

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091019.D
 Acq On : 4 Nov 2016 11:41
 Operator : UM/SJ
 Sample : H5509-28MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Manual Integrations
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Quant Time: Nov 04 12:06:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172985	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	763645	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	395159	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	606951	20.00	ng	0.00
75) Chrysene-d12	13.86	240	503610	20.00	ng	0.00
86) Perylene-d12	15.24	264	330789	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	951791	90.87	ng	0.01
7) Phenol-d6	6.35	99	944968	66.47	ng	0.00
23) Nitrobenzene-d5	7.28	82	1314988	93.94	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	609739	170.68	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	2329089	101.47	ng	0.00
78) Terphenyl-d14	12.81	244	1977464	97.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	133354	22.26	ng	98
3) Pyridine	2.96	79	171633	12.25	ng	99
4) n-Nitrosodimethylamine	2.88	42	153755	27.73	ng	93
6) Aniline	6.36	93	410281	24.47	ng	# 58
8) 2-Chlorophenol	6.49	128	548675	43.92	ng	100
9) Benzaldehyde	6.25	77	71207	9.02	ng	95
10) Phenol	6.36	94	371615	23.62	ng	94
11) bis(2-Chloroethyl)ether	6.44	93	651710	49.16	ng	98
12) 1,3-Dichlorobenzene	6.64	146	595404m	47.12	ng	
13) 1,4-Dichlorobenzene	6.72	146	604931	44.62	ng	94
14) 1,2-Dichlorobenzene	6.88	146	607579	48.83	ng	97
15) Benzyl Alcohol	6.85	79	360291	35.93	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	742796	39.13	ng	91
17) 2-Methylphenol	6.98	107	392492	39.68	ng	99
18) Hexachloroethane	7.22	117	252484	48.12	ng	91
19) n-Nitroso-di-n-propylamine	7.13	70	532552	54.06	ng	98
20) 3+4-Methylphenols	7.14	107	502231	42.29	ng	99
22) Acetophenone	7.13	105	923712	52.53	ng	97
24) Nitrobenzene	7.30	77	786333	50.86	ng	95
25) Isophorone	7.54	82	1420187	52.65	ng	99
26) 2-Nitrophenol	7.61	139	326145	49.85	ng	91
27) 2,4-Dimethylphenol	7.66	122	550771	50.90	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	906104	61.49	ng	99
29) 2,4-Dichlorophenol	7.86	162	496162	52.54	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	561500	52.88	ng	99
31) Naphthalene	8.02	128	1837002	50.30	ng	100
32) Benzoic acid	7.78	122	159189	21.94	ng	99
33) 4-Chloroaniline	8.08	127	365472	24.06	ng	98
34) Hexachlorobutadiene	8.13	225	296883	51.80	ng	99
35) Caprolactam	8.45	113	36977m	12.46	ng	
36) 4-Chloro-3-methylphenol	8.56	107	544558	47.63	ng	87
37) 2-Methylnaphthalene	8.70	142	1159440	49.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	566127	56.19	ng	99
40) Hexachlorocyclopentadiene	8.86	237	503764	124.72	ng	98

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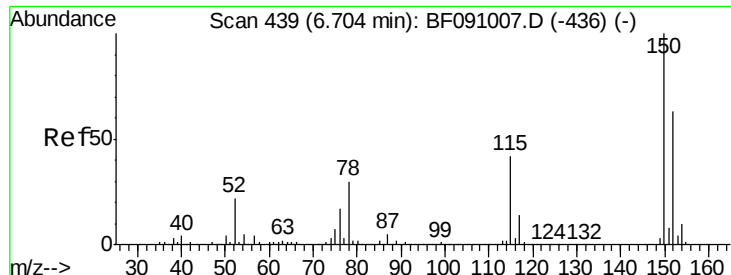
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	364743	56.08	ng	100
43) 2,4,5-Trichlorophenol	9.04	196	352056	51.56	ng #	92
45) 1,1'-Biphenyl	9.17	154	1458009	50.53	ng	99
46) 2-Chloronaphthalene	9.20	162	1162111	53.05	ng	99
47) 2-Nitroaniline	9.30	65	415382	51.09	ng	98
48) Acenaphthylene	9.61	152	1588123	46.52	ng	99
49) Dimethylphthalate	9.48	163	1425464	55.01	ng	100
50) 2,6-Dinitrotoluene	9.55	165	308094	55.48	ng #	48
51) Acenaphthene	9.78	154	990375	46.21	ng	99
52) 3-Nitroaniline	9.71	138	193647	29.41	ng	97
53) 2,4-Dinitrophenol	9.82	184	304608	99.08	ng #	91
54) Dibenzofuran	9.95	168	1438723	49.87	ng	99
55) 4-Nitrophenol	9.89	139	203627	48.84	ng #	76
56) 2,4-Dinitrotoluene	9.95	165	406555	57.54	ng	92
57) Fluorene	10.29	166	1078624	45.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	313258	58.56	ng	98
59) Diethylphthalate	10.18	149	1282907	48.29	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	593393	55.29	ng	96
61) 4-Nitroaniline	10.33	138	259773	39.00	ng	98
62) Azobenzene	10.45	77	1390788	44.47	ng	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	213410	57.42	ng	90
65) n-Nitrosodiphenylamine	10.41	169	1003060	51.99	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	346199	54.84	ng	88
67) Hexachlorobenzene	10.84	284	413838	59.43	ng	93
68) Atrazine	10.95	200	296015	53.19	ng	99
69) Pentachlorophenol	11.04	266	392547	127.29	ng	99
70) Phenanthrene	11.25	178	1737391	53.85	ng	99
71) Anthracene	11.30	178	1678644	48.94	ng	100
72) Carbazole	11.46	167	1414247	45.75	ng	99
73) Di-n-butylphthalate	11.80	149	2099313	54.00	ng	100
74) Fluoranthene	12.43	202	1709522	51.09	ng	97
77) Pyrene	12.66	202	1641102	49.76	ng	100
79) Butylbenzylphthalate	13.29	149	819302	51.93	ng	93
80) Benzo(a)anthracene	13.85	228	1467479	51.32	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	312228	31.08	ng #	96
82) Chrysene	13.89	228	1473553	52.26	ng	100
83) Bis(2-ethylhexyl)phthalate	13.85	149	1148988	53.82	ng #	98
84) Di-n-octyl phthalate	14.47	149	2072207	59.03	ng	98
85) Indeno(1,2,3-cd)pyrene	16.57	276	1136668	48.59	ng	99
87) Benzo(b)fluoranthene	14.87	252	1314583m	58.59	ng	
88) Benzo(k)fluoranthene	14.89	252	1029976m	52.34	ng	
89) Benzo(a)pyrene	15.20	252	1084686	55.54	ng	99
90) Dibenzo(a,h)anthracene	16.58	278	978015	57.93	ng	100
91) Benzo(g,h,i)perylene	16.96	276	900314	58.96	ng	100

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



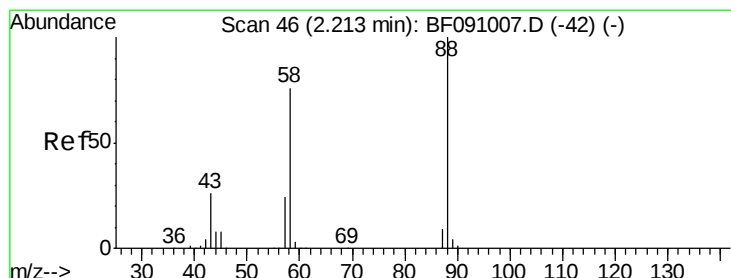
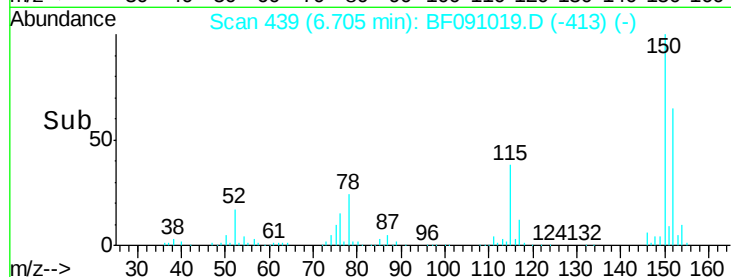
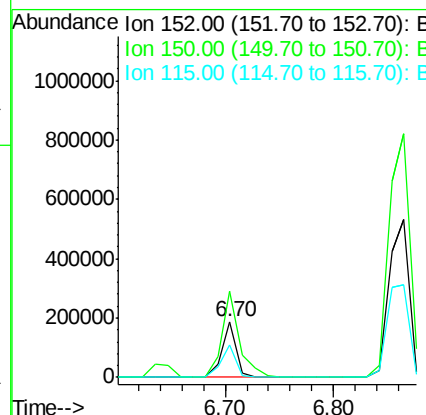
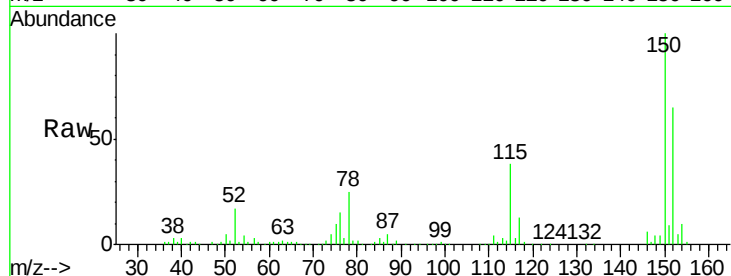
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.8	190.2
115	58.5	53.3	79.9

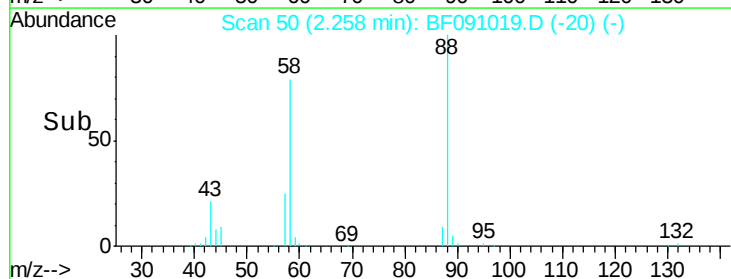
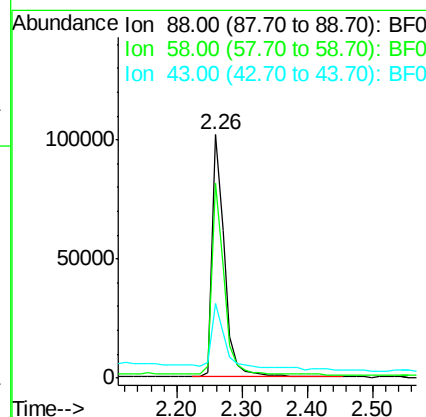
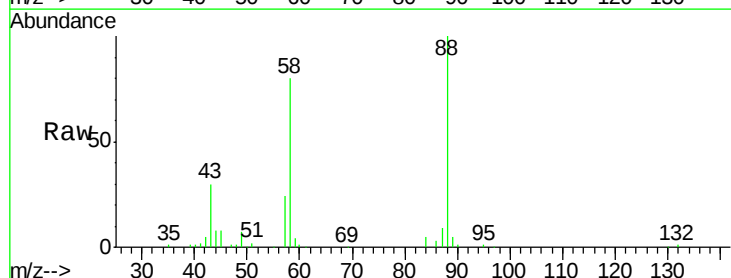
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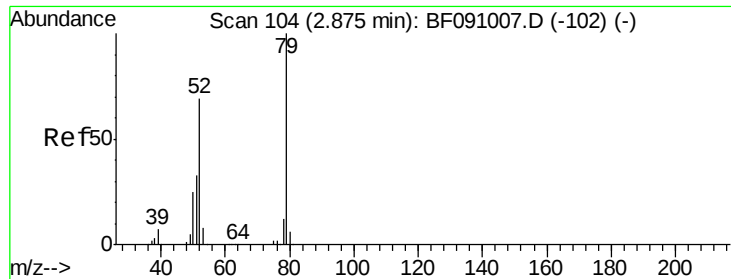
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#2
 1,4-Dioxane
 Concen: 22.26 ng
 RT: 2.26 min Scan# 50
 Delta R.T. 0.05 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.7	63.8	95.6
43	32.8	22.6	33.8





#3

Pyridine

Concen: 12.25 ng

RT: 2.96 min Scan# 111

Delta R.T. 0.08 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

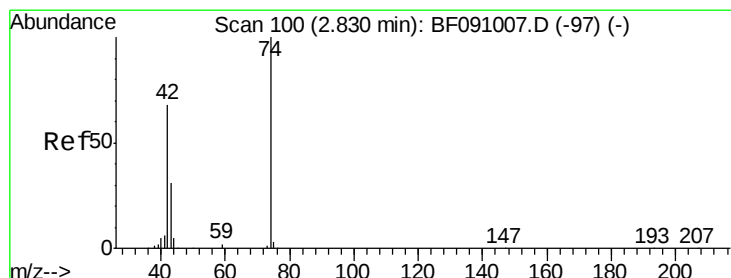
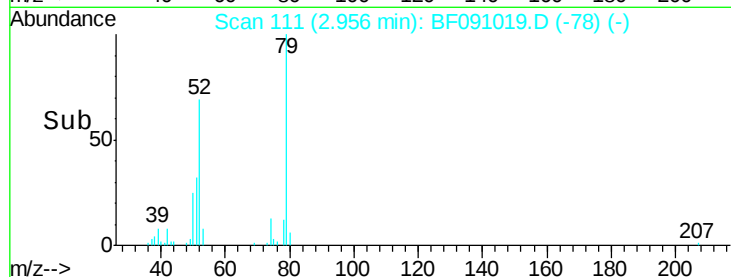
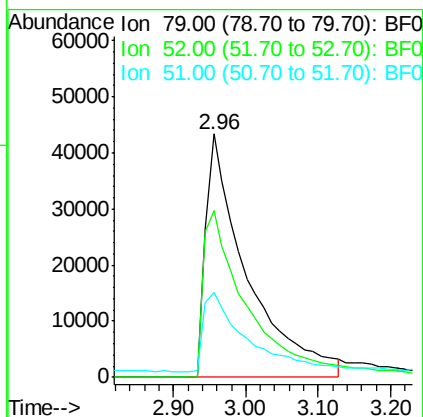
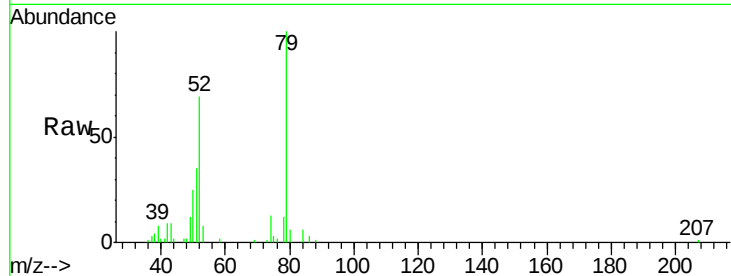
GW-96-7.5-18.0MSD

Tgt Ion:	79	Resp:	171633
Ion Ratio	Lower	Upper	
79	100		
52	68.6	55.4	83.0
51	34.9	27.4	41.0

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#4

n-Nitrosodimethylamine

Concen: 27.73 ng

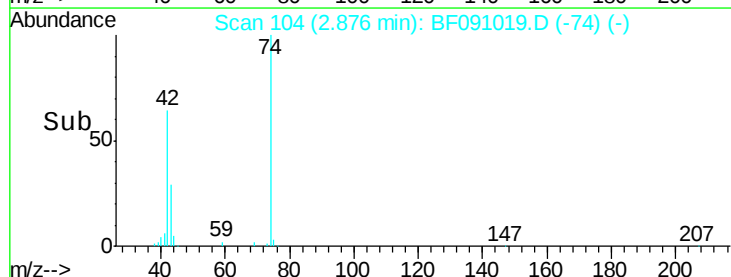
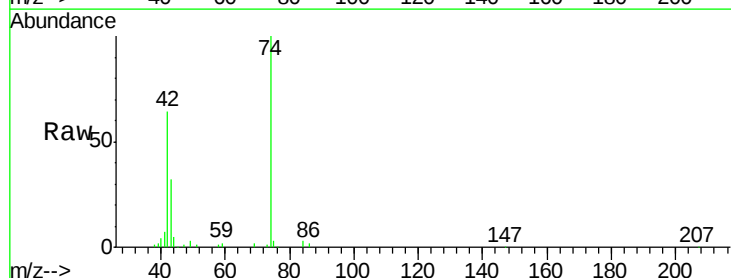
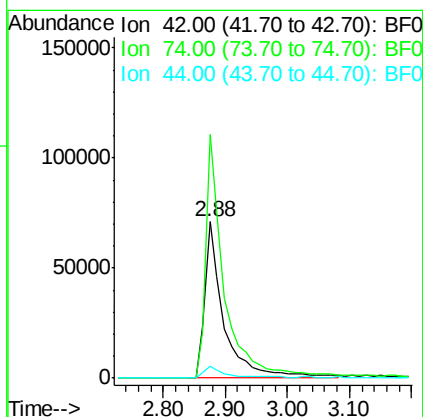
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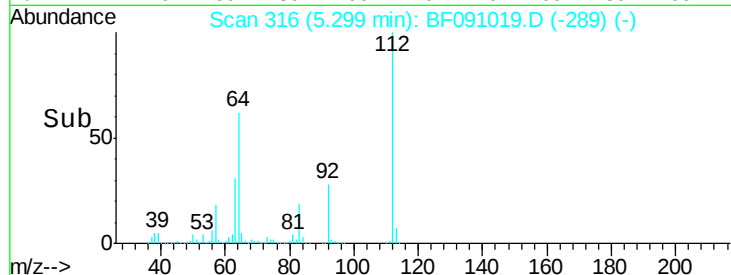
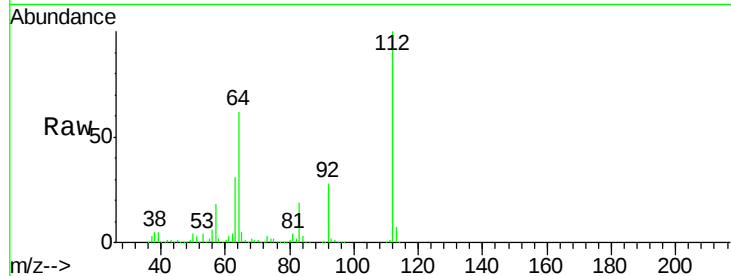
Delta R.T. 0.05 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	42	Resp:	153755
Ion Ratio	Lower	Upper	
42	100		
74	155.9	117.3	175.9
44	7.7	5.8	8.8





#5

2-Fluorophenol

Concen: 90.87 ng

RT: 5.30 min Scan# 316

Delta R.T. 0.01 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	112	Resp:	951791
Ion Ratio	Lower	Upper	
112	100		
64	61.6	55.8	83.6
63	30.6	28.0	42.0

Instrument :

BNA_F

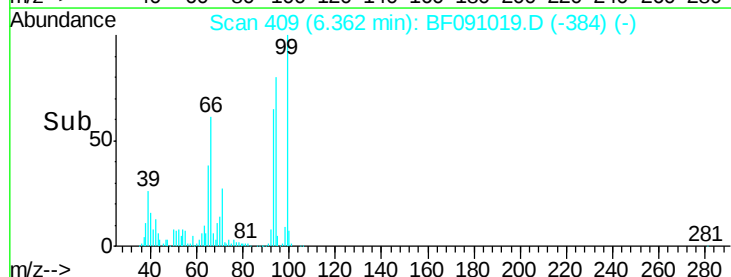
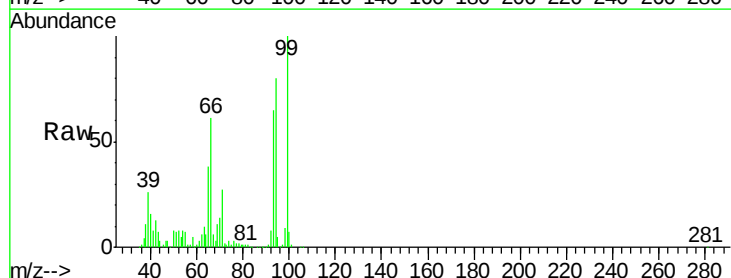
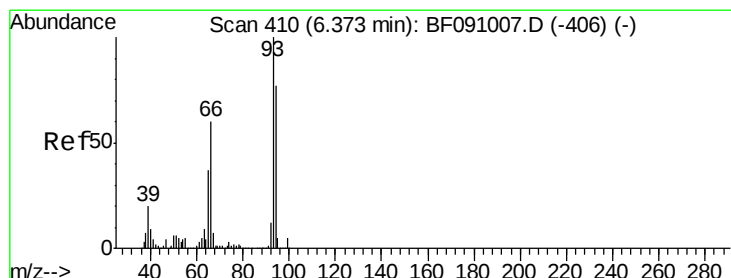
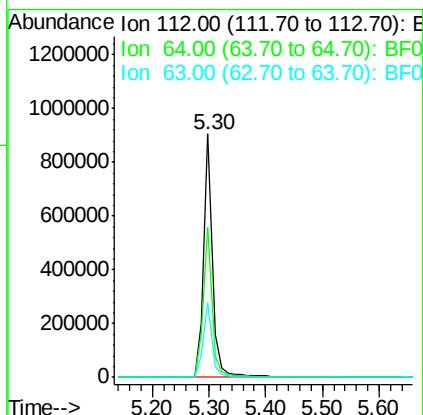
ClientSampleId :

GW-96-7.5-18.0MSD

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#6

Aniline

Concen: 24.47 ng

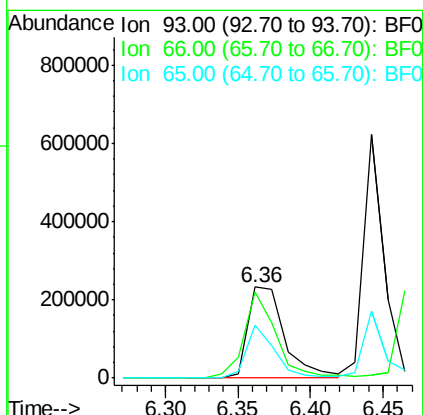
RT: 6.36 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	93	Resp:	410281
Ion Ratio	Lower	Upper	
93	100		
66	94.2	48.2	72.2#
65	58.6	29.4	44.0#





#7

Phenol-d6

Concen: 66.47 ng

RT: 6.35 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

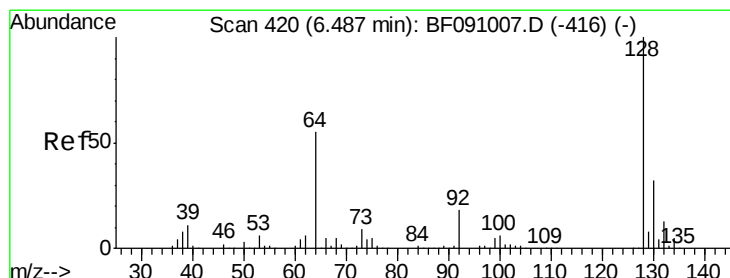
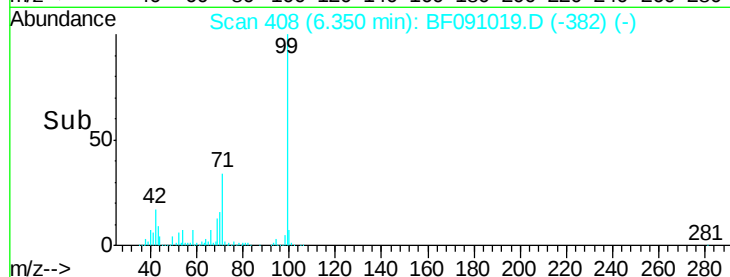
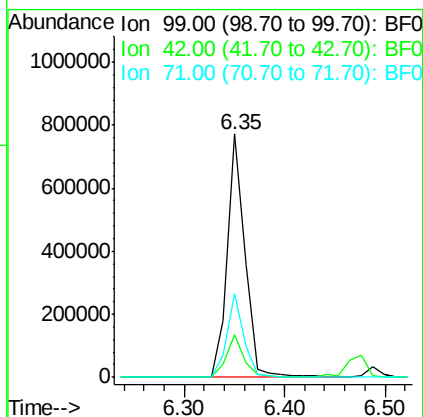
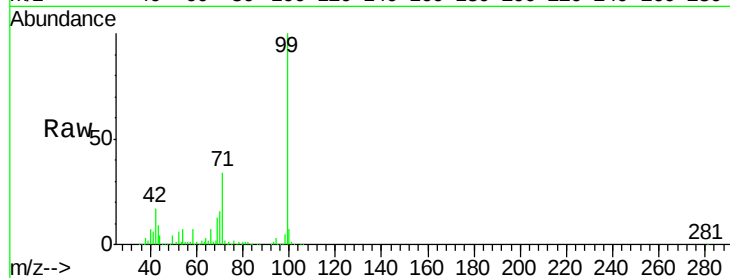
GW-96-7.5-18.0MSD

Tgt Ion:	99	Resp:	944968
Ion Ratio	Lower	Upper	
99	100		
42	17.4	13.9	20.9
71	34.4	27.8	41.8

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#8

2-Chlorophenol

Concen: 43.92 ng

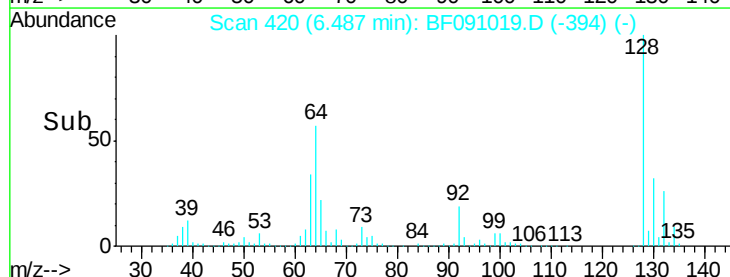
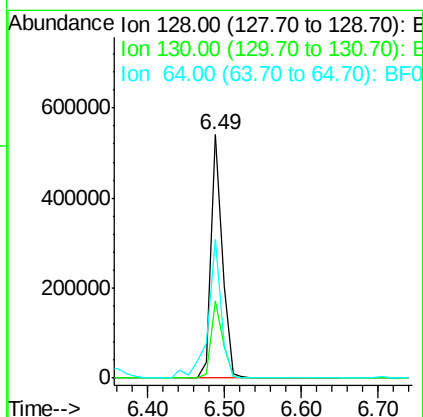
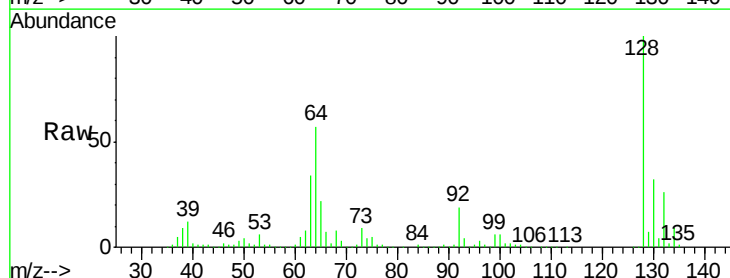
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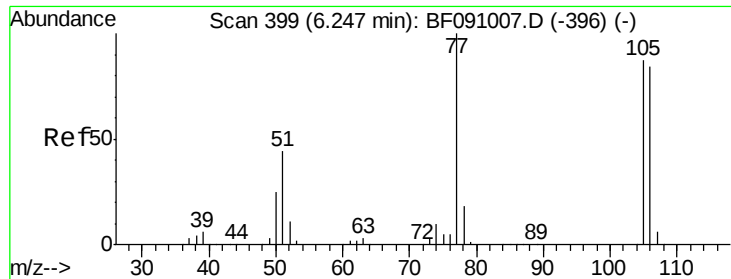
Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	128	Resp:	548675
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.0	52.0
64	57.1	37.2	77.2





#9

Benzaldehyde

Concen: 9.02 ng

RT: 6.25 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion: 77 Resp: 71207

Ion Ratio Lower Upper

77 100

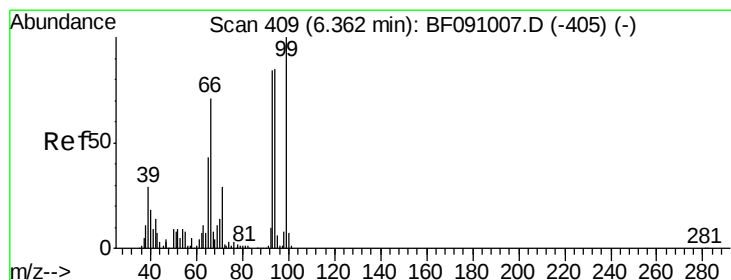
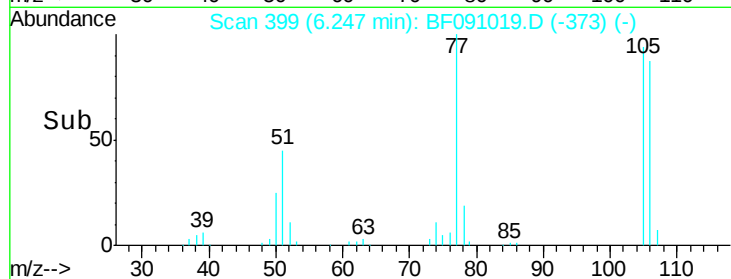
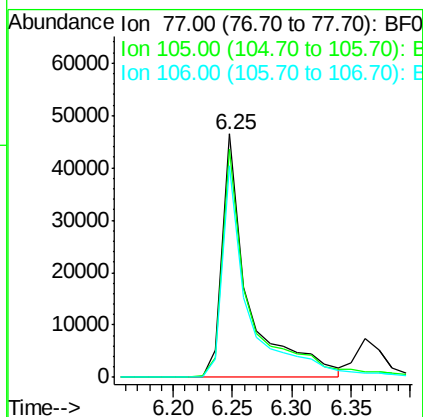
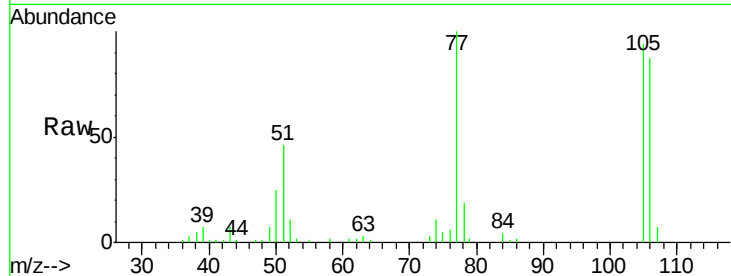
105 93.5 66.8 106.8

106 86.8 64.0 104.0

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#10

Phenol

Concen: 23.62 ng

RT: 6.36 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

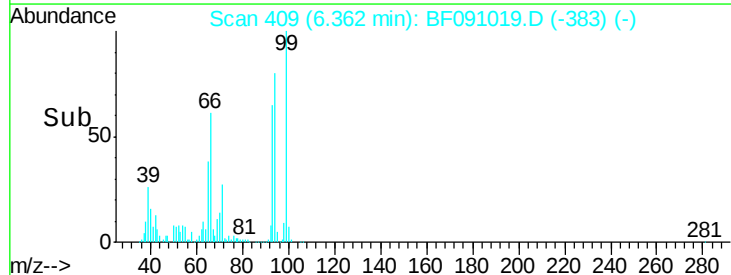
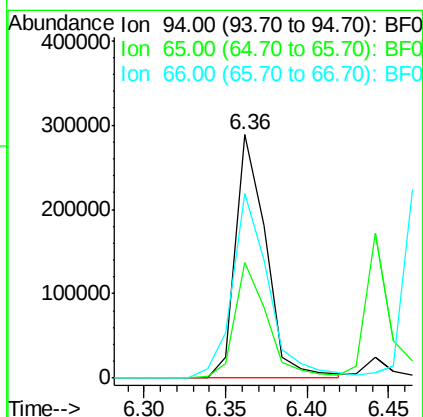
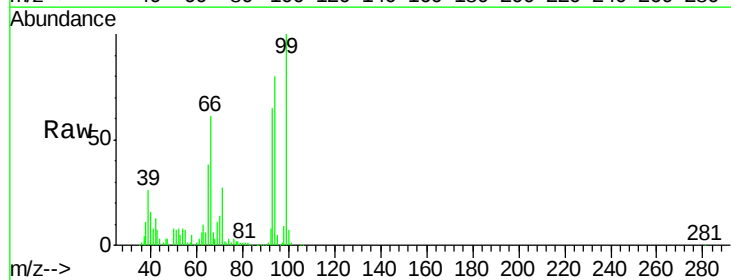
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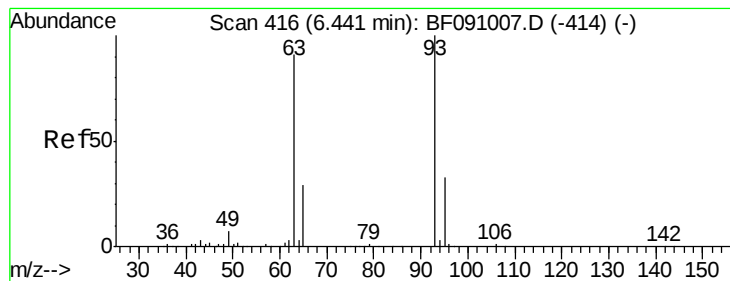
Ion Ratio Lower Upper

94 100

65 47.3 30.4 70.4

66 76.0 62.9 102.9





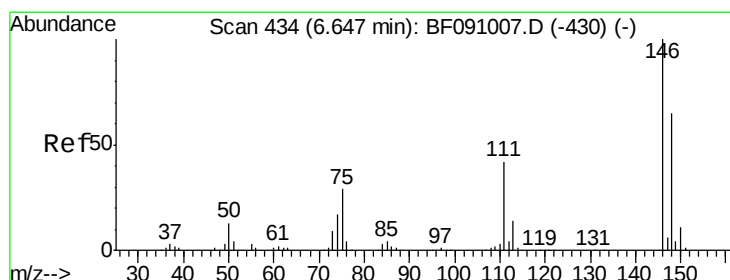
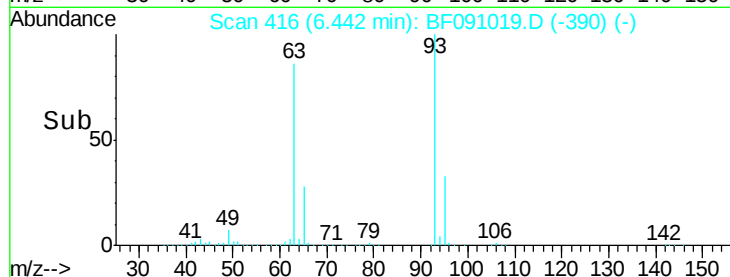
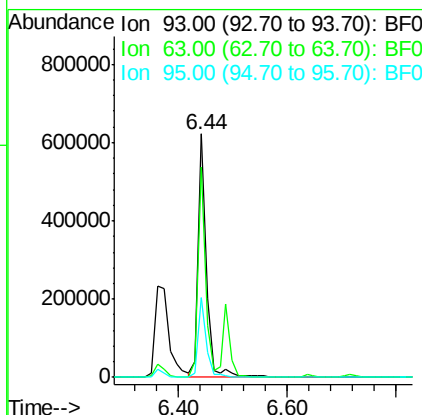
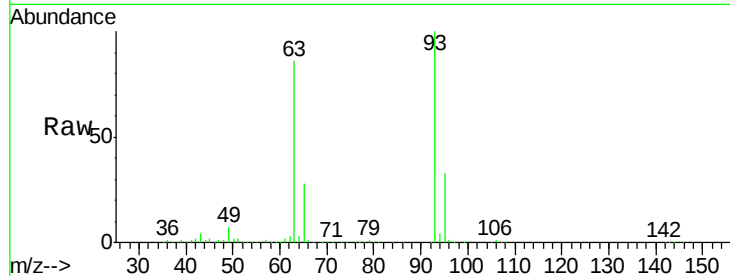
#11
bis(2-Chloroethyl)ether
Concen: 49.16 ng
RT: 6.44 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.2	68.9	108.9
95	32.9	12.3	52.3

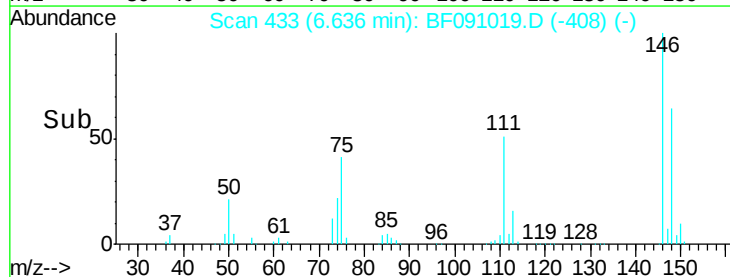
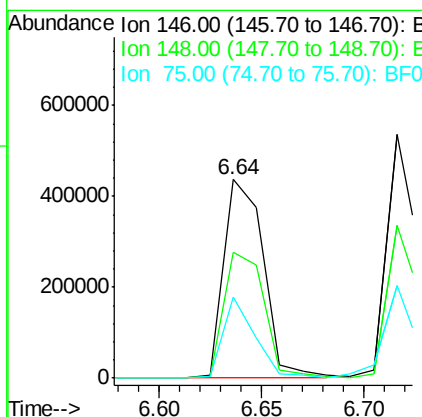
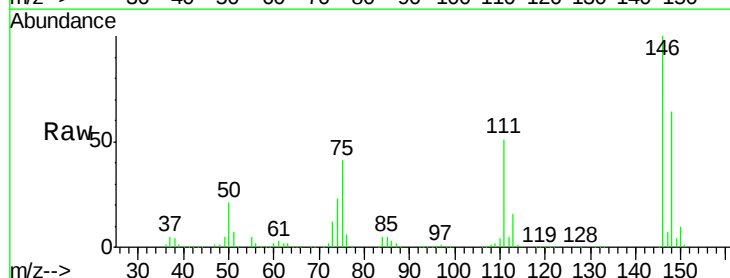
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#12
1,3-Dichlorobenzene
Concen: 47.12 ng m
RT: 6.64 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.0	78.0
75	40.9	23.0	34.6#





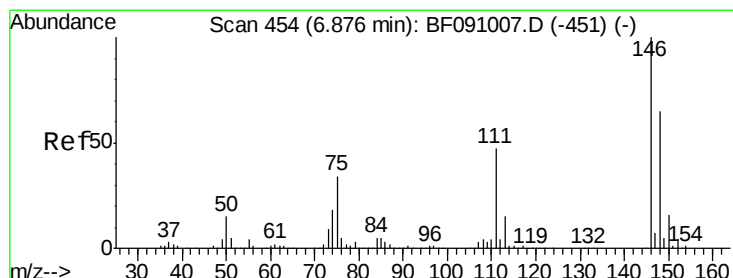
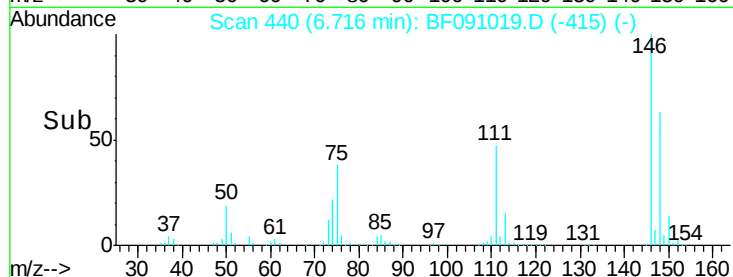
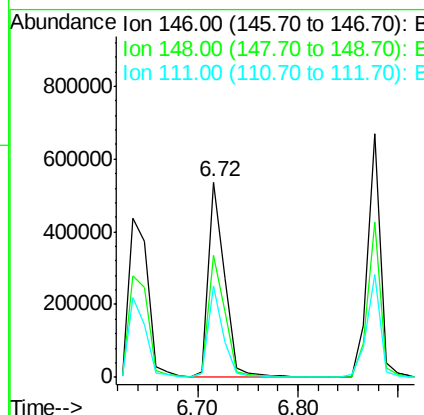
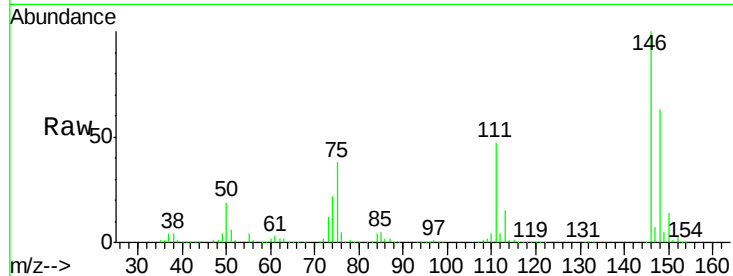
#13
1,4-Dichlorobenzene
Concen: 44.62 ng
RT: 6.72 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.1	78.1
111	47.0	31.6	47.4

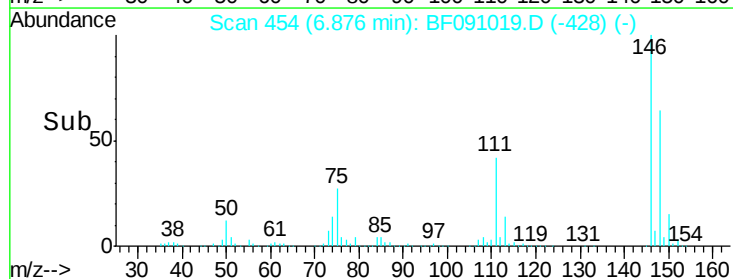
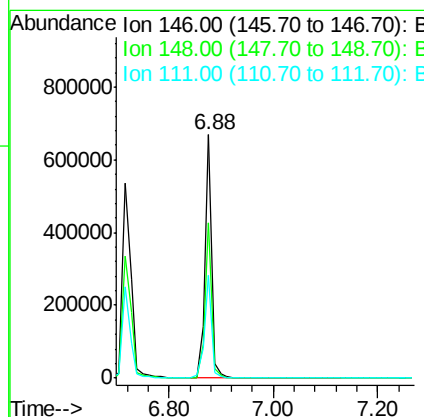
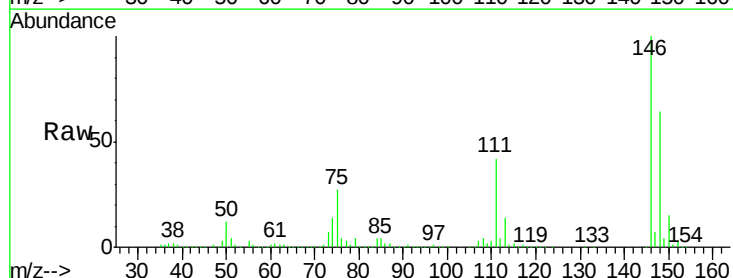
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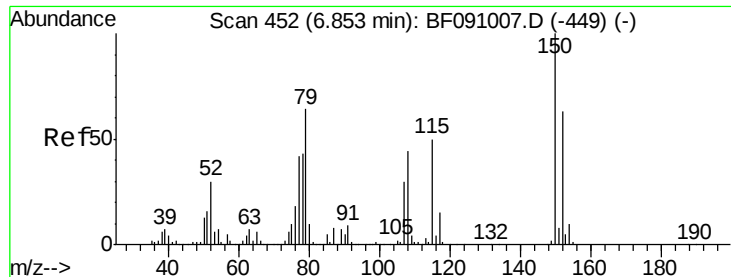
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#14
1,2-Dichlorobenzene
Concen: 48.83 ng
RT: 6.88 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.0	37.3	55.9





#15

Benzyl Alcohol

Concen: 35.93 ng

RT: 6.85 min Scan# 452

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion: 79 Resp: 360291

Ion Ratio Lower Upper

79 100

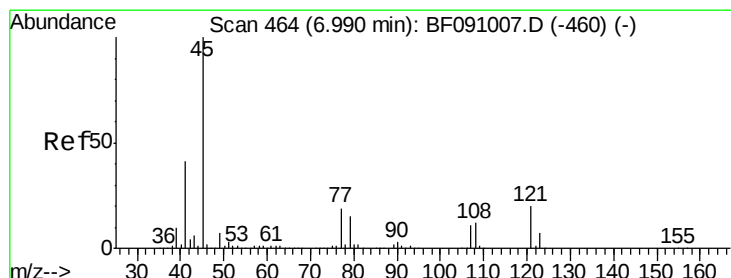
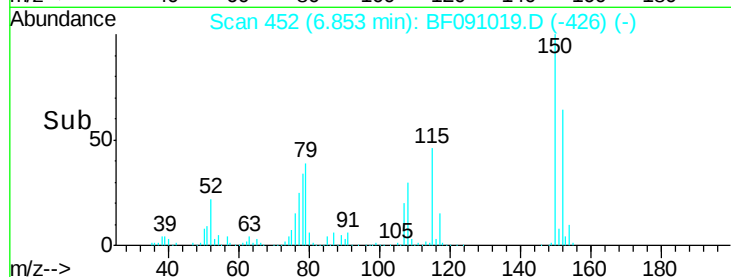
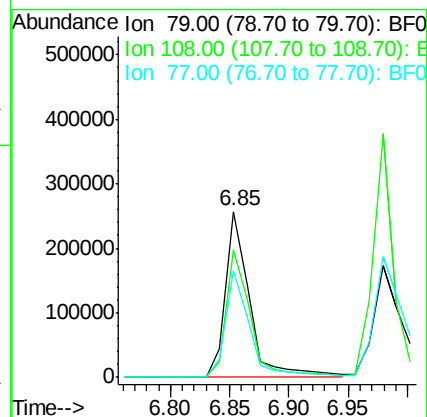
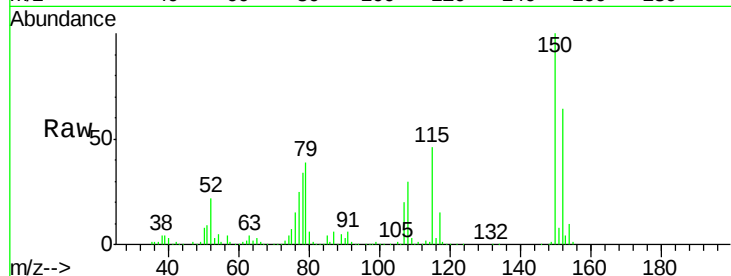
108 76.8 55.7 83.5

77 64.5 52.6 79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.13 ng

RT: 6.99 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

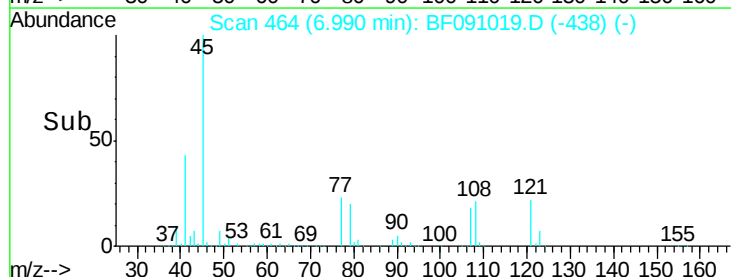
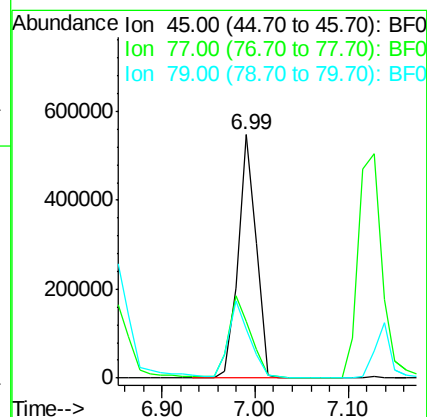
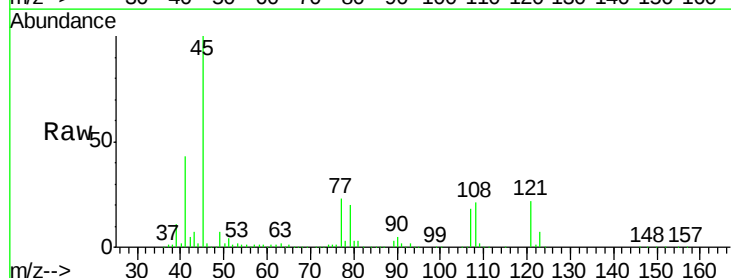
Tgt Ion: 45 Resp: 742796

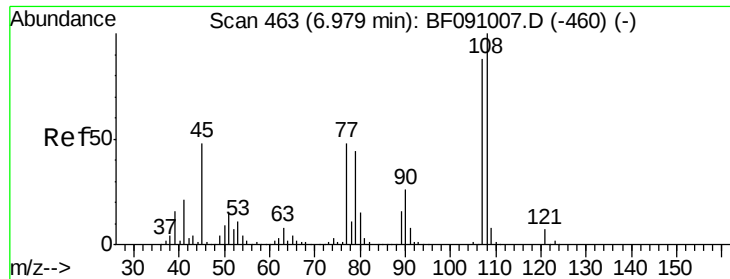
Ion Ratio Lower Upper

45 100

77 23.5 0.0 39.6

79 20.0 0.0 35.9





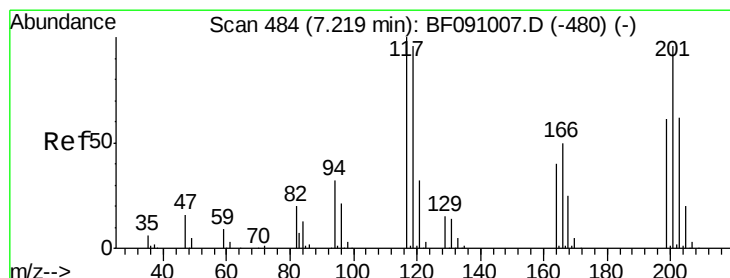
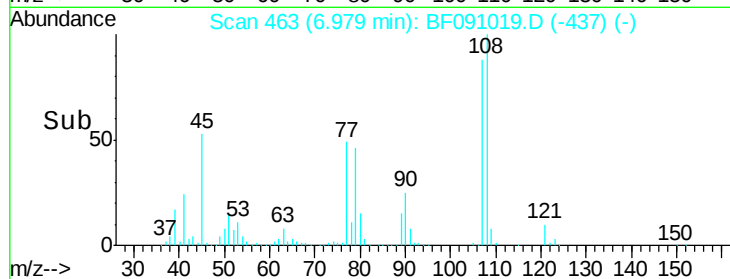
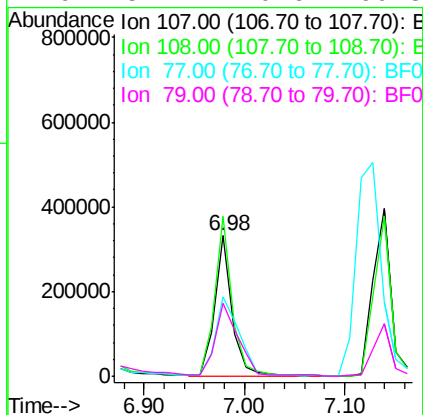
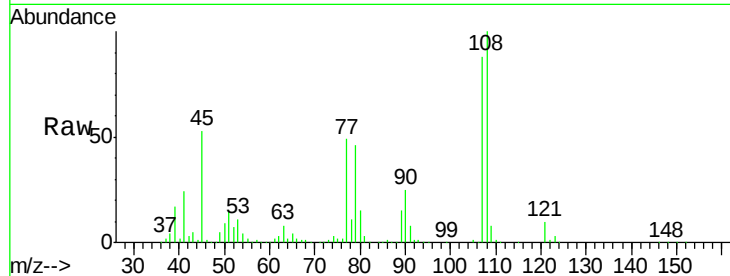
#17
2-Methylphenol
Concen: 39.68 ng
RT: 6.98 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion:	107	Resp:	392492
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.0	136.6
77	56.1	43.8	65.8
79	52.1	40.6	60.8

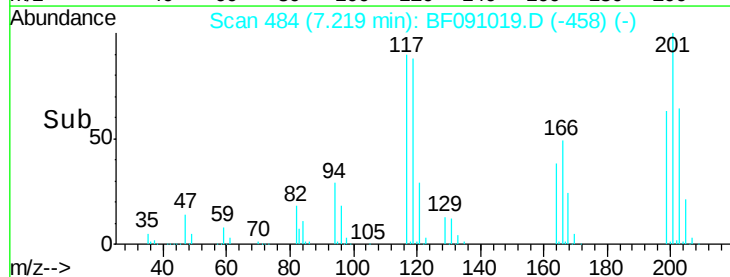
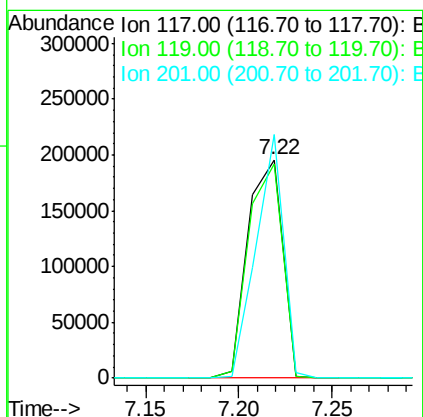
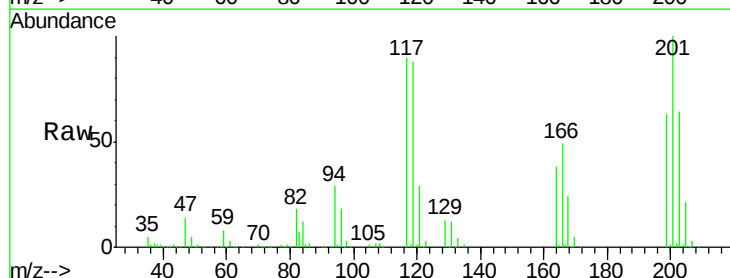
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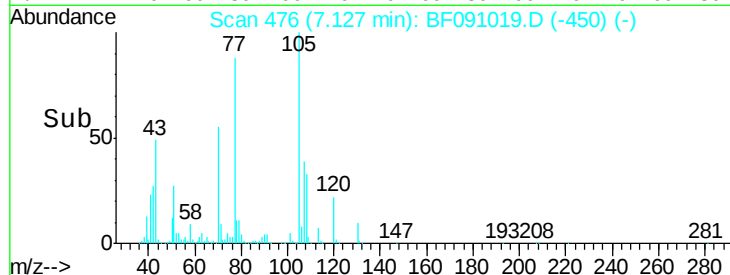
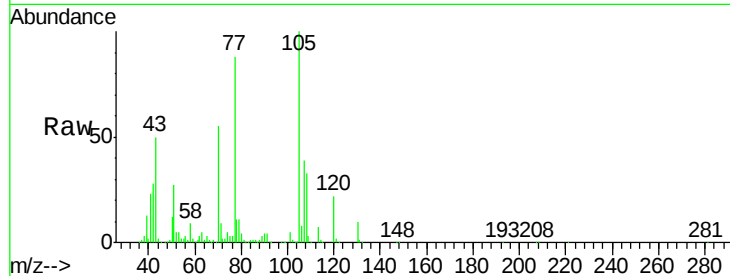
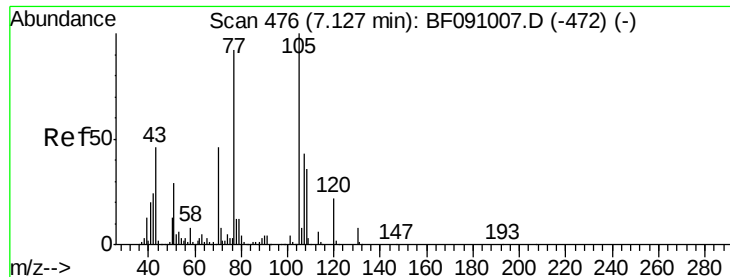
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#18
Hexachloroethane
Concen: 48.12 ng
RT: 7.22 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:	117	Resp:	252484
Ion Ratio	Lower	Upper	
117	100		
119	97.8	76.6	115.0
201	111.5	77.1	115.7





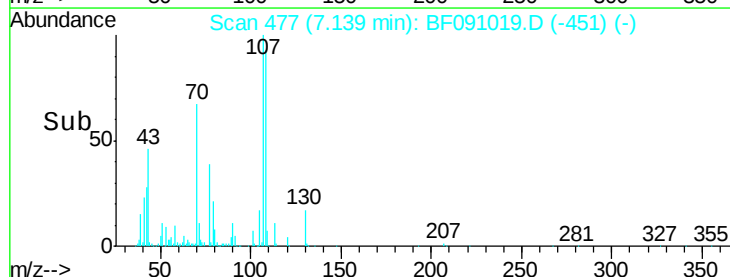
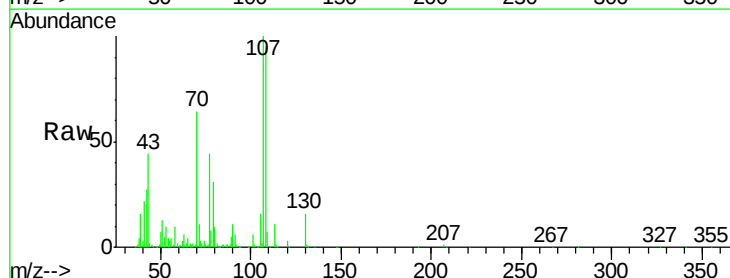
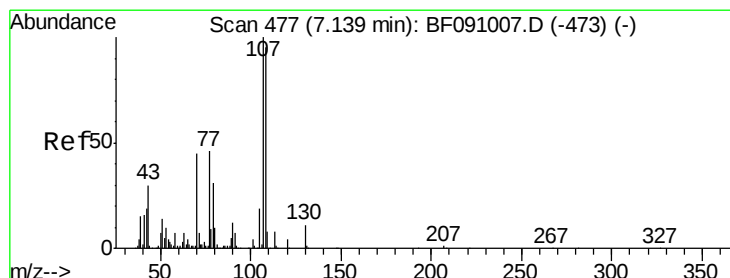
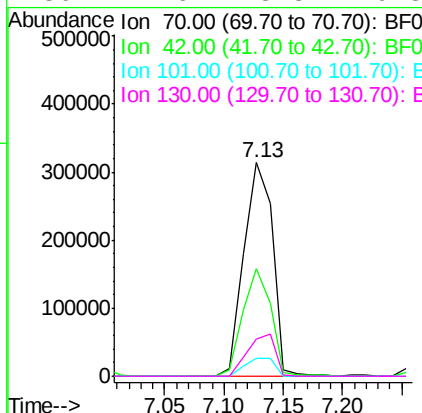
#19
n-Nitroso-di-n-propylamine
Concen: 54.06 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.1	41.7	62.5
101	8.6	6.7	10.1
130	17.6	13.8	20.8

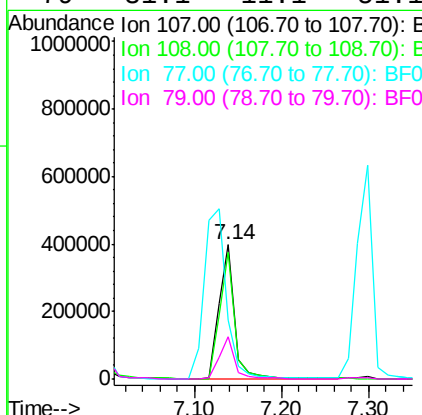
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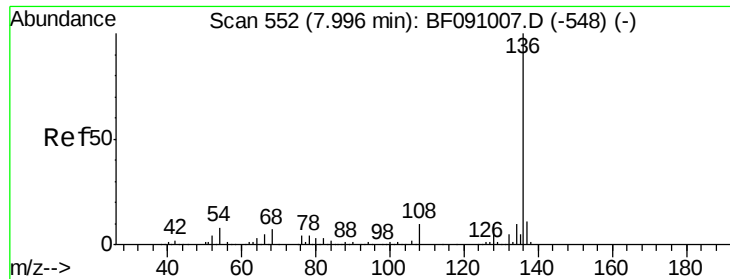
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#20
3+4-Methylphenols
Concen: 42.29 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	75.5	115.5
77	44.2	26.4	66.4
79	31.1	11.1	51.1





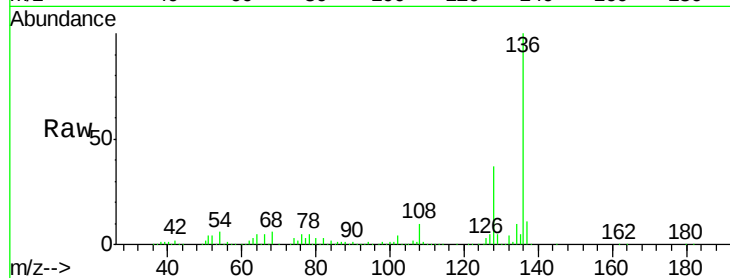
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

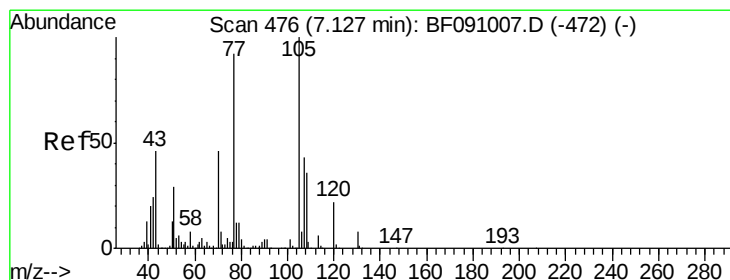
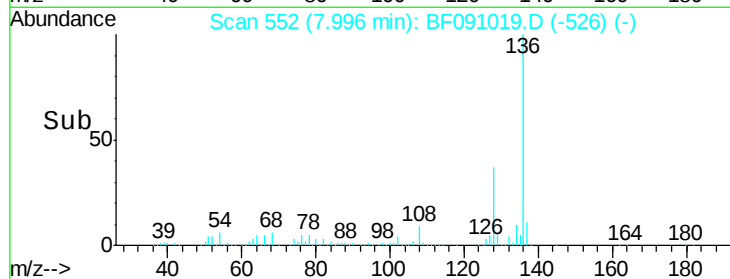
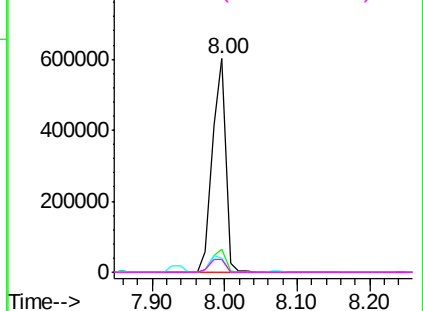
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	763645		
137	10.5		8.9	13.3
54	6.4		6.2	9.2
68	6.1		5.5	8.3

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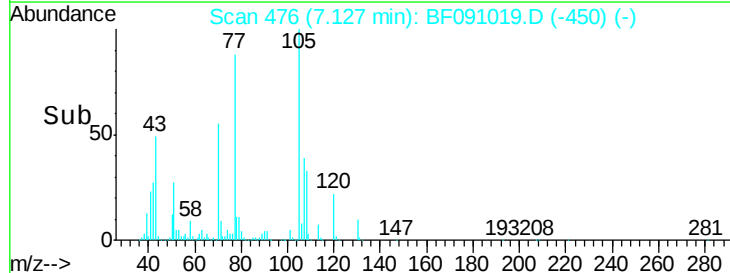
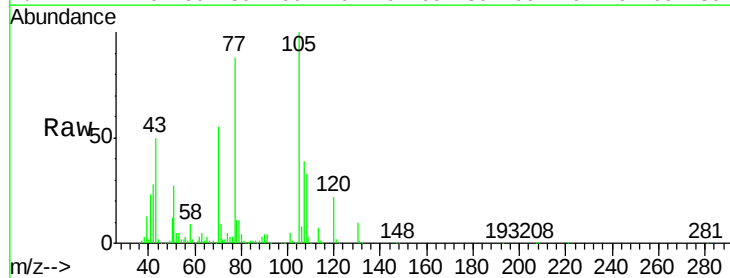
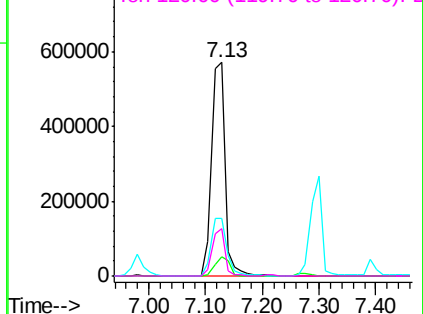
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

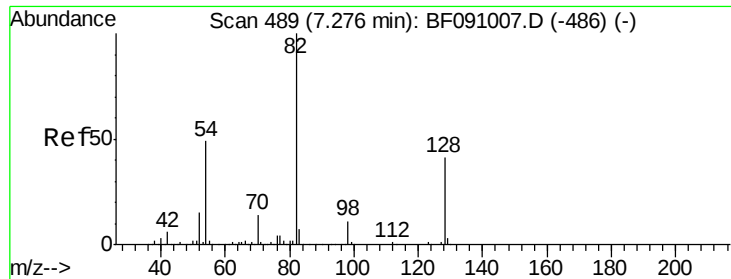


#22
Acetophenone
Concen: 52.53 ng
RT: 7.13 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	923712		
71	9.2		6.2	9.2
51	27.0		23.3	34.9
120	22.0		17.4	26.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





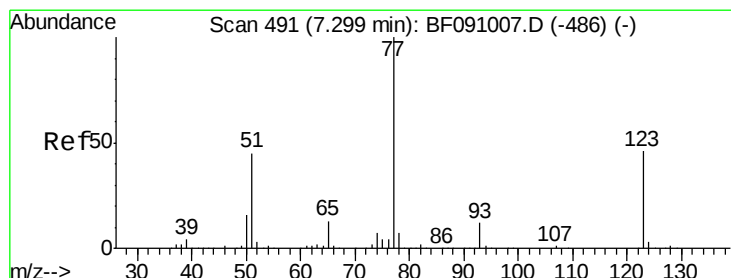
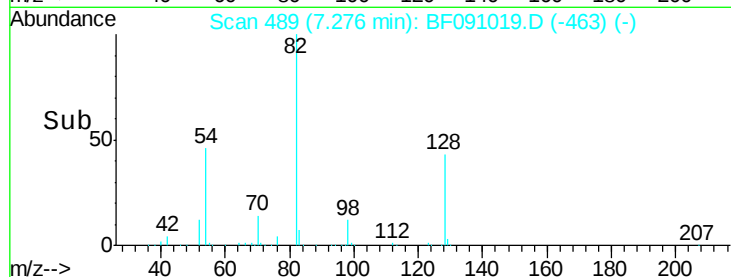
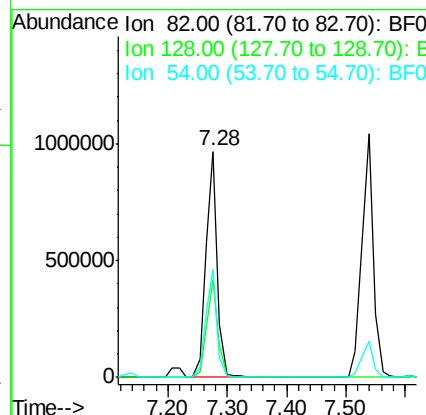
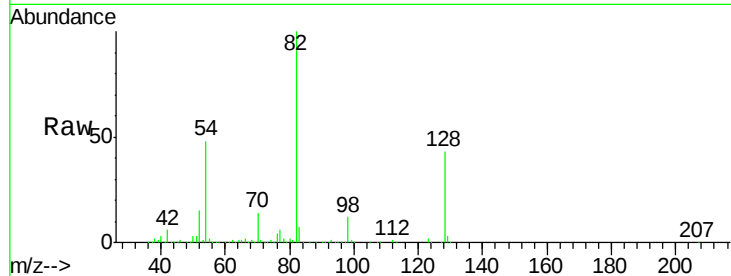
#23
 Nitrobenzene-d5
 Concen: 93.94 ng
 RT: 7.28 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.4	48.6
54	47.9	39.2	58.8

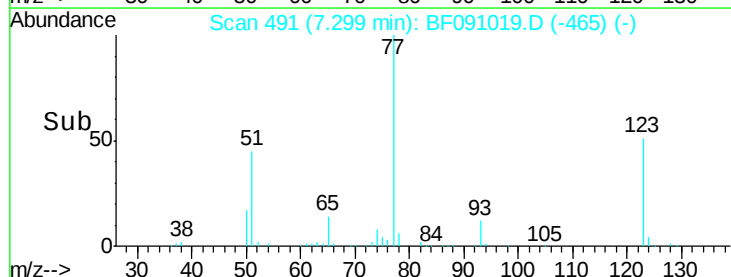
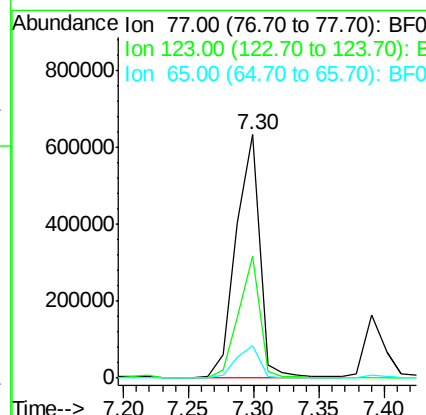
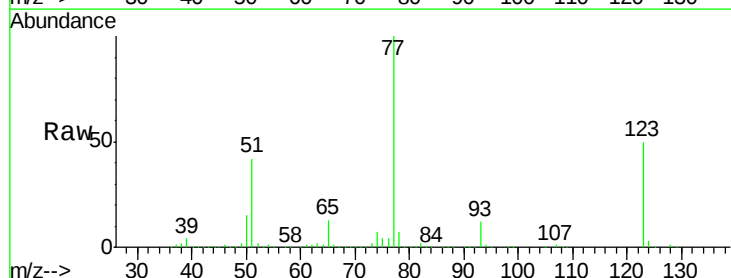
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#24
 Nitrobenzene
 Concen: 50.86 ng
 RT: 7.30 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	36.5	54.7
65	13.2	10.7	16.1





#25

Isophorone

Concen: 52.65 ng

RT: 7.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

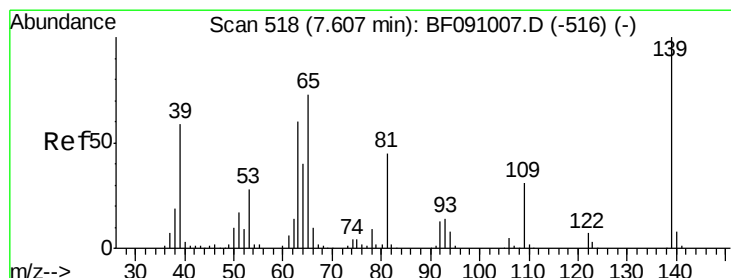
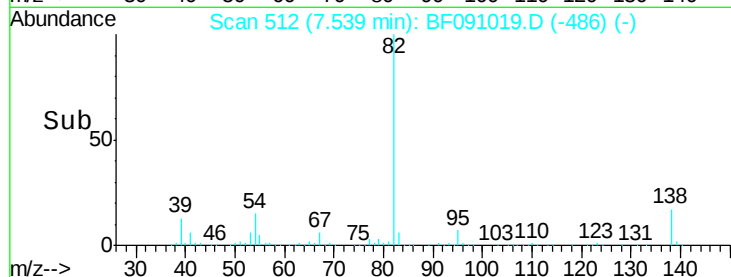
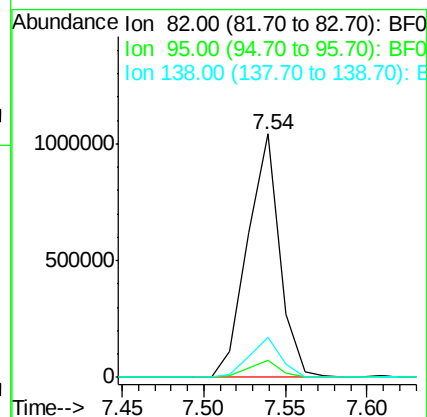
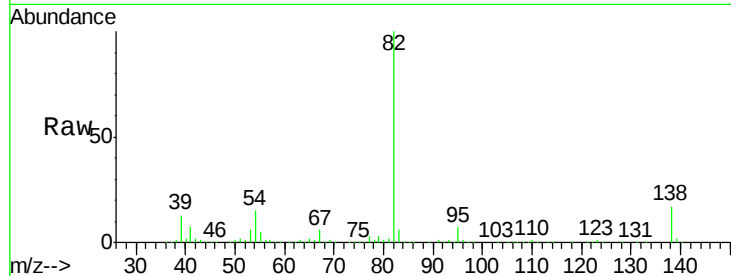
Tgt Ion: 82 Resp: 1420187

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	16.6	13.0	19.4

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#26

2-Nitrophenol

Concen: 49.85 ng

RT: 7.61 min Scan# 518

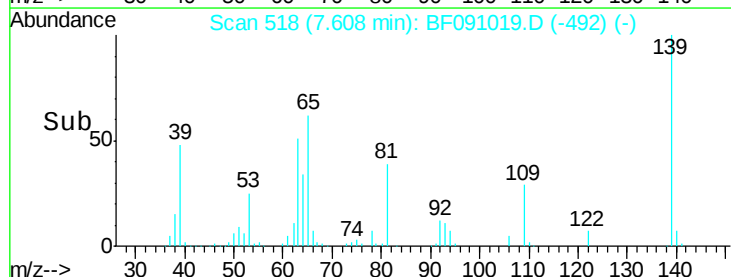
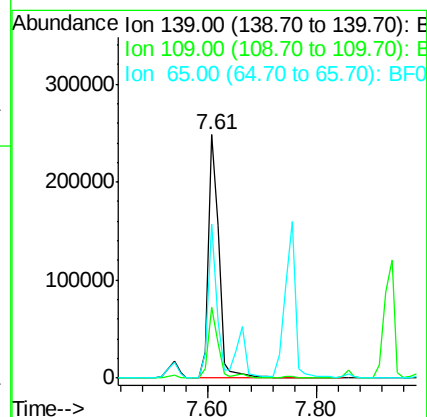
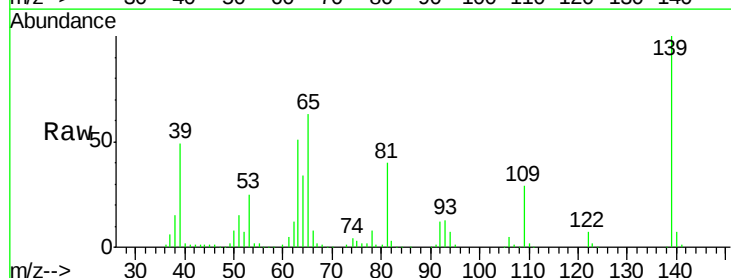
Delta R.T. 0.00 min

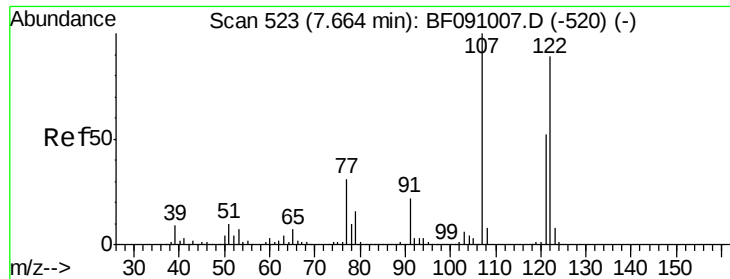
Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion: 139 Resp: 326145

Ion	Ratio	Lower	Upper
139	100		
109	29.0	24.7	37.1
65	63.4	58.3	87.5





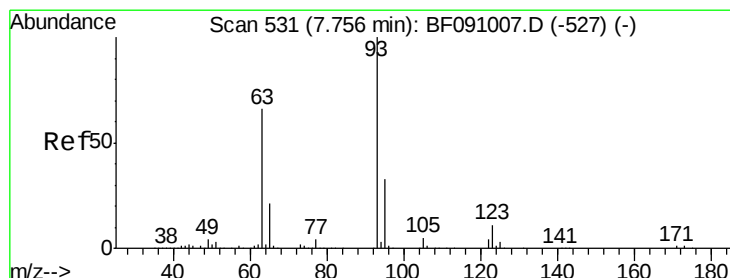
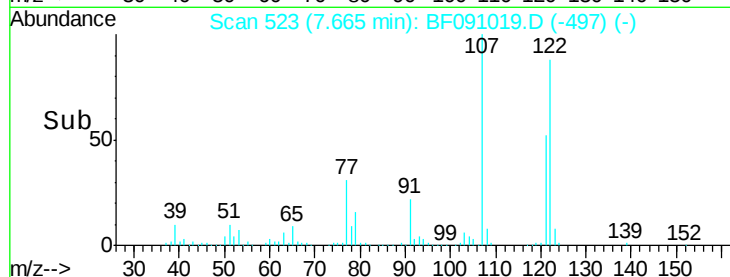
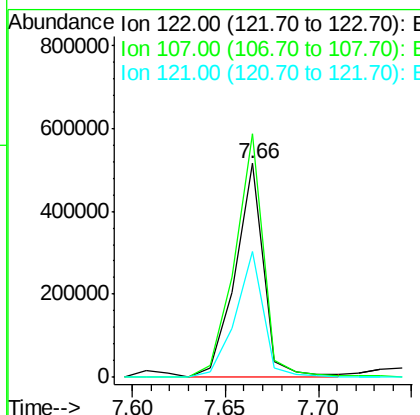
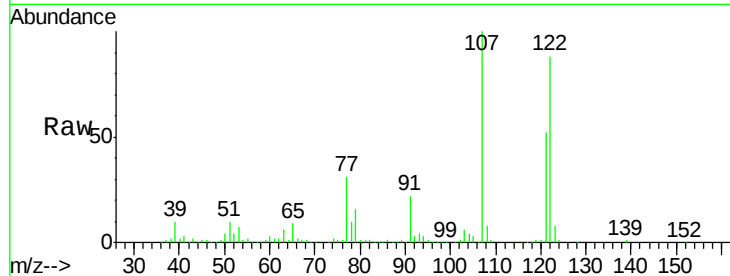
#27
 2,4-Dimethylphenol
 Concen: 50.90 ng
 RT: 7.66 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.7	89.6	134.4
121	58.8	46.3	69.5

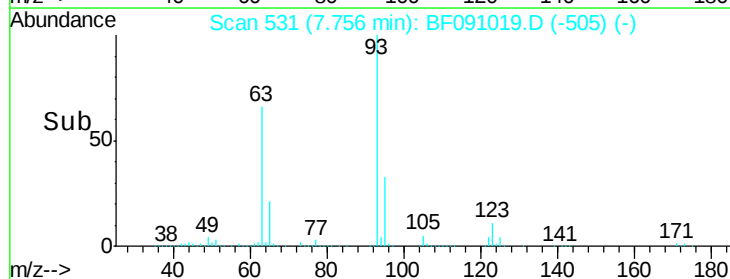
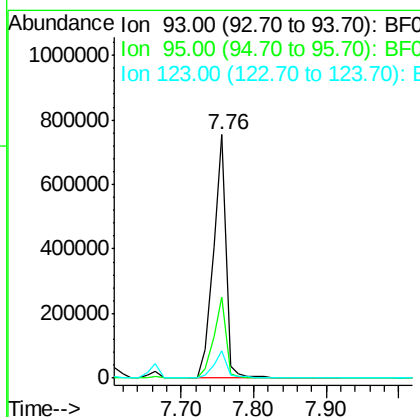
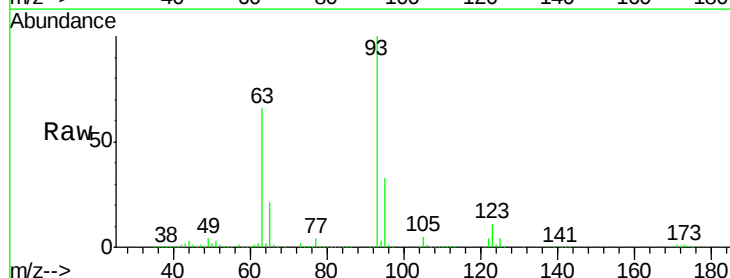
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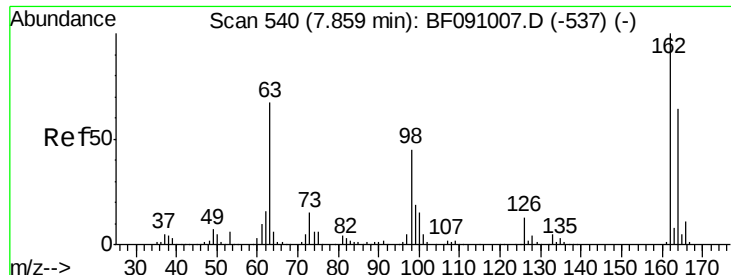
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#28
 bis(2-Chloroethoxy)methane
 Concen: 61.49 ng
 RT: 7.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	11.4	8.7	13.1





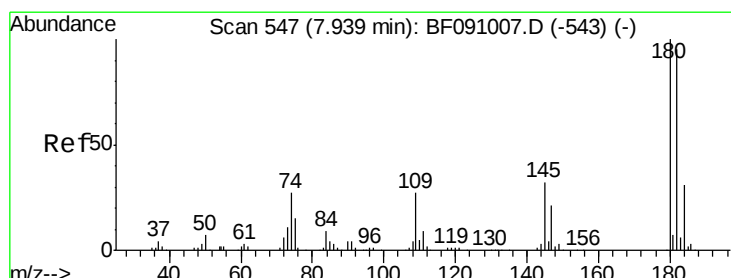
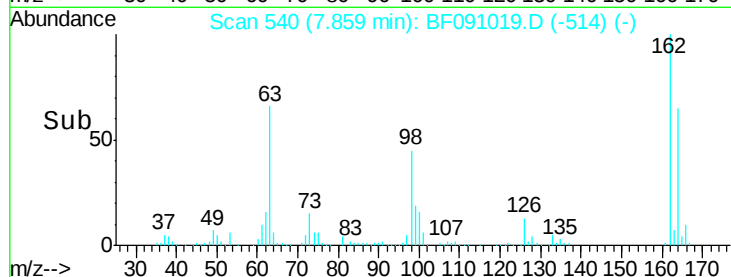
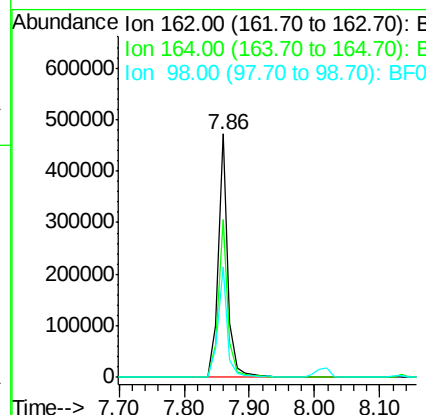
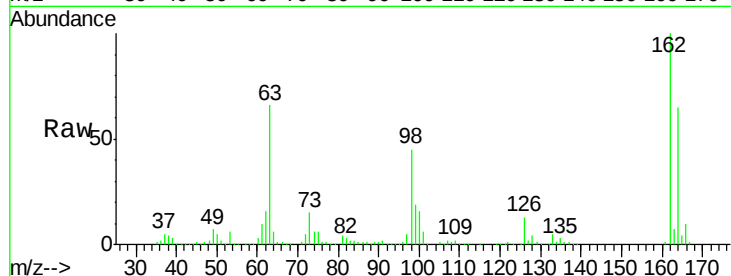
#29
 2,4-Dichlorophenol
 Concen: 52.54 ng
 RT: 7.86 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	44.4	84.4
98	45.4	25.2	65.2

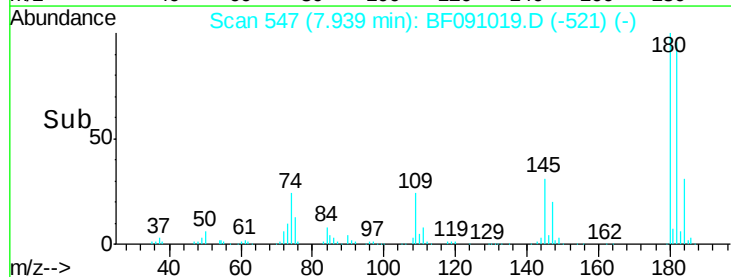
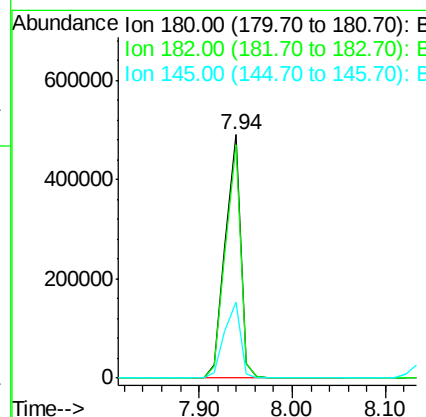
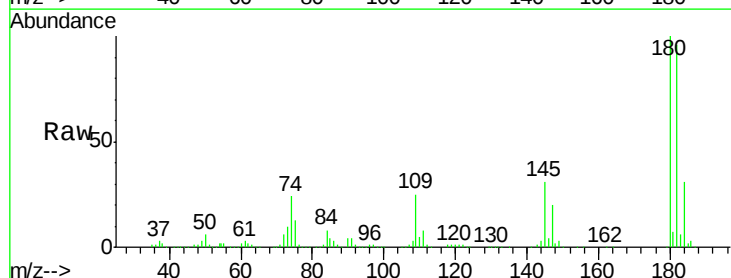
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.88 ng
 RT: 7.94 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.1	76.0	114.0
145	31.2	25.8	38.8





#31

Naphthalene

Concen: 50.30 ng

RT: 8.02 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:128 Resp: 1837002

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

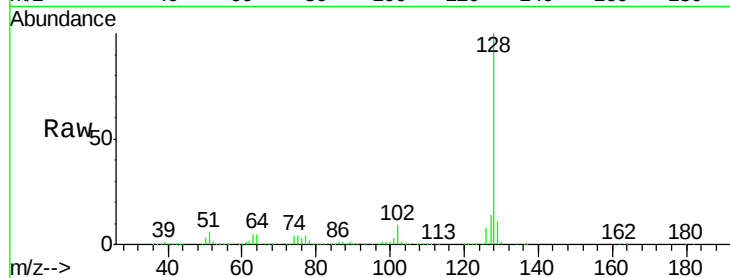
127 13.6 10.9 16.3

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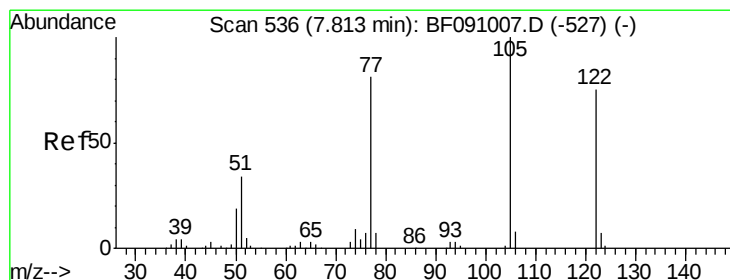
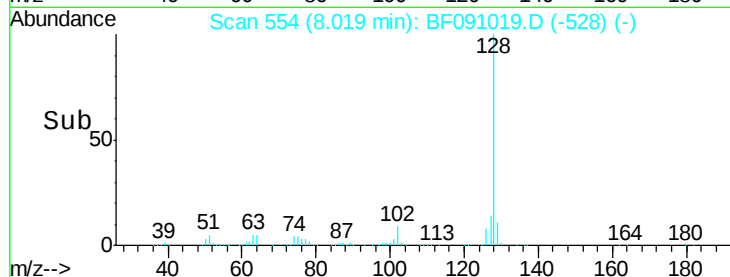
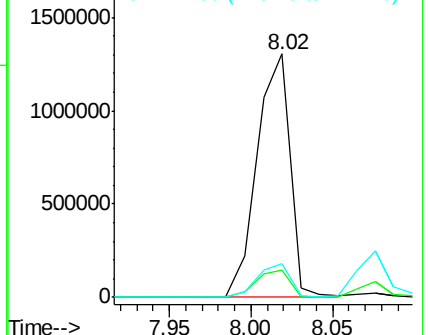
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.94 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

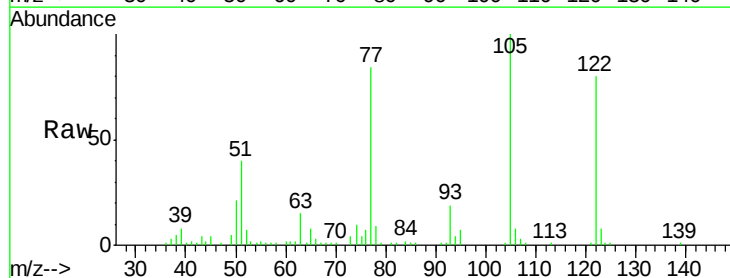
Tgt Ion:122 Resp: 159189

Ion Ratio Lower Upper

122 100

105 125.7 105.9 145.9

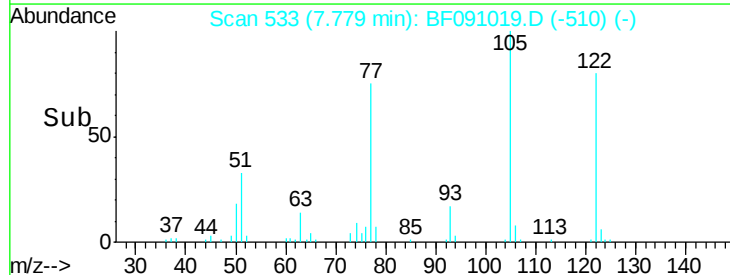
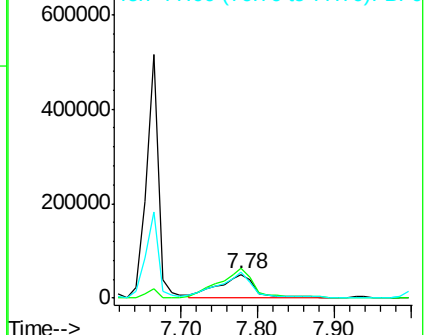
77 106.1 84.0 124.0



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





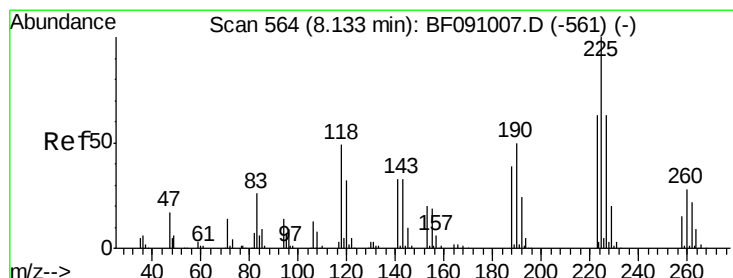
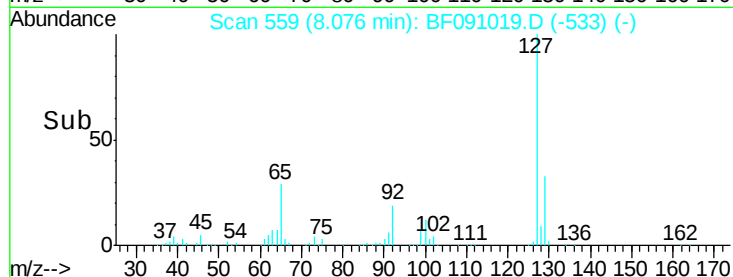
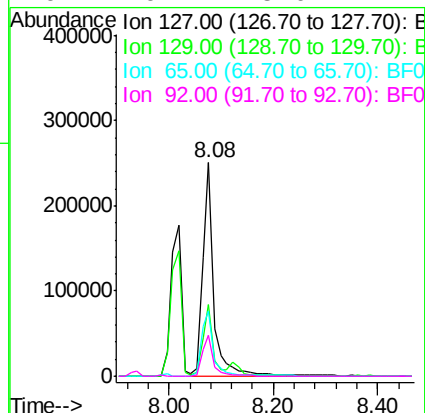
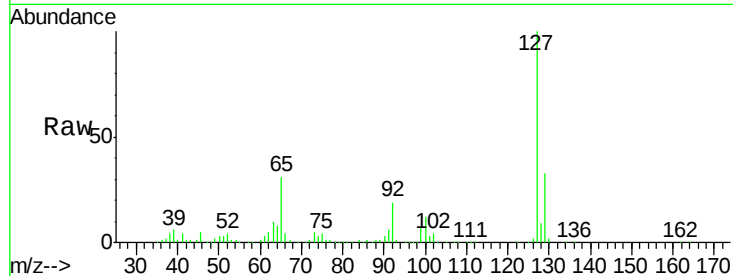
#33
4-Chloroaniline
Concen: 24.06 ng
RT: 8.08 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	26.6	39.8	
65	30.7	22.2	33.2	
92	19.1	15.0	22.4	

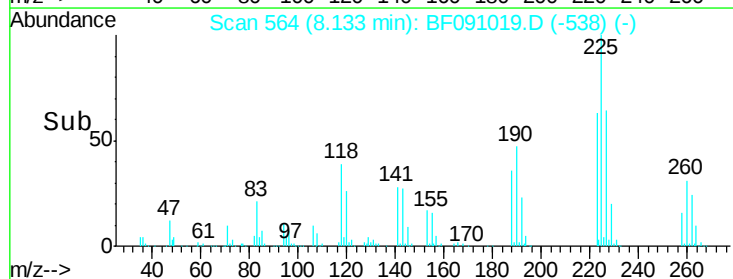
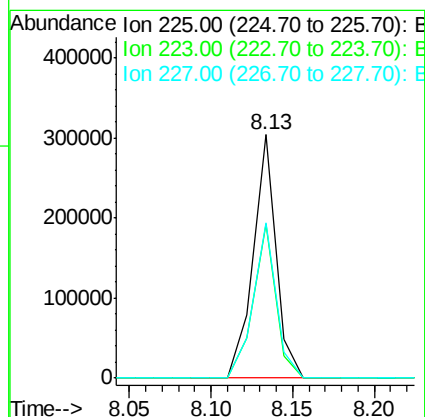
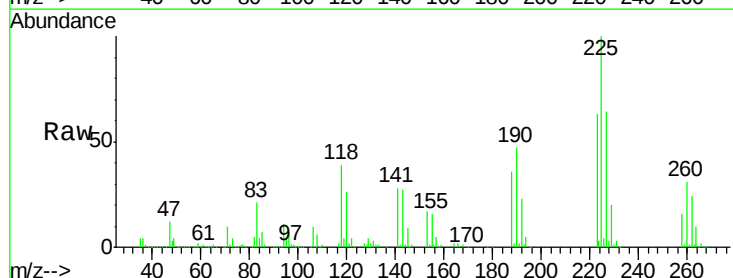
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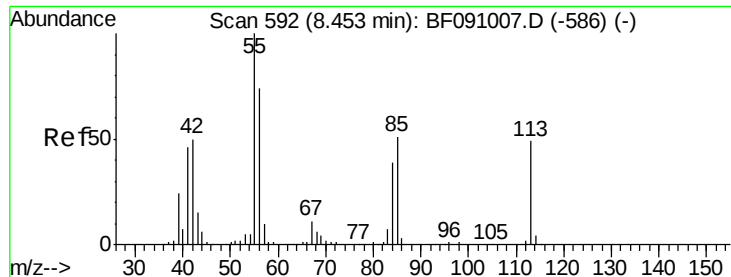
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#34
Hexachlorobutadiene
Concen: 51.80 ng
RT: 8.13 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.4	75.6	
227	63.9	50.1	75.1	





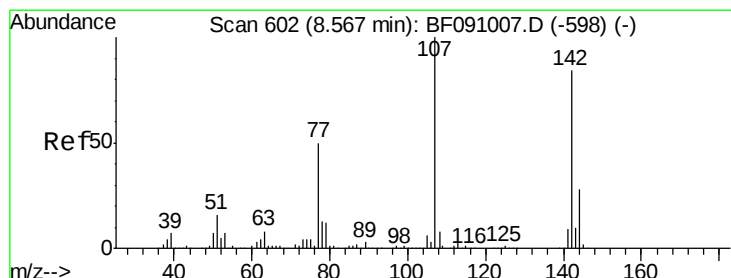
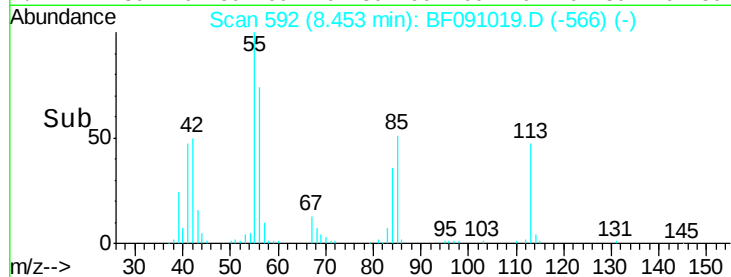
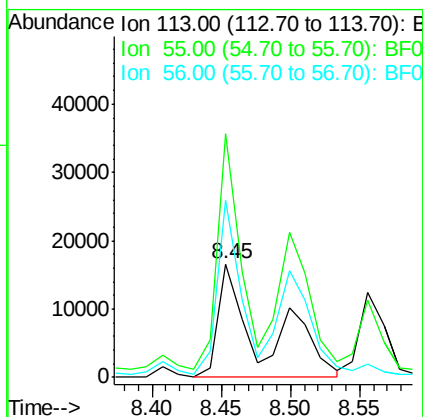
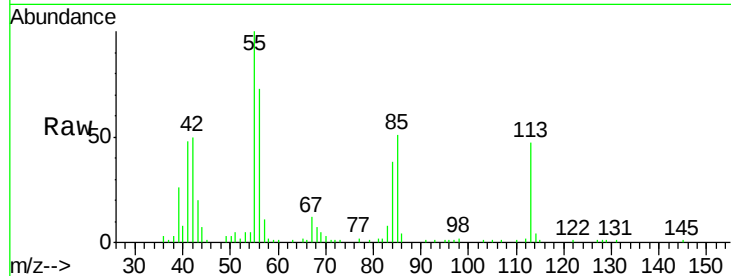
#35
 Caprolactam
 Concen: 12.46 ng m
 RT: 8.45 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion:113 Resp: 36977
 Ion Ratio Lower Upper
 113 100
 55 214.6 184.1 224.1
 56 155.6 132.0 172.0

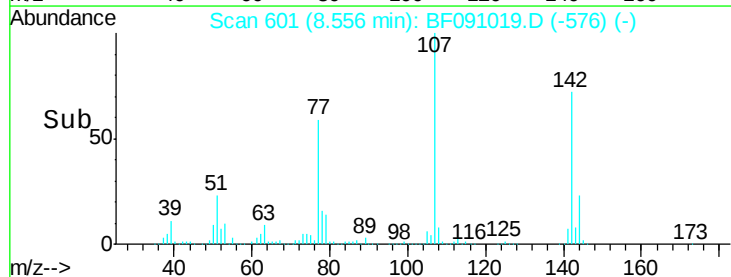
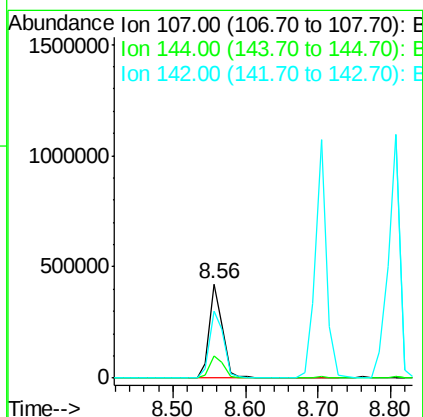
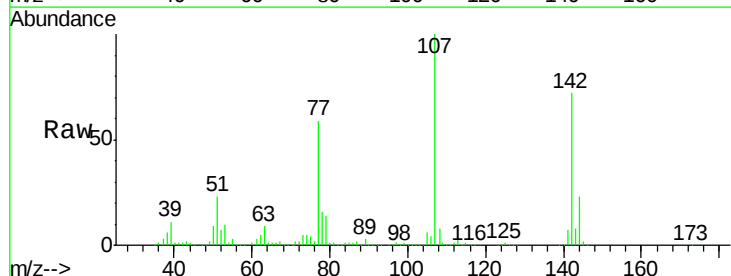
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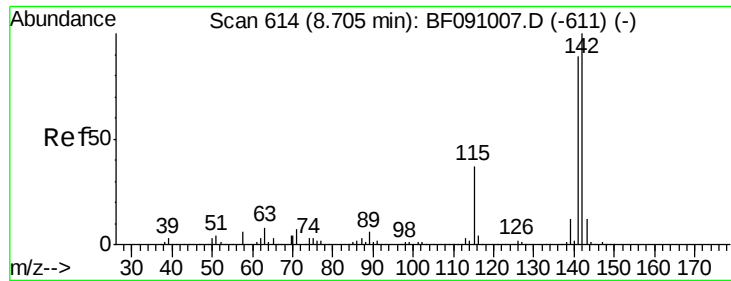
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#36
 4-Chloro-3-methylphenol
 Concen: 47.63 ng
 RT: 8.56 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion:107 Resp: 544558
 Ion Ratio Lower Upper
 107 100
 144 23.0 22.5 33.7
 142 71.6 67.4 101.2





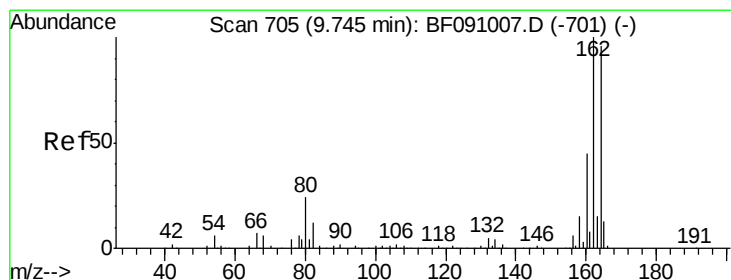
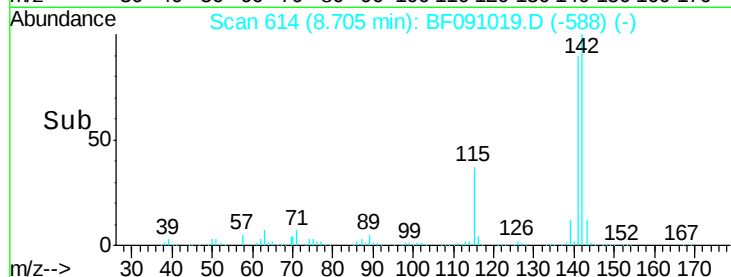
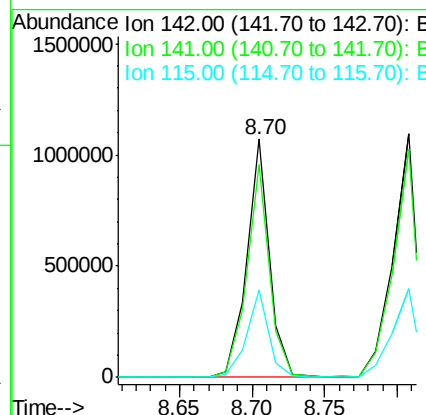
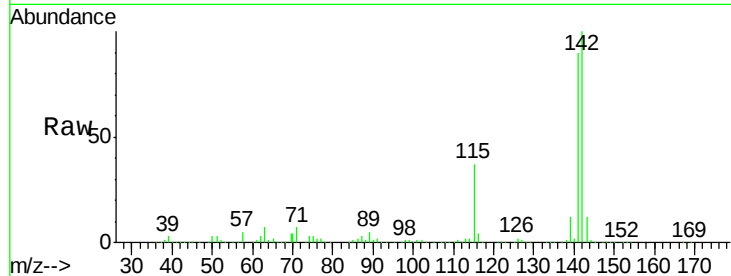
#37
2-Methylnaphthalene
Concen: 49.39 ng
RT: 8.70 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion:142 Resp: 1159440
Ion Ratio Lower Upper
142 100
141 89.5 71.3 106.9
115 36.8 29.9 44.9

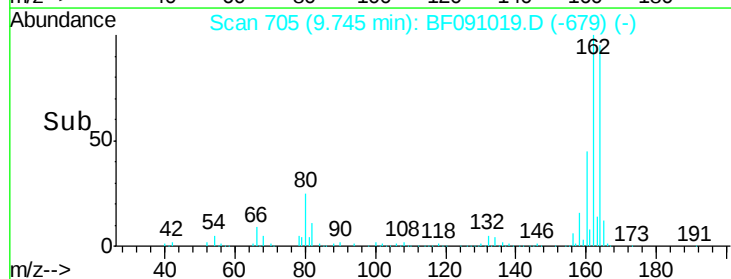
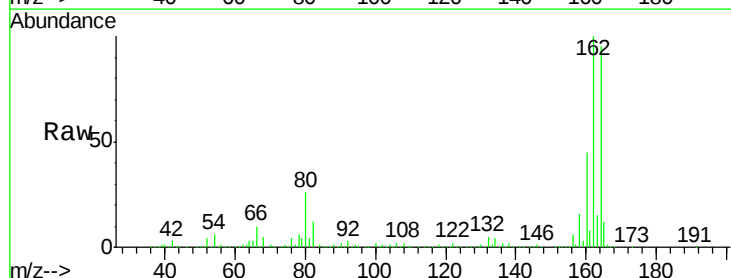
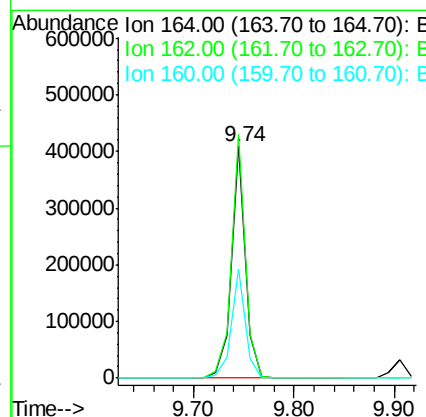
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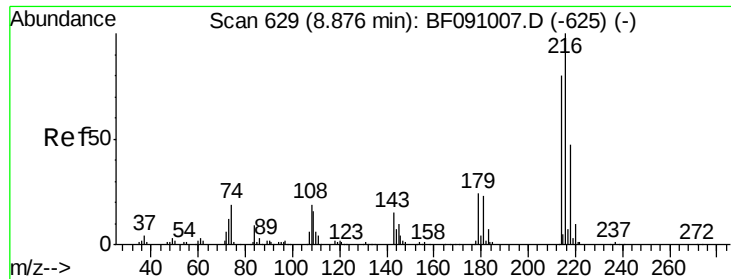
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:164 Resp: 395159
Ion Ratio Lower Upper
164 100
162 105.1 83.6 125.4
160 47.2 37.9 56.9





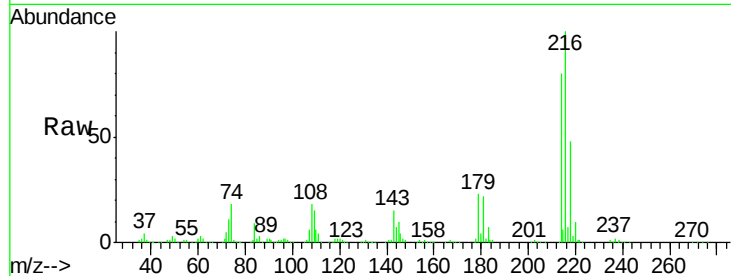
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.19 ng
 RT: 8.88 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

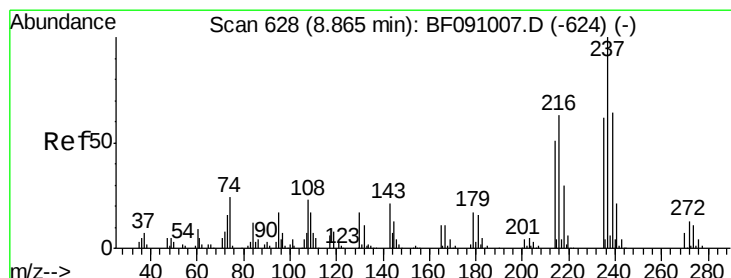
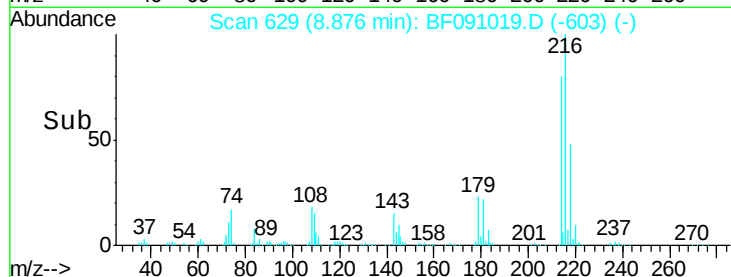
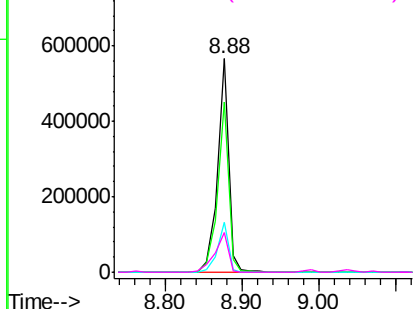
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	566127		
214	79.6	63.5	95.3	
179	23.3	19.1	28.7	
108	22.7	17.5	26.3	

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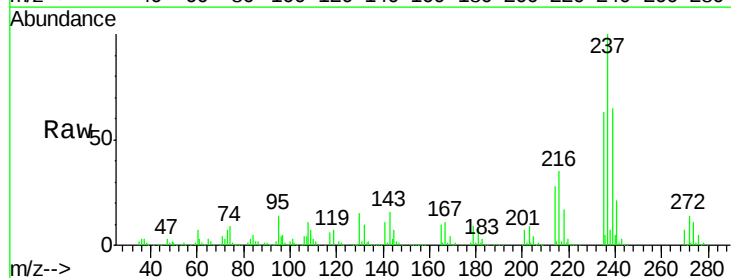


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

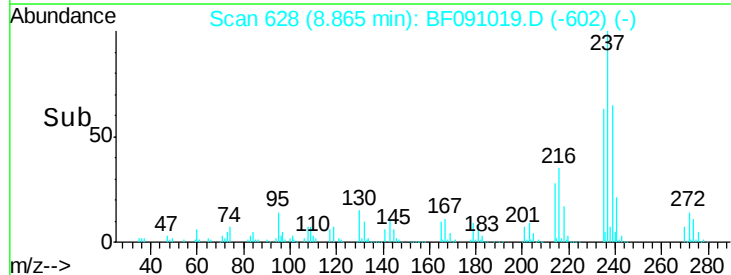
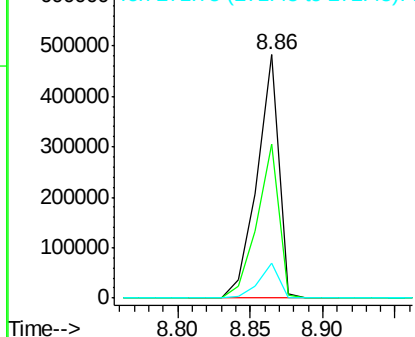


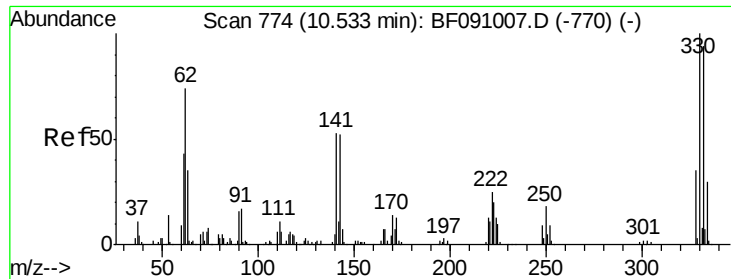
#40
 Hexachlorocyclopentadiene
 Concen: 124.72 ng
 RT: 8.86 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	503764		
235	63.4	42.1	82.1	
272	14.2	0.0	33.1	



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





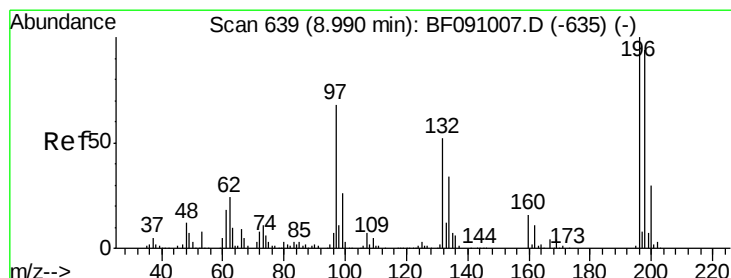
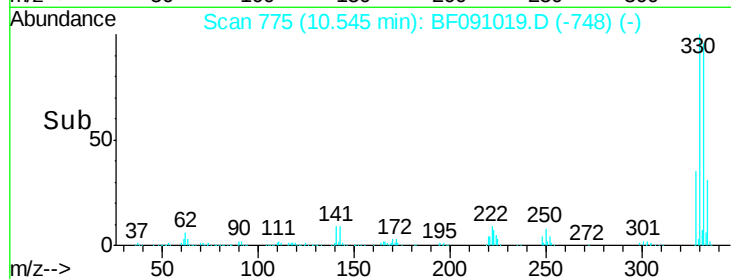
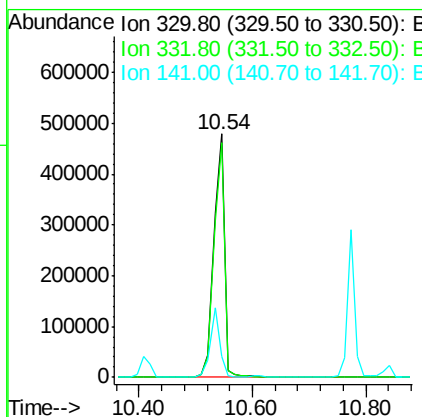
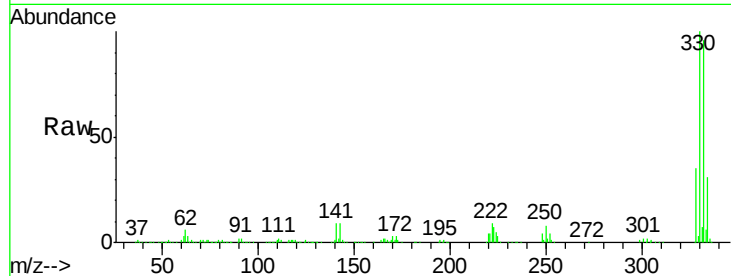
#41
 2,4,6-Tribromophenol
 Concen: 170.68 ng
 RT: 10.54 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion:330 Resp: 609739
 Ion Ratio Lower Upper
 330 100
 332 95.7 75.9 113.9
 141 25.1 36.1 54.1#

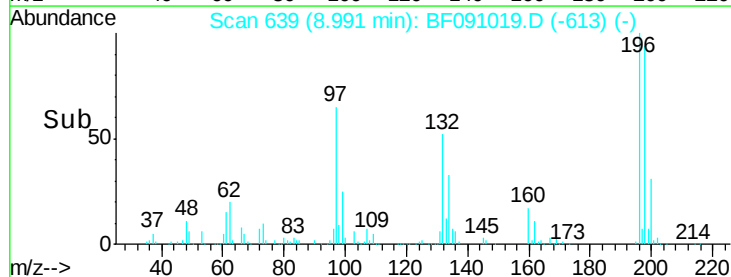
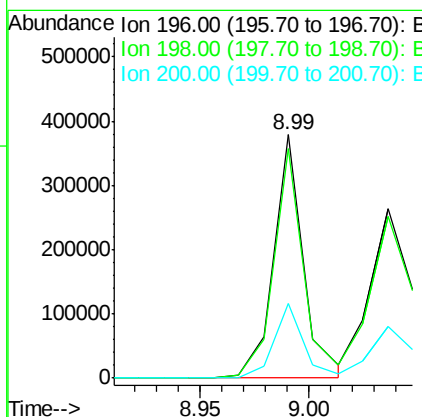
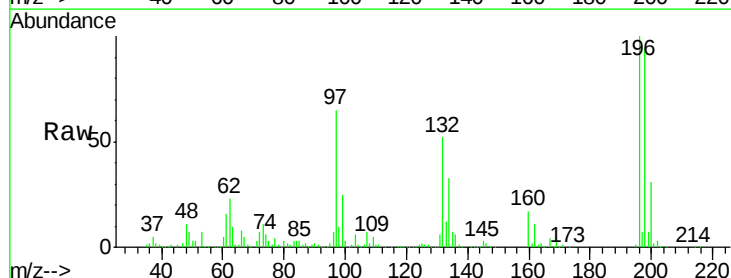
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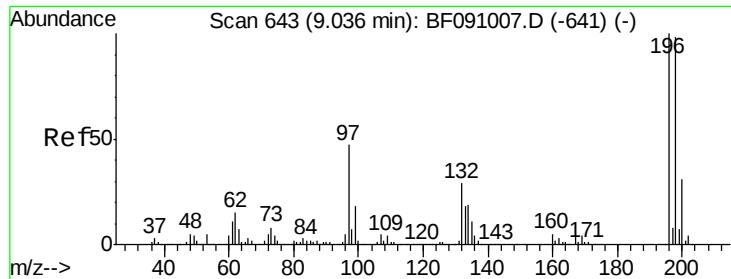
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#42
 2,4,6-Trichlorophenol
 Concen: 56.08 ng
 RT: 8.99 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion:196 Resp: 364743
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.4 113.0
 200 30.6 24.1 36.1





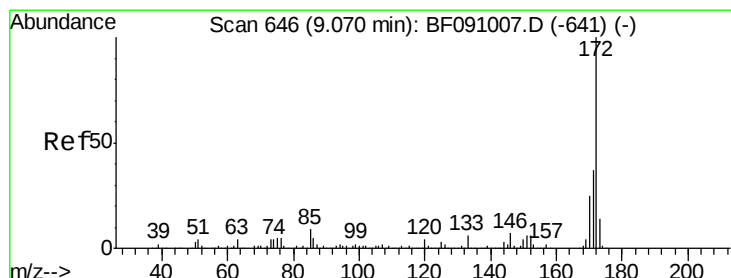
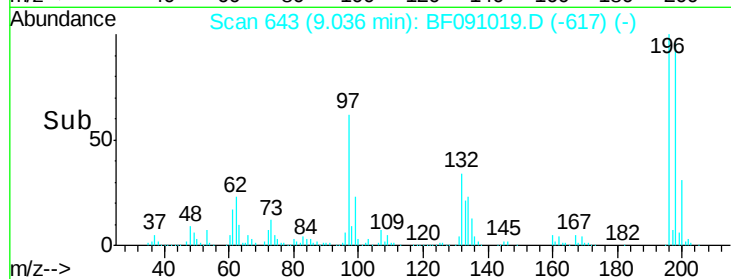
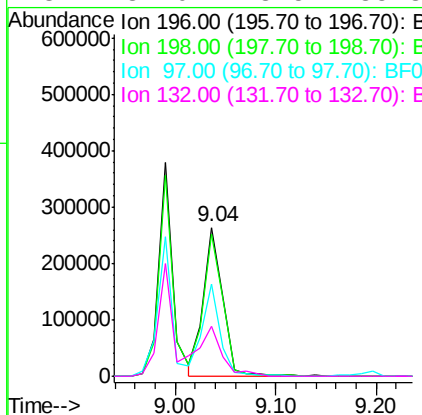
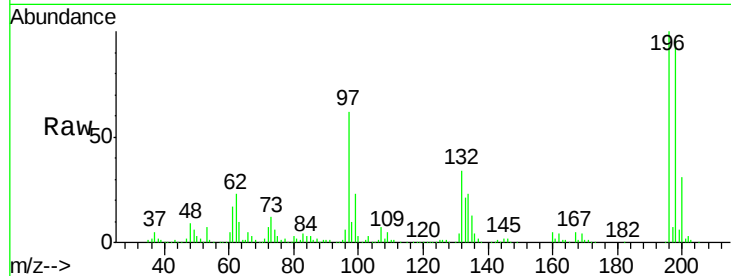
#43
 2,4,5-Trichlorophenol
 Concen: 51.56 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	352056		
198	95.7	78.2	117.4	
97	62.2	38.8	58.2	
132	34.0	23.5	35.3	

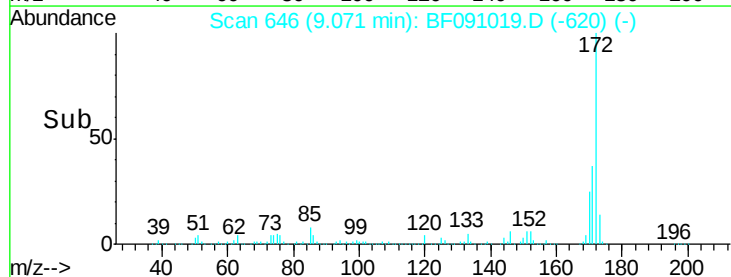
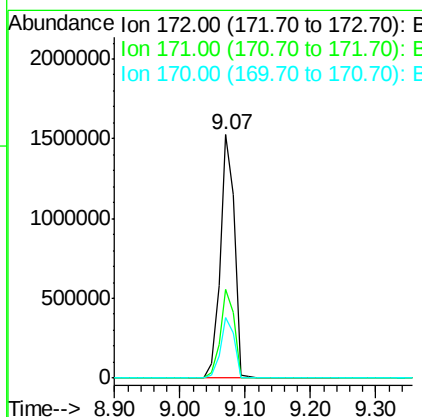
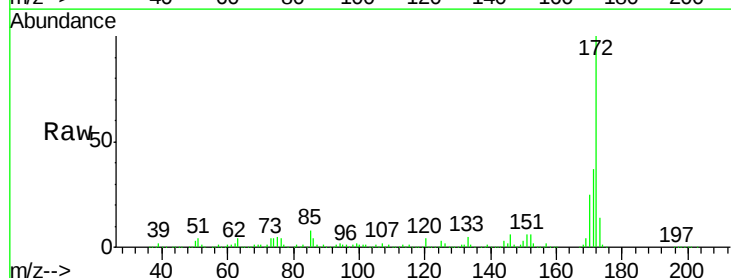
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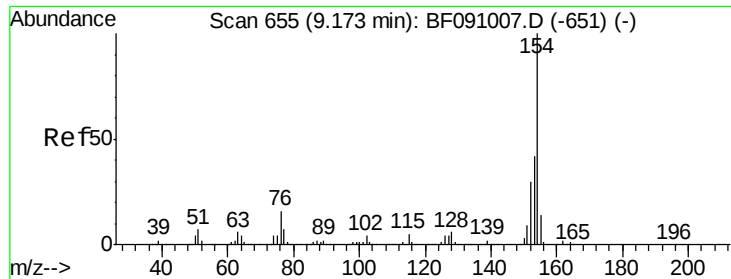
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#44
 2-Fluorobiphenyl
 Concen: 101.47 ng
 RT: 9.07 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2329089		
171	36.6	29.8	44.6	
170	25.1	20.3	30.5	





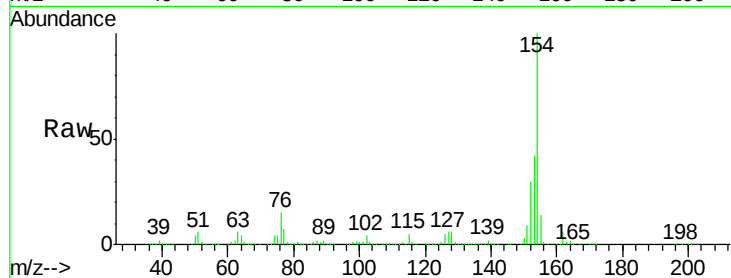
#45
 1,1'-Biphenyl
 Concen: 50.53 ng
 RT: 9.17 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

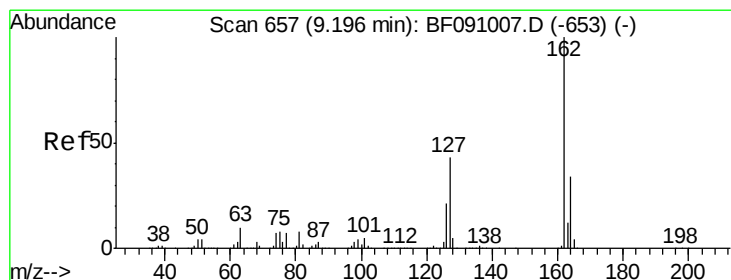
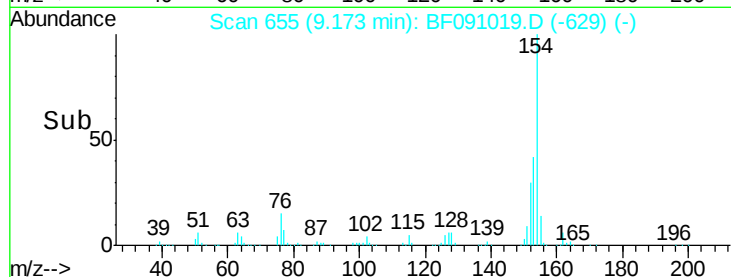
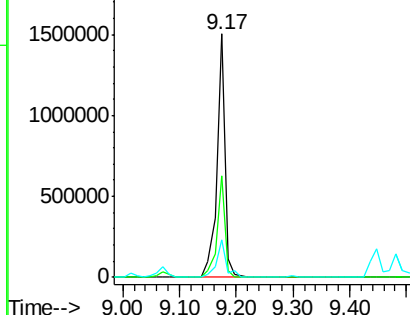
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.6	61.6
76	15.2	0.0	36.2

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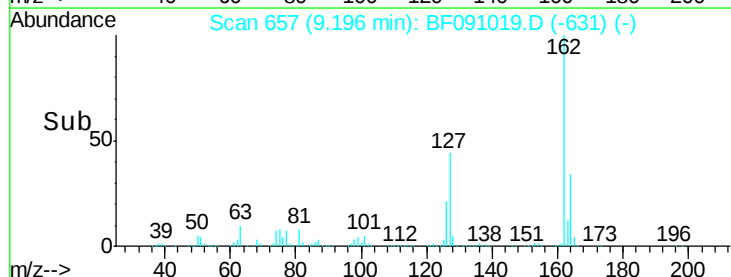
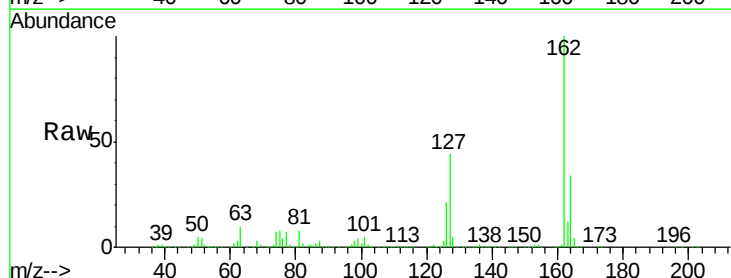
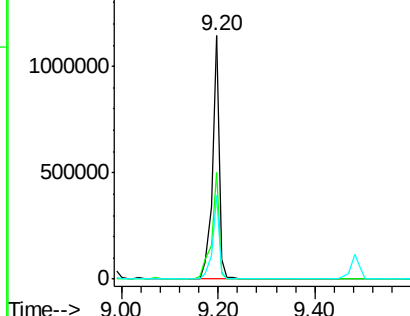
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

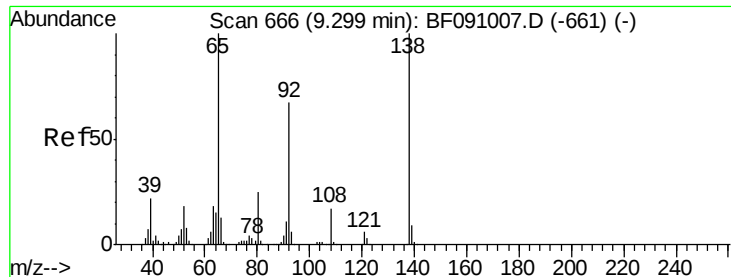


#46
 2-Chloronaphthalene
 Concen: 53.05 ng
 RT: 9.20 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	34.7	52.1
164	34.2	27.0	40.4

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





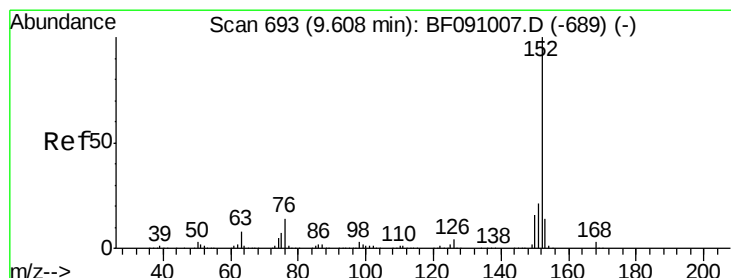
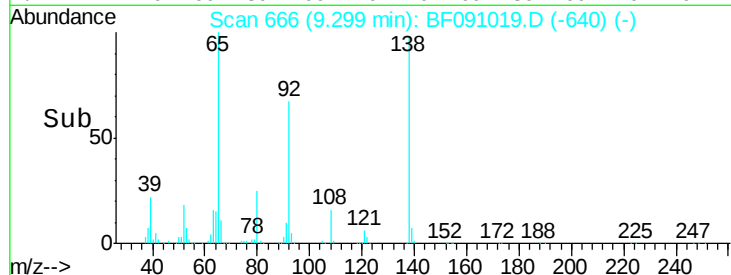
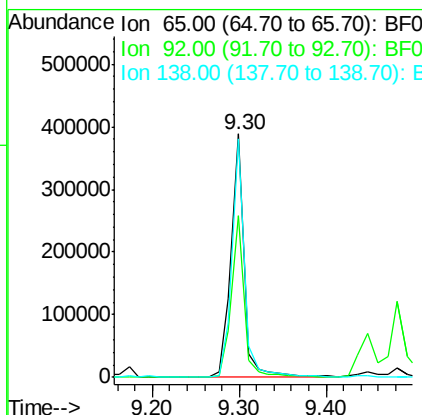
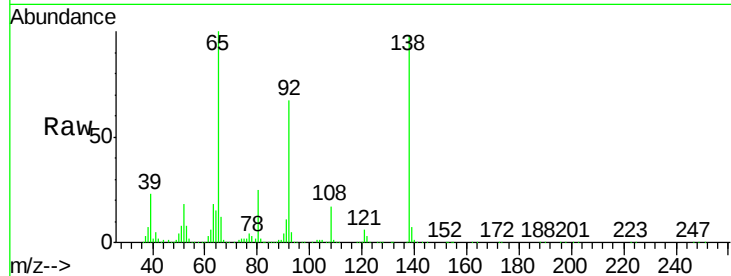
#47
2-Nitroaniline
Concen: 51.09 ng
RT: 9.30 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion: 65 Resp: 415382
Ion Ratio Lower Upper
65 100
92 66.5 53.9 80.9
138 97.9 80.1 120.1

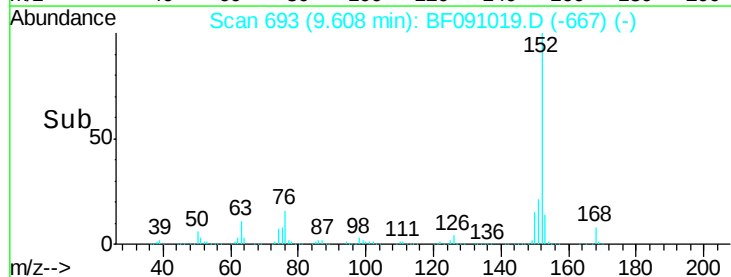
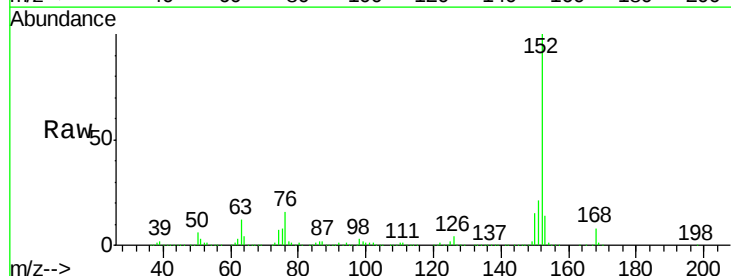
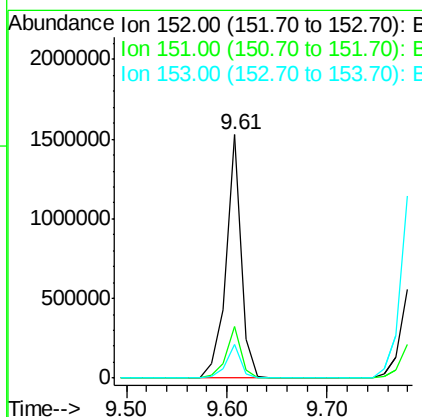
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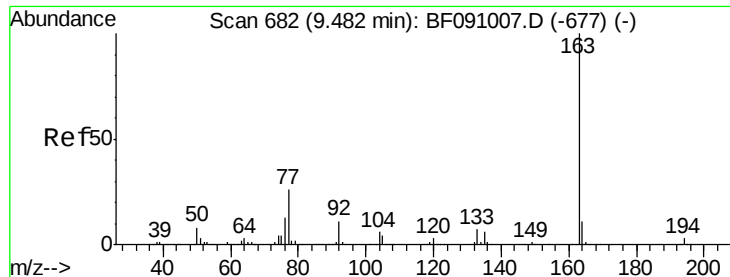
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#48
Acenaphthylene
Concen: 46.52 ng
RT: 9.61 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion: 152 Resp: 1588123
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1
153 14.0 11.1 16.7





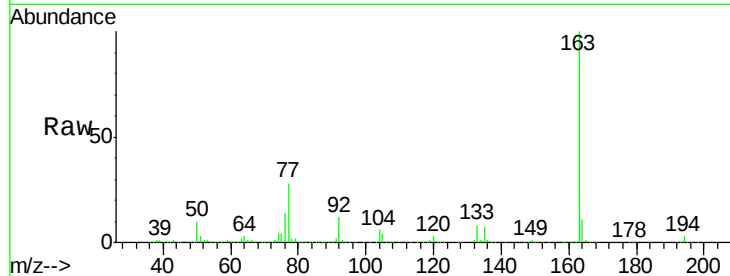
#49
Dimethylphthalate
Concen: 55.01 ng
RT: 9.48 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

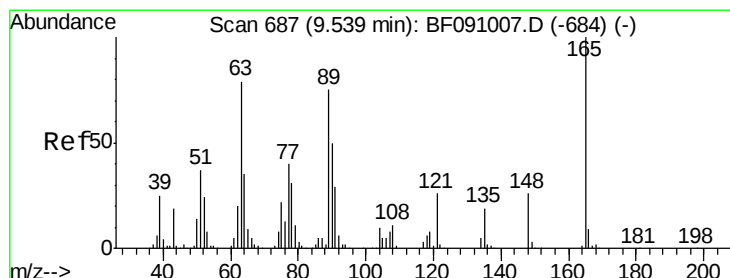
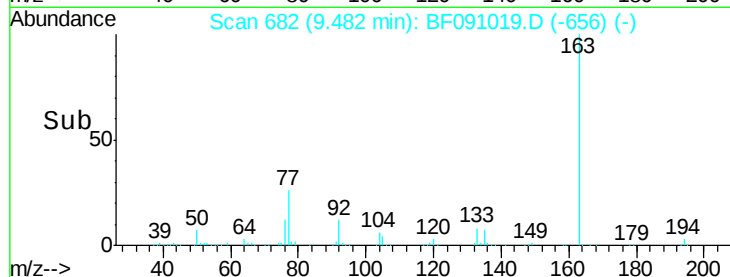
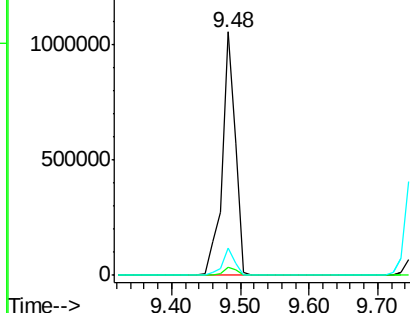
Tgt Ion:163 Resp: 1425464
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 11.0 8.7 13.1

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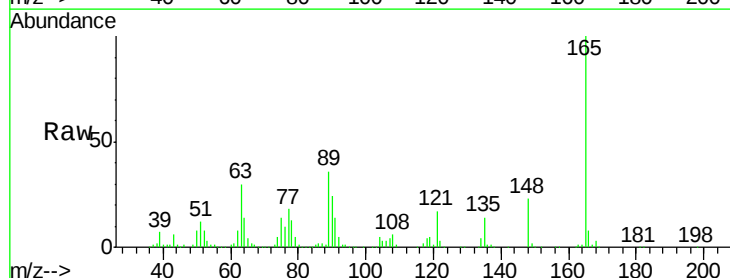


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

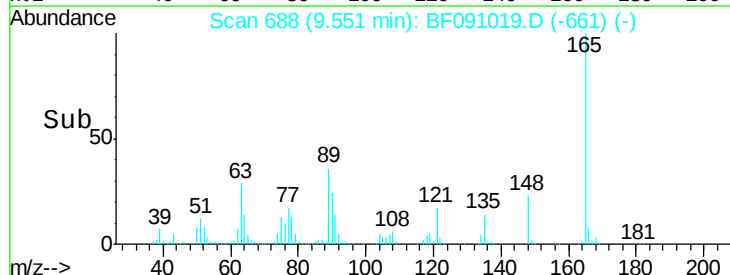
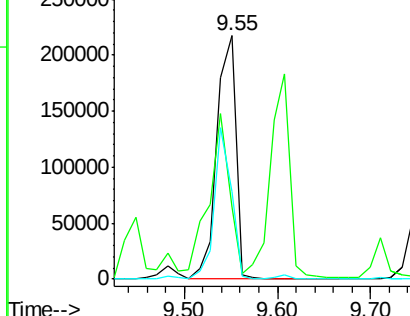


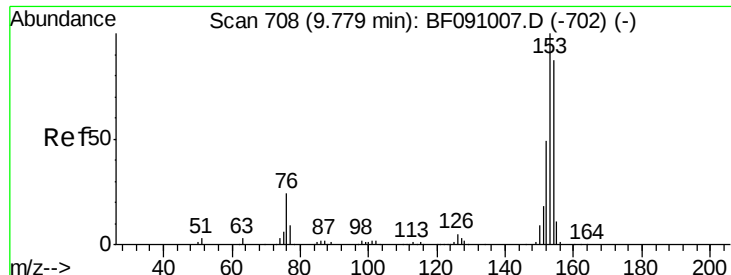
#50
2,6-Dinitrotoluene
Concen: 55.48 ng
RT: 9.55 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:165 Resp: 308094
Ion Ratio Lower Upper
165 100
63 29.7 65.6 98.4#
89 35.8 59.8 89.6#



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: 46.21 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

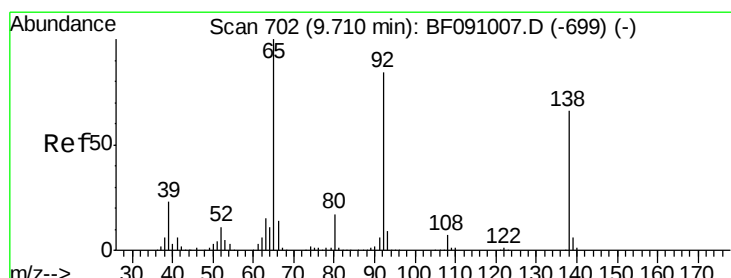
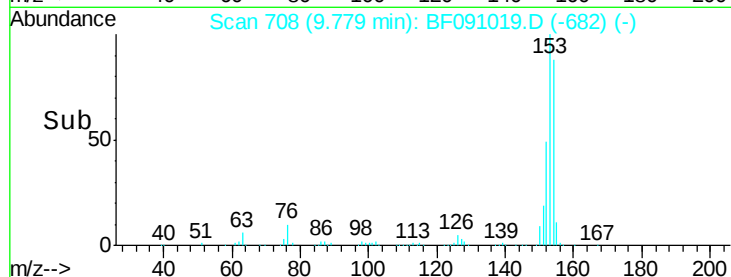
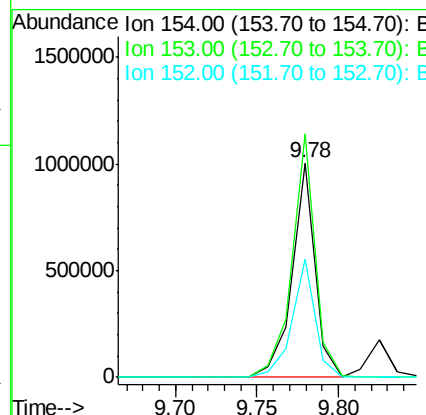
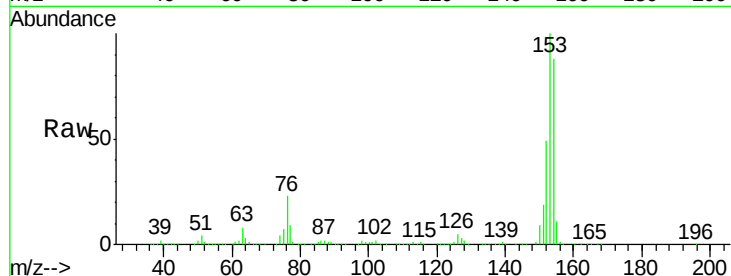
GW-96-7.5-18.0MSD

Tgt Ion:	154	Resp:	990375
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.6	137.4
152	55.3	44.6	67.0

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#52

3-Nitroaniline

Concen: 29.41 ng

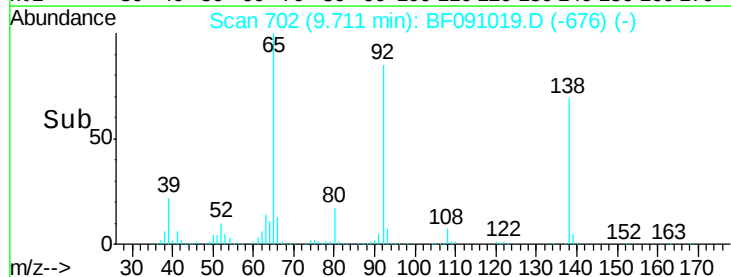
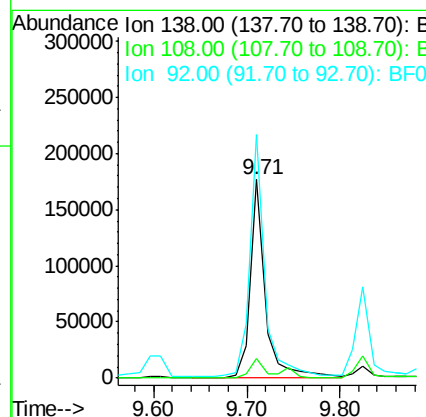
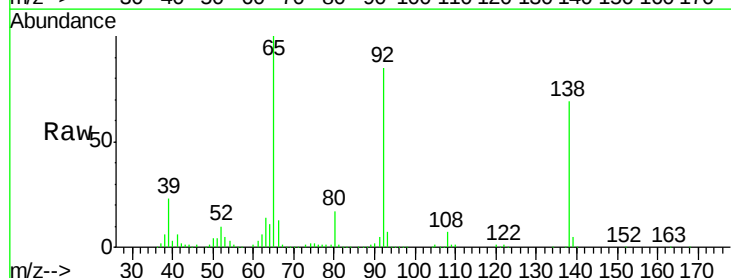
RT: 9.71 min Scan# 702

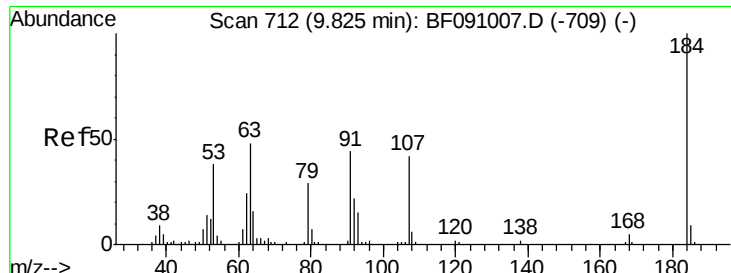
Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	138	Resp:	193647
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.4	12.6
92	122.8	101.1	151.7





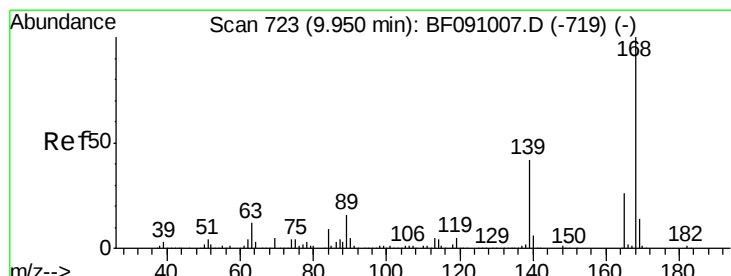
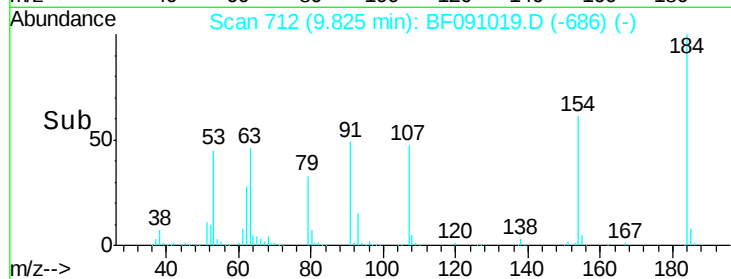
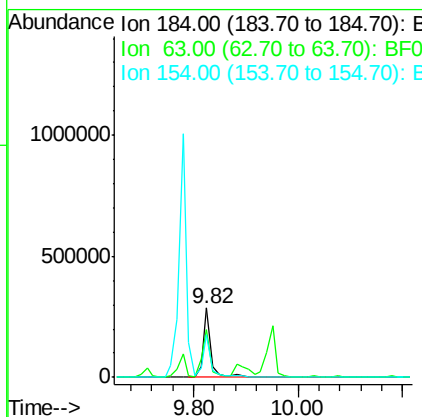
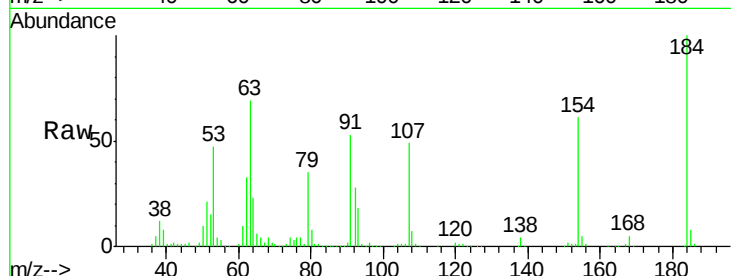
#53
2,4-Dinitrophenol
Concen: 99.08 ng
RT: 9.82 min Scan# 712
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	304608		
63	68.8	45.5	68.3#	
154	61.4	51.0	76.4	

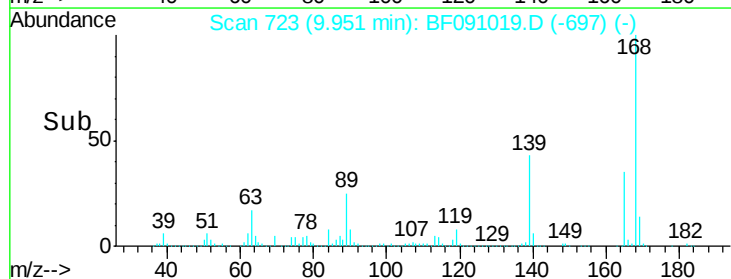
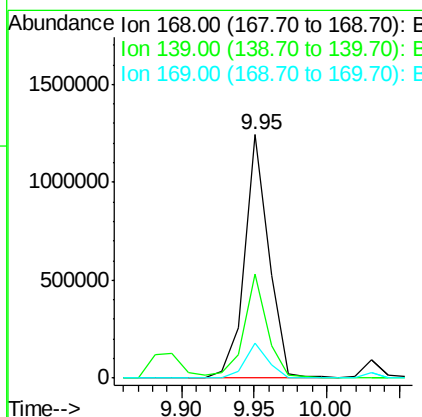
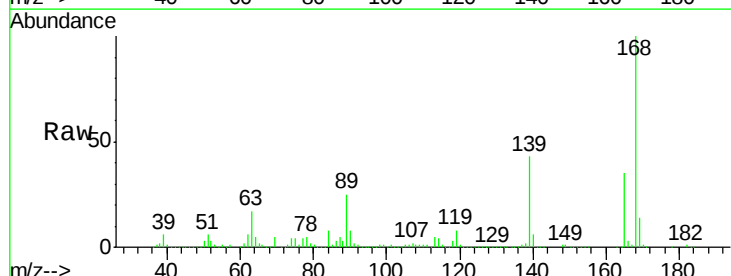
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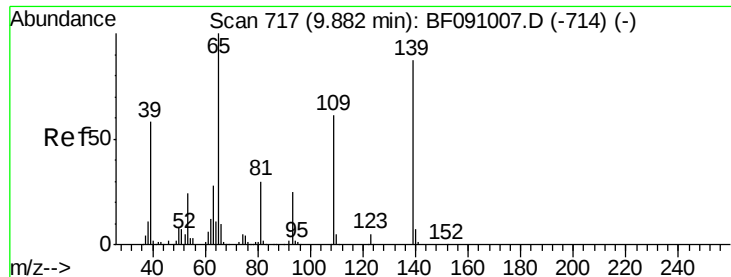
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#54
Dibenzofuran
Concen: 49.87 ng
RT: 9.95 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1438723		
139	42.7	34.8	52.2	
169	14.1	11.4	17.2	





#55

4-Nitrophenol

Concen: 48.84 ng

RT: 9.89 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:139 Resp: 203627
Ion Ratio Lower Upper

139 100

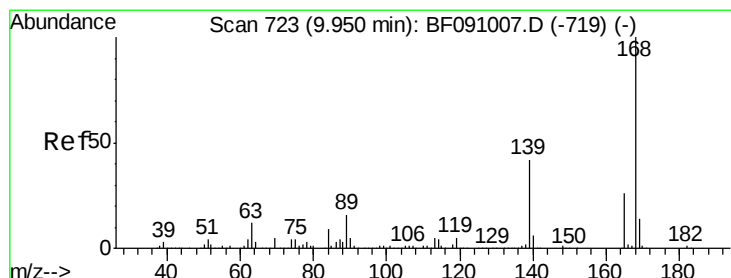
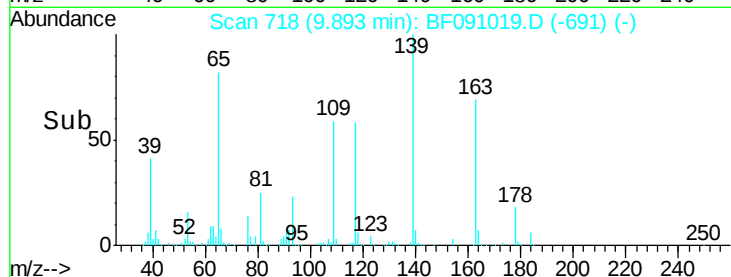
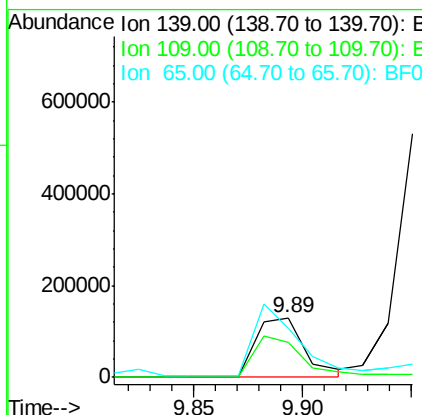
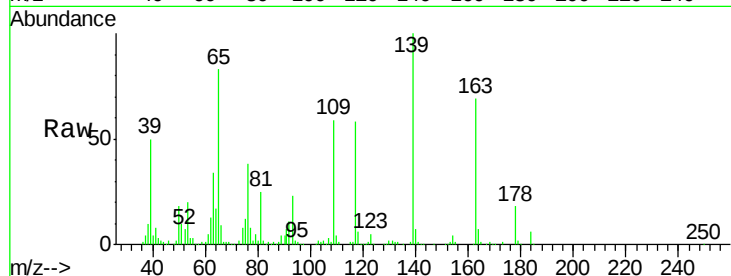
109 59.2 50.5 90.5

65 83.1 97.1 137.1#

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#56

2,4-Dinitrotoluene

Concen: 57.54 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

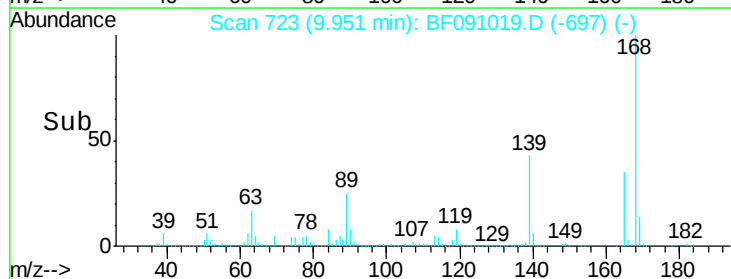
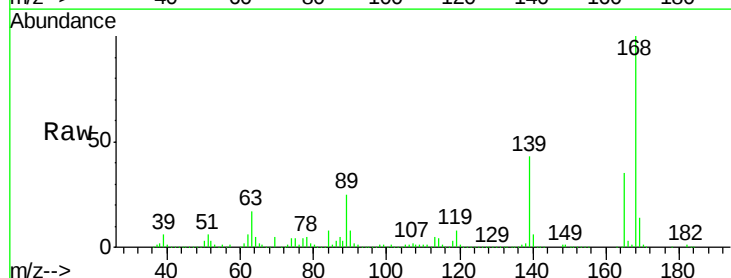
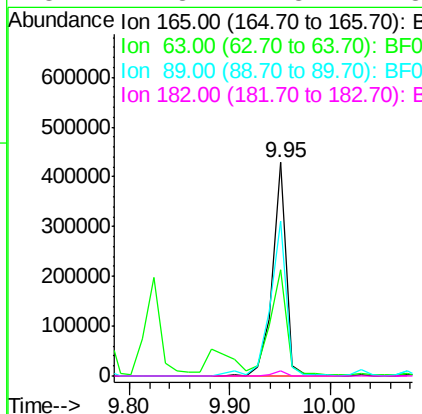
Tgt Ion:165 Resp: 406555
Ion Ratio Lower Upper

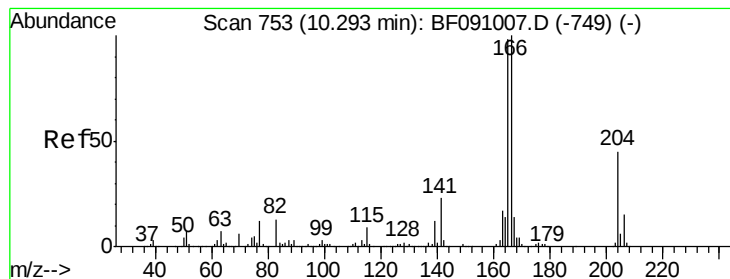
165 100

63 49.9 38.7 58.1

89 72.6 50.6 76.0

182 2.3 1.8 2.8





#57

Fluorene

Concen: 45.74 ng

RT: 10.29 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:166 Resp: 1078624

Ion Ratio Lower Upper

166 100

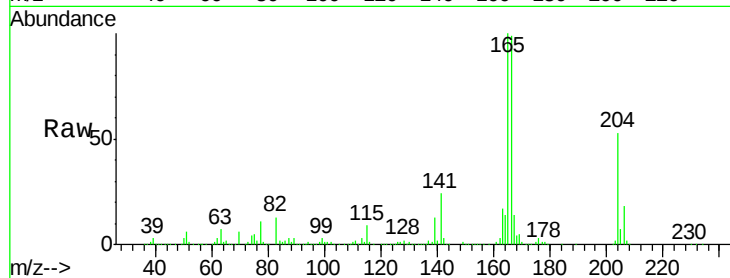
165 100.6 78.6 118.0

167 14.1 11.1 16.7

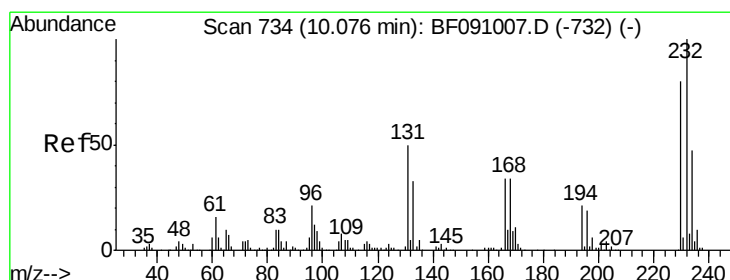
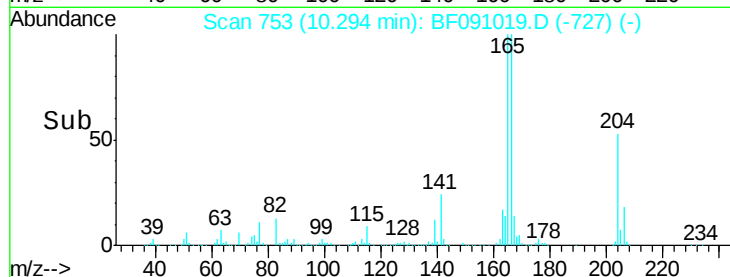
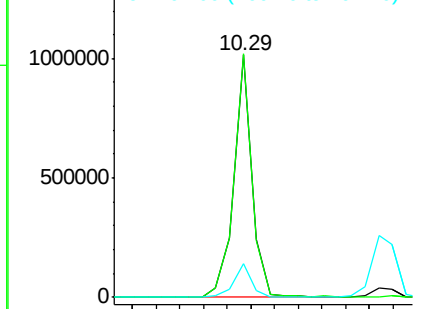
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 58.56 ng

RT: 10.08 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:232 Resp: 313258

Ion Ratio Lower Upper

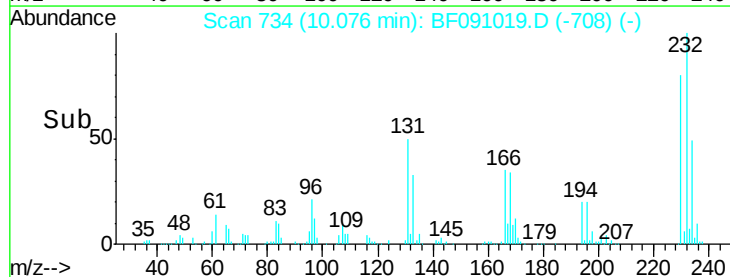
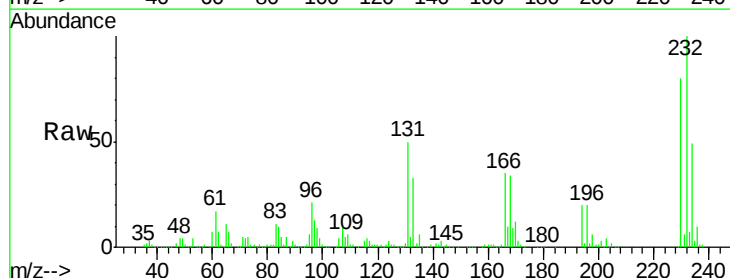
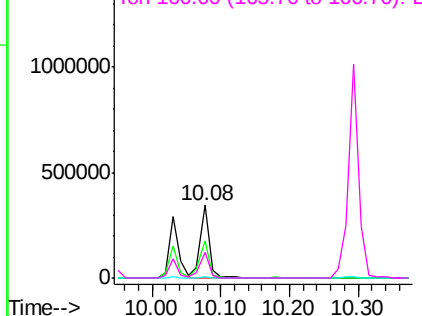
232 100

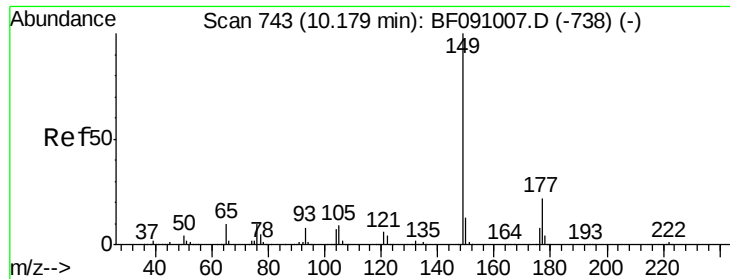
131 52.8 43.6 65.4

130 2.7 2.0 3.0

166 34.1 27.4 41.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





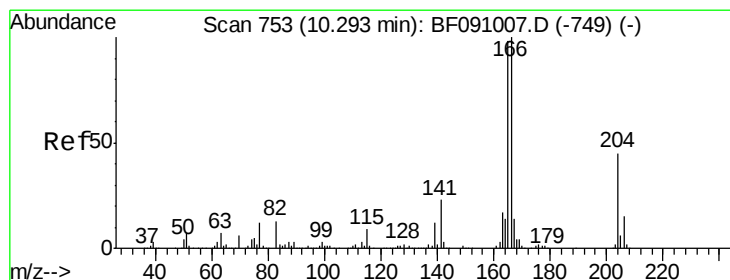
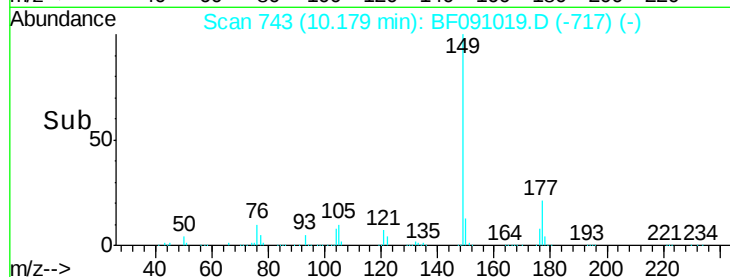
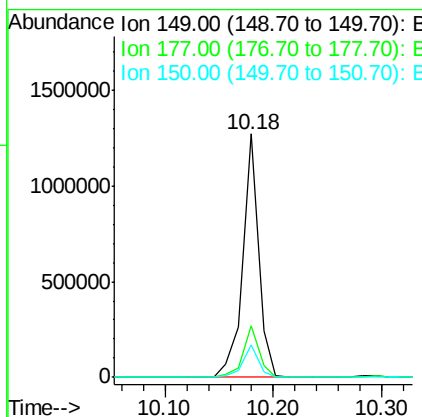
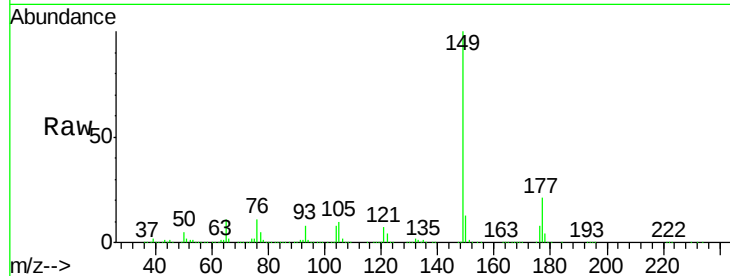
#59
Diethylphthalate
Concen: 48.29 ng
RT: 10.18 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.3	25.9
150	13.2	10.3	15.5

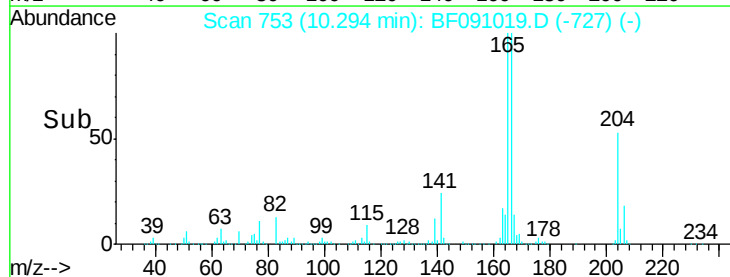
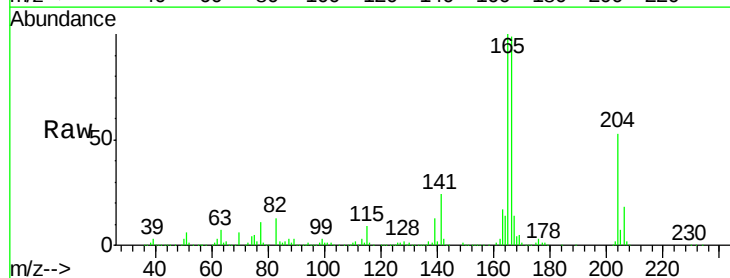
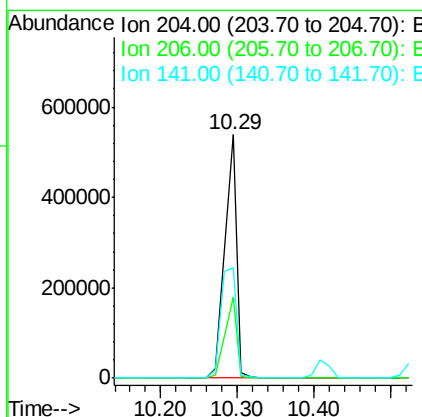
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#60
4-Chlorophenyl-phenylether
Concen: 55.29 ng
RT: 10.29 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	45.5	40.1	60.1





#61

4-Nitroaniline

Concen: 39.00 ng

RT: 10.33 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

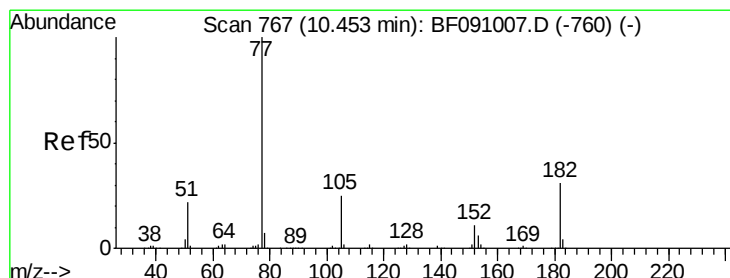
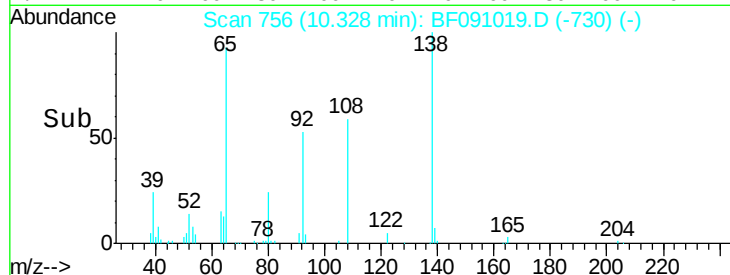
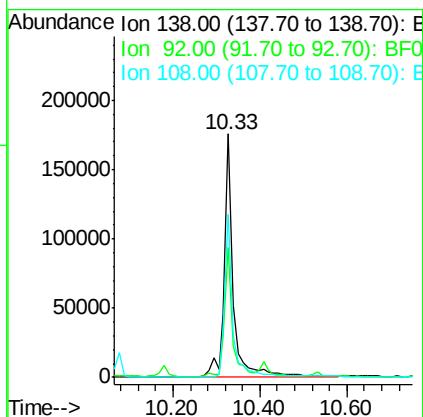
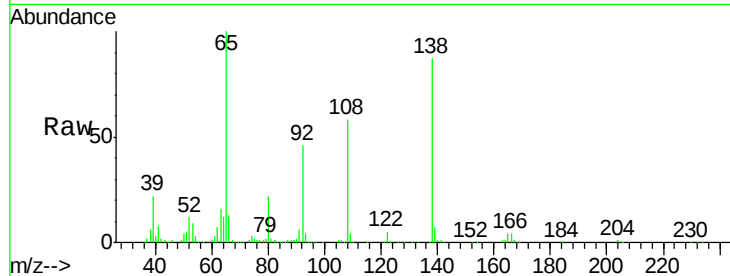
GW-96-7.5-18.0MSD

Tgt Ion:	138	Resp:	259773
Ion Ratio	Lower	Upper	
138	100		
92	53.4	32.5	72.5
108	66.7	49.4	89.4

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#62

Azobenzene

Concen: 44.47 ng

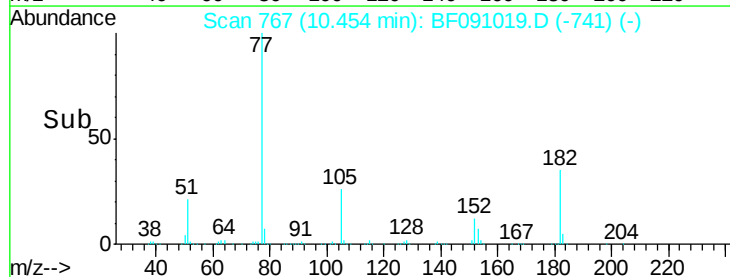
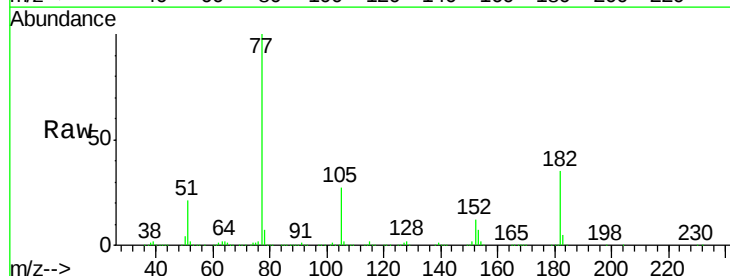
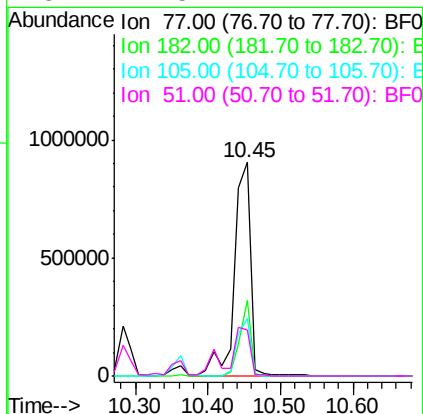
RT: 10.45 min Scan# 767

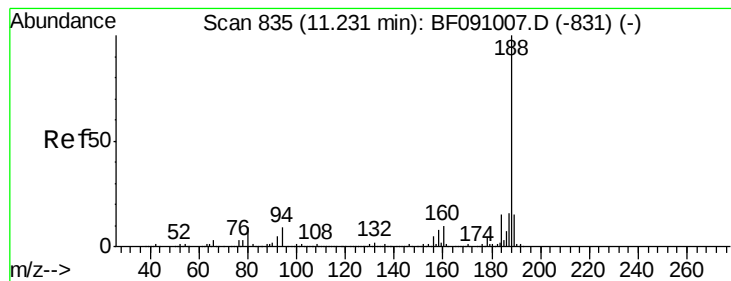
Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	77	Resp:	1390788
Ion Ratio	Lower	Upper	
77	100		
182	35.1	11.0	51.0
105	27.1	5.6	45.6
51	21.5	2.7	42.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

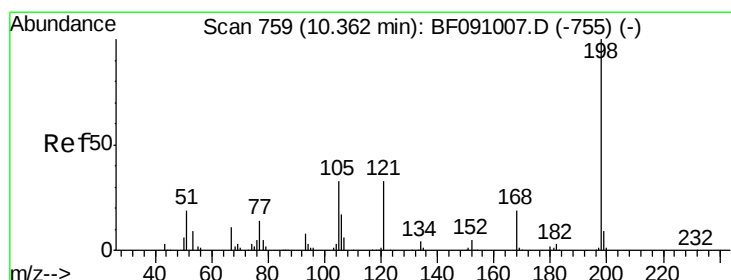
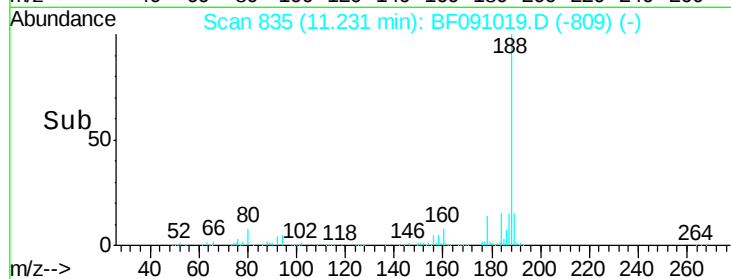
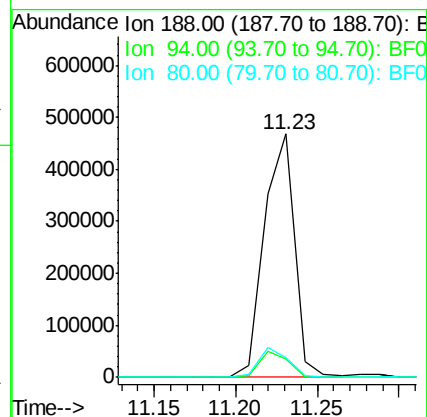
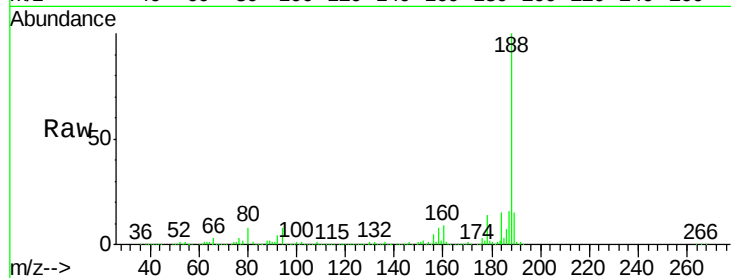
GW-96-7.5-18.0MSD

Tgt	Ion:188	Resp:	606951
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.4
80	8.1	7.5	11.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 57.42 ng

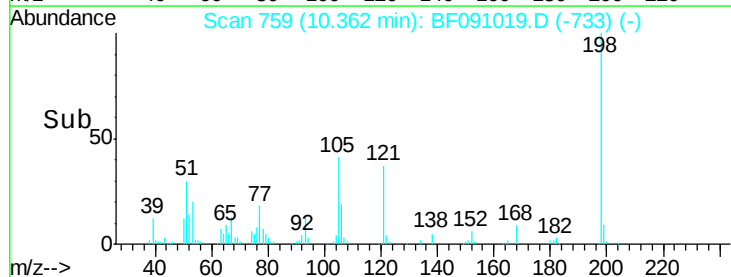
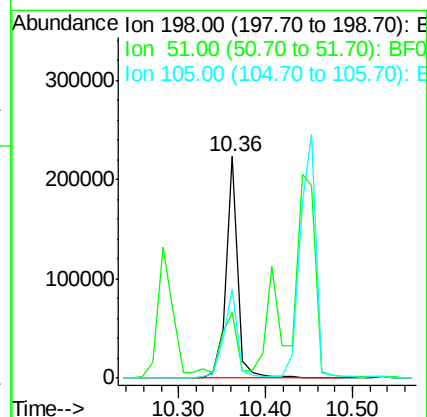
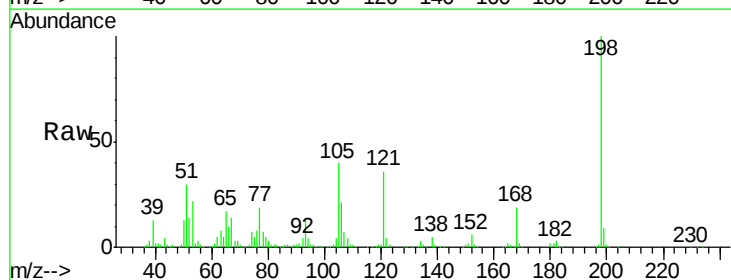
RT: 10.36 min Scan# 759

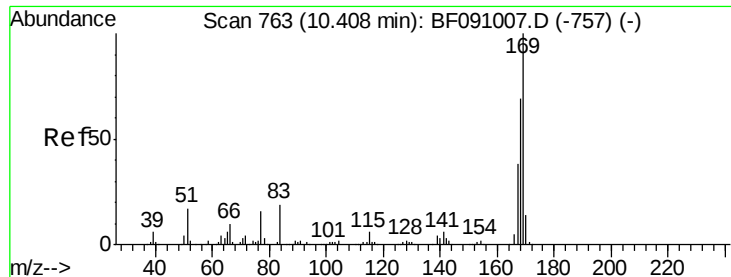
Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt	Ion:198	Resp:	213410
Ion	Ratio	Lower	Upper
198	100		
51	29.8	5.9	45.9
105	40.1	13.8	53.8





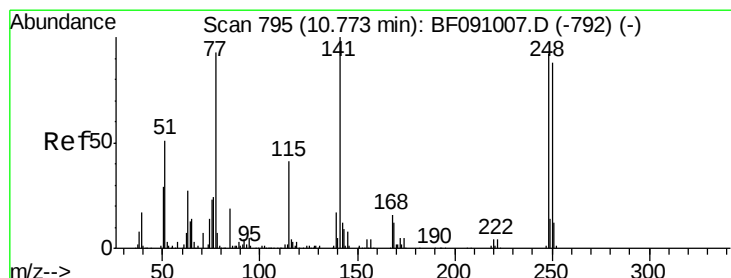
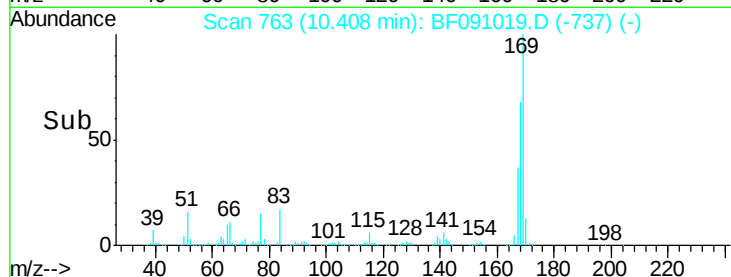
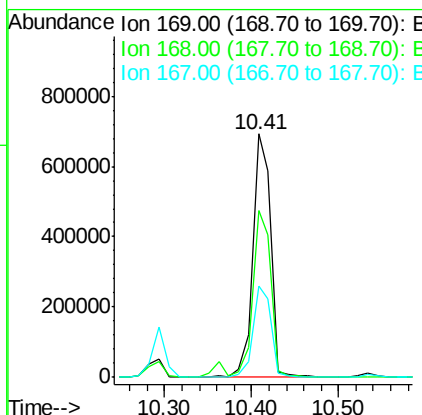
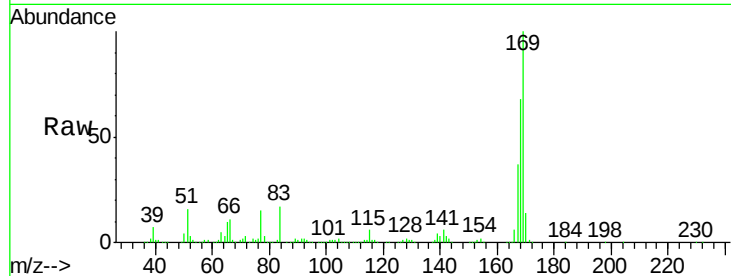
#65
n-Nitrosodiphenylamine
Concen: 51.99 ng
RT: 10.41 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion:169 Resp: 1003060
Ion Ratio Lower Upper
169 100
168 68.5 55.3 82.9
167 37.4 30.3 45.5

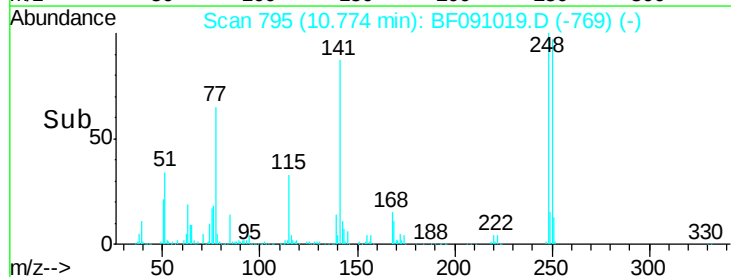
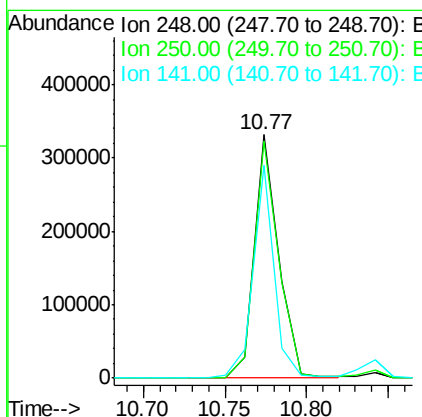
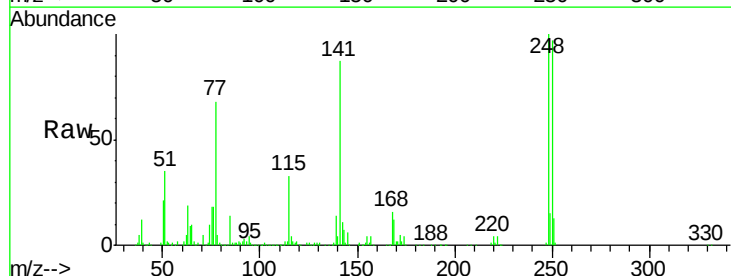
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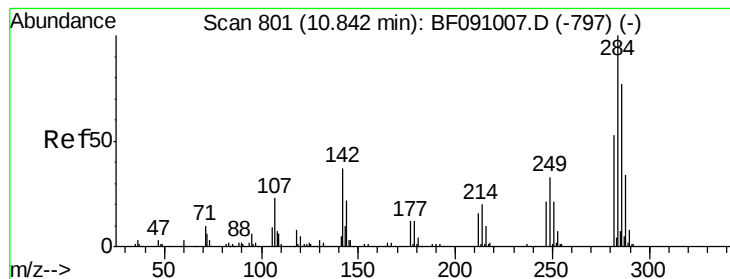
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#66
4-Bromophenyl-phenylether
Concen: 54.84 ng
RT: 10.77 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:248 Resp: 346199
Ion Ratio Lower Upper
248 100
250 97.4 76.3 114.5
141 87.5 86.8 130.2





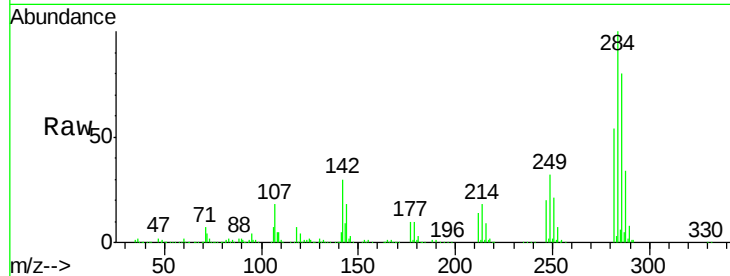
#67
Hexachlorobenzene
Concen: 59.43 ng
RT: 10.84 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

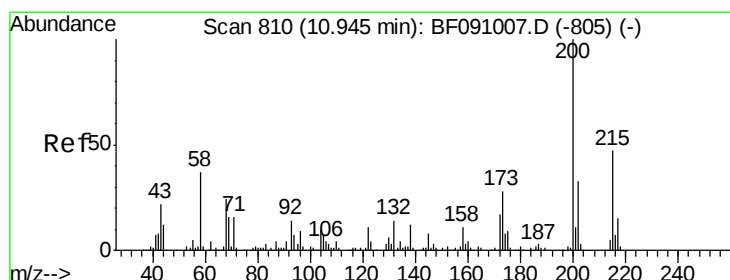
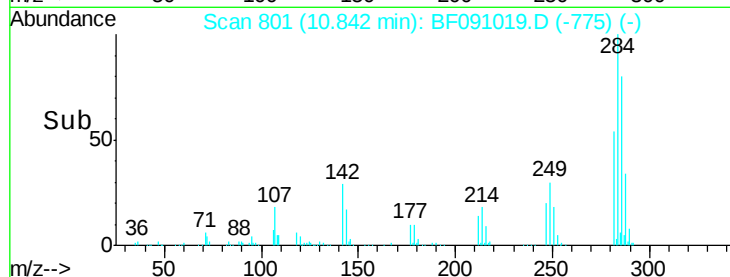
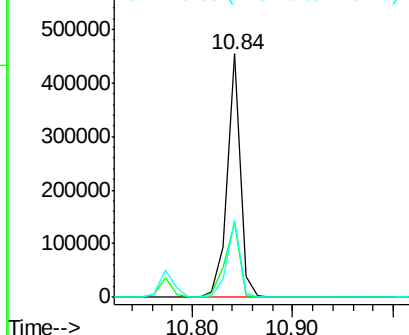
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	413838		
142	30.5	29.9	44.9	
249	31.8	26.6	39.8	

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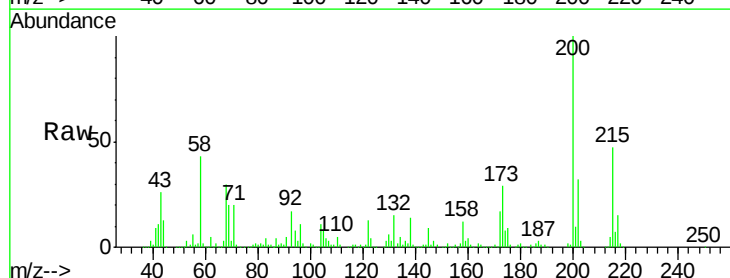


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

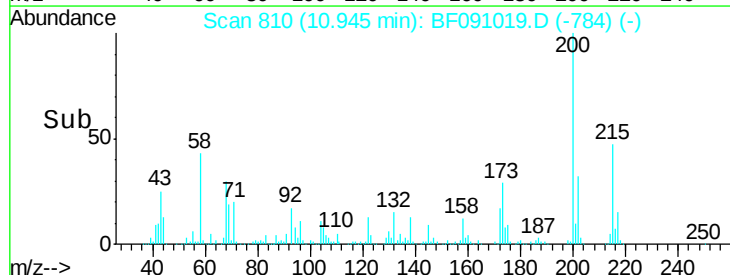
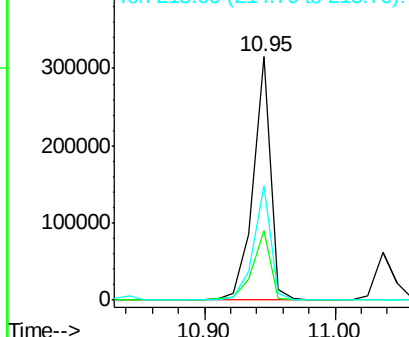


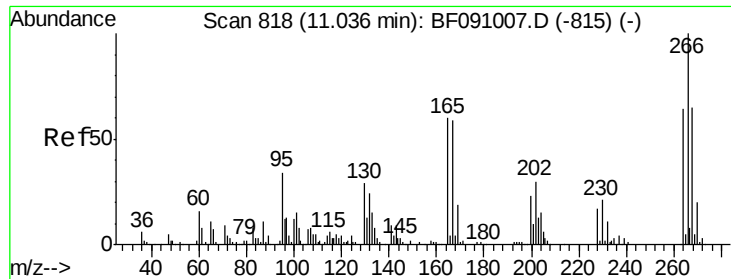
#68
Atrazine
Concen: 53.19 ng
RT: 10.95 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	296015		
173	28.5	8.1	48.1	
215	46.9	27.3	67.3	



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





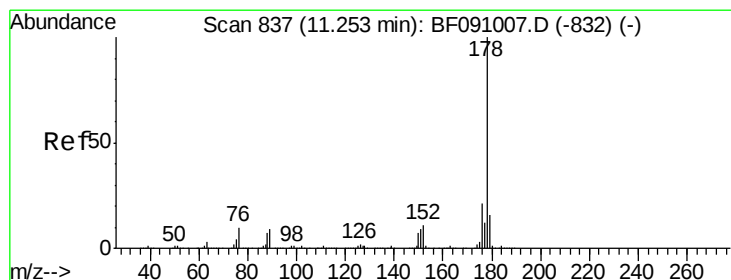
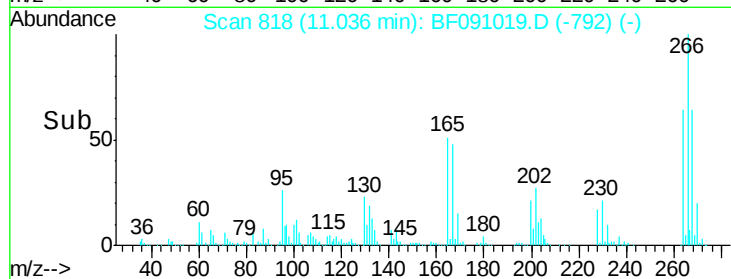
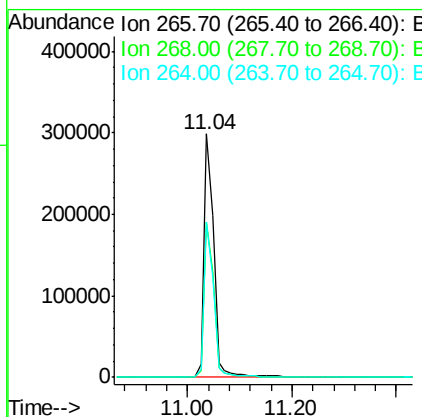
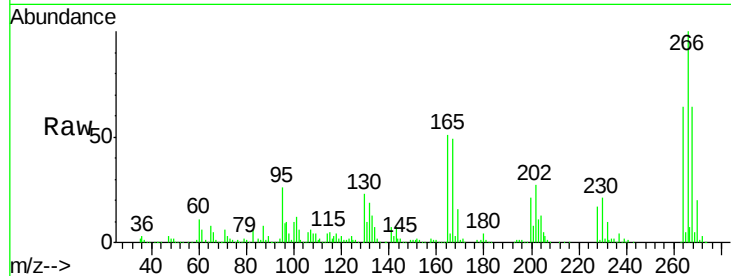
#69
 Pentachlorophenol
 Concen: 127.29 ng
 RT: 11.04 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.1	78.1
264	64.0	51.1	76.7

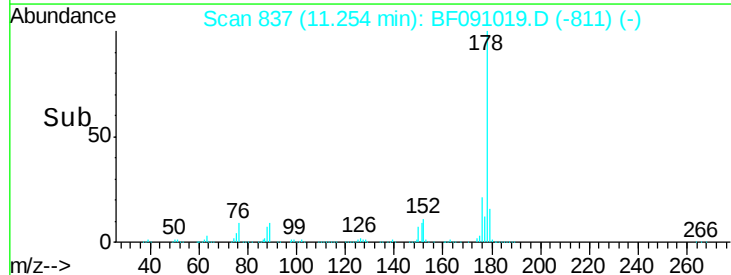
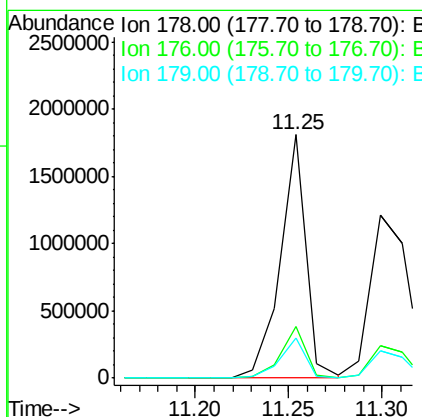
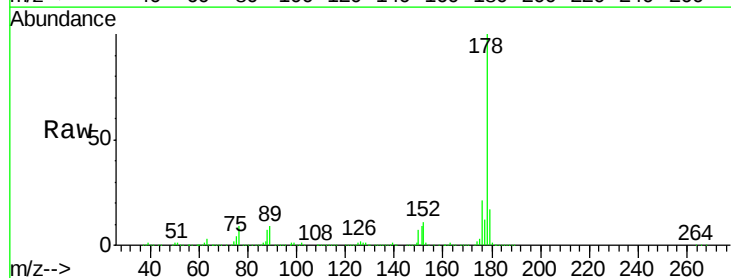
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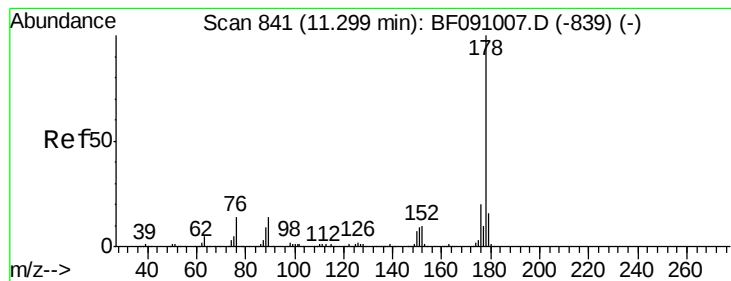
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#70
 Phenanthrene
 Concen: 53.85 ng
 RT: 11.25 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

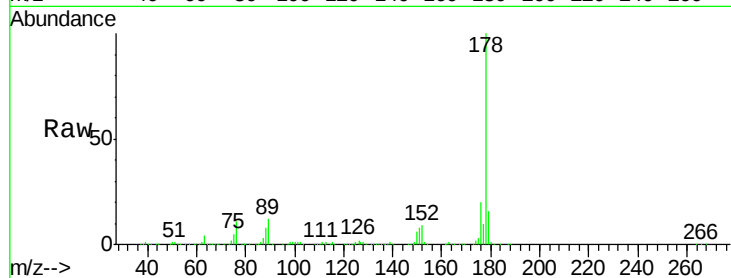
Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.6	25.0
179	16.6	12.9	19.3





#71
 Anthracene
 Concen: 48.94 ng
 RT: 11.30 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

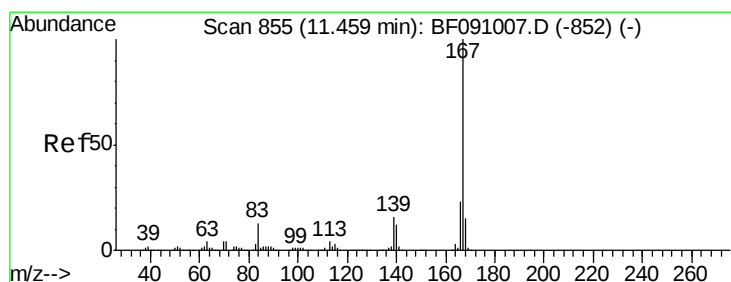
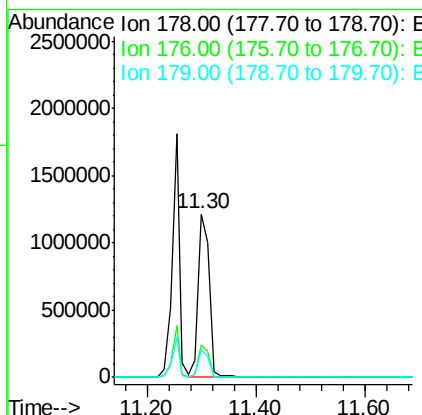
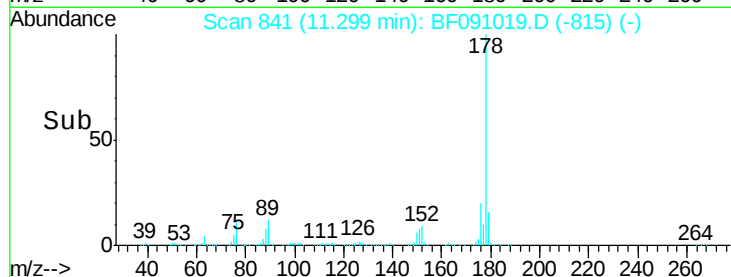
Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD



Tgt Ion:178 Resp: 1678644
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.0 24.0
 179 16.4 13.0 19.6

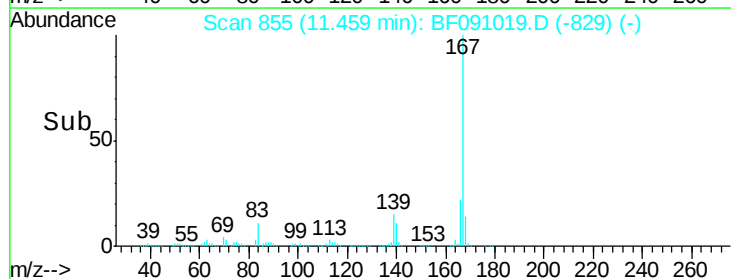
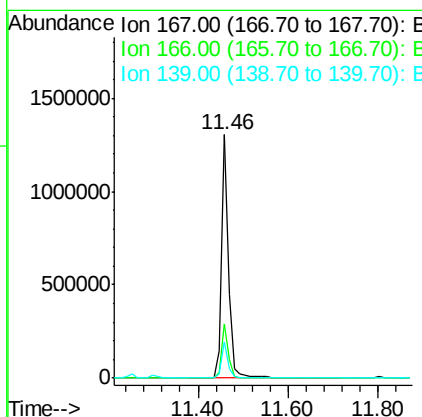
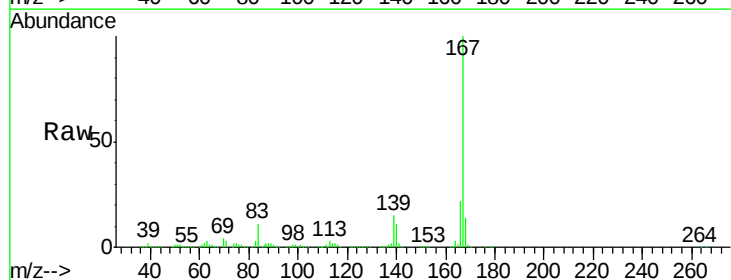
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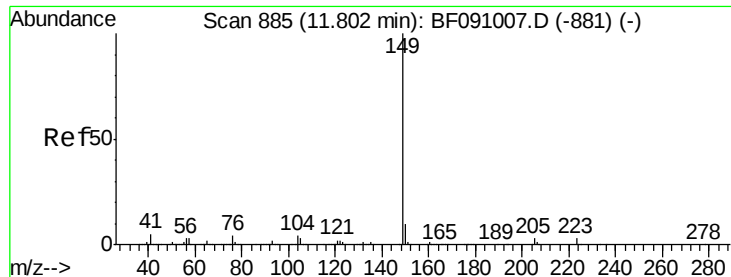
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#72
 Carbazole
 Concen: 45.75 ng
 RT: 11.46 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion:167 Resp: 1414247
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.0 27.0
 139 14.8 12.6 18.8





#73

Di-n-butylphthalate

Concen: 54.00 ng

RT: 11.80 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:149 Resp: 2099313

Ion Ratio Lower Upper

149 100

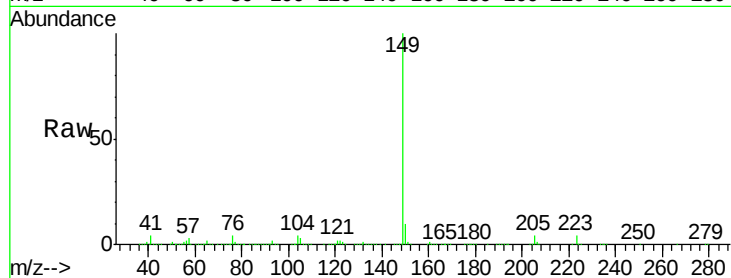
150 9.6 7.7 11.5

104 4.2 3.6 5.4

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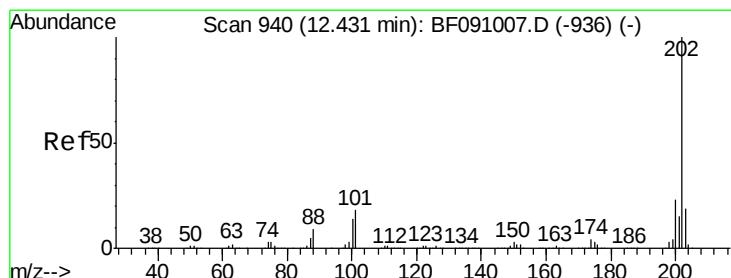
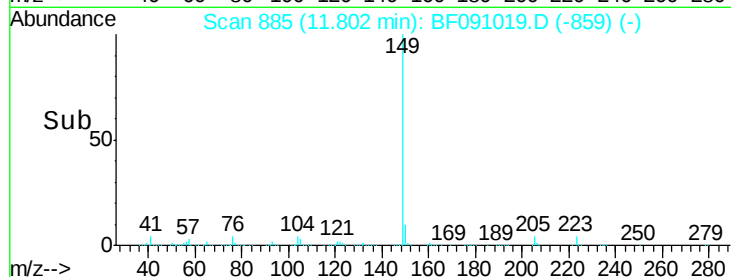
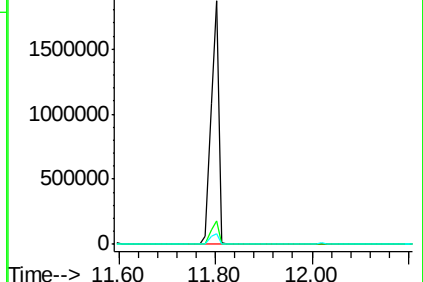
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.09 ng

RT: 12.43 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

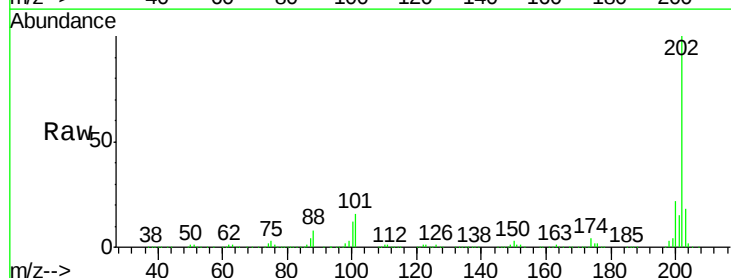
Tgt Ion:202 Resp: 1709522

Ion Ratio Lower Upper

202 100

101 15.5 0.0 37.6

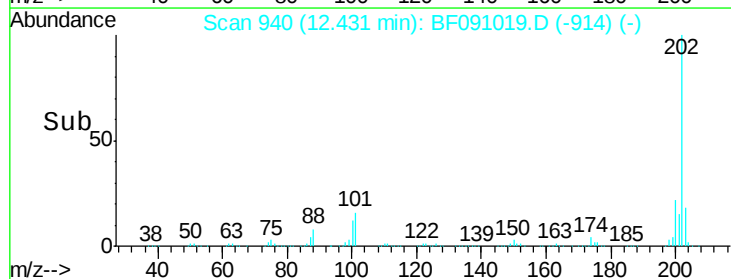
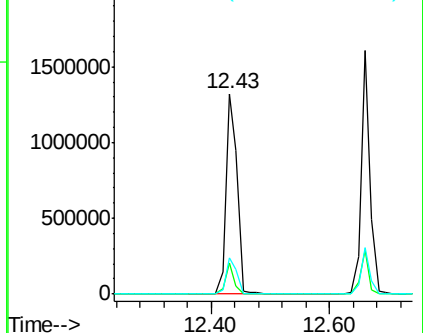
203 18.3 0.0 38.6

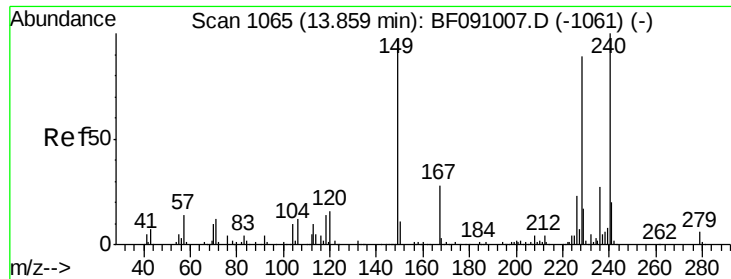


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

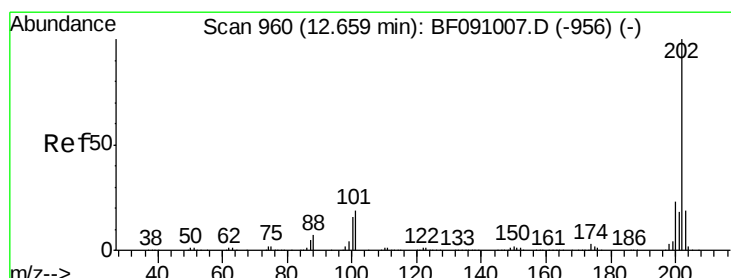
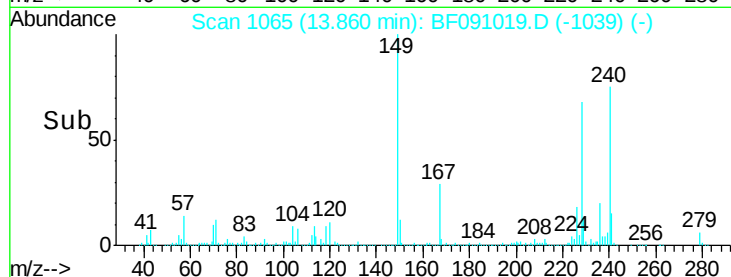
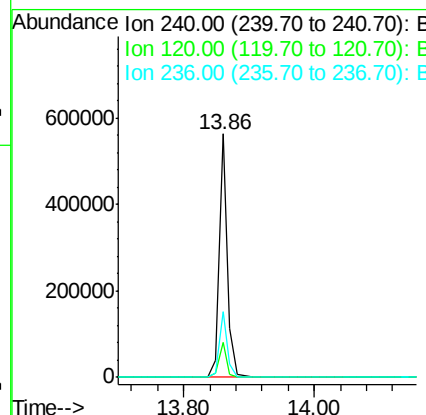
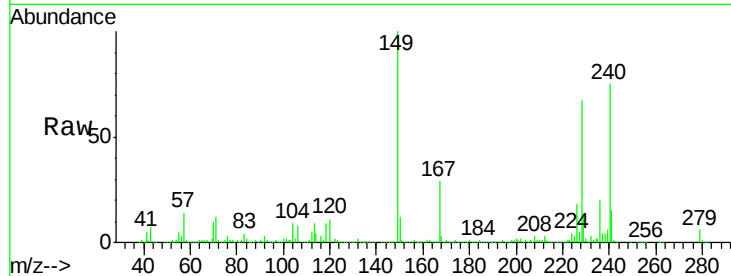
GW-96-7.5-18.0MSD

Tgt Ion:	240	Resp:	503610
Ion Ratio	Lower	Upper	
240	100		
120	14.3	12.9	19.3
236	27.2	21.9	32.9

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#77

Pyrene

Concen: 49.76 ng

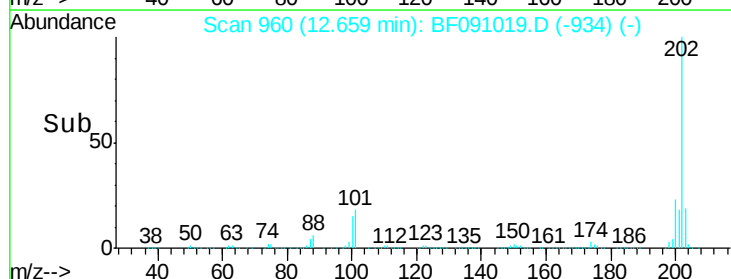
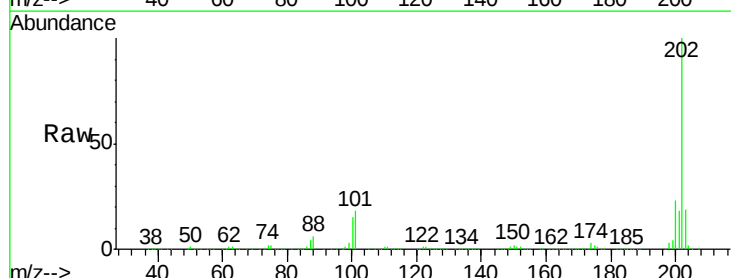
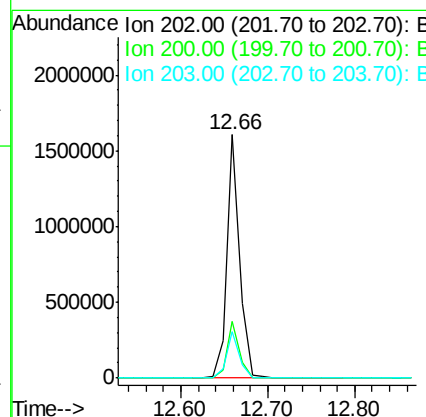
RT: 12.66 min Scan# 960

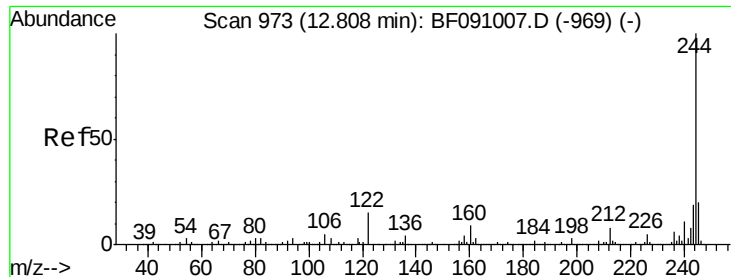
Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Tgt Ion:	202	Resp:	1641102
Ion Ratio	Lower	Upper	
202	100		
200	23.2	18.4	27.6
203	19.0	15.0	22.6





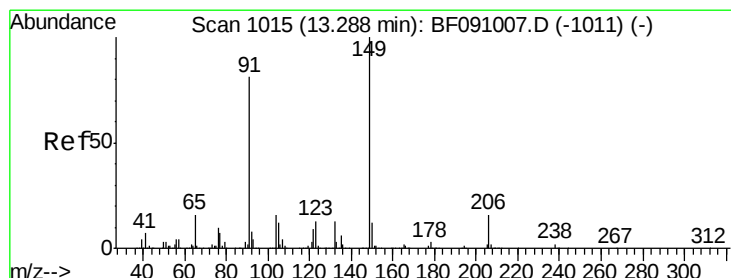
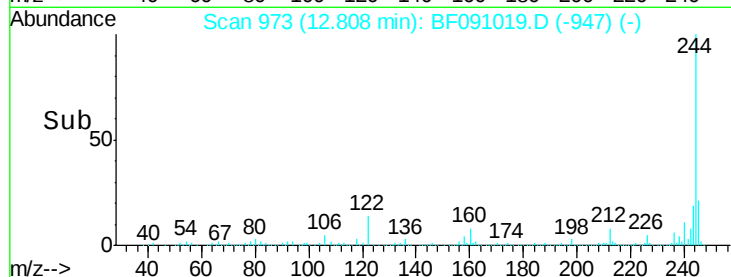
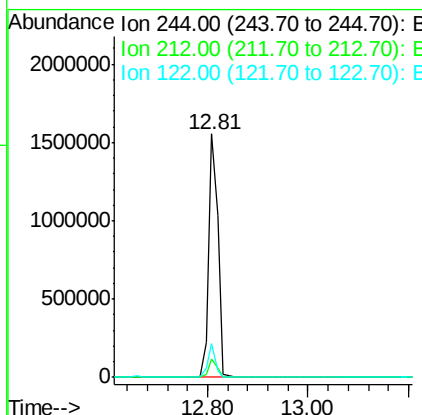
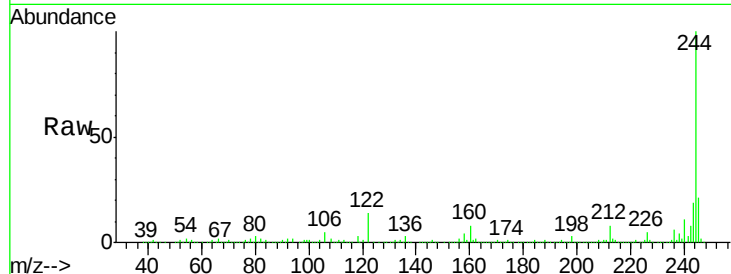
#78
 Terphenyl-d14
 Concen: 97.99 ng
 RT: 12.81 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 GW-96-7.5-18.0MSD

Tgt Ion:244 Resp: 1977464
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.9 12.3 18.5

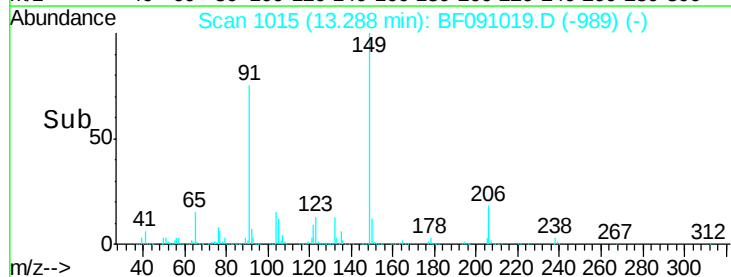
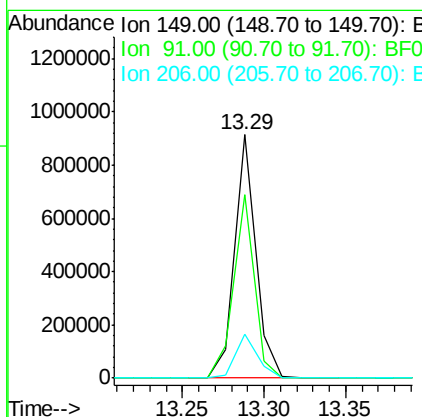
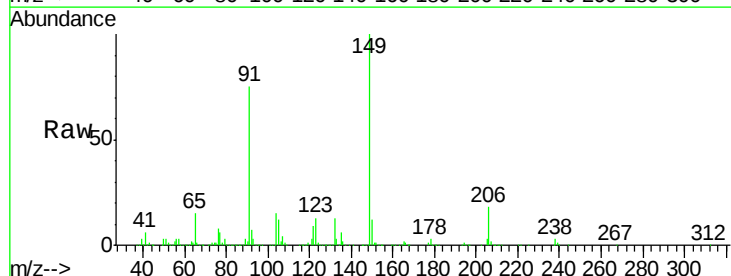
Manual Integrations
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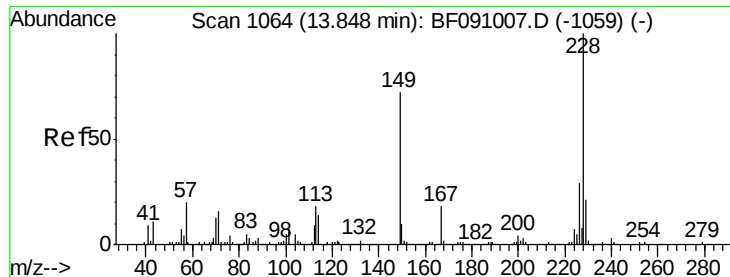
sohil
 11/7/2016 4:39:05 PM



#79
 Butylbenzylphthalate
 Concen: 51.93 ng
 RT: 13.29 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF091019.D
 Acq: 4 Nov 2016 11:41

Tgt Ion:149 Resp: 819302
 Ion Ratio Lower Upper
 149 100
 91 75.1 65.0 97.4
 206 18.0 12.5 18.7





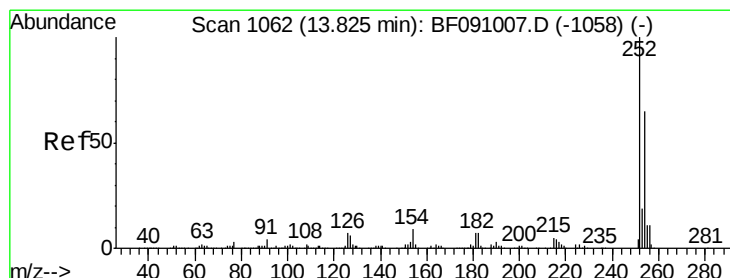
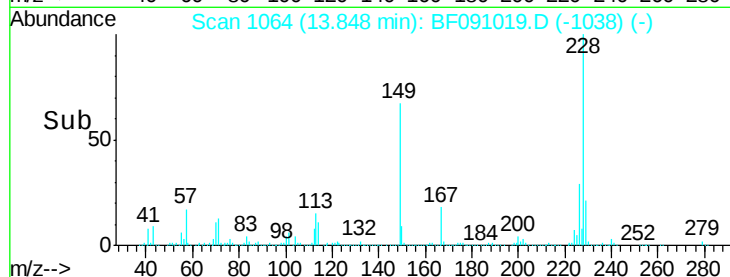
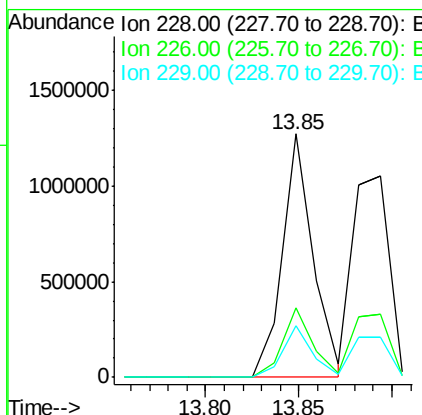
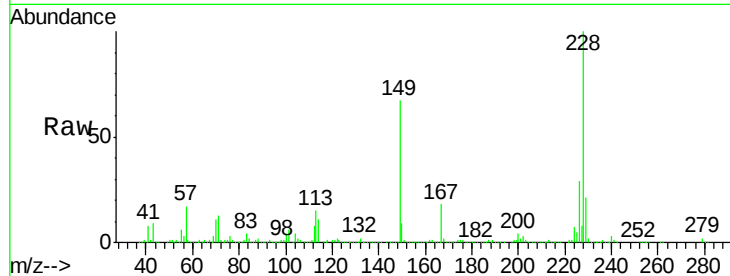
#80
Benzo(a)anthracene
Concen: 51.32 ng
RT: 13.85 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion:228 Resp: 1467479
Ion Ratio Lower Upper
228 100
226 28.5 23.0 34.6
229 21.0 16.6 24.8

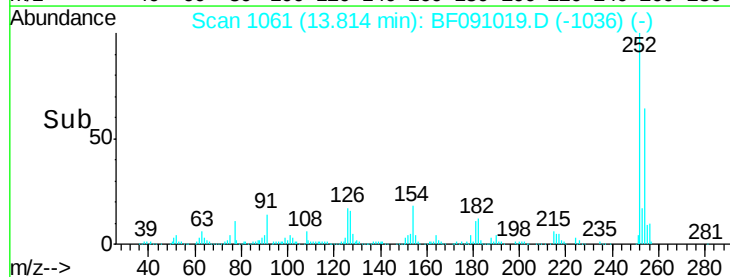
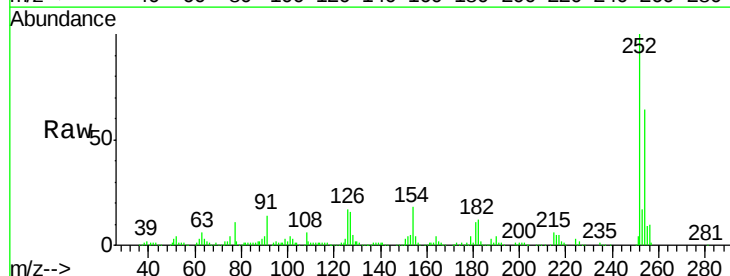
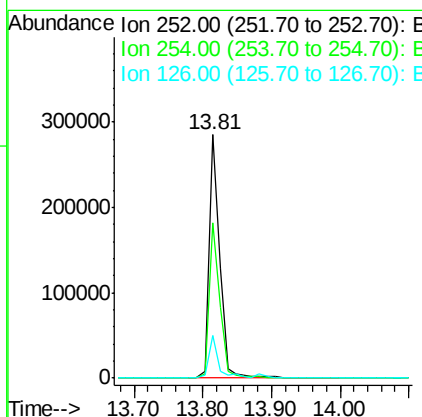
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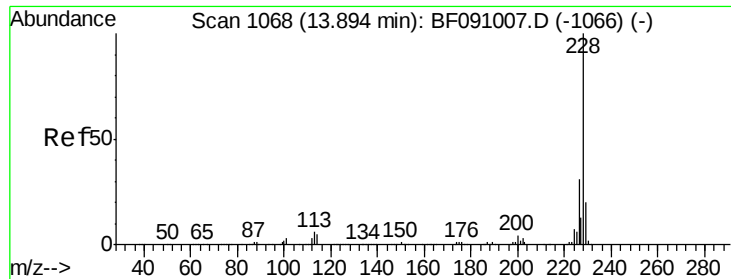
sohil
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#81
3,3'-Dichlorobenzidine
Concen: 31.08 ng
RT: 13.81 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:252 Resp: 312228
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 17.4 5.4 8.2#





#82

Chrysene

Concen: 52.26 ng

RT: 13.89 min Scan# 1068

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:228 Resp: 1473553

Ion Ratio Lower Upper

228 100

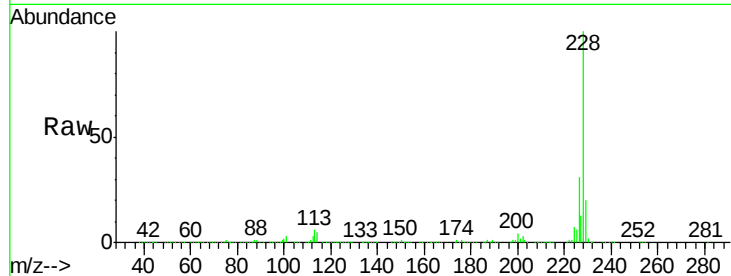
226 31.4 24.9 37.3

229 19.9 15.9 23.9

Manual Integrations
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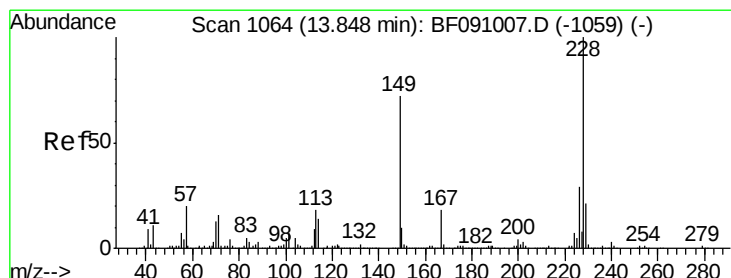
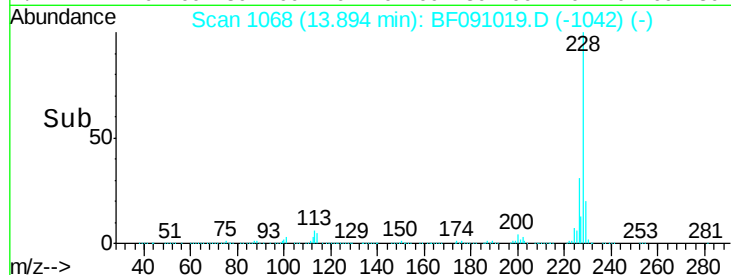
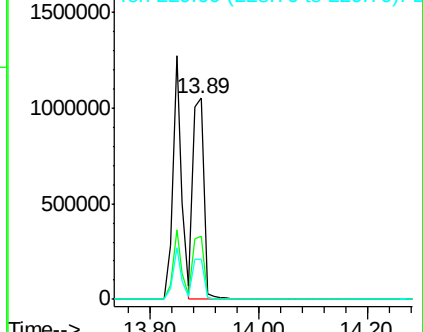
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 53.82 ng

RT: 13.85 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

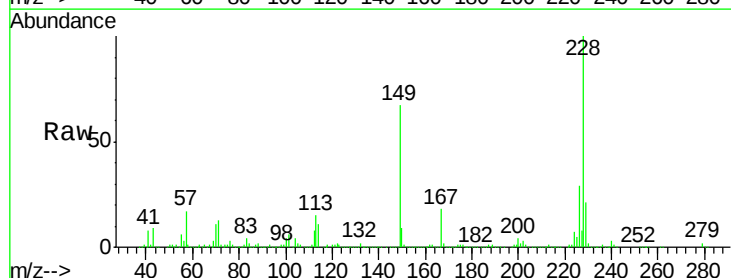
Tgt Ion:149 Resp: 1148988

Ion Ratio Lower Upper

149 100

167 26.4 20.4 30.6

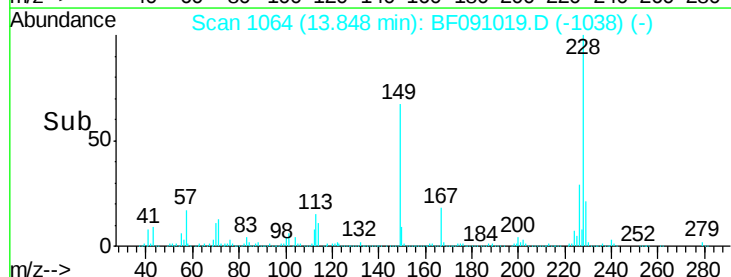
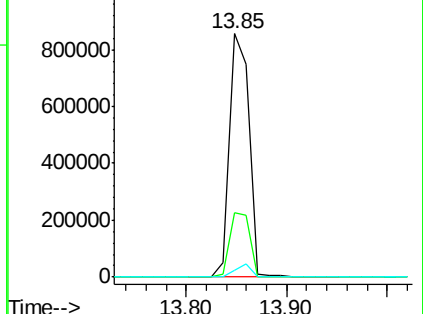
279 2.6 1.6 2.4#

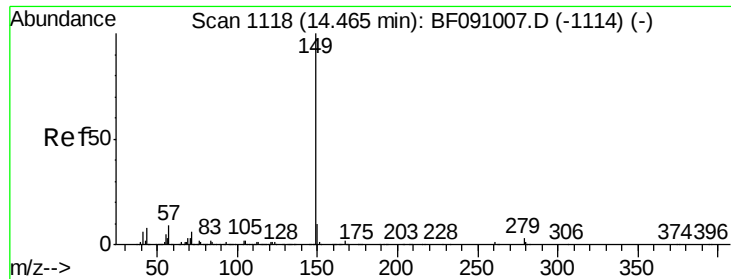


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





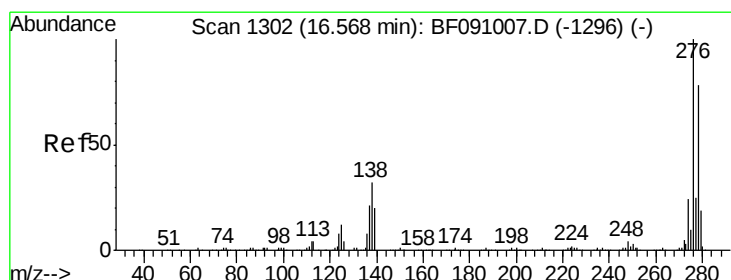
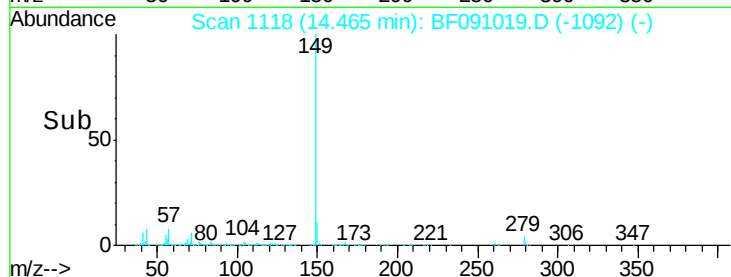
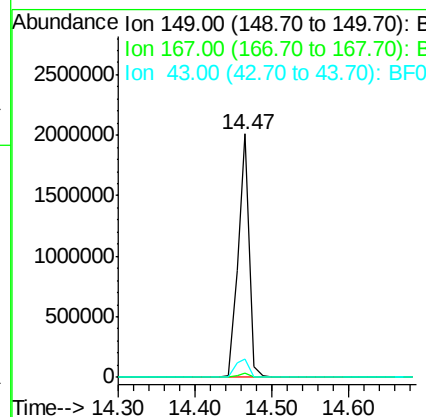
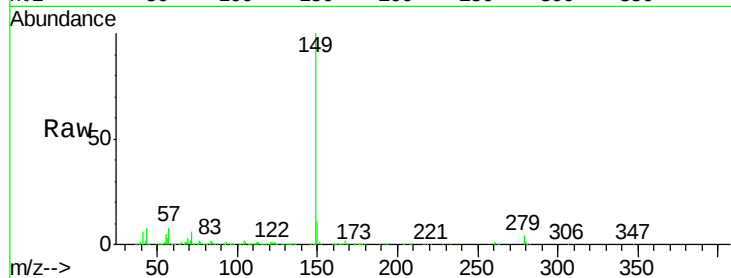
#84
Di-n-octyl phthalate
Concen: 59.03 ng
RT: 14.47 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion:149 Resp: 2072207
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 8.2 12.4

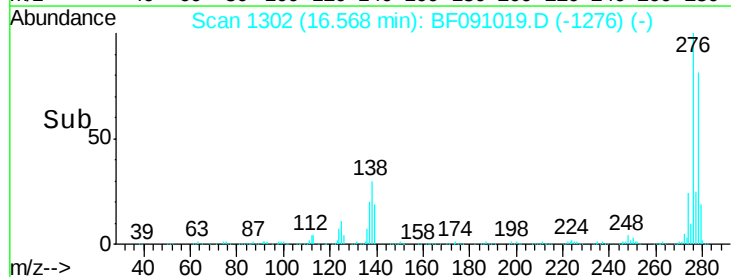
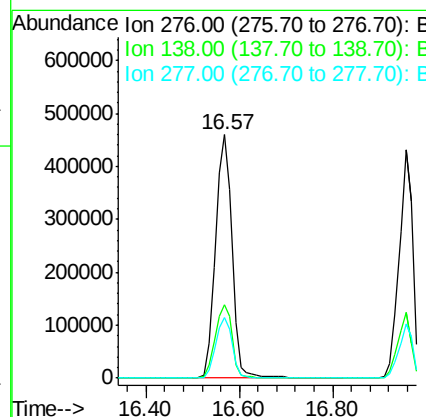
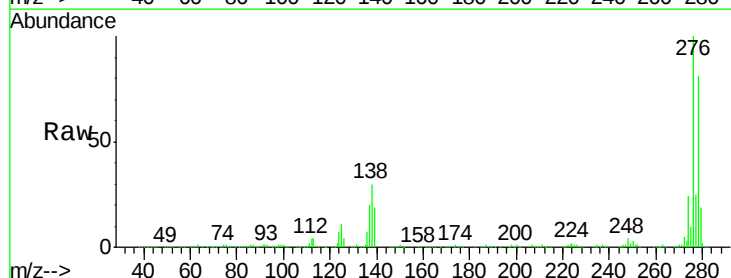
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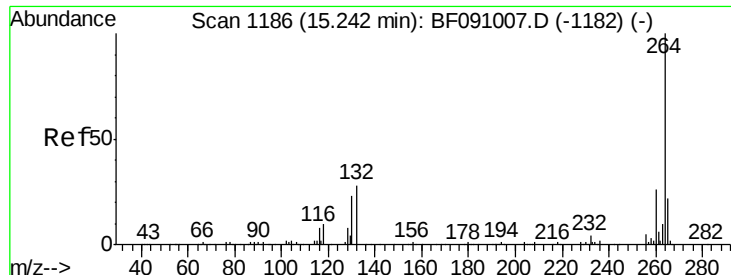
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#85
Indeno(1,2,3-cd)pyrene
Concen: 48.59 ng
RT: 16.57 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion:276 Resp: 1136668
Ion Ratio Lower Upper
276 100
138 31.4 26.0 39.0
277 25.2 20.1 30.1





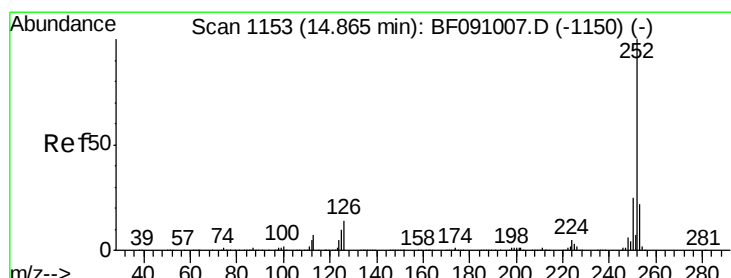
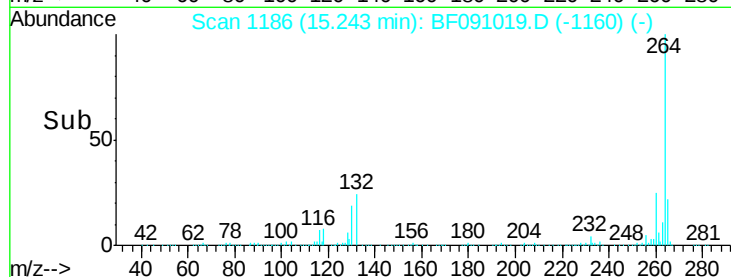
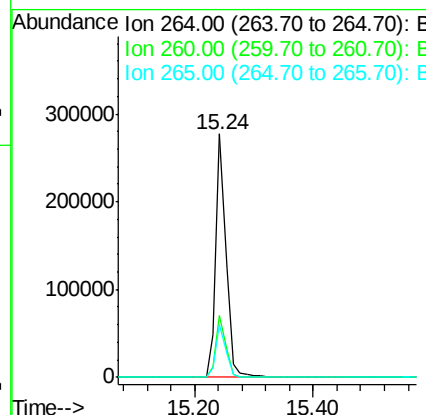
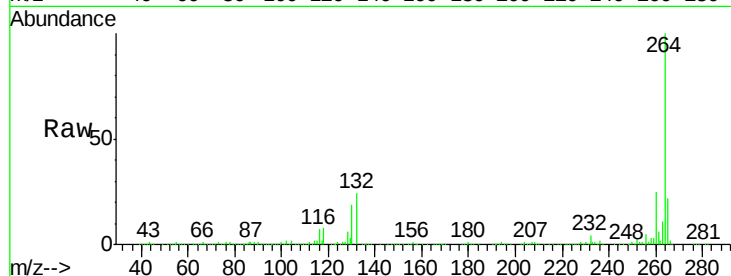
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.7	17.8	26.8

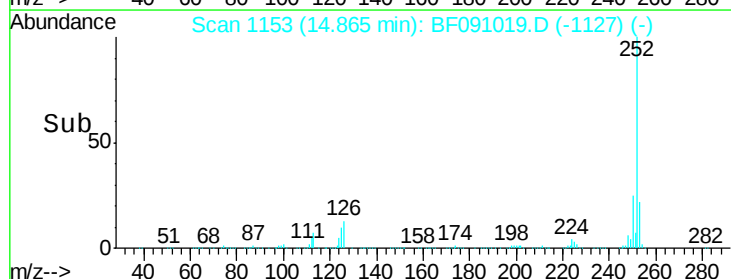
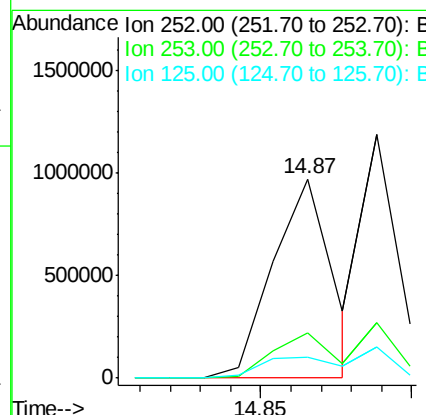
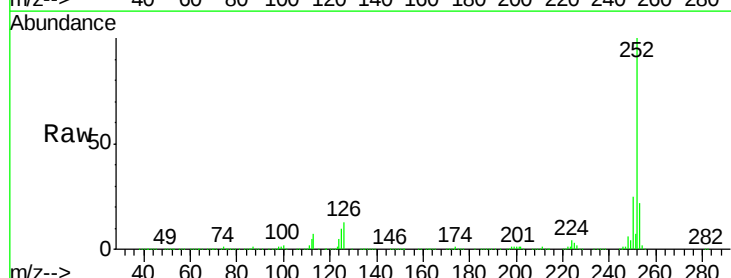
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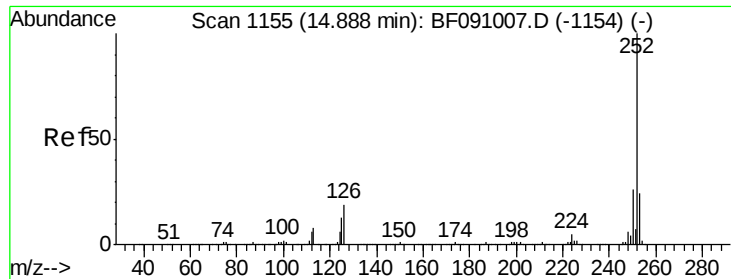
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#87
Benzo(b)fluoranthene
Concen: 58.59 ng m
RT: 14.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.4	8.3	12.5





#88

Benzo(k)fluoranthene

Concen: 52.34 ng m

RT: 14.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

Instrument :

BNA_F

ClientSampleId :

GW-96-7.5-18.0MSD

Tgt Ion:252 Resp: 1029976

Ion Ratio Lower Upper

252 100

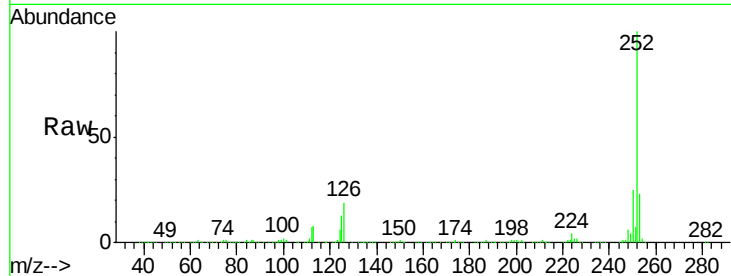
253 22.9 18.6 28.0

125 13.0 11.2 16.8

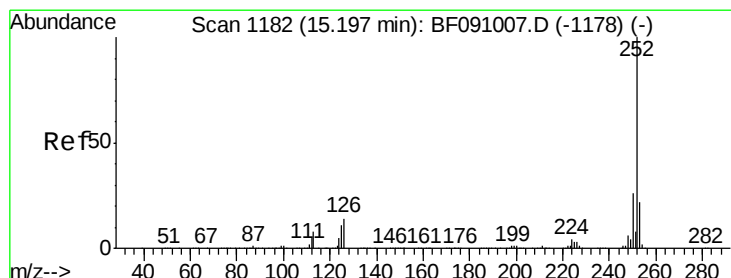
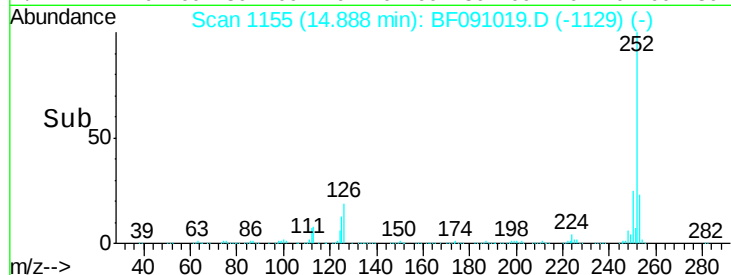
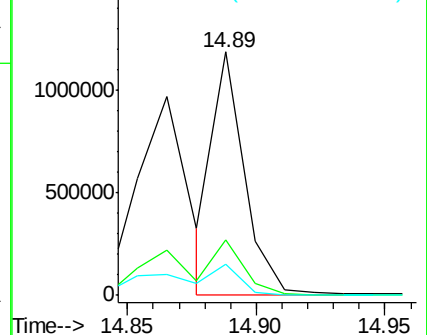
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 55.54 ng

RT: 15.20 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF091019.D

Acq: 4 Nov 2016 11:41

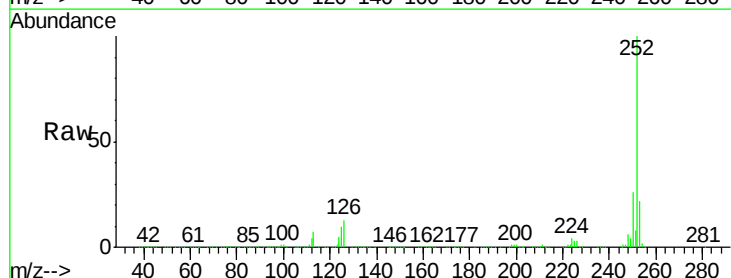
Tgt Ion:252 Resp: 1084686

Ion Ratio Lower Upper

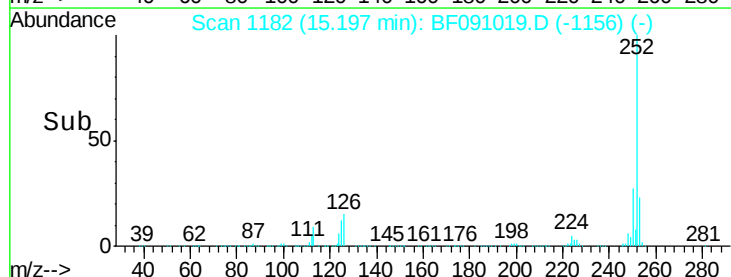
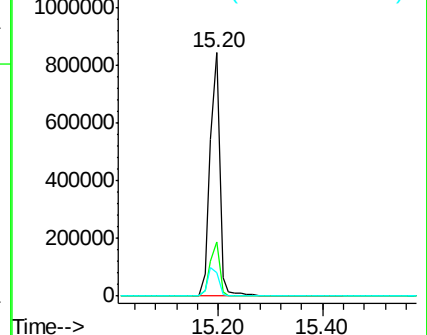
252 100

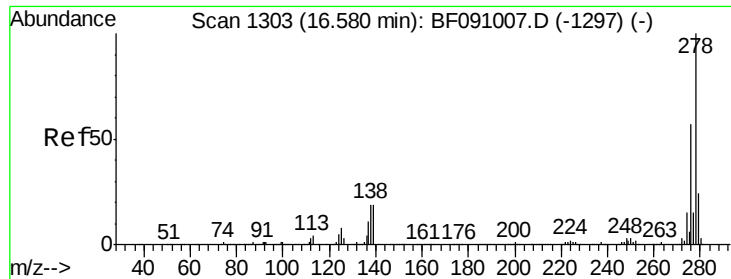
253 22.5 17.8 26.8

125 9.8 8.6 13.0



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





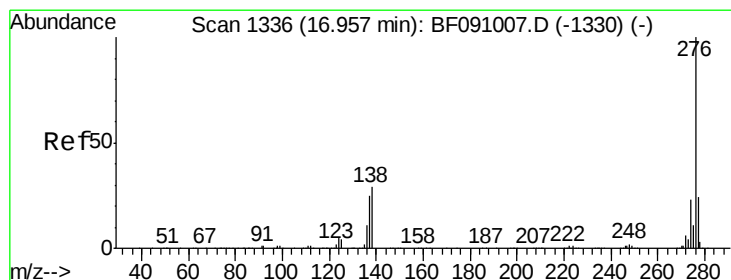
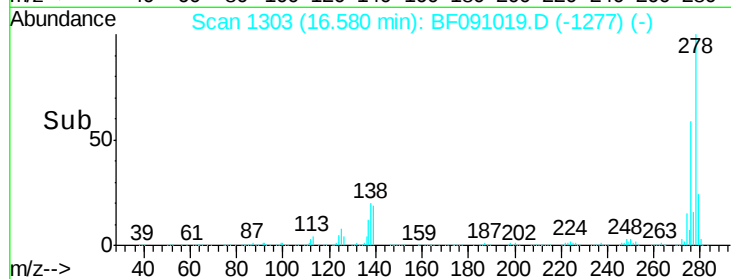
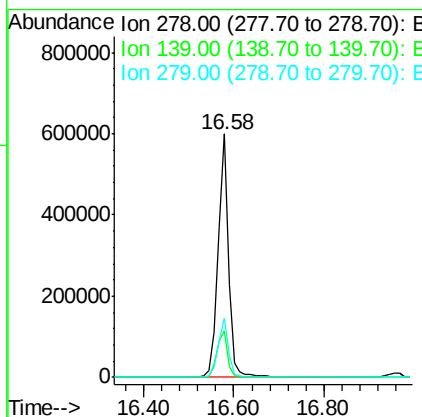
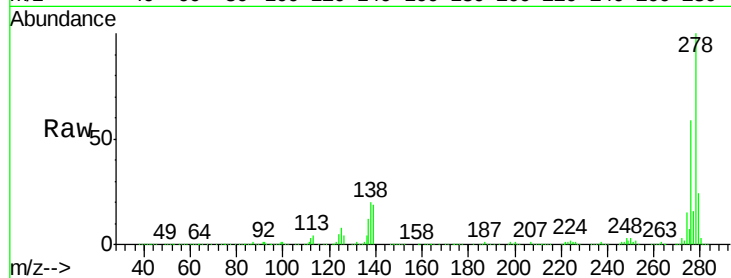
#90
Dibenzo(a,h)anthracene
Concen: 57.93 ng
RT: 16.58 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Instrument :
BNA_F
ClientSampleId :
GW-96-7.5-18.0MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.3	22.9
279	24.3	19.3	28.9

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 58.96 ng
RT: 16.96 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF091019.D
Acq: 4 Nov 2016 11:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	28.8	23.3	34.9

