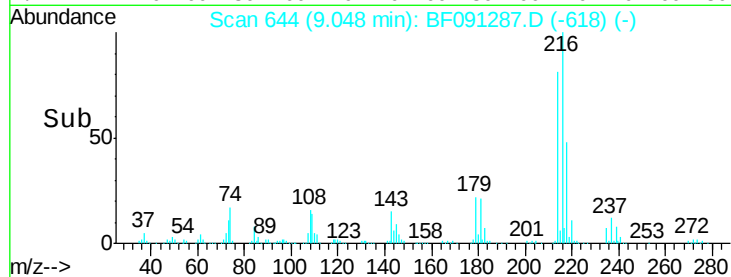
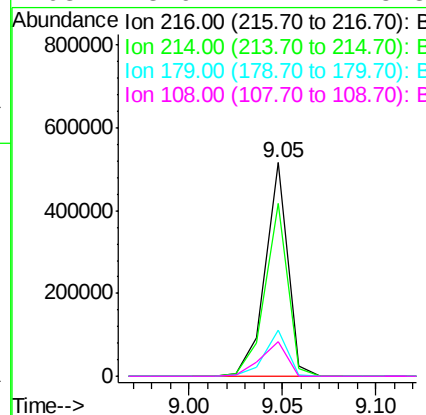
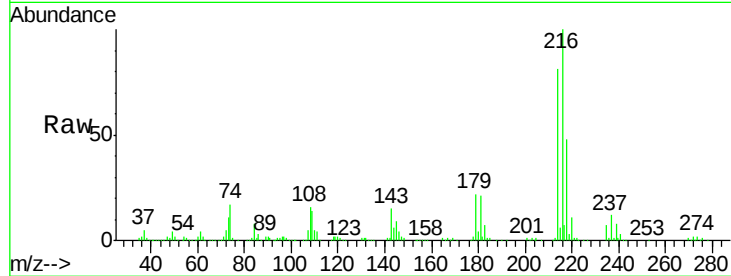
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:	216	Resp:	439441
Ion Ratio		Lower	Upper
216	100		
214	81.2	63.8	95.8
179	21.9	18.2	27.2
108	18.9	17.2	25.8

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#40

Hexachlorocyclopentadiene

Concen: 45.19 ng

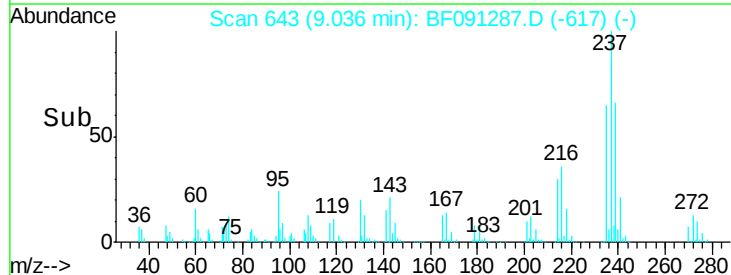
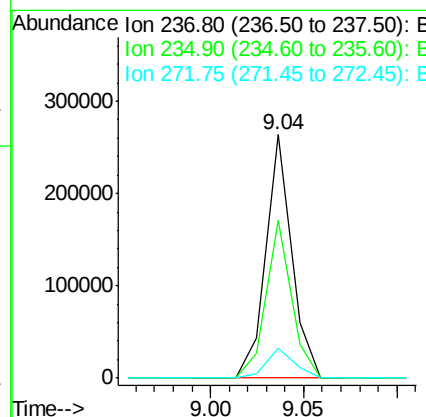
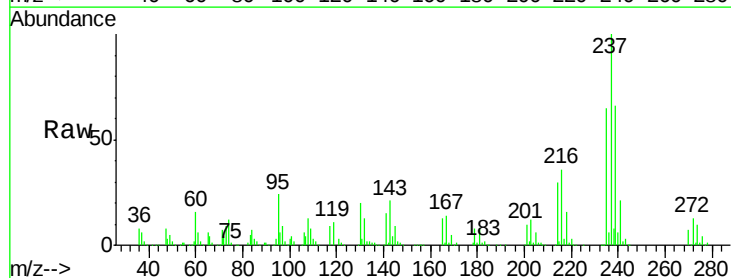
RT: 9.04 min Scan# 643

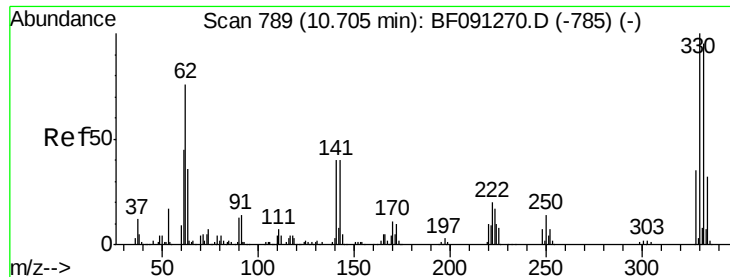
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:	237	Resp:	252987
Ion Ratio		Lower	Upper
237	100		
235	64.7	43.9	83.9
272	12.5	0.0	33.1





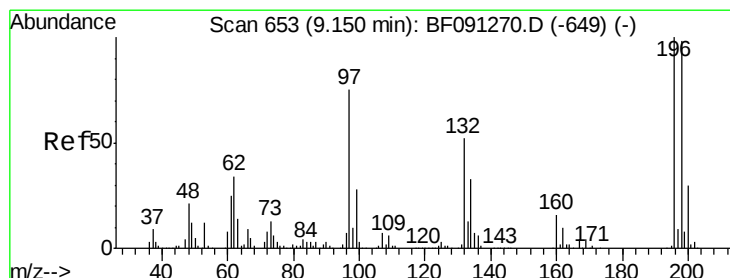
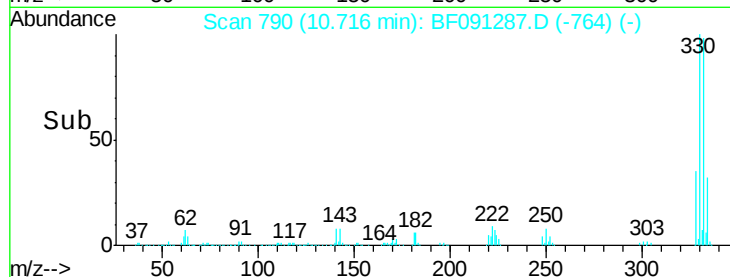
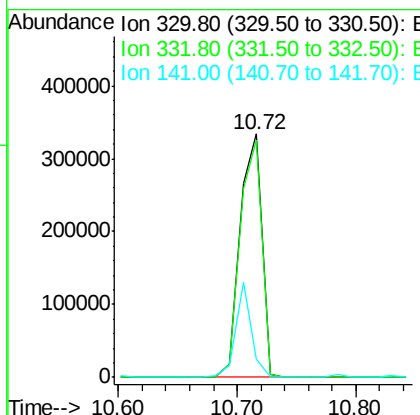
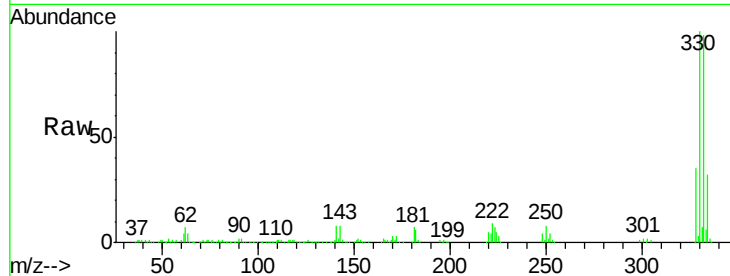
#41
 2,4,6-Tribromophenol
 Concen: 92.29 ng
 RT: 10.72 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	429548		
332	97.4	76.2	114.4	
141	28.5	33.6	50.4	

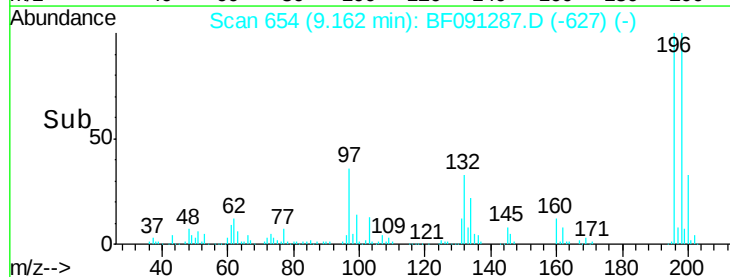
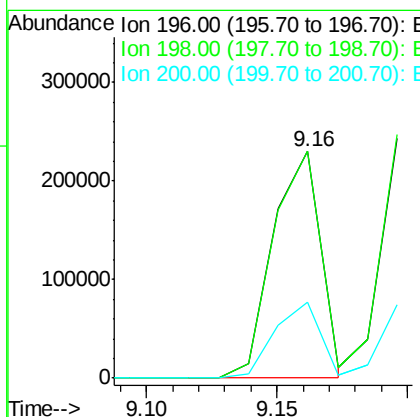
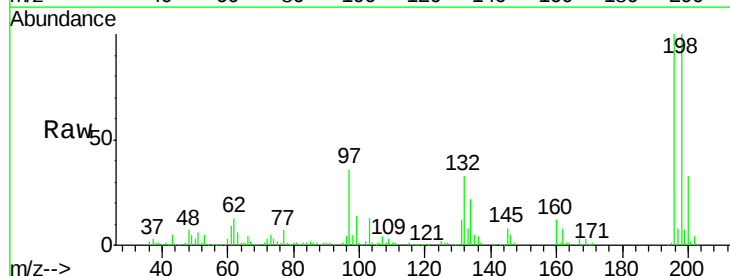
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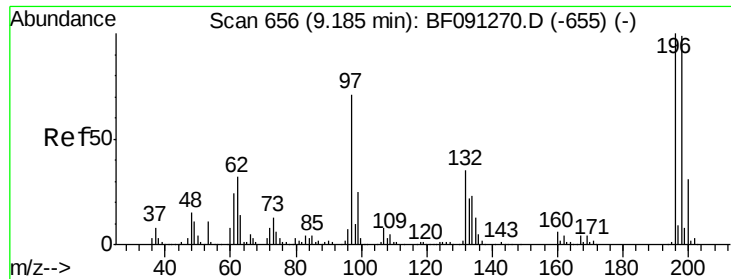
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#42
 2,4,6-Trichlorophenol
 Concen: 33.95 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

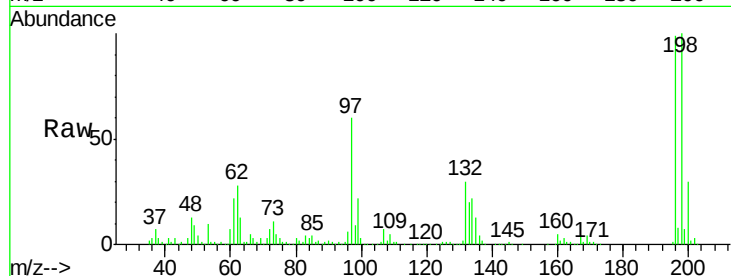
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	292867		
198	100.1	77.4	116.0	
200	33.4	25.2	37.8	





#43
 2,4,5-Trichlorophenol
 Concen: 34.18 ng
 RT: 9.20 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

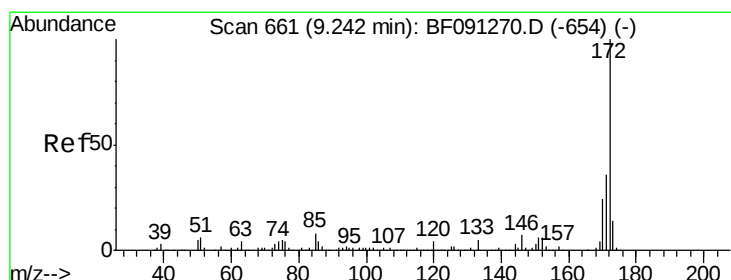
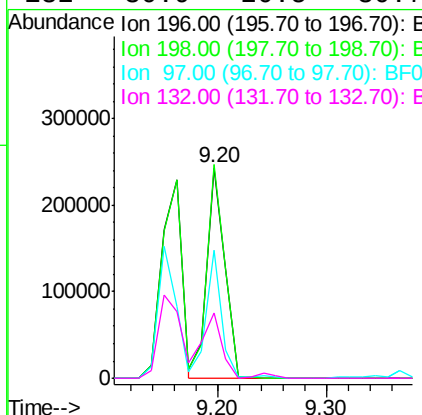
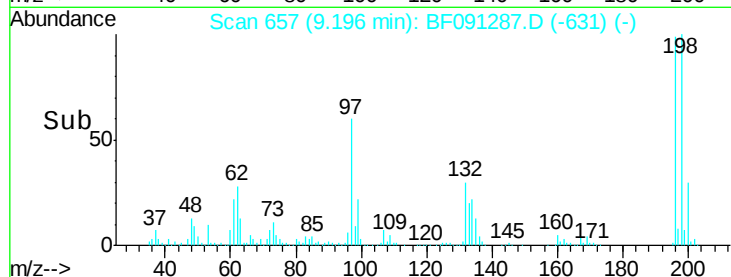
Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283261		
198	101.4	77.0	115.6	
97	61.0	33.5	50.3	
132	30.9	20.5	30.7	

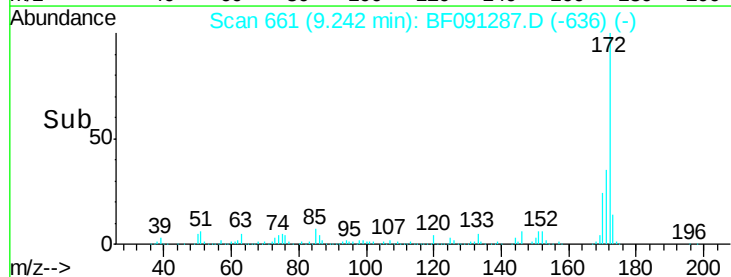
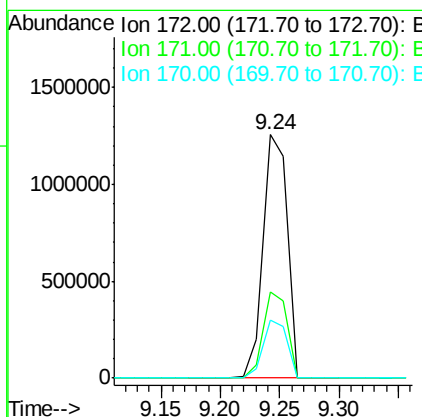
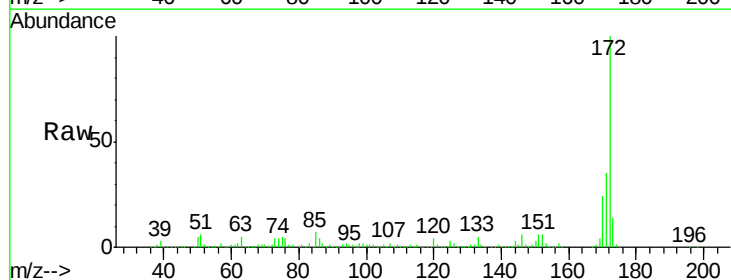
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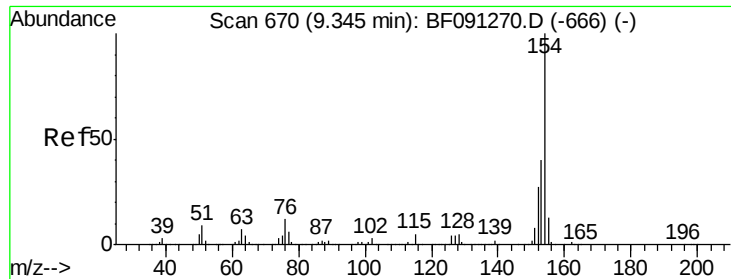
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#44
 2-Fluorobiphenyl
 Concen: 63.69 ng
 RT: 9.24 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1795310		
171	35.4	29.4	44.0	
170	23.9	19.7	29.5	





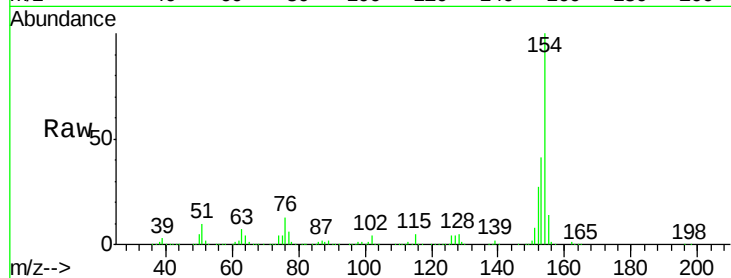
#45
 1,1'-Biphenyl
 Concen: 31.97 ng
 RT: 9.34 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

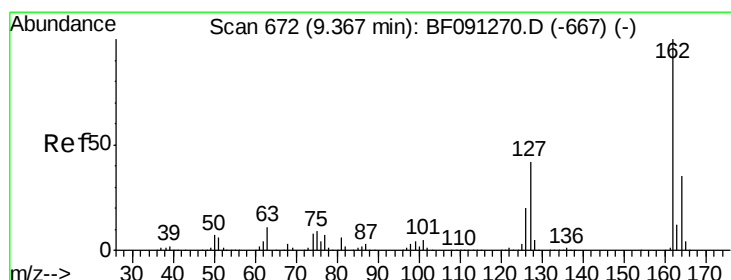
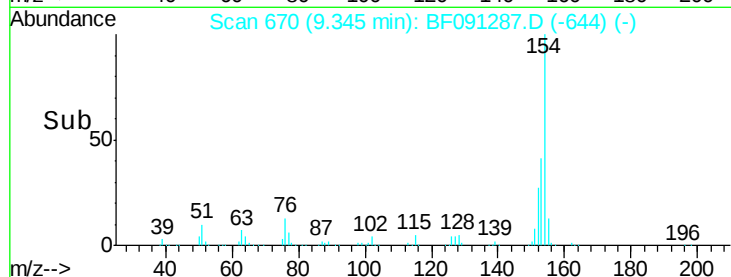
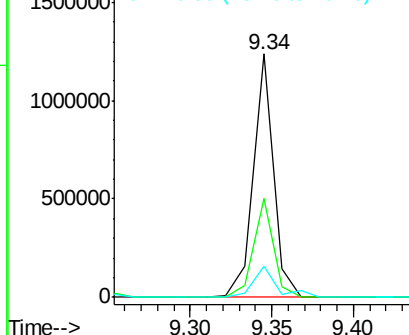
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	12.6	0.0	36.6

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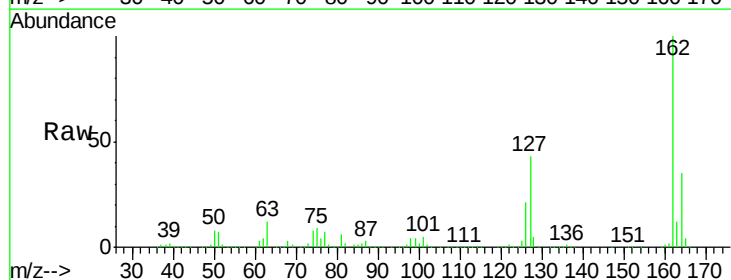


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

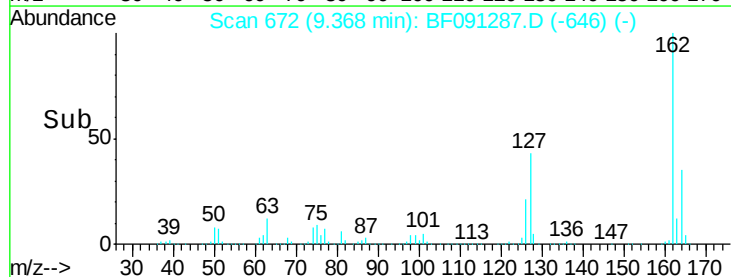
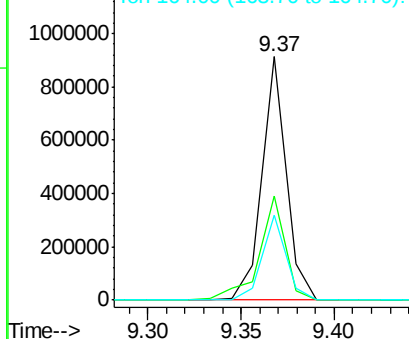


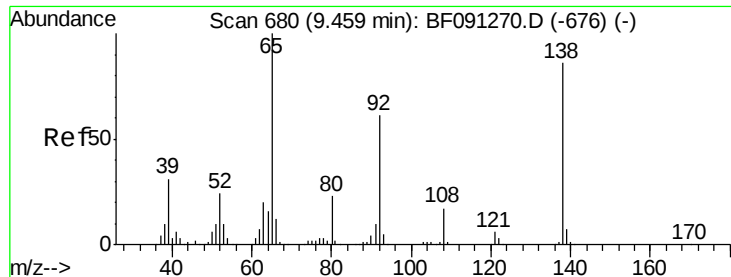
#46
 2-Chloronaphthalene
 Concen: 33.57 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.3	51.5
164	34.6	26.6	40.0



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





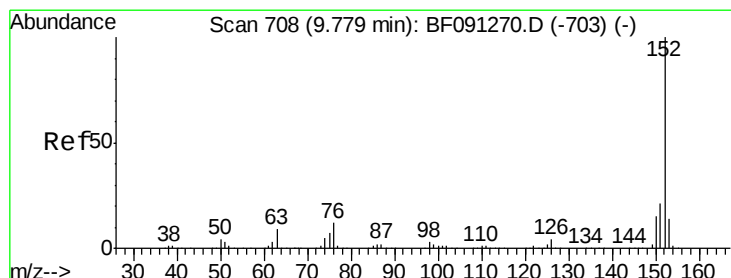
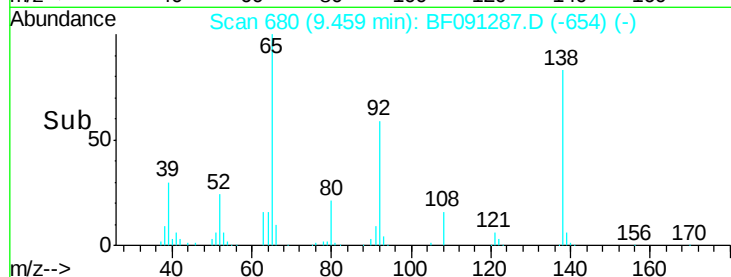
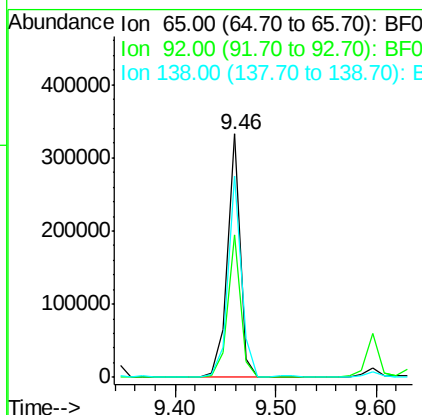
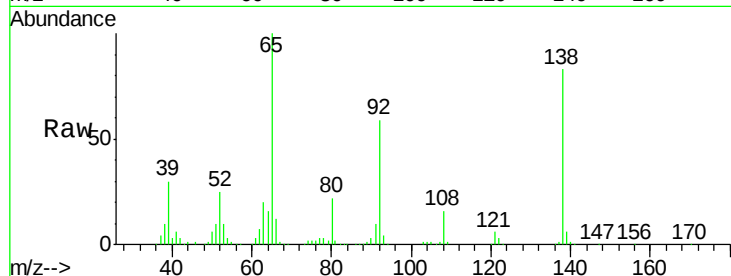
#47
2-Nitroaniline
Concen: 35.97 ng
RT: 9.46 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.7	53.6	80.4
138	82.6	91.0	136.6

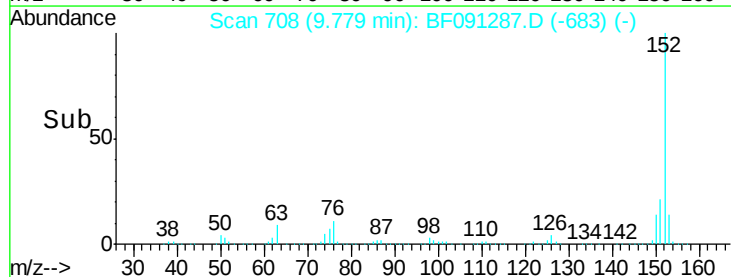
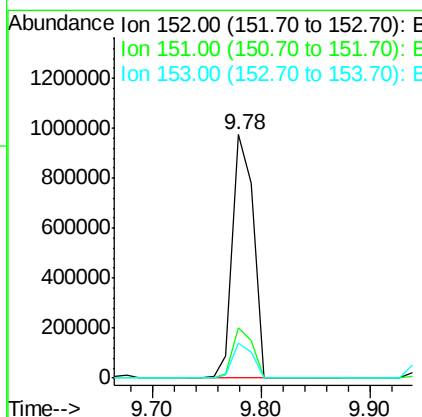
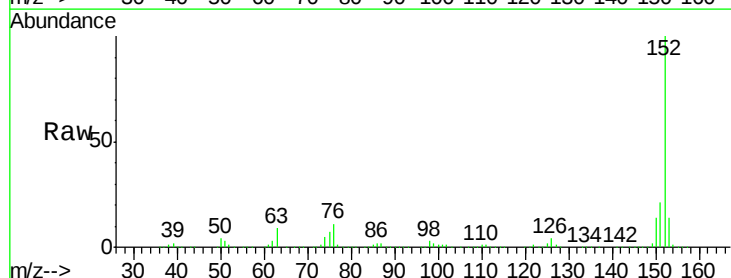
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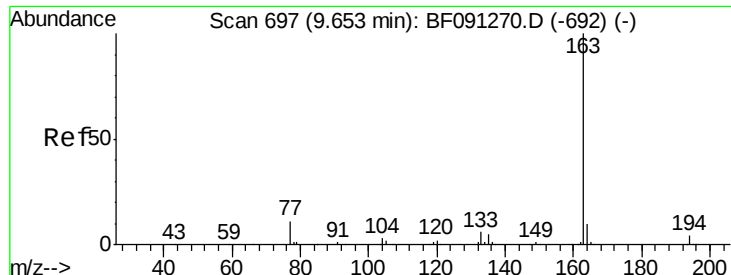
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#48
Acenaphthylene
Concen: 32.49 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.6	24.8
153	14.3	10.7	16.1





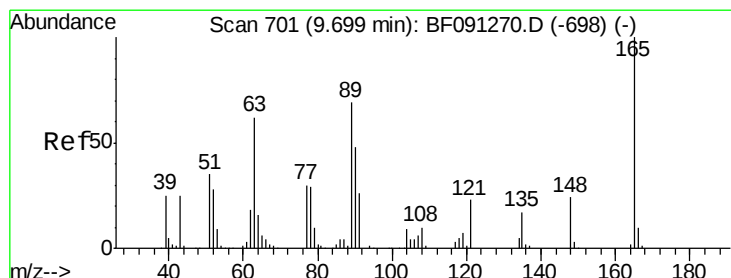
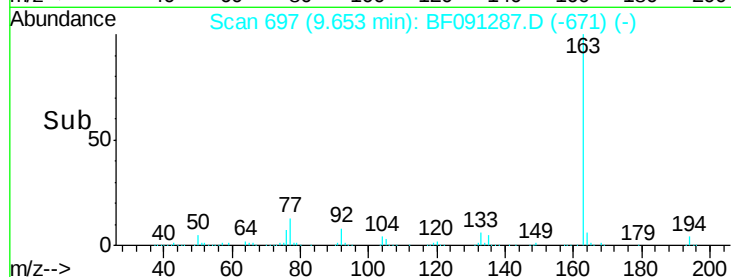
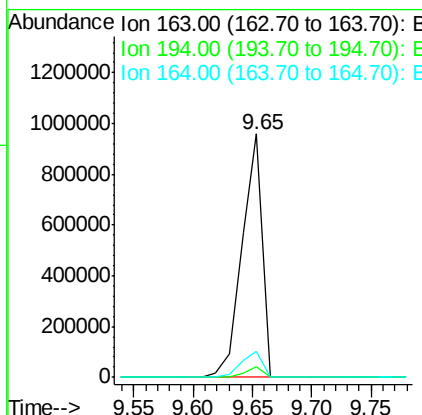
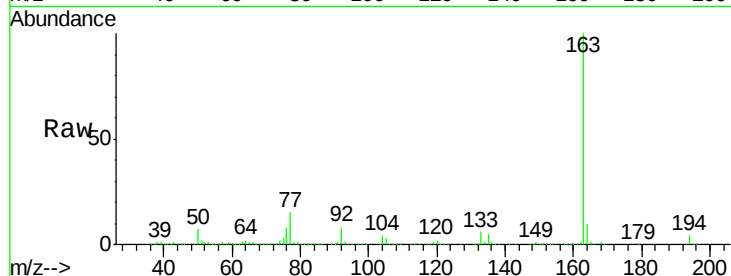
#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion:163 Resp: 1126400
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.5 7.8 11.8

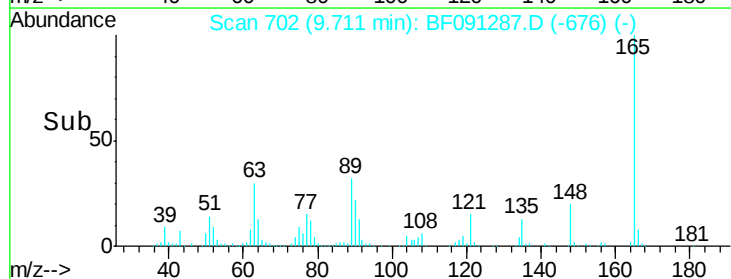
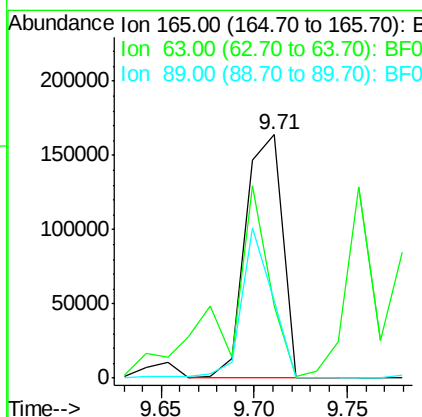
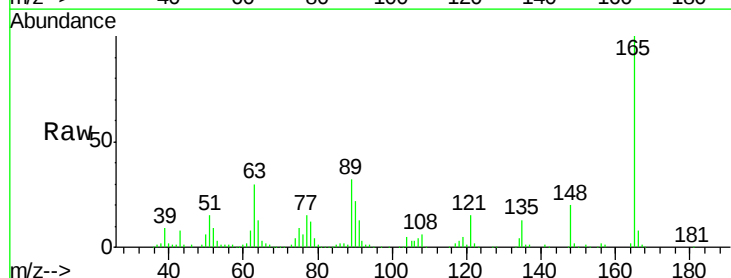
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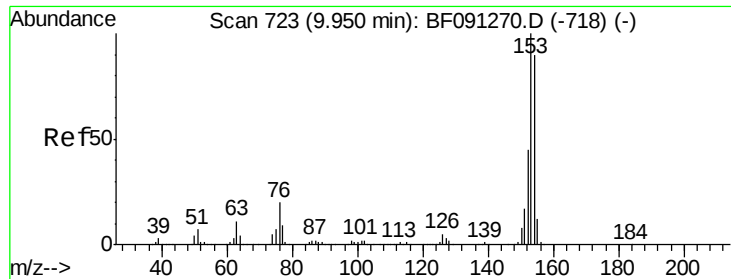
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#50
2,6-Dinitrotoluene
Concen: 35.55 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:165 Resp: 223775
Ion Ratio Lower Upper
165 100
63 29.6 59.4 89.0#
89 31.6 50.8 76.2#





#51

Acenaphthene

Concen: 34.94 ng

RT: 9.96 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

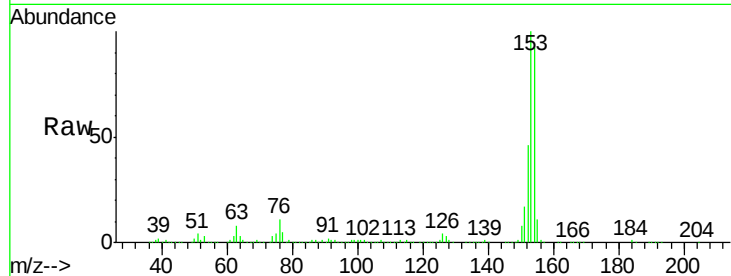
ClientSampleId :

SB-01(0-0.16)MSD

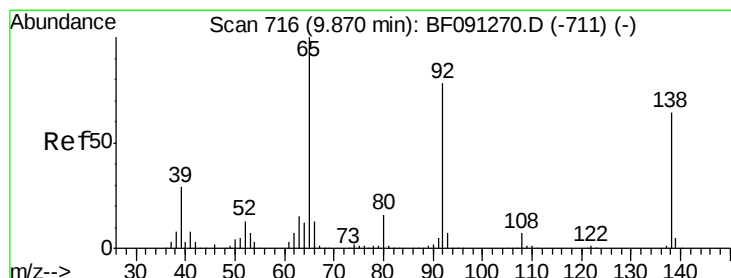
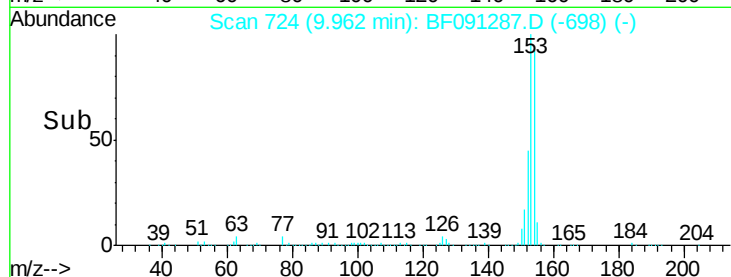
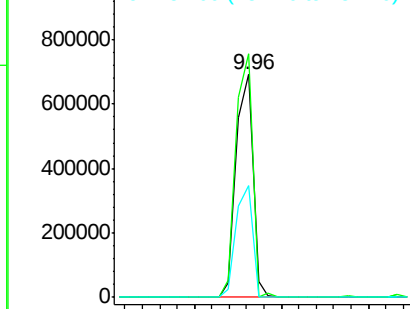
Tgt Ion:	154	Resp:	928978
Ion Ratio	Lower	Upper	
154	100		
153	109.3	91.0	136.6
152	50.4	44.2	66.2

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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: 21.41 ng

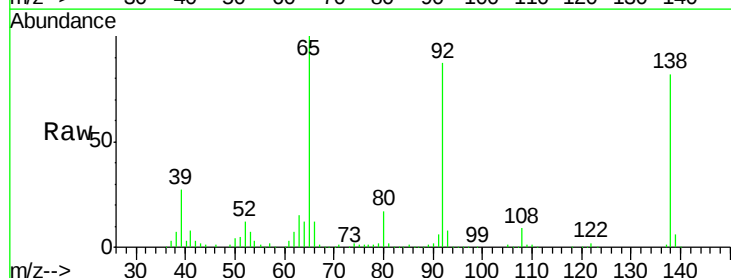
RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

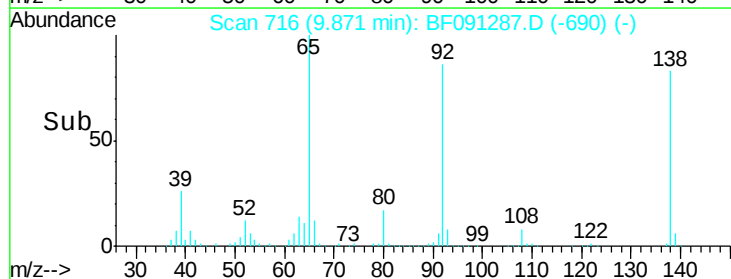
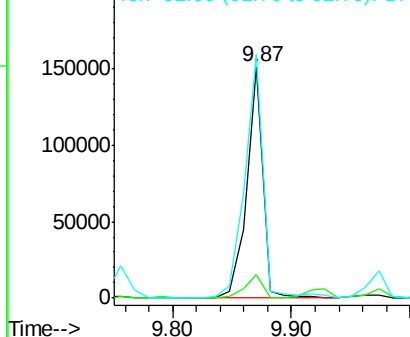
Lab File: BF091287.D

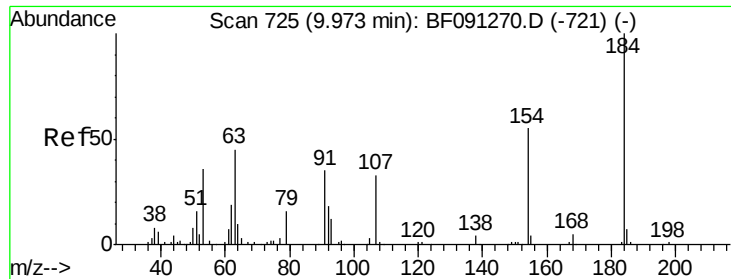
Acq: 23 Nov 2016 20:58

Tgt Ion:	138	Resp:	144888
Ion Ratio	Lower	Upper	
138	100		
108	10.3	8.1	12.1
92	105.2	92.5	138.7



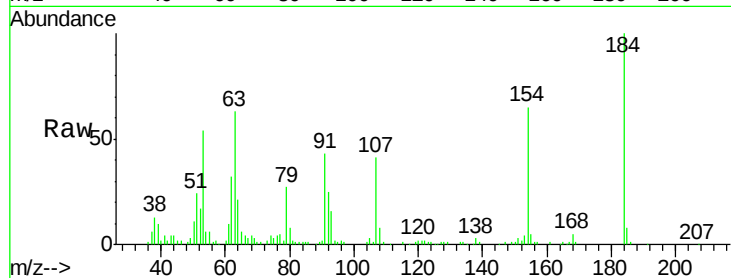
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 29.61 ng
RT: 9.97 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

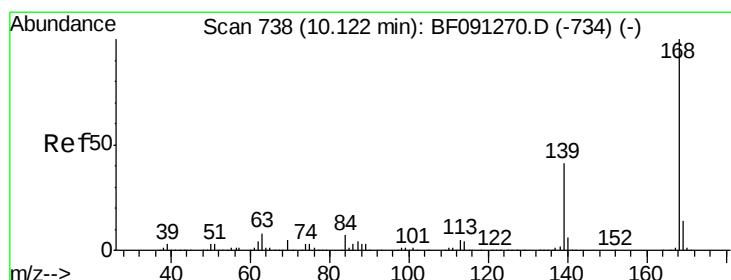
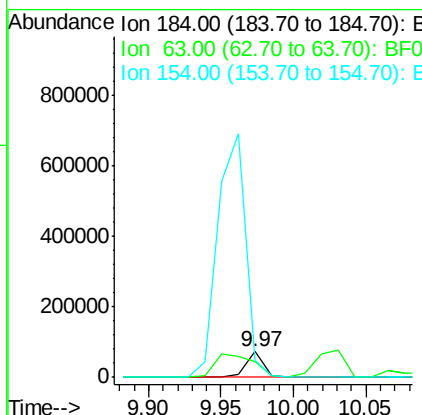
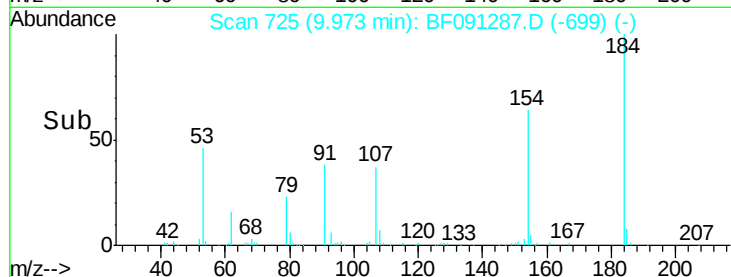
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:184 Resp: 60763
Ion Ratio Lower Upper
184 100
63 62.8 58.3 87.5
154 64.9 48.6 73.0

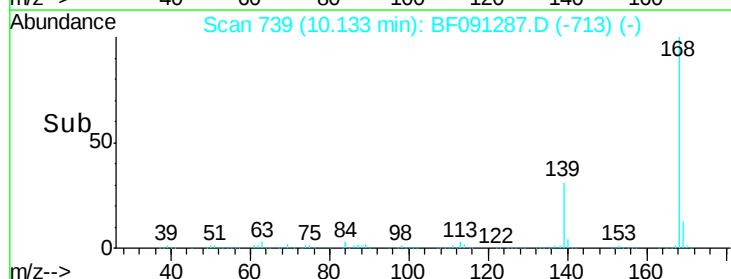
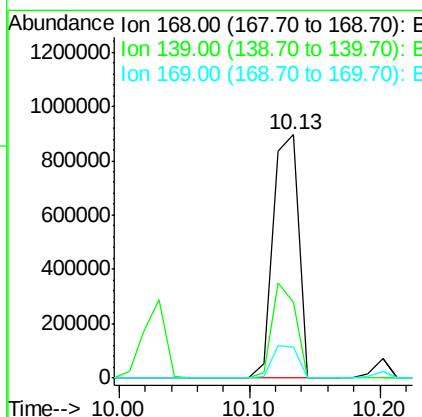
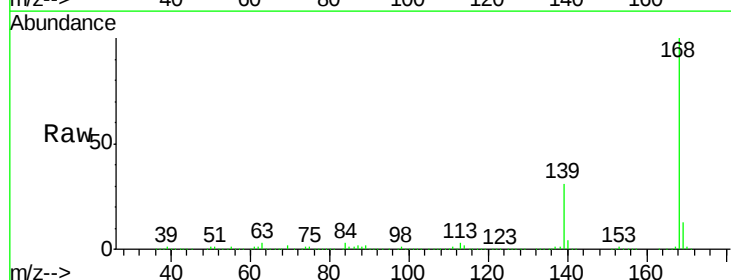
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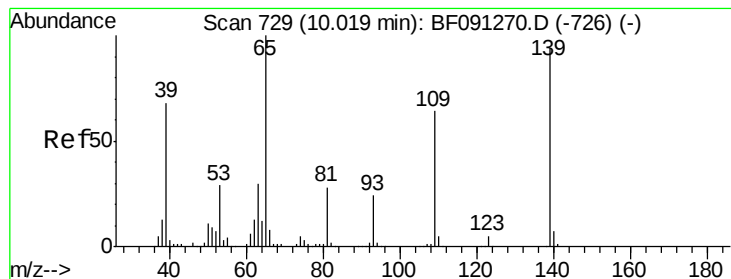
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#54
Dibenzofuran
Concen: 32.80 ng
RT: 10.13 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:168 Resp: 1226478
Ion Ratio Lower Upper
168 100
139 31.1 33.4 50.2#
169 12.9 11.1 16.7





#55

4-Nitrophenol

Concen: 70.37 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

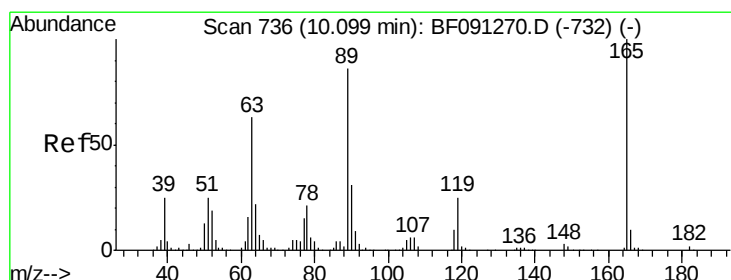
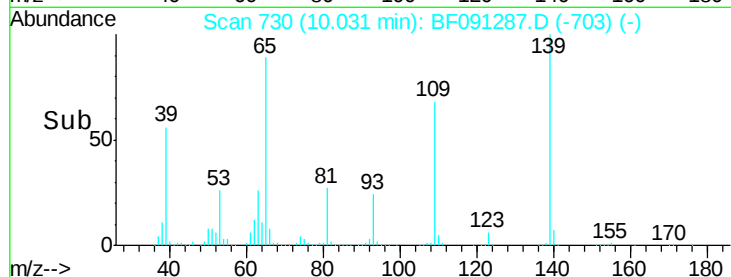
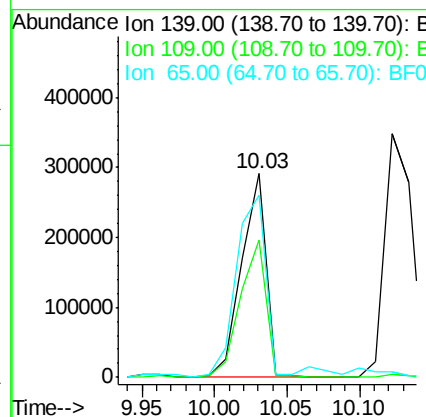
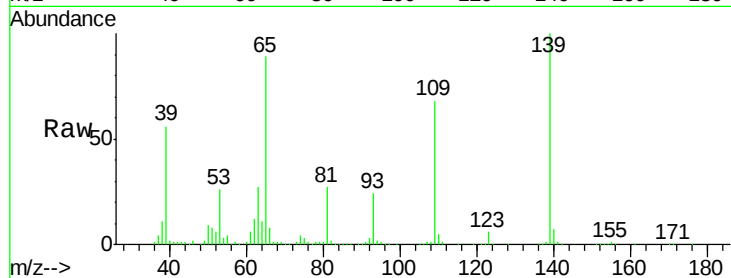
ClientSampleId :

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Tgt Ion:	139	Resp:	343464
Ion Ratio	Lower	Upper	
139	100		
109	67.7	54.9	94.9
65	89.3	102.2	142.2#

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#56

2,4-Dinitrotoluene

Concen: 37.59 ng

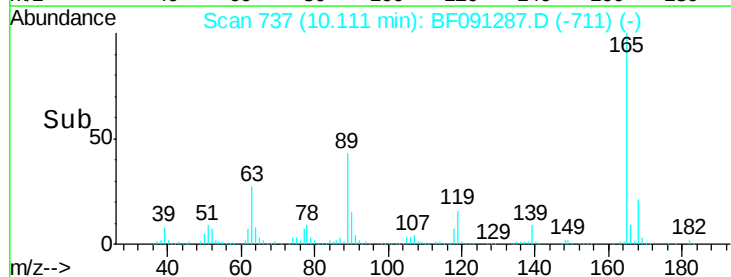
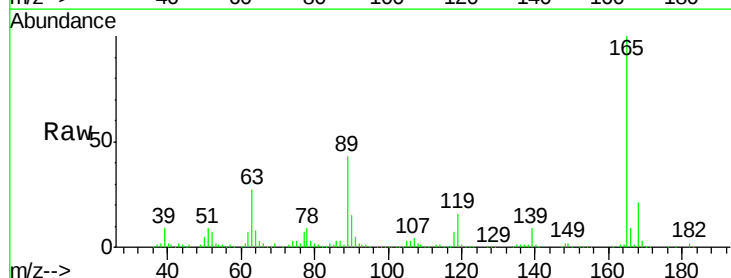
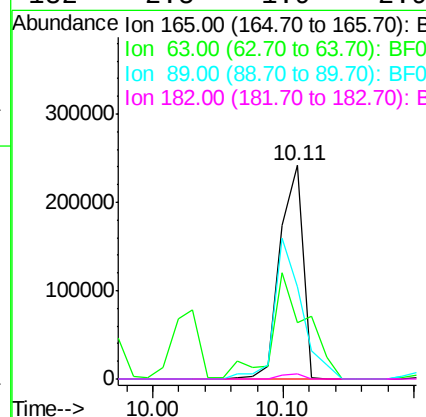
RT: 10.11 min Scan# 737

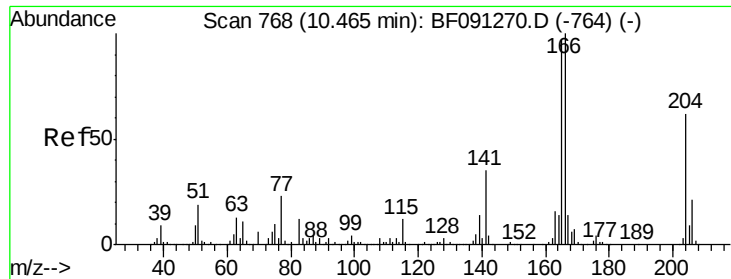
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:	165	Resp:	299441
Ion Ratio	Lower	Upper	
165	100		
63	26.6	29.0	43.4#
89	43.4	43.1	64.7
182	2.5	1.9	2.9





#57

Fluorene

Concen: 33.04 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

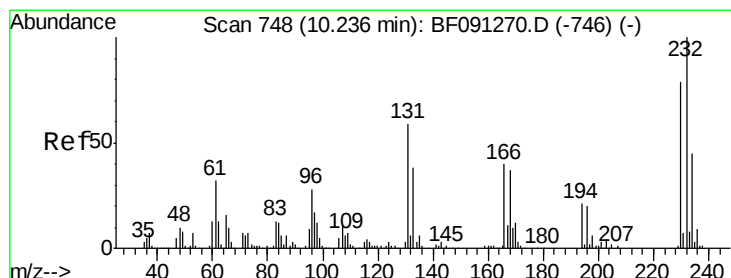
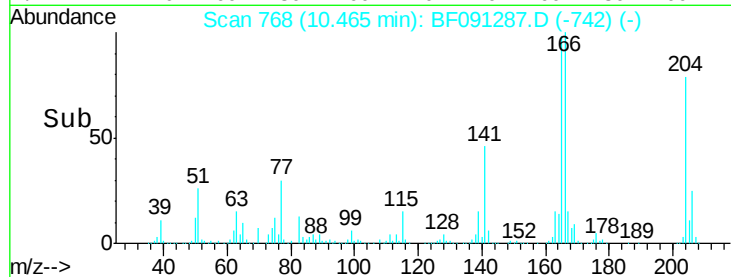
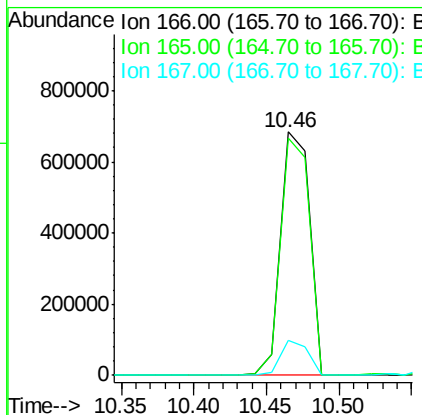
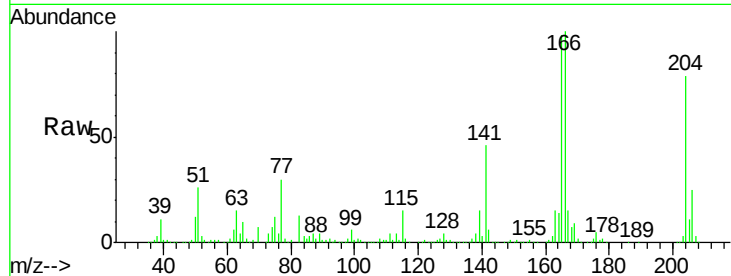
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	945434		
165	97.7	80.0	120.0	
167	14.6	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.19 ng

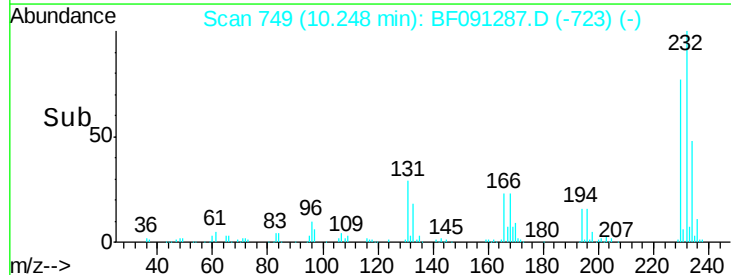
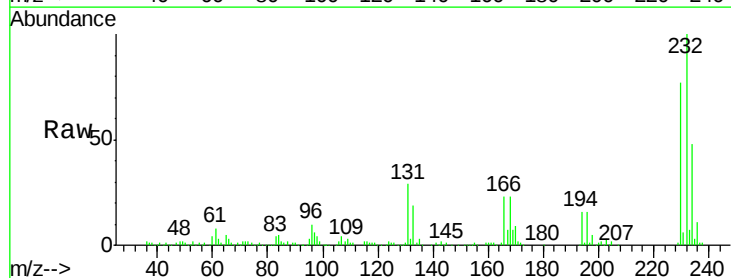
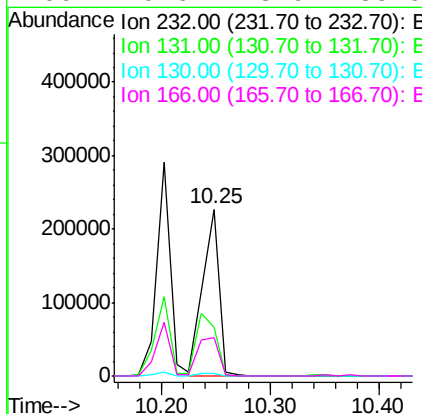
RT: 10.25 min Scan# 749

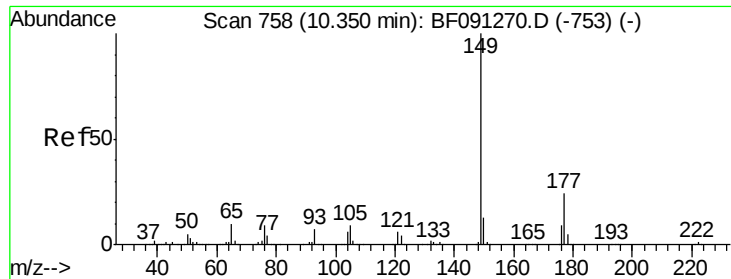
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	241836		
131	45.2	38.4	57.6	
130	2.1	1.8	2.8	
166	29.6	23.9	35.9	





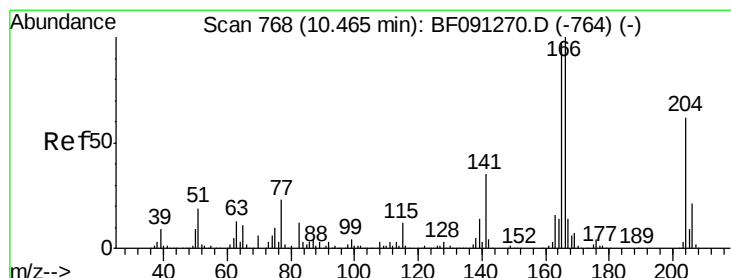
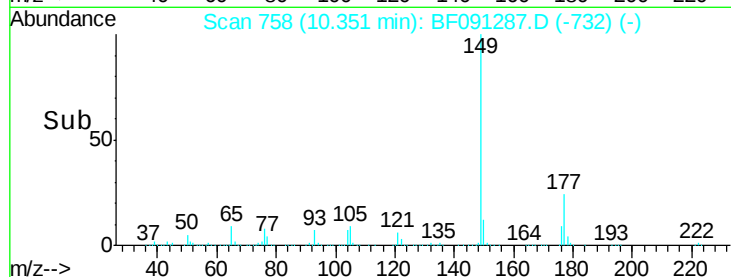
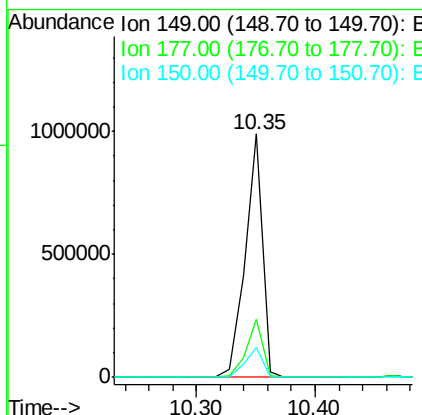
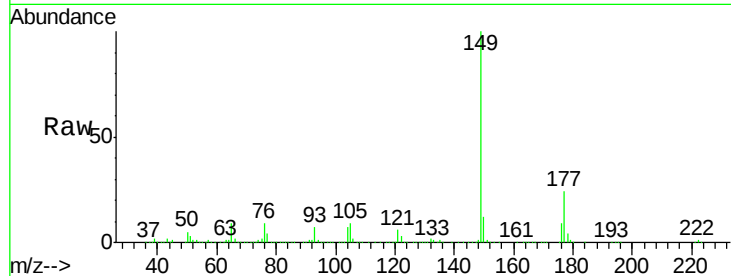
#59
Diethylphthalate
Concen: 34.49 ng
RT: 10.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion:149 Resp: 1000122
Ion Ratio Lower Upper
149 100
177 23.8 15.7 23.5#
150 12.3 10.2 15.2

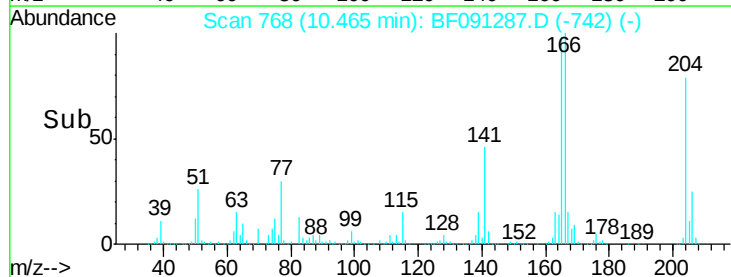
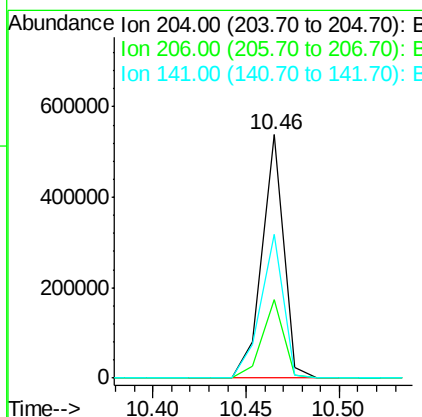
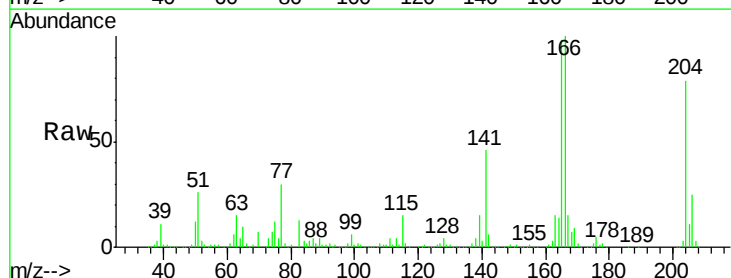
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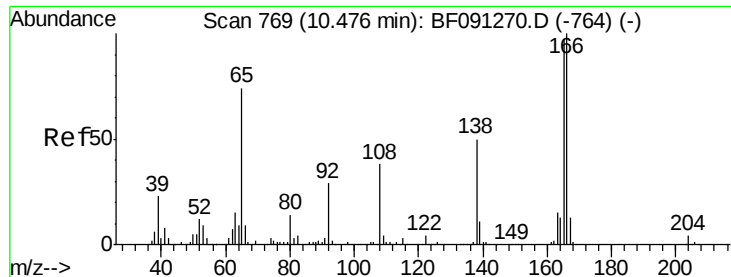
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.44 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:204 Resp: 440822
Ion Ratio Lower Upper
204 100
206 32.2 26.1 39.1
141 58.8 40.6 61.0





#61

4-Nitroaniline

Concen: 25.65 ng

RT: 10.48 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

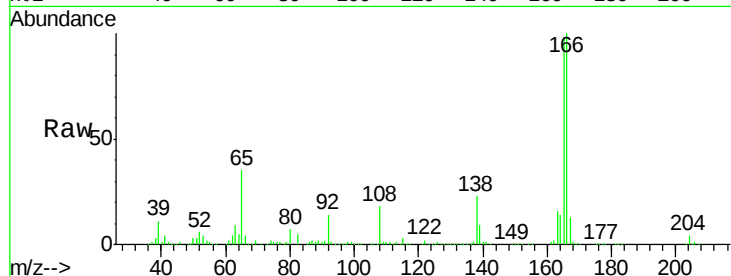
ClientSampleId :

SB-01(0-0.16)MSD

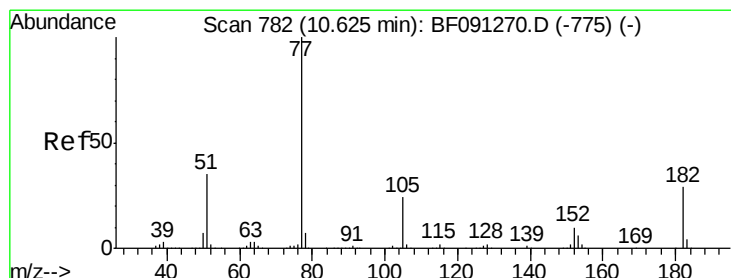
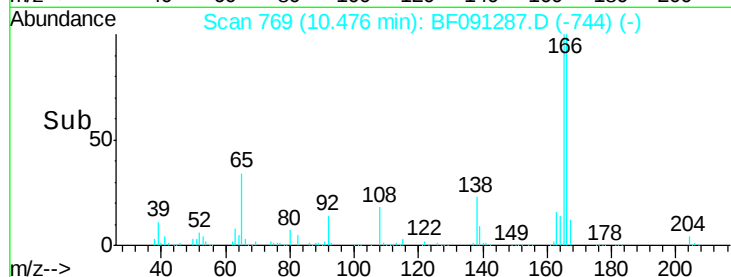
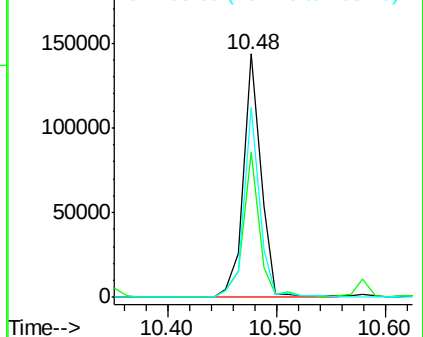
Tgt Ion:	138	Resp:	161985
Ion Ratio	Lower	Upper	
138	100		
92	59.4	26.9	66.9
108	78.0	49.1	89.1

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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: 36.71 ng

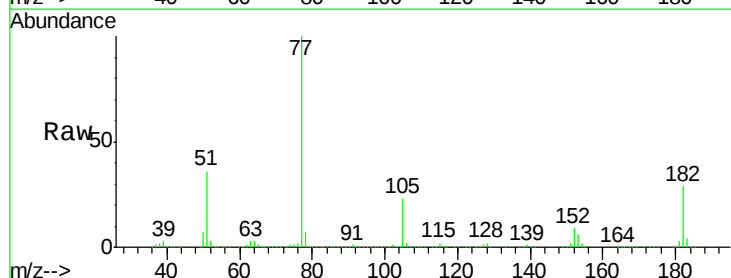
RT: 10.62 min Scan# 782

Delta R.T. -0.00 min

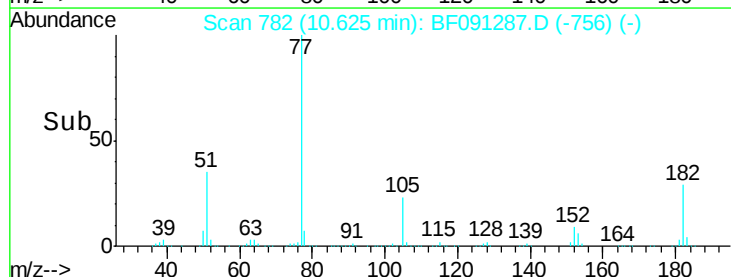
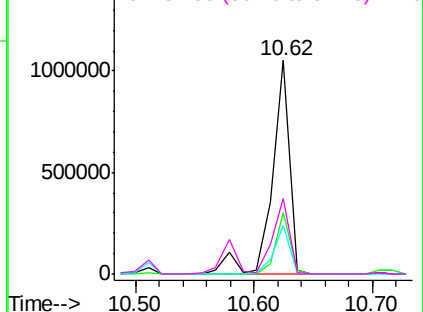
Lab File: BF091287.D

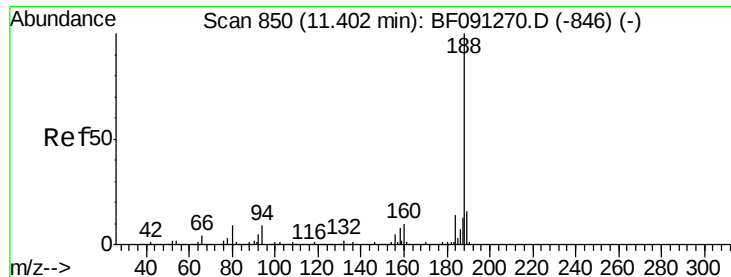
Acq: 23 Nov 2016 20:58

Tgt Ion:	77	Resp:	1079718
Ion Ratio	Lower	Upper	
77	100		
182	29.0	12.5	52.5
105	22.9	3.7	43.7
51	35.6	11.9	51.9



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: 11.40 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:188 Resp: 681317
Ion Ratio Lower Upper

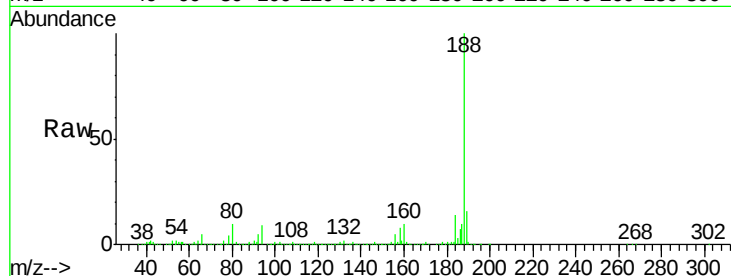
188 100

94 9.4 9.2 13.8

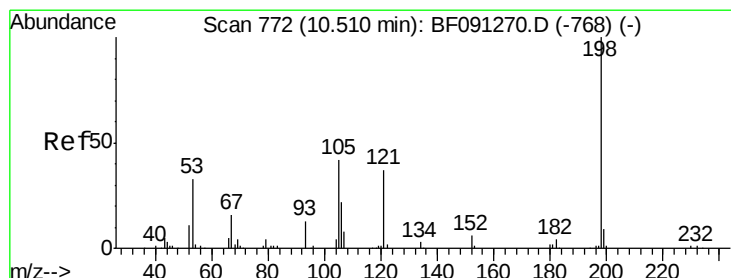
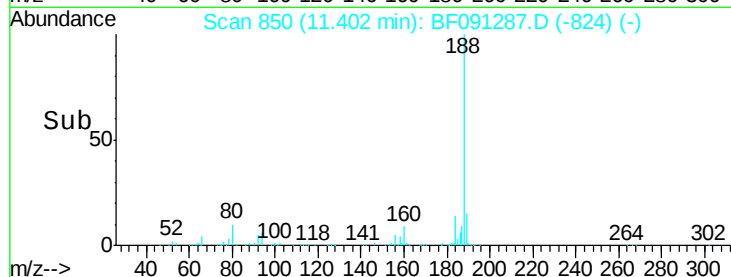
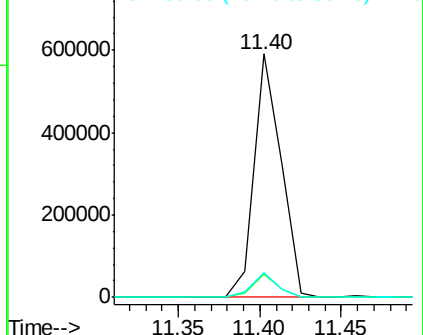
80 10.4 10.5 15.7#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.86 ng

RT: 10.51 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF091287.D

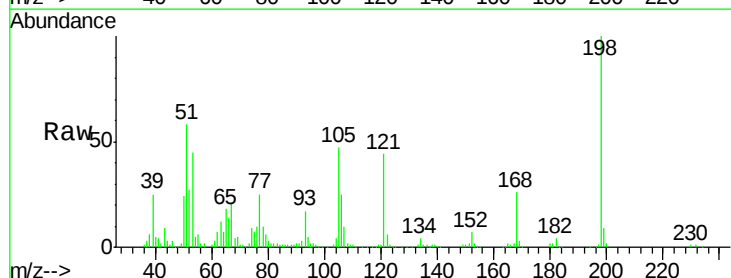
Acq: 23 Nov 2016 20:58

Tgt Ion:198 Resp: 92272
Ion Ratio Lower Upper

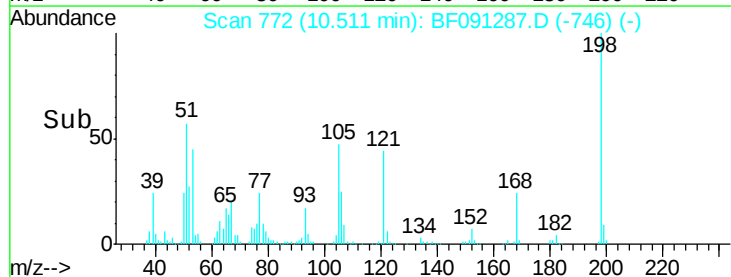
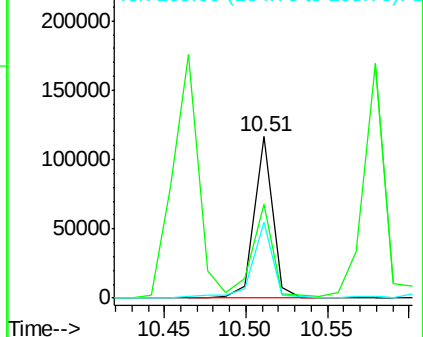
198 100

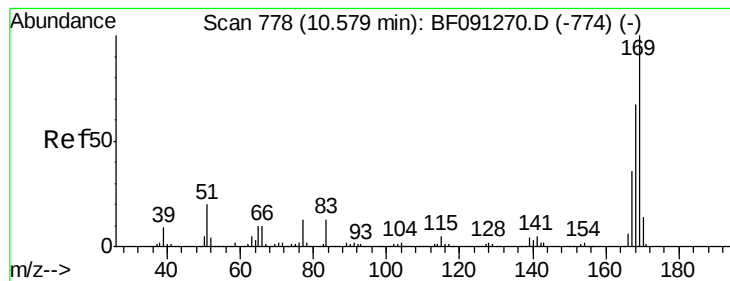
51 57.8 77.1 117.1#

105 46.9 44.8 84.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





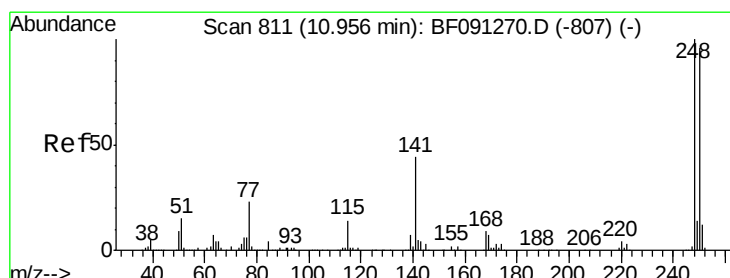
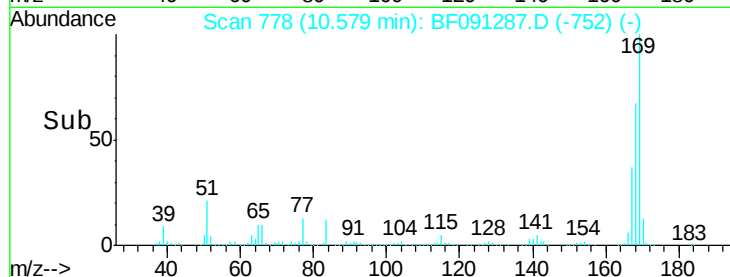
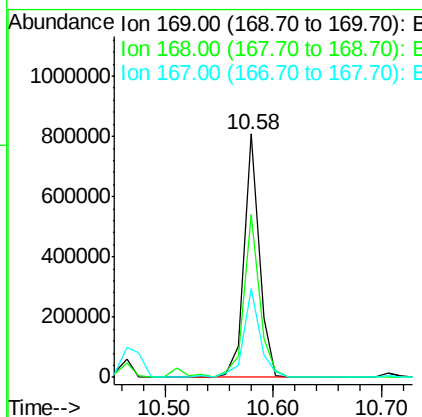
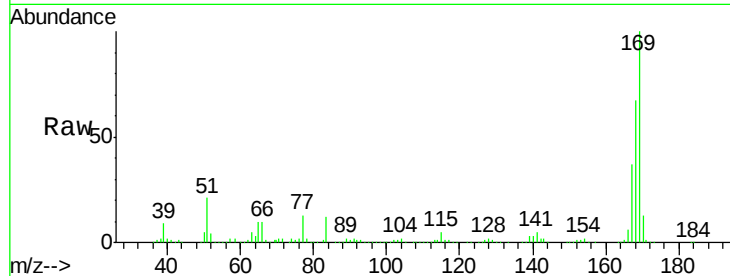
#65
n-Nitrosodiphenylamine
Concen: 37.36 ng
RT: 10.58 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	772872		
168	66.9	53.8	80.8	
167	36.7	29.8	44.8	

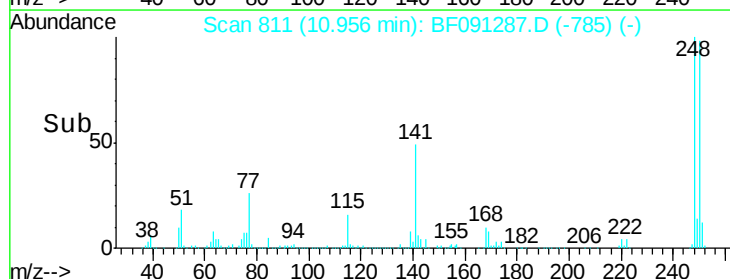
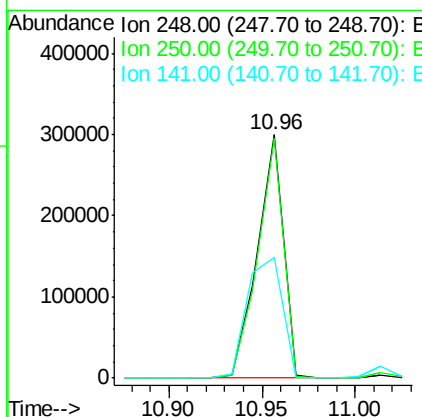
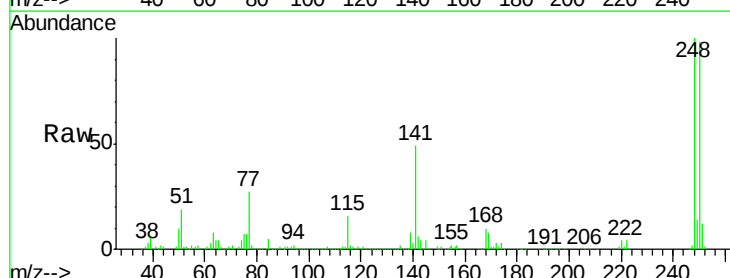
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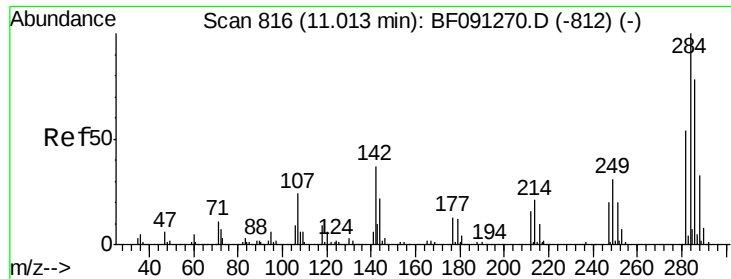
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#66
4-Bromophenyl-phenylether
Concen: 38.72 ng
RT: 10.96 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	288346		
250	98.3	78.2	117.4	
141	49.5	71.9	107.9#	





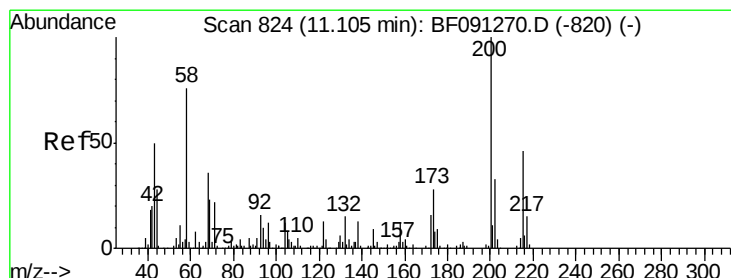
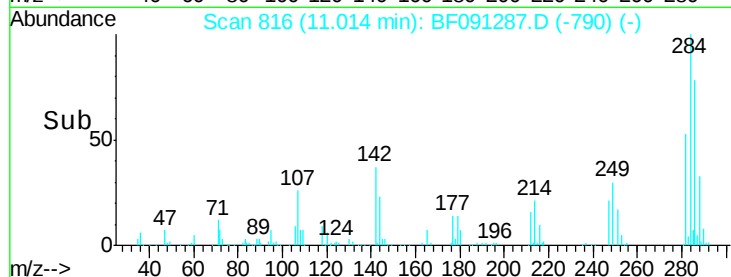
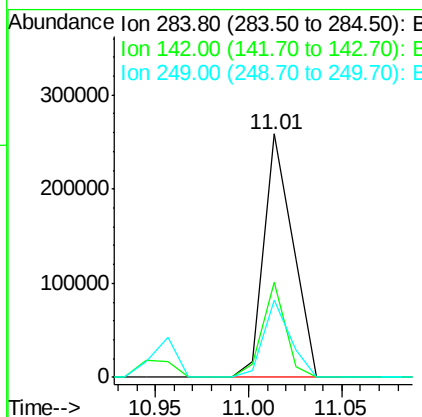
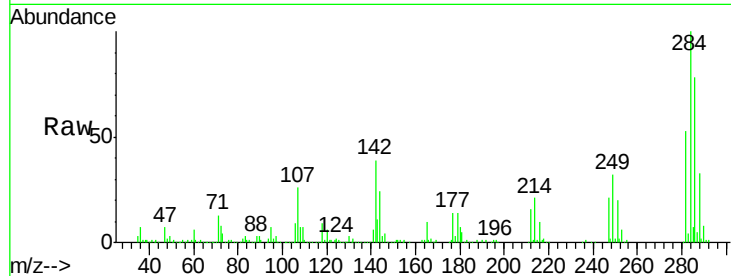
#67
Hexachlorobenzene
Concen: 33.69 ng
RT: 11.01 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	39.0	17.9	26.9#
249	31.5	23.6	35.4

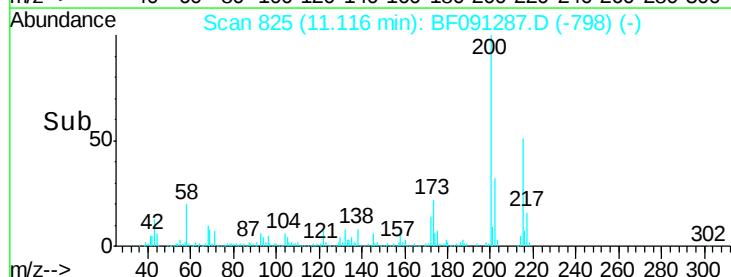
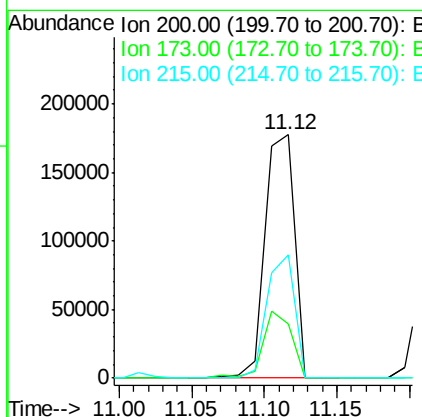
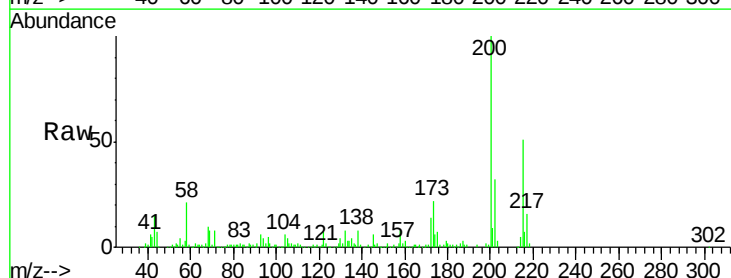
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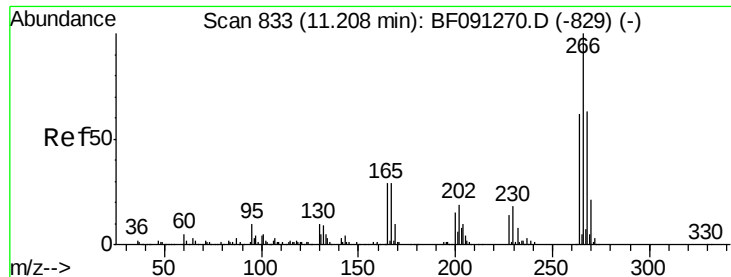
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#68
Atrazine
Concen: Below Cal
RT: 11.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.5	7.8	47.8
215	50.7	24.3	64.3





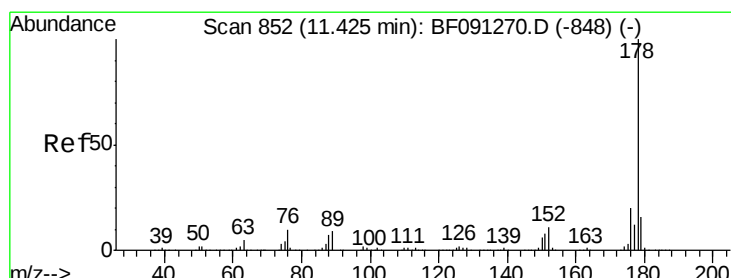
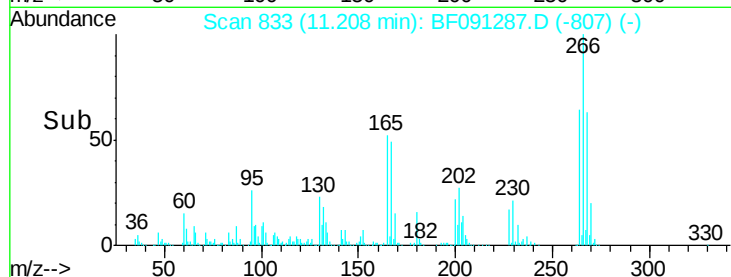
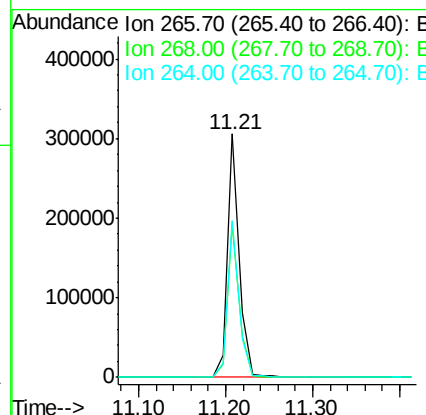
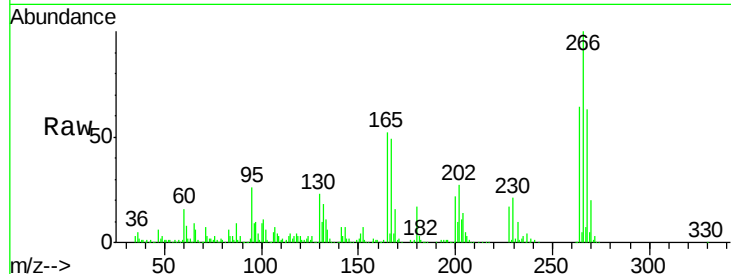
#69
 Pentachlorophenol
 Concen: 60.65 ng
 RT: 11.21 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.6	50.3	75.5
264	64.5	48.2	72.2

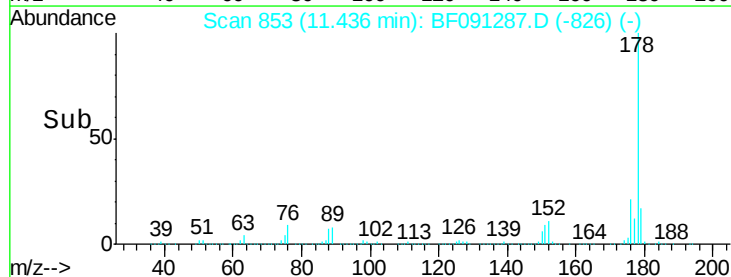
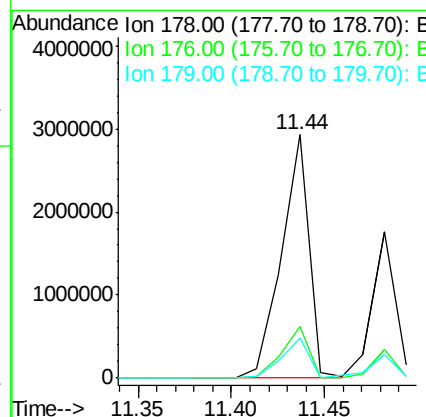
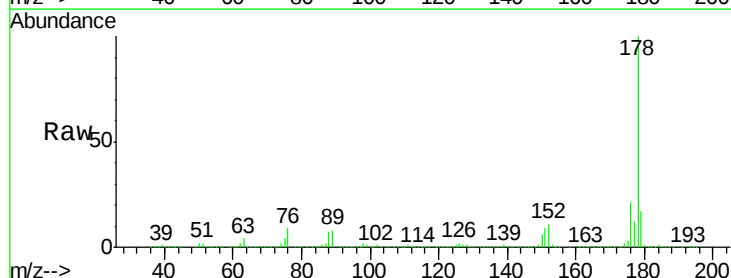
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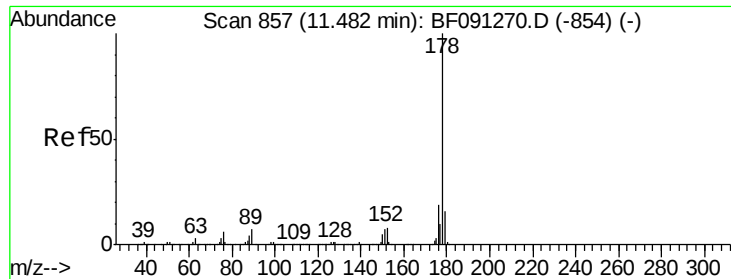
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#70
 Phenanthrene
 Concen: 84.75 ng
 RT: 11.44 min Scan# 853
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.9	23.9
179	16.7	12.6	18.8





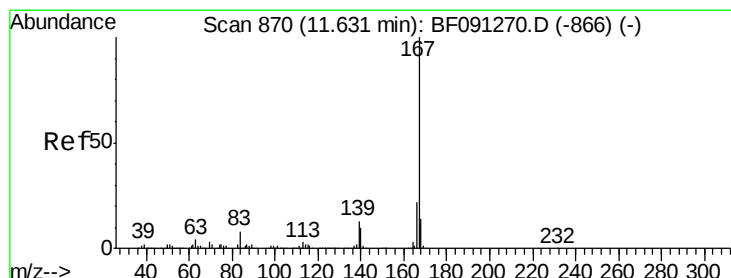
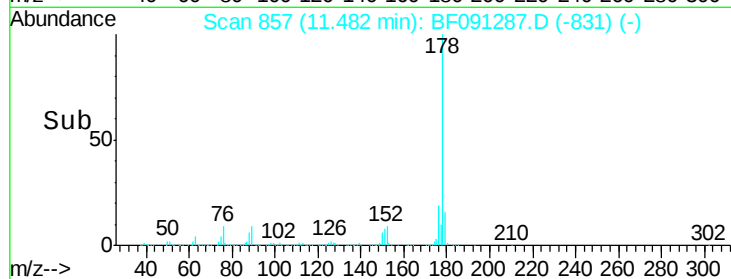
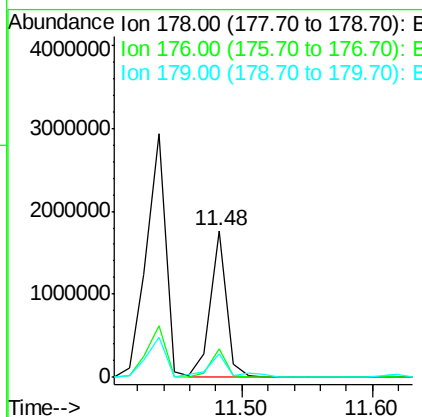
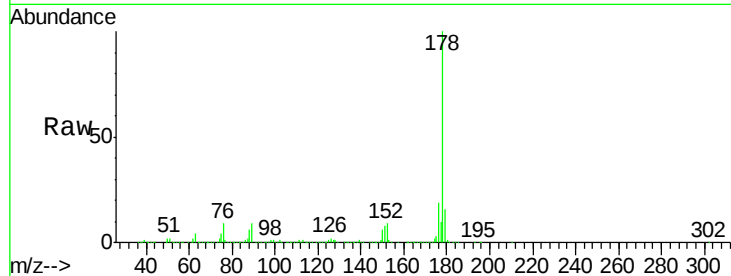
#71
 Anthracene
 Concen: 42.30 ng
 RT: 11.48 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.2	12.7	19.1

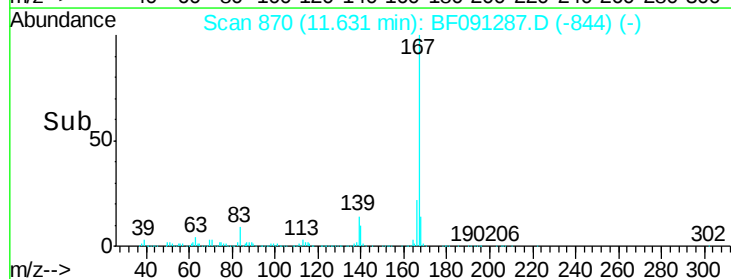
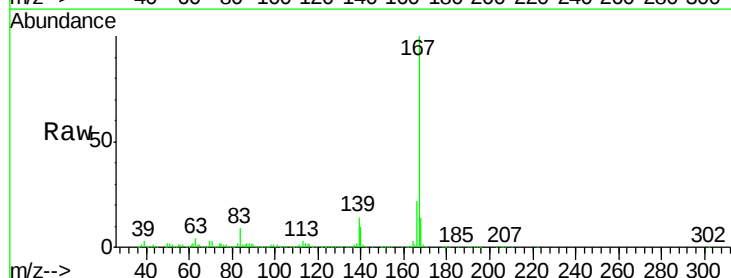
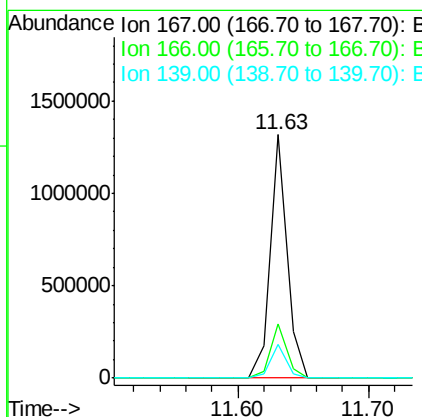
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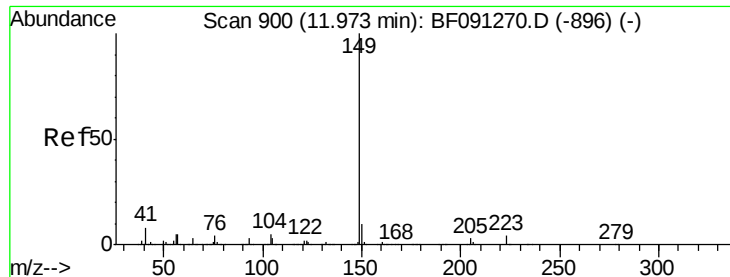
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#72
 Carbazole
 Concen: 37.48 ng
 RT: 11.63 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.1	27.1
139	13.6	11.5	17.3





#73

Di-n-butylphthalate

Concen: 35.77 ng

RT: 11.97 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

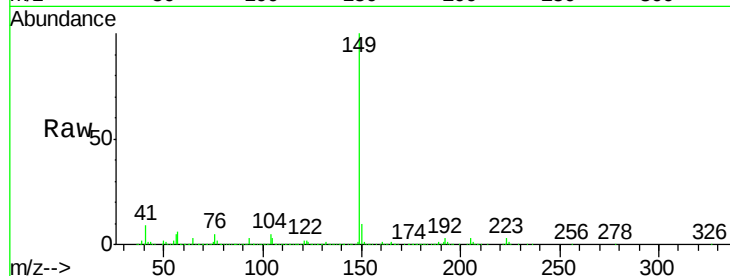
ClientSampleId :

SB-01(0-0.16)MSD

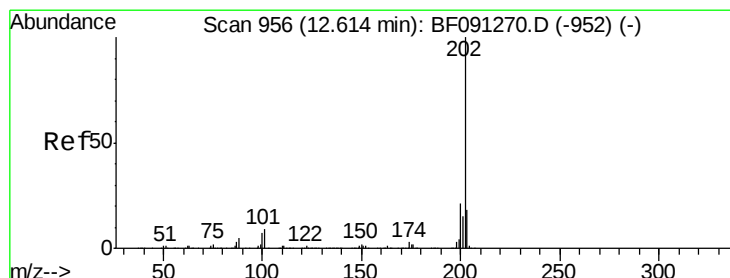
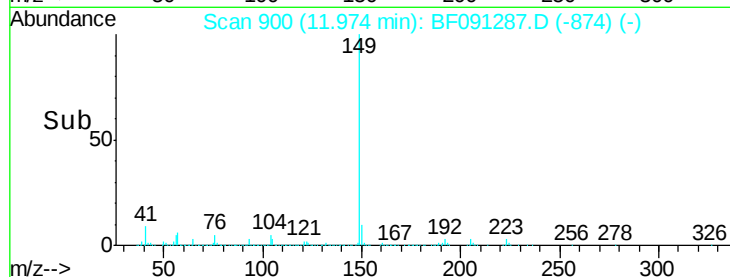
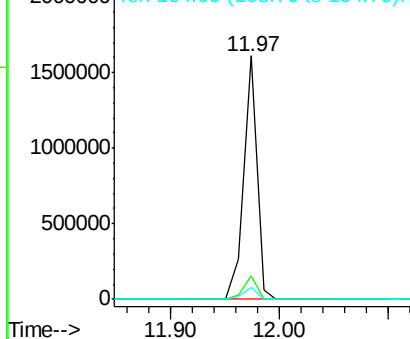
Tgt Ion:	149	Resp:	1332195
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	5.0	4.0	6.0

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



#74

Fluoranthene

Concen: 99.58 ng

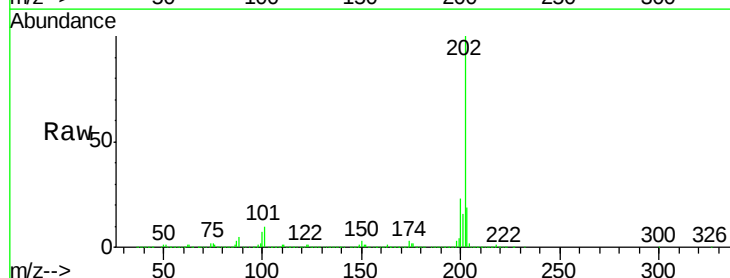
RT: 12.63 min Scan# 957

Delta R.T. 0.01 min

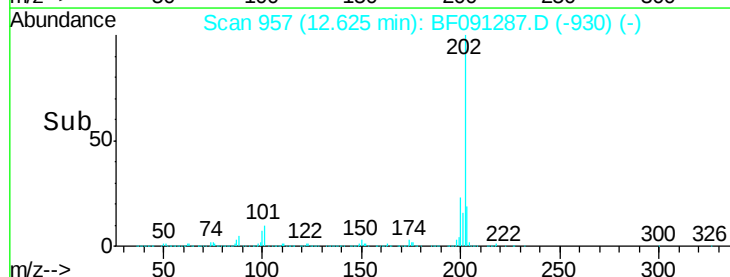
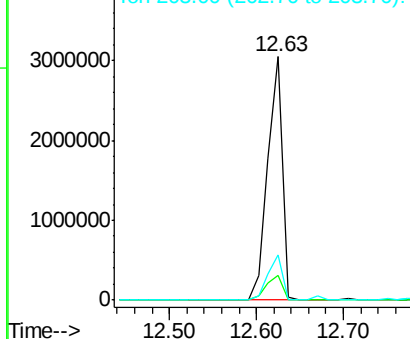
Lab File: BF091287.D

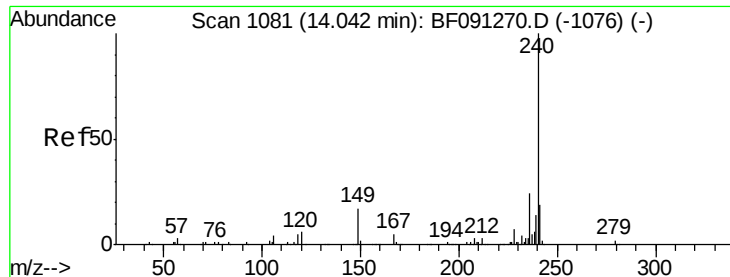
Acq: 23 Nov 2016 20:58

Tgt Ion:	202	Resp:	3579971
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.5
203	18.7	0.0	37.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

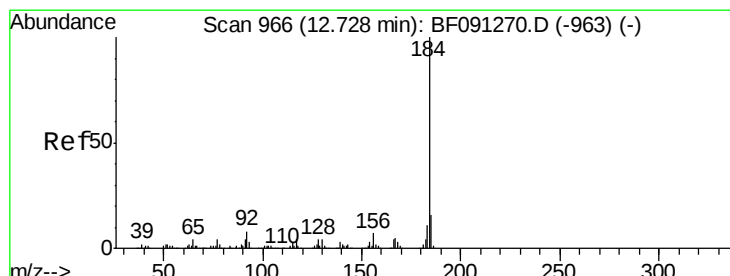
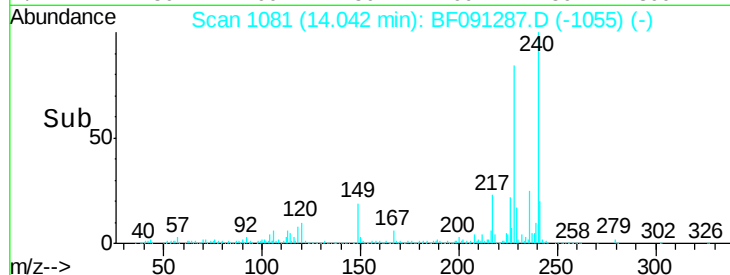
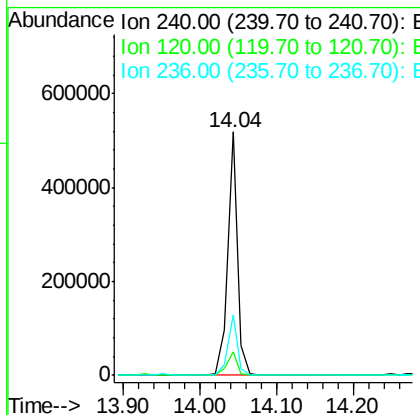
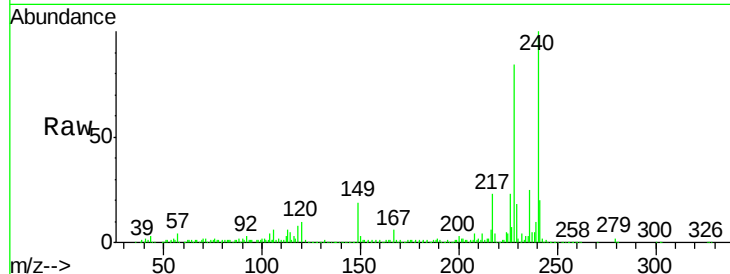
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	472482		
120	9.7	12.1	18.1	#
236	24.7	21.0	31.6	

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#76

Benzidine

Concen: 7.56 ng

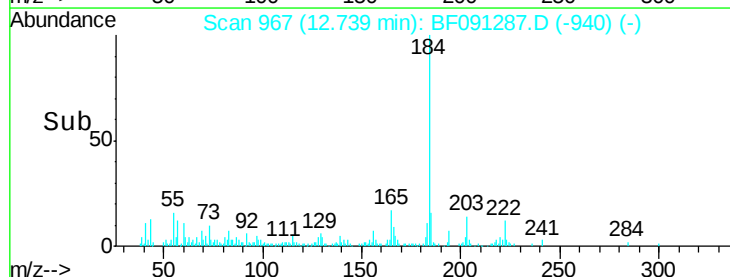
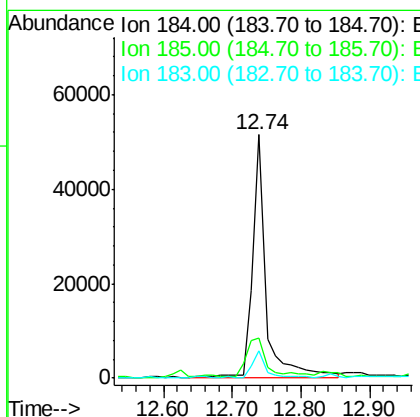
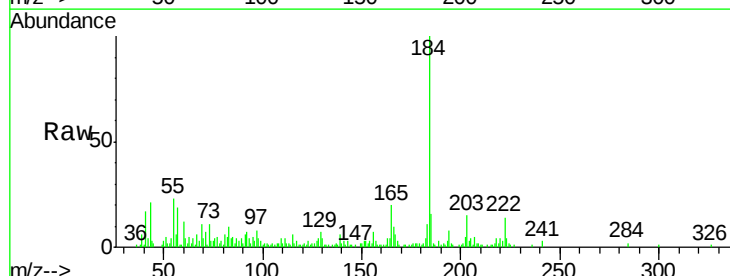
RT: 12.74 min Scan# 967

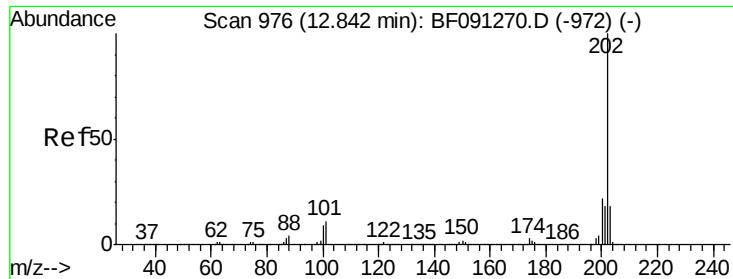
Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	69230		
185	16.4	13.1	19.7	
183	11.5	8.9	13.3	





#77

Pyrene

Concen: 89.38 ng

RT: 12.85 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

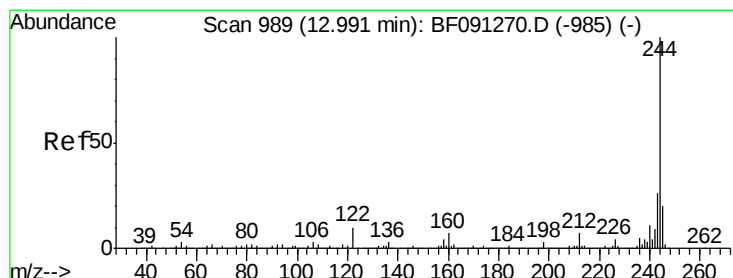
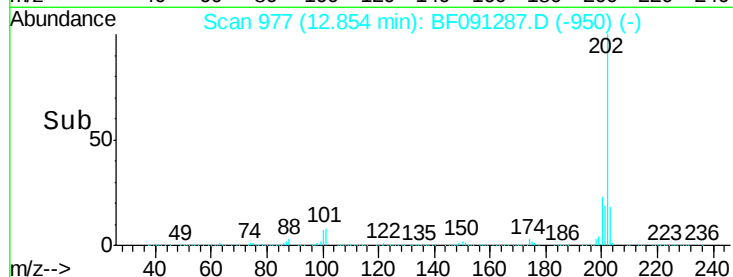
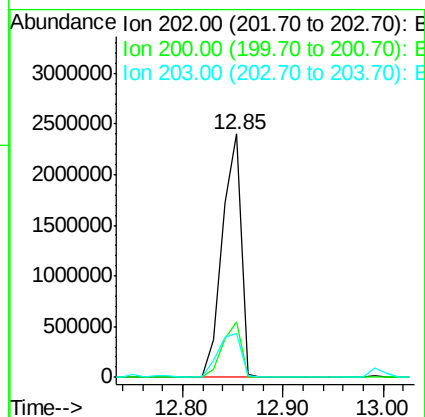
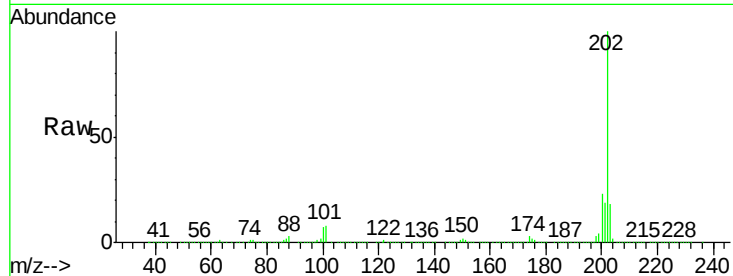
SB-01(0-0.16)MSD

Tgt Ion:202 Resp: 3120270

Ion	Ratio	Lower	Upper
202	100		
200	22.9	17.6	26.4
203	18.3	14.0	21.0

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#78

Terphenyl-d14

Concen: 62.25 ng

RT: 12.99 min Scan# 989

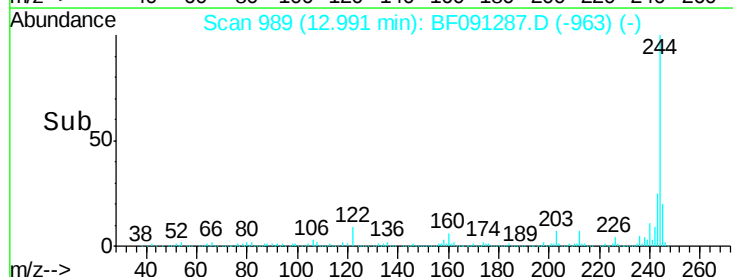
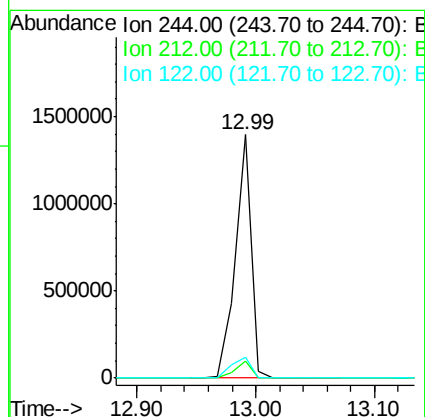
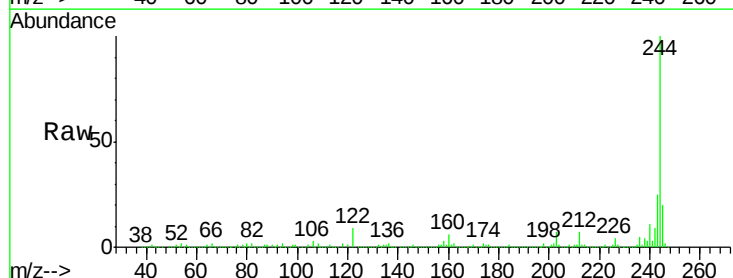
Delta R.T. -0.00 min

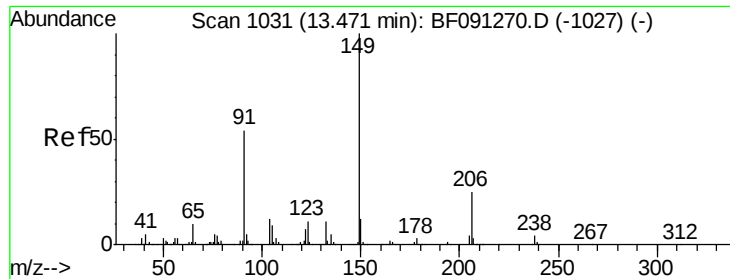
Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:244 Resp: 1287926

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	8.7	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 33.23 ng

RT: 13.47 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

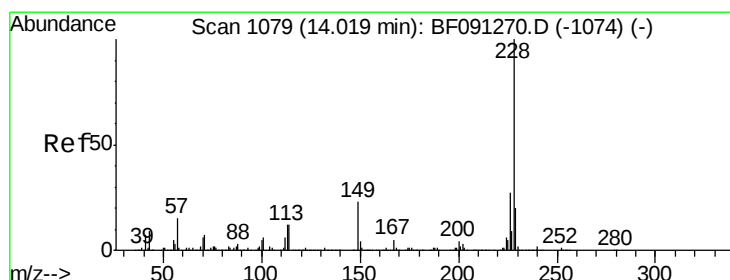
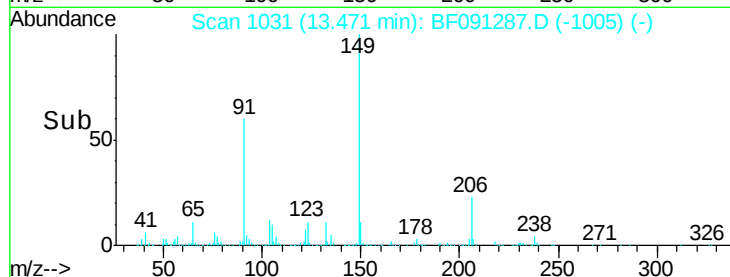
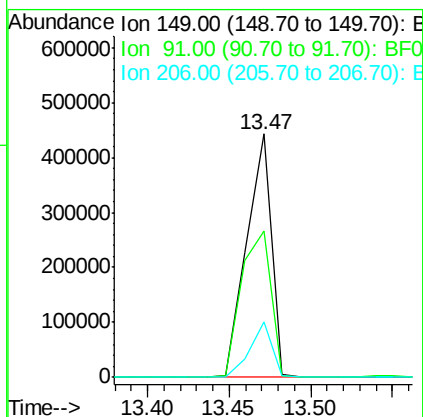
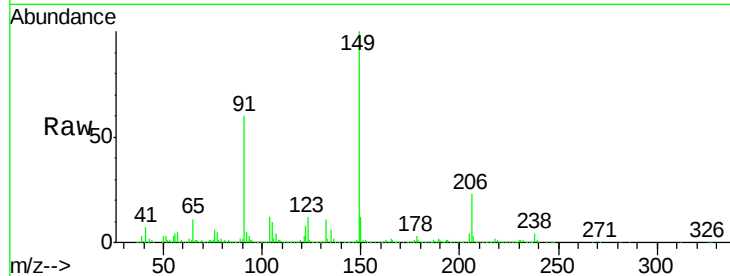
ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion:	149	Resp:	464321
Ion Ratio	Lower	Upper	
149	100		
91	59.9	57.4	86.2
206	22.6	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 66.70 ng

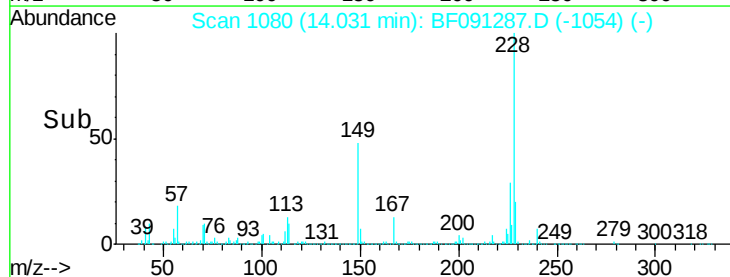
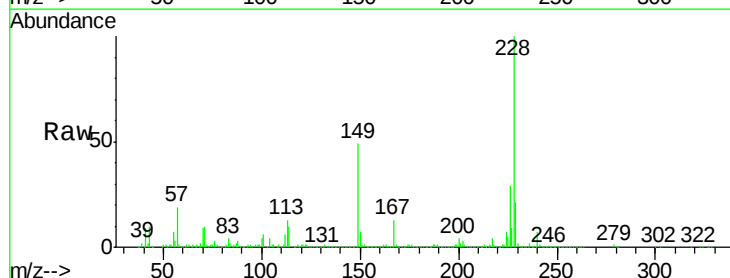
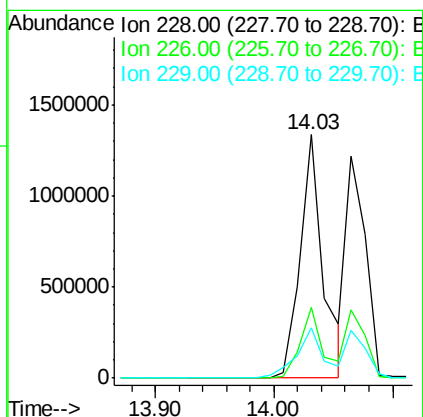
RT: 14.03 min Scan# 1080

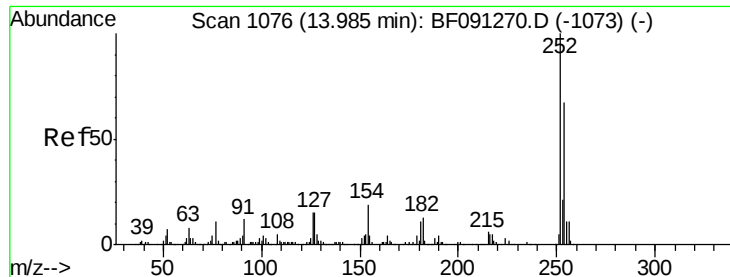
Delta R.T. -0.00 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Tgt Ion:	228	Resp:	1788694
Ion Ratio	Lower	Upper	
228	100		
226	29.3	22.5	33.7
229	20.7	16.4	24.6





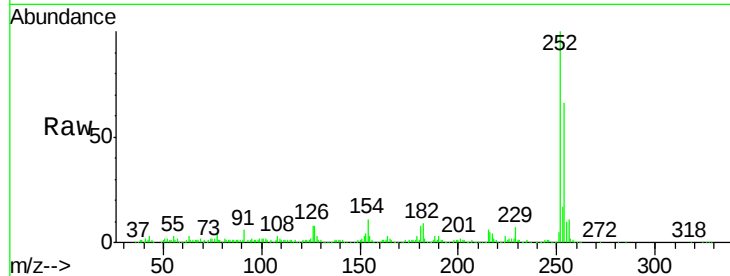
#81
 3,3'-Dichlorobenzidine
 Concen: 23.44 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

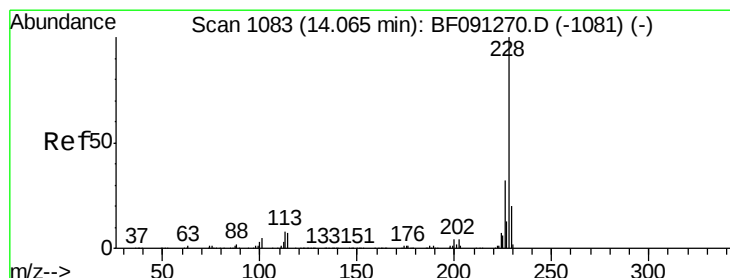
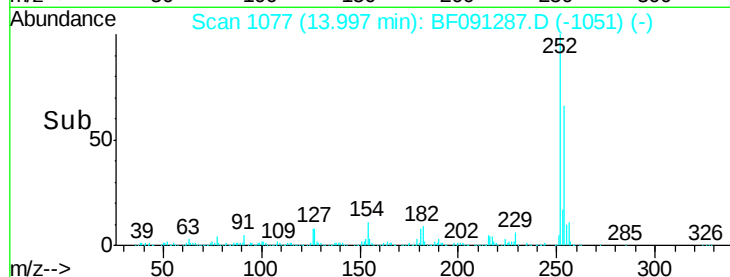
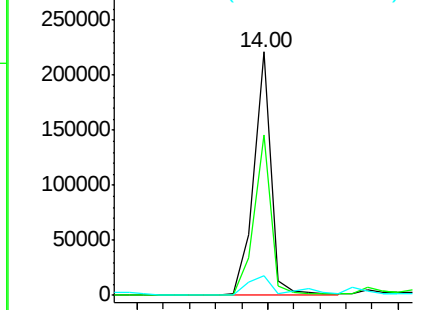
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.1	78.1
126	8.0	7.5	11.3

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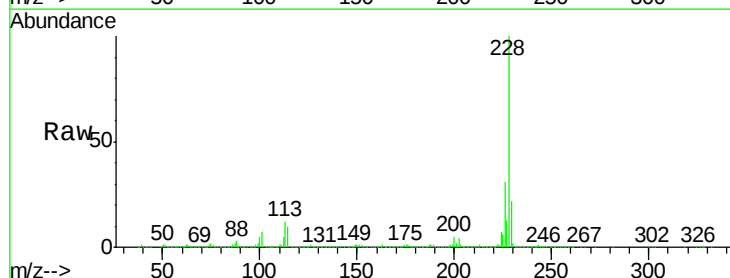


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

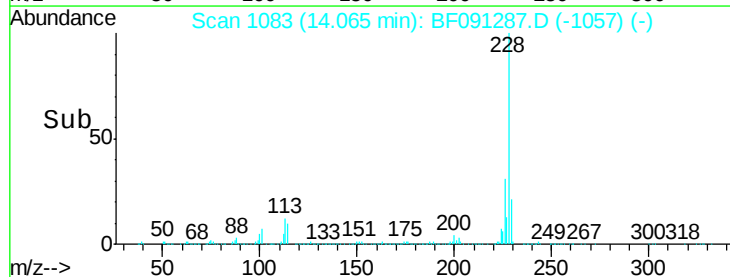
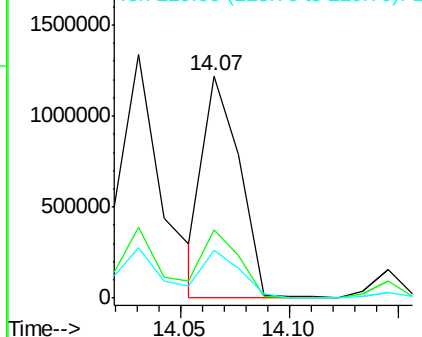


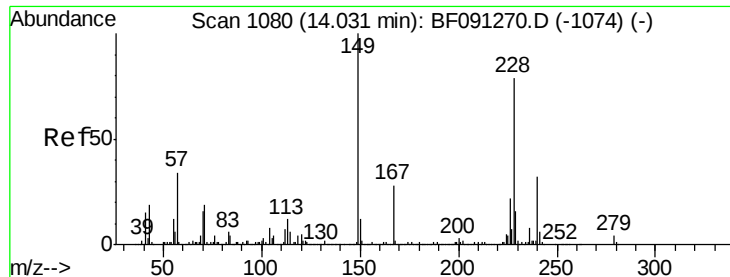
#82
 Chrysene
 Concen: 54.95 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.4
229	21.6	16.0	24.0



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





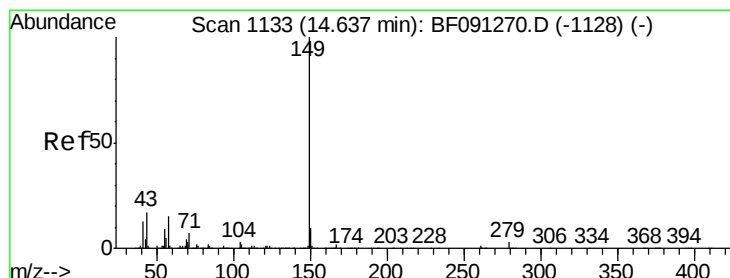
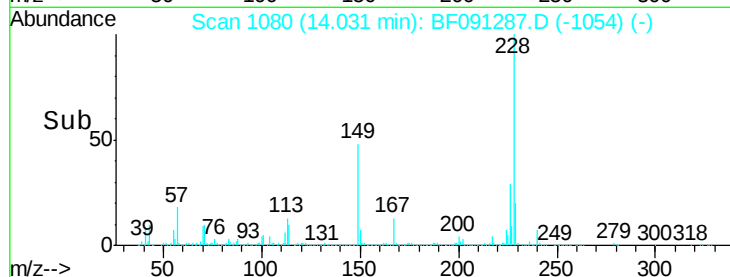
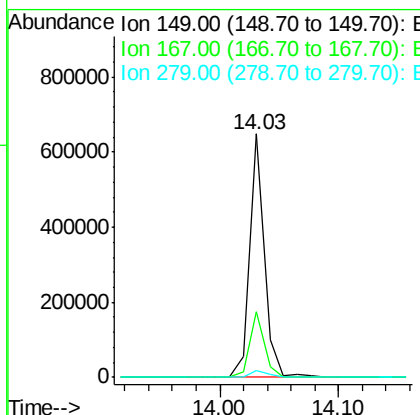
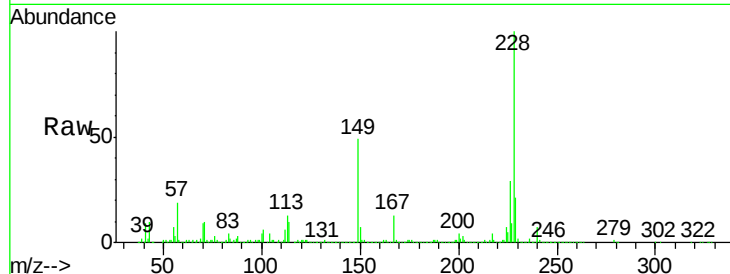
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.18 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	19.6	29.4
279	2.9	1.9	2.9

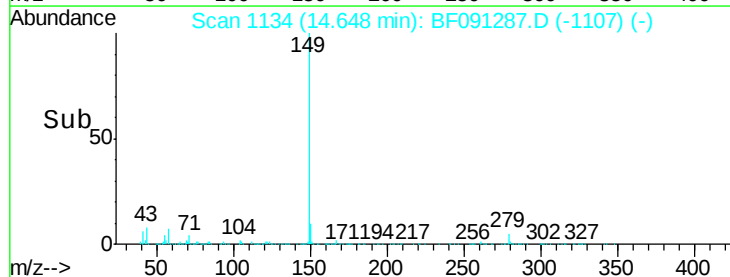
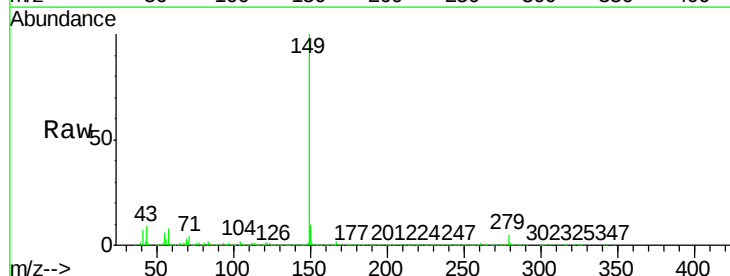
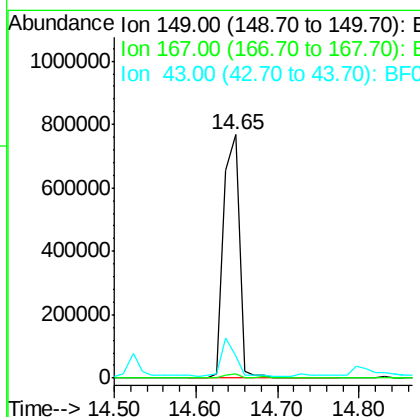
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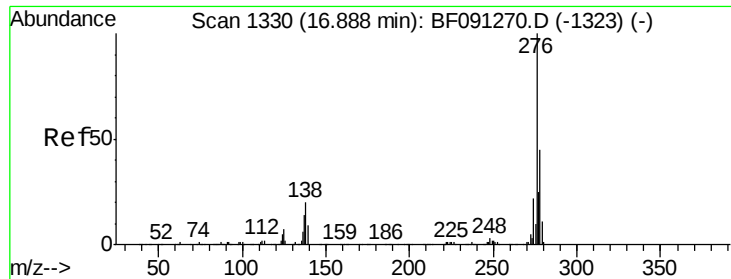
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#84
 Di-n-octyl phthalate
 Concen: 36.97 ng
 RT: 14.65 min Scan# 1134
 Delta R.T. 0.01 min
 Lab File: BF091287.D
 Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	13.1	11.9	17.9





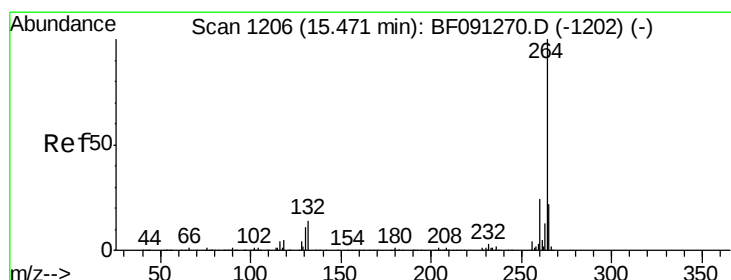
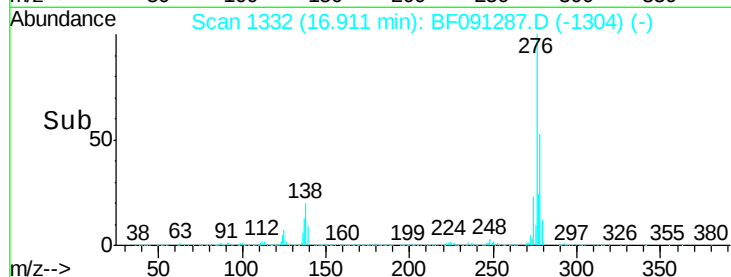
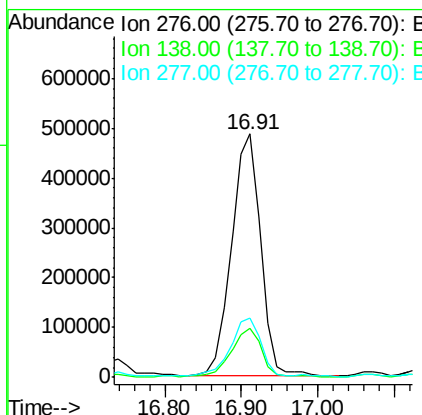
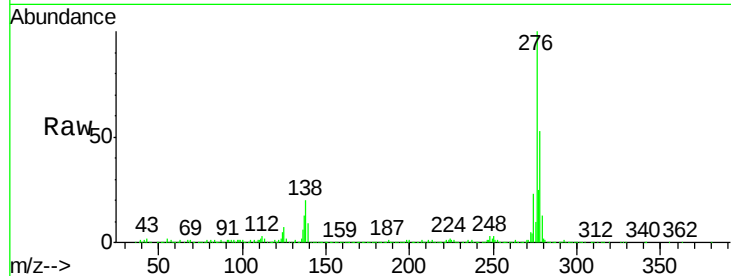
#85
Indeno(1,2,3-cd)pyrene
Concen: 59.00 ng
RT: 16.91 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.0	31.4
277	25.4	20.2	30.2

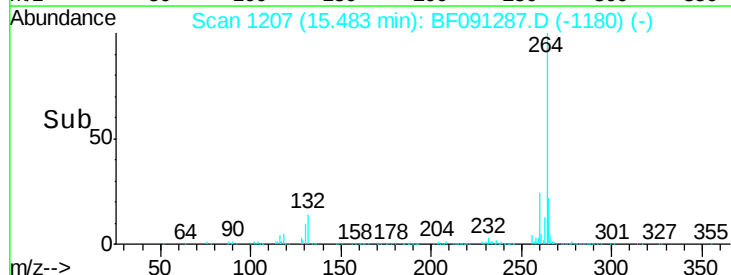
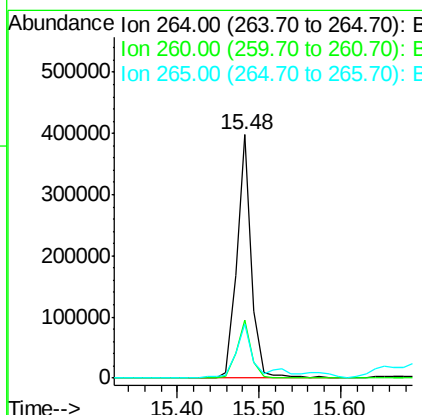
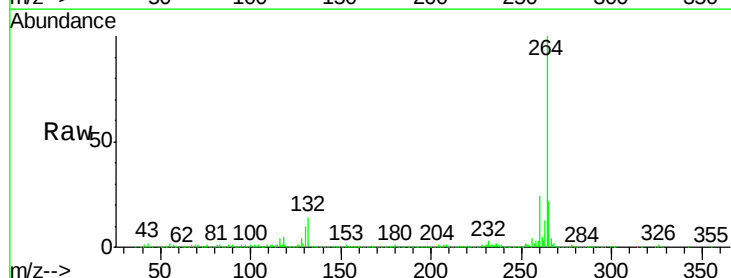
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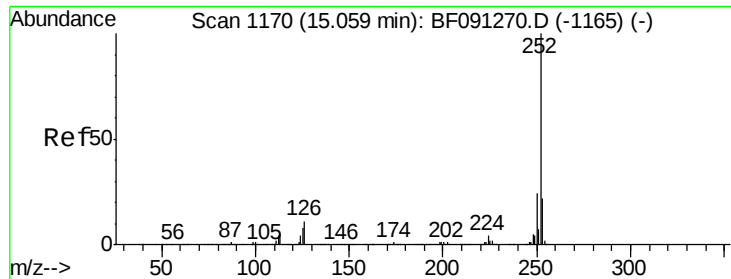
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	22.2	17.0	25.6





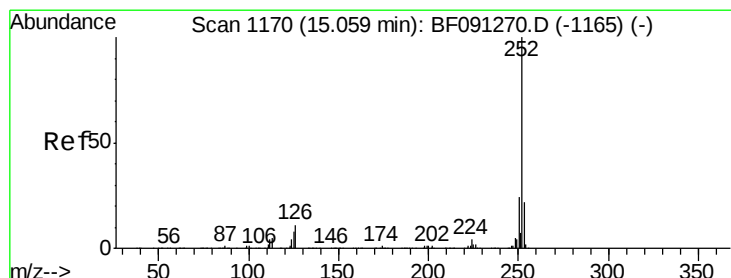
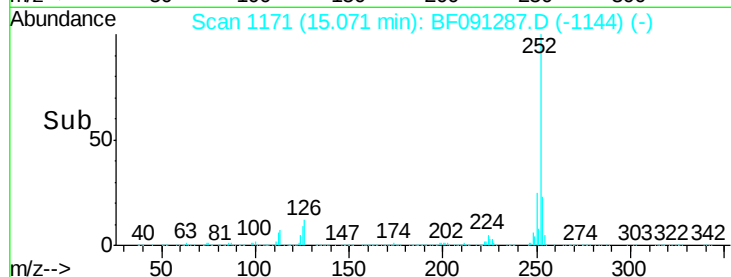
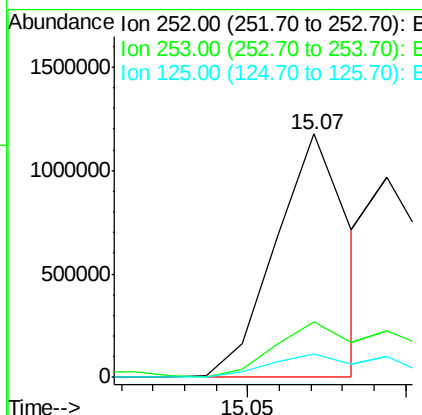
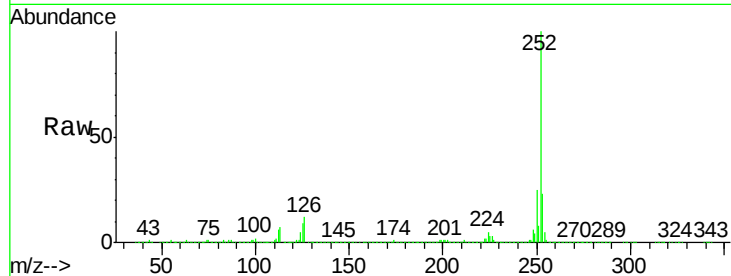
#87
Benzo(b)fluoranthene
Concen: 61.16 ng m
RT: 15.07 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion:252 Resp: 1883936
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 9.5 8.6 13.0

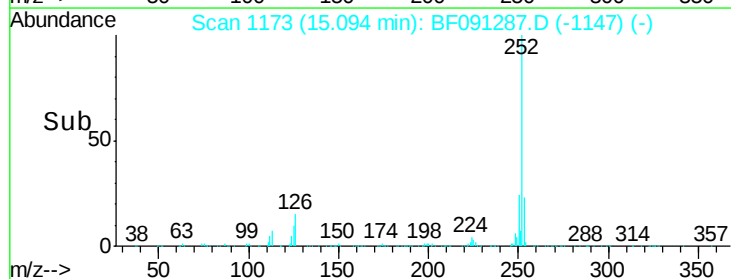
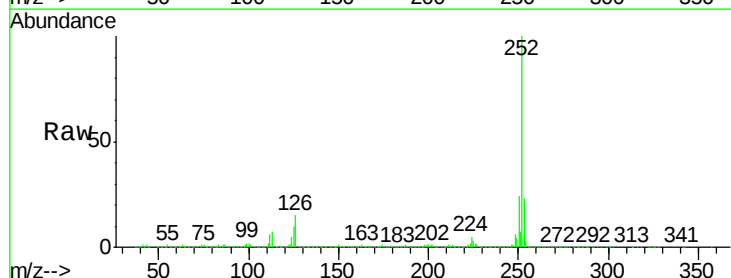
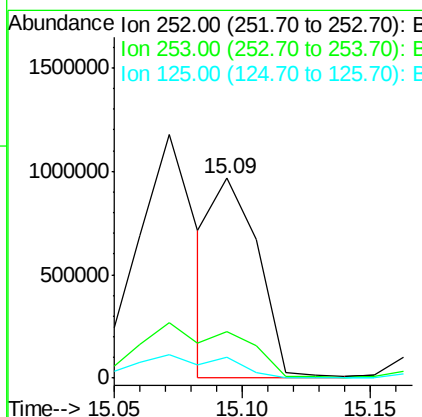
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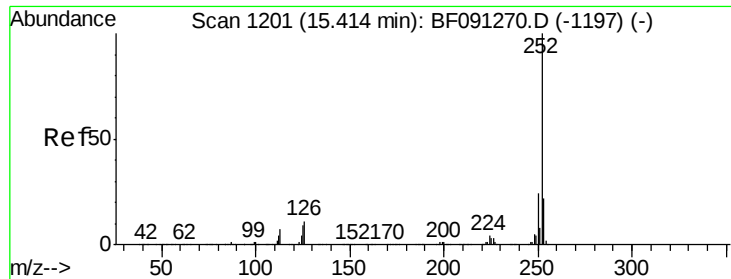
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#88
Benzo(k)fluoranthene
Concen: 45.85 ng m
RT: 15.09 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:252 Resp: 1153560
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 10.5 9.6 14.4





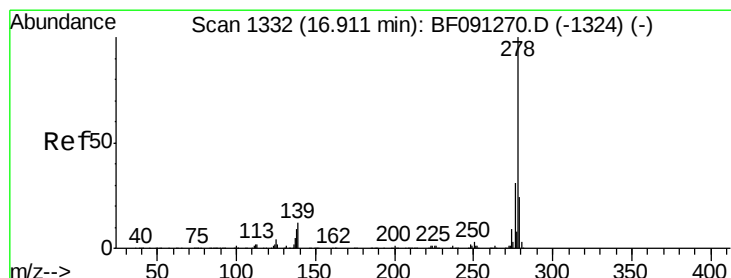
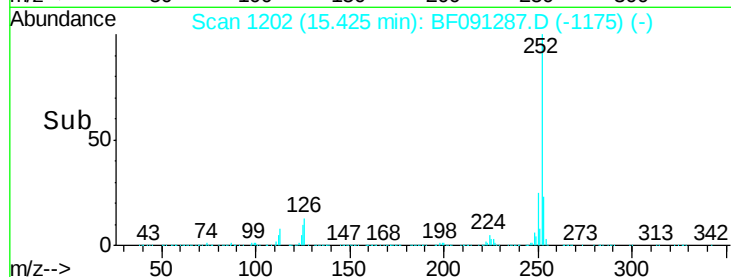
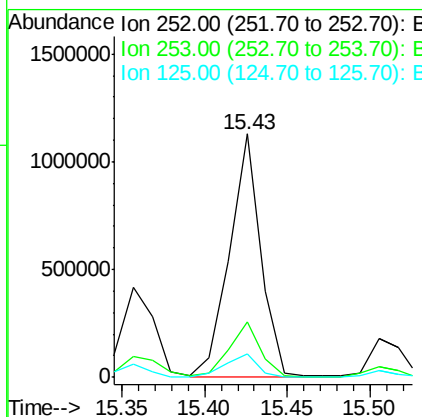
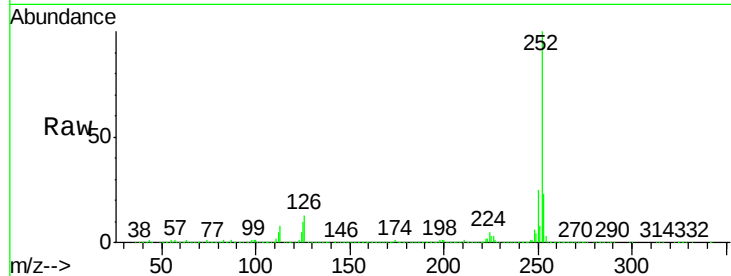
#89
Benzo(a)pyrene
Concen: 57.02 ng m
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MSD

Tgt Ion:252 Resp: 1494069
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 9.8 10.4 15.6#

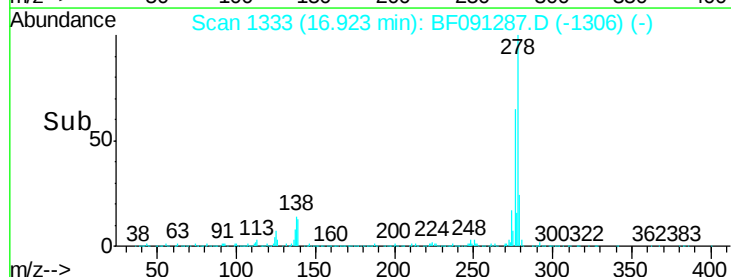
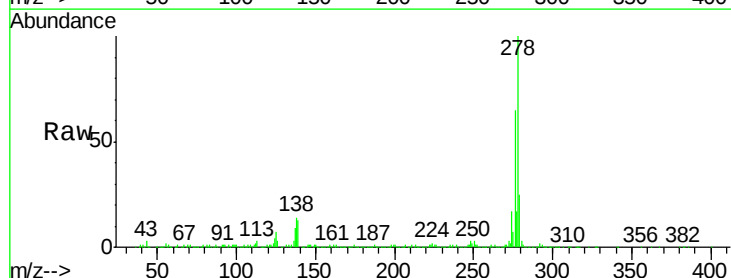
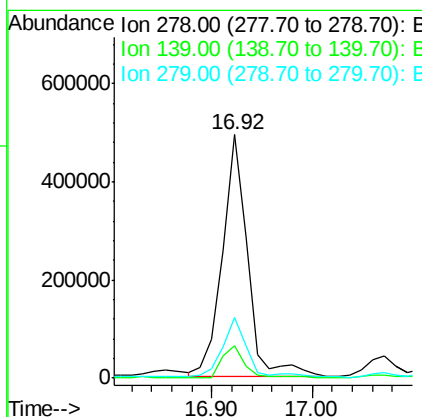
Manual Integrations
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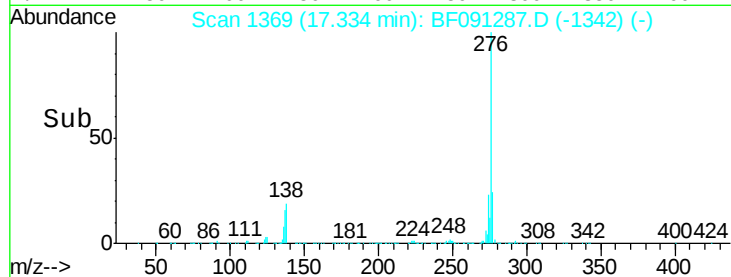
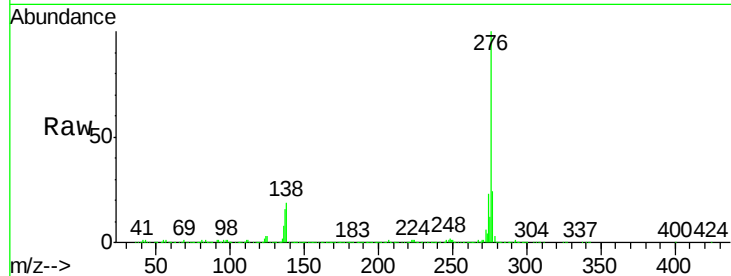
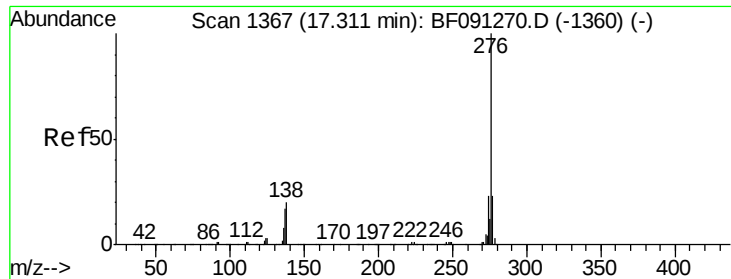
sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.39 ng
RT: 16.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF091287.D
Acq: 23 Nov 2016 20:58

Tgt Ion:278 Resp: 856273
Ion Ratio Lower Upper
278 100
139 13.2 15.1 22.7#
279 25.0 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 45.29 ng

RT: 17.33 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF091287.D

Acq: 23 Nov 2016 20:58

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MSD

Tgt Ion: 276 Resp: 1086824

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 19.2 15.4 23.0

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