

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
 Data File : BF091396.D
 Acq On : 2 Dec 2016 18:29
 Operator : UM/SJ
 Sample : H5819-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Manual Integrations
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 12/5/2016 11:20:55 AM

Quant Time: Dec 02 23:05:01 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	184407	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	781100	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	447167	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	790533	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	614355	20.00	ng	-0.02
86) Perylene-d12	15.44	264	511376	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1113171	98.61	ng	0.00
7) Phenol-d6	6.49	99	1347136	96.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	939445	67.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	427091	100.89	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1574116	63.74	ng	-0.02
78) Terphenyl-d14	12.97	244	1900132	67.22	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	124809	24.44	ng	# 84
3) Pyridine	3.21	79	371178	25.68	ng	# 83
4) n-Nitrosodimethylamine	3.16	42	252608	33.31	ng	100
6) Aniline	6.52	93	490090	26.55	ng	# 77
8) 2-Chlorophenol	6.64	128	389539	31.47	ng	# 80
9) Benzaldehyde	6.40	77	115893	12.97	ng	86
10) Phenol	6.50	94	596044	36.45	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	366677	31.39	ng	97
12) 1,3-Dichlorobenzene	6.80	146	437419	31.77	ng	100
13) 1,4-Dichlorobenzene	6.88	146	436419	31.87	ng	98
14) 1,2-Dichlorobenzene	7.03	146	401613	31.49	ng	98
15) Benzyl Alcohol	7.00	79	387412	34.84	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	801382	31.90	ng	72
17) 2-Methylphenol	7.11	107	334087	34.15	ng	# 75
18) Hexachloroethane	7.37	117	148521	30.54	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	322761	36.87	ng	# 89
20) 3+4-Methylphenols	7.27	107	424981	35.58	ng	# 66
22) Acetophenone	7.27	105	543563	29.36	ng	# 77
24) Nitrobenzene	7.44	77	432279	30.29	ng	91
25) Isophorone	7.68	82	806033	32.64	ng	99
26) 2-Nitrophenol	7.76	139	228214	35.09	ng	88
27) 2,4-Dimethylphenol	7.80	122	374814	30.81	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	540521	36.37	ng	100
29) 2,4-Dichlorophenol	8.00	162	363855	34.00	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	381415	31.79	ng	96
31) Naphthalene	8.17	128	1158063	31.20	ng	99
32) Benzoic acid	7.88	122	65517	7.31	ng	95
33) 4-Chloroaniline	8.22	127	323463	20.38	ng	94
34) Hexachlorobutadiene	8.29	225	213168	28.89	ng	97
35) Caprolactam	8.58	113	120234m	39.09	ng	
36) 4-Chloro-3-methylphenol	8.70	107	386117	33.42	ng	98
37) 2-Methylnaphthalene	8.86	142	787719	31.23	ng	94
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	408907	32.44	ng	98
40) Hexachlorocyclopentadiene	9.02	237	424404	72.63	ng	99

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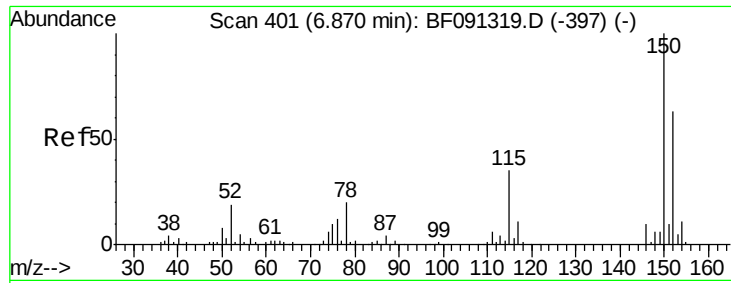
Manual Integrations
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 12/5/2016 11:20:55 AM

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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	272163	33.22	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	275463	33.55	ng	93
45) 1,1'-Biphenyl	9.33	154	1087879	33.83	ng	95
46) 2-Chloronaphthalene	9.35	162	806945	33.70	ng	96
47) 2-Nitroaniline	9.44	65	315981	36.74	ng	# 84
48) Acenaphthylene	9.76	152	1142481	30.31	ng	99
49) Dimethylphthalate	9.62	163	1035644	38.25	ng	97
50) 2,6-Dinitrotoluene	9.68	165	206264	34.08	ng	94
51) Acenaphthene	9.93	154	822792	32.36	ng	96
52) 3-Nitroaniline	9.85	138	190909	27.25	ng	96
53) 2,4-Dinitrophenol	9.96	184	193618m	73.16	ng	
54) Dibenzofuran	10.10	168	1039797	30.54	ng	99
55) 4-Nitrophenol	10.01	139	314339	62.13	ng	95
56) 2,4-Dinitrotoluene	10.09	165	302962	38.59	ng	88
57) Fluorene	10.45	166	826591	31.63	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	235558	33.60	ng	98
59) Diethylphthalate	10.33	149	960261	35.93	ng	# 94
60) 4-Chlorophenyl-phenylether	10.45	204	415528	31.70	ng	97
61) 4-Nitroaniline	10.47	138	243372	37.00	ng	94
62) Azobenzene	10.61	77	1020265	37.41	ng	97
64) 4,6-Dinitro-2-methylphenol	10.49	198	156740	35.99	ng	# 75
65) n-Nitrosodiphenylamine	10.56	169	766059	31.96	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	275727	32.45	ng	95
67) Hexachlorobenzene	11.00	284	279832	30.48	ng	# 84
68) Atrazine	11.09	200	220979	28.47	ng	98
69) Pentachlorophenol	11.19	266	371487	68.73	ng	96
70) Phenanthrene	11.41	178	1225024	29.82	ng	100
71) Anthracene	11.46	178	1438237	35.28	ng	98
72) Carbazole	11.61	167	1247651	33.73	ng	99
73) Di-n-butylphthalate	11.96	149	1429754	34.10	ng	# 98
74) Fluoranthene	12.60	202	1526497	39.23	ng	97
76) Benzidine	12.71	184	569241	31.56	ng	98
77) Pyrene	12.83	202	1543329	33.10	ng	99
79) Butylbenzylphthalate	13.44	149	594190	34.03	ng	92
80) Benzo(a)anthracene	14.00	228	1160373	32.30	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	277791	21.95	ng	# 96
82) Chrysene	14.05	228	1199697	33.75	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	787442	35.58	ng	# 91
84) Di-n-octyl phthalate	14.62	149	1313994	39.24	ng	98
85) Indeno(1,2,3-cd)pyrene	16.85	276	978428	30.05	ng	95
87) Benzo(b)fluoranthene	15.04	252	1138430m	35.82	ng	
88) Benzo(k)fluoranthene	15.07	252	809711m	30.29	ng	
89) Benzo(a)pyrene	15.39	252	911948	31.95	ng	97
90) Dibenzo(a,h)anthracene	16.87	278	806016	30.53	ng	# 94
91) Benzo(g,h,i)perylene	17.27	276	818406	30.06	ng	99

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



#1

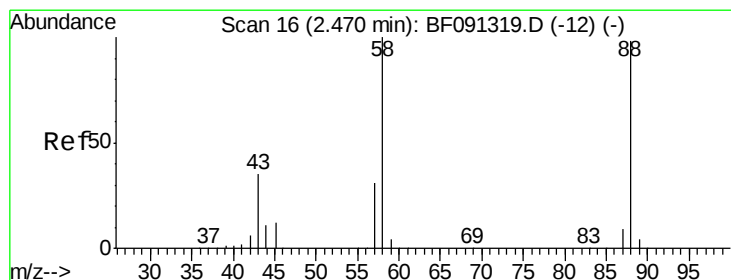
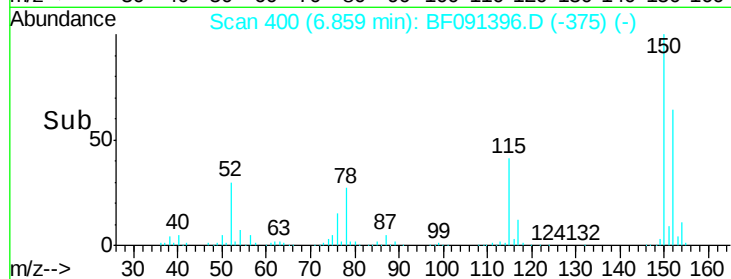
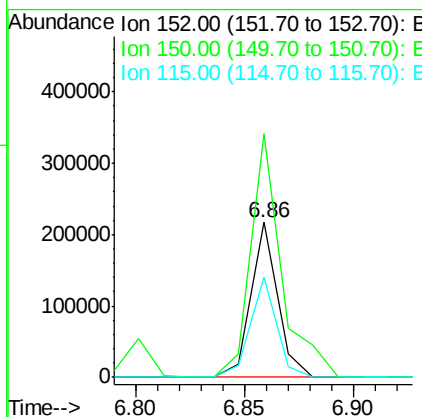
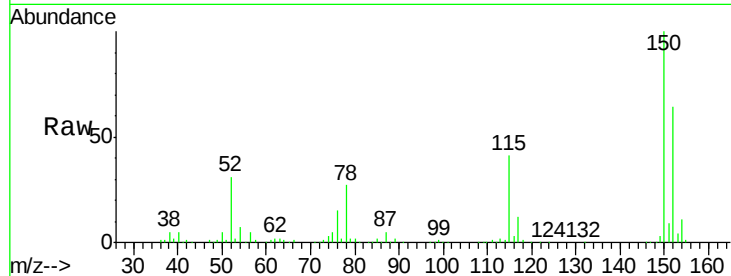
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.5	183.7
115	64.5	51.8	77.8

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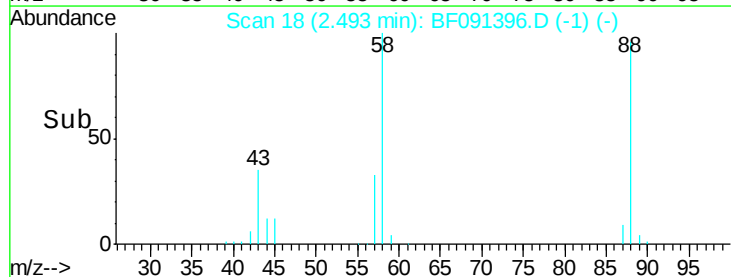
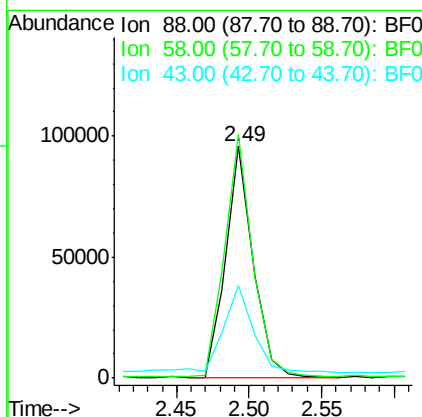
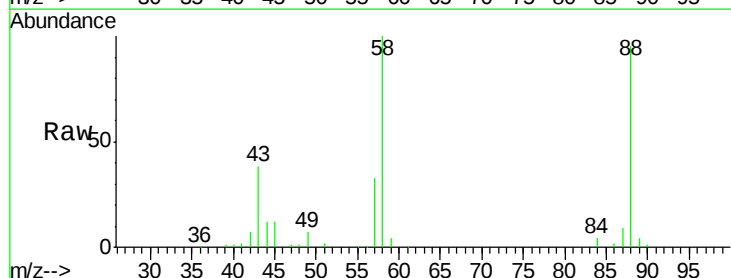
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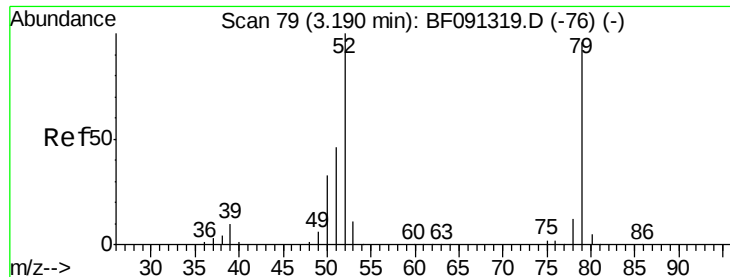


#2

1,4-Dioxane
Concen: 24.44 ng
RT: 2.49 min Scan# 18
Delta R.T. -0.01 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.3	70.3	105.5#
43	42.0	31.3	46.9





#3

Pyridine

Concen: 25.68 ng

RT: 3.21 min Scan# 81

Delta R.T. -0.01 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion: 79 Resp: 371178

Ion Ratio Lower Upper

79 100

52 108.3 71.0 106.4#

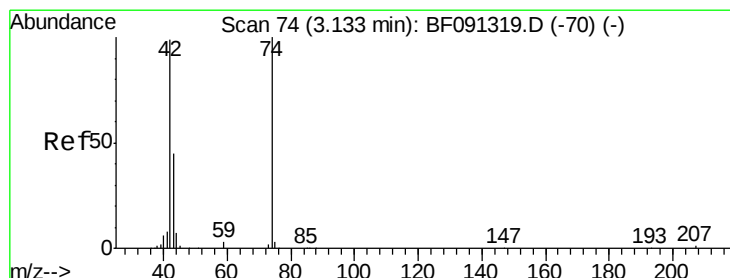
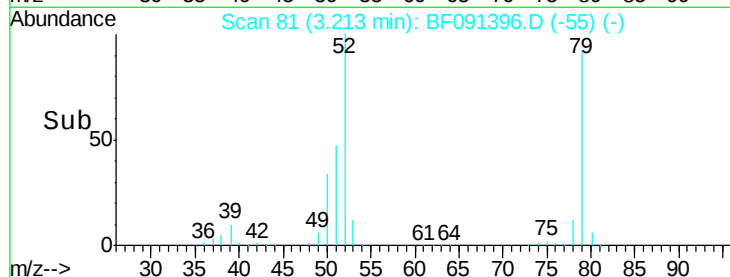
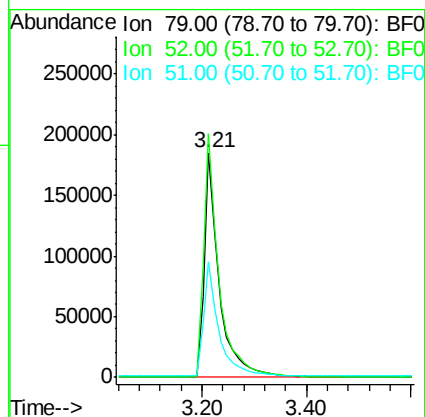
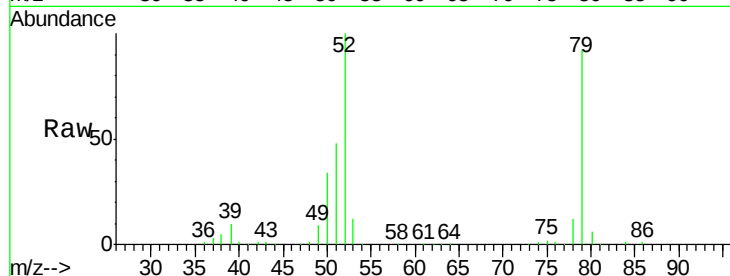
51 51.6 37.0 55.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 33.31 ng

RT: 3.16 min Scan# 76

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

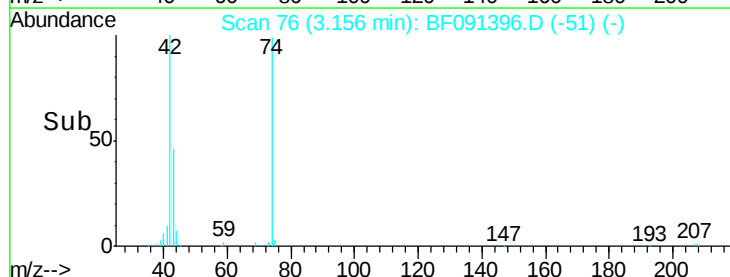
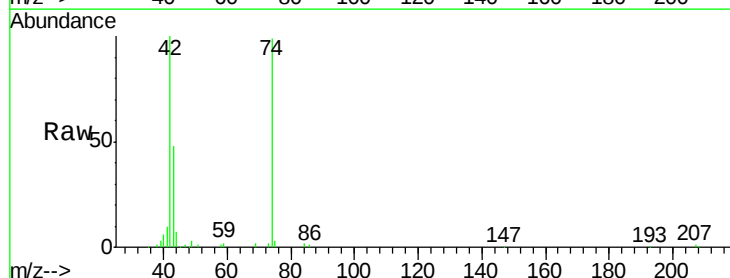
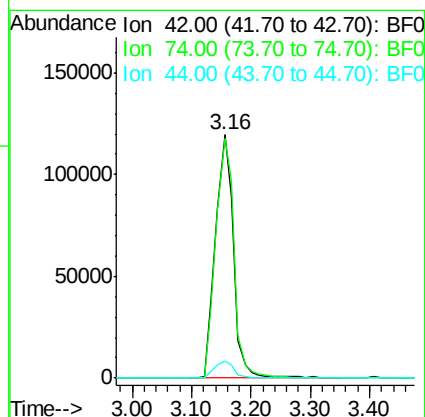
Tgt Ion: 42 Resp: 252608

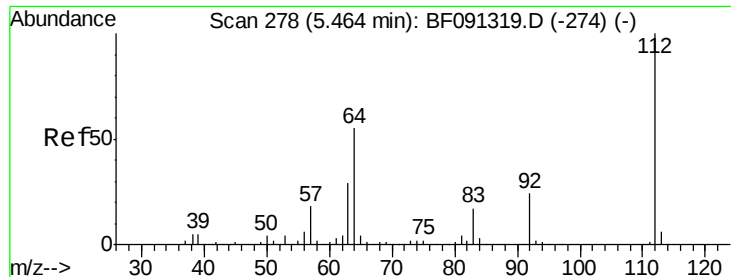
Ion Ratio Lower Upper

42 100

74 98.5 78.9 118.3

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 98.61 ng

RT: 5.46 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

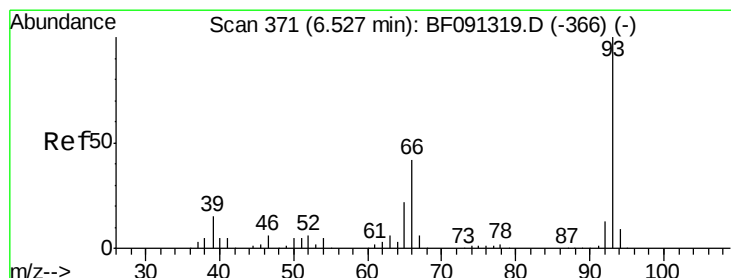
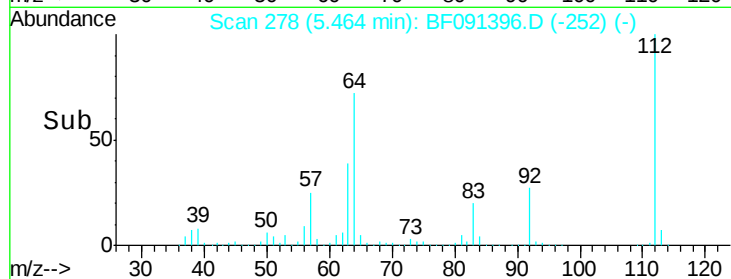
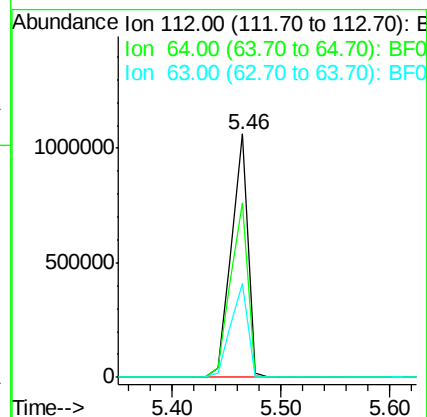
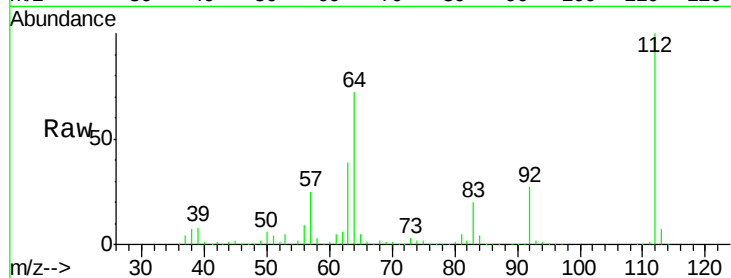
ClientSampleId :

113016-02MS

Tgt Ion:	112	Resp:	1113171
Ion Ratio	Lower	Upper	
112	100		
64	71.8	61.5	92.3
63	38.7	33.3	49.9

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#6

Aniline

Concen: 26.55 ng

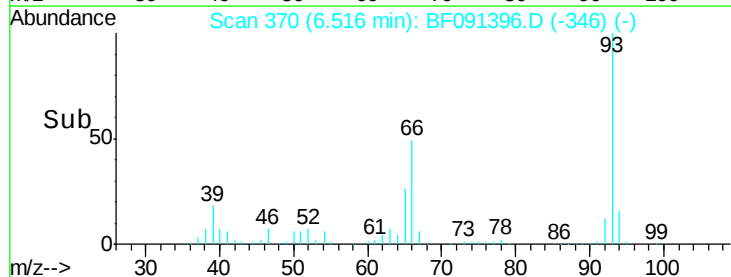
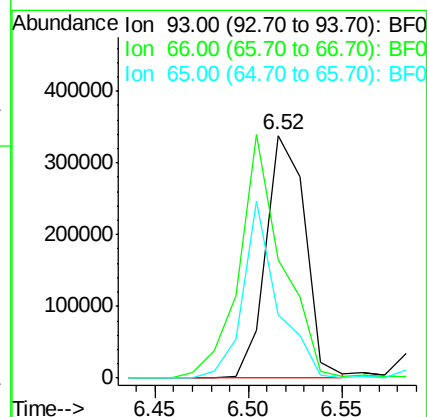
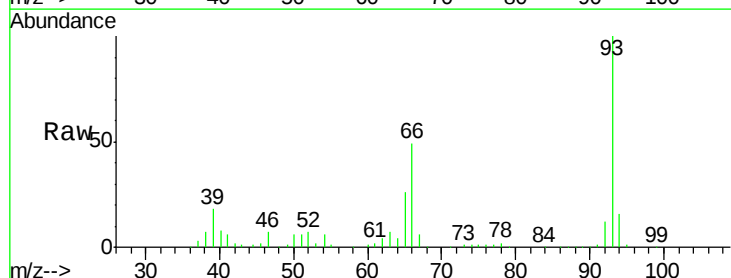
RT: 6.52 min Scan# 370

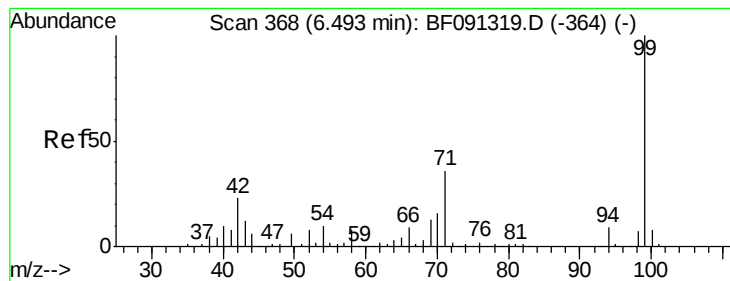
Delta R.T. -0.03 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	93	Resp:	490090
Ion Ratio	Lower	Upper	
93	100		
66	48.7	55.8	83.6#
65	26.0	29.9	44.9#





#7

Phenol-d6

Concen: 96.95 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion: 99 Resp: 1347136

Ion Ratio Lower Upper

99 100

42 24.1 20.6 31.0

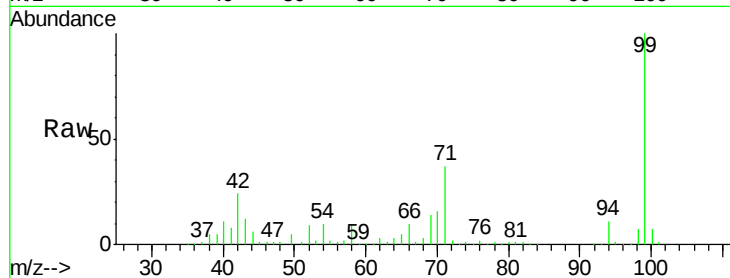
71 37.3 29.9 44.9

Manual Integrations

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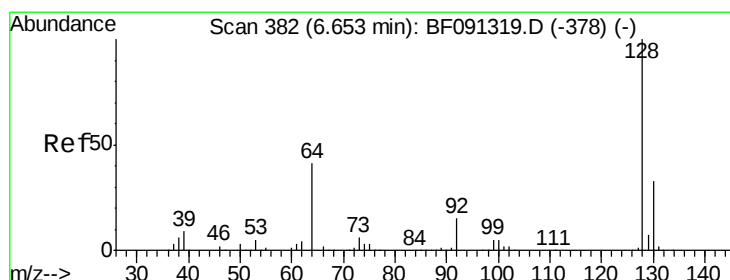
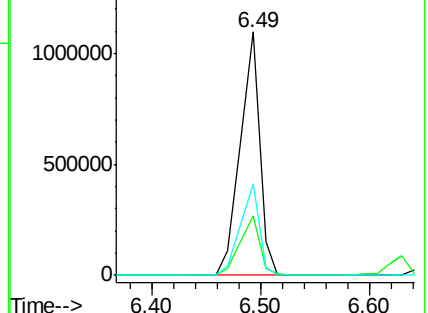
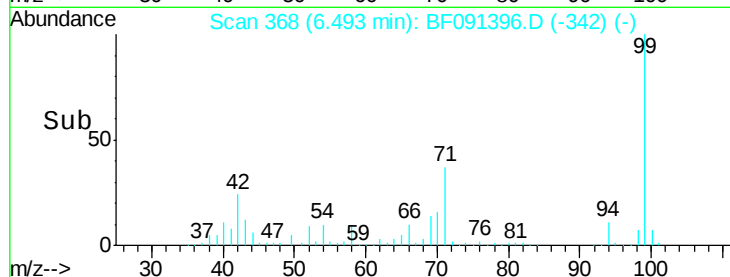
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.47 ng

RT: 6.64 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

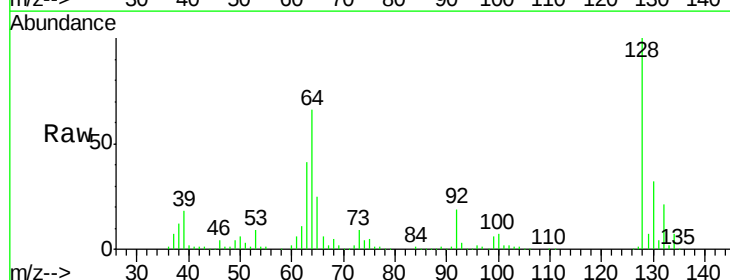
Tgt Ion: 128 Resp: 389539

Ion Ratio Lower Upper

128 100

130 31.8 13.1 53.1

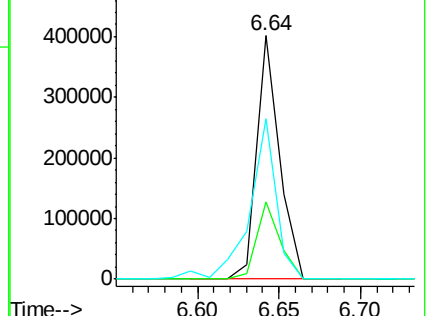
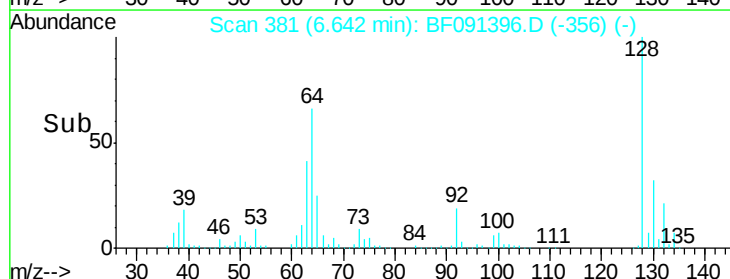
64 65.9 24.1 64.1#

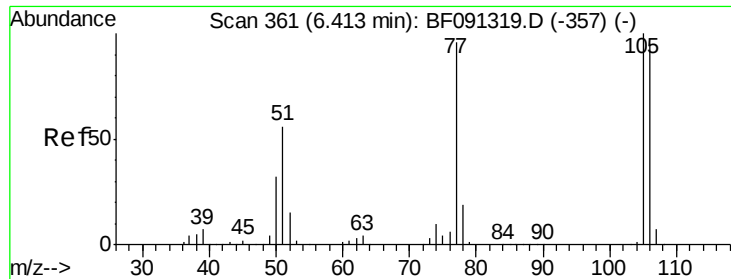


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.97 ng

RT: 6.40 min Scan# 360

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion: 77 Resp: 115893

Ion Ratio Lower Upper

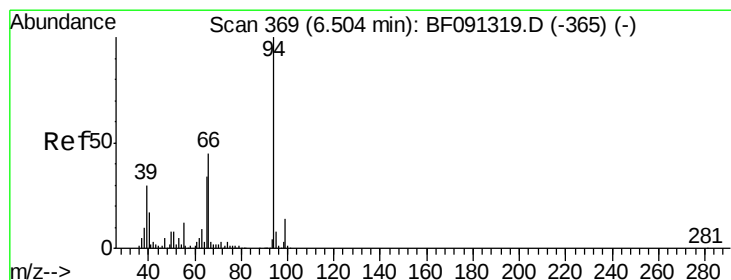
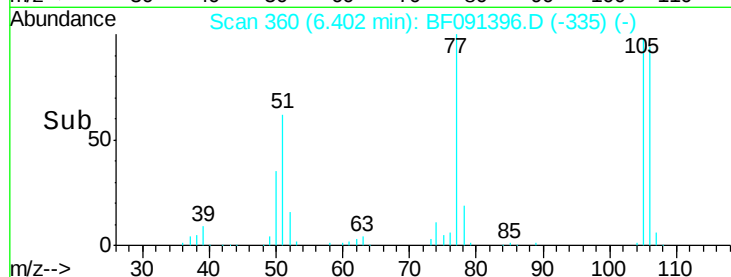
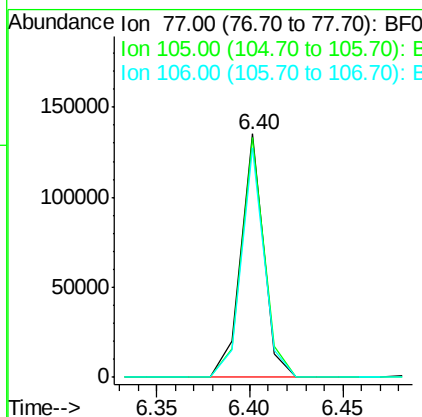
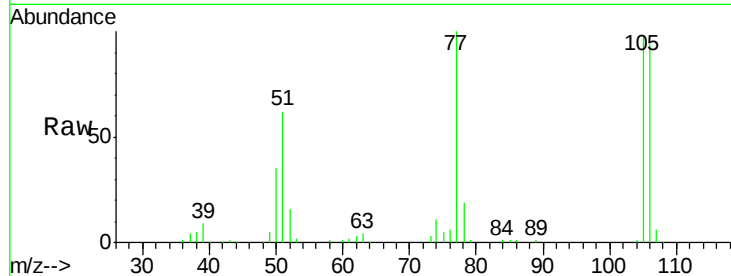
77 100

105 98.3 66.4 106.4

106 94.2 60.9 100.9

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#10

Phenol

Concen: 36.45 ng

RT: 6.50 min Scan# 369

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

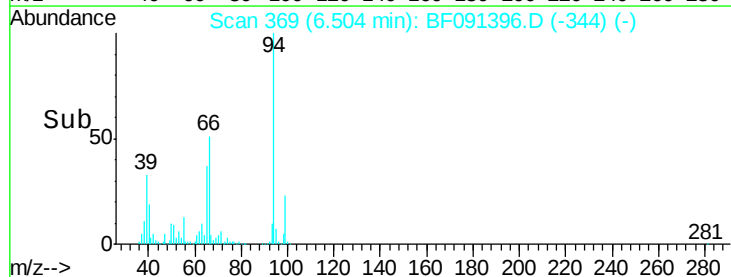
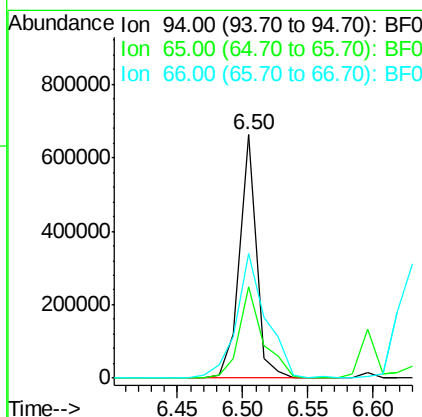
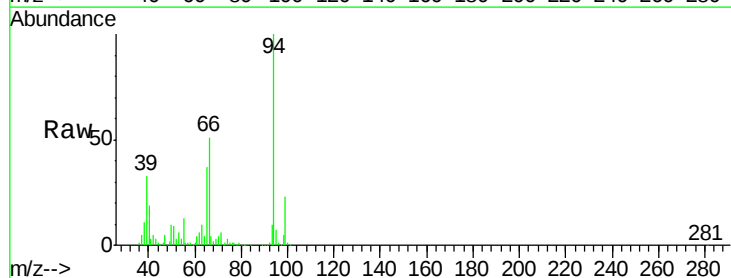
Tgt Ion: 94 Resp: 596044

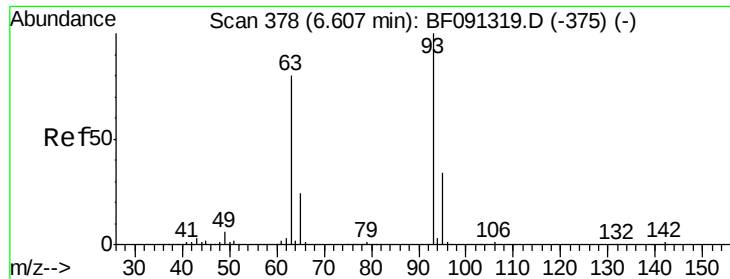
Ion Ratio Lower Upper

94 100

65 37.4 16.9 56.9

66 51.2 30.6 70.6





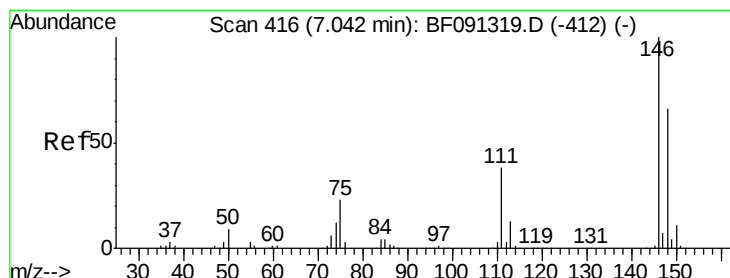
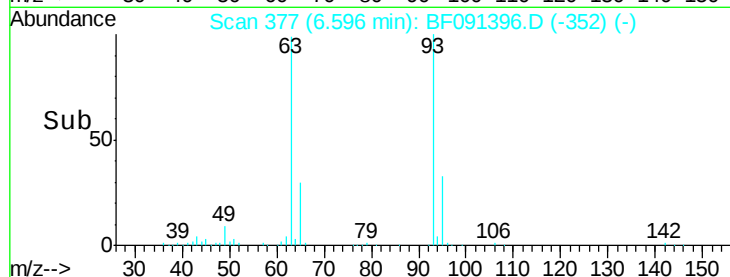
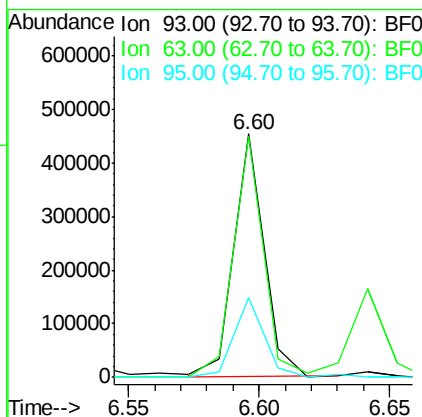
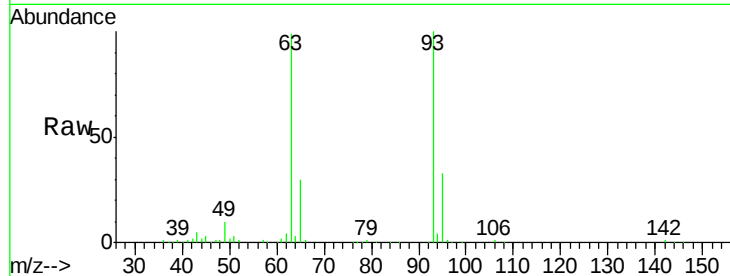
#11
bis(2-Chloroethyl)ether
Concen: 31.39 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	99.2	74.8	114.8
95	32.6	12.4	52.4

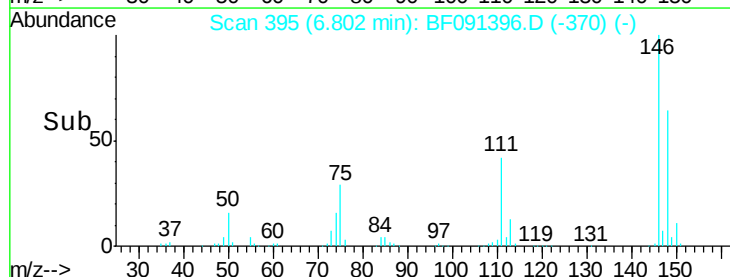
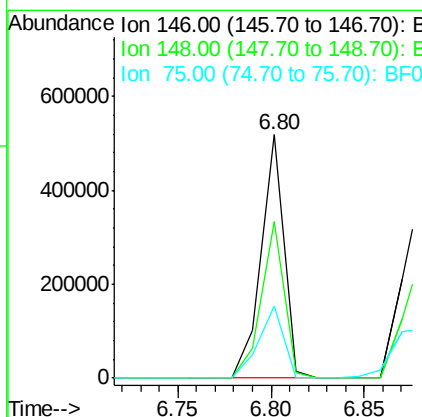
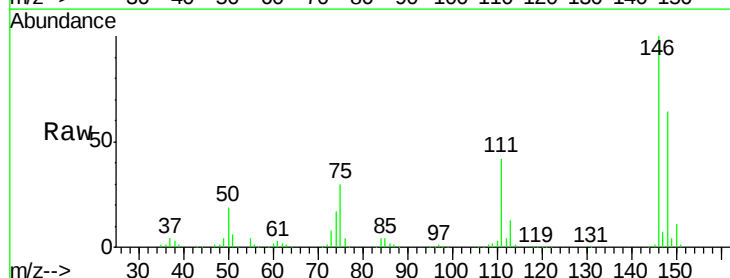
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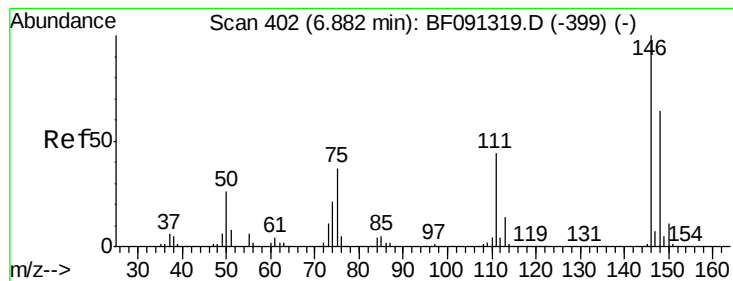
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#12
1,3-Dichlorobenzene
Concen: 31.77 ng
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.0
75	29.7	23.6	35.4





#13

1,4-Dichlorobenzene

Concen: 31.87 ng

RT: 6.88 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

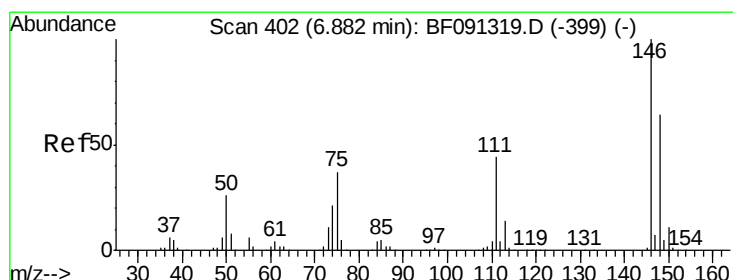
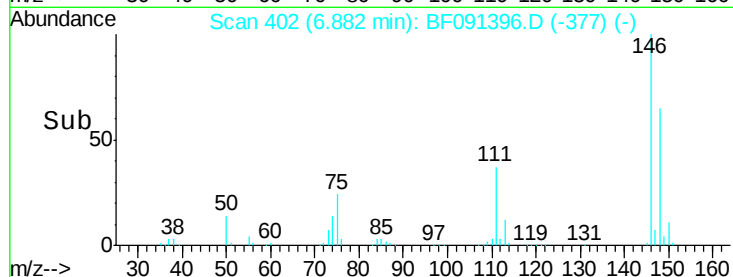
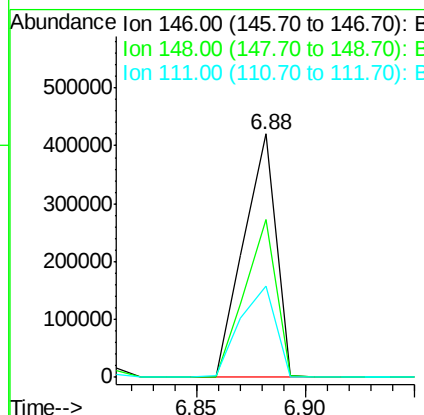
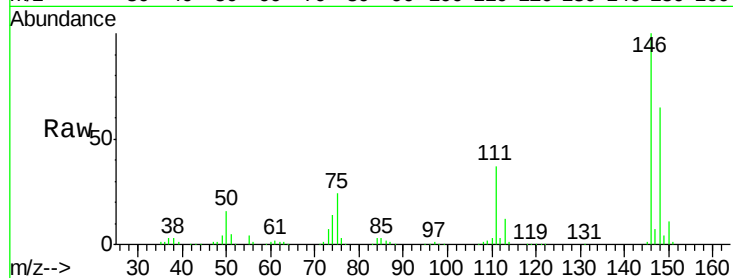
ClientSampled :

113016-02MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.0
111	37.2	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 31.49 ng

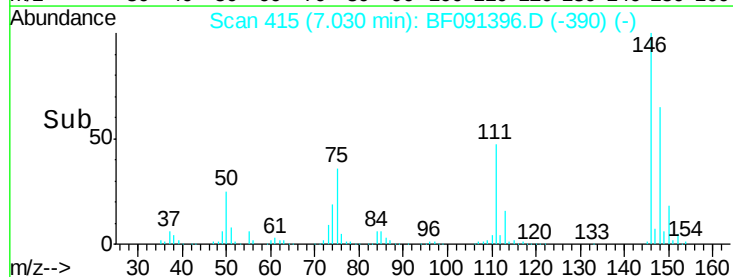
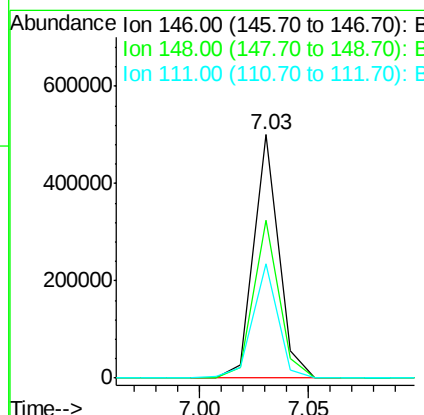
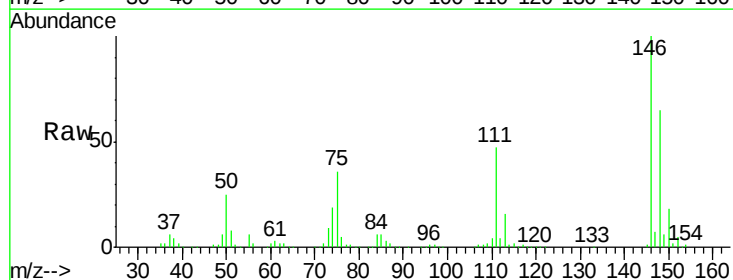
RT: 7.03 min Scan# 415

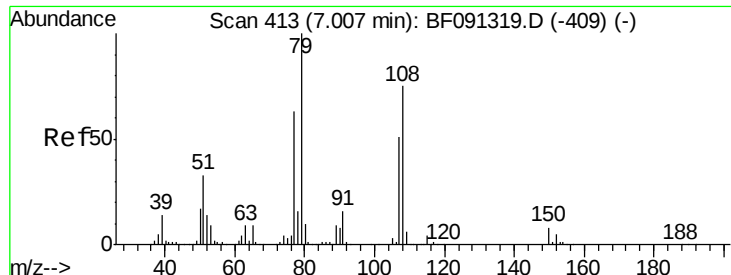
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	47.0	38.9	58.3





#15

Benzyl Alcohol

Concen: 34.84 ng

RT: 7.00 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

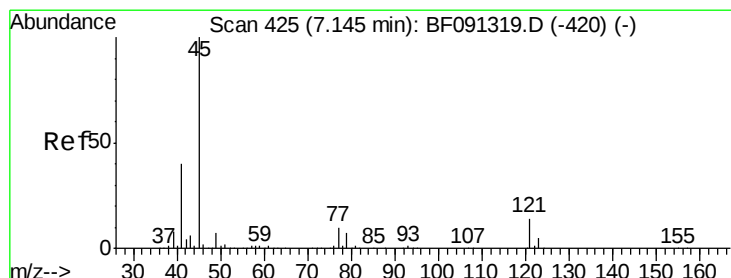
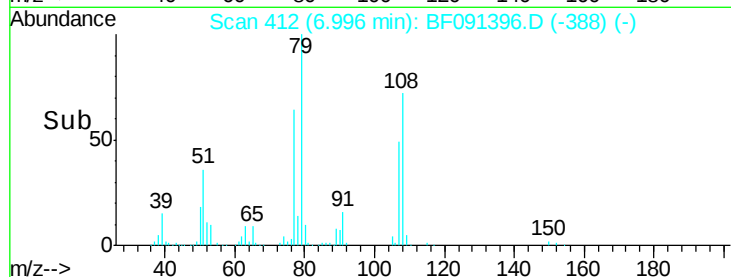
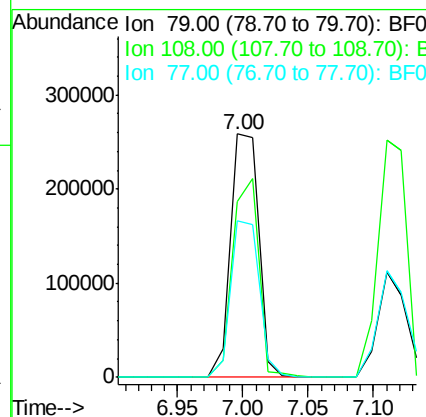
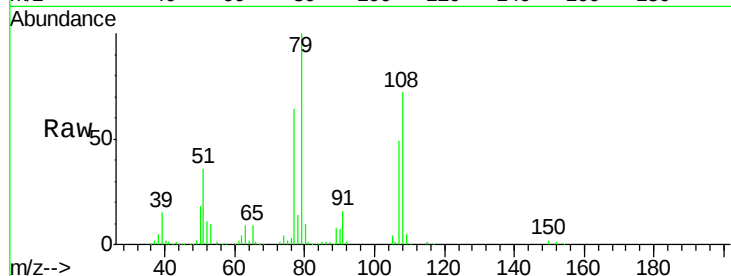
ClientSampleId :

113016-02MS

Tgt Ion:	79	Resp:	387412
Ion Ratio	Lower	Upper	
79	100		
108	72.1	62.7	94.1
77	64.1	51.7	77.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.90 ng

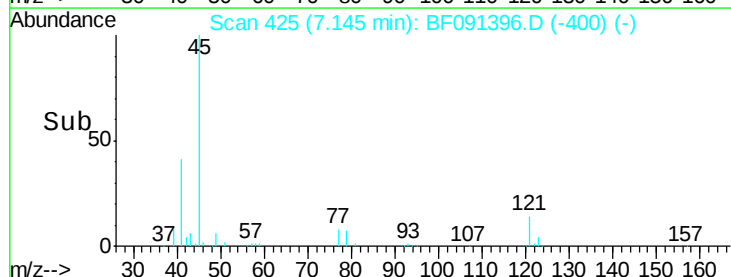
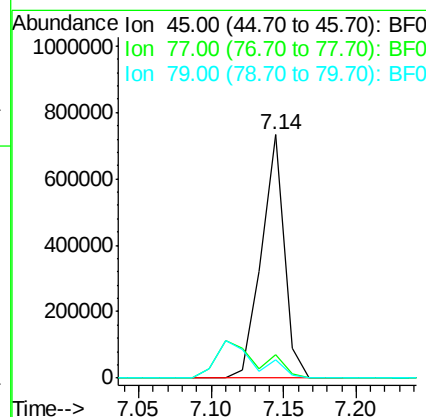
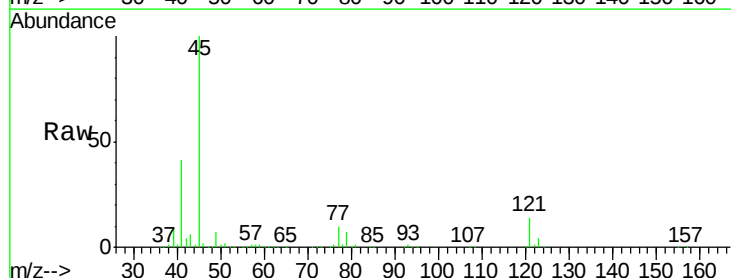
RT: 7.14 min Scan# 425

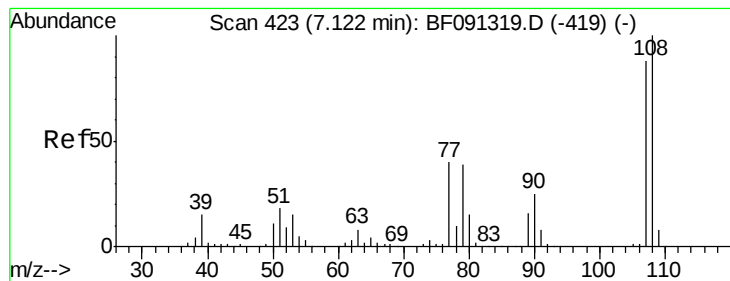
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	45	Resp:	801382
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.4	0.2	40.2





#17

2-Methylphenol

Concen: 34.15 ng

RT: 7.11 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion:107 Resp: 334087
Ion Ratio Lower Upper

107 100

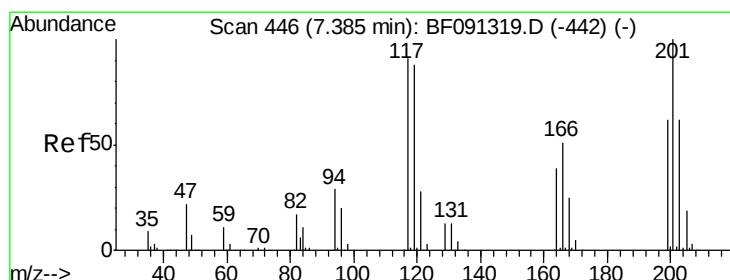
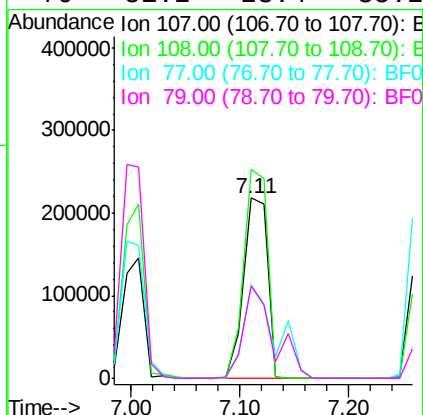
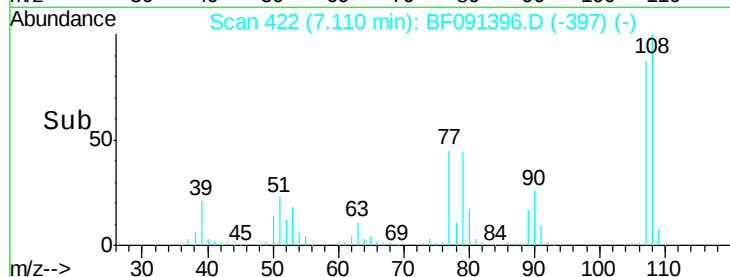
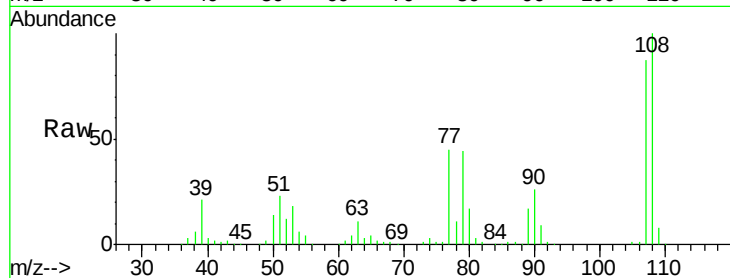
108 115.4 67.7 101.5#

77 51.9 40.7 61.1

79 51.2 23.4 35.2#

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#18

Hexachloroethane

Concen: 30.54 ng

RT: 7.37 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF091396.D

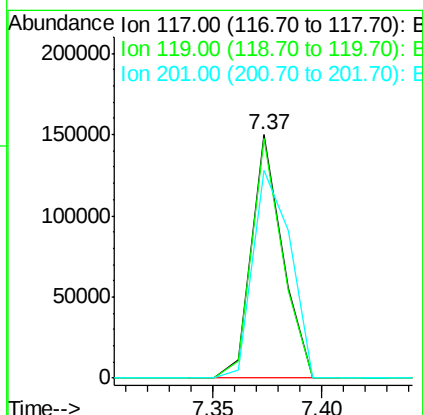
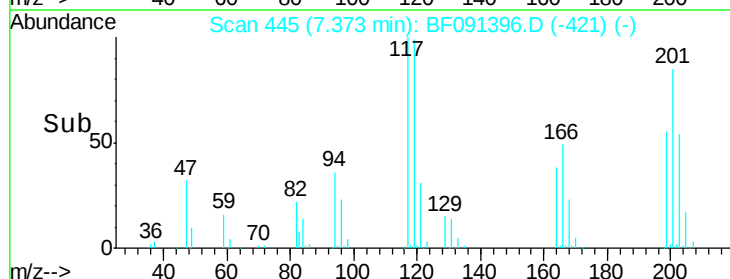
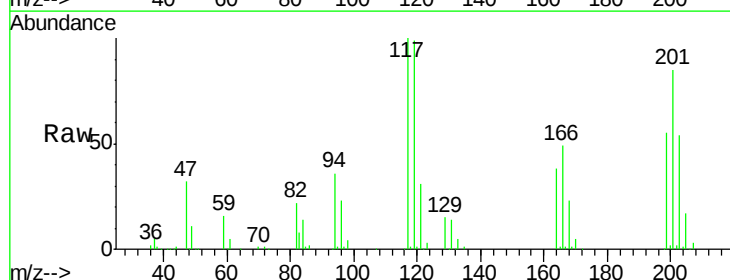
Acq: 2 Dec 2016 18:29

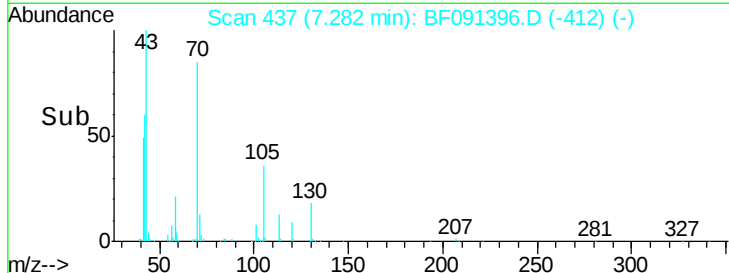
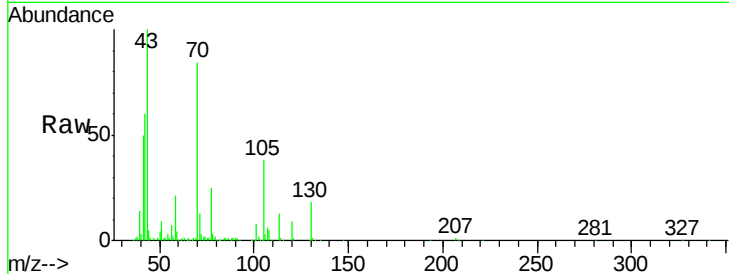
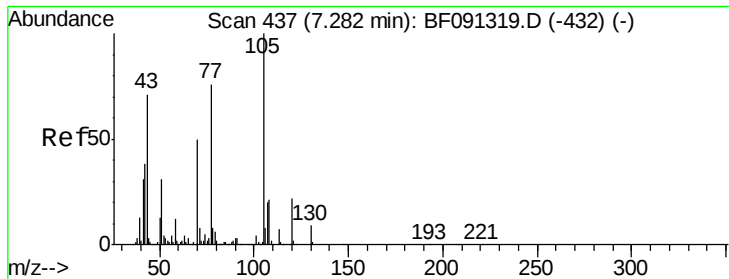
Tgt Ion:117 Resp: 148521
Ion Ratio Lower Upper

117 100

119 98.7 78.6 118.0

201 85.4 86.7 130.1#





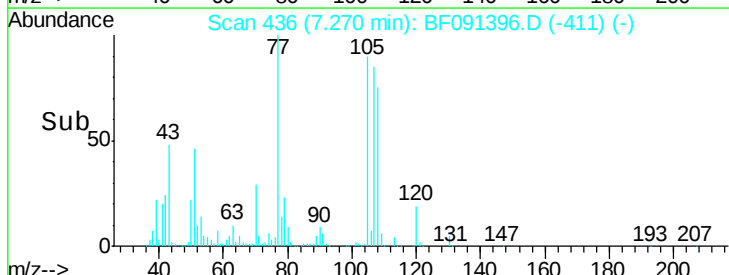
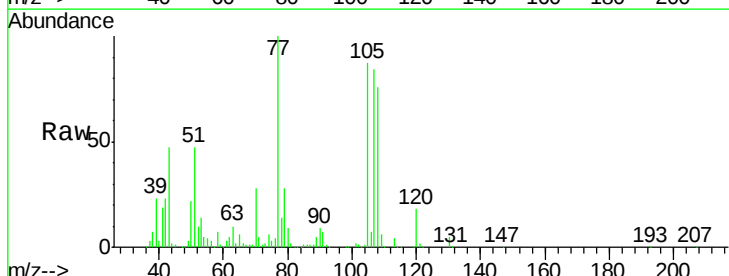
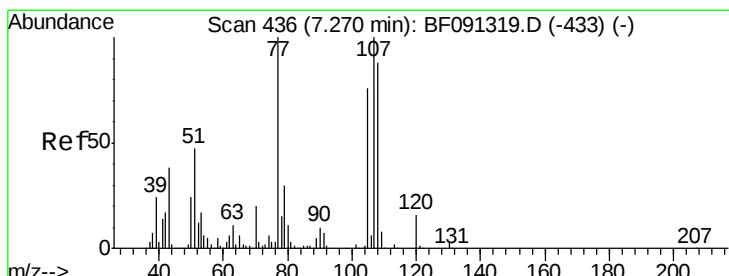
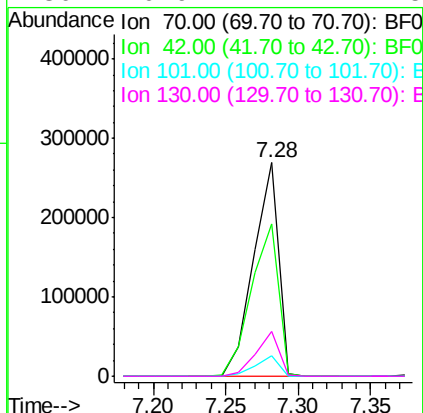
#19
n-Nitroso-di-n-propylamine
Concen: 36.87 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	71.4	64.8	97.2
101	9.4	6.2	9.4#
130	20.9	11.7	17.5#

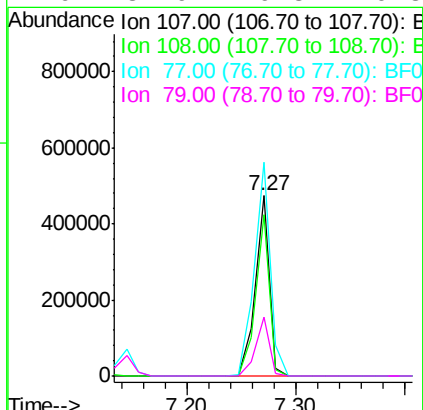
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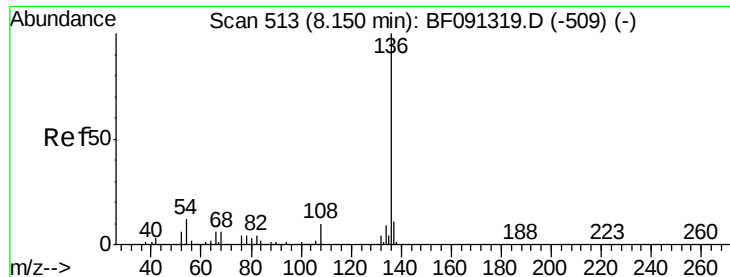
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#20
3+4-Methylphenols
Concen: 35.58 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	64.6	104.6
77	118.7	30.9	70.9#
79	32.9	9.3	49.3





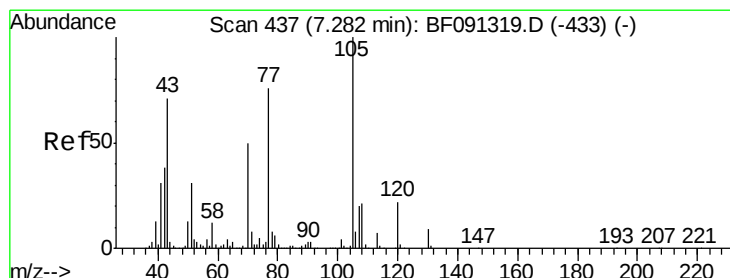
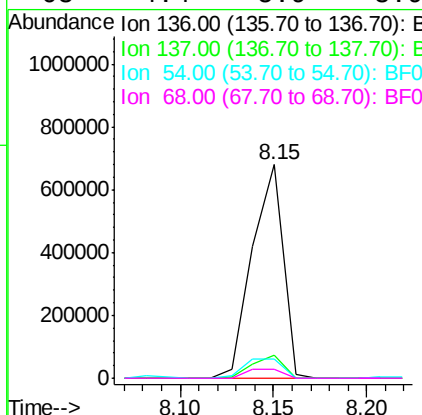
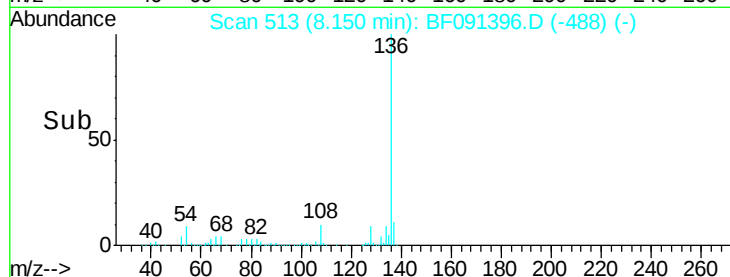
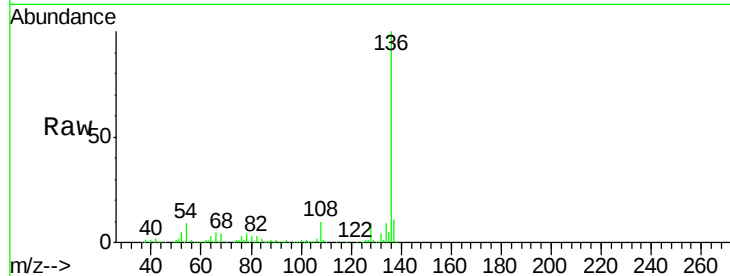
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.8	9.1	13.7
54	8.8	9.1	13.7#
68	4.4	5.9	8.9#

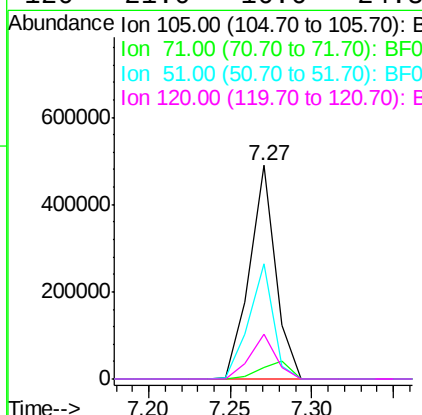
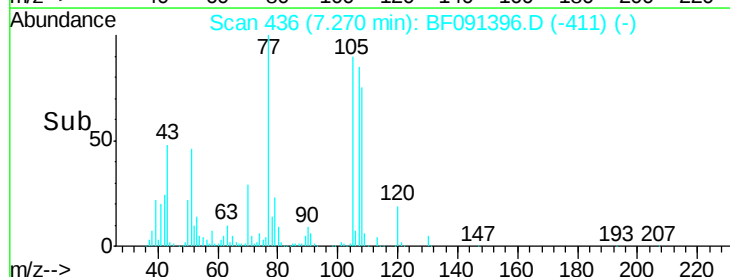
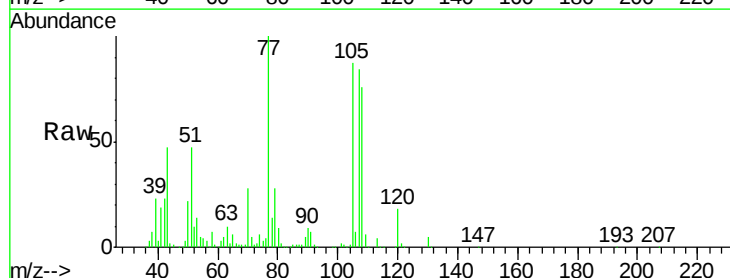
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#22
Acetophenone
Concen: 29.36 ng
RT: 7.27 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	5.4	7.9	11.9#
51	53.8	24.5	36.7#
120	21.0	16.6	24.8





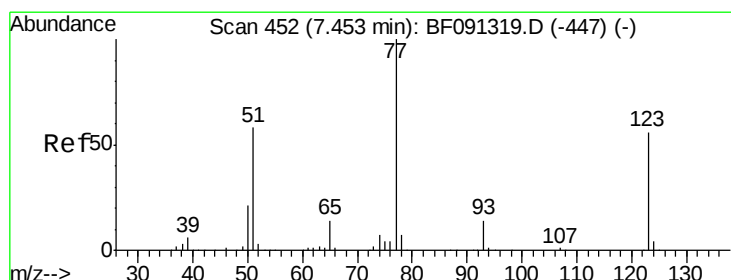
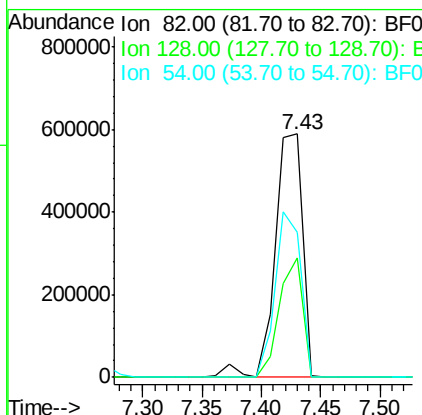
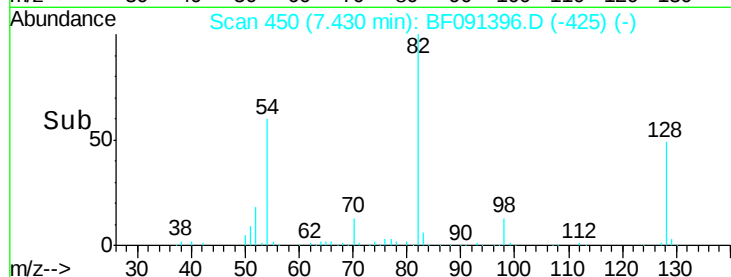
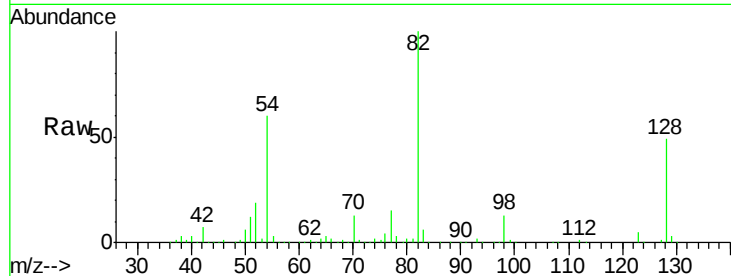
#23
 Nitrobenzene-d5
 Concen: 67.40 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	939445		
128	49.1	31.8	47.6#	
54	59.8	49.1	73.7	

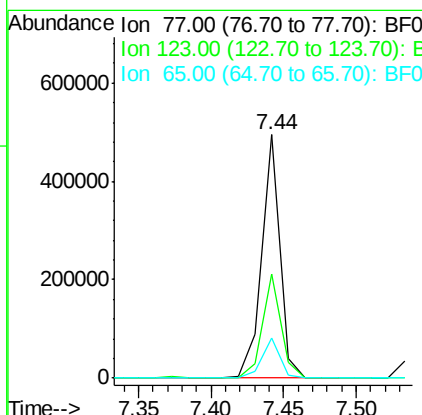
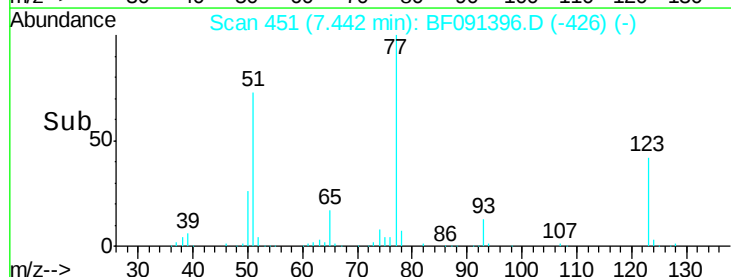
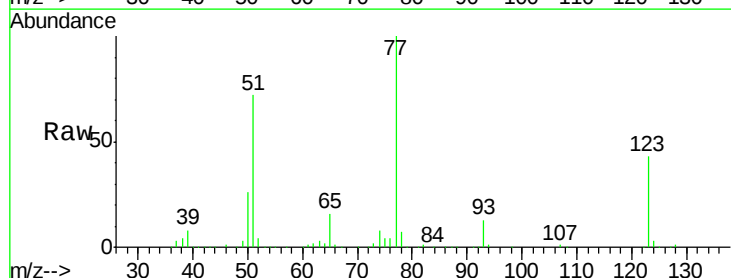
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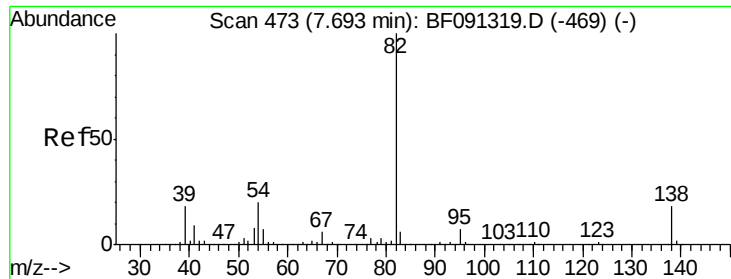
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#24
 Nitrobenzene
 Concen: 30.29 ng
 RT: 7.44 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	432279		
123	42.6	28.5	42.7	
65	16.5	12.5	18.7	





#25

Isophorone

Concen: 32.64 ng

RT: 7.68 min Scan# 472

Delta R.T. -0.03 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

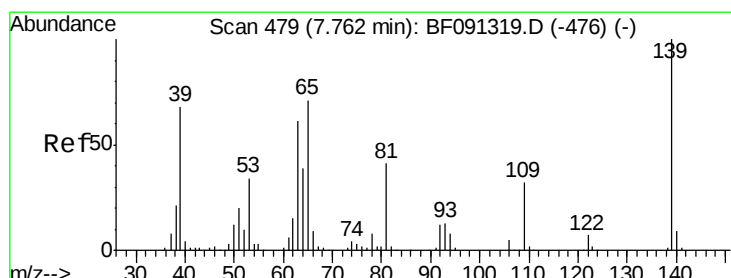
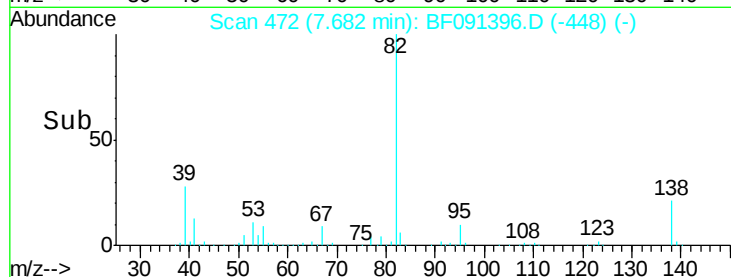
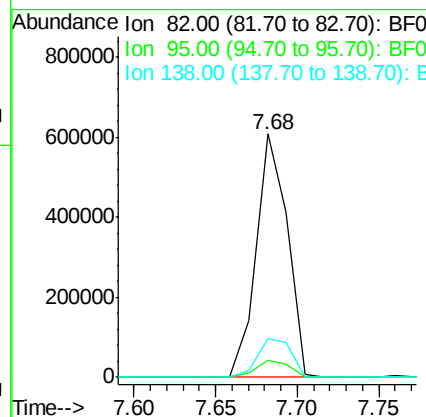
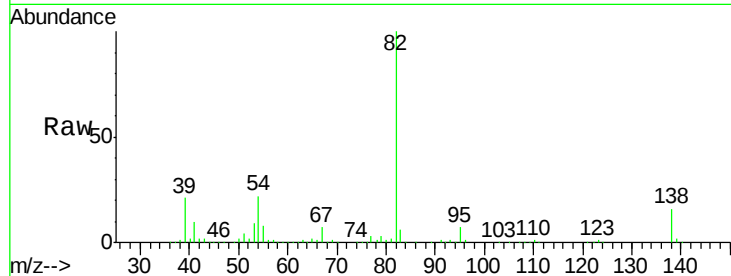
ClientSampleId :

113016-02MS

Tgt Ion:	82	Resp:	806033
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.7	8.5
138	16.0	13.4	20.0

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#26

2-Nitrophenol

Concen: 35.09 ng

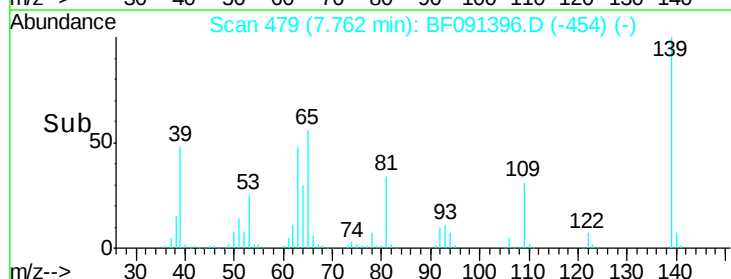
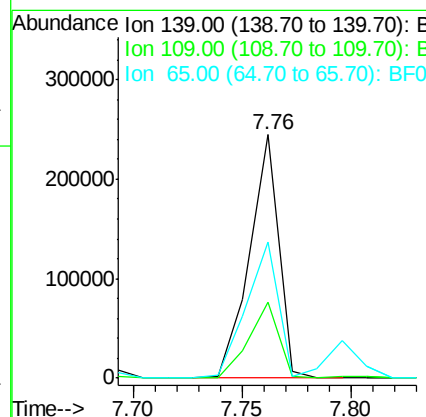
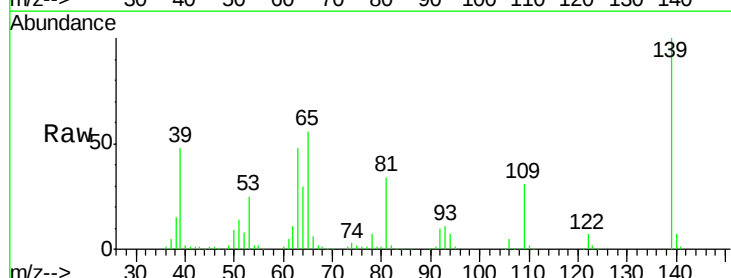
RT: 7.76 min Scan# 479

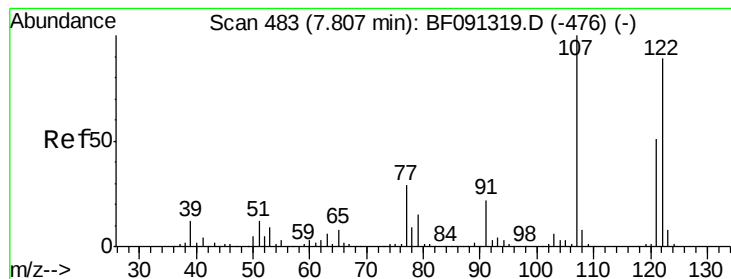
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	139	Resp:	228214
Ion Ratio		Lower	Upper
139	100		
109	31.2	25.3	37.9
65	55.7	55.4	83.2





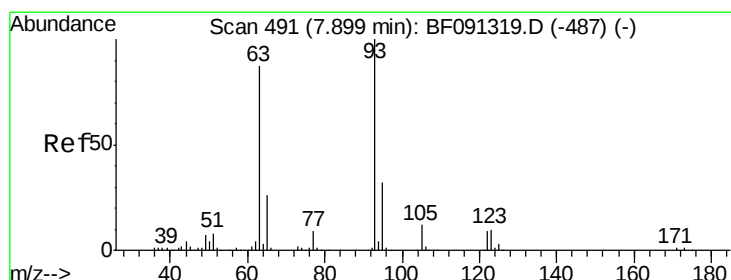
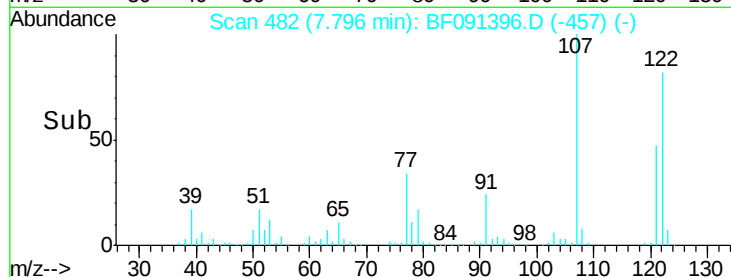
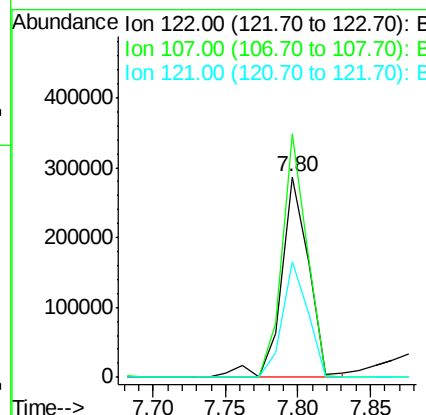
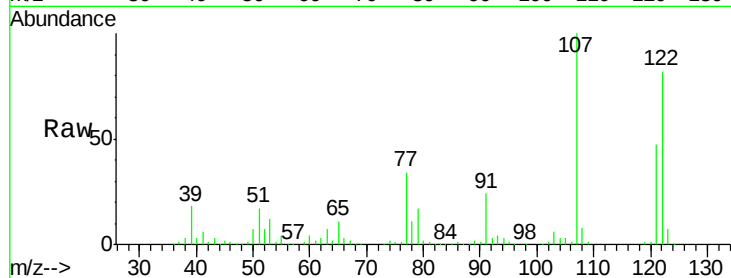
#27
2,4-Dimethylphenol
Concen: 30.81 ng
RT: 7.80 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.4	96.8	145.2
121	57.4	47.7	71.5

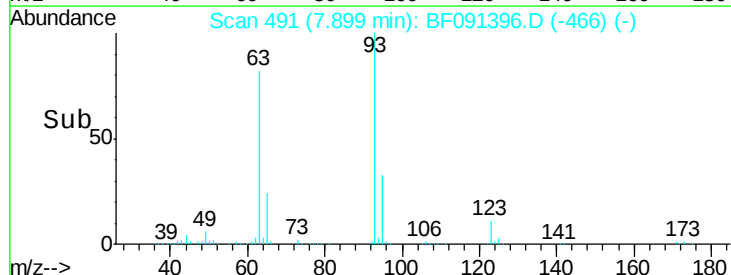
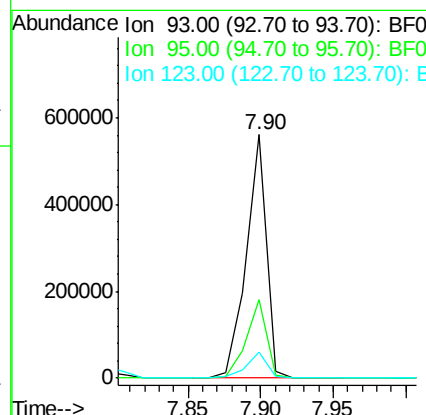
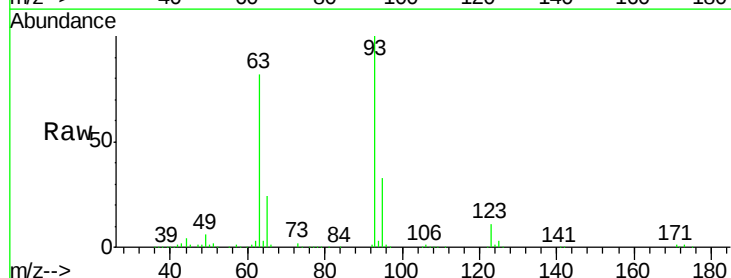
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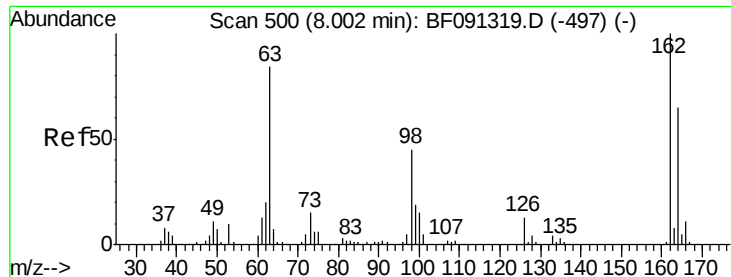
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#28
bis(2-Chloroethoxy)methane
Concen: 36.37 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	10.8	8.6	12.8





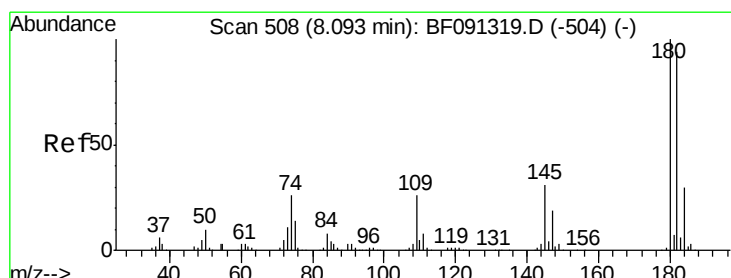
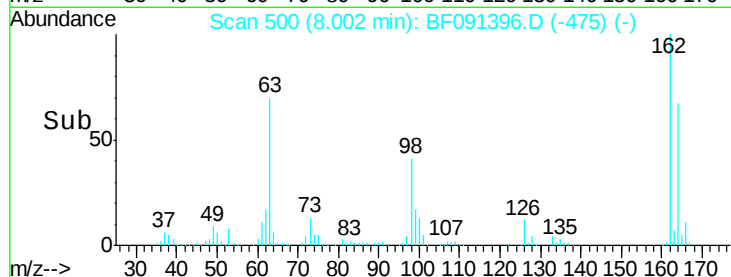
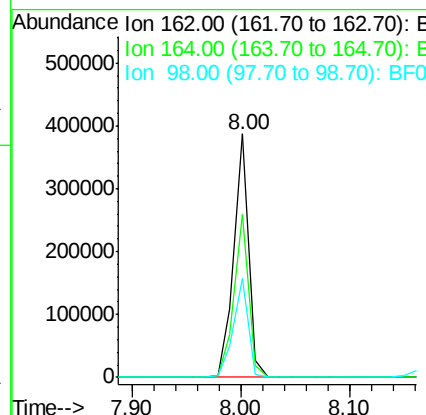
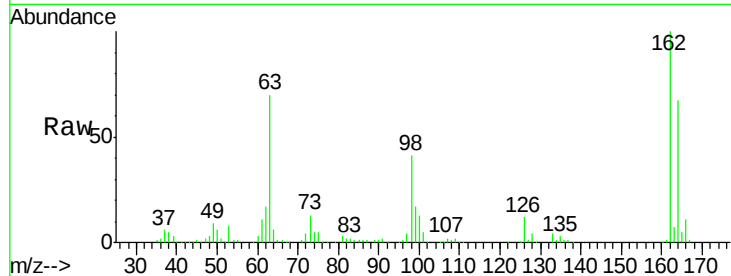
#29
 2,4-Dichlorophenol
 Concen: 34.00 ng
 RT: 8.00 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.7	45.0	85.0
98	40.7	21.3	61.3

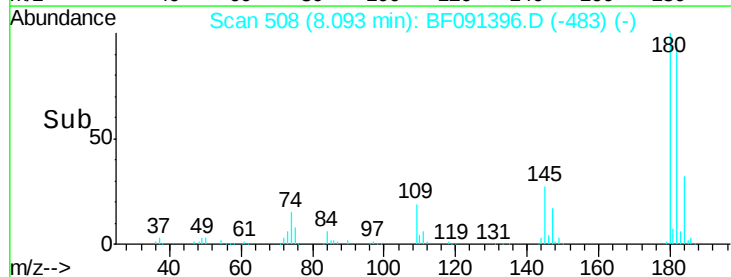
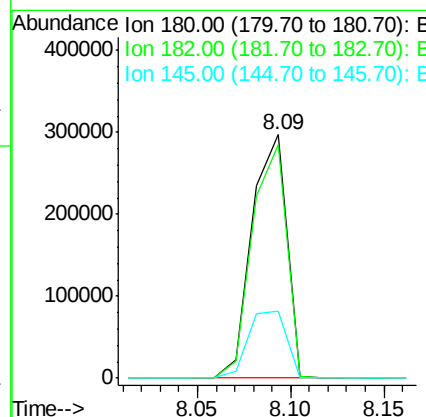
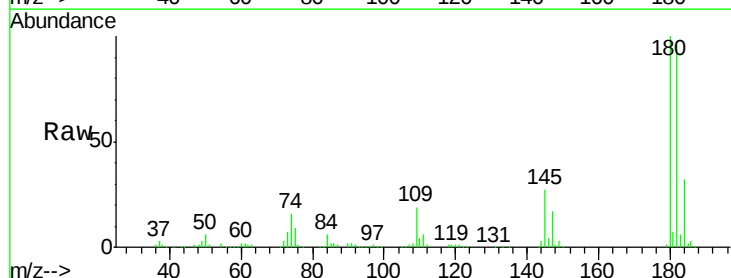
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.79 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	75.8	113.8
145	27.3	27.0	40.4





#31

Naphthalene

Concen: 31.20 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion:128 Resp: 1158063

Ion Ratio Lower Upper

128 100

129 10.8 9.1 13.7

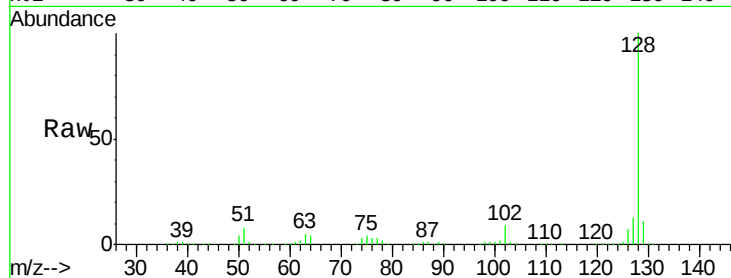
127 13.2 11.0 16.4

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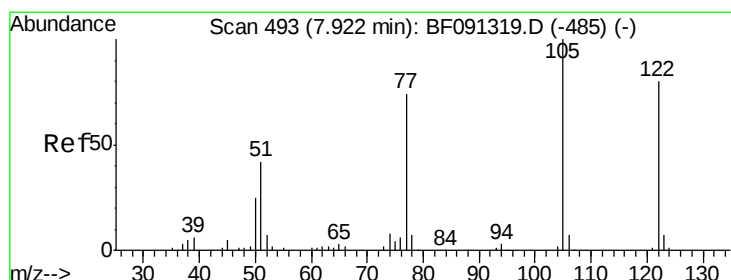
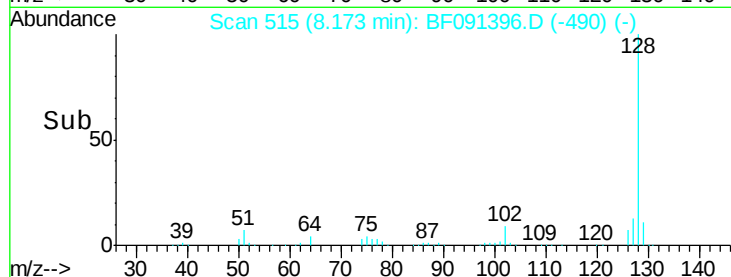
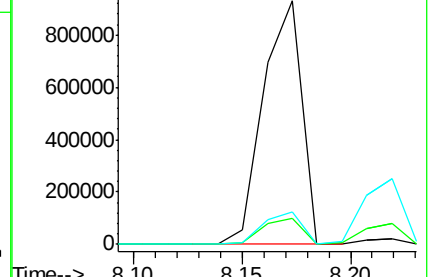
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 7.31 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.06 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

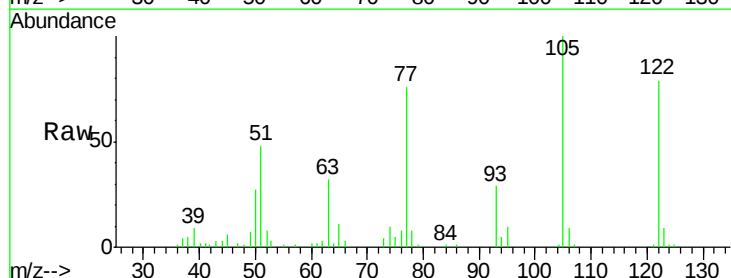
Tgt Ion:122 Resp: 65517

Ion Ratio Lower Upper

122 100

105 127.2 113.0 153.0

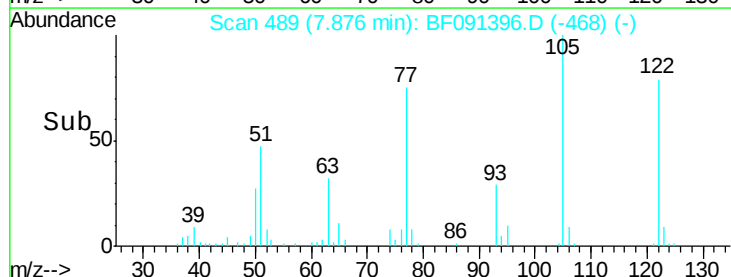
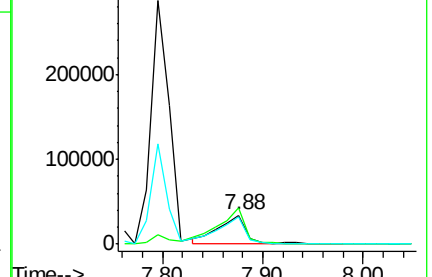
77 97.2 82.0 122.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





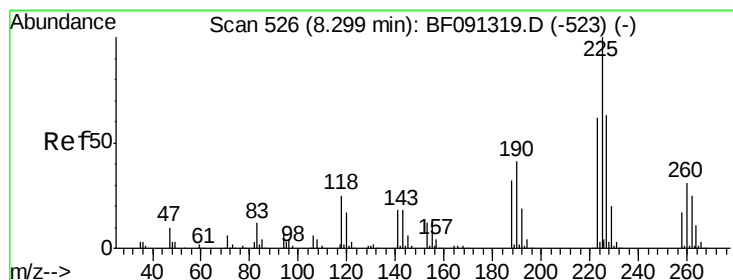
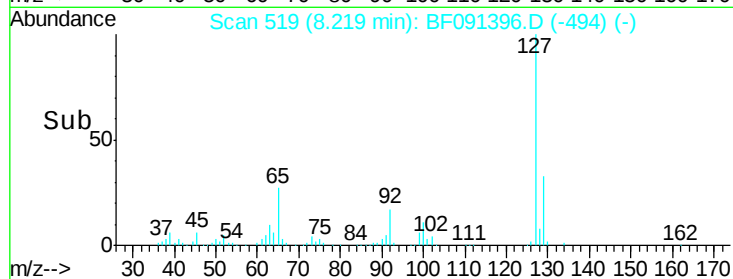
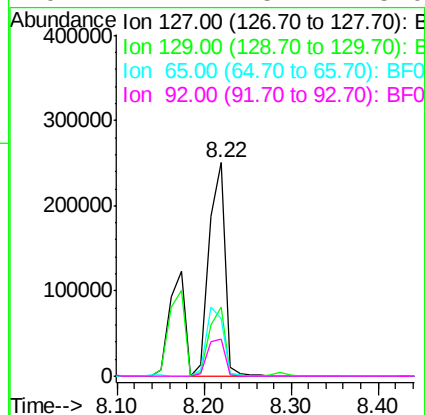
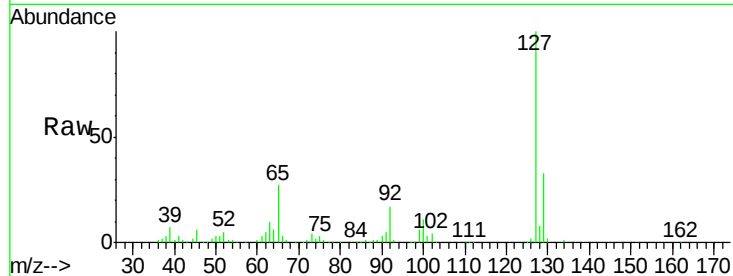
#33
4-Chloroaniline
Concen: 20.38 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.4	
65	26.7	26.6	39.8	
92	17.1	15.4	23.0	

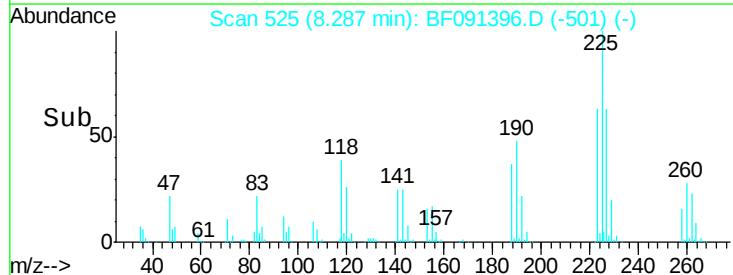
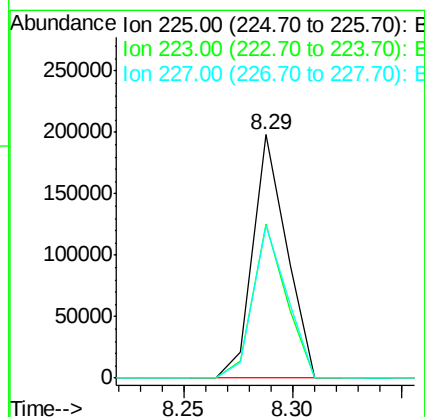
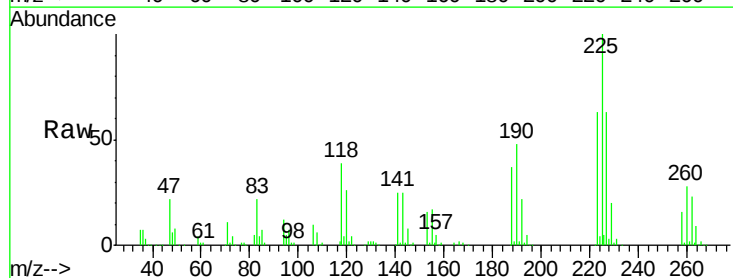
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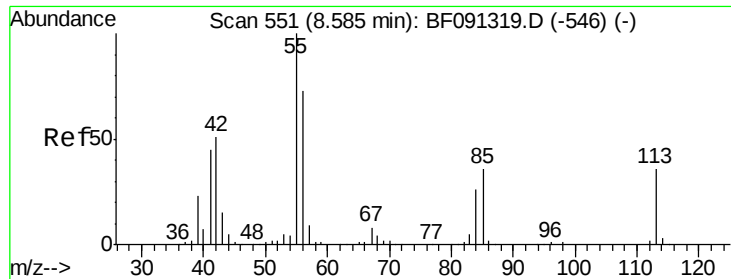
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#34
Hexachlorobutadiene
Concen: 28.89 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.03 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.8	74.6	
227	62.6	52.6	79.0	





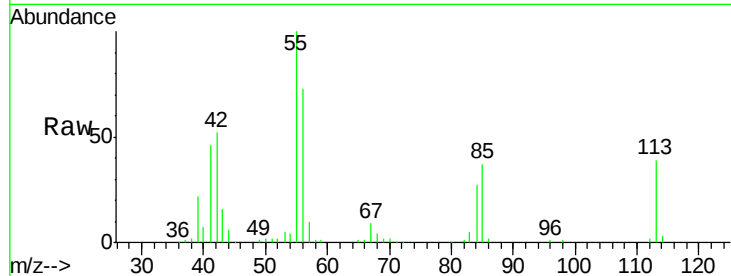
#35
 Caprolactam
 Concen: 39.09 ng m
 RT: 8.58 min Scan# 551
 Delta R.T. -0.03 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

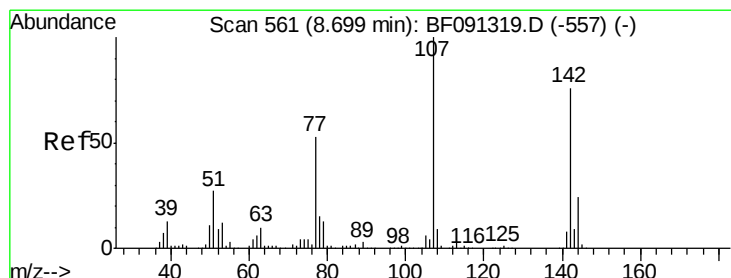
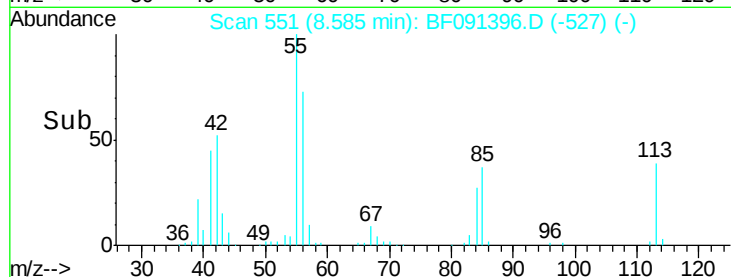
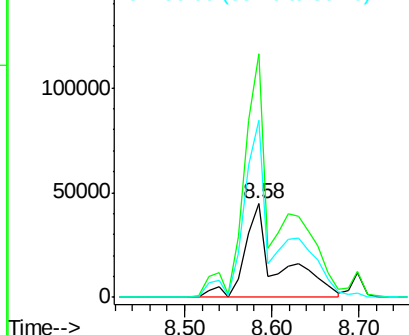
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	120234		
55	259.6	239.8	279.8	
56	189.2	165.6	205.6	

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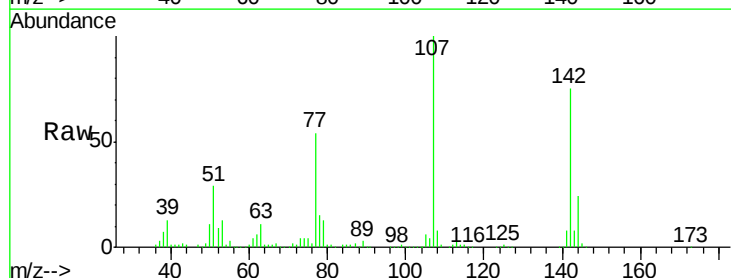


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

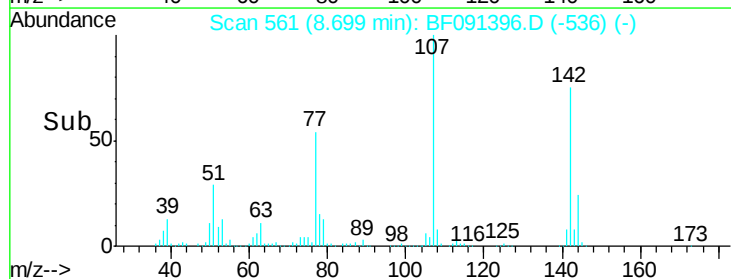
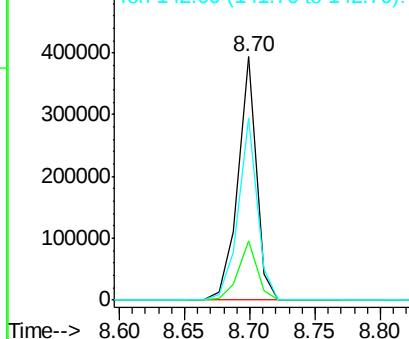


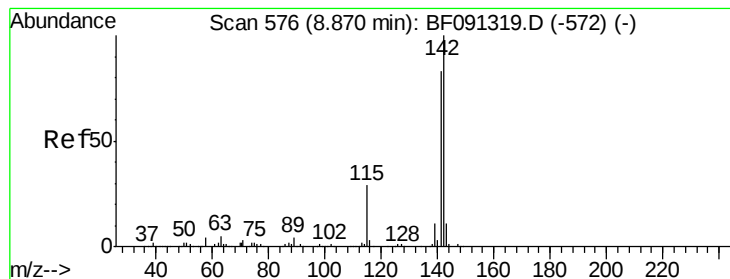
#36
 4-Chloro-3-methylphenol
 Concen: 33.42 ng
 RT: 8.70 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	386117		
144	24.5	18.9	28.3	
142	74.6	58.5	87.7	



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





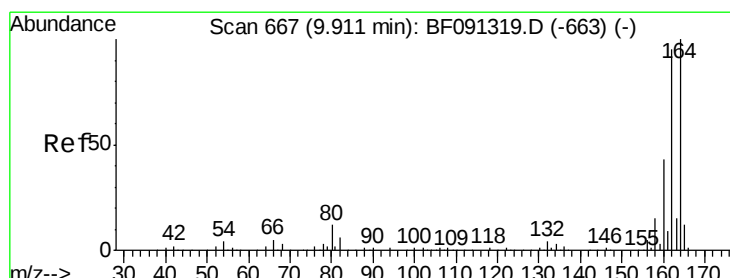
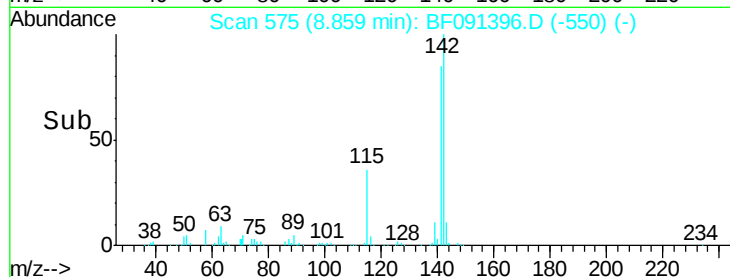
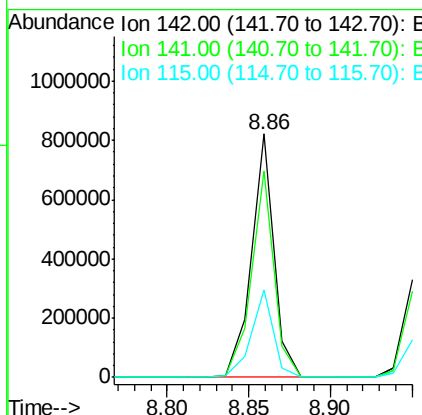
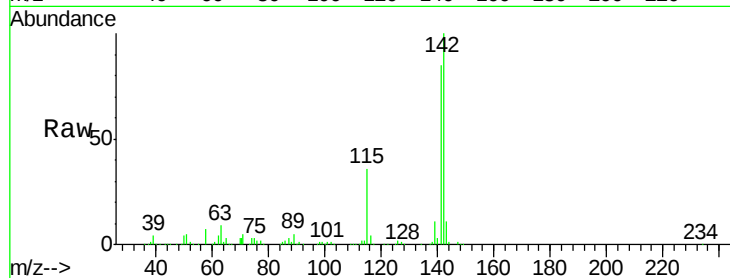
#37
2-Methylnaphthalene
Concen: 31.23 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.0	71.7	107.5
115	36.2	25.0	37.6

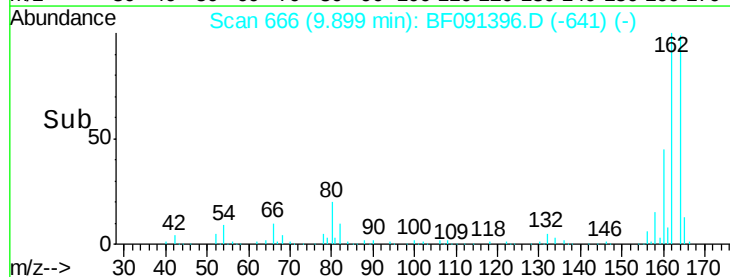
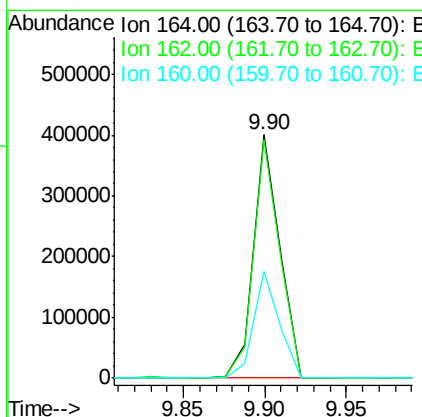
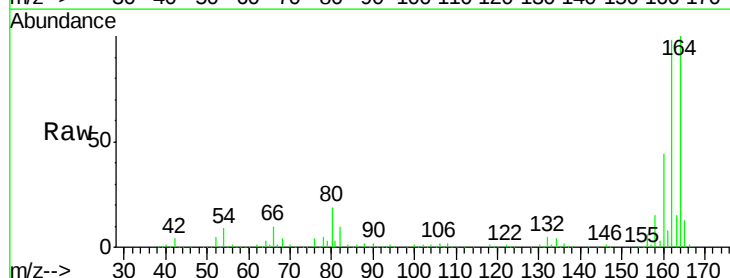
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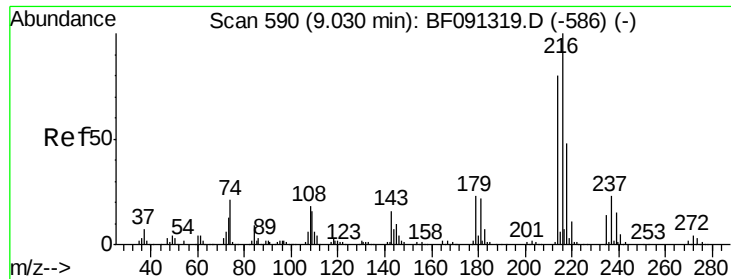
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	82.6	124.0
160	44.0	36.7	55.1





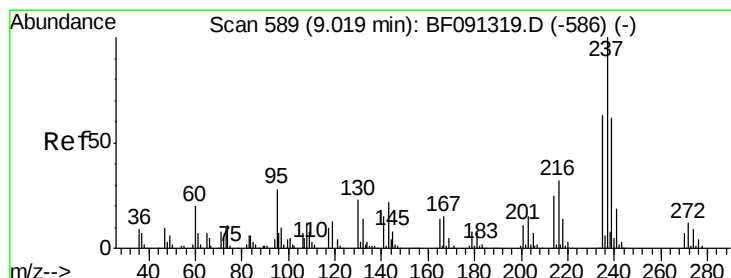
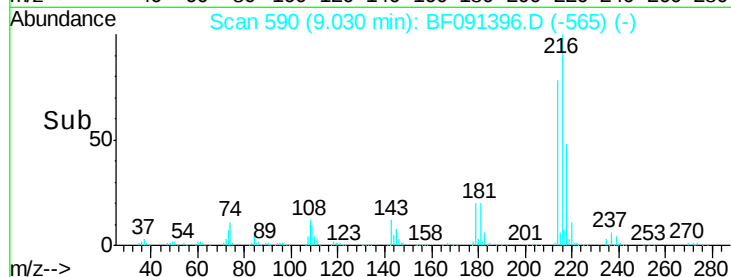
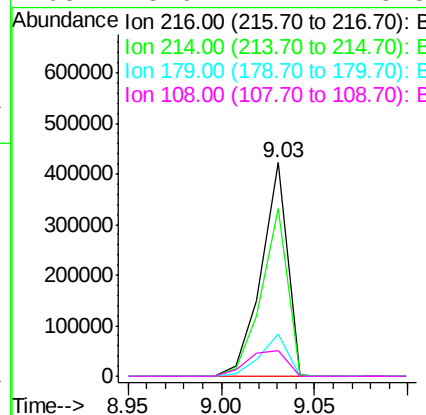
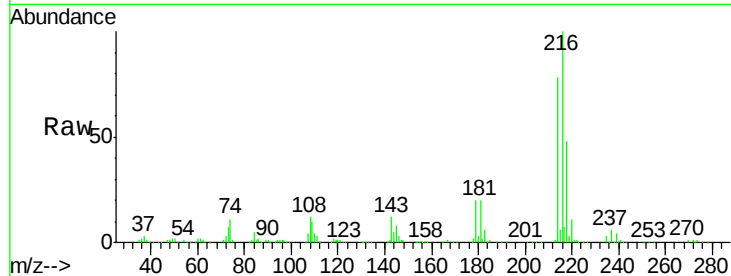
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.44 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion:	216	Resp:	408907
Ion Ratio		Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.7	18.2	27.2
108	18.6	17.2	25.8

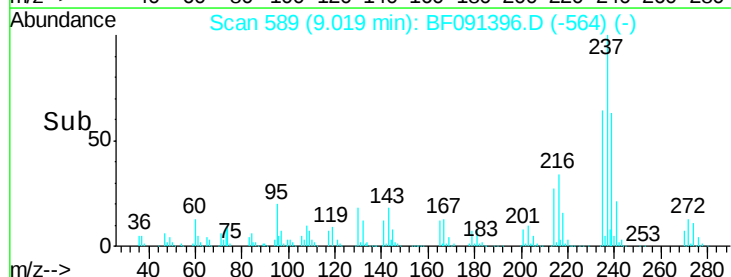
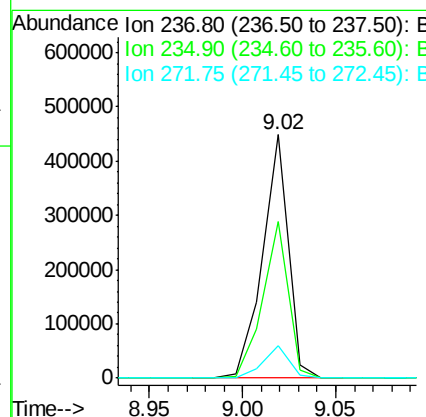
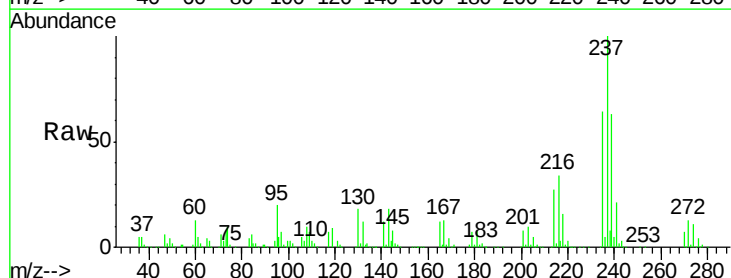
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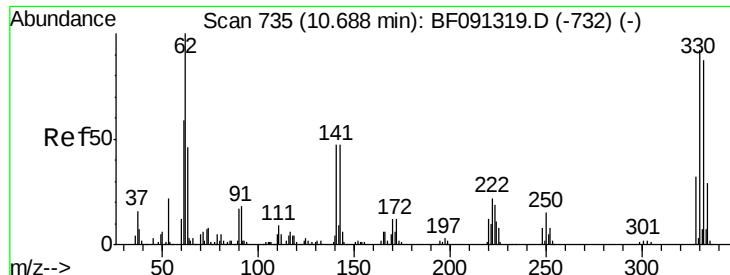
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#40
 Hexachlorocyclopentadiene
 Concen: 72.63 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

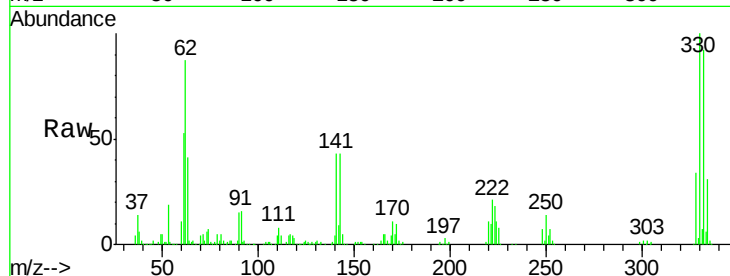
Tgt Ion:	237	Resp:	424404
Ion Ratio		Lower	Upper
237	100		
235	64.3	43.9	83.9
272	13.5	0.0	33.1





#41
 2,4,6-Tribromophenol
 Concen: 100.89 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

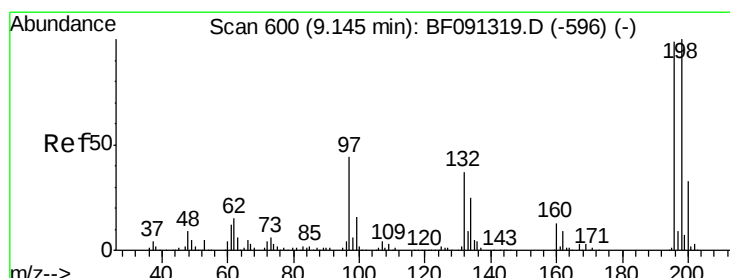
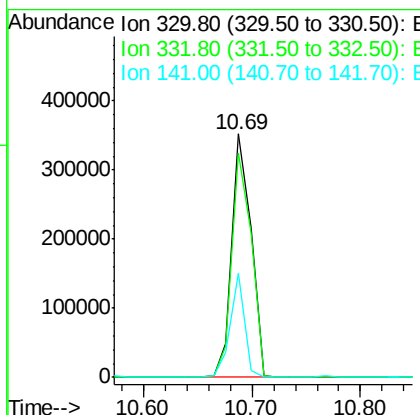
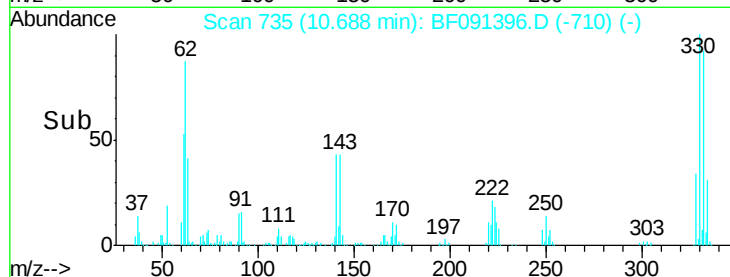
Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	427091		
332	94.0	76.2	114.4	
141	32.2	33.6	50.4	

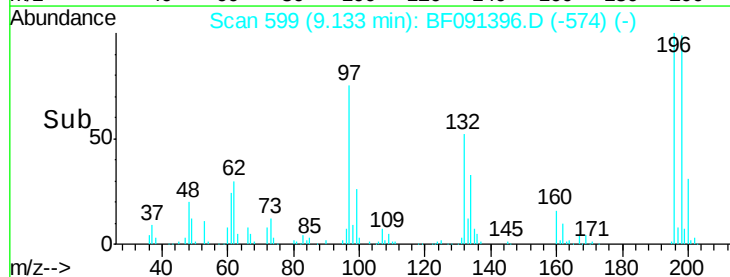
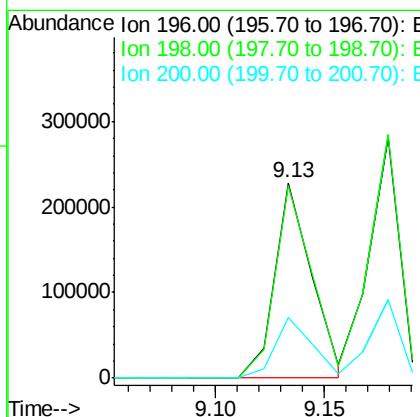
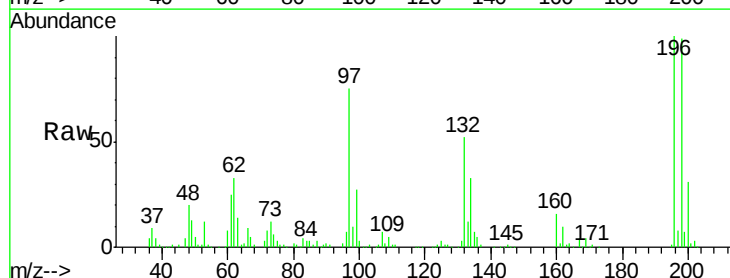
Manual Integrations
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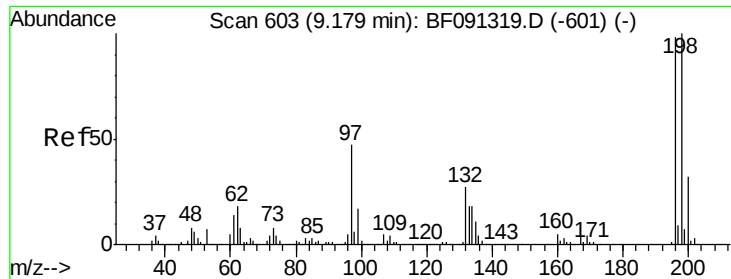
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#42
 2,4,6-Trichlorophenol
 Concen: 33.22 ng
 RT: 9.13 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

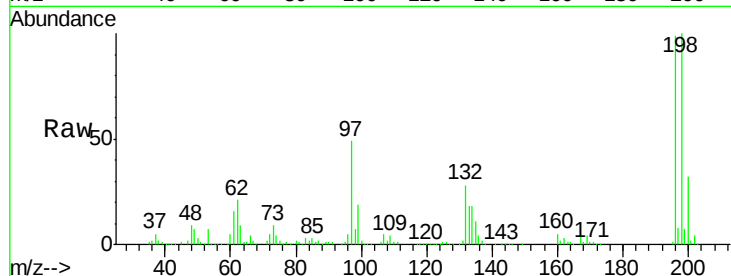
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272163		
198	98.7	77.4	116.0	
200	31.0	25.2	37.8	





#43
 2,4,5-Trichlorophenol
 Concen: 33.55 ng
 RT: 9.18 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

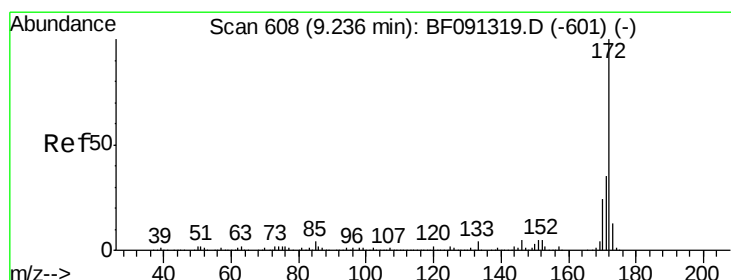
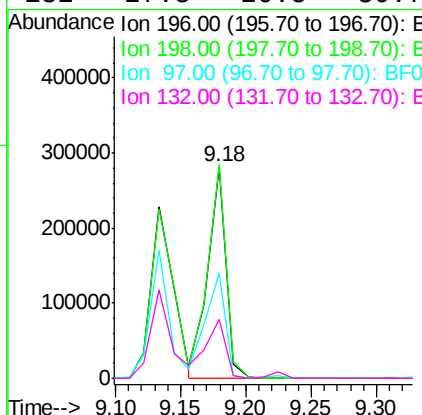
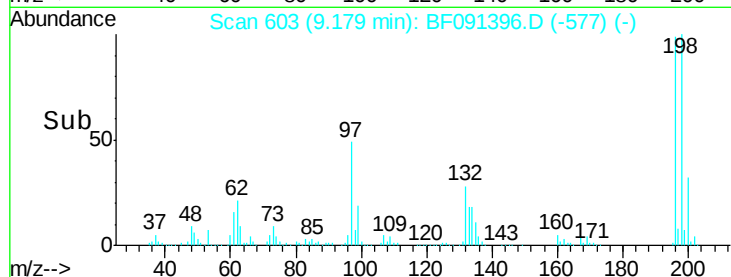
Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275463		
198	100.9	77.0	115.6	
97	49.5	33.5	50.3	
132	27.8	20.5	30.7	

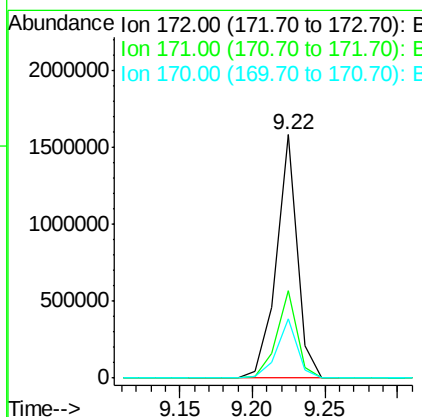
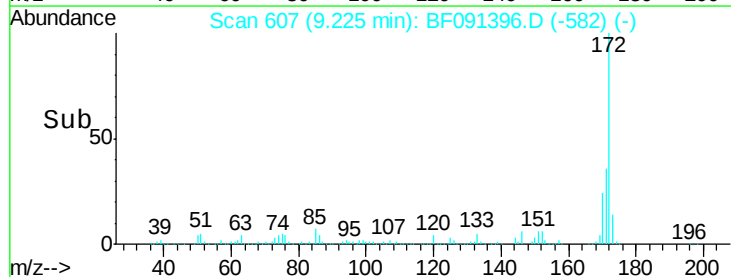
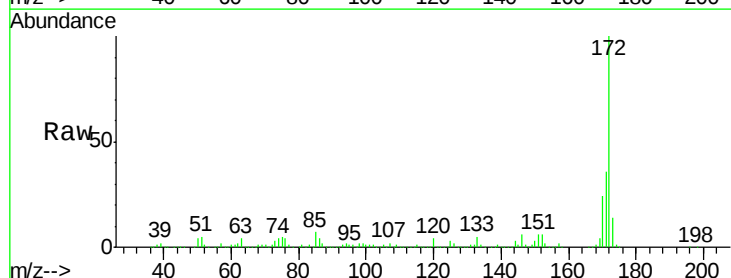
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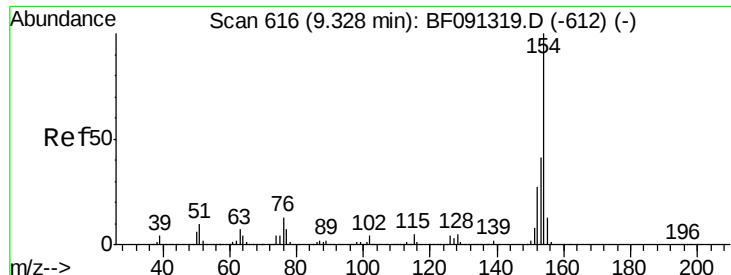
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#44
 2-Fluorobiphenyl
 Concen: 63.74 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1574116		
171	36.1	29.4	44.0	
170	24.4	19.7	29.5	





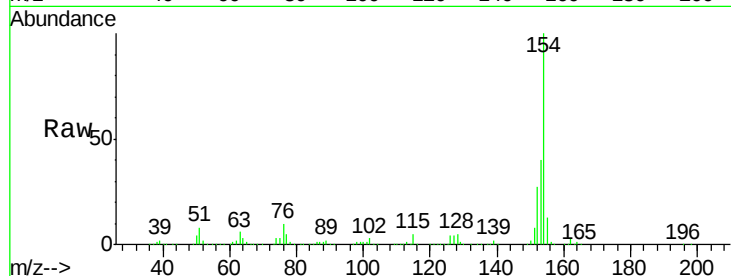
#45
 1,1'-Biphenyl
 Concen: 33.83 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

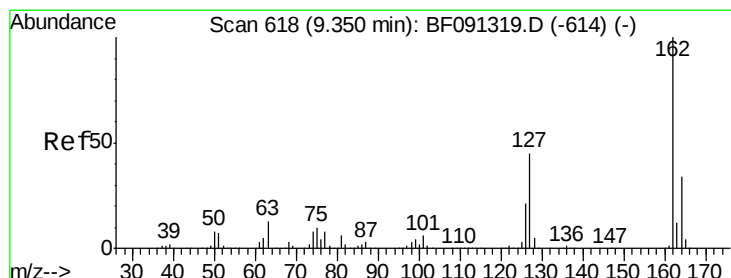
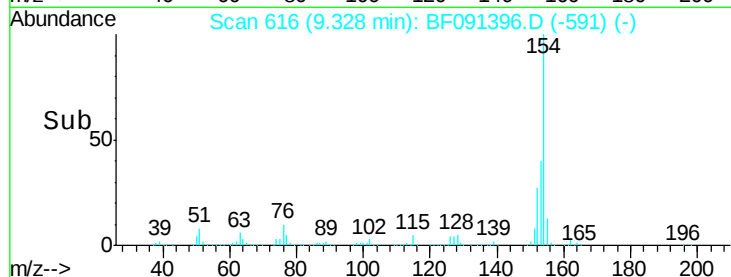
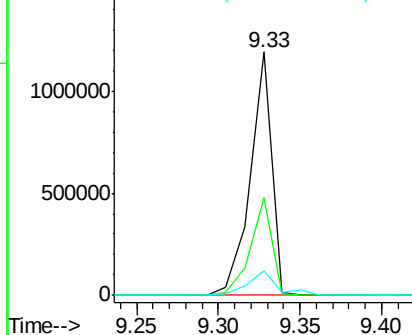
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	10.0	0.0	36.6

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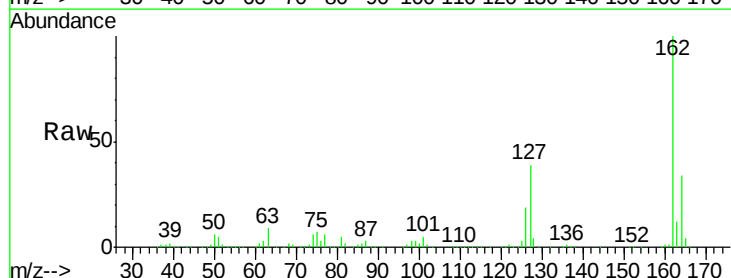


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

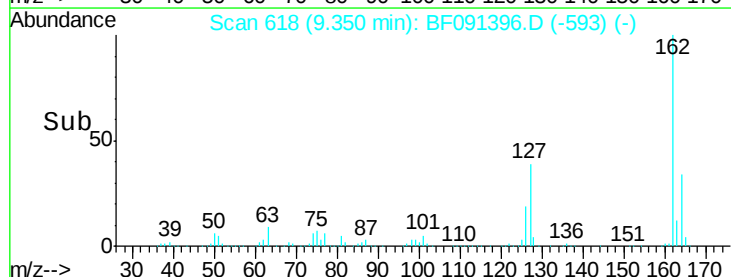
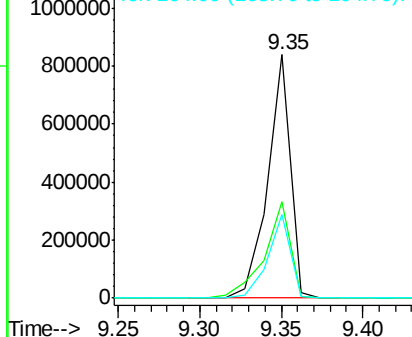


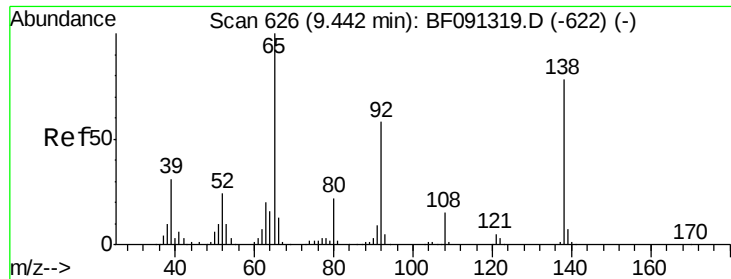
#46
 2-Chloronaphthalene
 Concen: 33.70 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	34.3	51.5
164	34.5	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





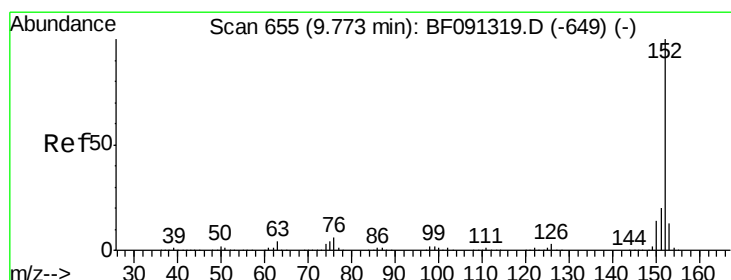
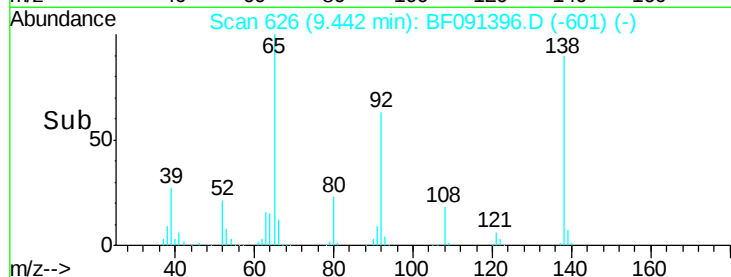
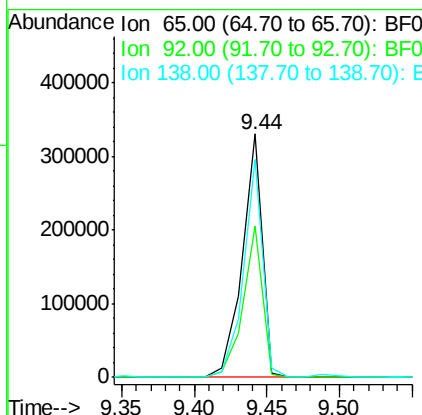
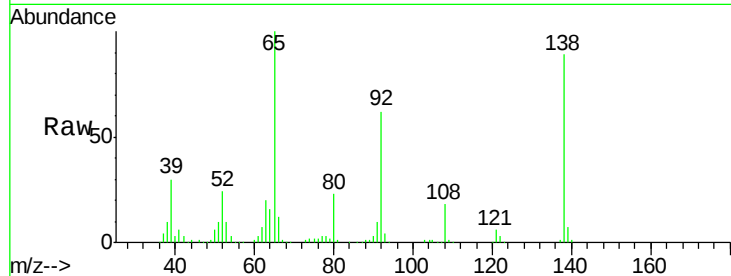
#47
2-Nitroaniline
Concen: 36.74 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.6	80.4
138	89.3	91.0	136.6

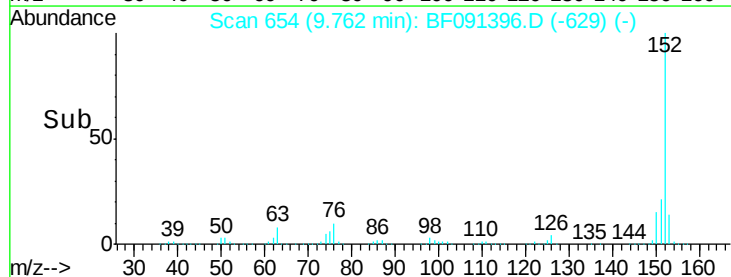
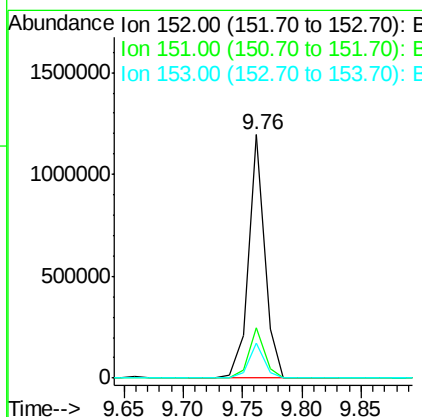
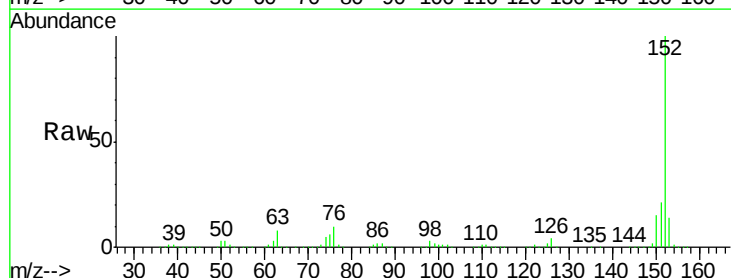
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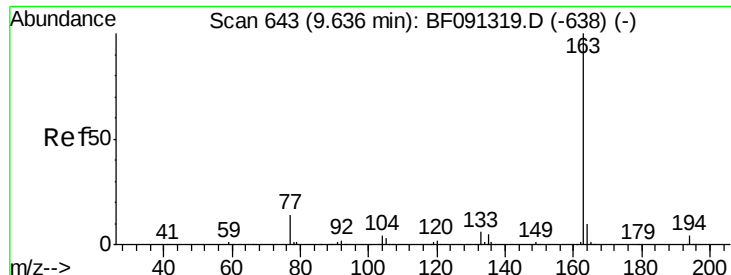
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#48
Acenaphthylene
Concen: 30.31 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	24.8
153	14.3	10.7	16.1





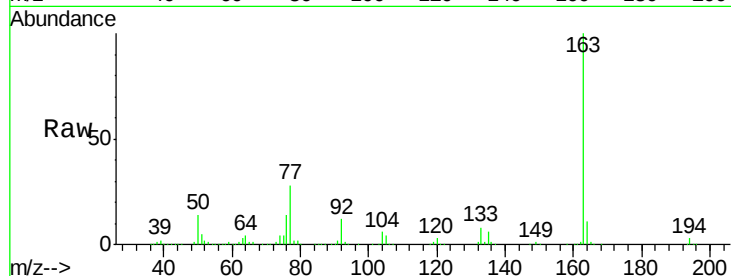
#49
Dimethylphthalate
Concen: 38.25 ng
RT: 9.62 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

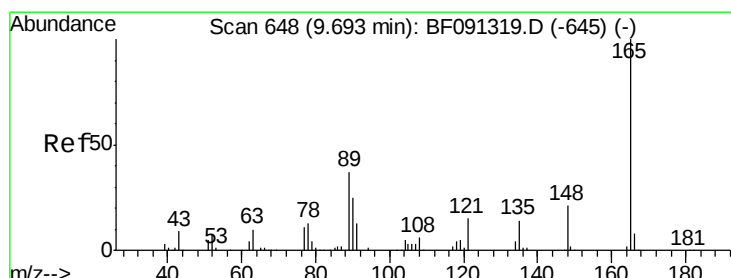
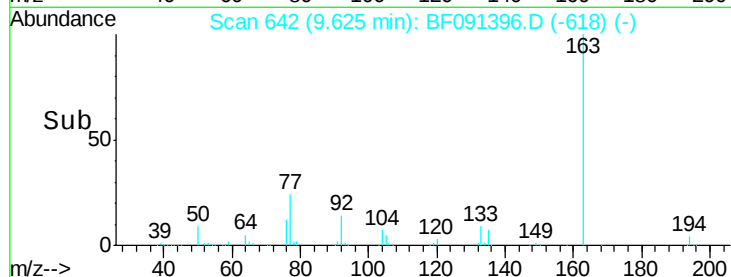
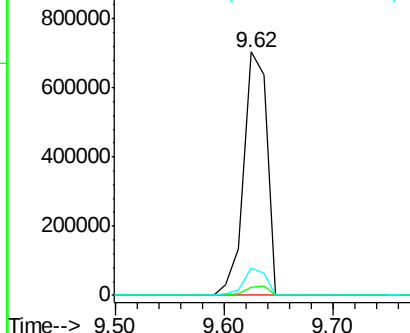
Tgt Ion:163 Resp: 1035644
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 11.3 7.8 11.8

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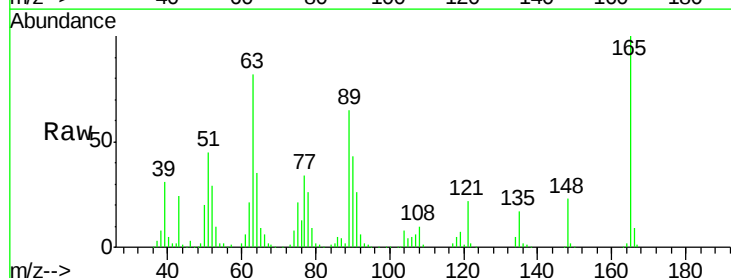


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

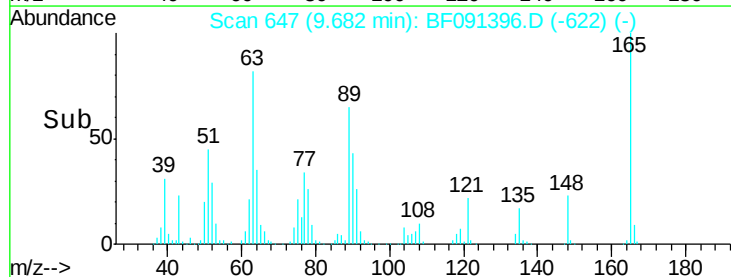
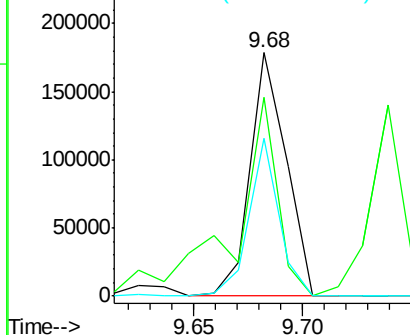


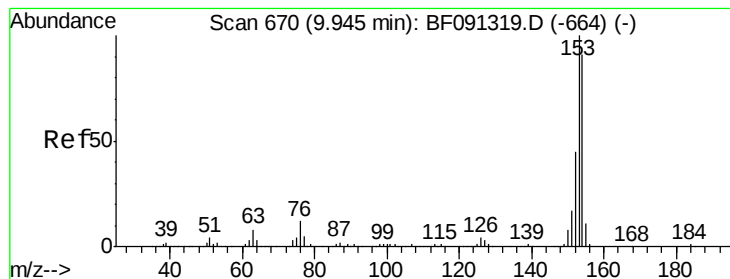
#50
2,6-Dinitrotoluene
Concen: 34.08 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion:165 Resp: 206264
Ion Ratio Lower Upper
165 100
63 81.9 59.4 89.0
89 65.1 50.8 76.2



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





#51

Acenaphthene

Concen: 32.36 ng

RT: 9.93 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

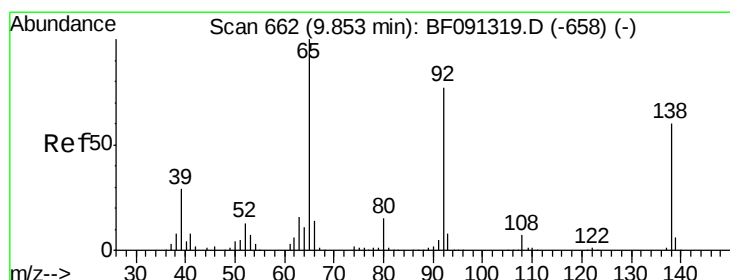
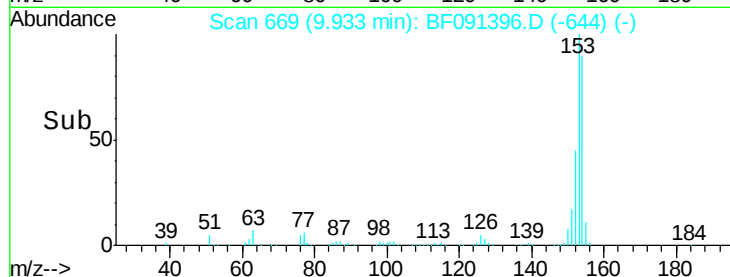
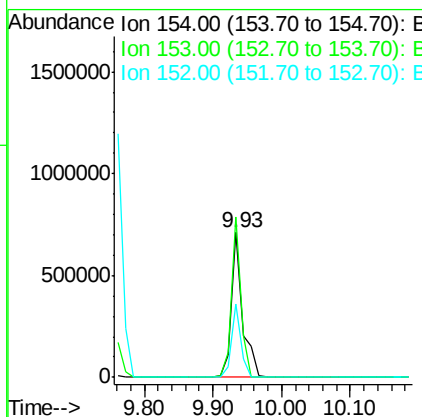
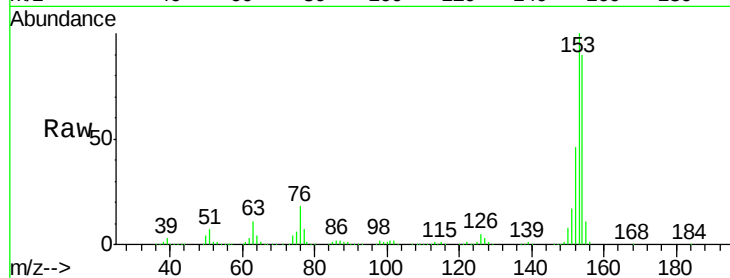
ClientSampleId :

113016-02MS

Tgt Ion:	154	Resp:	822792
Ion Ratio	Lower	Upper	
154	100		
153	111.0	91.0	136.6
152	51.0	44.2	66.2

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#52

3-Nitroaniline

Concen: 27.25 ng

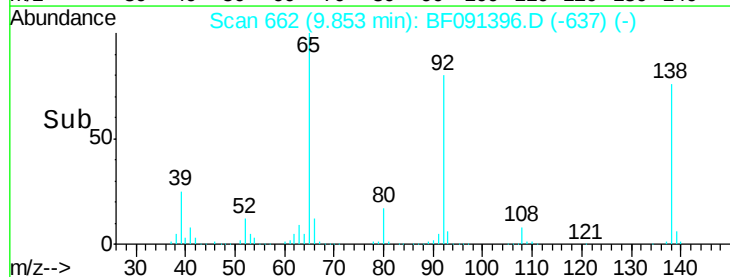
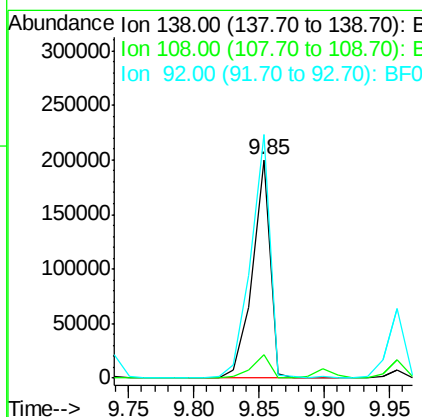
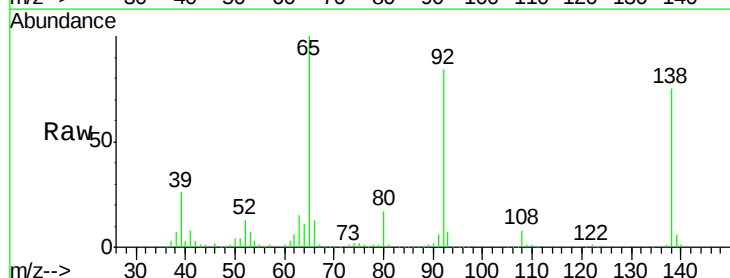
RT: 9.85 min Scan# 662

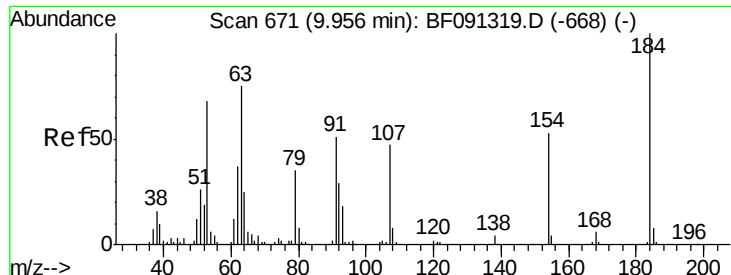
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	138	Resp:	190909
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.1	12.1
92	111.5	92.5	138.7





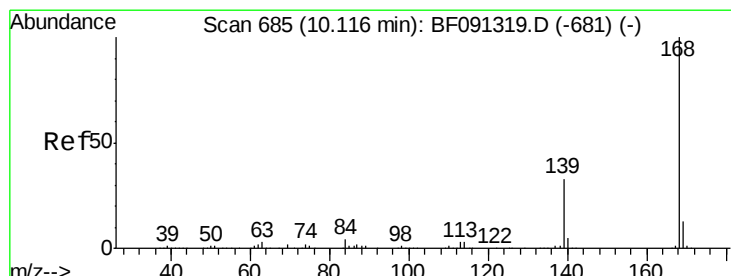
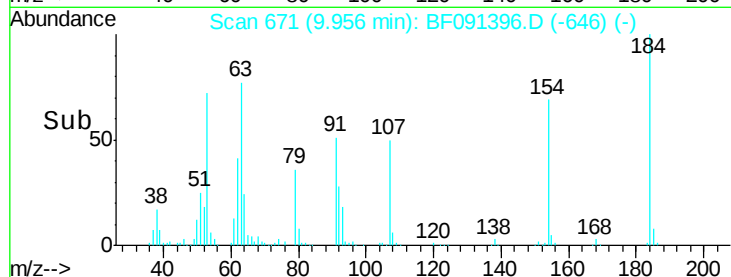
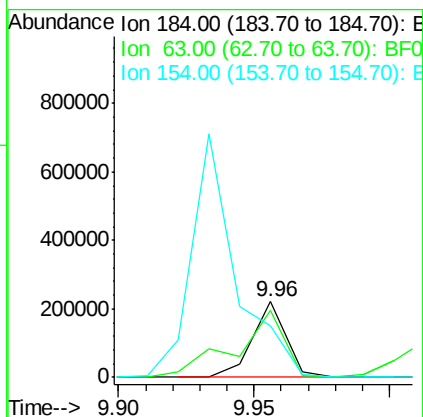
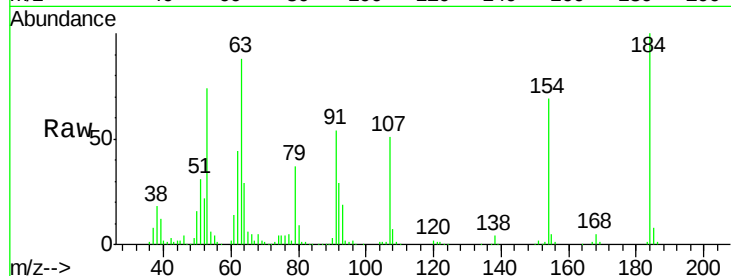
#53
2,4-Dinitrophenol
Concen: 73.16 ng m
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	193618		
63	88.1	58.3	87.5#	
154	68.7	48.6	73.0	

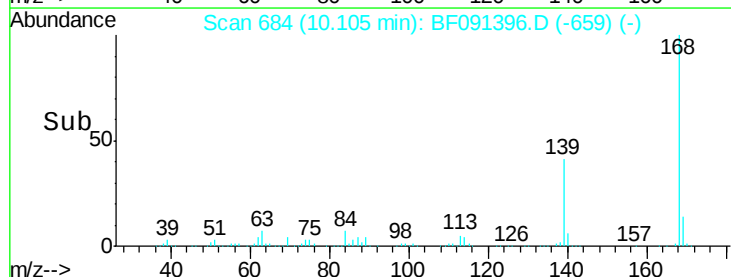
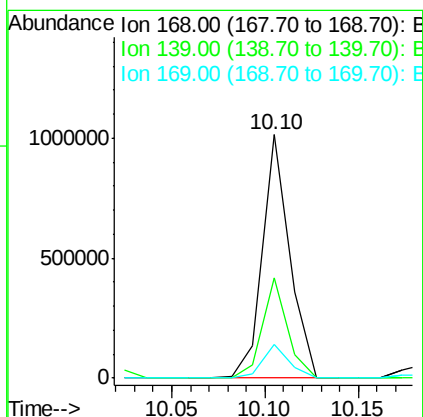
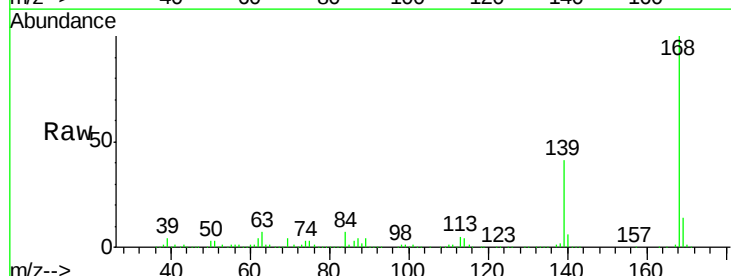
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#54
Dibenzofuran
Concen: 30.54 ng
RT: 10.10 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1039797		
139	41.2	33.4	50.2	
169	13.9	11.1	16.7	





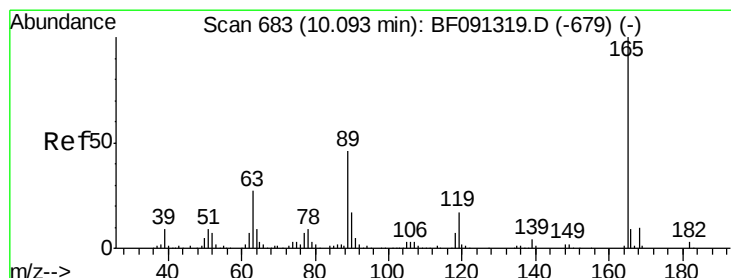
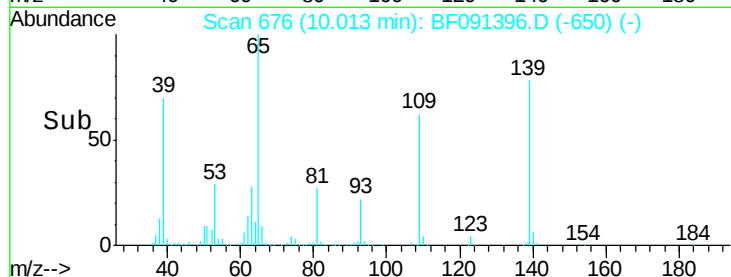
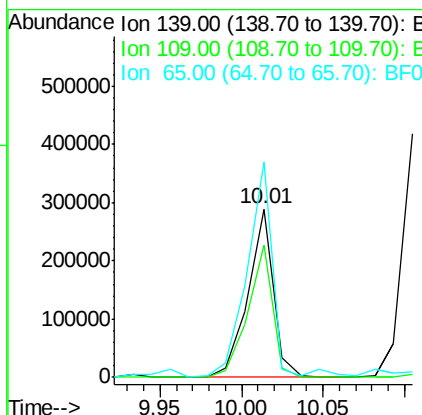
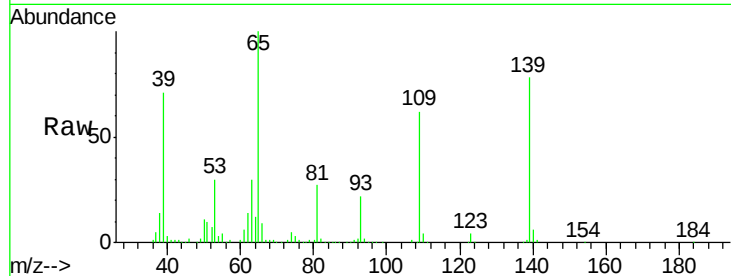
#55
4-Nitrophenol
Concen: 62.13 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion:139 Resp: 314339
Ion Ratio Lower Upper
139 100
109 78.8 54.9 94.9
65 128.0 102.2 142.2

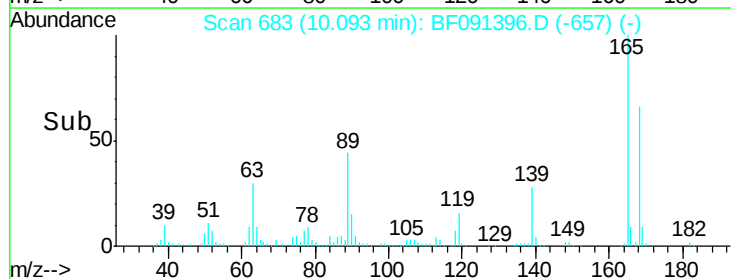
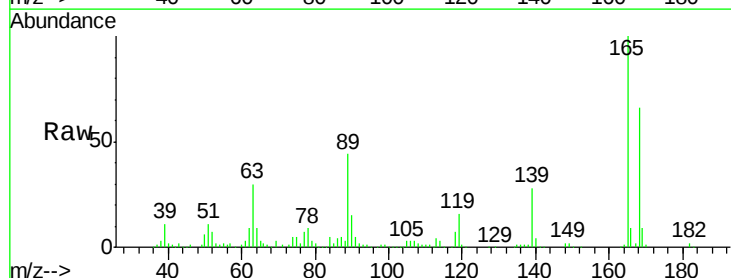
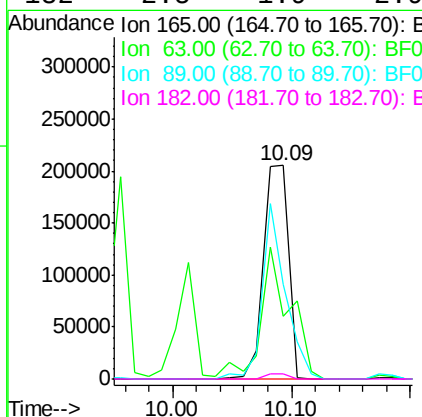
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#56
2,4-Dinitrotoluene
Concen: 38.59 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion:165 Resp: 302962
Ion Ratio Lower Upper
165 100
63 29.5 29.0 43.4
89 44.3 43.1 64.7
182 2.5 1.9 2.9





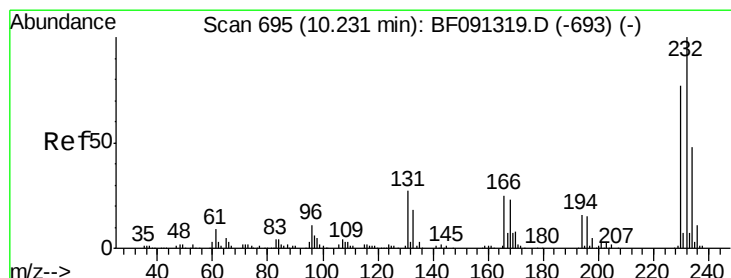
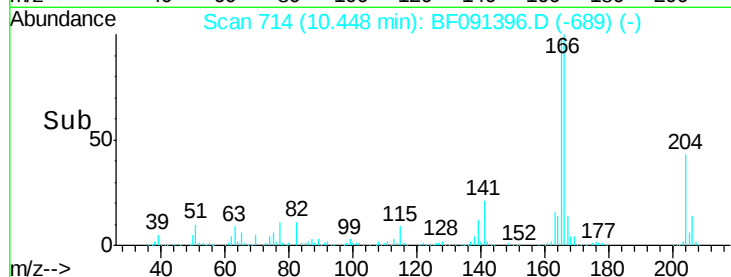
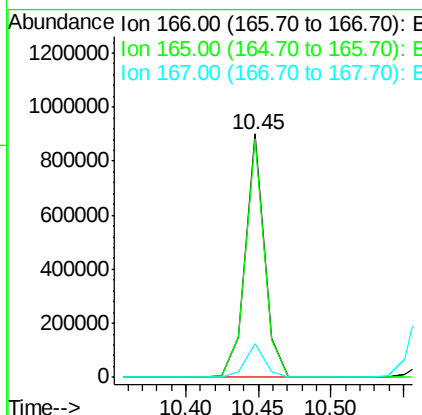
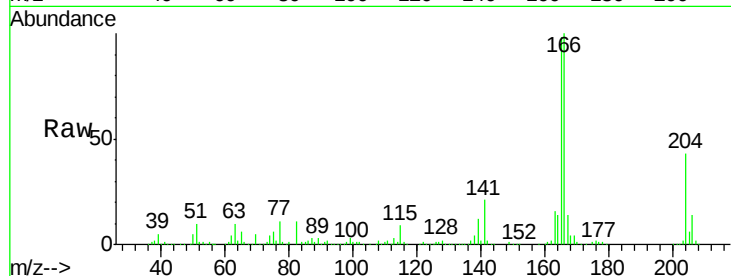
#57
Fluorene
 Concen: 31.63 ng
 RT: 10.45 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	826591		
165	97.8	80.0	120.0	
167	13.9	10.8	16.2	

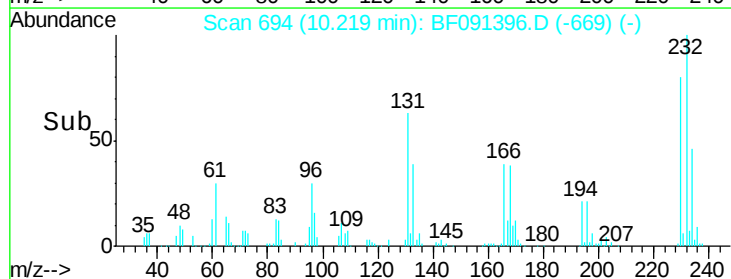
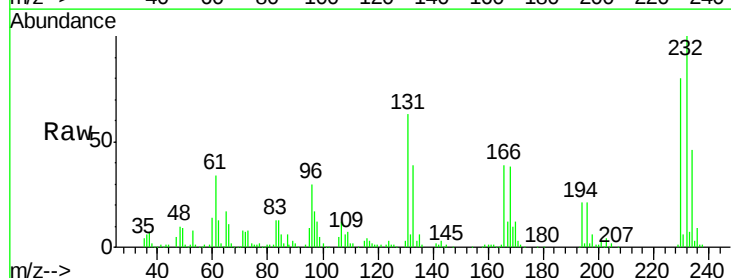
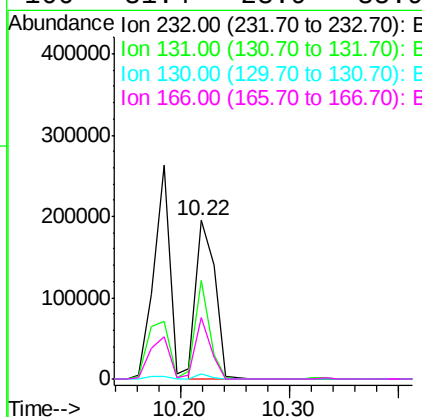
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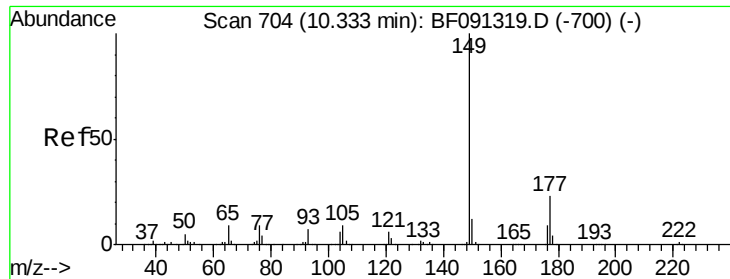
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.60 ng
 RT: 10.22 min Scan# 694
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	235558		
131	47.4	38.4	57.6	
130	2.3	1.8	2.8	
166	31.4	23.9	35.9	





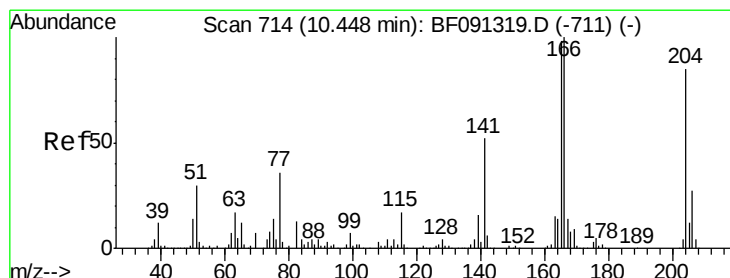
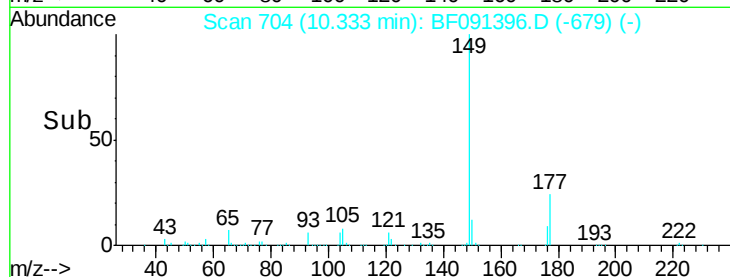
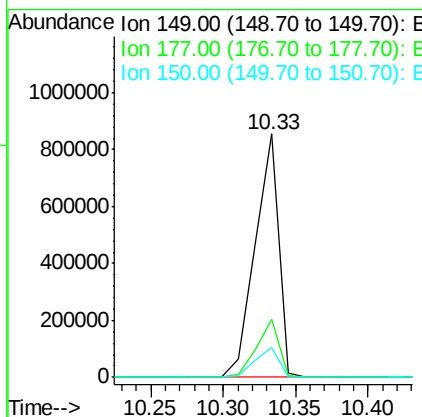
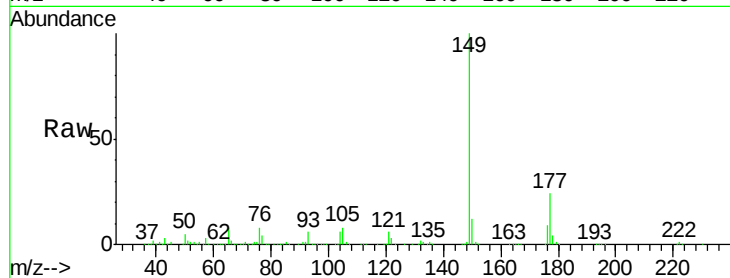
#59
Diethylphthalate
Concen: 35.93 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	15.7	23.5#
150	12.5	10.2	15.2

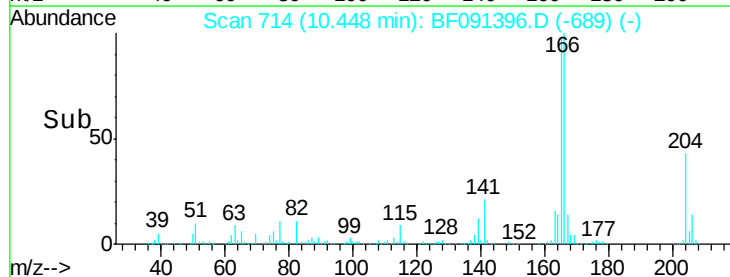
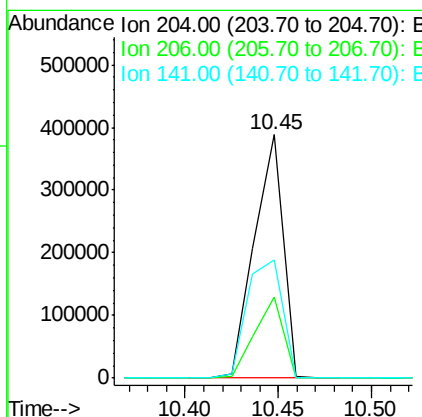
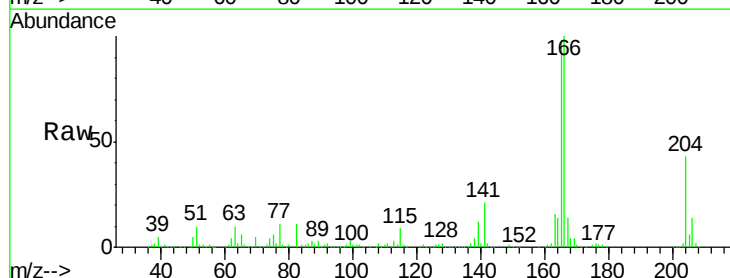
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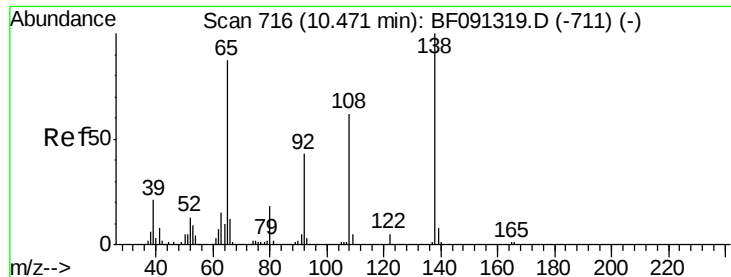
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#60
4-Chlorophenyl-phenylether
Concen: 31.70 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	48.4	40.6	61.0





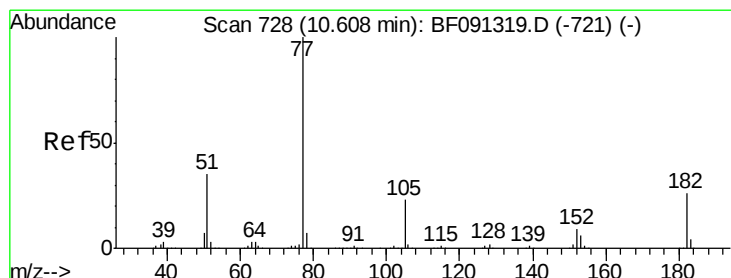
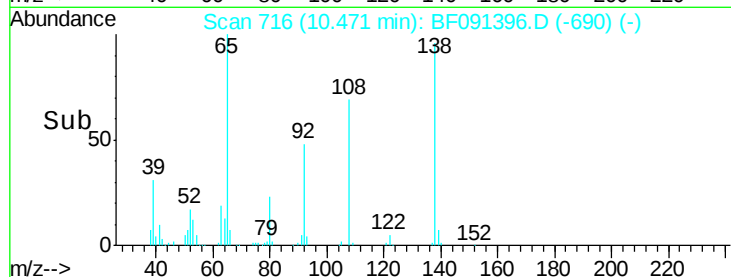
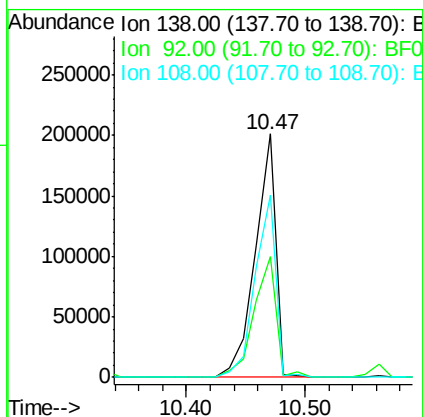
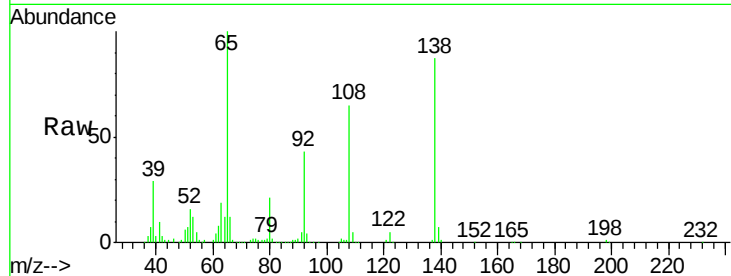
#61
4-Nitroaniline
Concen: 37.00 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.6	26.9	66.9
108	74.8	49.1	89.1

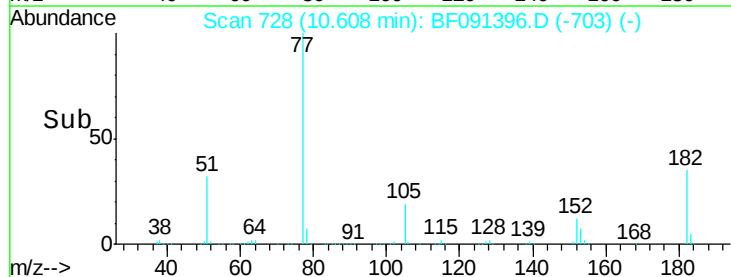
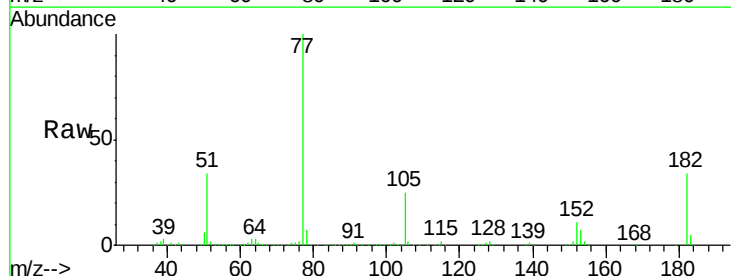
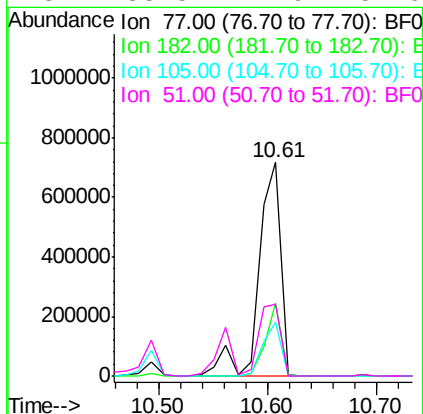
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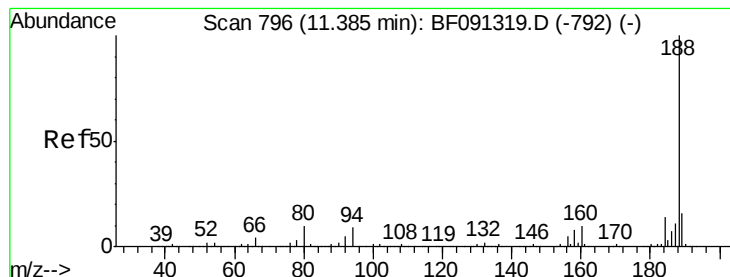
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#62
Azobenzene
Concen: 37.41 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	34.0	12.5	52.5
105	25.1	3.7	43.7
51	33.5	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

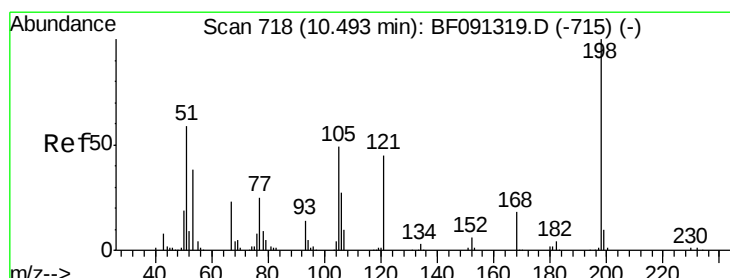
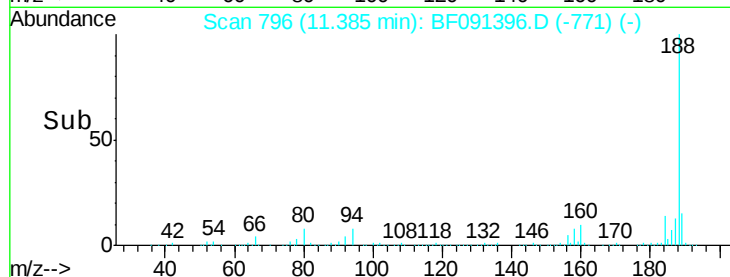
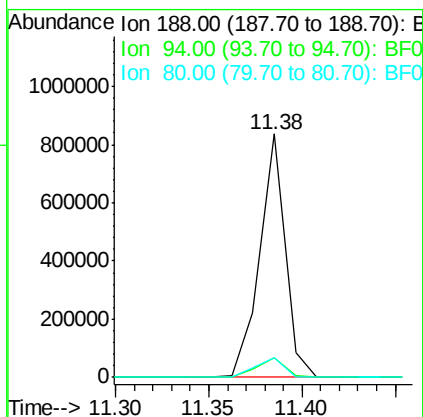
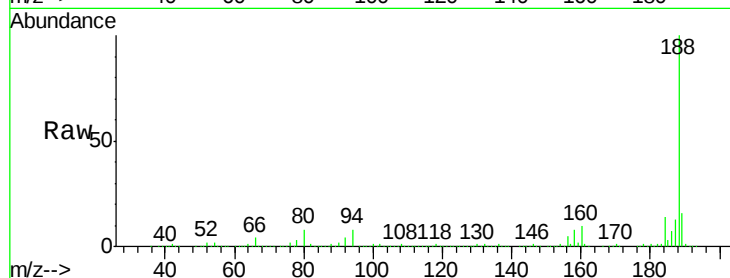
ClientSampleId :

113016-02MS

Tgt	Ion:188	Resp:	790533
Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.2	13.8#
80	8.2	10.5	15.7#

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#64

4,6-Dinitro-2-methylphenol

Concen: 35.99 ng

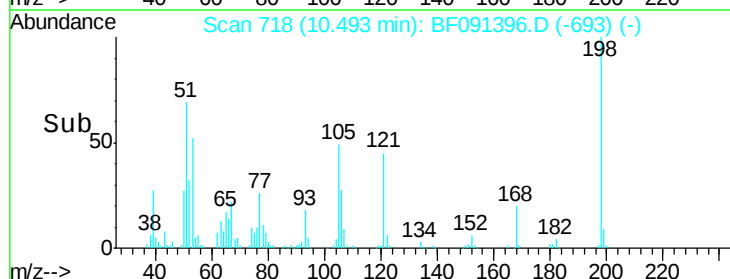
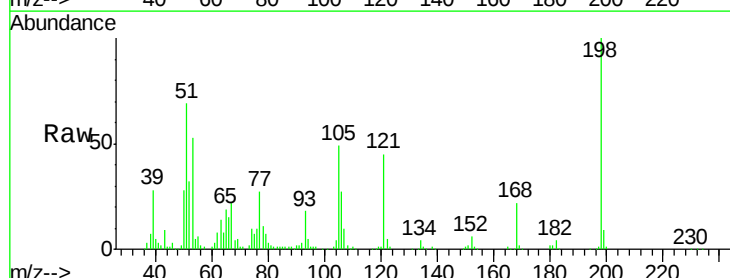
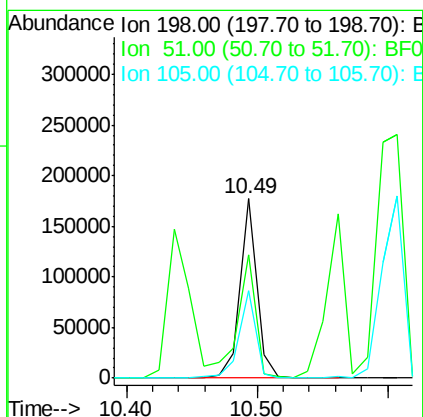
RT: 10.49 min Scan# 718

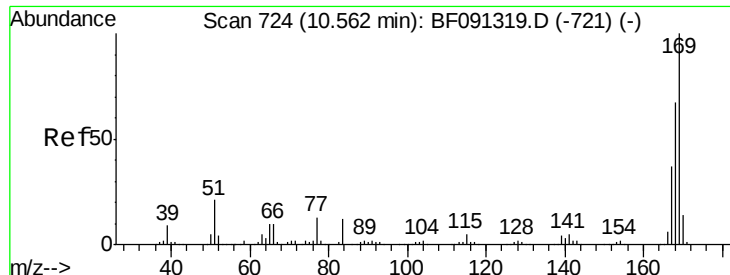
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt	Ion:198	Resp:	156740
Ion	Ratio	Lower	Upper
198	100		
51	69.2	77.1	117.1#
105	49.1	44.8	84.8





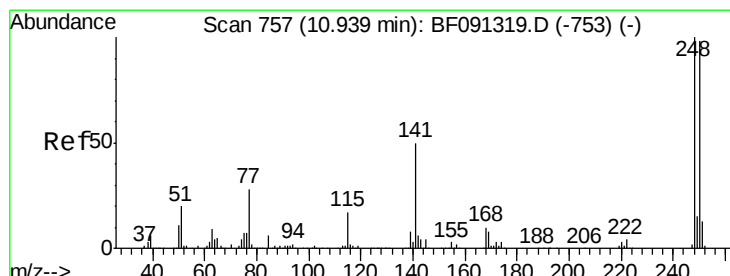
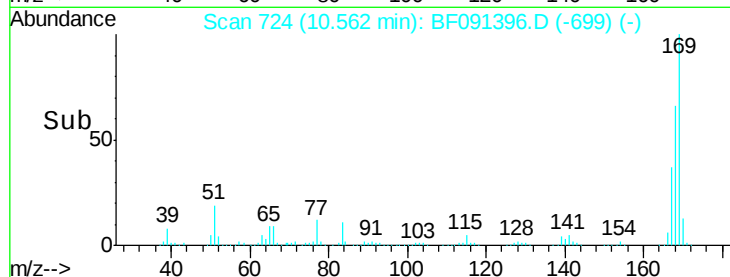
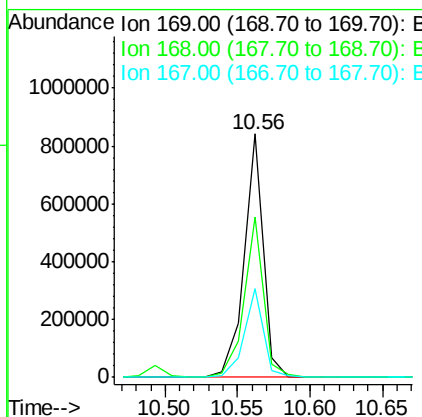
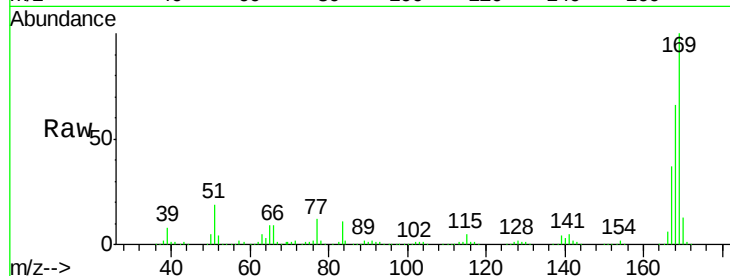
#65
 n-Nitrosodiphenylamine
 Concen: 31.96 ng
 RT: 10.56 min Scan# 724
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	66.1	53.8	80.8
167	36.5	29.8	44.8

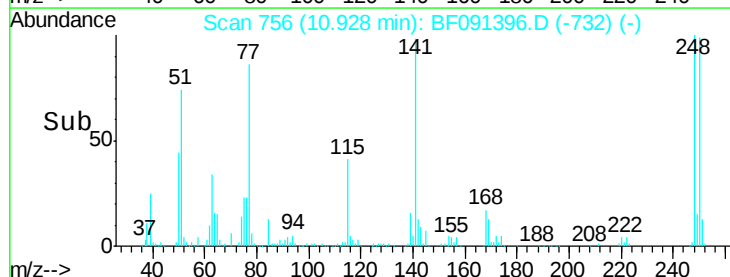
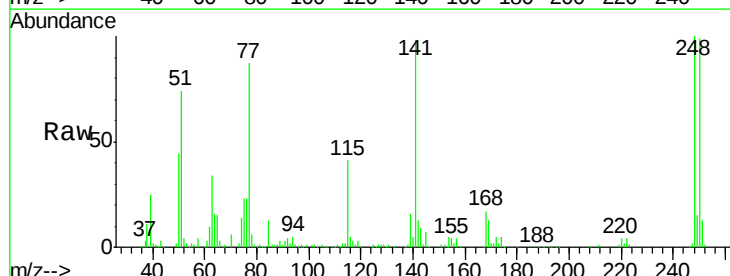
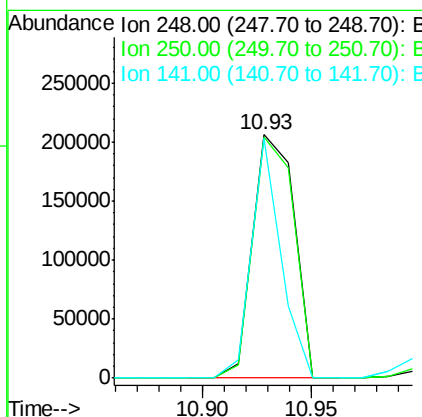
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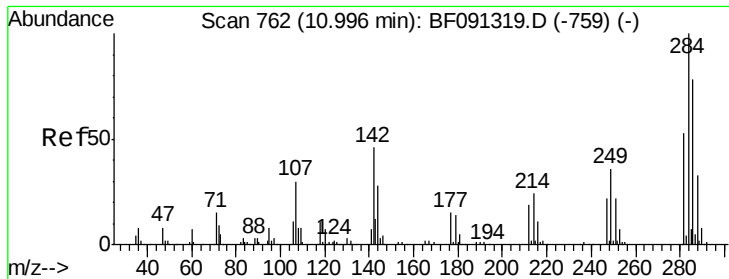
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#66
 4-Bromophenyl-phenylether
 Concen: 32.45 ng
 RT: 10.93 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	99.0	78.2	117.4
141	98.4	71.9	107.9





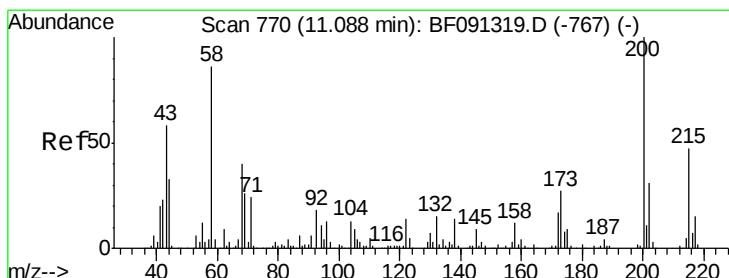
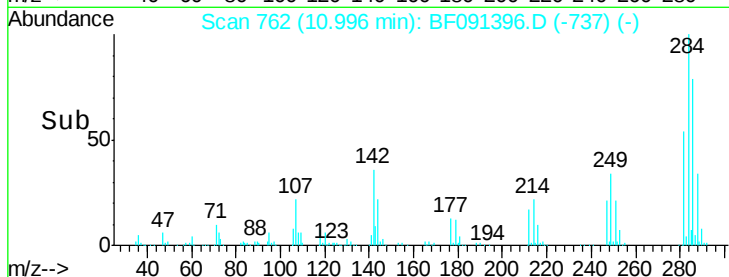
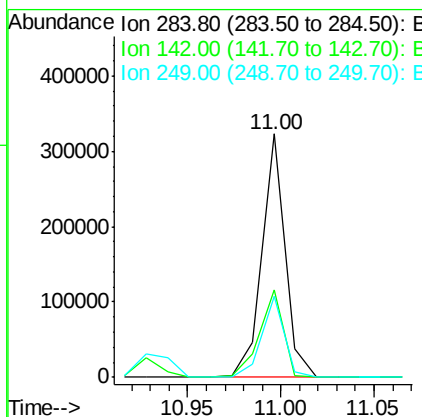
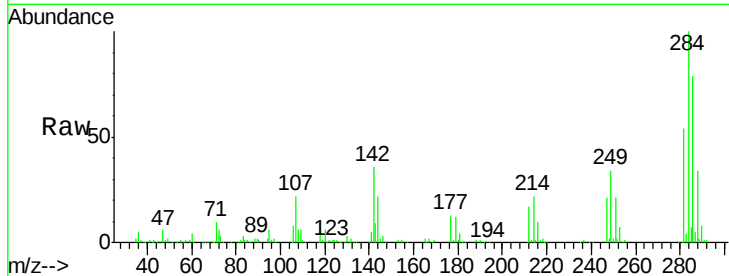
#67
Hexachlorobenzene
Concen: 30.48 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	279832		
142	35.8	17.9	26.9#	
249	33.6	23.6	35.4	

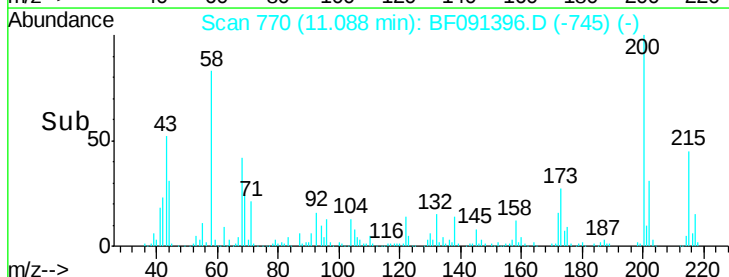
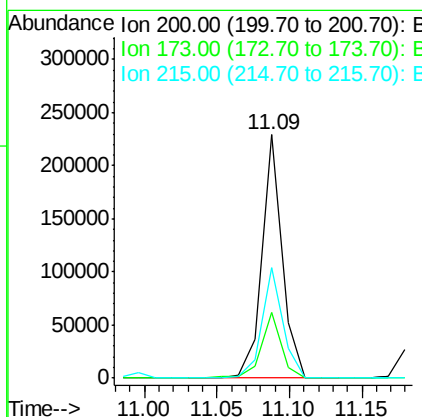
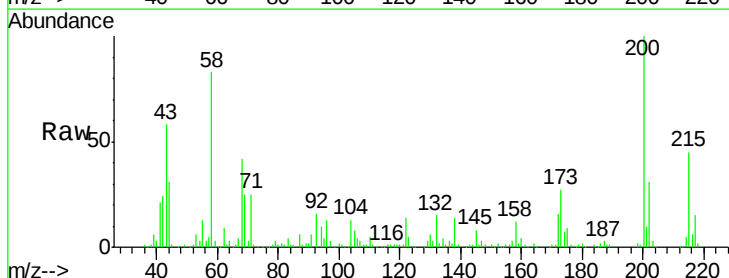
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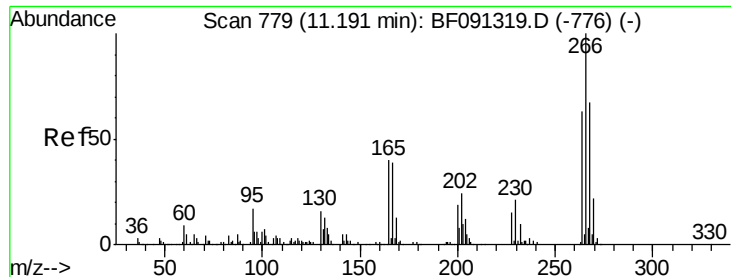
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#68
Atrazine
Concen: 28.47 ng
RT: 11.09 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	220979		
173	26.8	7.8	47.8	
215	45.2	24.3	64.3	





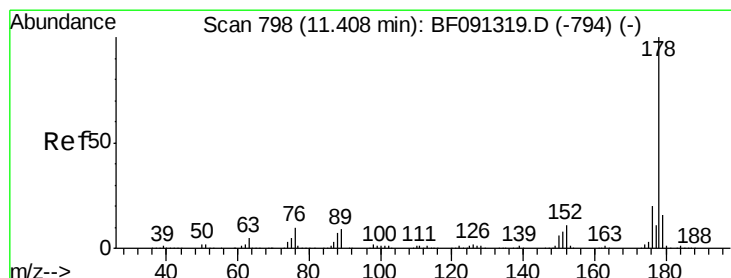
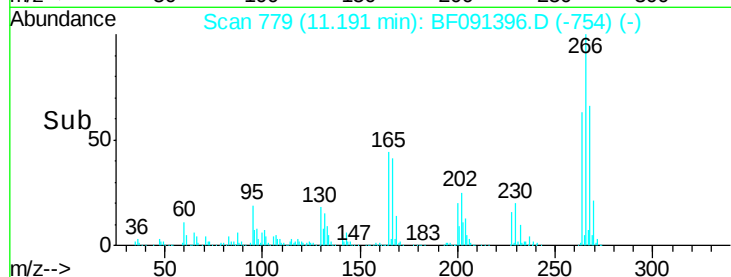
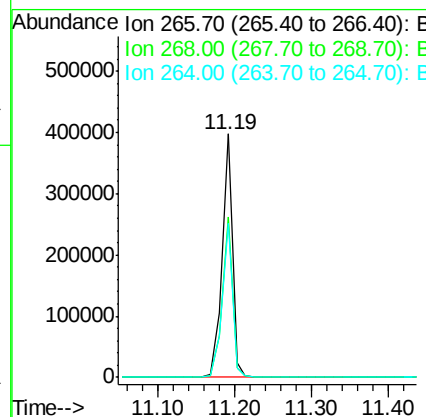
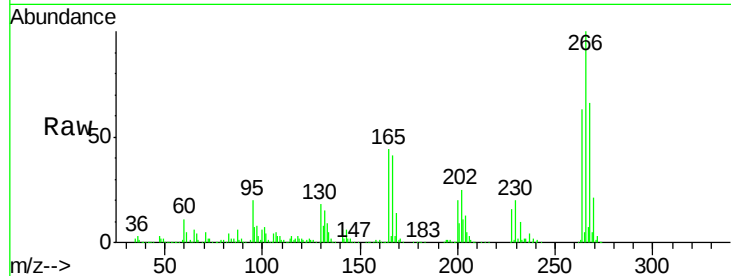
#69
 Pentachlorophenol
 Concen: 68.73 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.3	75.5
264	63.3	48.2	72.2

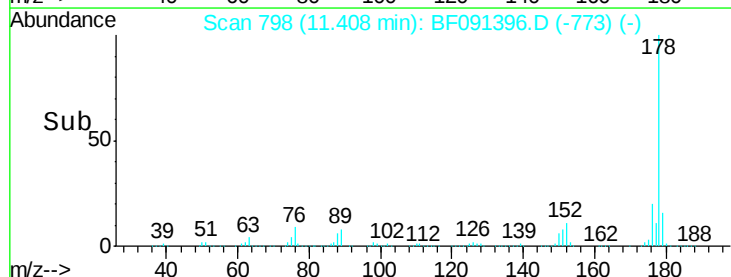
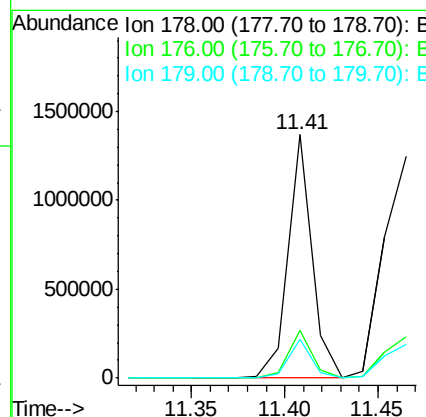
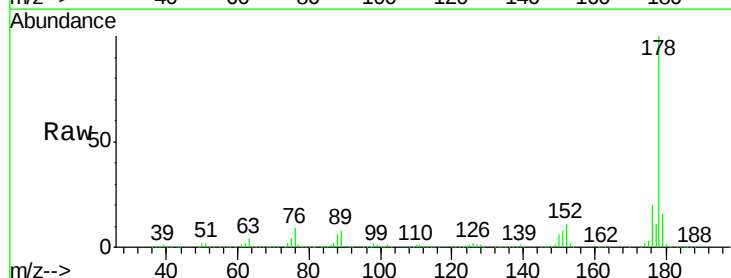
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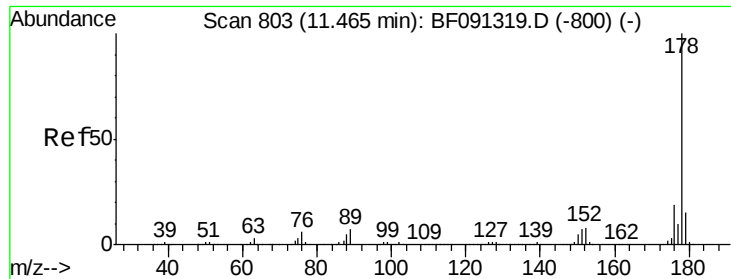
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#70
 Phenanthrene
 Concen: 29.82 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.0	12.6	18.8





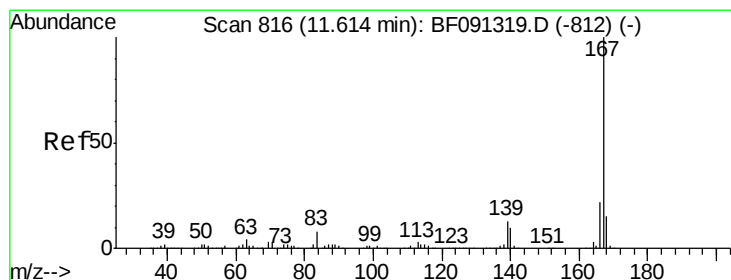
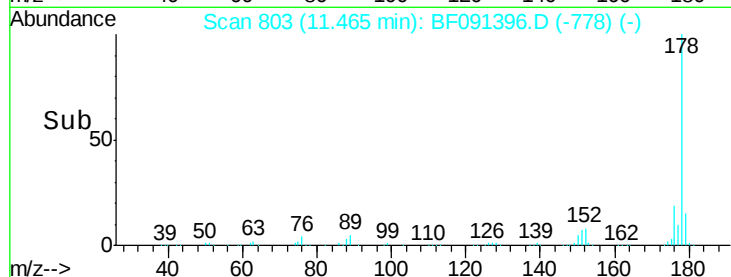
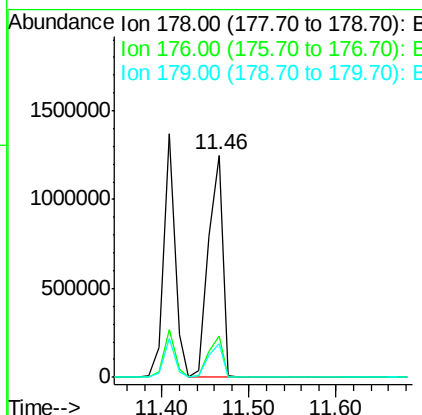
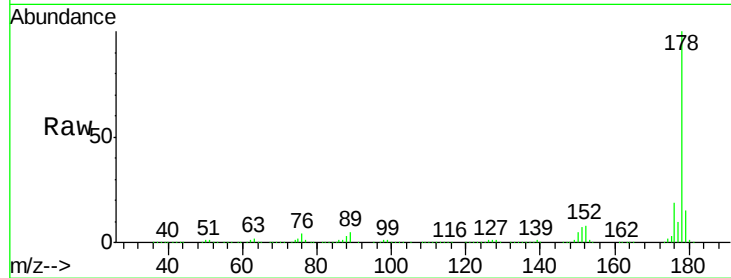
#71
 Anthracene
 Concen: 35.28 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion:178 Resp: 1438237
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.6
 179 15.2 12.7 19.1

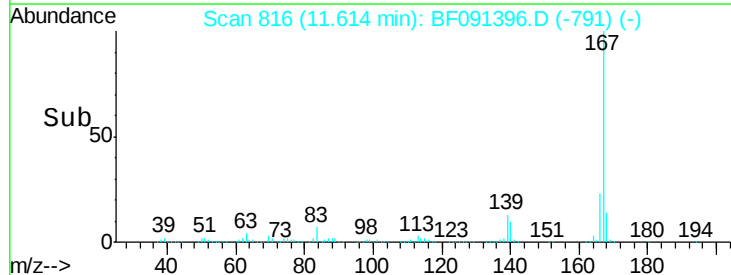
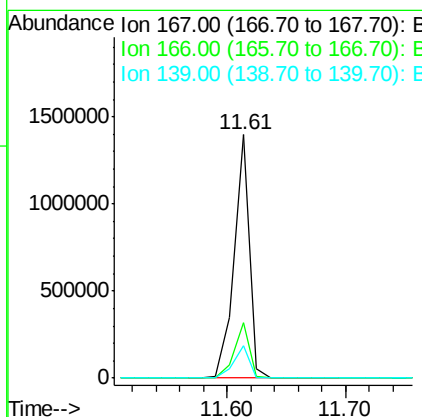
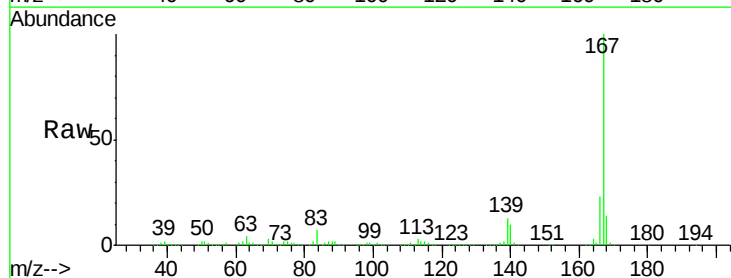
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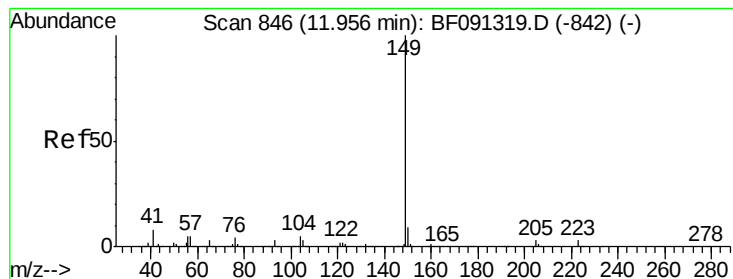
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#72
 Carbazole
 Concen: 33.73 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion:167 Resp: 1247651
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.4 11.5 17.3





#73

Di-n-butylphthalate

Concen: 34.10 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

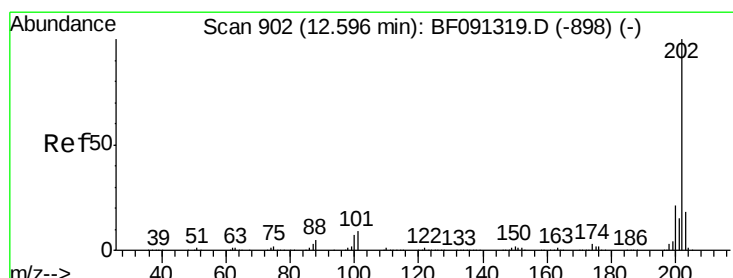
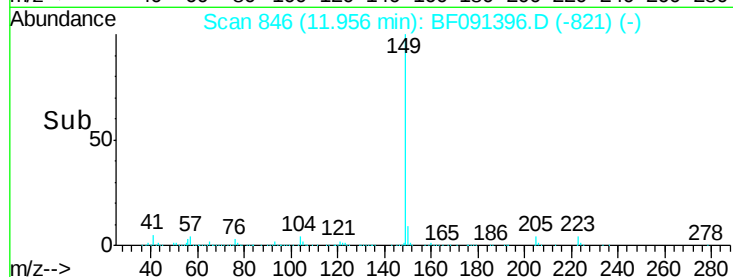
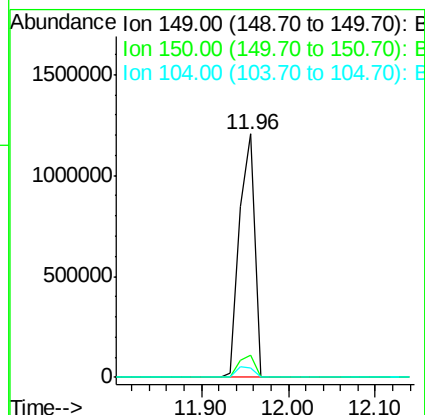
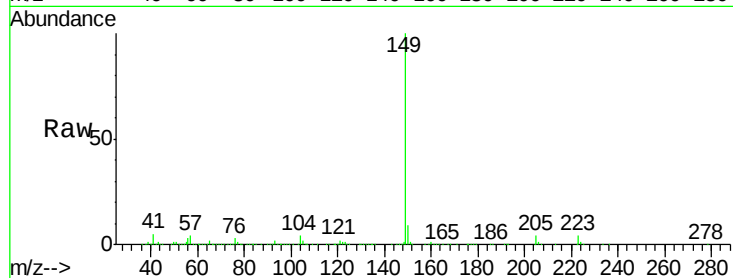
ClientSampleId :

113016-02MS

Tgt Ion:	149	Resp:	1429754
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.0	4.0	6.0

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#74

Fluoranthene

Concen: 39.23 ng

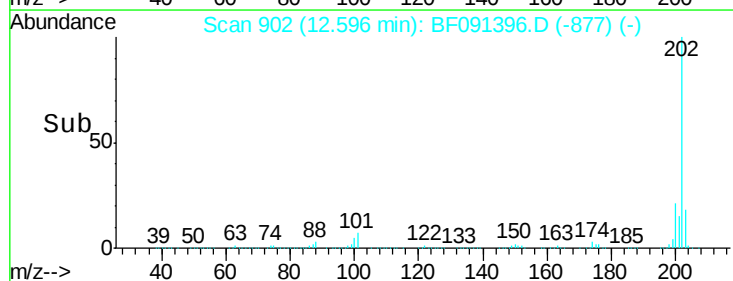
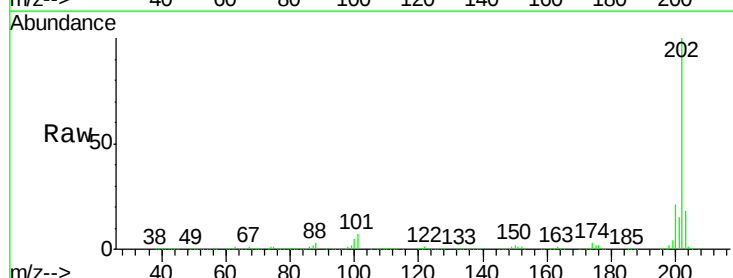
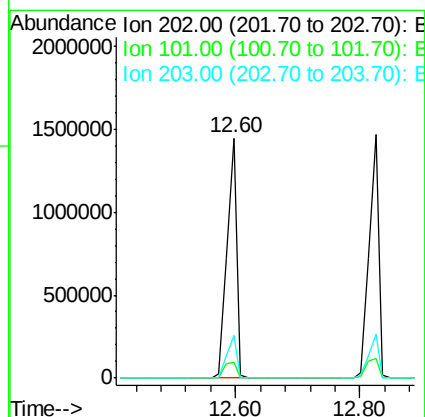
RT: 12.60 min Scan# 902

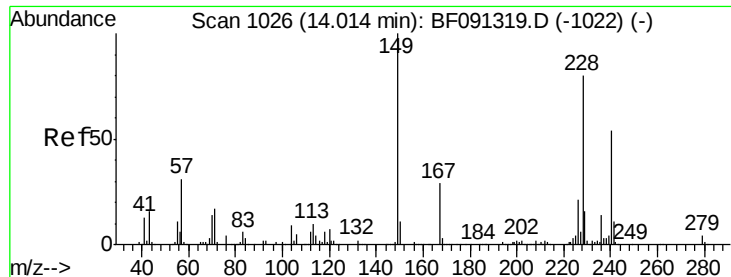
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	202	Resp:	1526497
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	29.5
203	17.8	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

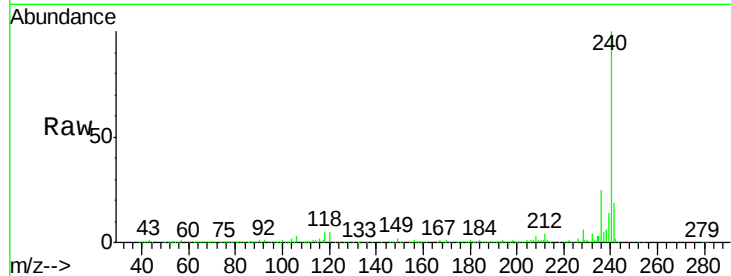
ClientSampleId :

113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	614355		
120	5.2	12.1	18.1#	
236	25.4	21.0	31.6	

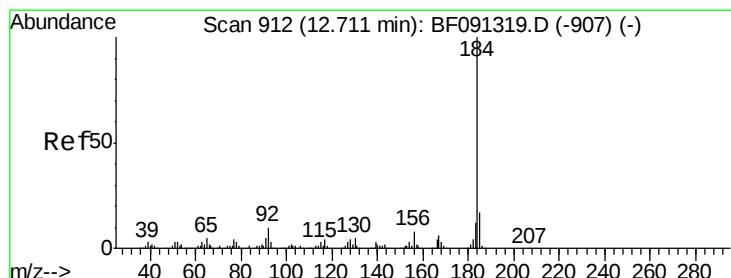
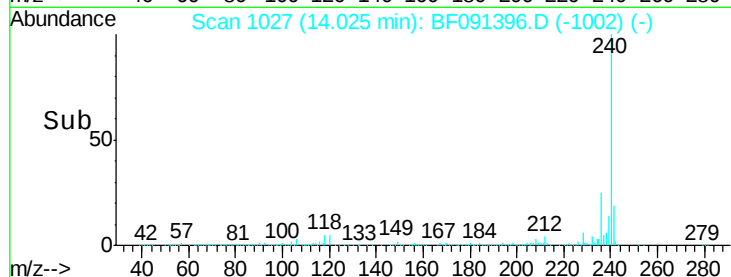
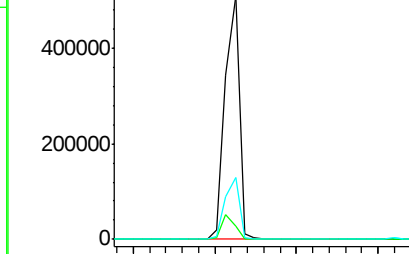
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

14.03



#76

Benzidine

Concen: 31.56 ng

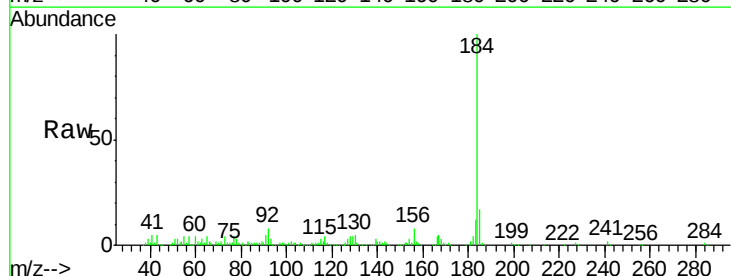
RT: 12.71 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF091396.D

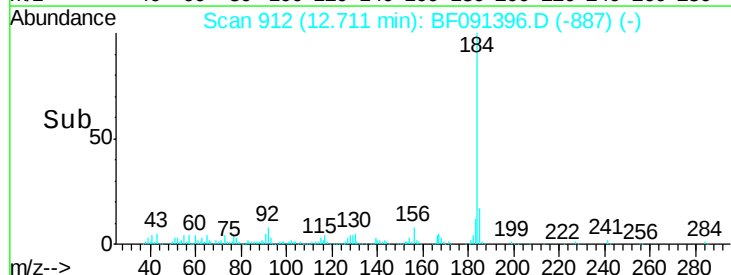
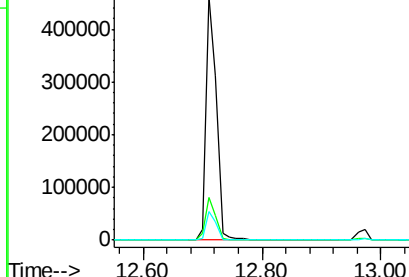
Acq: 2 Dec 2016 18:29

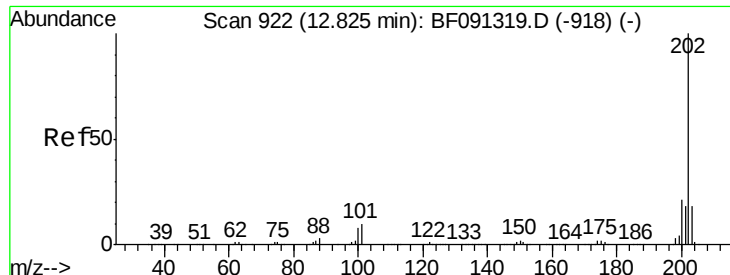
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	569241		
185	17.3	13.1	19.7	
183	11.9	8.9	13.3	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

12.71





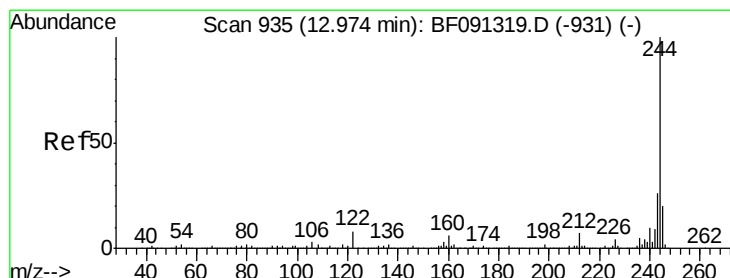
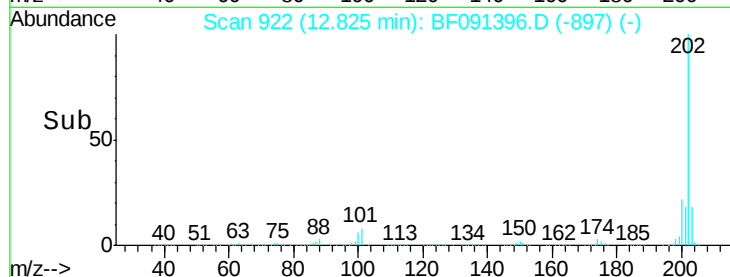
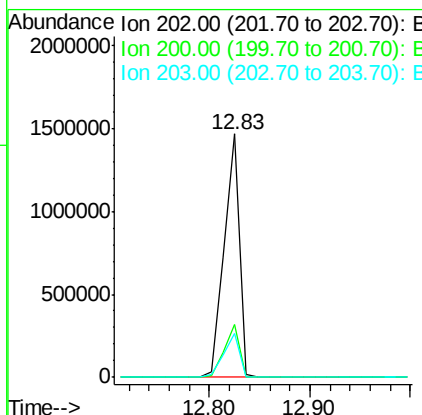
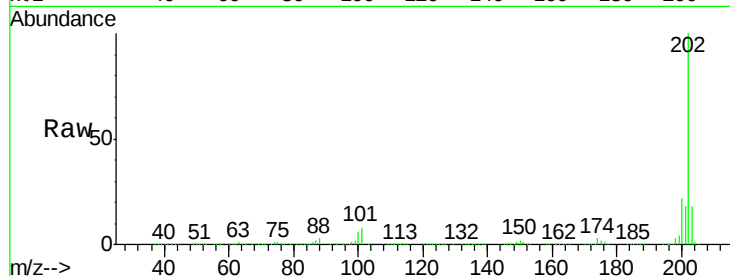
#77
 Pyrene
 Concen: 33.10 ng
 RT: 12.83 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	18.1	14.0	21.0

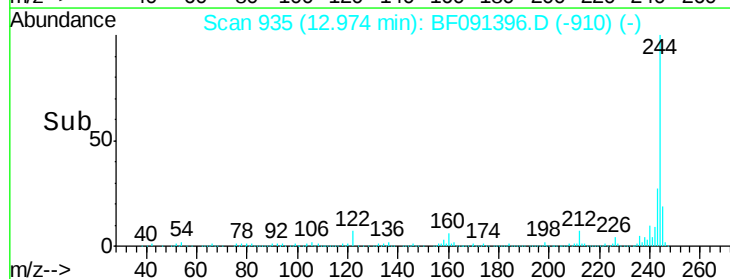
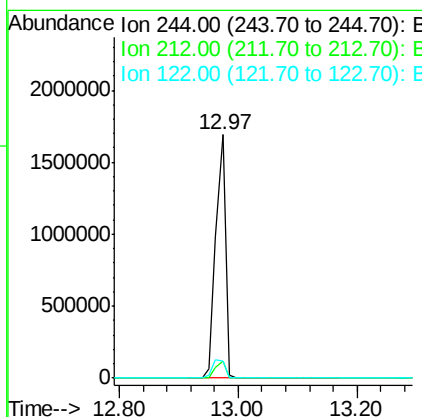
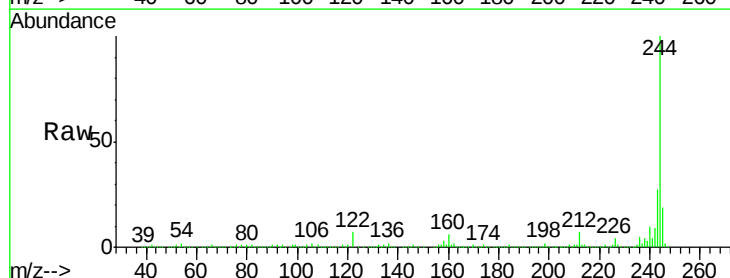
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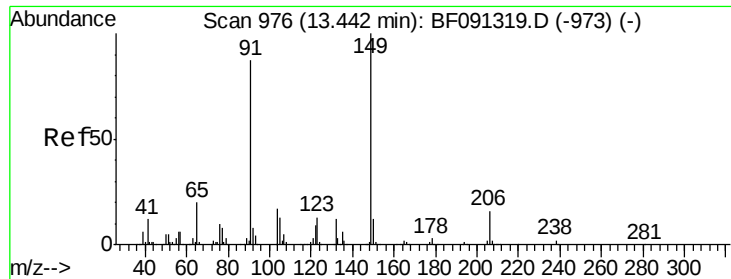
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#78
 Terphenyl-d14
 Concen: 67.22 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	6.9	9.5	14.3#





#79

Butylbenzylphthalate

Concen: 34.03 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

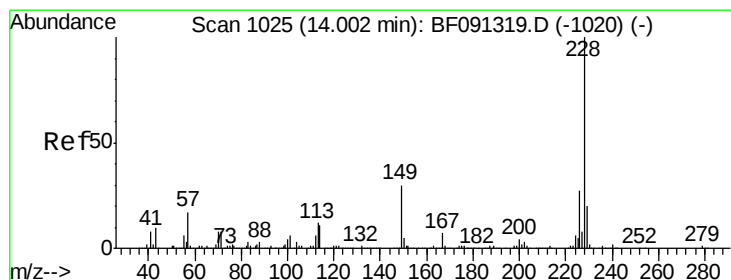
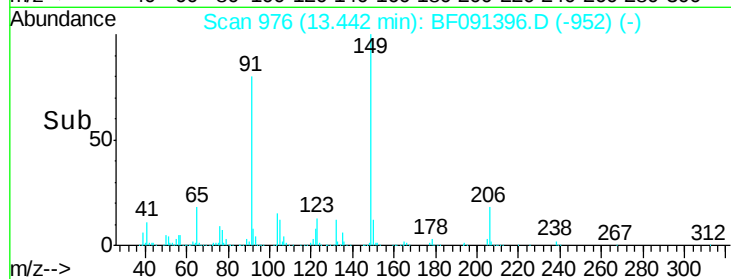
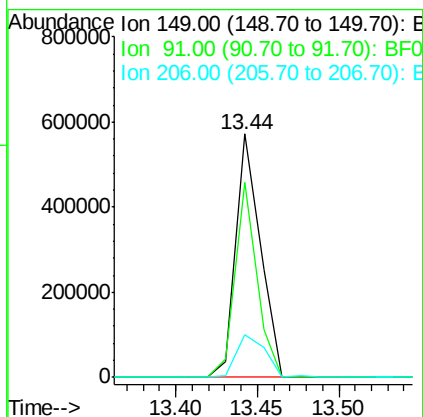
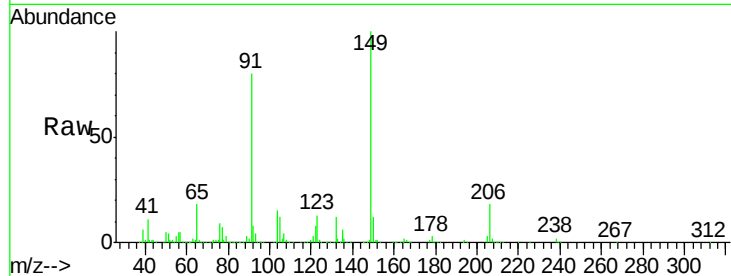
ClientSampleId :

113016-02MS

Tgt Ion:	149	Resp:	594190
Ion Ratio	Lower	Upper	
149	100		
91	79.9	57.4	86.2
206	17.7	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 32.30 ng

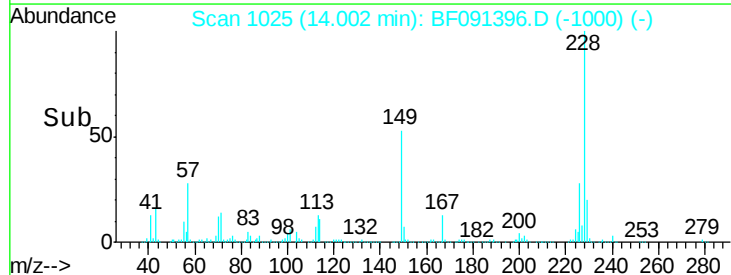
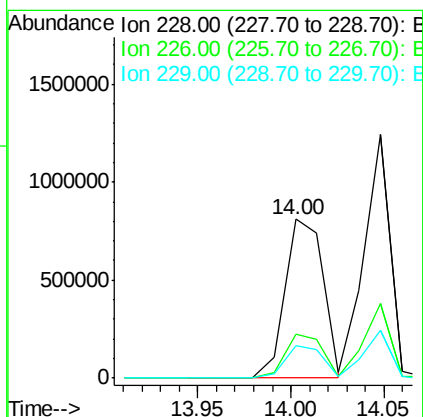
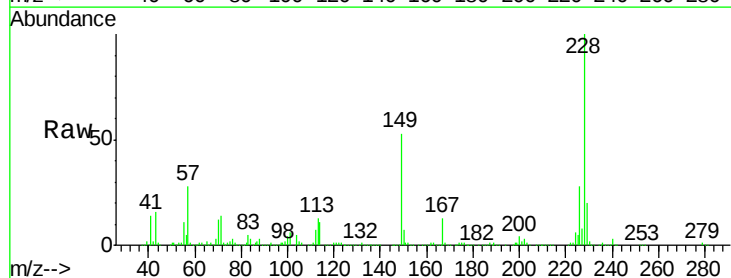
RT: 14.00 min Scan# 1025

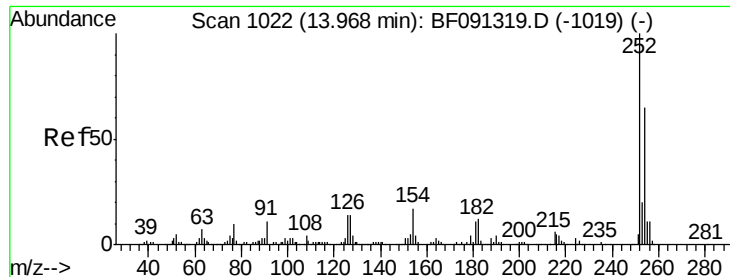
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:	228	Resp:	1160373
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.5	33.7
229	20.1	16.4	24.6





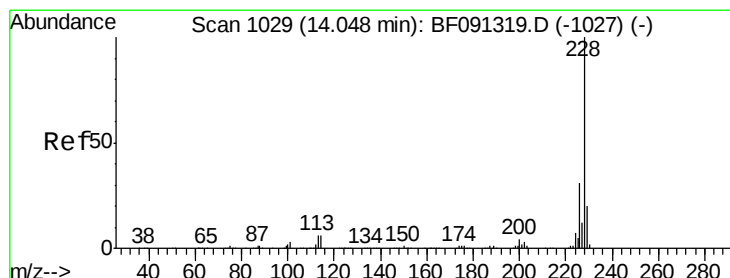
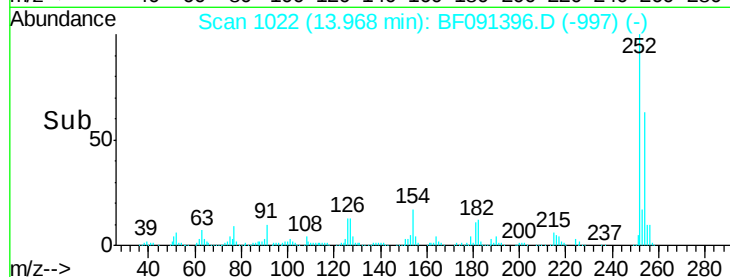
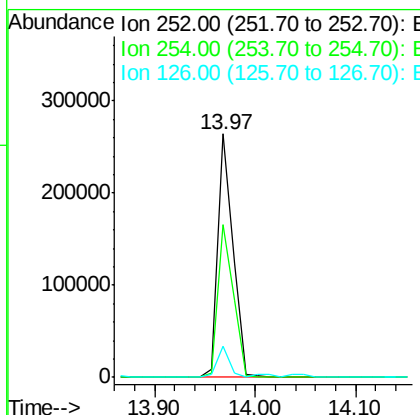
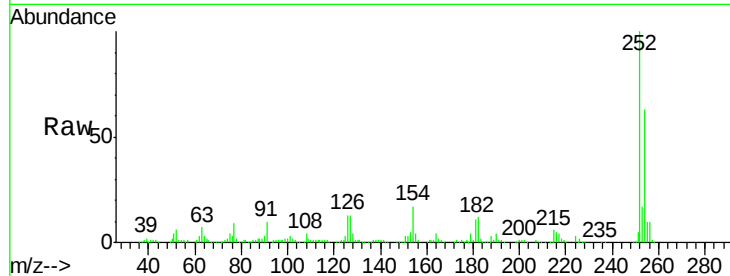
#81
 3,3'-Dichlorobenzidine
 Concen: 21.95 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	277791		
254	63.0	52.1	78.1	
126	12.9	7.5	11.3	

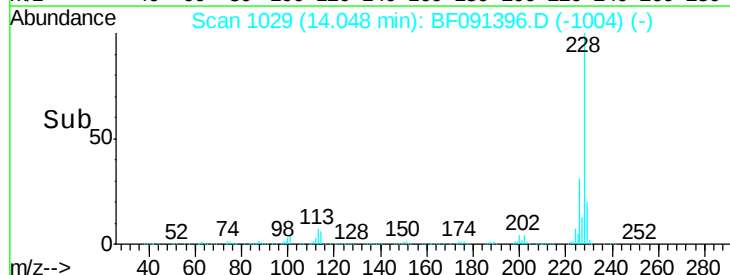
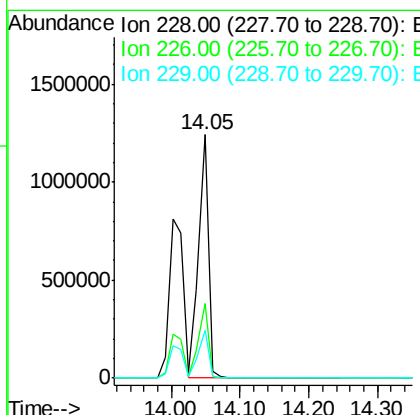
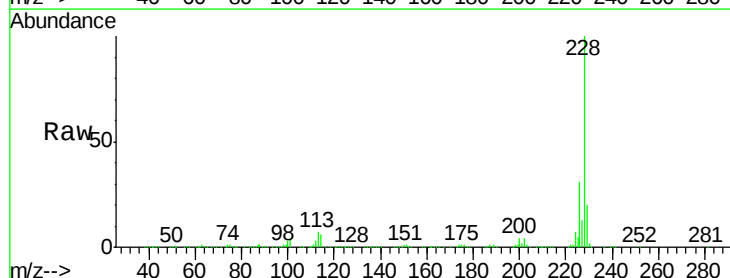
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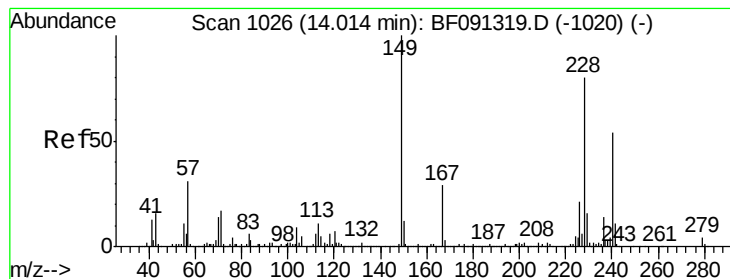
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#82
 Chrysene
 Concen: 33.75 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1199697		
226	30.6	25.0	37.4	
229	19.8	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.58 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

ClientSampleId :

113016-02MS

Tgt Ion:149 Resp: 787442
Ion Ratio Lower Upper

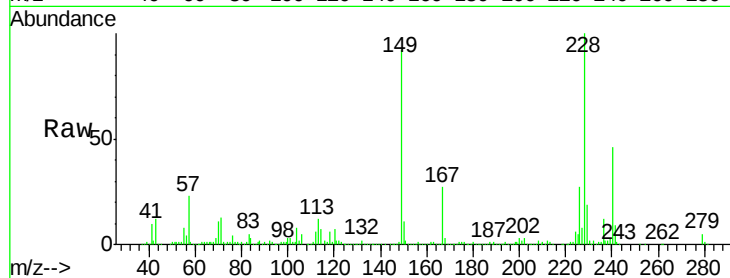
149 100

167 29.1 19.6 29.4

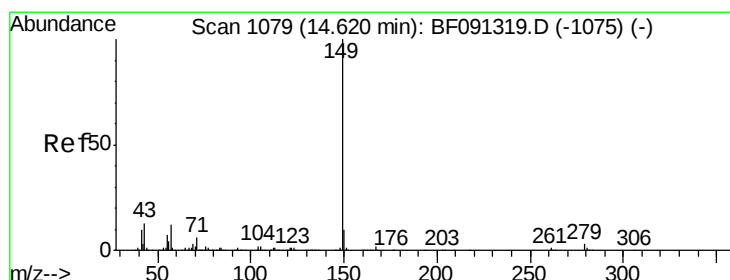
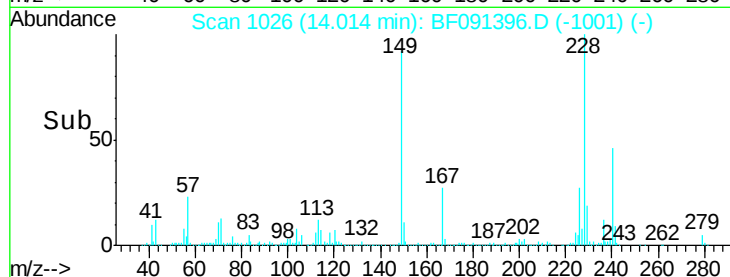
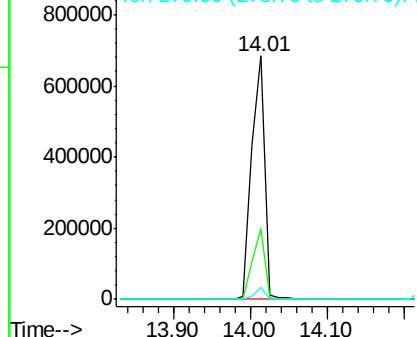
279 5.1 1.9 2.9#

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



#84

Di-n-octyl phthalate

Concen: 39.24 ng

RT: 14.62 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

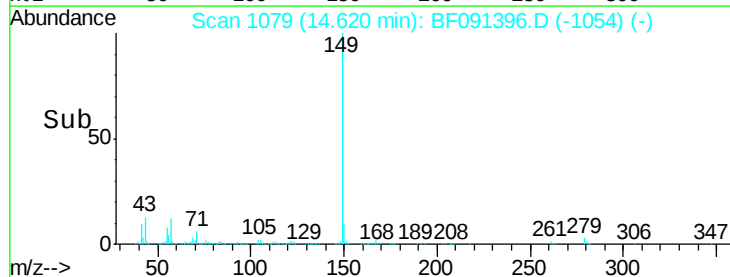
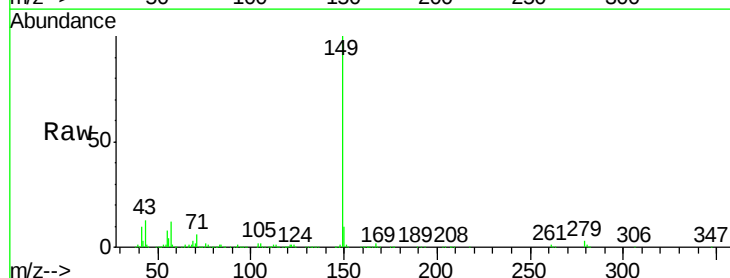
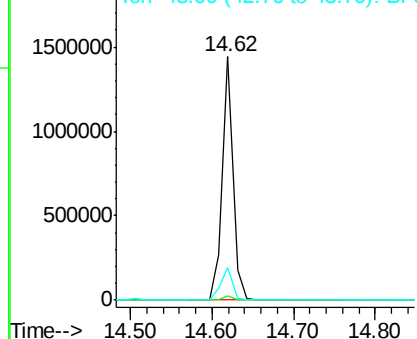
Tgt Ion:149 Resp: 1313994
Ion Ratio Lower Upper

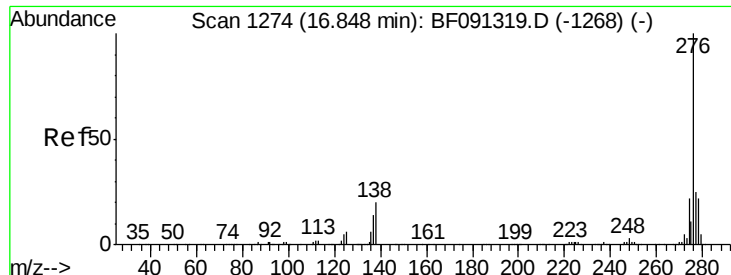
149 100

167 1.6 1.3 1.9

43 14.2 11.9 17.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





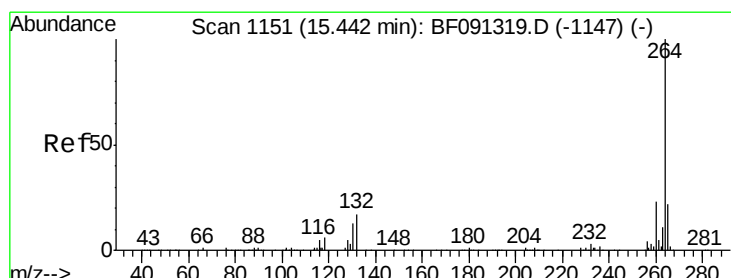
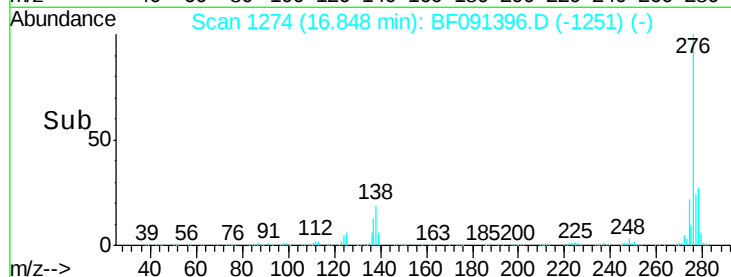
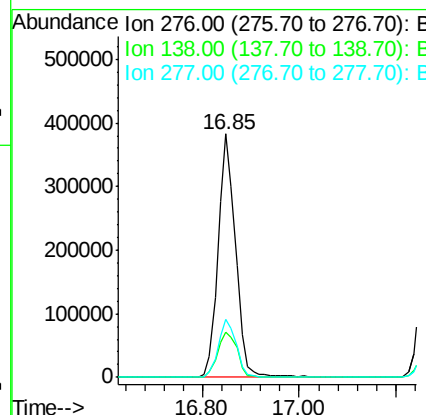
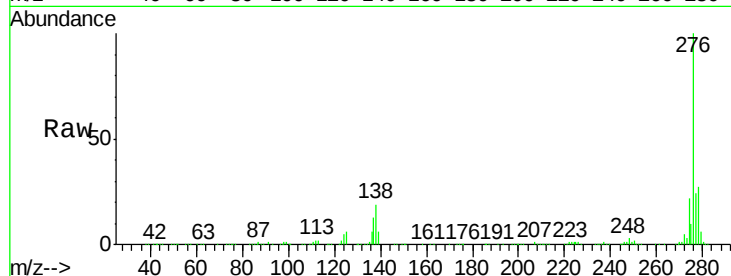
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.05 ng
RT: 16.85 min Scan# 1274
Delta R.T. -0.04 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	21.0	31.4
277	24.9	20.2	30.2

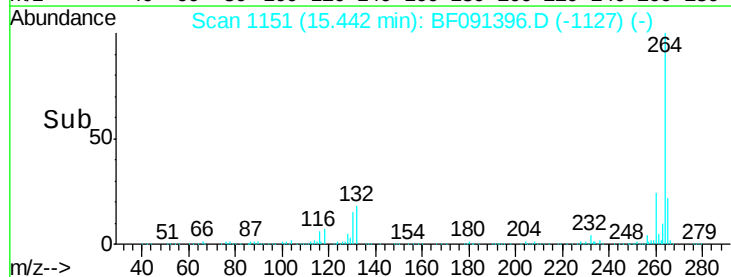
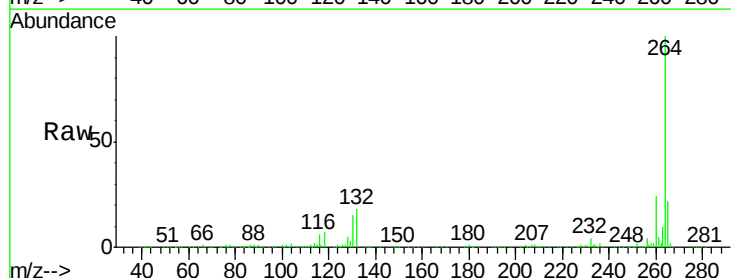
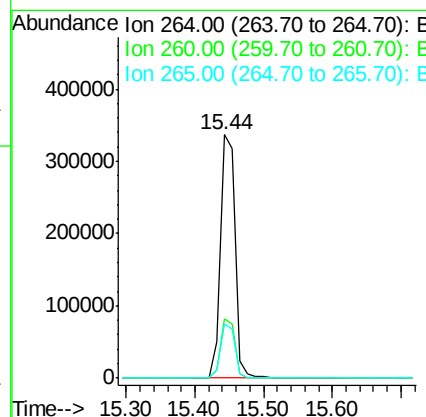
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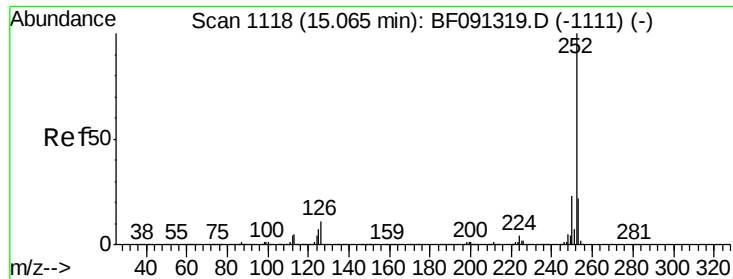
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.2	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 35.82 ng m

RT: 15.04 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Instrument :

BNA_F

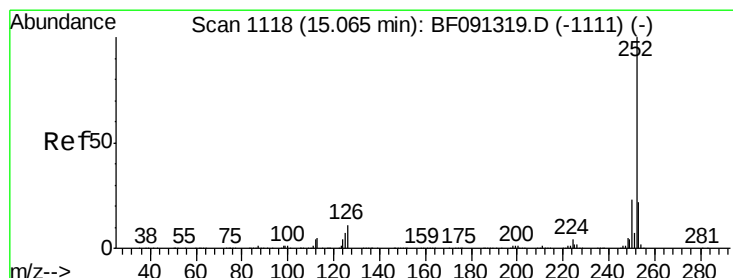
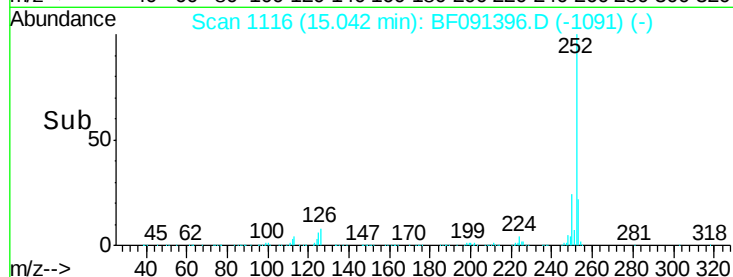
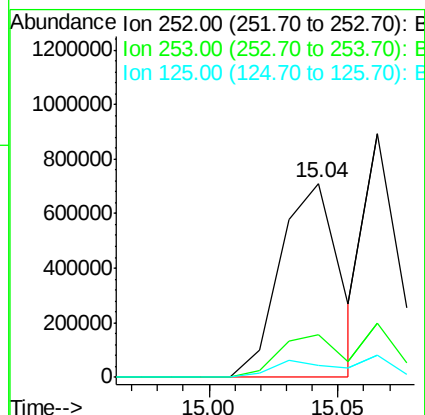
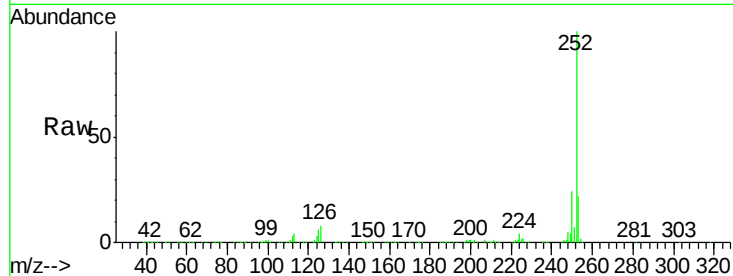
ClientSampleId :

113016-02MS

Tgt Ion:252 Resp: 1138430
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.2
 125 6.2 8.6 13.0#

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#88

Benzo(k)fluoranthene

Concen: 30.29 ng m

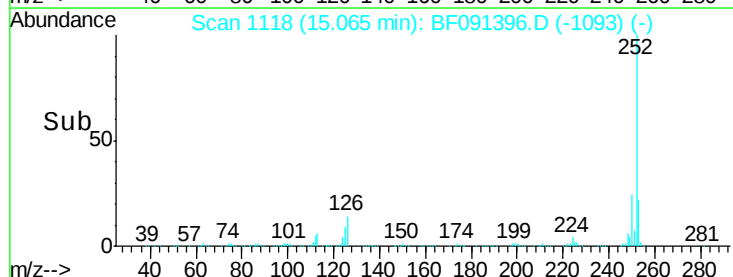
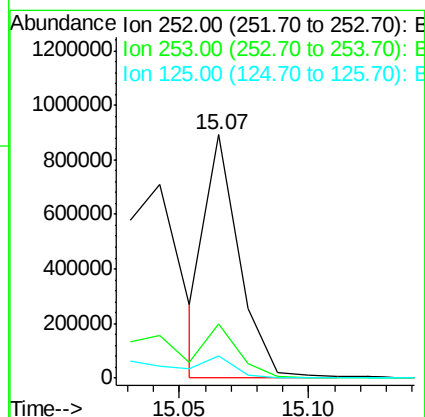
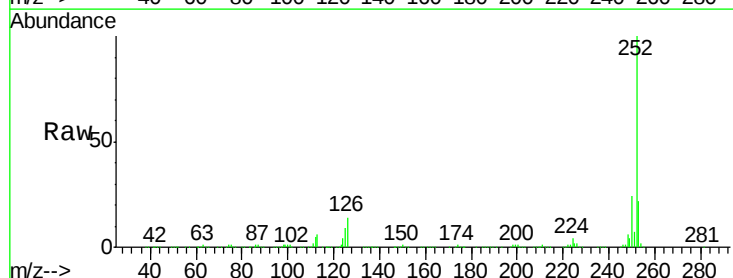
RT: 15.07 min Scan# 1118

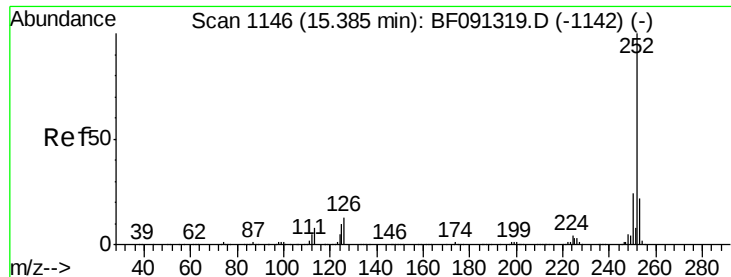
Delta R.T. -0.02 min

Lab File: BF091396.D

Acq: 2 Dec 2016 18:29

Tgt Ion:252 Resp: 809711
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.8 26.8
 125 9.3 9.6 14.4#





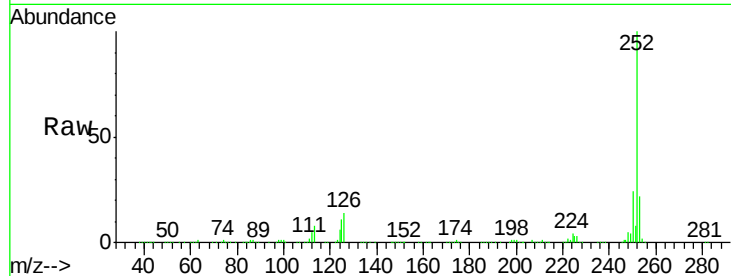
#89
Benzo(a)pyrene
Concen: 31.95 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Instrument :
BNA_F
ClientSampleId :
113016-02MS

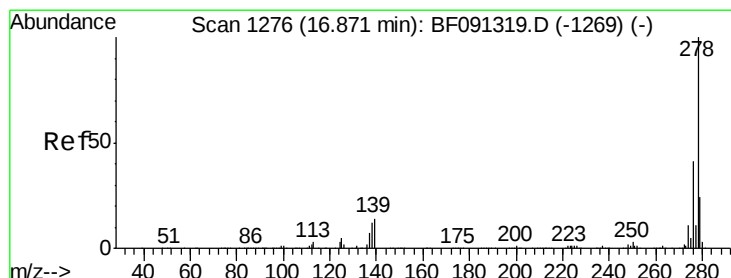
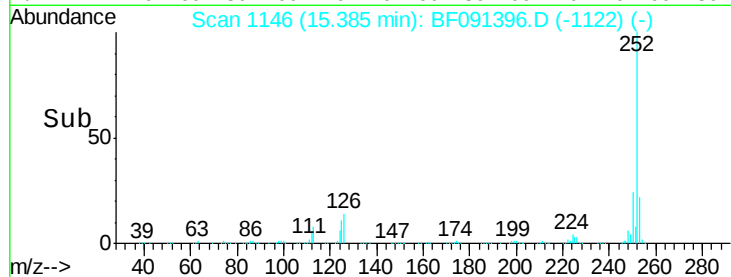
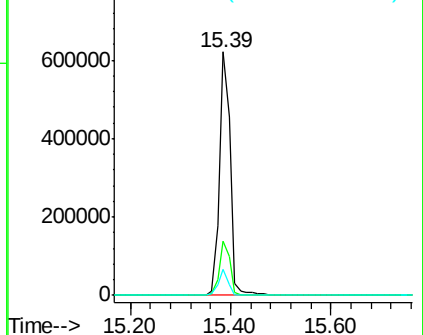
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	10.8	10.4	15.6

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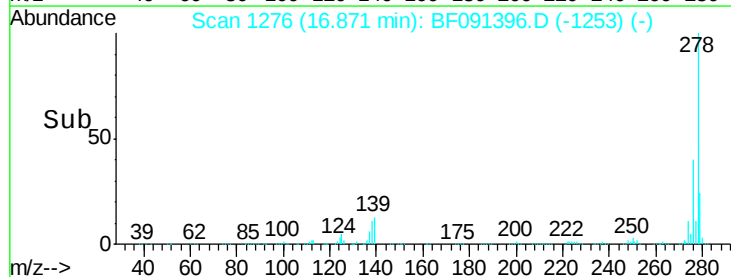
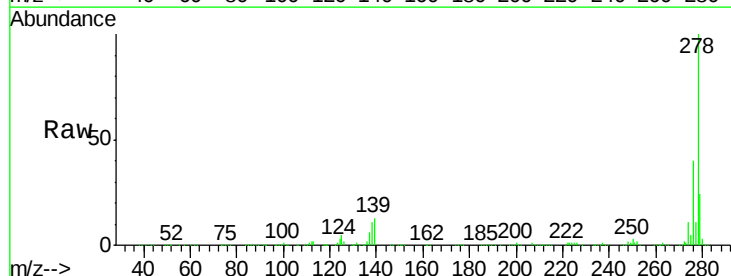
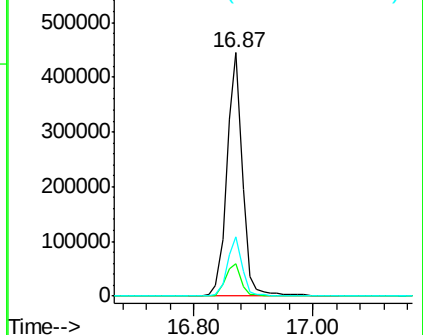
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

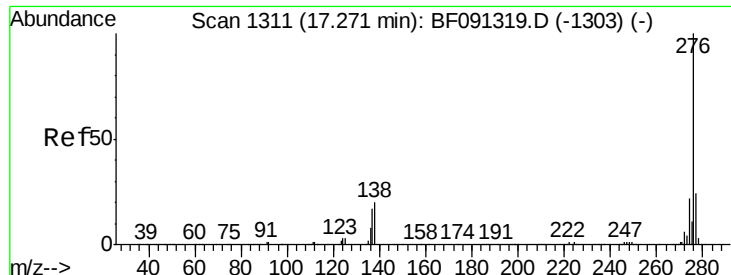


#90
Dibenzo(a,h)anthracene
Concen: 30.53 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091396.D
Acq: 2 Dec 2016 18:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.1	22.7#
279	24.2	19.0	28.6

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





#91
 Benzo(g,h,i)perylene
 Concen: 30.06 ng
 RT: 17.27 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF091396.D
 Acq: 2 Dec 2016 18:29

Instrument :
 BNA_F
 ClientSampleId :
 113016-02MS

Tgt Ion:	276	Resp:	818406
Ion Ratio		Lower	Upper
276	100		
277	23.9	19.0	28.4
138	18.6	15.4	23.0

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