

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
 Data File : BF091098.D
 Acq On : 8 Nov 2016 22:39
 Operator : UM/SJ
 Sample : H5537-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Manual Integrations
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 11/9/2016 10:56:53 AM

Quant Time: Nov 09 02:40:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	194490	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	815738	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	401233	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	578637	20.00	ng	0.01
75) Chrysene-d12	13.81	240	412019	20.00	ng	0.00
86) Perylene-d12	15.19	264	356116	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	1617372	137.34	ng	0.02
7) Phenol-d6	6.33	99	1978248	123.76	ng	0.01
23) Nitrobenzene-d5	7.24	82	1477242	98.79	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	540608	149.03	ng	0.01
44) 2-Fluorobiphenyl	9.04	172	2296235	98.53	ng	0.00
78) Terphenyl-d14	12.76	244	1569427	95.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	211006	31.32	ng	98
3) Pyridine	2.84	79	645519	40.96	ng	95
4) n-Nitrosodimethylamine	2.81	42	257973	41.38	ng	95
6) Aniline	6.33	93	487821	25.87	ng	# 82
8) 2-Chlorophenol	6.45	128	616208	43.87	ng	91
9) Benzaldehyde	6.21	77	70829	7.98	ng	88
10) Phenol	6.34	94	782024	44.21	ng	# 69
11) bis(2-Chloroethyl)ether	6.41	93	555836	37.29	ng	95
12) 1,3-Dichlorobenzene	6.60	146	615156	43.30	ng	97
13) 1,4-Dichlorobenzene	6.68	146	647293	42.46	ng	98
14) 1,2-Dichlorobenzene	6.83	146	566453	40.49	ng	96
15) Benzyl Alcohol	6.82	79	443224	39.31	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	814978	38.18	ng	88
17) 2-Methylphenol	6.94	107	498187	44.80	ng	96
18) Hexachloroethane	7.17	117	247910	42.02	ng	95
19) n-Nitroso-di-n-propylamine	7.09	70	453462	40.94	ng	98
20) 3+4-Methylphenols	7.10	107	660665	49.48	ng	96
22) Acetophenone	7.08	105	865792	46.10	ng	# 96
24) Nitrobenzene	7.25	77	637125	38.58	ng	92
25) Isophorone	7.49	82	1259697	43.72	ng	97
26) 2-Nitrophenol	7.57	139	339703	48.61	ng	# 80
27) 2,4-Dimethylphenol	7.63	122	556000	48.10	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	722049	45.87	ng	99
29) 2,4-Dichlorophenol	7.82	162	478700	47.45	ng	94
30) 1,2,4-Trichlorobenzene	7.89	180	496800	43.80	ng	97
31) Naphthalene	7.97	128	1665635	42.70	ng	99
32) Benzoic acid	7.74	122	95085	14.50	ng	98
33) 4-Chloroaniline	8.03	127	250699	15.45	ng	# 92
34) Hexachlorobutadiene	8.10	225	268134	43.80	ng	97
35) Caprolactam	8.41	113	151423m	47.78	ng	
36) 4-Chloro-3-methylphenol	8.53	107	505356	41.38	ng	89
37) 2-Methylnaphthalene	8.67	142	1065359	42.48	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	466933	45.64	ng	99
40) Hexachlorocyclopentadiene	8.82	237	273051	69.78	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	315863	47.83	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	350202	50.51	nq	98
45) 1,1'-Biphenyl	9.13	154	1209595	41.29	nq	99
46) 2-Chloronaphthalene	9.15	162	975519	43.86	nq	98
47) 2-Nitroaniline	9.25	65	340839	41.29	nq	87
48) Acenaphthylene	9.56	152	1377436	39.74	nq	99
49) Dimethylphthalate	9.44	163	1573285	59.80	nq	100
50) 2,6-Dinitrotoluene	9.50	165	291801	51.75	nq	# 67
51) Acenaphthene	9.73	154	876257	40.26	nq	99
52) 3-Nitroaniline	9.66	138	183167	27.39	nq	88
53) 2,4-Dinitrophenol	9.78	184	143929	49.46	nq	# 72
54) Dibenzofuran	9.90	168	1223611	41.77	nq	99
55) 4-Nitrophenol	9.86	139	331461	74.84	nq	# 79
56) 2,4-Dinitrotoluene	9.90	165	312161	43.51	nq	# 77
57) Fluorene	10.25	166	964391	40.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	226654m	41.73	nq	
59) Diethylphthalate	10.13	149	1112007	41.22	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	502945	46.15	nq	98
61) 4-Nitroaniline	10.28	138	242003	35.78	nq	91
62) Azobenzene	10.41	77	1385221	43.62	nq	99
64) 4,6-Dinitro-2-methylphenol	10.32	198	146909	41.46	nq	# 64
65) n-Nitrosodiphenylamine	10.36	169	906012	49.26	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	279963	46.52	nq	95
67) Hexachlorobenzene	10.80	284	331575	49.95	nq	98
68) Atrazine	10.90	200	243179	45.83	nq	96
69) Pentachlorophenol	11.00	266	269274	91.59	nq	98
70) Phenanthrene	11.21	178	1649714	53.63	nq	99
71) Anthracene	11.25	178	1391229	42.54	nq	99
72) Carbazole	11.41	167	1180348	40.05	nq	99
73) Di-n-butylphthalate	11.76	149	1819430	49.09	nq	99
74) Fluoranthene	12.39	202	1391150	43.61	nq	98
76) Benzidine	12.52	184	354609	38.52	nq	97
77) Pyrene	12.61	202	1439534	53.35	nq	100
79) Butylbenzylphthalate	13.24	149	640515	49.63	nq	92
80) Benzo(a)anthracene	13.80	228	1108042	47.37	nq	100
81) 3,3'-Dichlorobenzidine	13.77	252	251914	30.65	nq	# 97
82) Chrysene	13.84	228	1060522	45.98	nq	97
83) Bis(2-ethylhexyl)phthalate	13.80	149	795925	45.57	nq	# 98
84) Di-n-octyl phthalate	14.42	149	1352517	47.10	nq	97
85) Indeno(1,2,3-cd)pyrene	16.48	276	991474	51.80	nq	98
87) Benzo(b)fluoranthene	14.81	252	1125988m	46.62	nq	
88) Benzo(k)fluoranthene	14.83	252	941069m	44.42	nq	
89) Benzo(a)pyrene	15.13	252	1000751	47.59	nq	# 95
90) Dibenzo(a,h)anthracene	16.49	278	822091	45.23	nq	99
91) Benzo(g,h,i)perylene	16.87	276	771888	46.96	nq	95

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

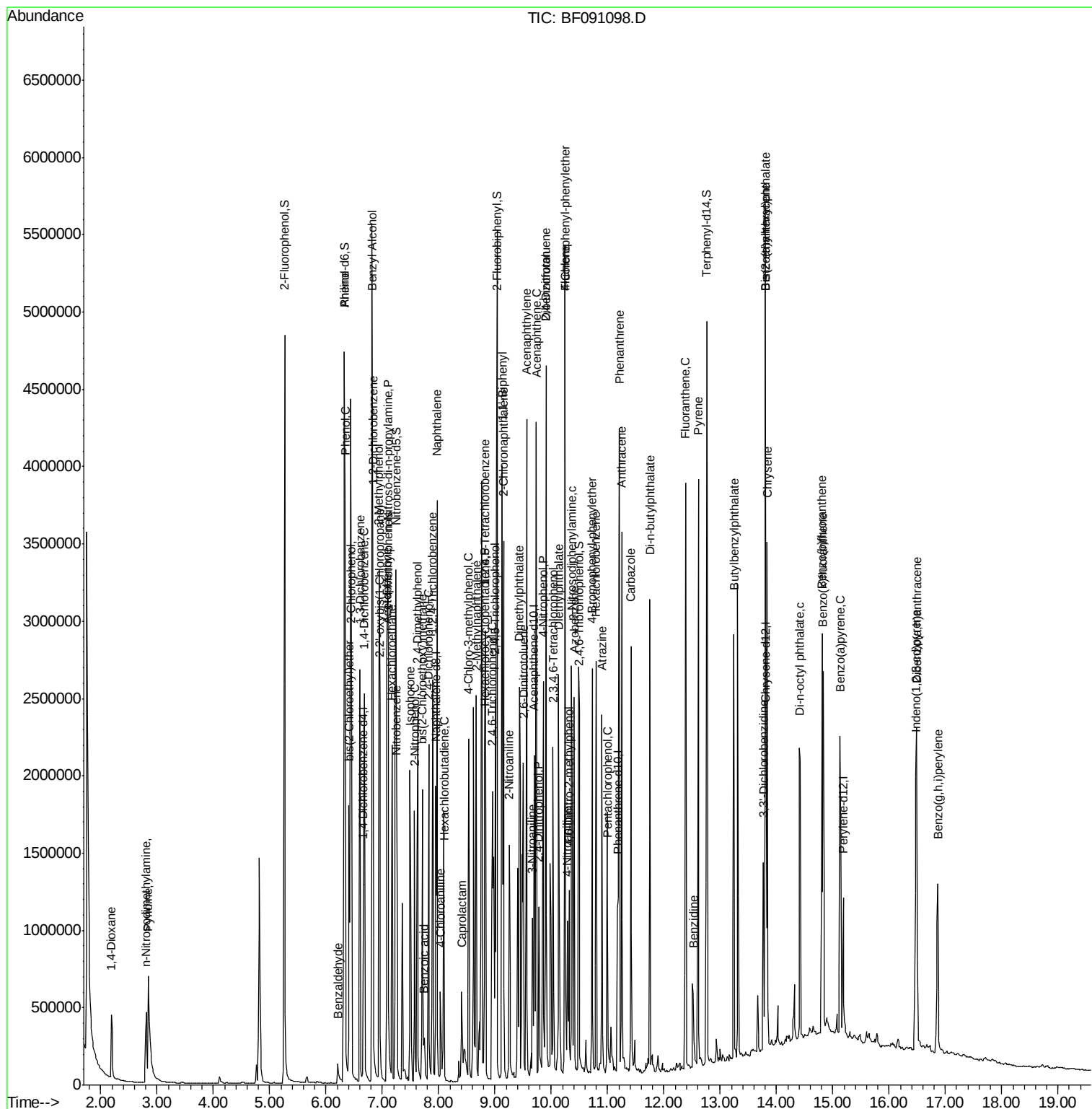
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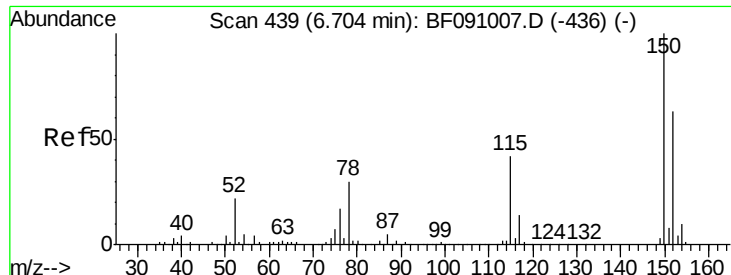
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

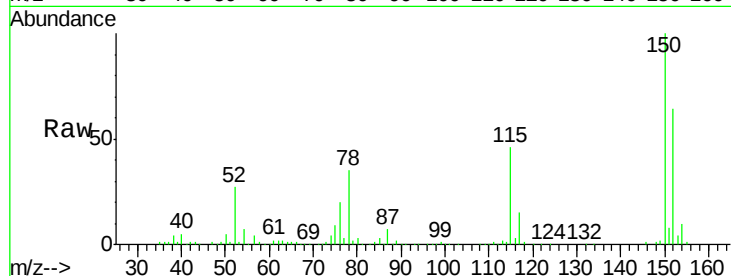
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V001-BF014-01MS

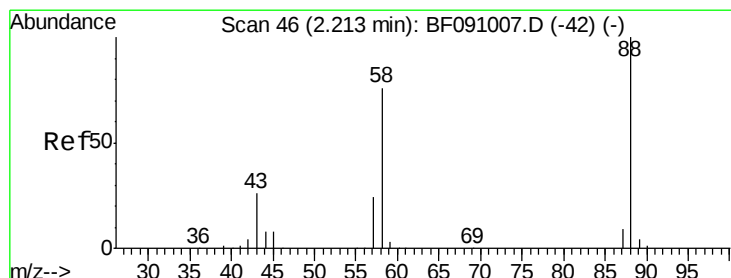
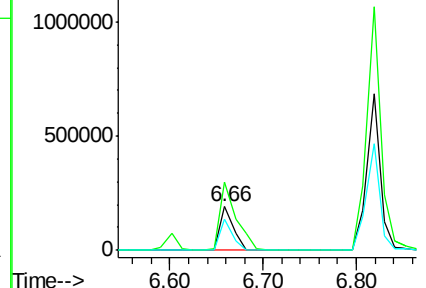
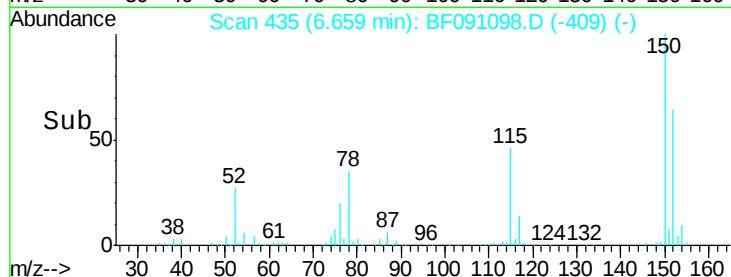
Tot Ion:	152	Resp:	194490
Ion Ratio	Lower	Upper	
152	100		
150	157.3	126.8	190.2
115	71.6	53.3	79.9

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.32 ng

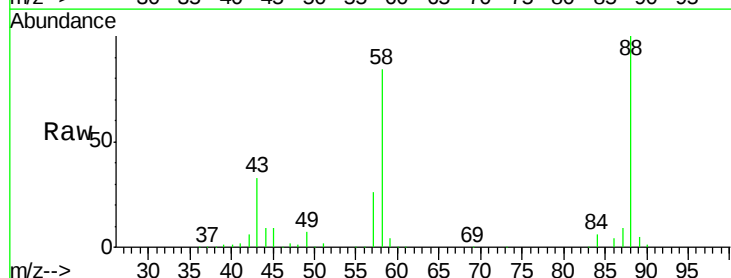
RT: 2.19 min Scan# 44

Delta R.T. 0.05 min

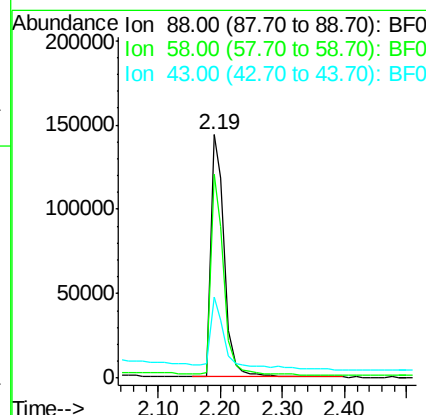
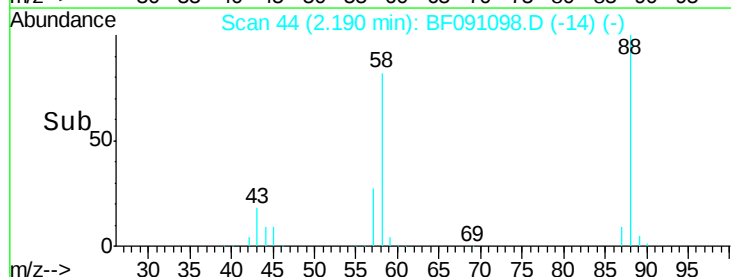
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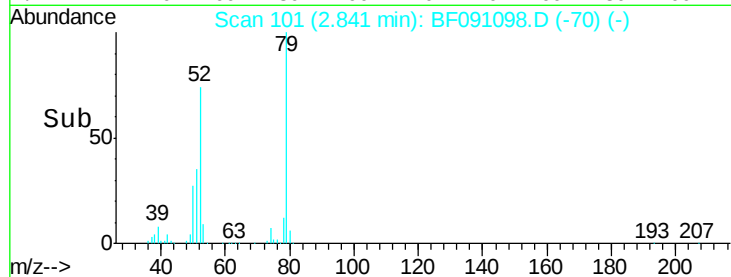
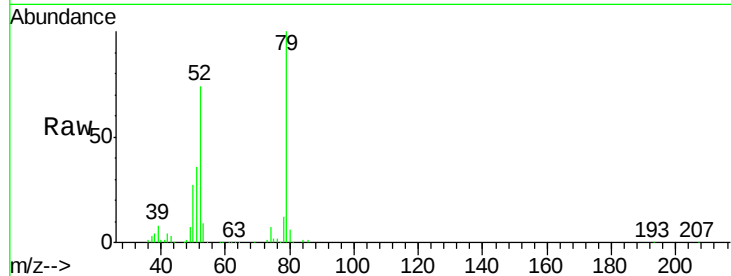
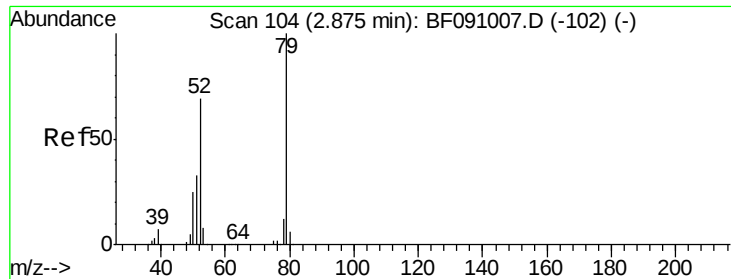
Acq: 8 Nov 2016 22:39

Tgt Ion:	88	Resp:	211006
Ion Ratio	Lower	Upper	
88	100		
58	80.3	63.8	95.6
43	31.1	22.6	33.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





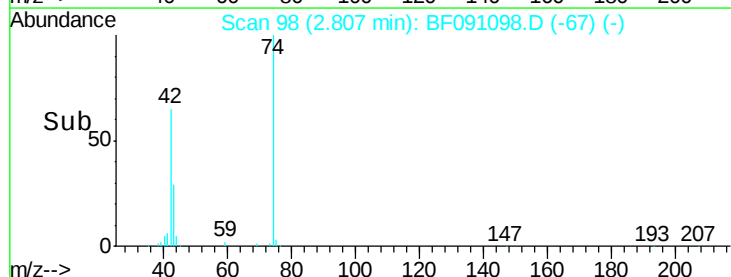
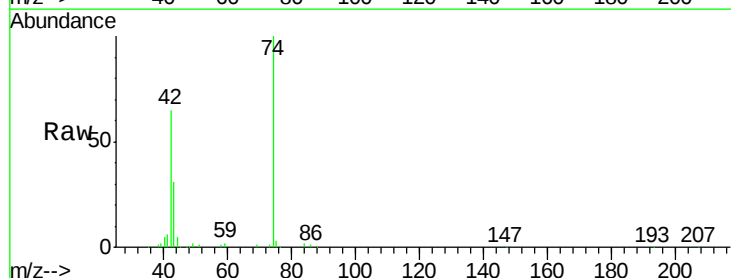
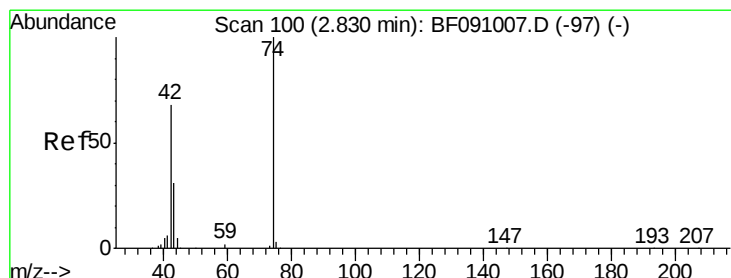
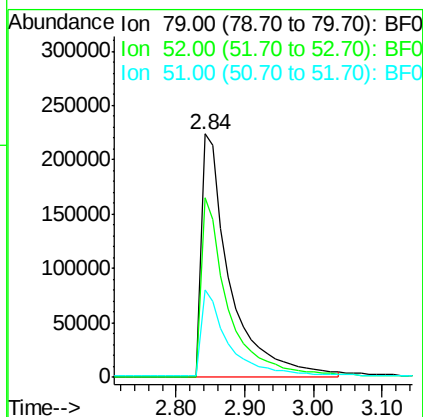
#3
 Pvridine
 Concen: 40.96 ng
 RT: 2.84 min Scan# 101
 Delta R.T. 0.06 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	645519		
52	52	73.8		55.4	83.0
51	51	36.2		27.4	41.0

Instrument :
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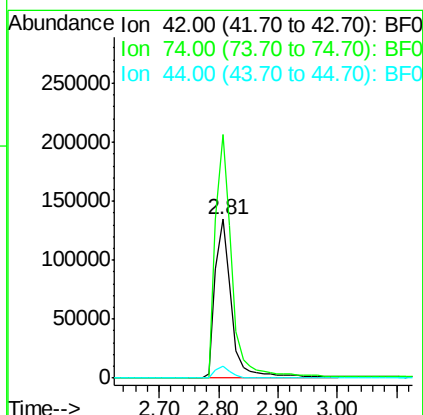
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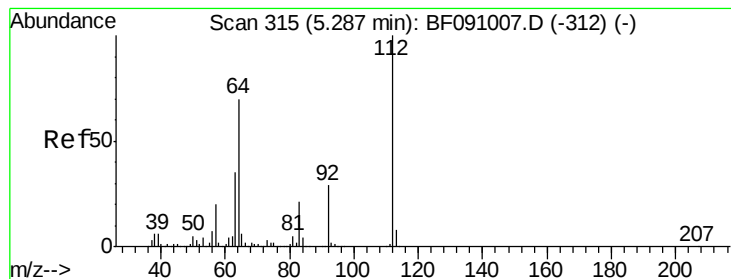
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#4
 n-Nitrosodimethylamine
 Concen: 41.38 ng
 RT: 2.81 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	257973		
74	74	153.3		117.3	175.9
44	44	7.2		5.8	8.8





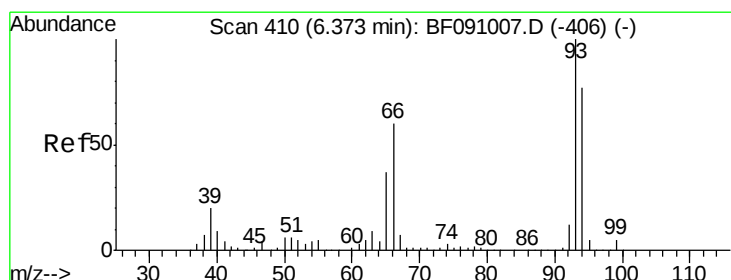
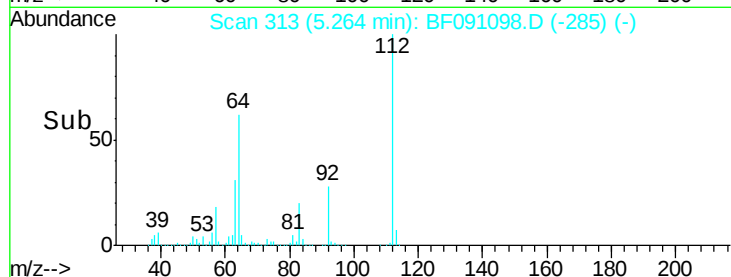
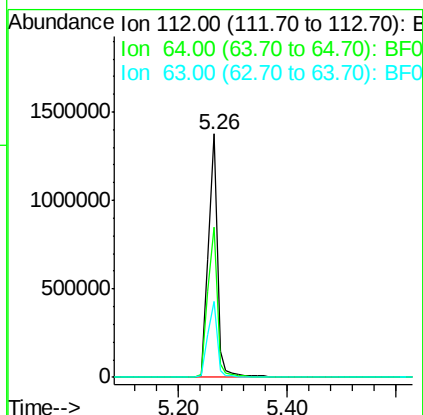
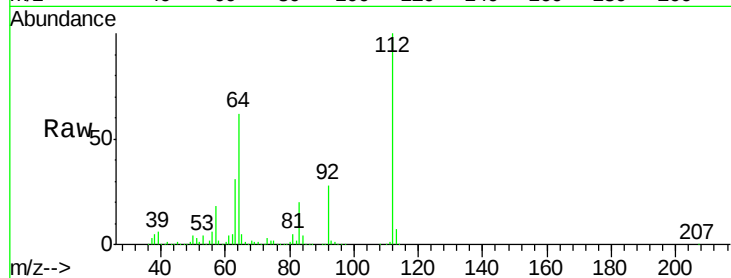
#5
2-Fluorophenol
Concen: 137.34 ng
RT: 5.26 min Scan# 313
Delta R.T. 0.02 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	61.8	55.8	83.6
63	31.3	28.0	42.0

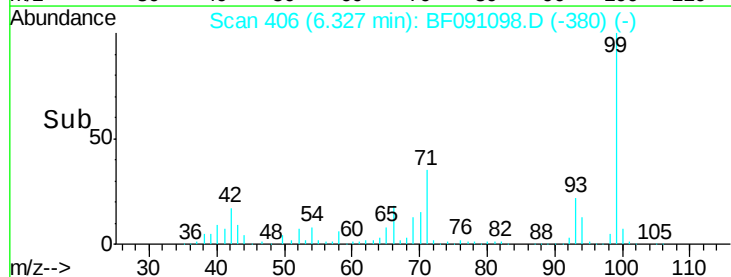
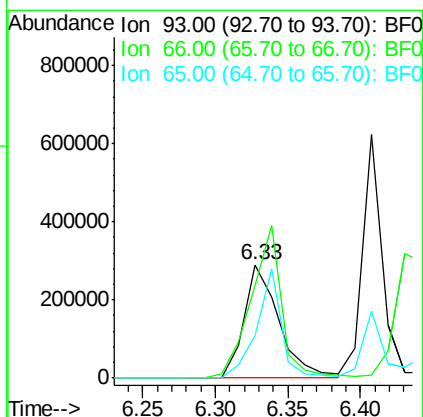
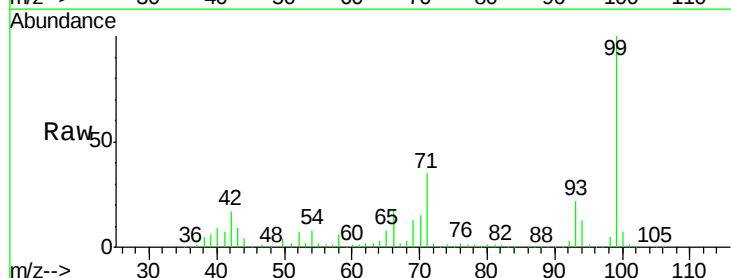
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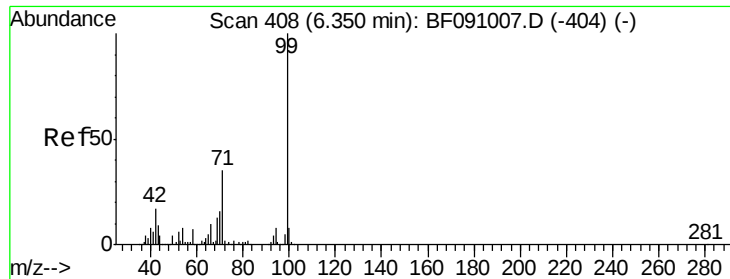
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#6
Aniline
Concen: 25.87 ng
RT: 6.33 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	81.0	48.2	72.2#
65	37.8	29.4	44.0





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.33 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion: 99 Resp: 1978248

Ion Ratio Lower Upper

99 100

42 17.4 13.9 20.9

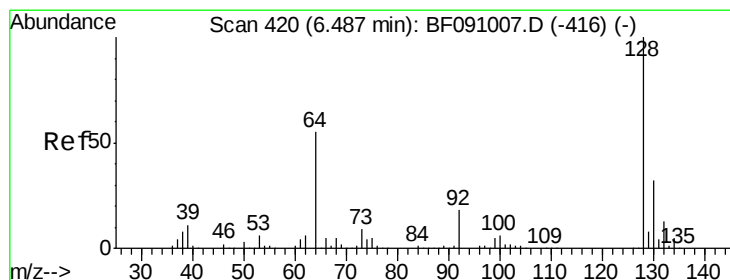
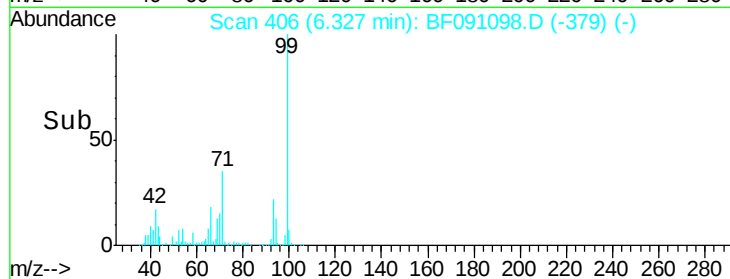
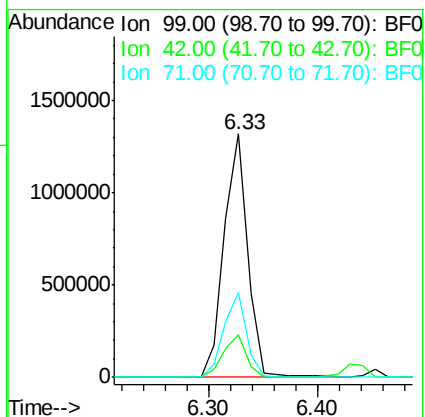
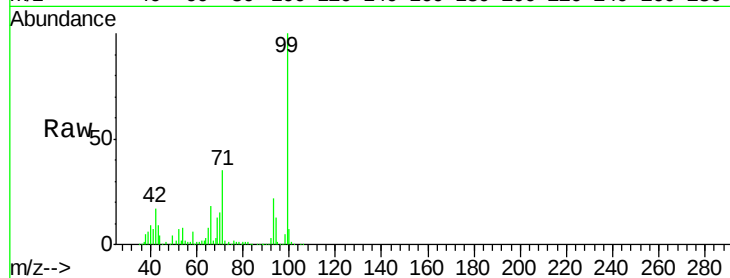
71 34.7 27.8 41.8

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#8

2-Chlorophenol

Concen: 43.87 ng

RT: 6.45 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

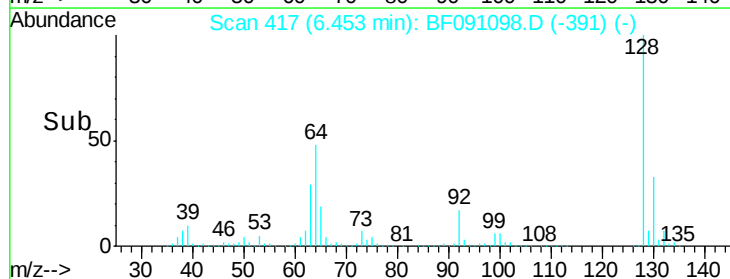
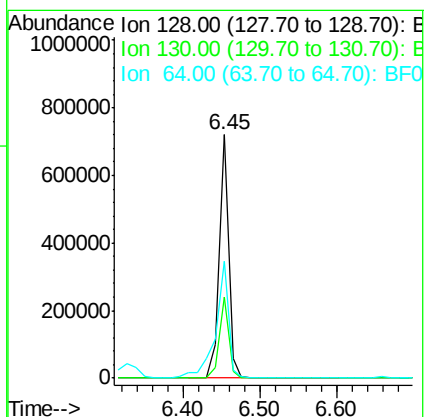
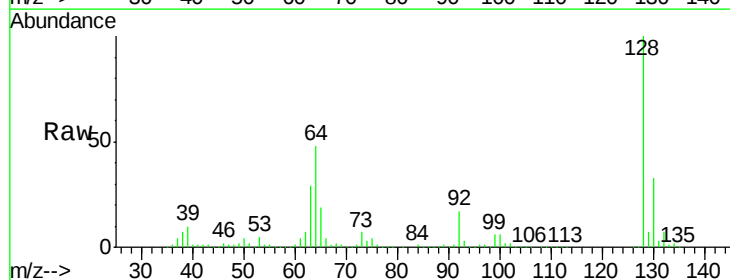
Tgt Ion: 128 Resp: 616208

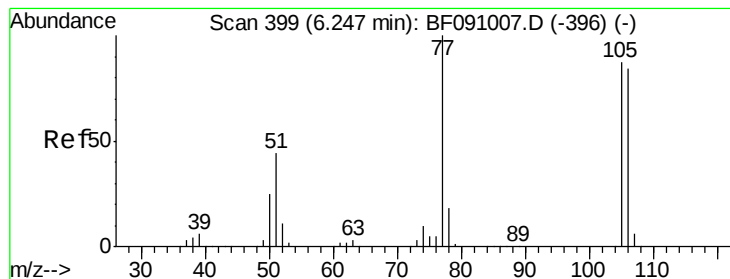
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 48.2 37.2 77.2





#9

Benzaldehyde

Concen: 7.98 ng

RT: 6.21 min Scan# 396

Delta R.T. 0.01 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

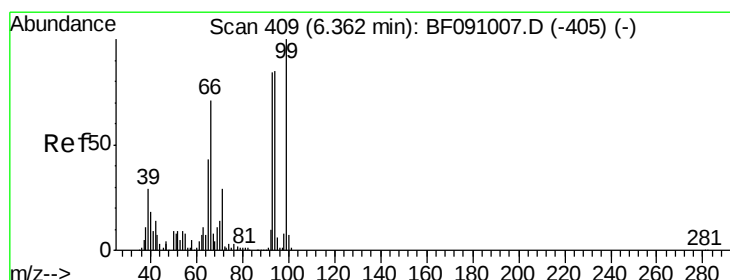
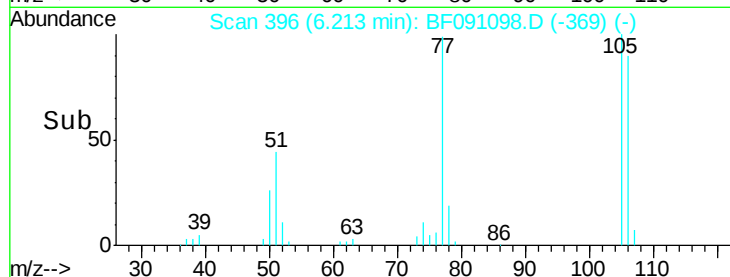
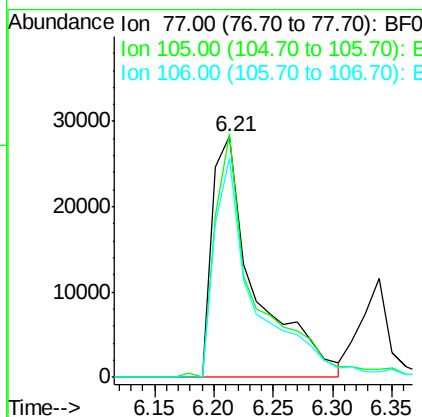
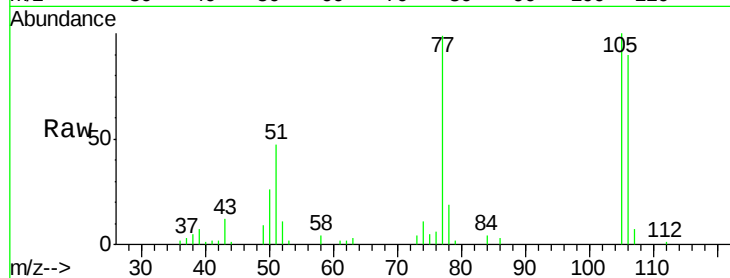
ClientSampleId :

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Tot Ion:	77	Resp:	70829
Ion	Ratio	Lower	Upper
77	100		
105	101.0	66.8	106.8
106	91.2	64.0	104.0

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#10

Phenol

Concen: 44.21 ng

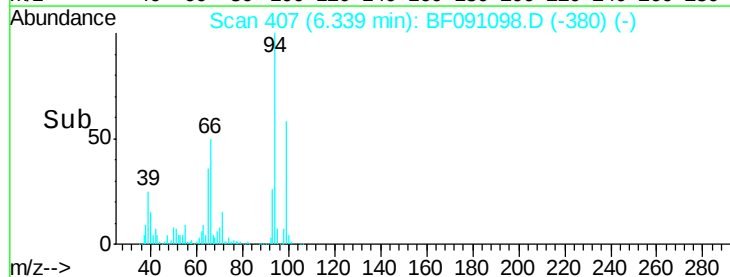
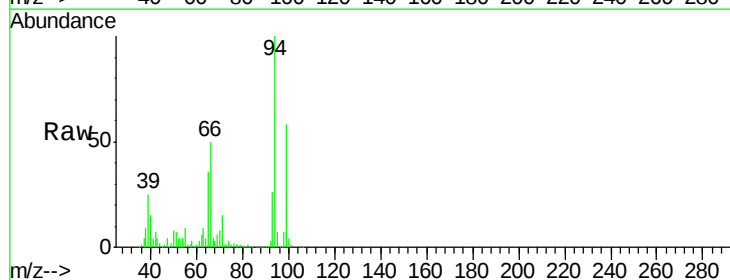
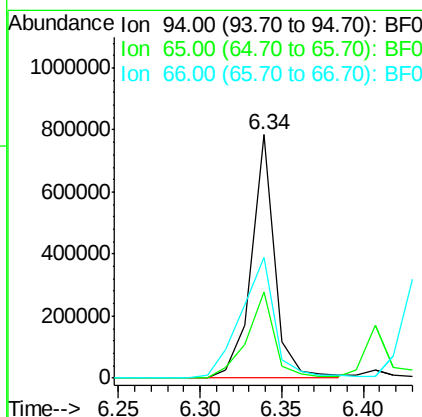
RT: 6.34 min Scan# 407

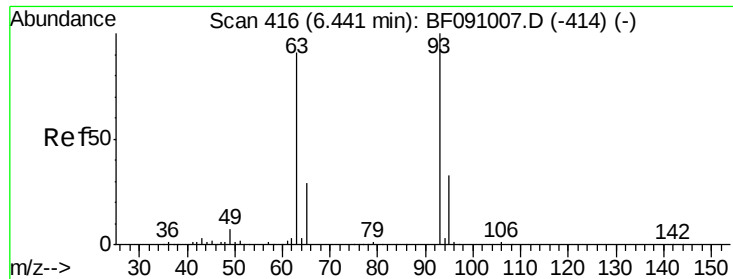
Delta R.T. 0.01 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:	94	Resp:	782024
Ion	Ratio	Lower	Upper
94	100		
65	35.6	30.4	70.4
66	49.8	62.9	102.9#





#11

bis(2-Chloroethyl)ether

Concen: 37.29 ng

RT: 6.41 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

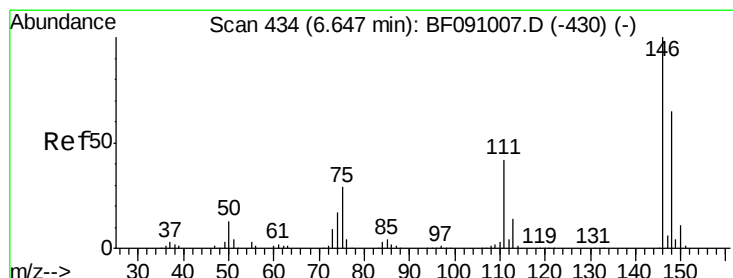
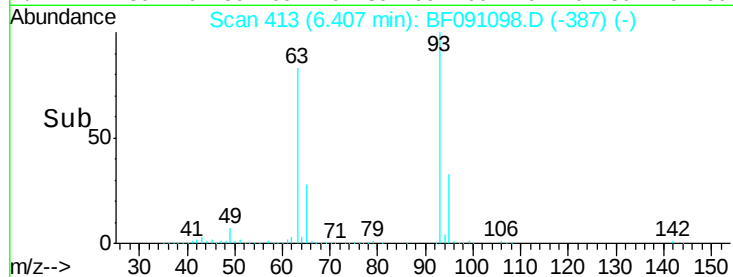
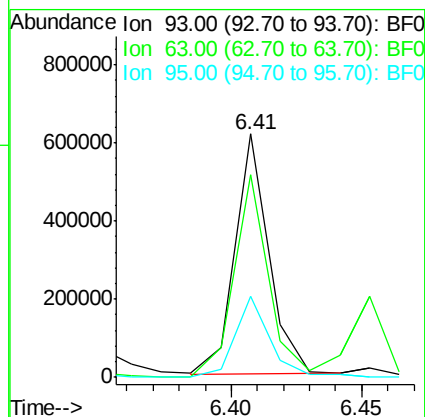
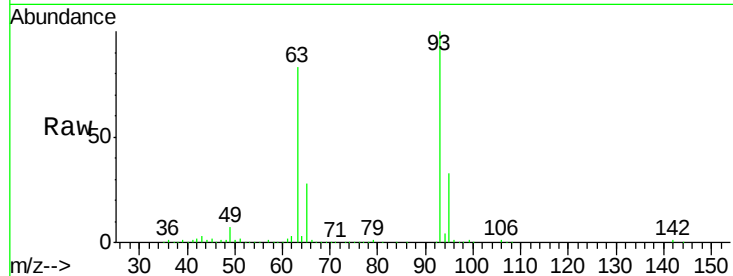
ClientSampleId :

V001-BF014-01MS

Tot Ion:	93	Resp:	555836
Ion Ratio	Lower	Upper	
93	100		
63	83.3	68.9	108.9
95	33.1	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 43.30 ng

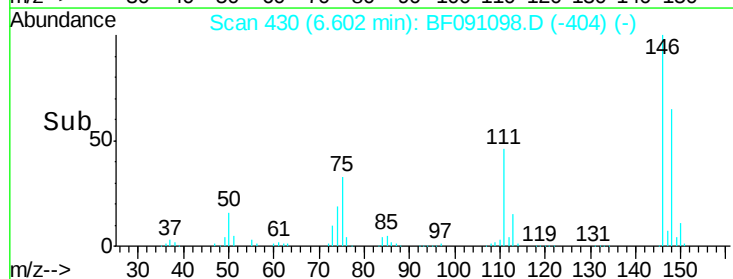
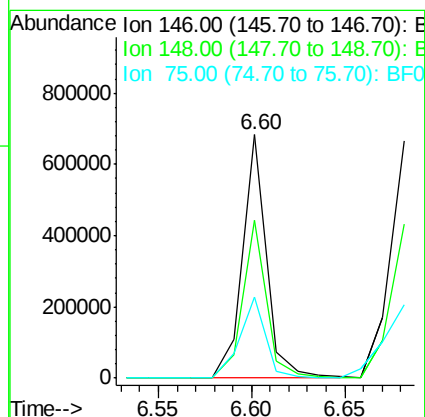
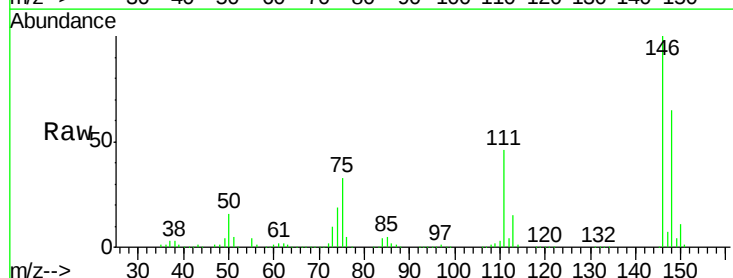
RT: 6.60 min Scan# 430

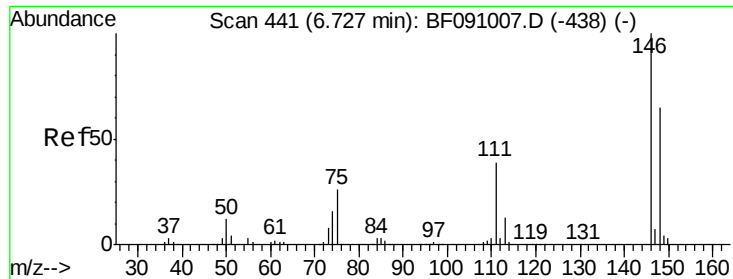
Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:	146	Resp:	615156
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.0	78.0
75	33.3	23.0	34.6





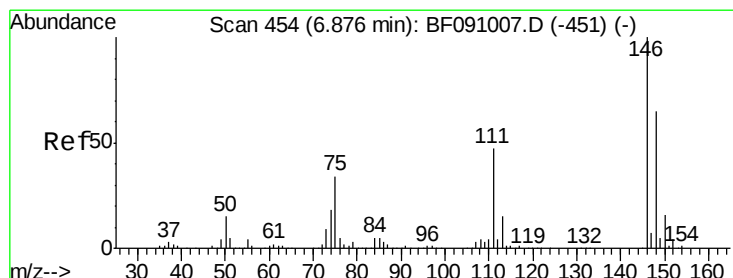
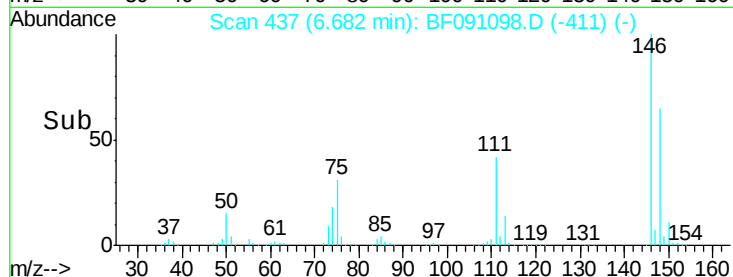
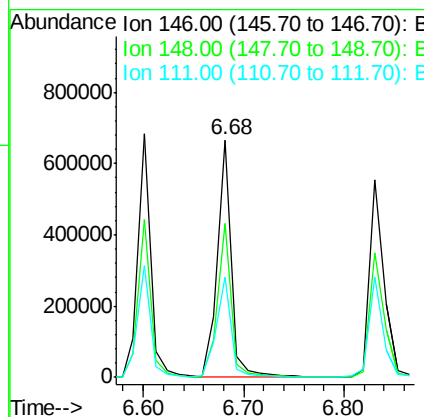
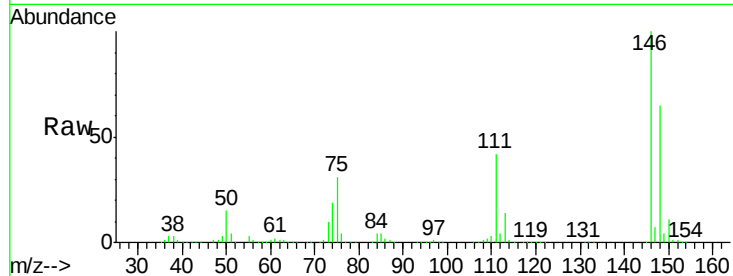
#13
 1,4-Dichlorobenzene
 Concen: 42.46 ng
 RT: 6.68 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
111	42.3	31.6	47.4

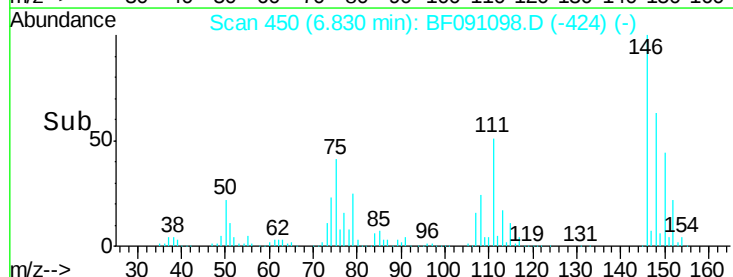
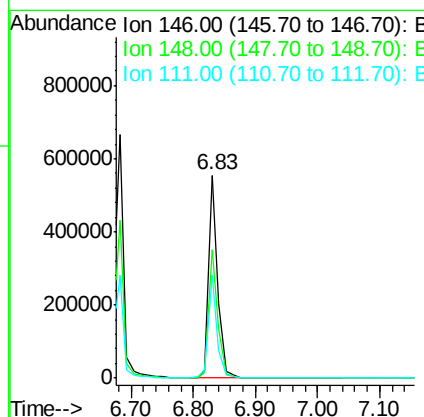
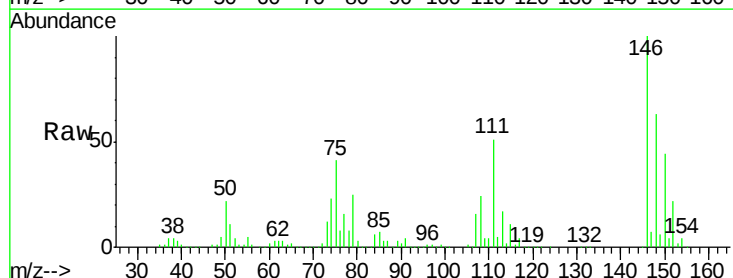
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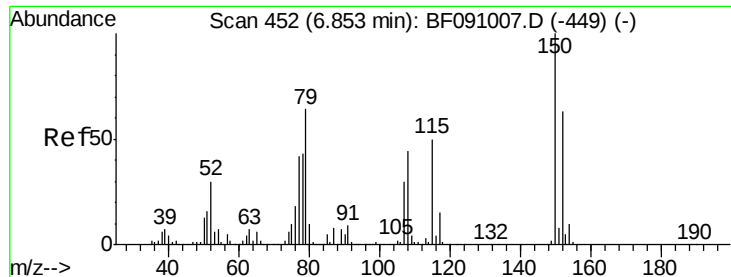
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#14
 1,2-Dichlorobenzene
 Concen: 40.49 ng
 RT: 6.83 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	50.8	37.3	55.9





#15

Benzyl Alcohol

Concen: 39.31 ng

RT: 6.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

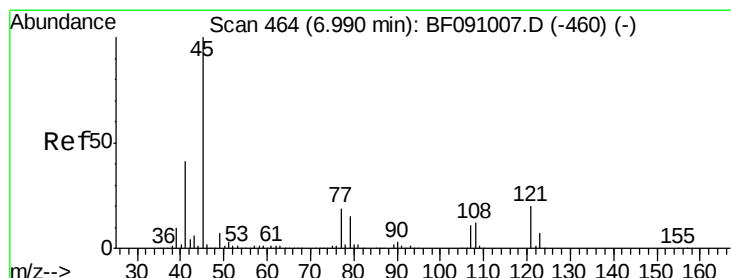
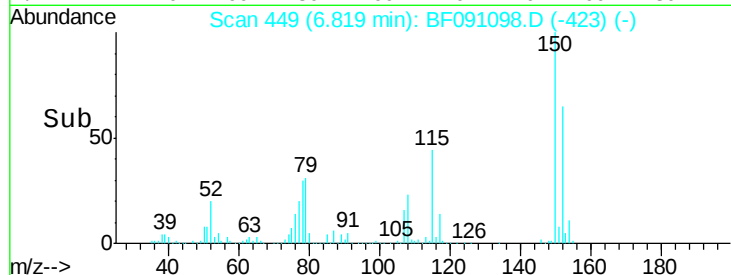
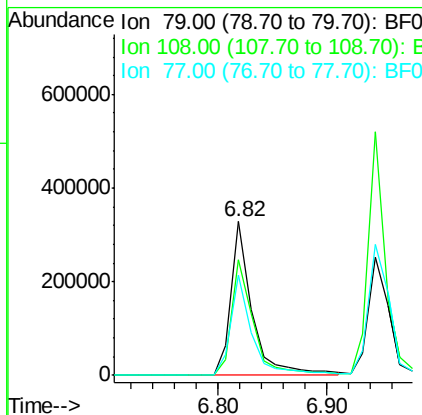
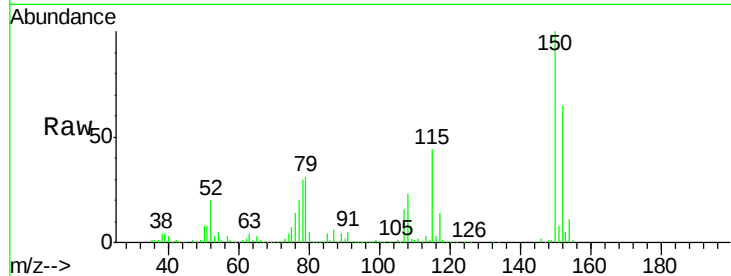
ClientSampleId :

V001-BF014-01MS

Tot Ion:	79	Resp:	443224
Ion	Ratio	Lower	Upper
79	100		
108	74.9	55.7	83.5
77	65.6	52.6	79.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

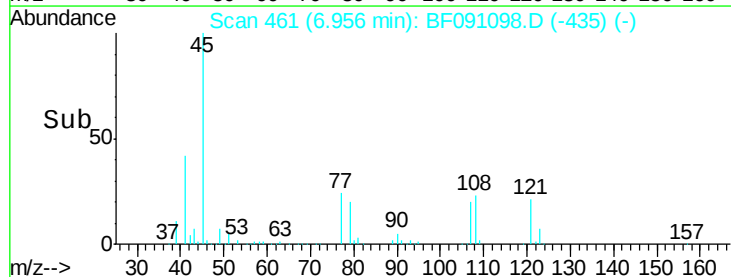
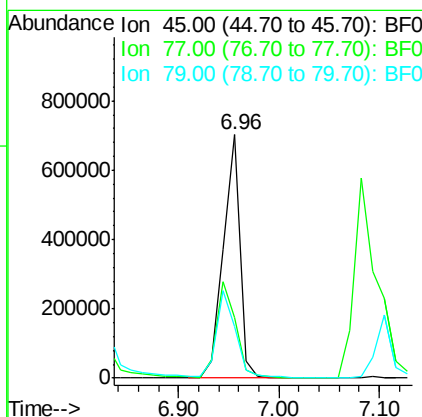
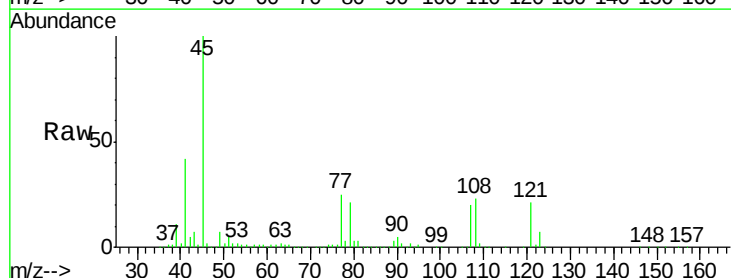
RT: 6.96 min Scan# 461

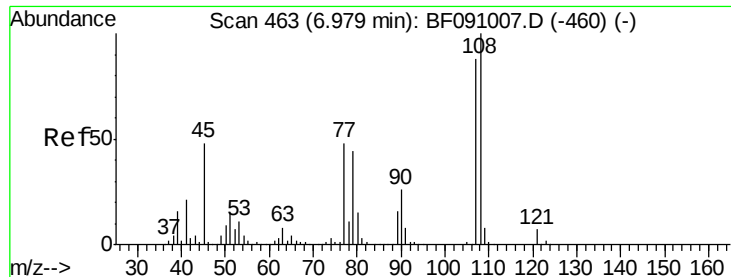
Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:	45	Resp:	814978
Ion	Ratio	Lower	Upper
45	100		
77	24.9	0.0	39.6
79	21.3	0.0	35.9





#17

2-Methylphenol

Concen: 44.80 ng

RT: 6.94 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

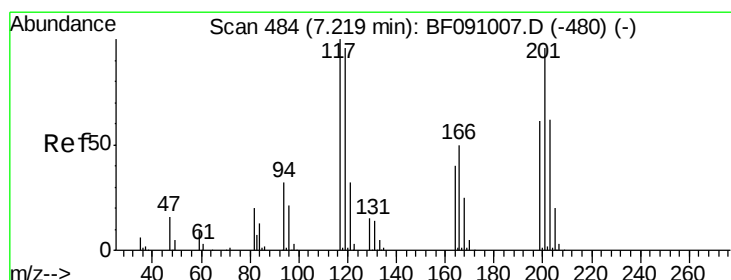
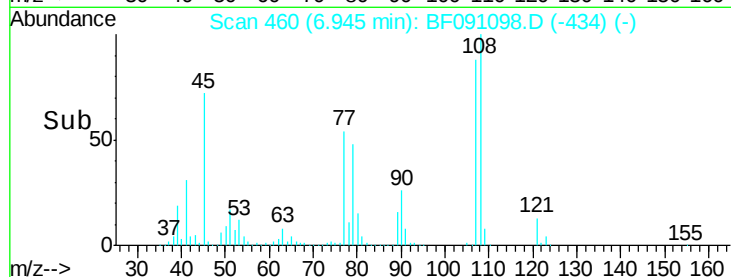
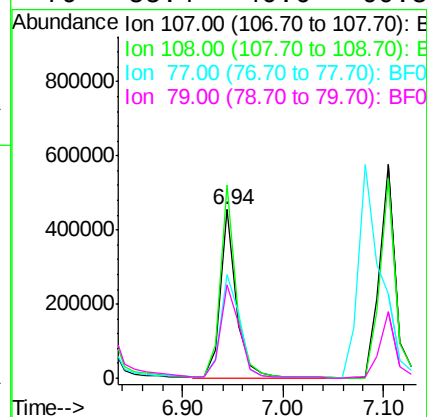
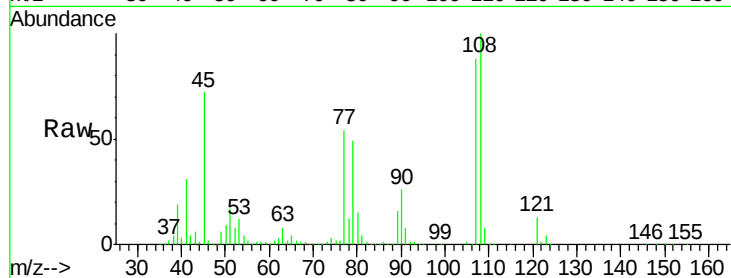
ClientSampleId :

V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	91.0	136.6	
77	61.4	43.8	65.8	
79	55.4	40.6	60.8	

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#18

Hexachloroethane

Concen: 42.02 ng

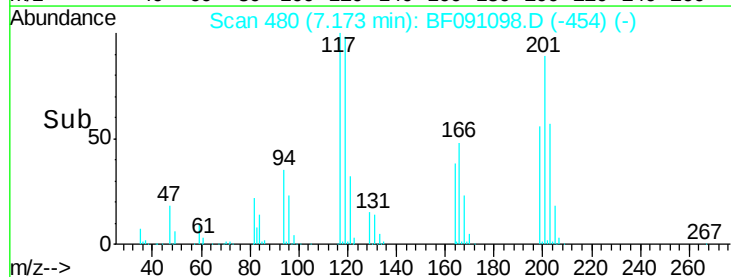
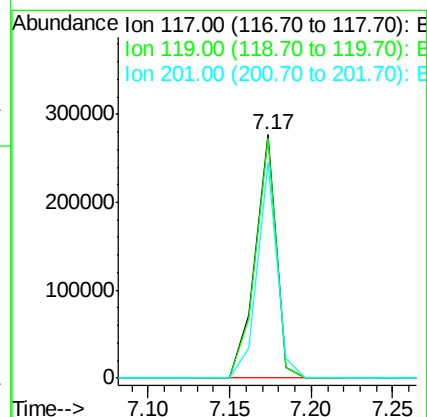
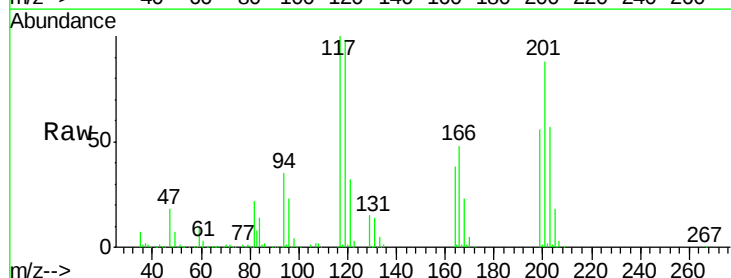
RT: 7.17 min Scan# 480

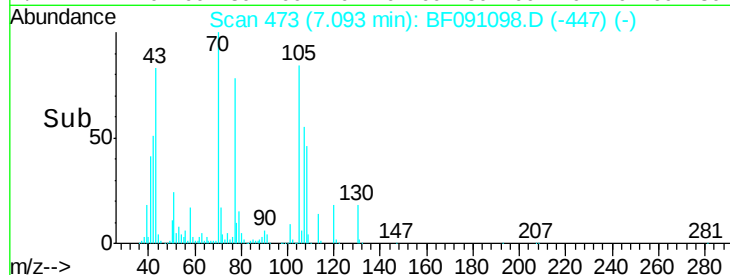
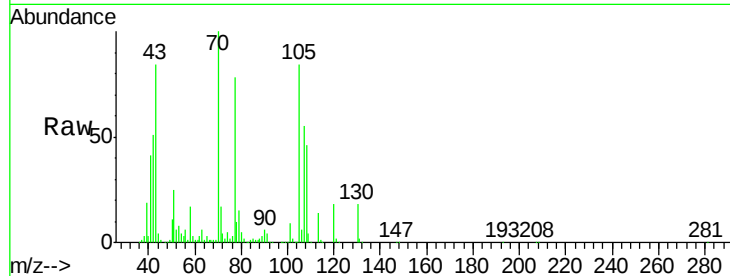
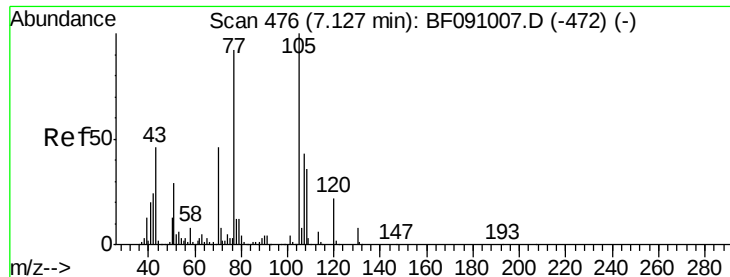
Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.2	76.6	115.0	
201	88.5	77.1	115.7	





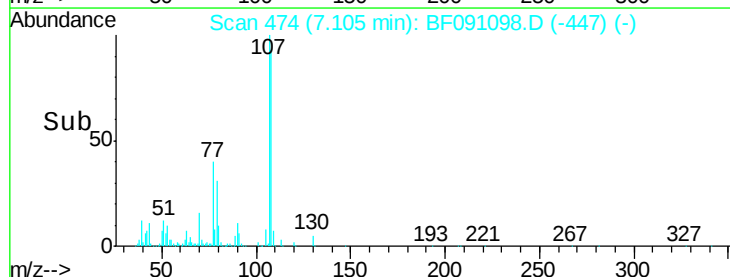
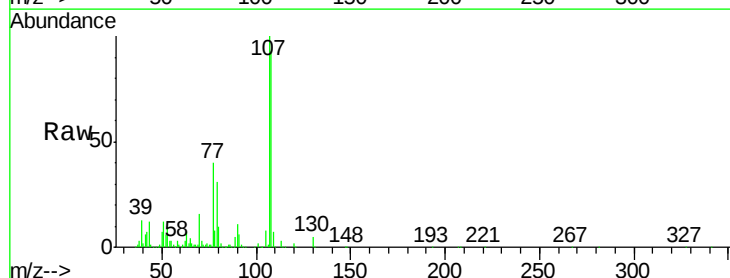
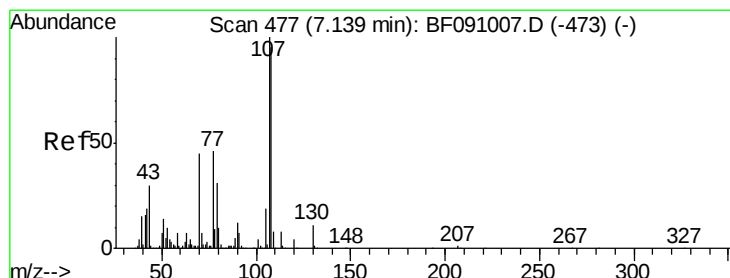
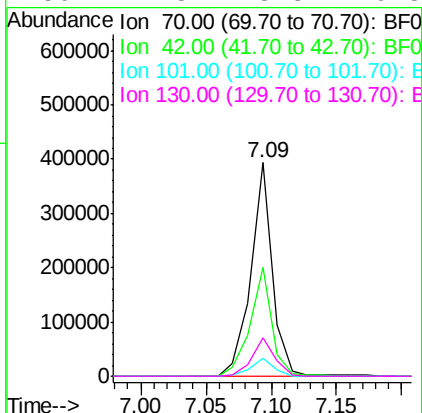
#19
n-Nitroso-di-n-propylamine
Concen: 40.94 ng
RT: 7.09 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.8	41.7	62.5
101	8.6	6.7	10.1
130	17.8	13.8	20.8

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

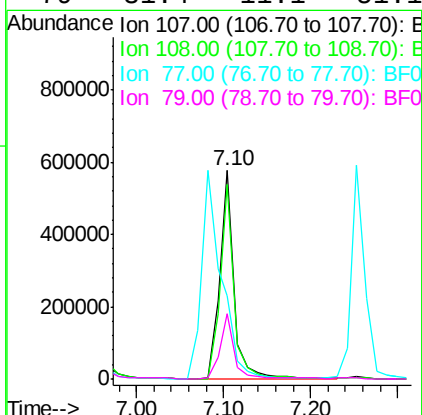
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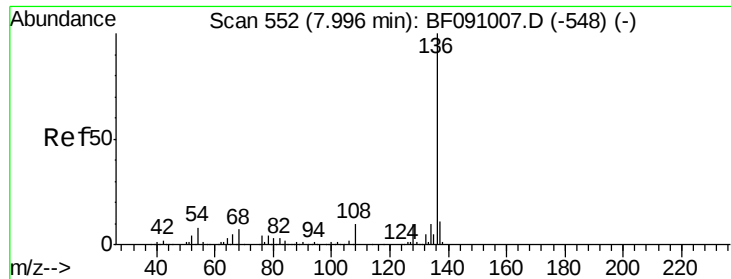
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#20
3+4-Methylphenols
Concen: 49.48 ng
RT: 7.10 min Scan# 474
Delta R.T. 0.01 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	75.5	115.5
77	39.7	26.4	66.4
79	31.4	11.1	51.1





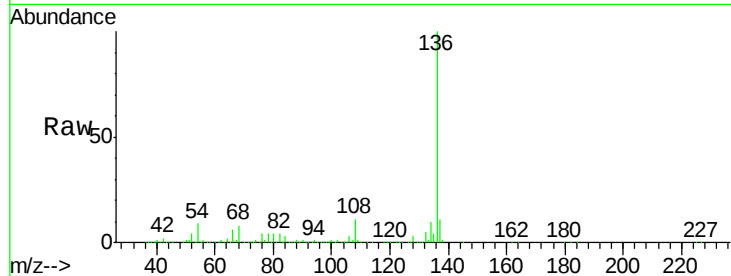
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

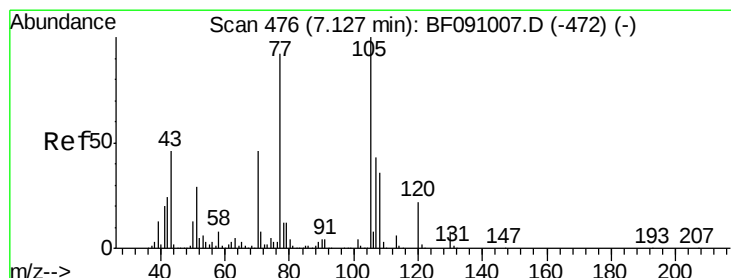
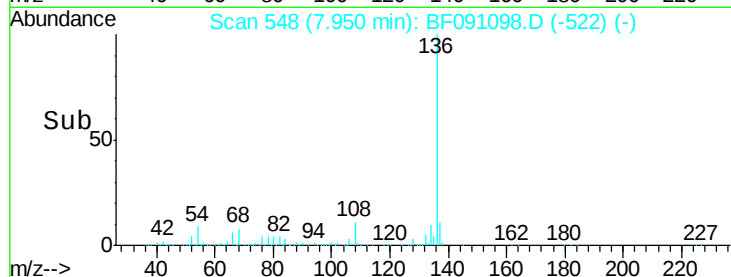
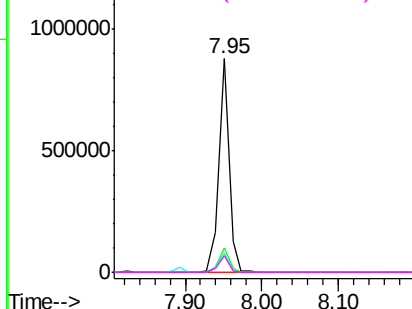
Tot Ion	Ratio	Resp	Lower	Upper
136	100	815738		
137	11.4		8.9	13.3
54	8.7		6.2	9.2
68	7.6		5.5	8.3

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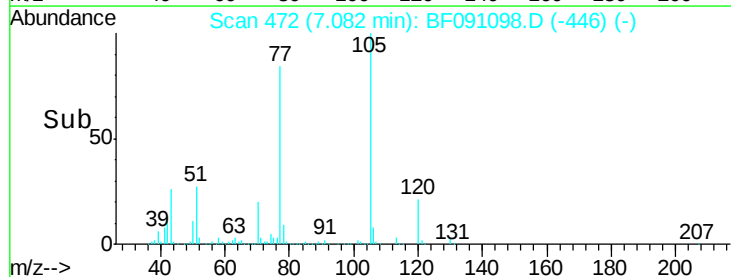
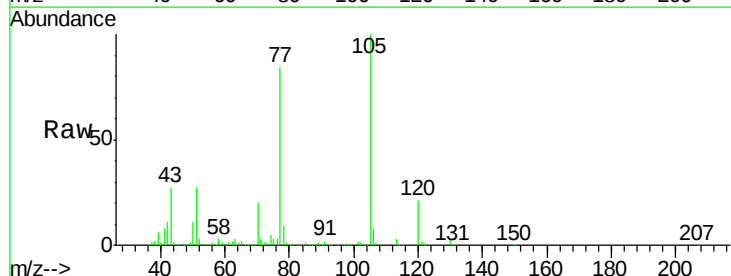
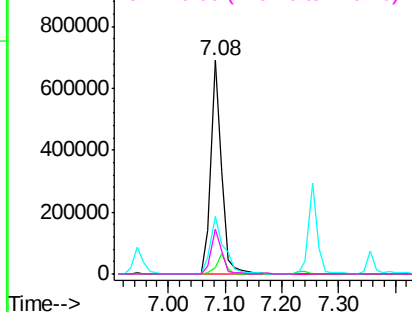
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

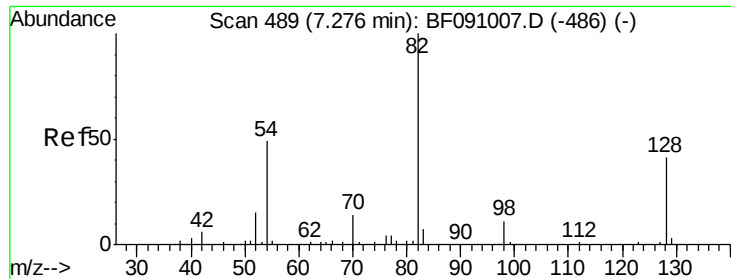


#22
Acetophenone
Concen: 46.10 ng
RT: 7.08 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	865792		
71	3.2		6.2	9.2#
51	27.1		23.3	34.9
120	20.9		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





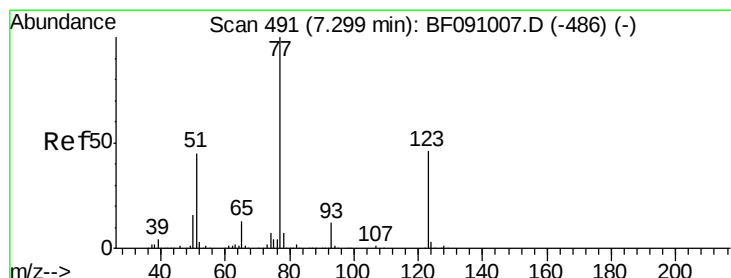
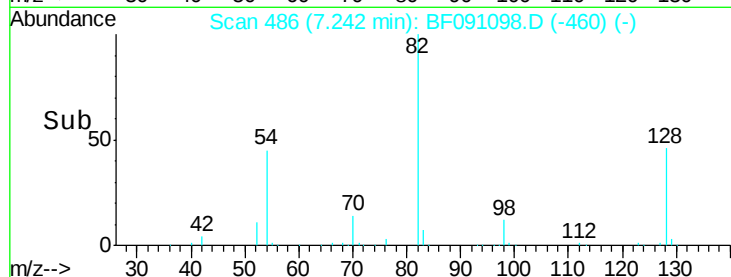
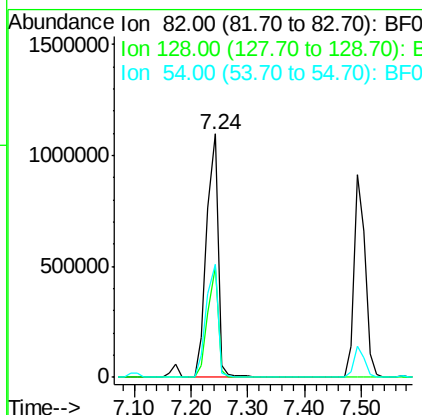
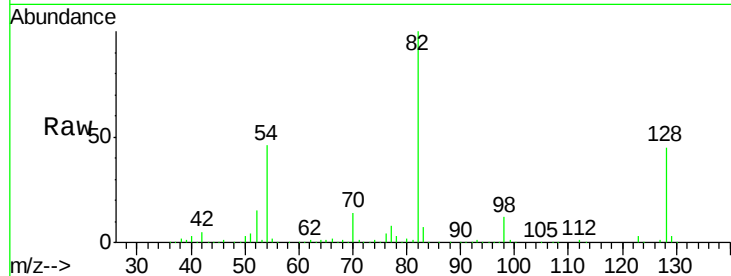
#23
 Nitrobenzene-d5
 Concen: 98.79 ng
 RT: 7.24 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	32.4	48.6
54	46.5	39.2	58.8

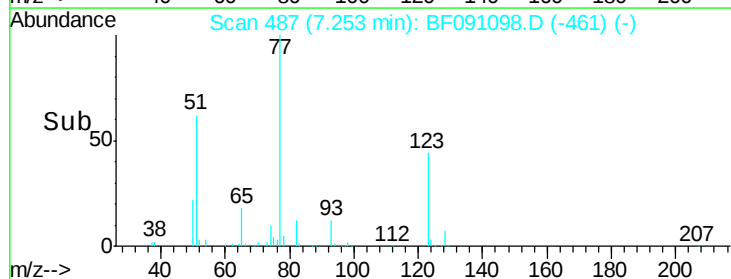
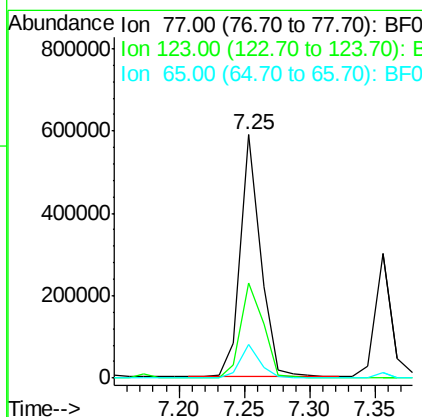
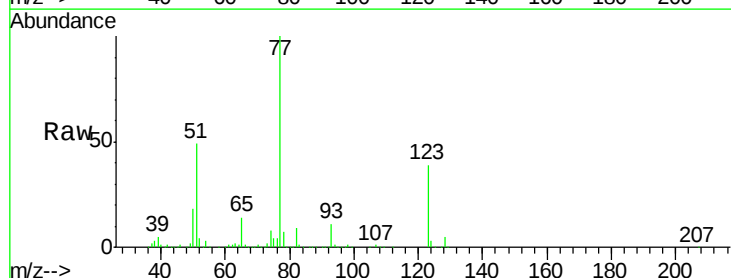
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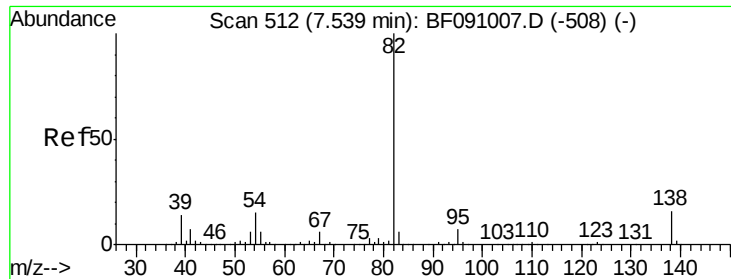
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#24
 Nitrobenzene
 Concen: 38.58 ng
 RT: 7.25 min Scan# 487
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	36.5	54.7
65	13.9	10.7	16.1





#25

Isophorone

Concen: 43.72 ng

RT: 7.49 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion: 82 Resp: 1259697

Ion Ratio Lower Upper

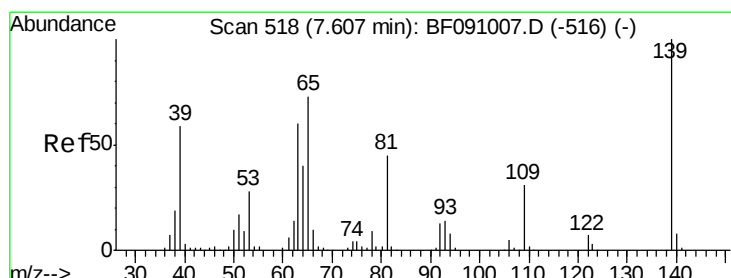
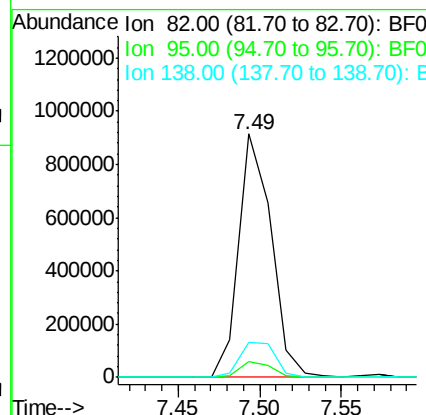
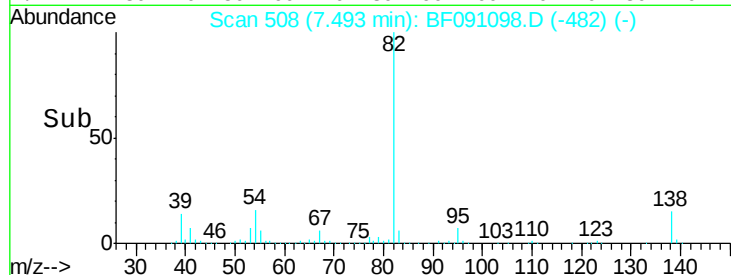
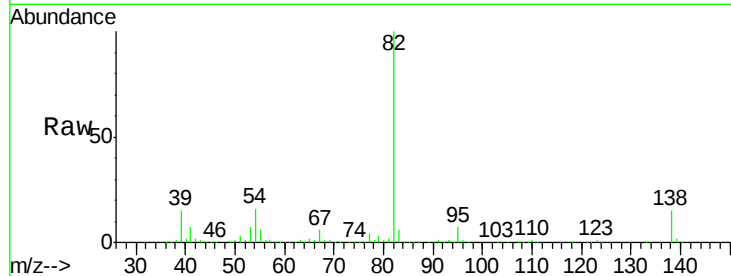
82 100

95 6.6 5.4 8.0

138 14.6 13.0 19.4

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#26

2-Nitrophenol

Concen: 48.61 ng

RT: 7.57 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

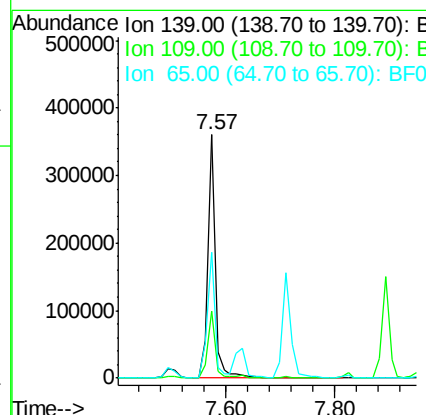
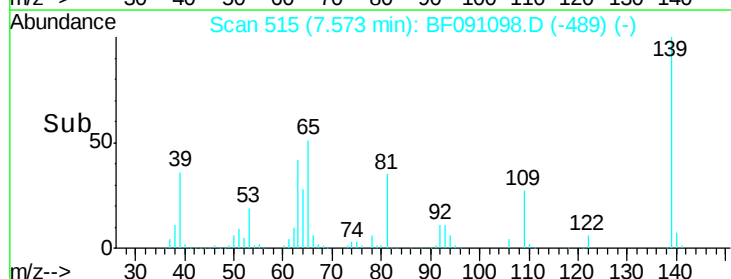
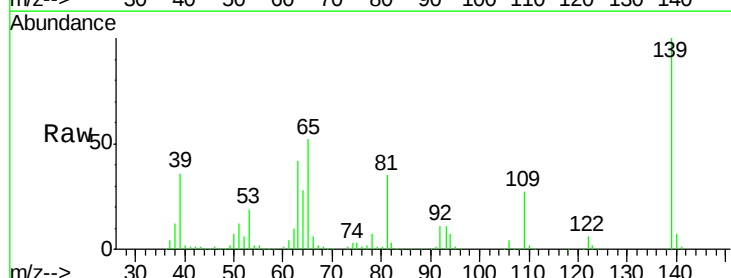
Tgt Ion: 139 Resp: 339703

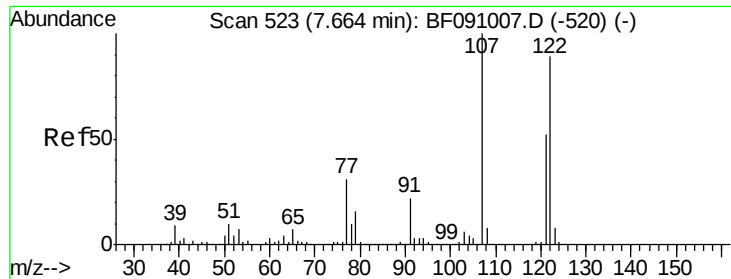
Ion Ratio Lower Upper

139 100

109 27.4 24.7 37.1

65 51.5 58.3 87.5#





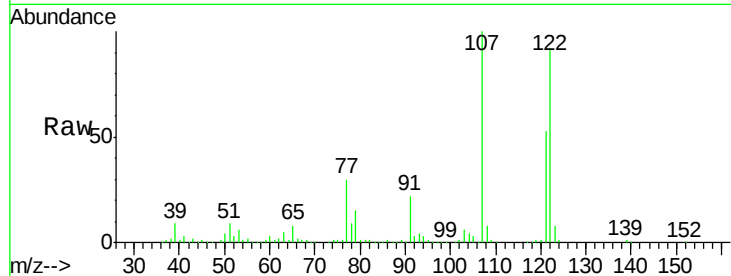
#27
2,4-Dimethylphenol
Concen: 48.10 ng
RT: 7.63 min Scan# 520
Delta R.T. 0.01 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

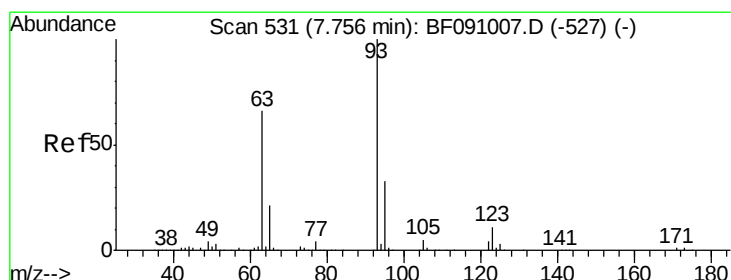
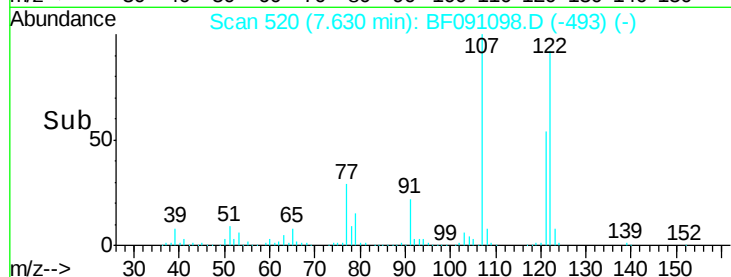
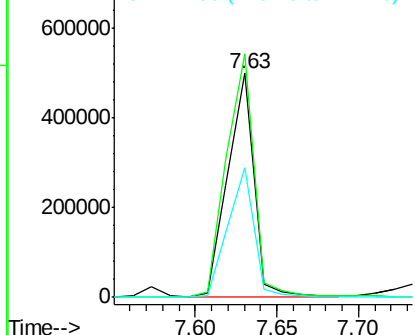
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	89.6	134.4
121	58.2	46.3	69.5

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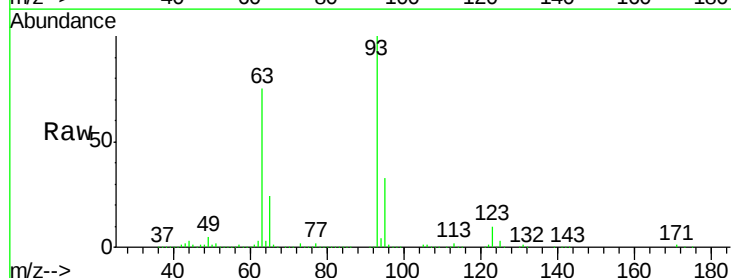


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

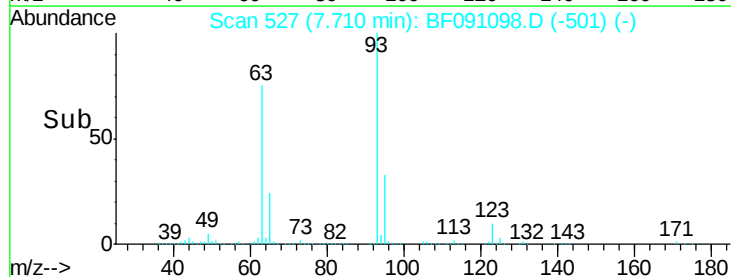
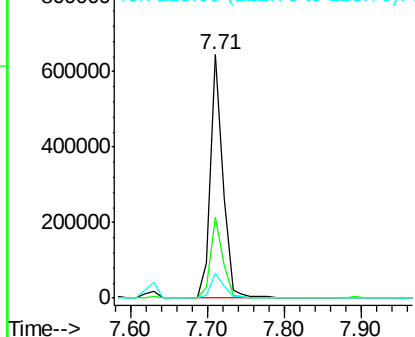


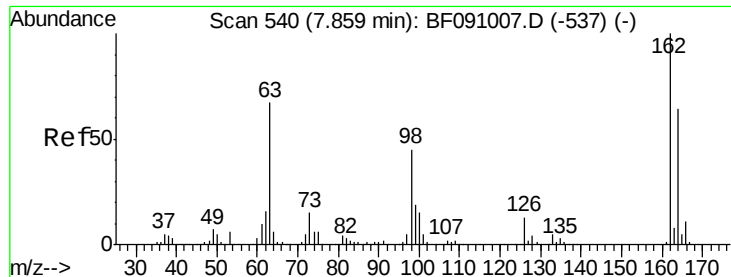
#28
bis(2-Chloroethoxy)methane
Concen: 45.87 ng
RT: 7.71 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	9.9	8.7	13.1



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





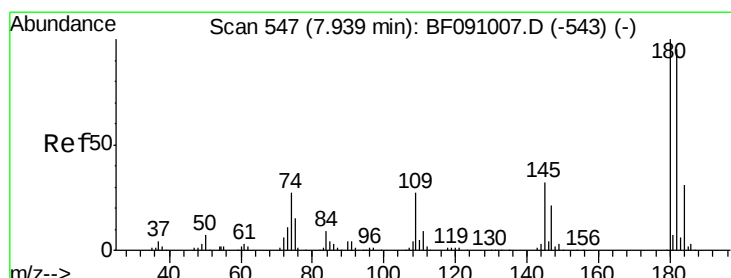
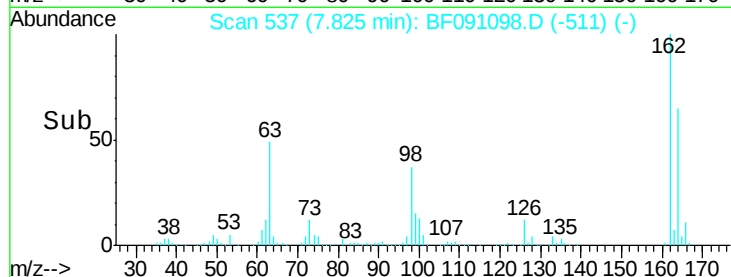
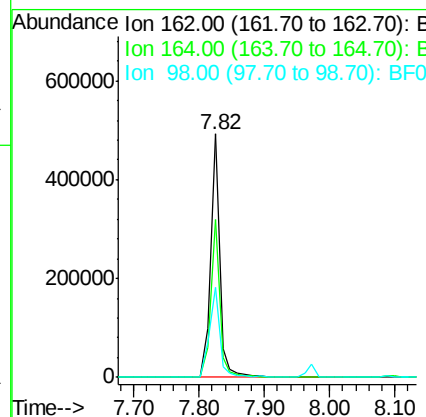
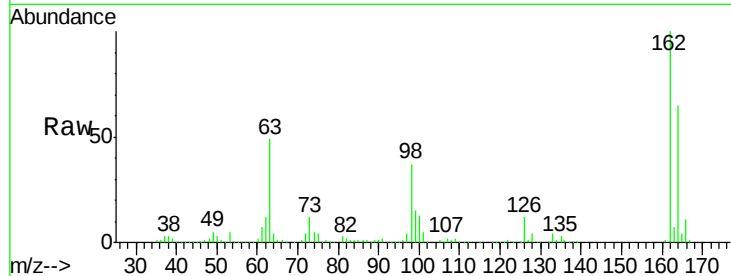
#29
2,4-Dichlorophenol
Concen: 47.45 ng
RT: 7.82 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478700		
164	65.0	44.4	84.4	
98	36.9	25.2	65.2	

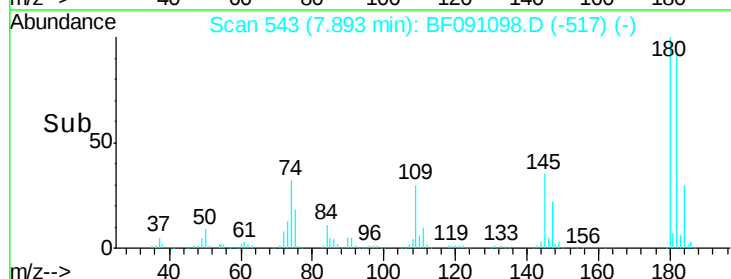
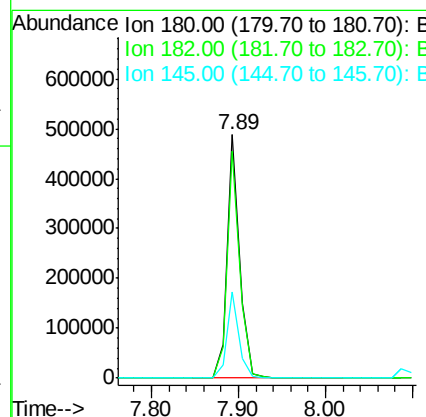
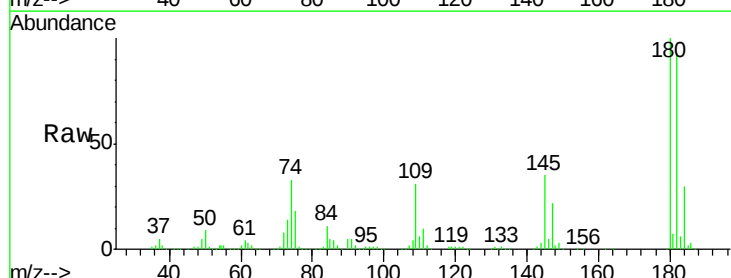
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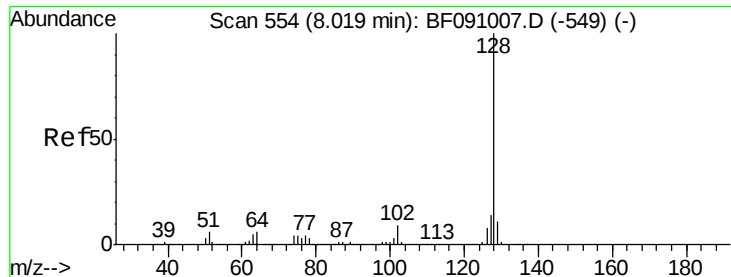
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#30
1,2,4-Trichlorobenzene
Concen: 43.80 ng
RT: 7.89 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	496800		
182	93.3	76.0	114.0	
145	35.2	25.8	38.8	





#31

Naphthalene

Concen: 42.70 ng

RT: 7.97 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:128 Resp: 1665635

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

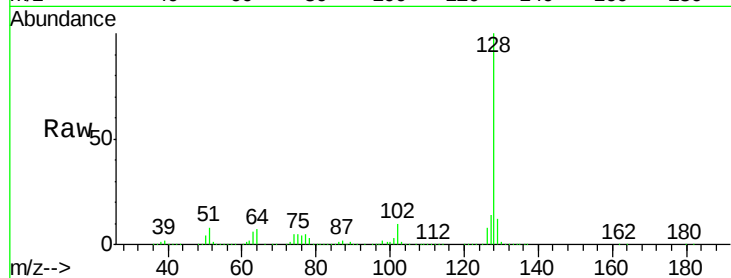
127 14.1 10.9 16.3

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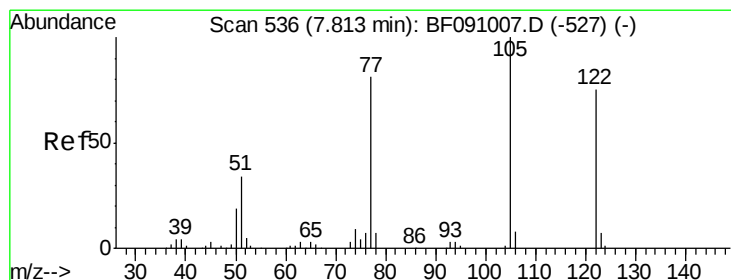
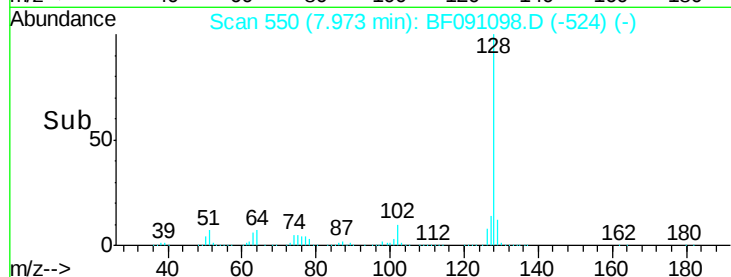
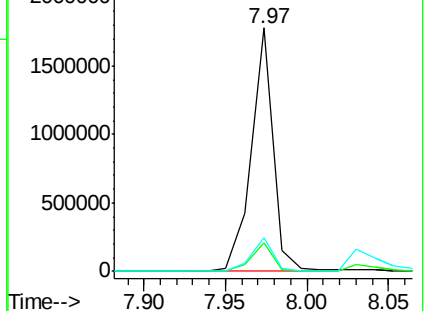
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.50 ng

RT: 7.74 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

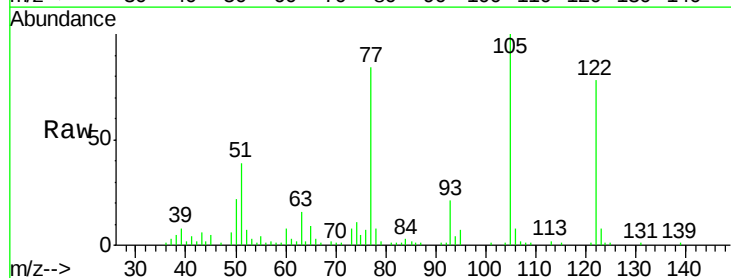
Tgt Ion:122 Resp: 95085

Ion Ratio Lower Upper

122 100

105 127.7 105.9 145.9

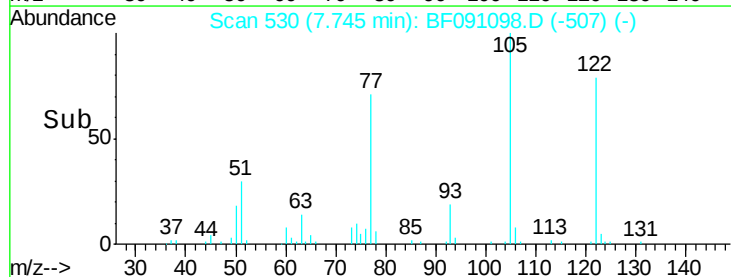
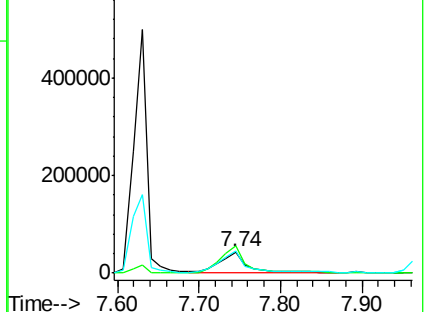
77 107.3 84.0 124.0

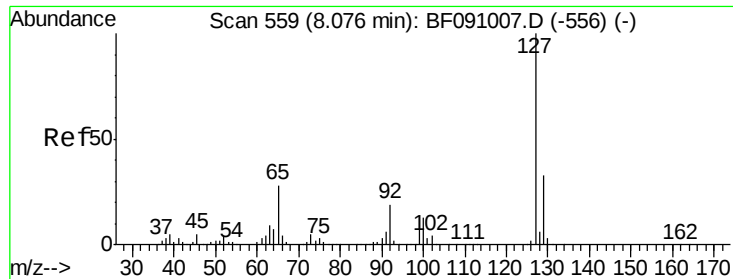


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





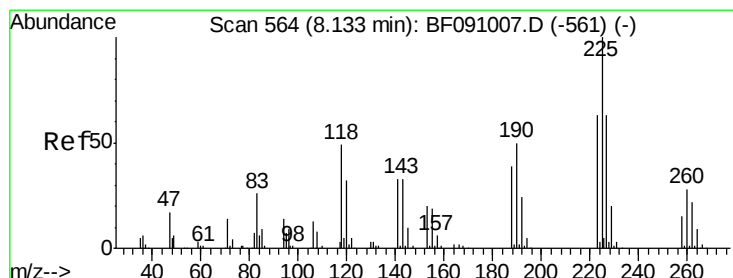
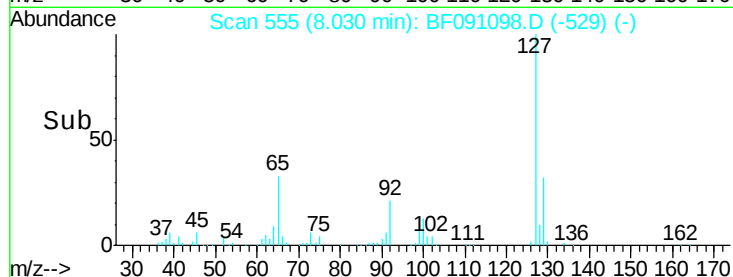
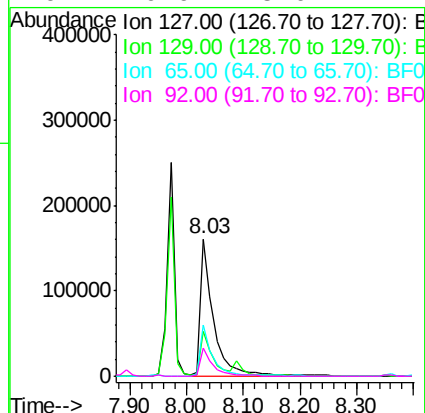
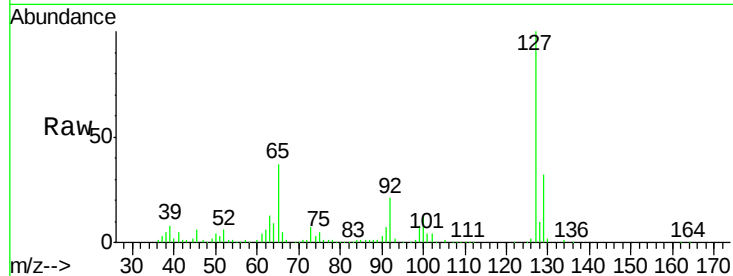
#33
4-Chloroaniline
Concen: 15.45 ng
RT: 8.03 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.6	39.8	
65	37.0	22.2	33.2	
92	20.9	15.0	22.4	

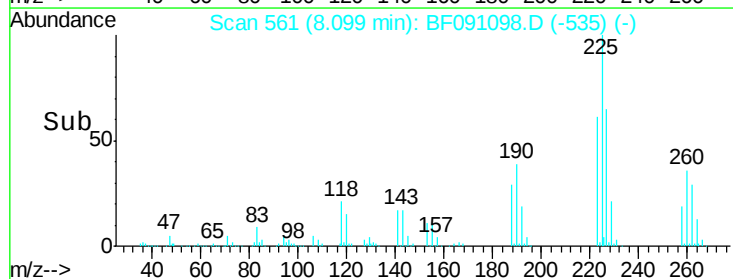
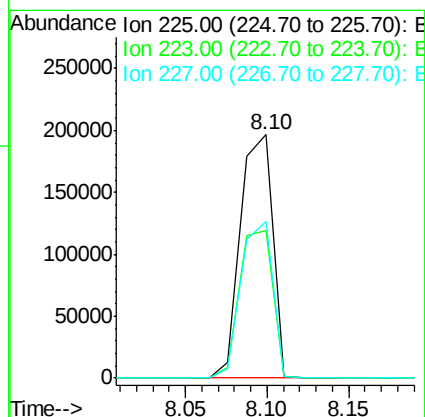
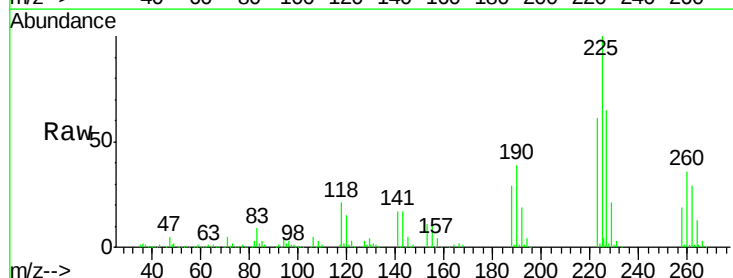
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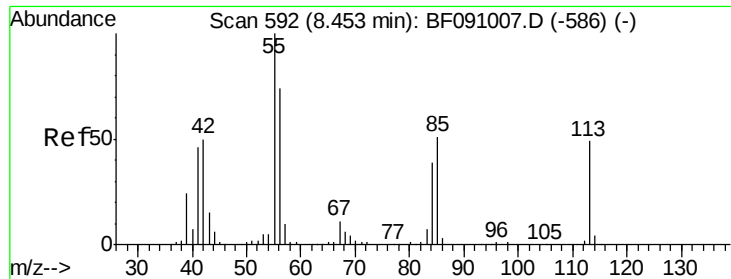
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#34
Hexachlorobutadiene
Concen: 43.80 ng
RT: 8.10 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	50.4	75.6	
227	64.6	50.1	75.1	





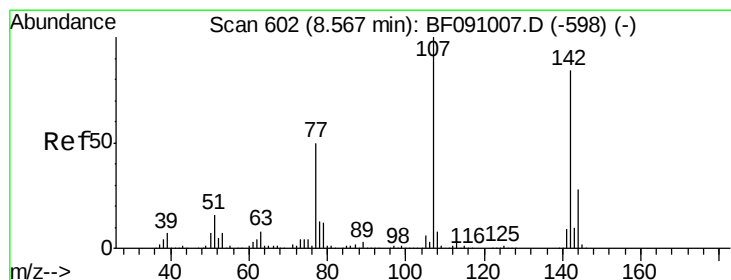
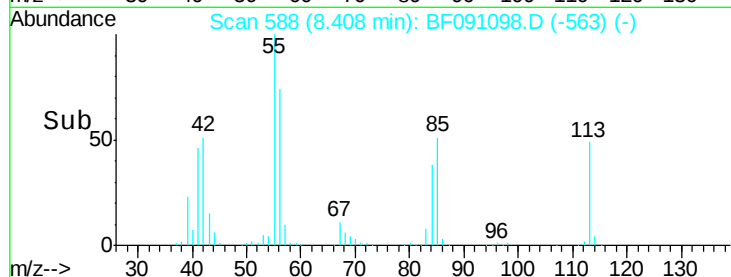
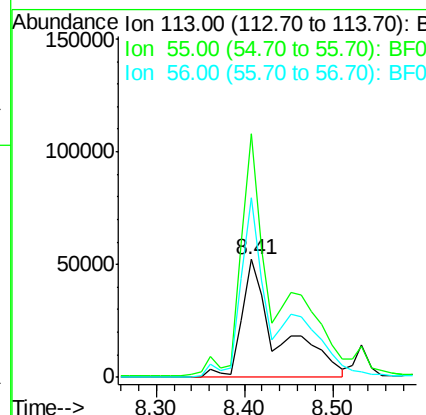
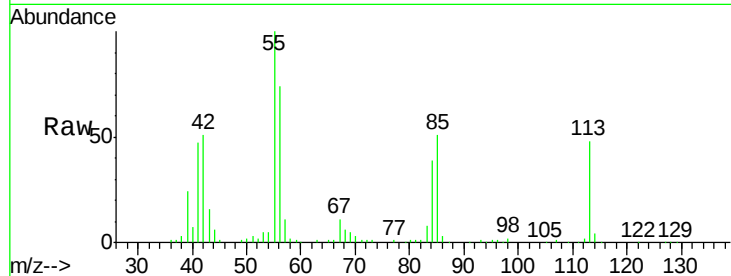
#35
 Caprolactam
 Concen: 47.78 ng/ml
 RT: 8.41 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	206.7	184.1	224.1
56	152.9	132.0	172.0

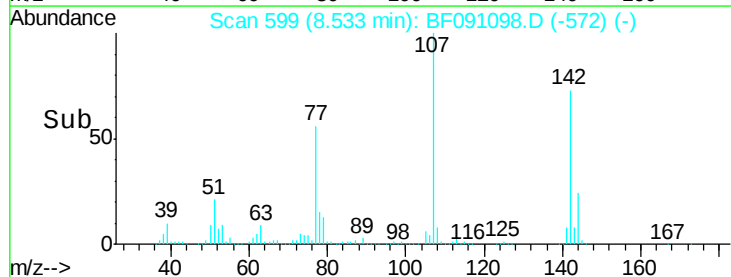
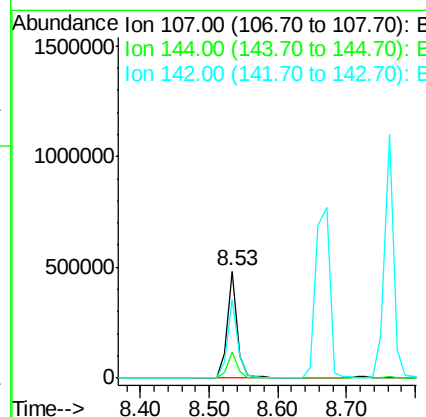
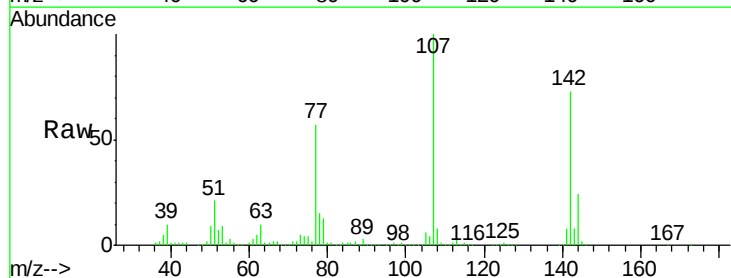
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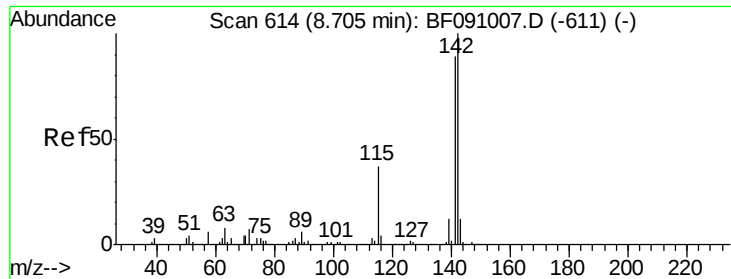
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#36
 4-Chloro-3-methylphenol
 Concen: 41.38 ng
 RT: 8.53 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	22.5	33.7
142	73.3	67.4	101.2





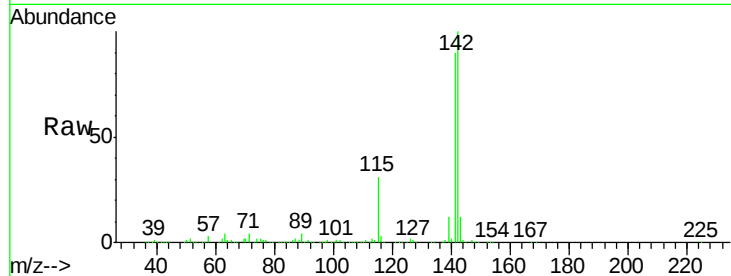
#37
2-Methylnaphthalene
Concen: 42.48 ng
RT: 8.67 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	31.0	29.9	44.9

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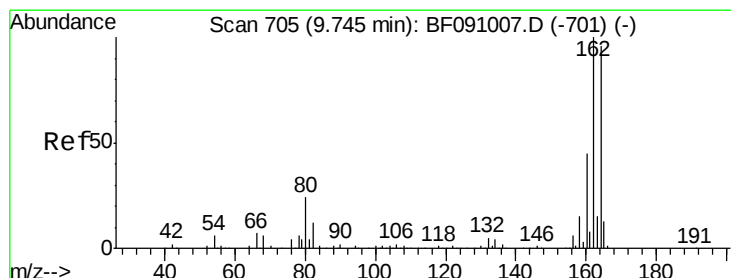
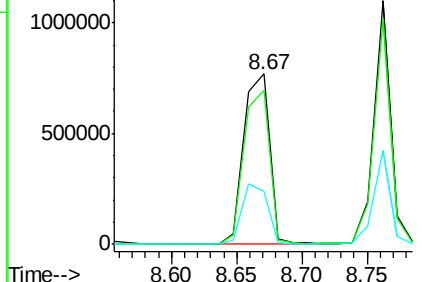
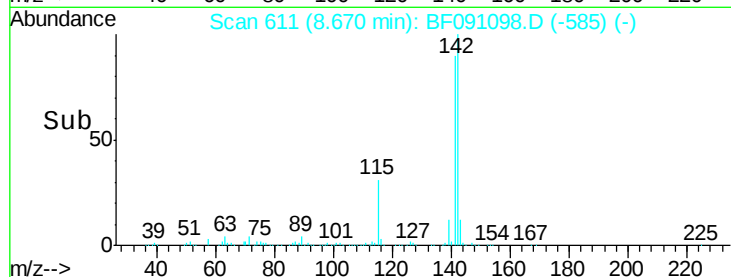


Abundance

Ion 142.00 (141.70 to 142.70): E

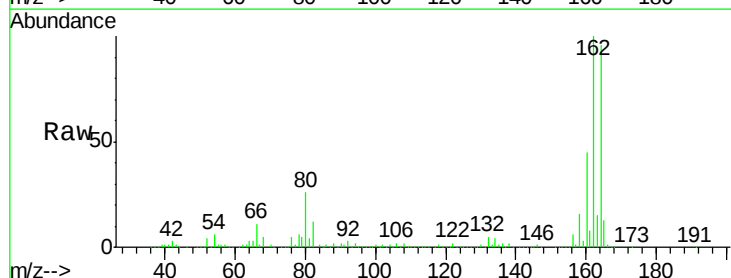
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.6	125.4
160	47.5	37.9	56.9

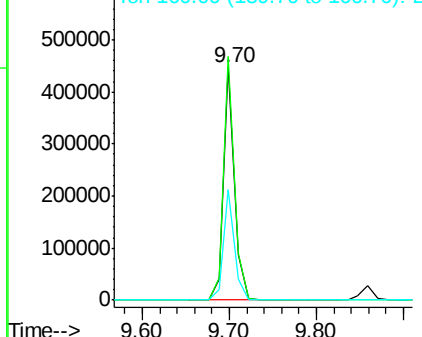
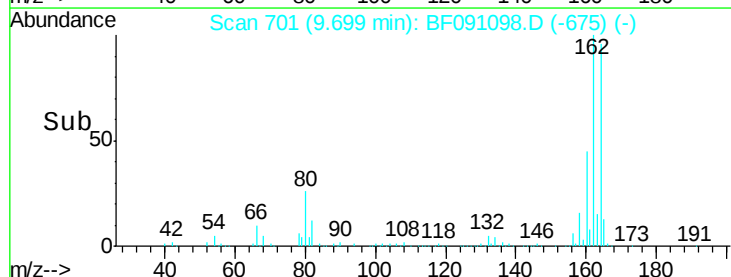


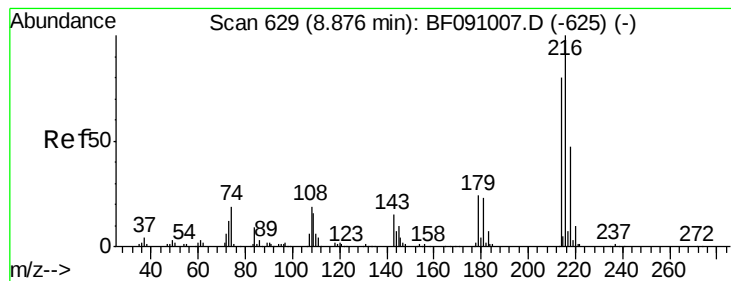
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.64 ng

RT: 8.83 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

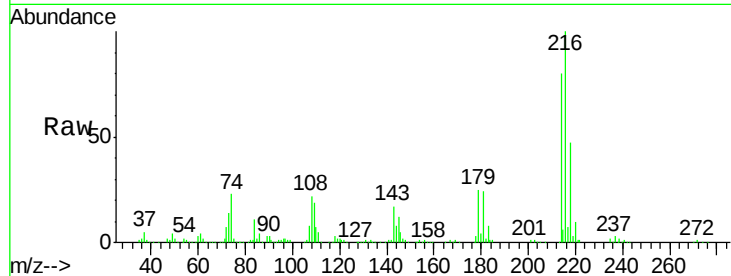
ClientSampleId :

V001-BF014-01MS

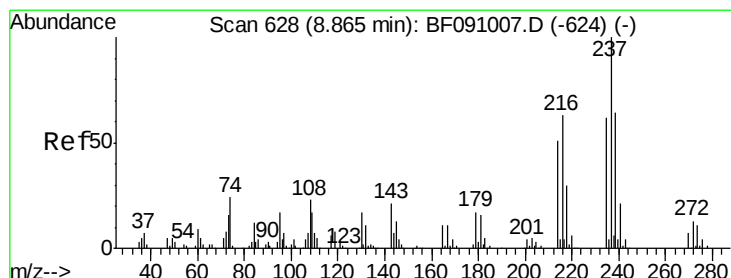
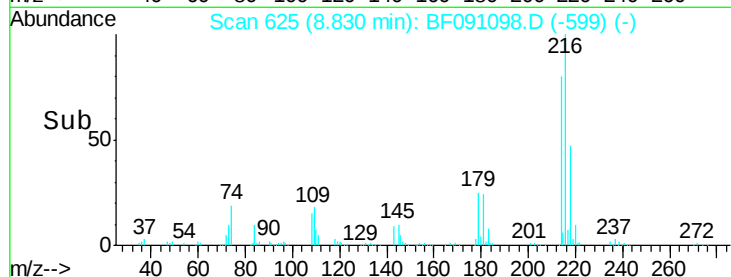
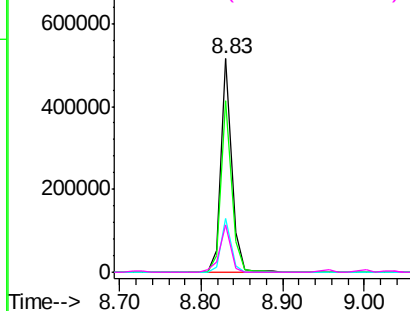
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		466933		
214	79.7		63.5	95.3	
179	23.8		19.1	28.7	
108	23.7		17.5	26.3	

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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: 69.78 ng

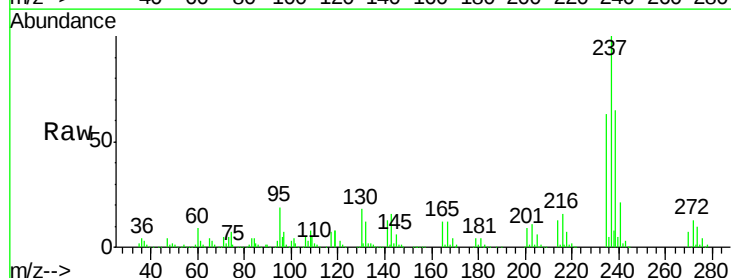
RT: 8.82 min Scan# 624

Delta R.T. 0.00 min

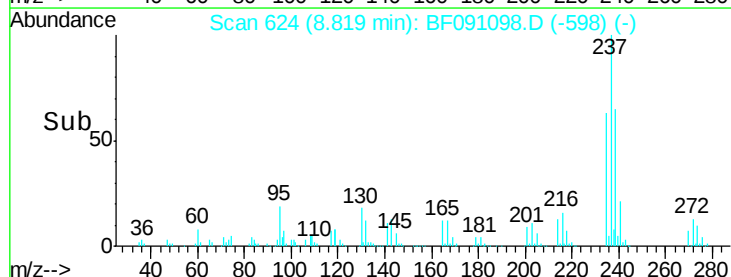
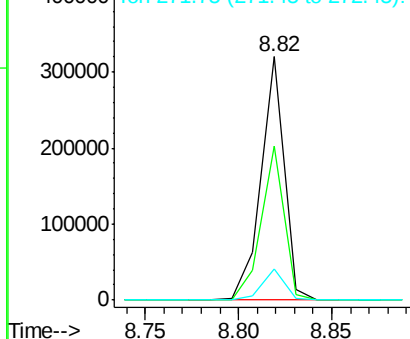
Lab File: BF091098.D

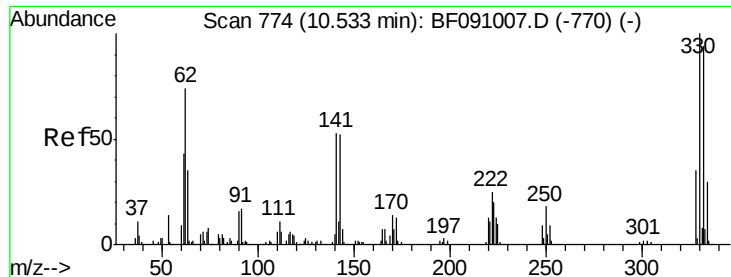
Acq: 8 Nov 2016 22:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		273051		
235	63.3		42.1	82.1	
272	13.0		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





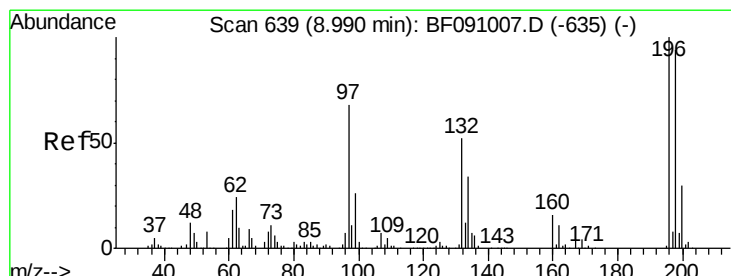
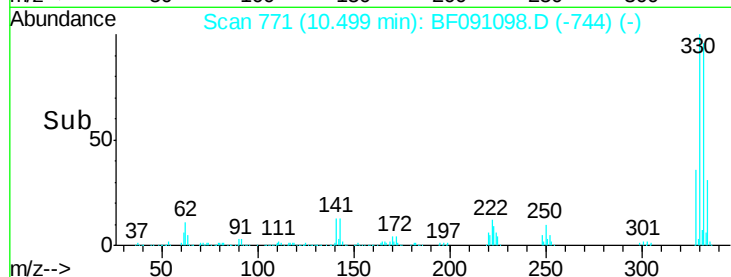
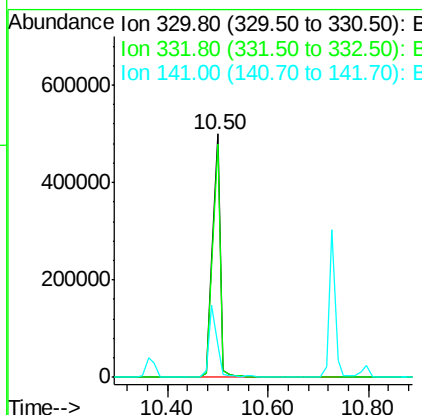
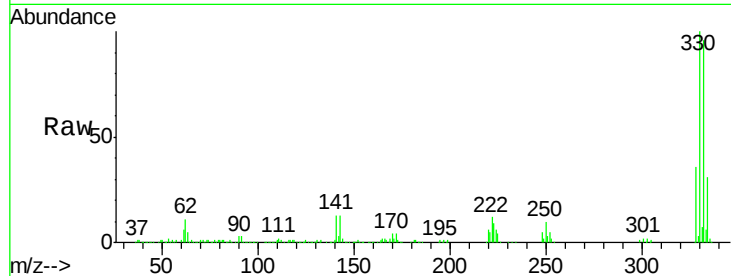
#41
 2,4,6-Tribromophenol
 Concen: 149.03 ng
 RT: 10.50 min Scan# 771
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.0	75.9	113.9	
141	30.2	36.1	54.1#	

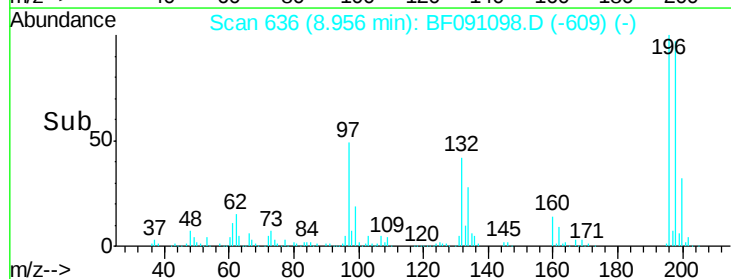
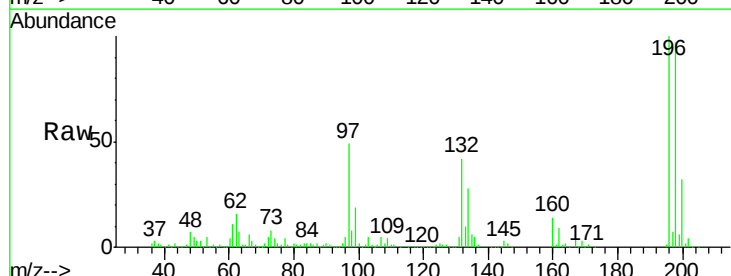
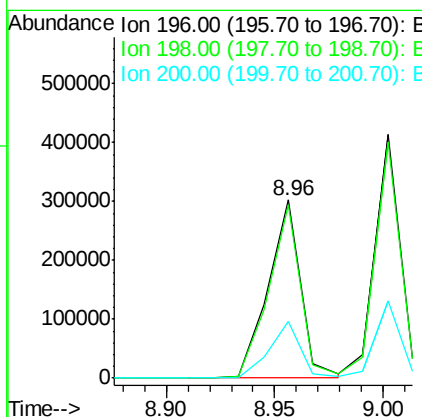
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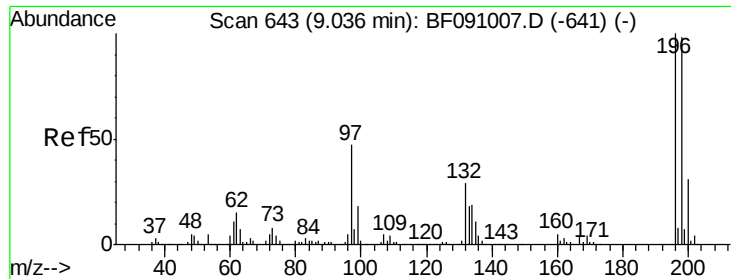
umangi
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#42
 2,4,6-Trichlorophenol
 Concen: 47.83 ng
 RT: 8.96 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.1	75.4	113.0	
200	31.9	24.1	36.1	





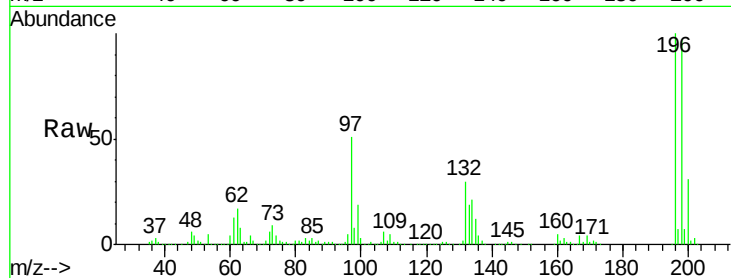
#43
 2,4,5-Trichlorophenol
 Concen: 50.51 ng
 RT: 9.00 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

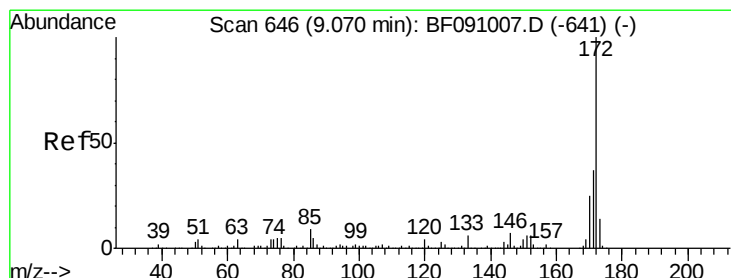
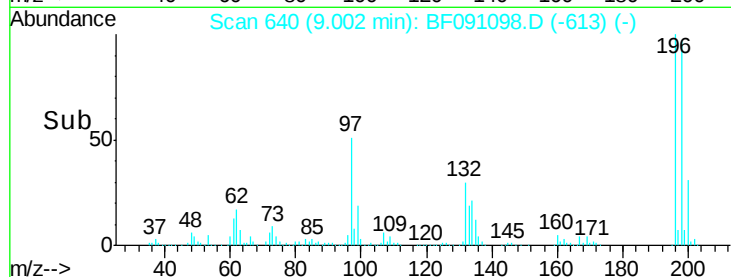
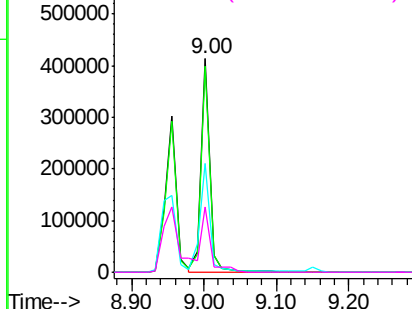
Tot Ion:	196	Resp:	350202
Ion Ratio	Lower	Upper	
196	100		
198	96.8	78.2	117.4
97	50.7	38.8	58.2
132	30.3	23.5	35.3

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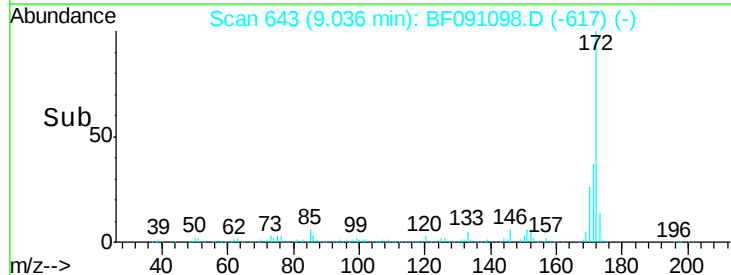
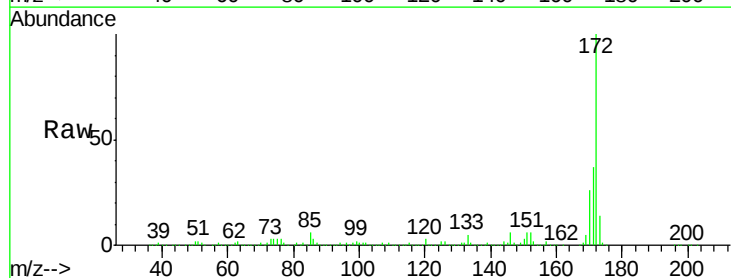
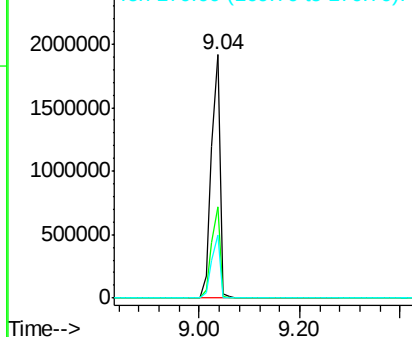
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

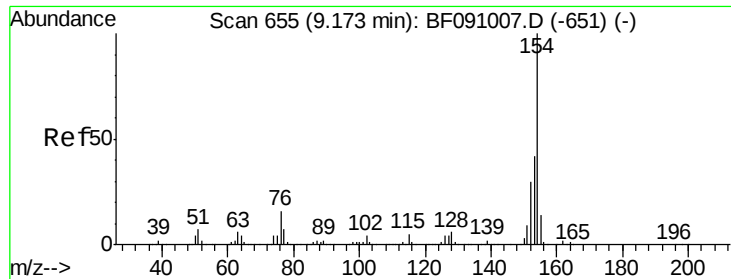


#44
 2-Fluorobiphenyl
 Concen: 98.53 ng
 RT: 9.04 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion:	172	Resp:	2296235
Ion Ratio	Lower	Upper	
172	100		
171	37.5	29.8	44.6
170	25.9	20.3	30.5

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





#45

1,1'-Biphenyl

Concen: 41.29 ng

RT: 9.13 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:154 Resp: 1209595

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

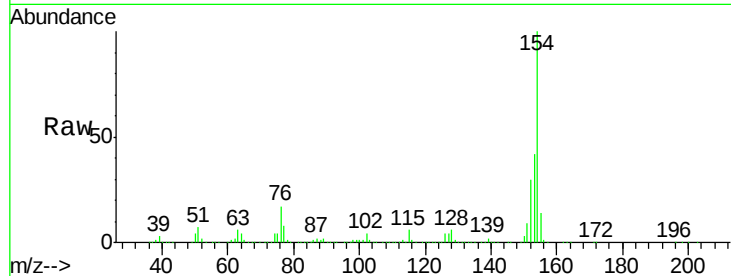
76 17.0 0.0 36.2

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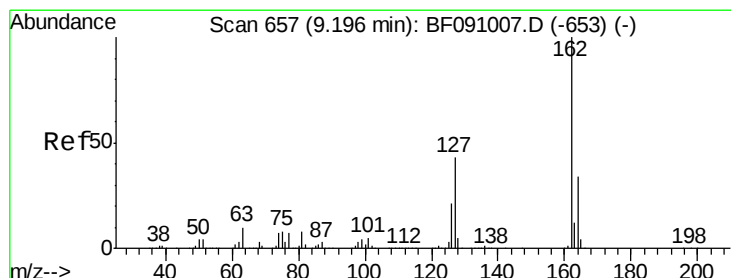
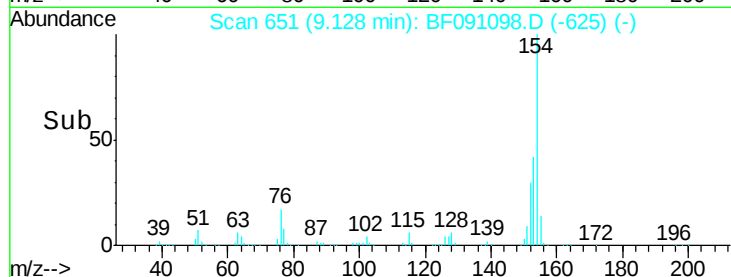
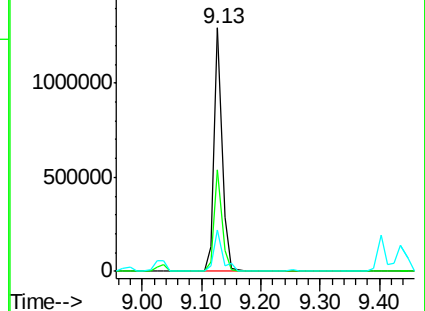
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.86 ng

RT: 9.15 min Scan# 653

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

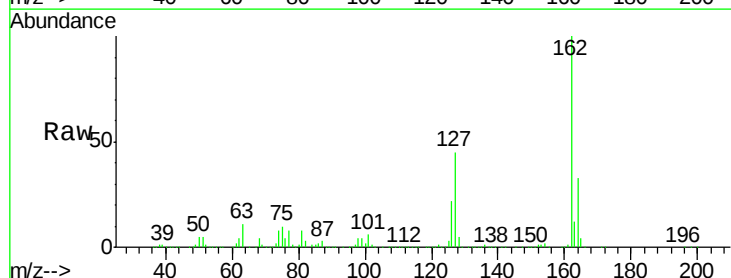
Tgt Ion:162 Resp: 975519

Ion Ratio Lower Upper

162 100

127 45.1 34.7 52.1

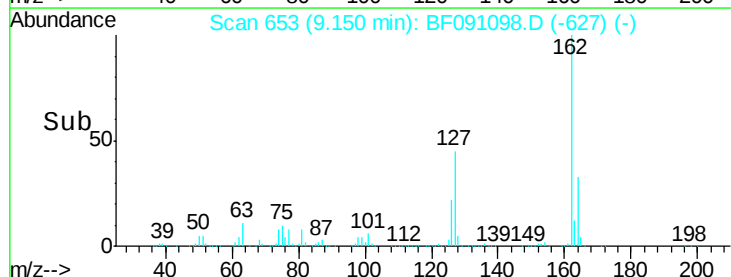
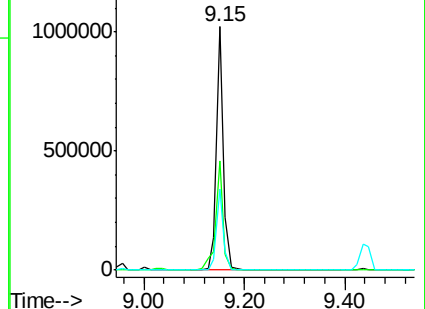
164 33.4 27.0 40.4

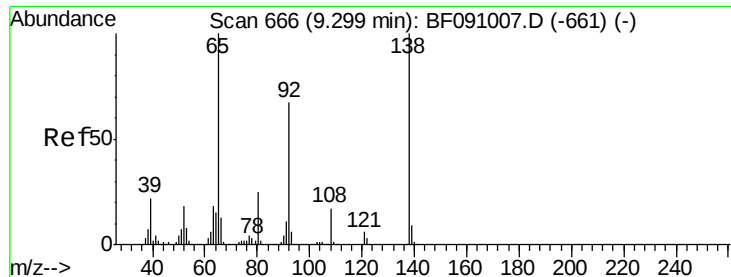


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





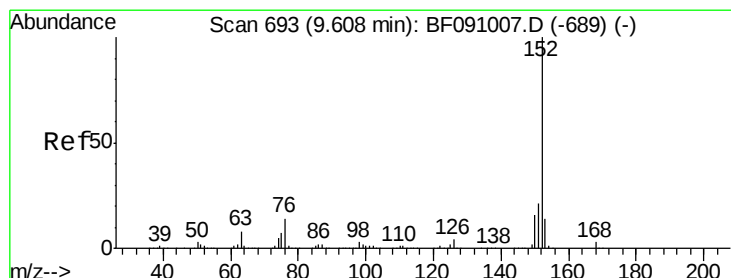
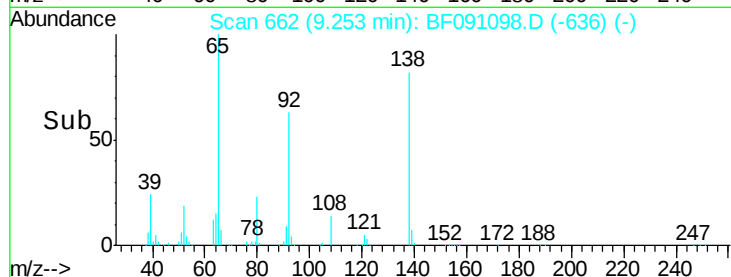
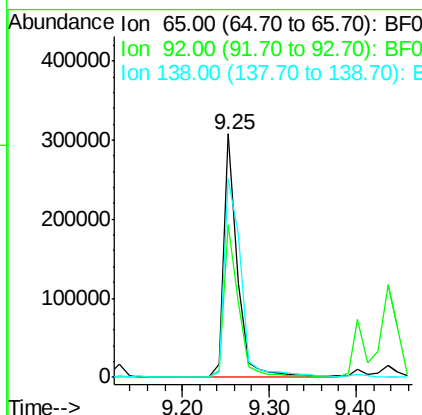
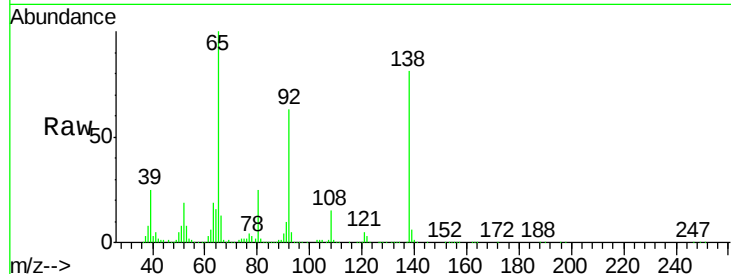
#47
2-Nitroaniline
Concen: 41.29 ng
RT: 9.25 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.0	53.9	80.9
138	81.4	80.1	120.1

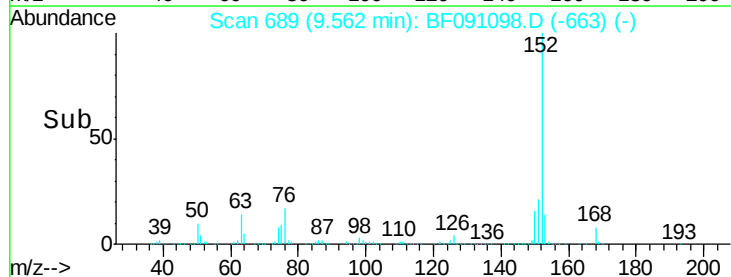
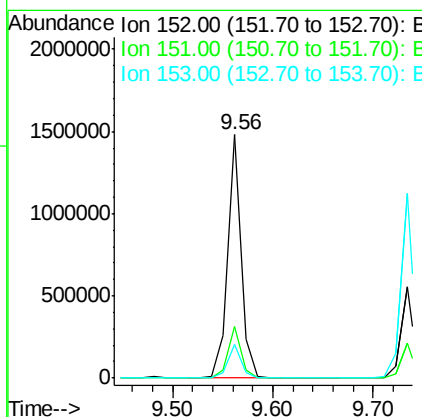
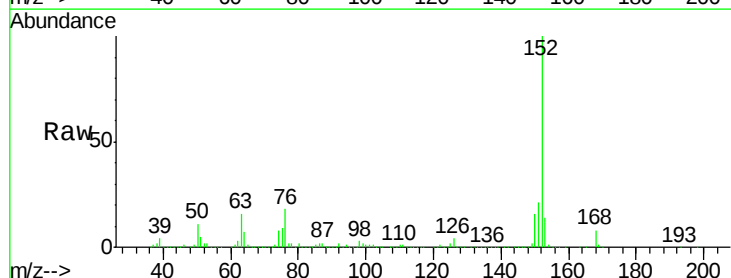
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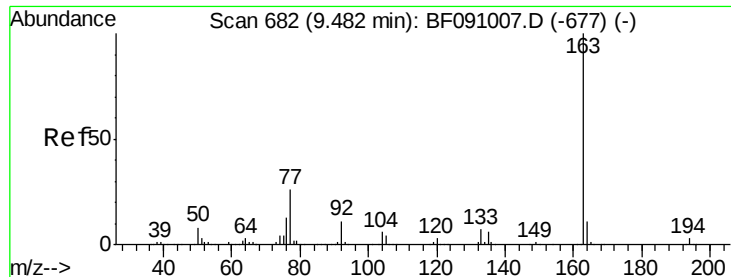
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#48
Acenaphthylene
Concen: 39.74 ng
RT: 9.56 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.7	25.1
153	14.1	11.1	16.7





#49

Dimethylphthalate

Concen: 59.80 ng

RT: 9.44 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:163 Resp: 1573285

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

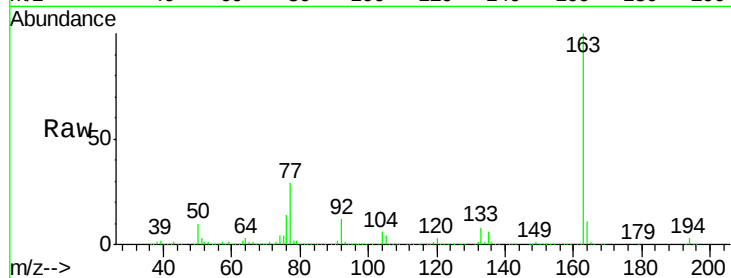
164 10.9 8.7 13.1

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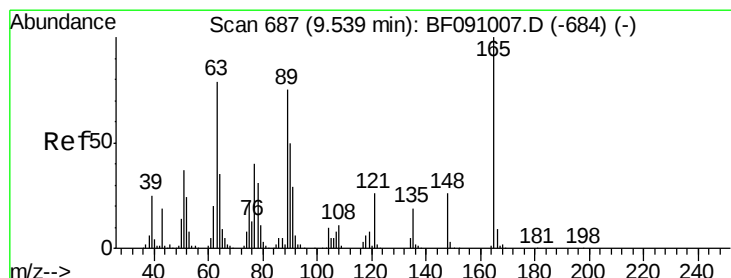
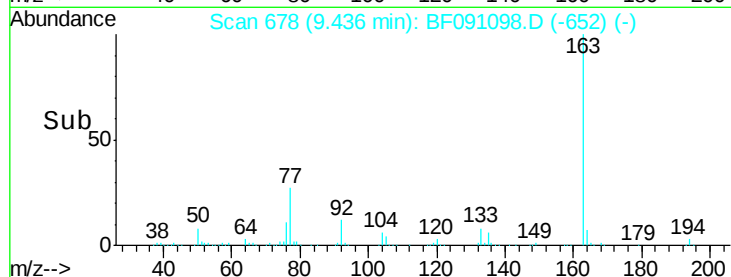
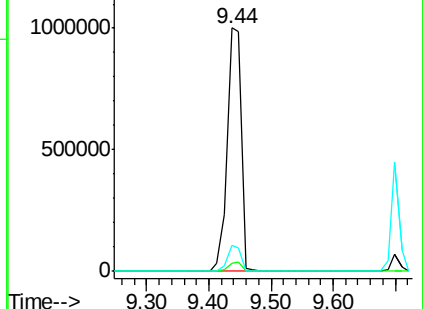
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.75 ng

RT: 9.50 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

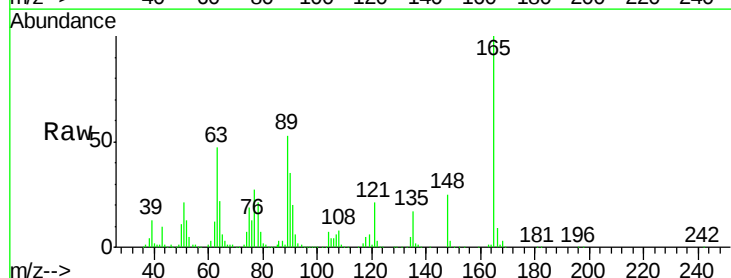
Tgt Ion:165 Resp: 291801

Ion Ratio Lower Upper

165 100

63 47.4 65.6 98.4#

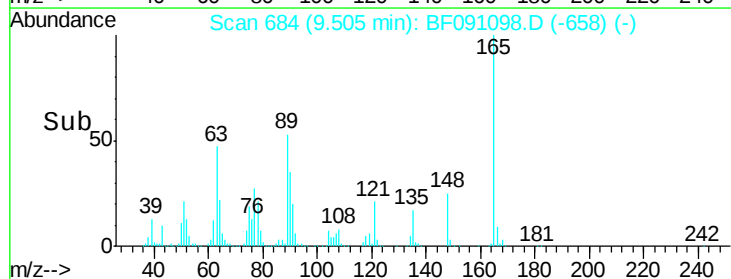
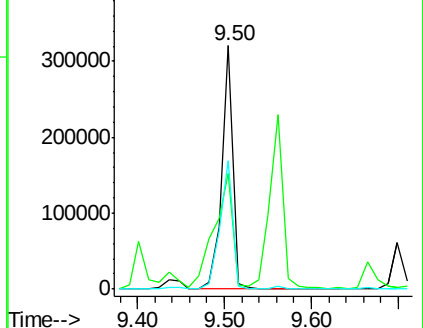
89 52.6 59.8 89.6#

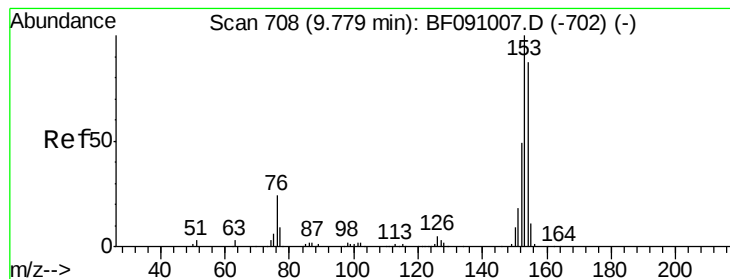


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.26 ng

RT: 9.73 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

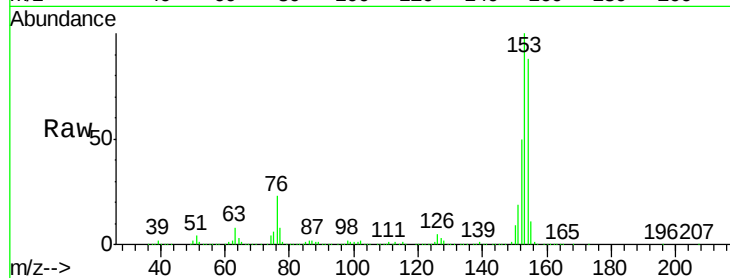
ClientSampleId :

V001-BF014-01MS

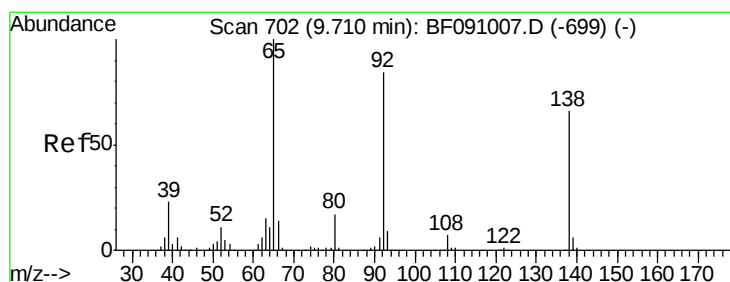
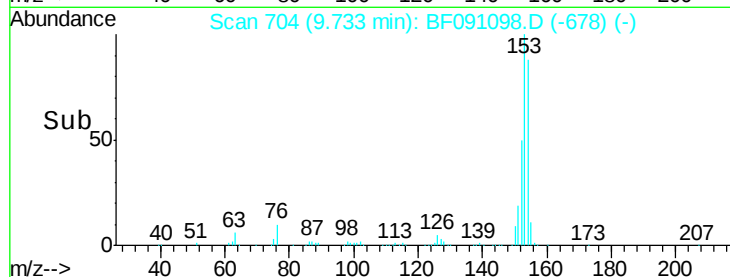
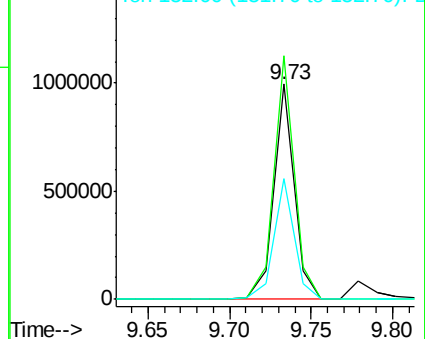
Tot Ion:	154	Resp:	876257
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.6	137.4
152	56.2	44.6	67.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.39 ng

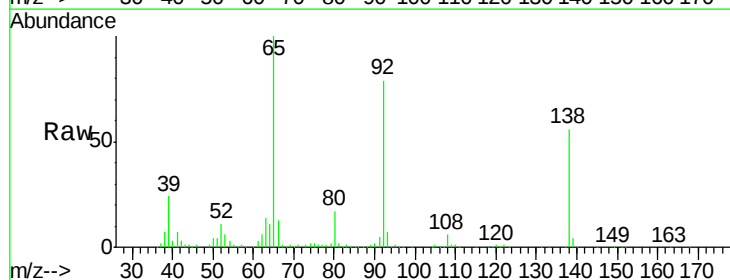
RT: 9.66 min Scan# 698

Delta R.T. 0.00 min

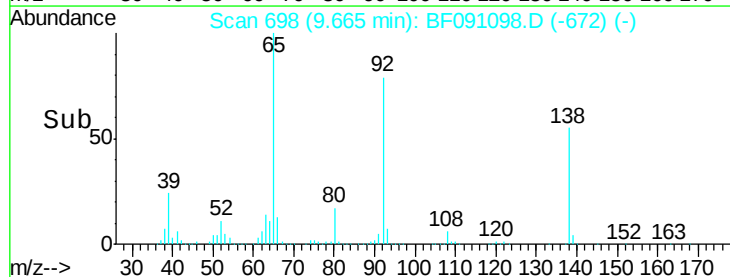
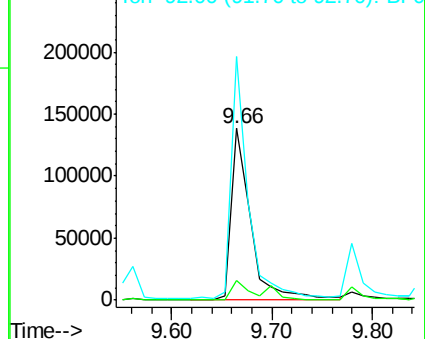
Lab File: BF091098.D

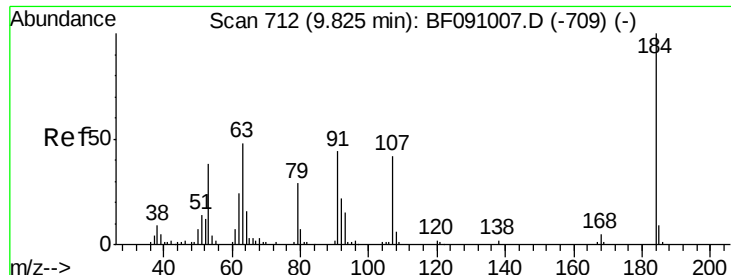
Acq: 8 Nov 2016 22:39

Tgt Ion:	138	Resp:	183167
Ion Ratio	Lower	Upper	
138	100		
108	11.3	8.4	12.6
92	141.7	101.1	151.7



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





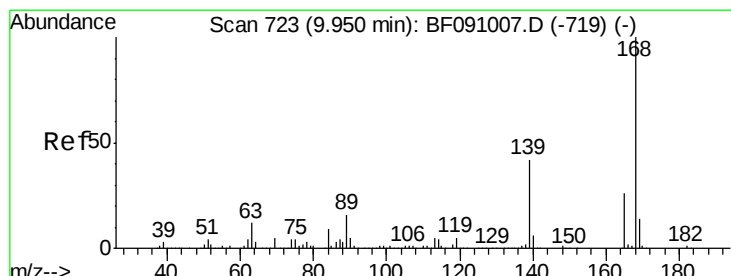
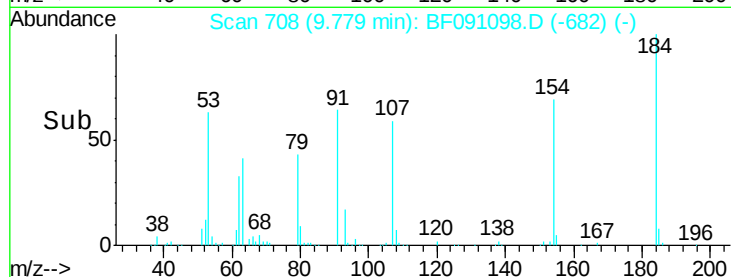
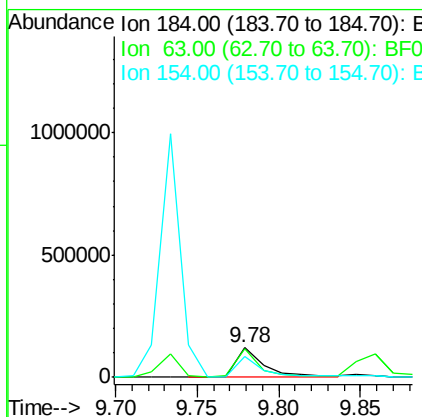
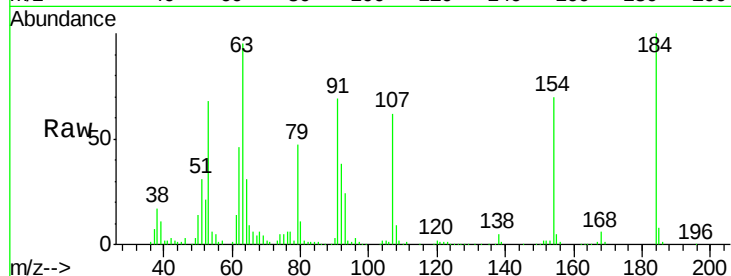
#53
2,4-Dinitrophenol
Concen: 49.46 ng
RT: 9.78 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	143929		
63	95.0	45.5	68.3#	
154	69.7	51.0	76.4	

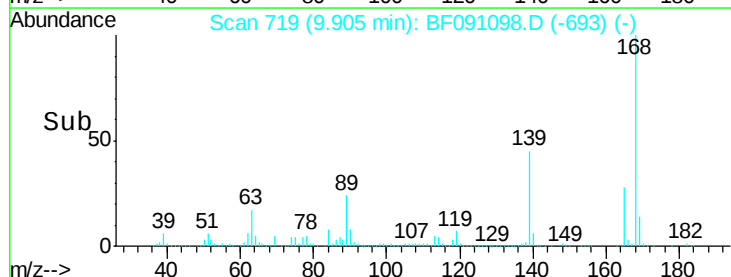
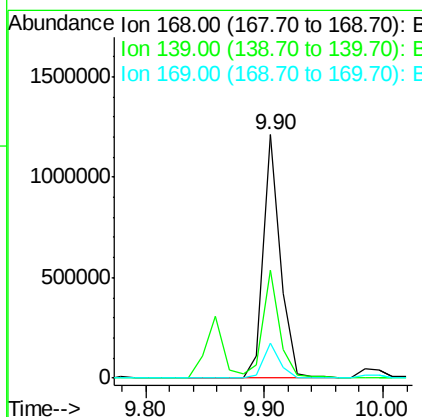
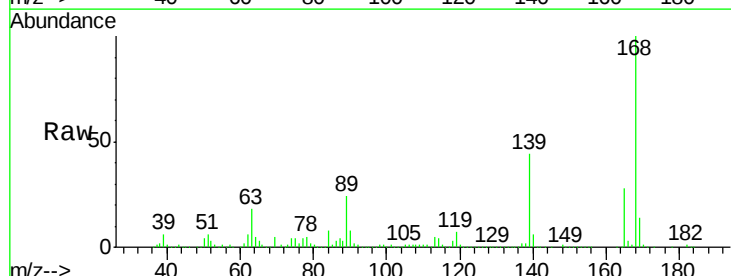
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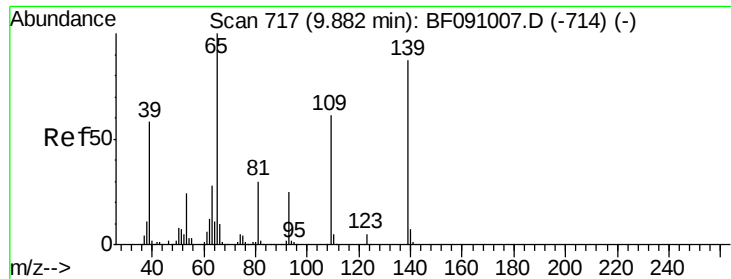
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#54
Dibenzofuran
Concen: 41.77 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1223611		
139	44.5	34.8	52.2	
169	14.4	11.4	17.2	





#55

4-Nitrophenol

Concen: 74.84 ng

RT: 9.86 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

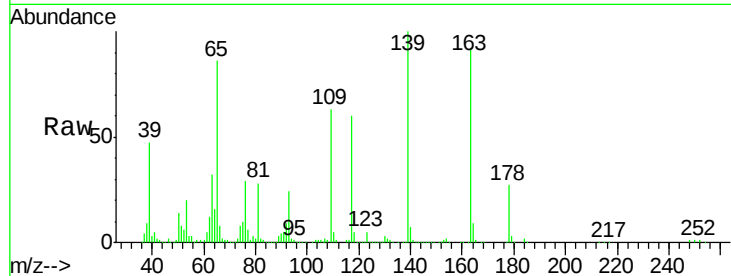
ClientSampleId :

V001-BF014-01MS

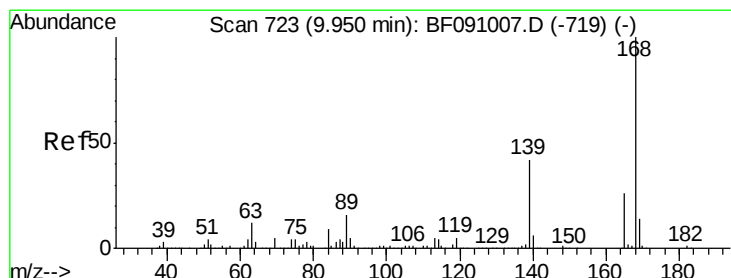
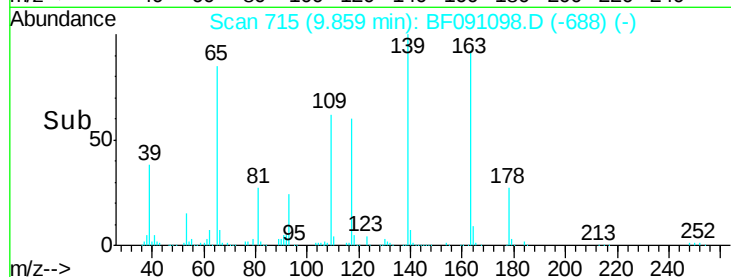
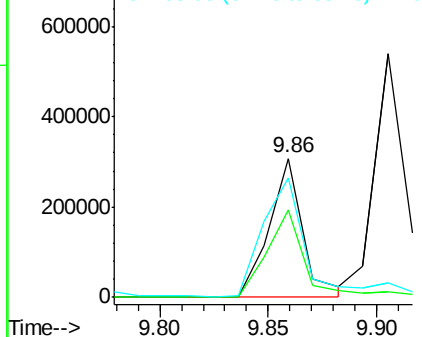
Tot Ion:	139	Resp:	331461
Ion Ratio	Lower	Upper	
139	100		
109	62.9	50.5	90.5
65	86.4	97.1	137.1#

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



#56

2,4-Dinitrotoluene

Concen: 43.51 ng

RT: 9.90 min Scan# 719

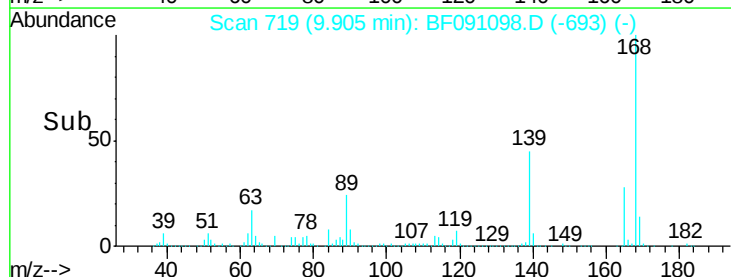
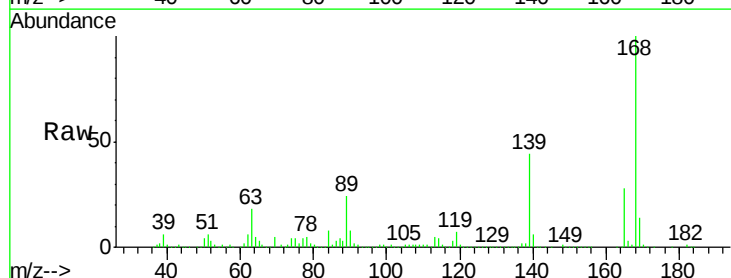
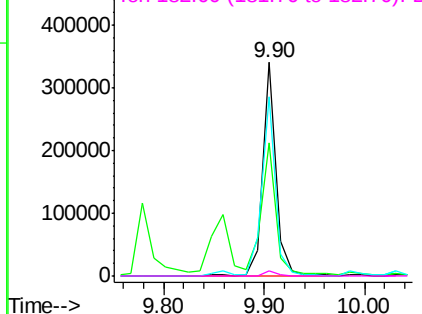
Delta R.T. 0.00 min

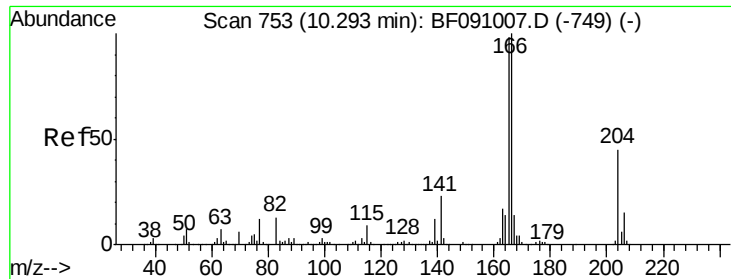
Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:	165	Resp:	312161
Ion Ratio	Lower	Upper	
165	100		
63	62.3	38.7	58.1#
89	83.9	50.6	76.0#
182	2.2	1.8	2.8

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





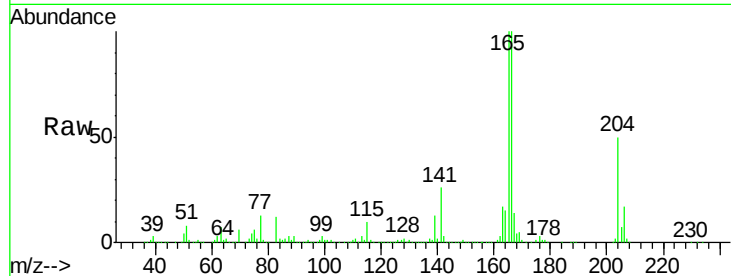
#57
Fluorene
 Concen: 40.27 ng
 RT: 10.25 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

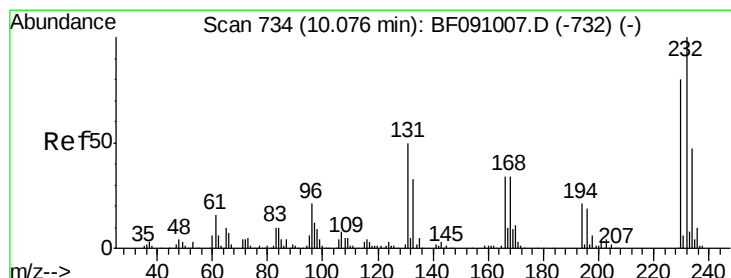
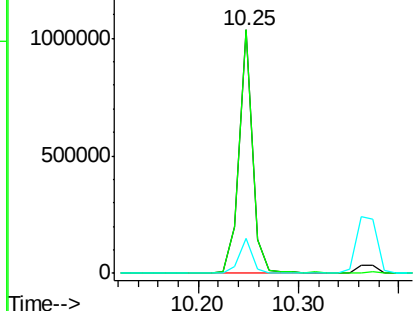
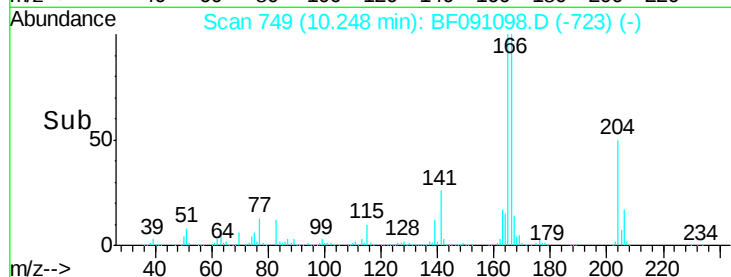
Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	78.6	118.0	
167	14.2	11.1	16.7	

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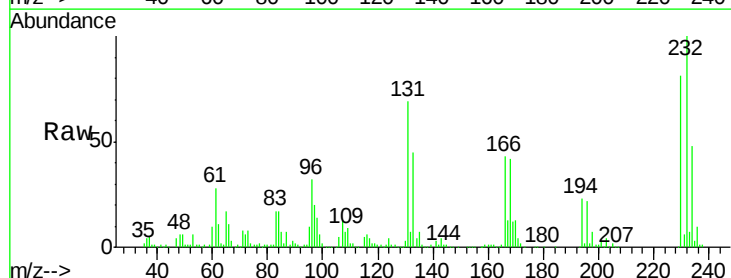


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

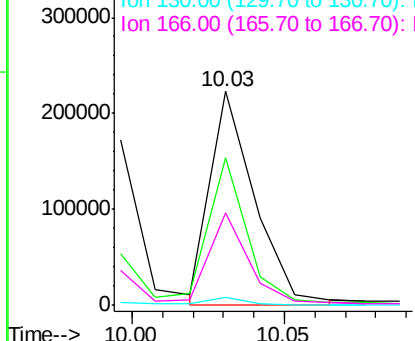
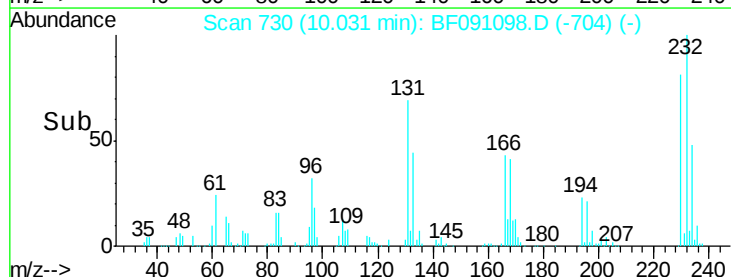


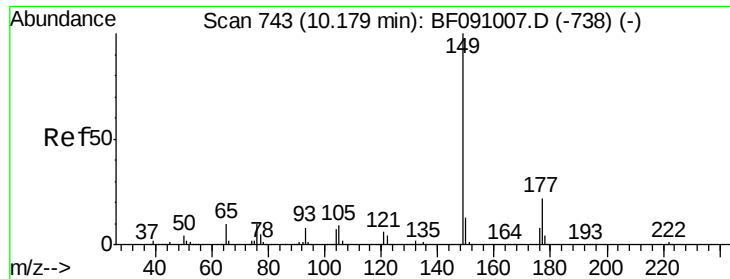
#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.73 ng m
 RT: 10.03 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.5	43.6	65.4	
130	2.7	2.0	3.0	
166	27.3	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





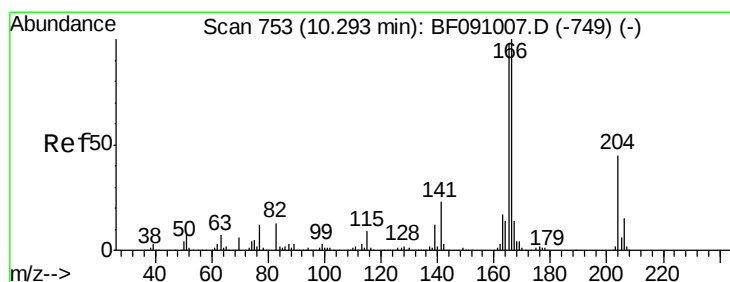
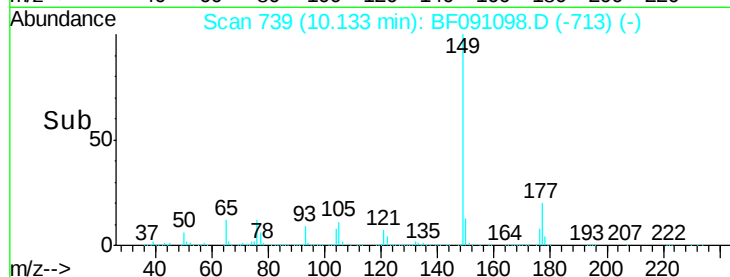
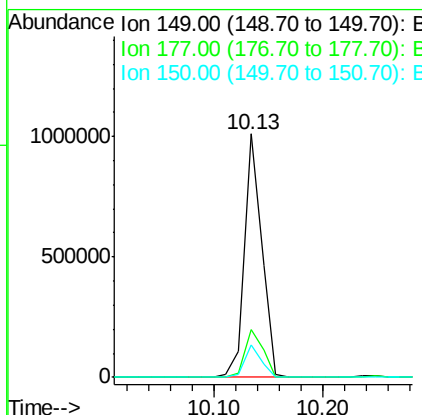
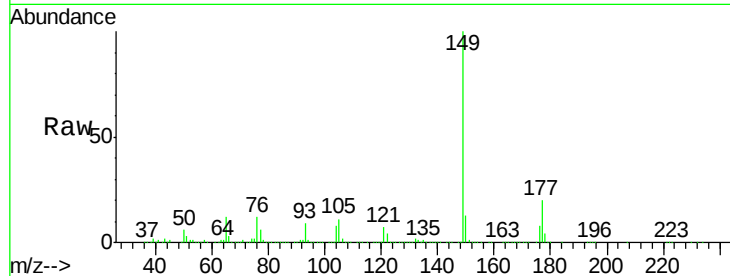
#59
Diethylphthalate
Concen: 41.22 ng
RT: 10.13 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion:149 Resp: 1112007
Ion Ratio Lower Upper
149 100
177 19.8 17.3 25.9
150 13.1 10.3 15.5

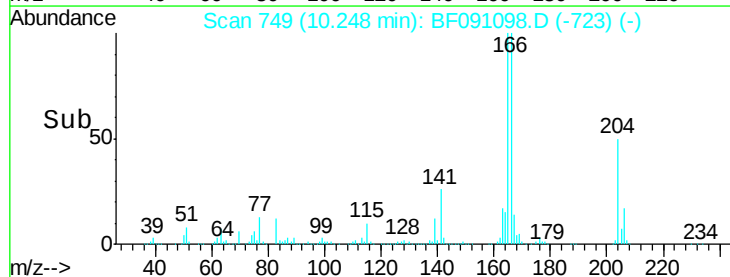
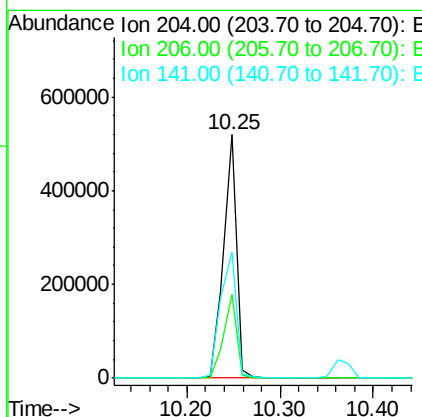
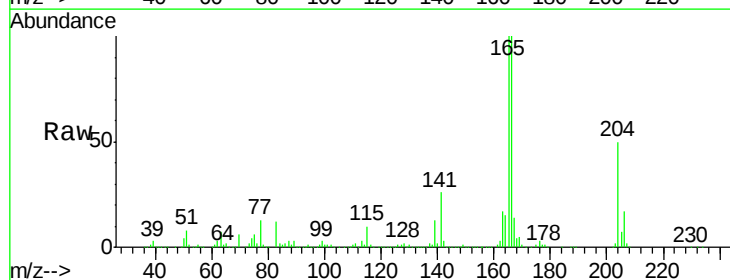
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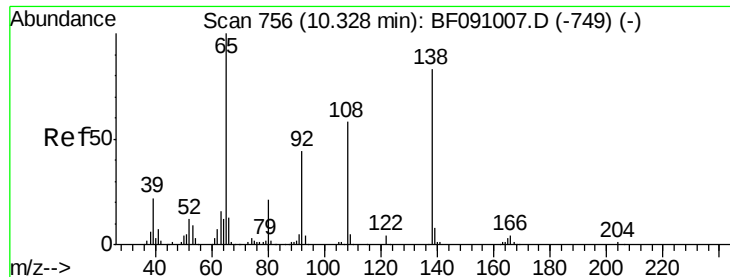
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#60
4-Chlorophenyl-phenylether
Concen: 46.15 ng
RT: 10.25 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion:204 Resp: 502945
Ion Ratio Lower Upper
204 100
206 34.1 27.1 40.7
141 51.8 40.1 60.1





#61

4-Nitroaniline

Concen: 35.78 ng

RT: 10.28 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

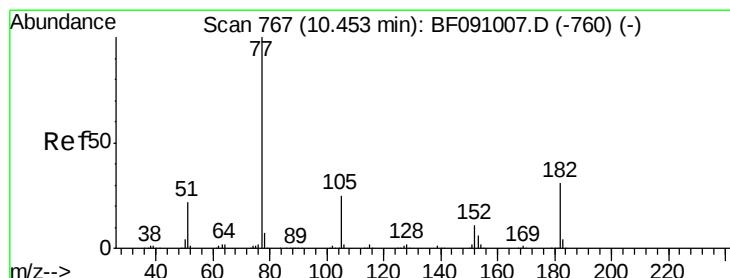
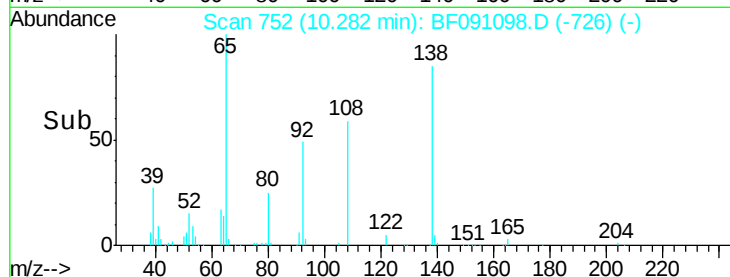
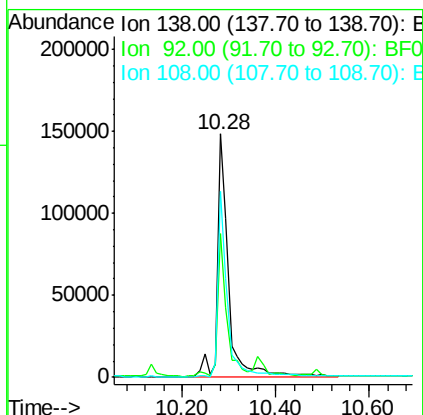
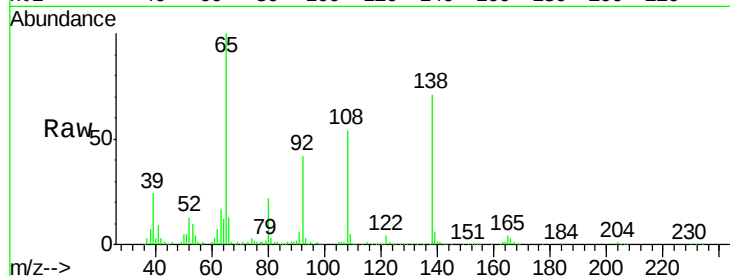
ClientSampleId :

V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.9	32.5	72.5
108	76.4	49.4	89.4

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#62

Azobenzene

Concen: 43.62 ng

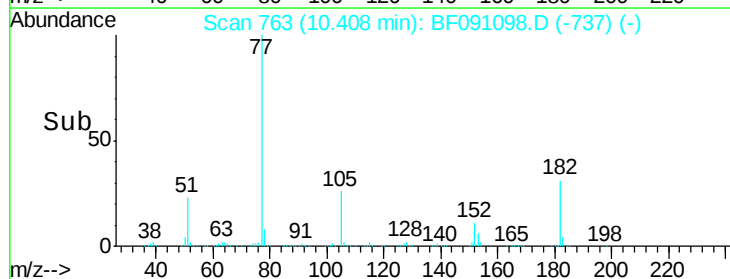
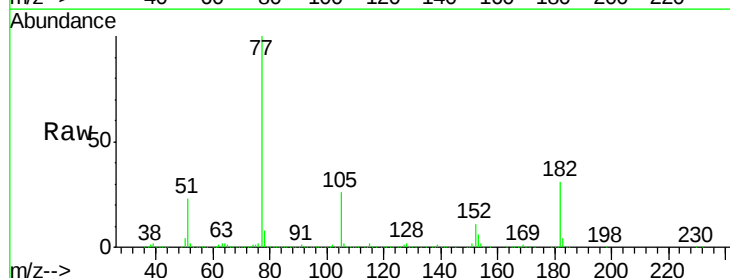
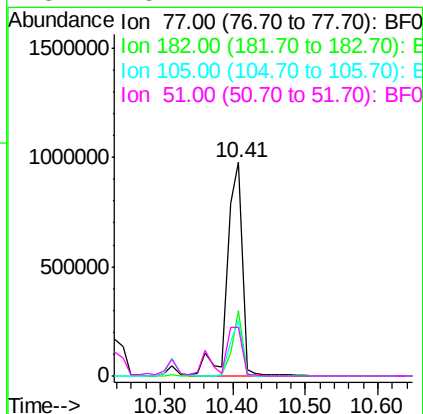
RT: 10.41 min Scan# 763

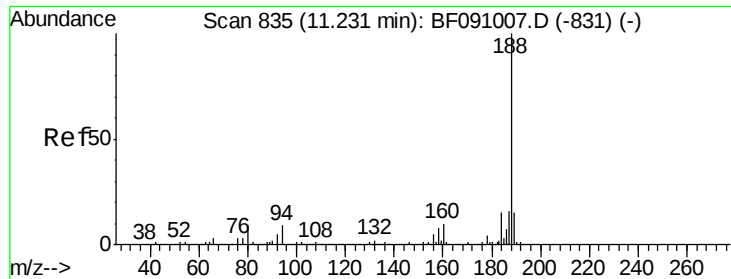
Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.8	11.0	51.0
105	26.0	5.6	45.6
51	23.1	2.7	42.7





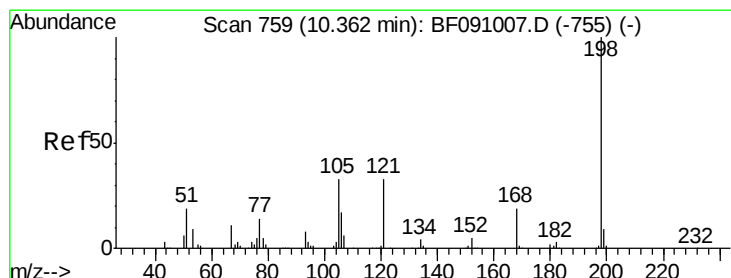
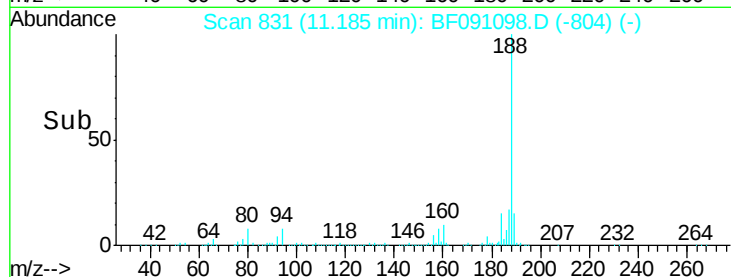
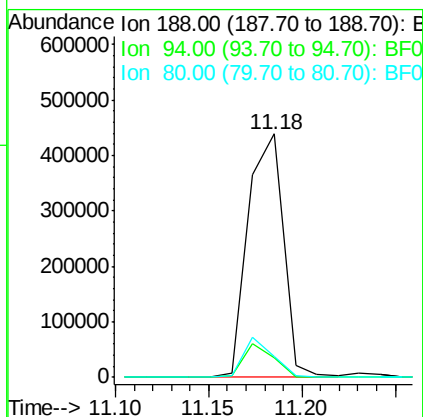
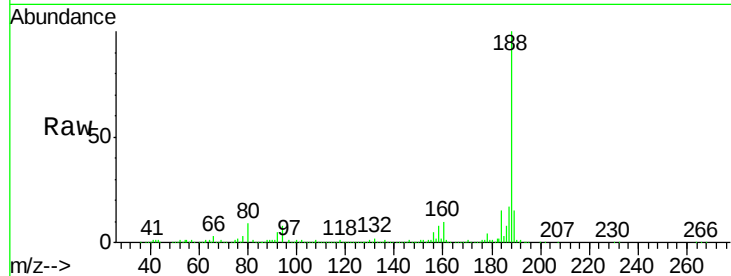
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	578637		
94	8.2		7.0	10.4
80	8.5		7.5	11.3

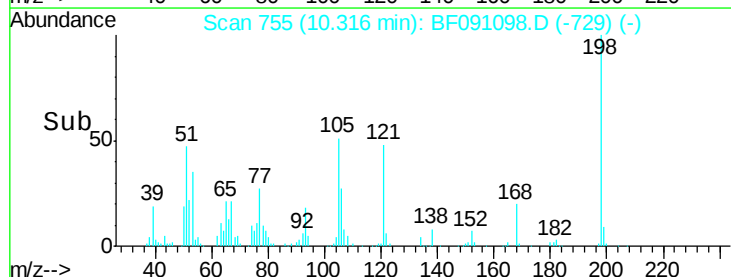
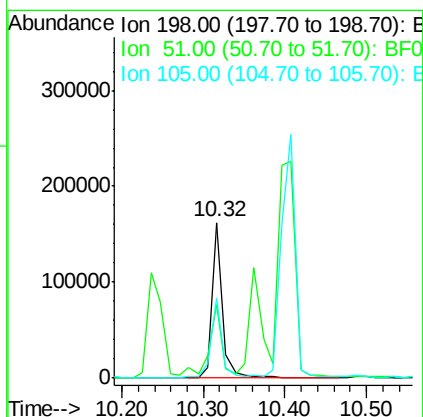
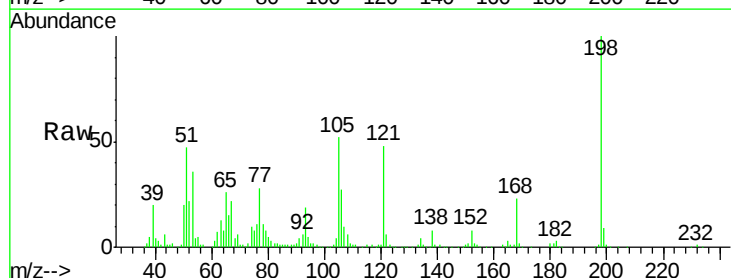
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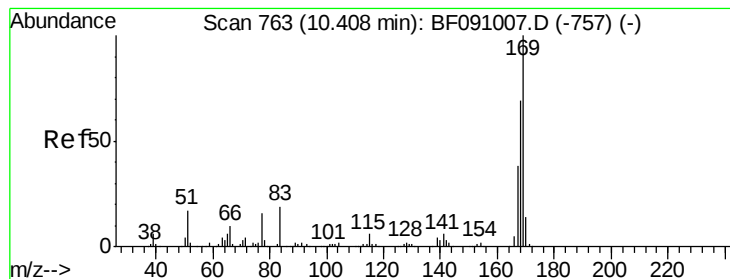
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.46 ng
RT: 10.32 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	146909		
51	47.2		5.9	45.9#
105	51.5		13.8	53.8





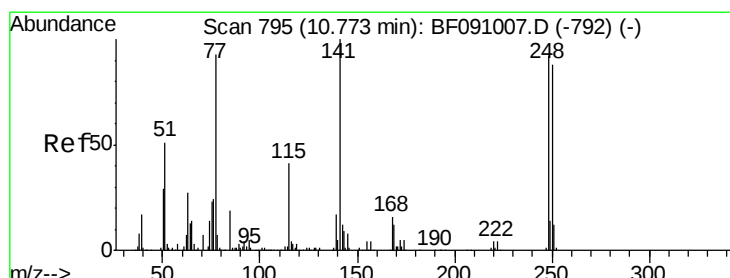
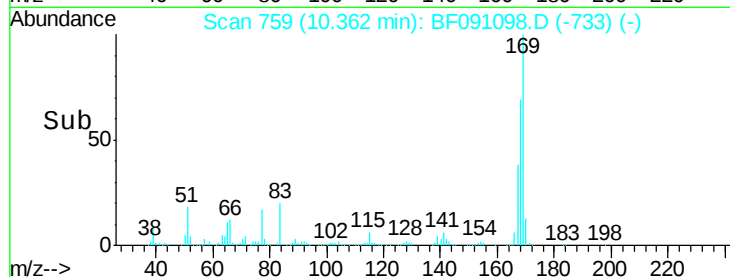
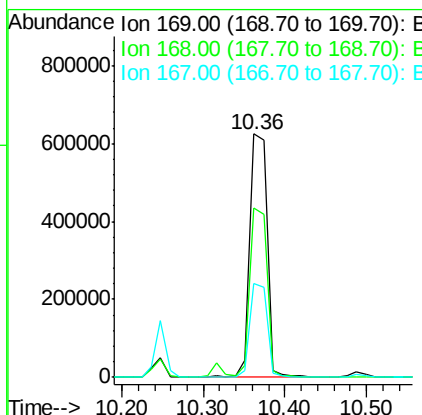
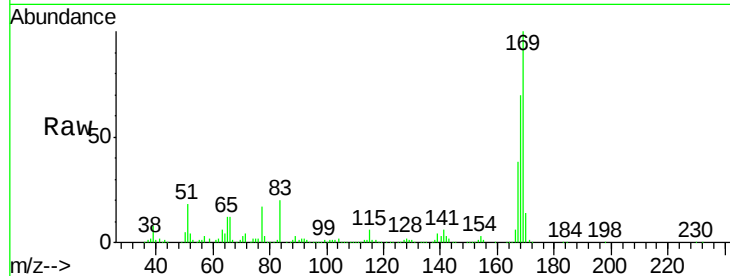
#65
n-Nitrosodiphenylamine
Concen: 49.26 ng
RT: 10.36 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	906012		
168	69.8		55.3	82.9
167	38.4		30.3	45.5

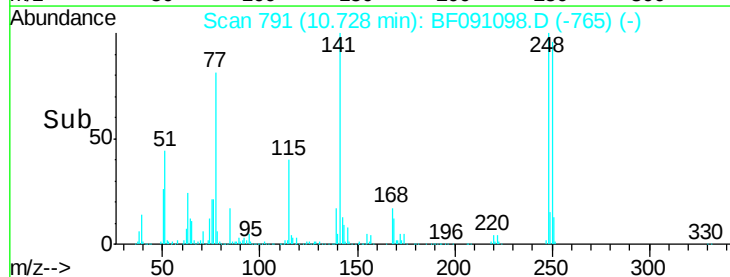
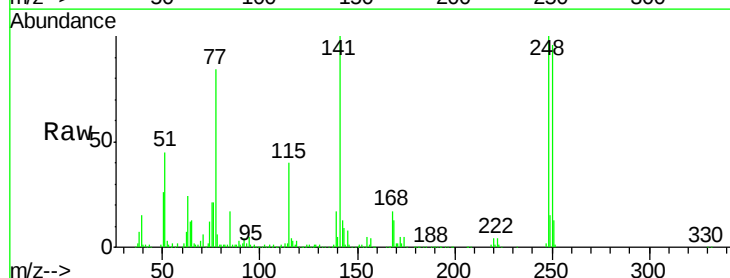
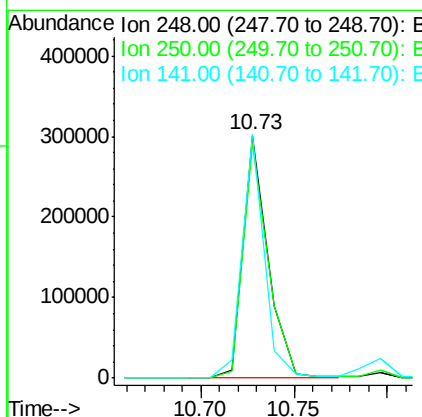
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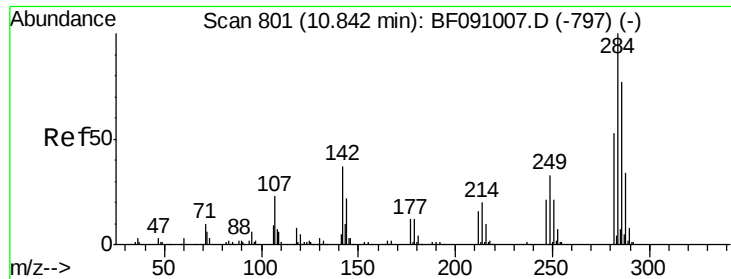
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#66
4-Bromophenyl-phenylether
Concen: 46.52 ng
RT: 10.73 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	279963		
250	96.6		76.3	114.5
141	100.4		86.8	130.2





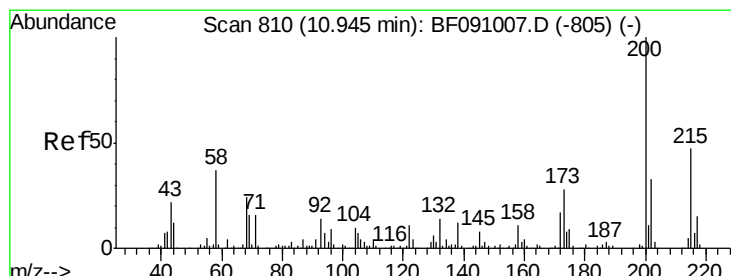
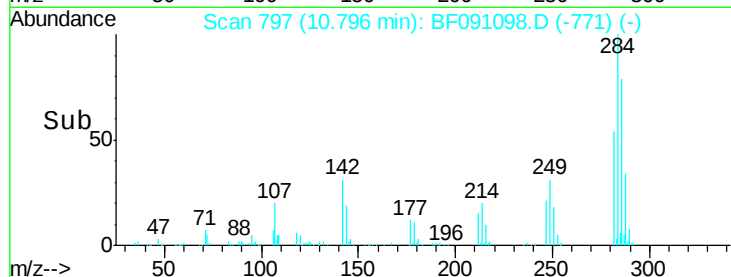
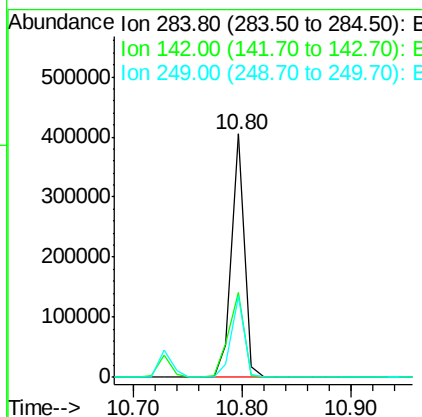
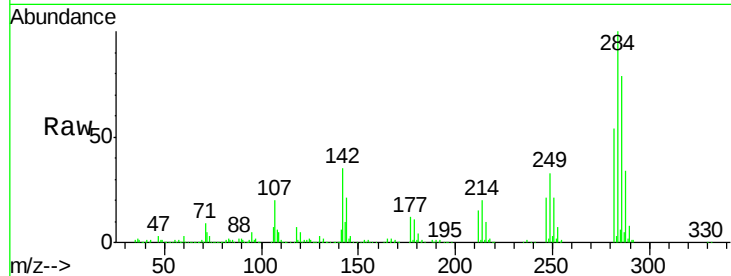
#67
Hexachlorobenzene
Concen: 49.95 ng
RT: 10.80 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	34.7	29.9	44.9	
249	33.3	26.6	39.8	

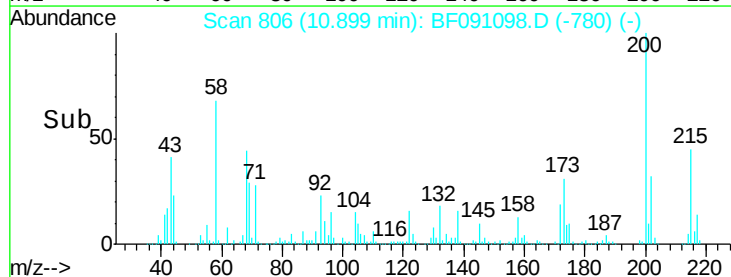
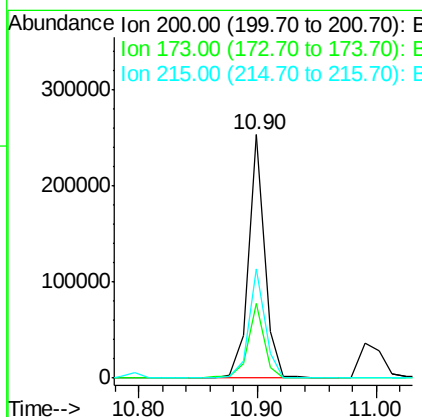
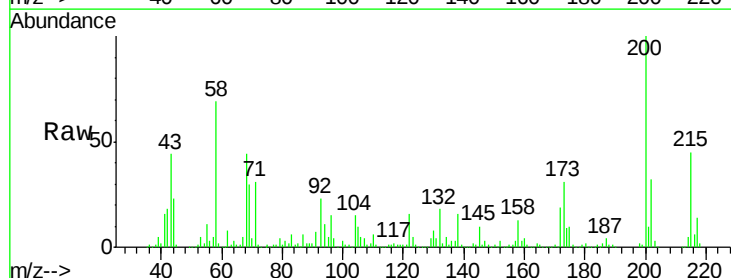
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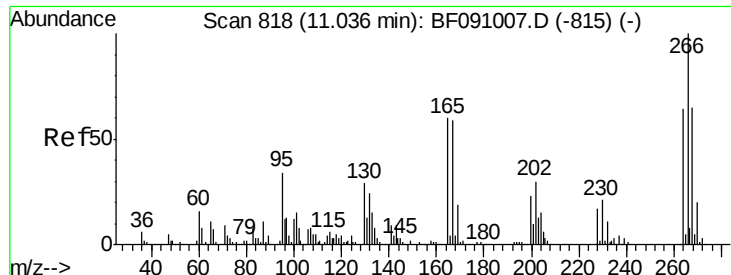
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#68
Atrazine
Concen: 45.83 ng
RT: 10.90 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	30.6	8.1	48.1	
215	44.7	27.3	67.3	





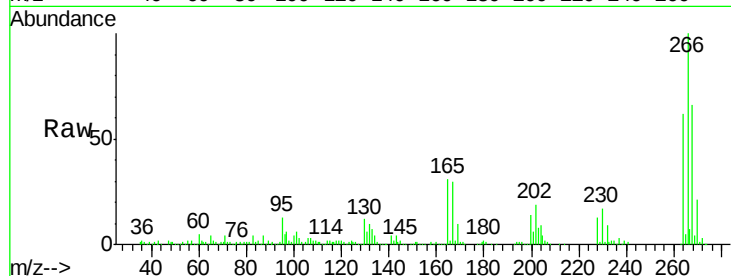
#69
 Pentachlorophenol
 Concen: 91.59 ng
 RT: 11.00 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

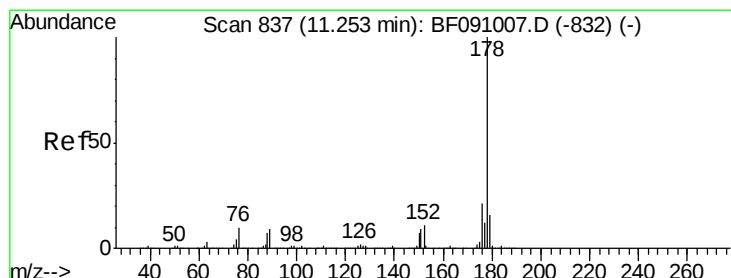
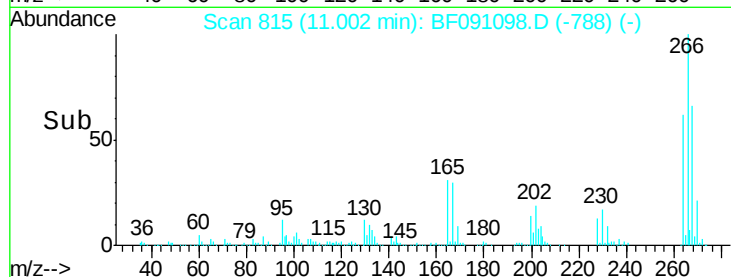
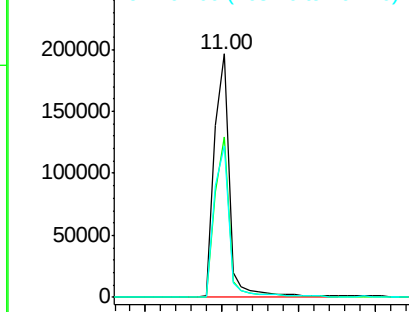
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.1	78.1
264	62.1	51.1	76.7

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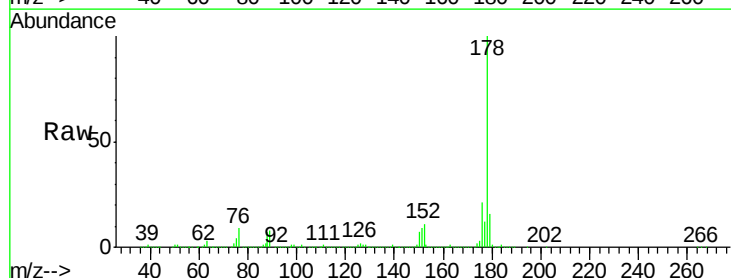


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

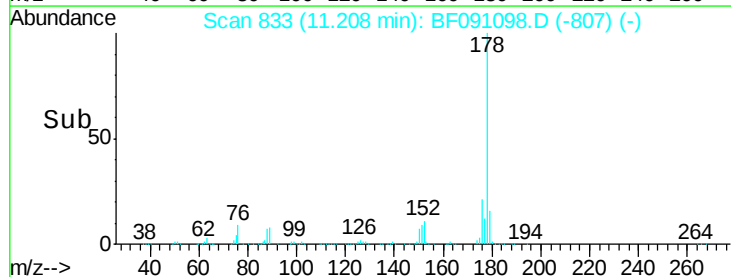
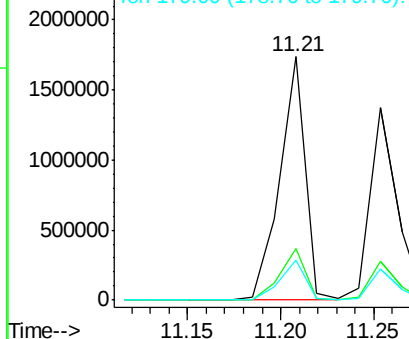


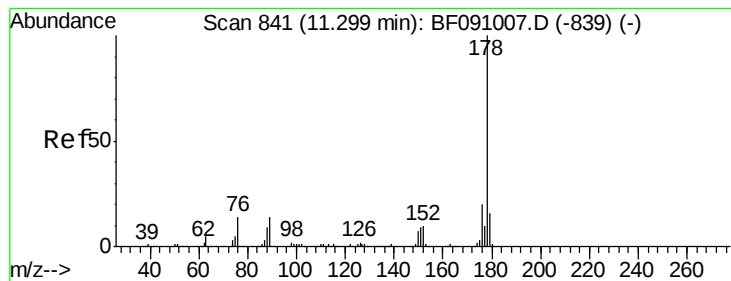
#70
 Phenanthrene
 Concen: 53.63 ng
 RT: 11.21 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	25.0
179	16.3	12.9	19.3



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.54 ng

RT: 11.25 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:178 Resp: 1391229

Ion Ratio Lower Upper

178 100

176 20.4 16.0 24.0

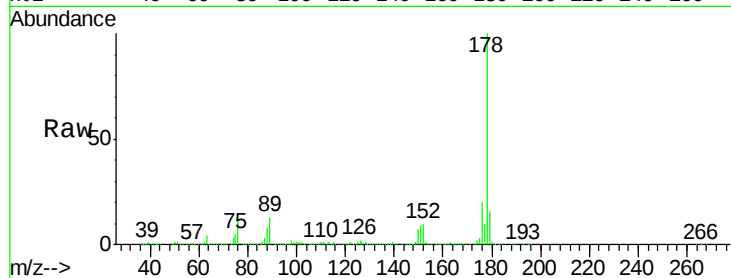
179 16.5 13.0 19.6

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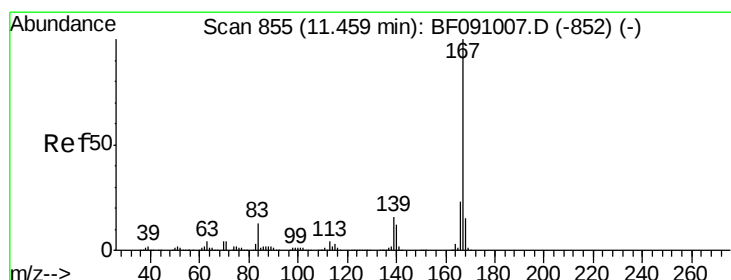
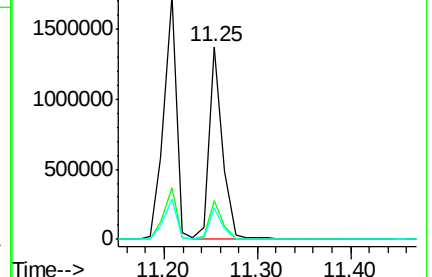
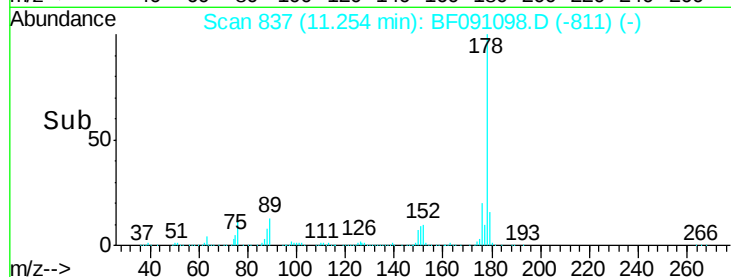
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.05 ng

RT: 11.41 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

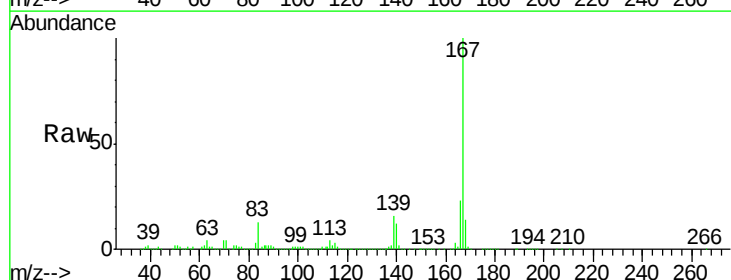
Tgt Ion:167 Resp: 1180348

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

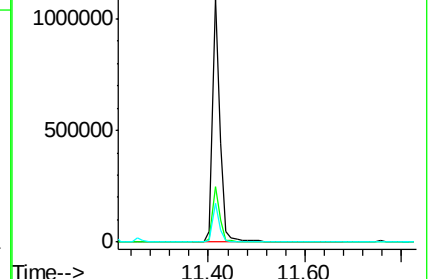
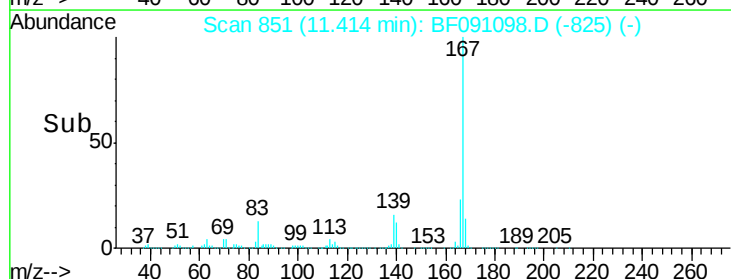
139 16.1 12.6 18.8

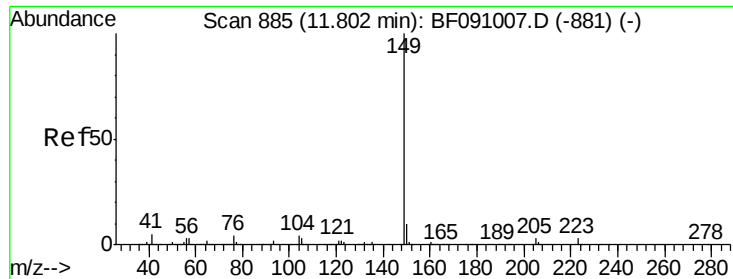


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.09 ng

RT: 11.76 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

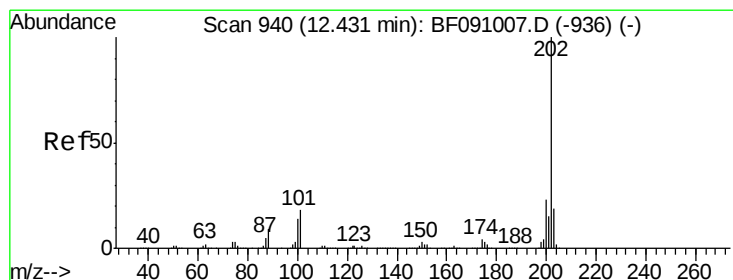
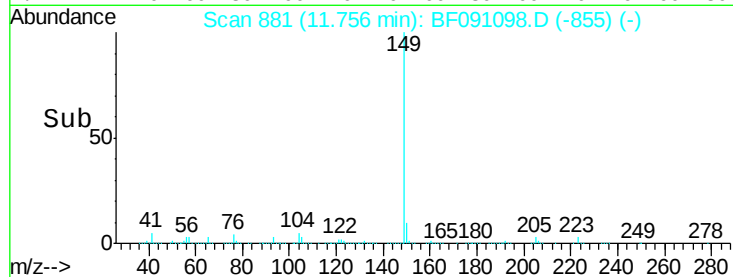
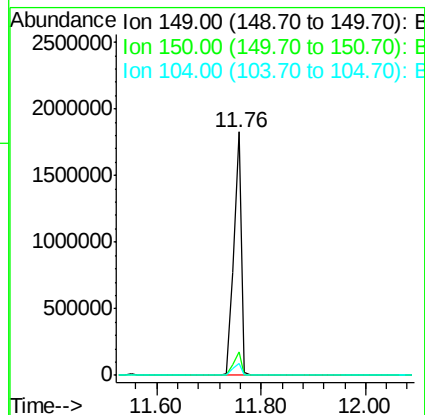
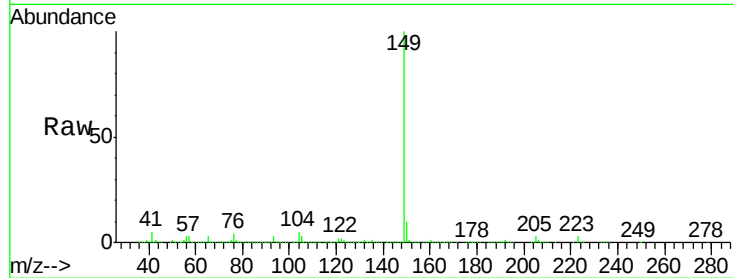
V001-BF014-01MS

Tot Ion:149 Resp: 1819430

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.8	3.6	5.4

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#74

Fluoranthene

Concen: 43.61 ng

RT: 12.39 min Scan# 936

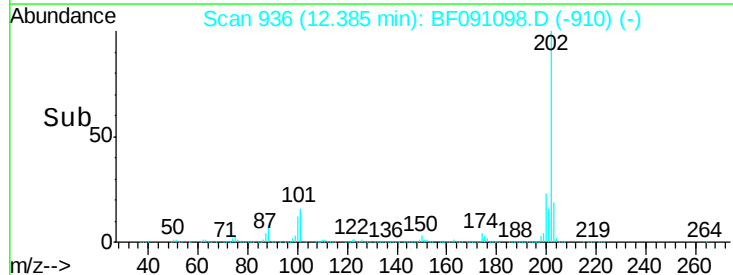
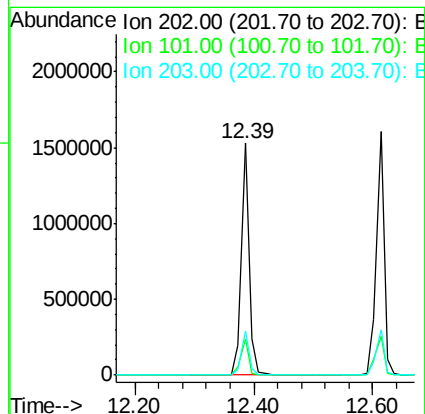
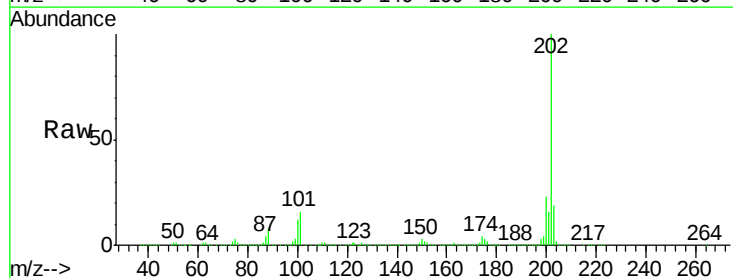
Delta R.T. 0.00 min

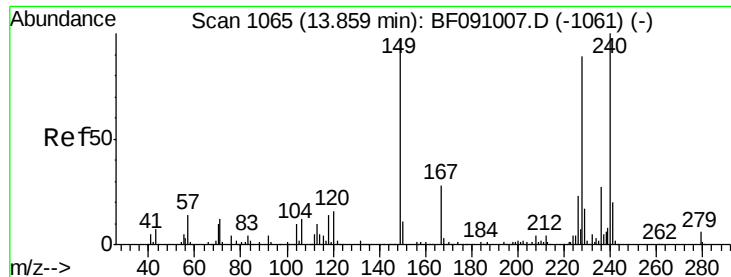
Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:202 Resp: 1391150

Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	37.6
203	18.9	0.0	38.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

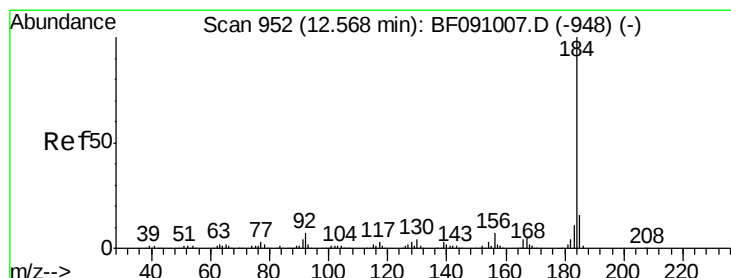
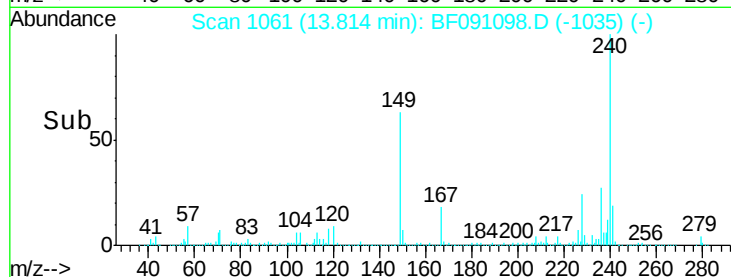
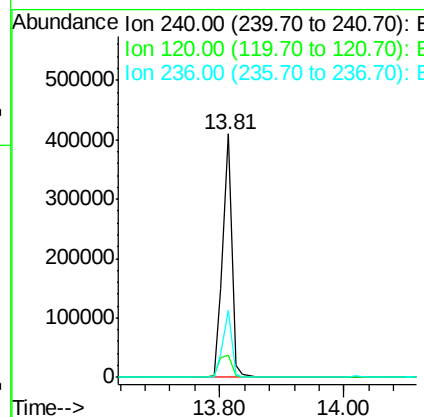
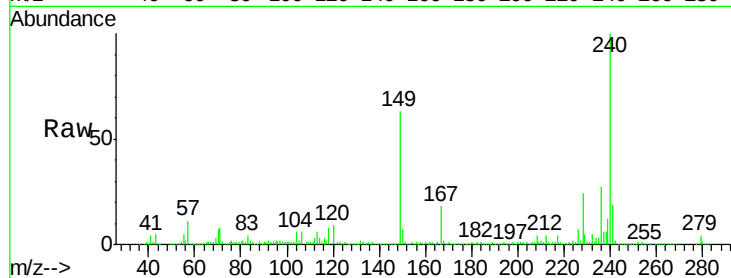
ClientSampleId :

V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	27.4	21.9	32.9

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#76

Benzidine

Concen: 38.52 ng

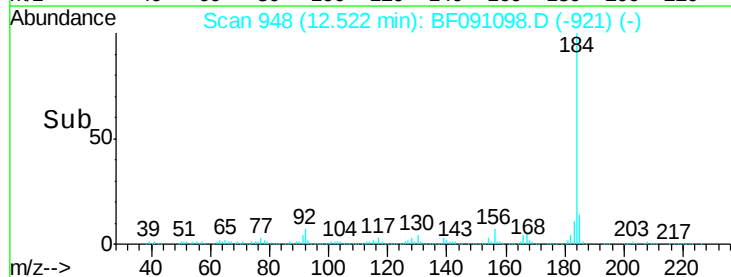
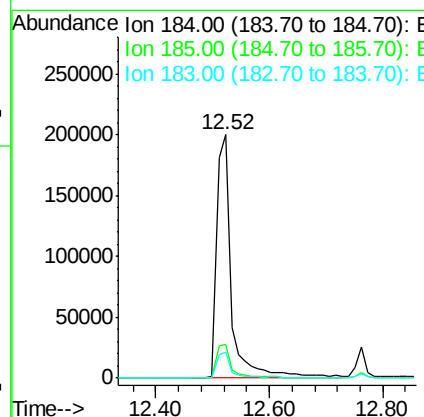
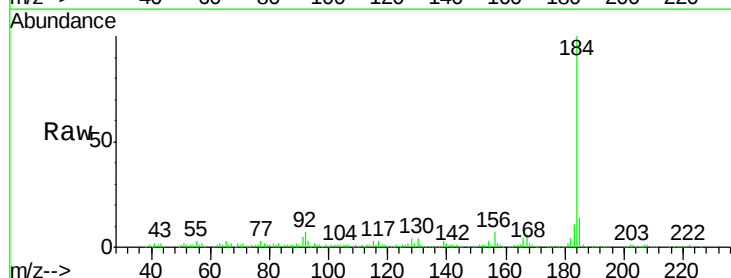
RT: 12.52 min Scan# 948

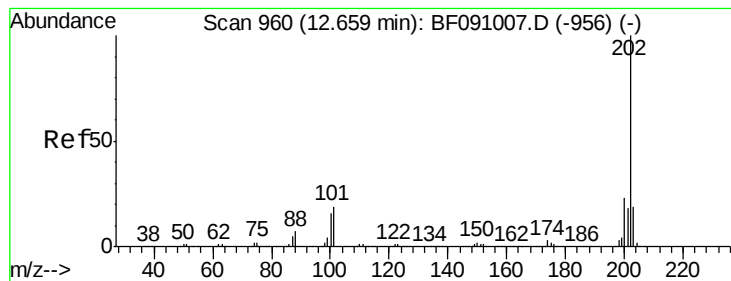
Delta R.T. 0.01 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	13.0	19.4
183	10.9	8.7	13.1





#77

Pvrene

Concen: 53.35 ng

RT: 12.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:202 Resp: 1439534

Ion Ratio Lower Upper

202 100

200 22.9 18.4 27.6

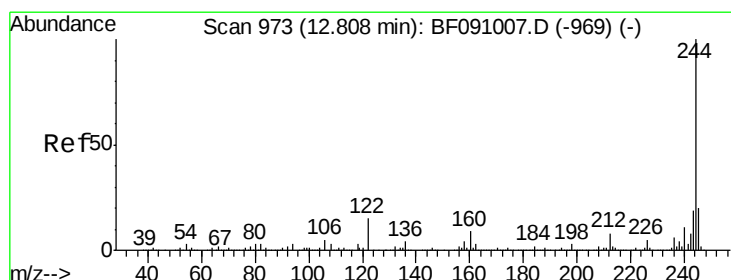
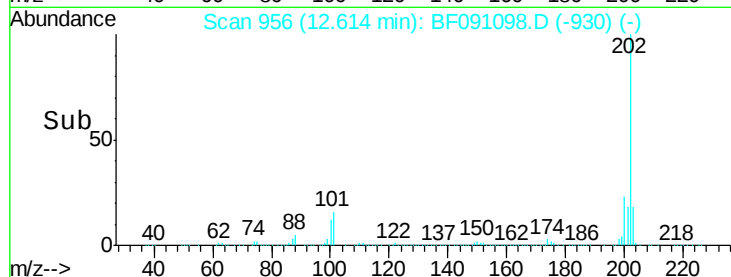
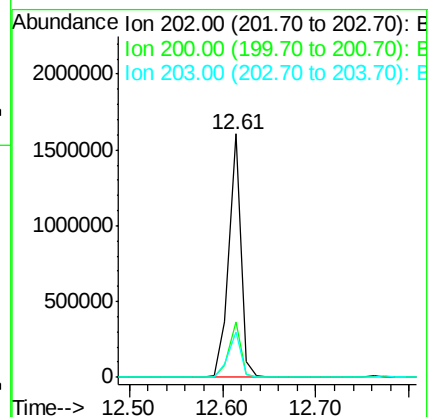
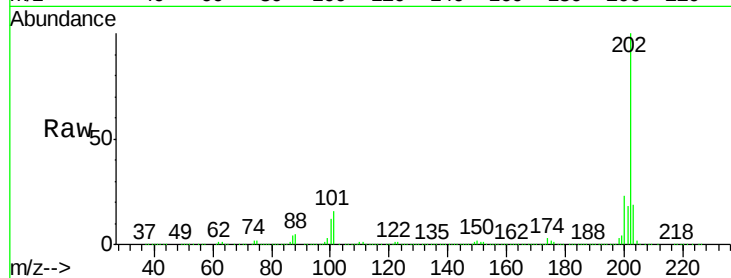
203 18.6 15.0 22.6

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#78

Terphenyl-d14

Concen: 95.05 ng

RT: 12.76 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

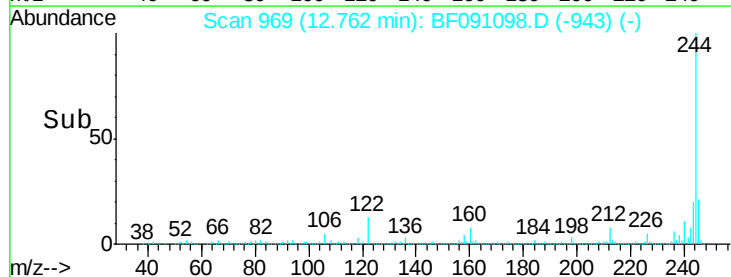
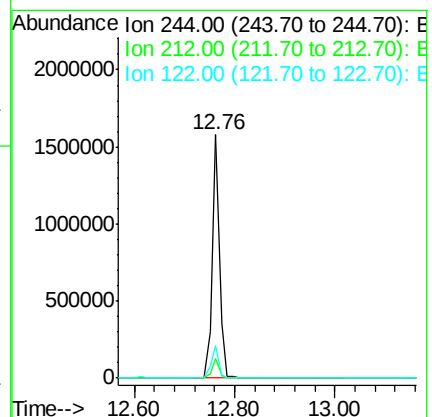
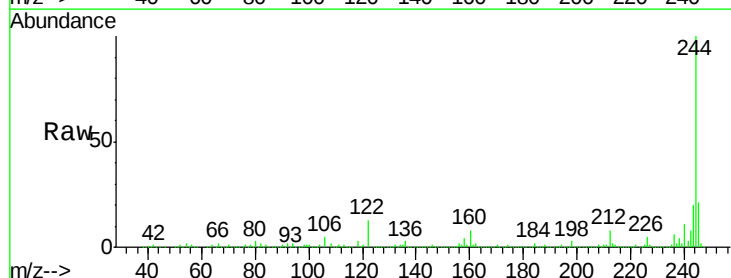
Tgt Ion:244 Resp: 1569427

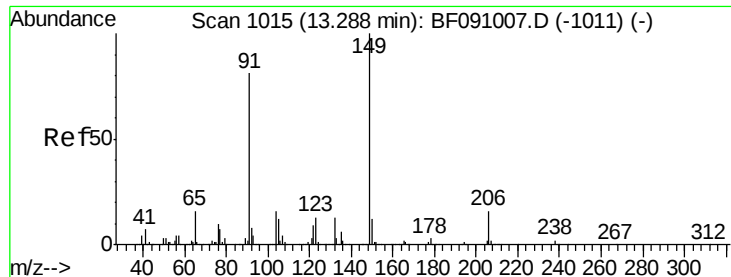
Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

122 13.2 12.3 18.5





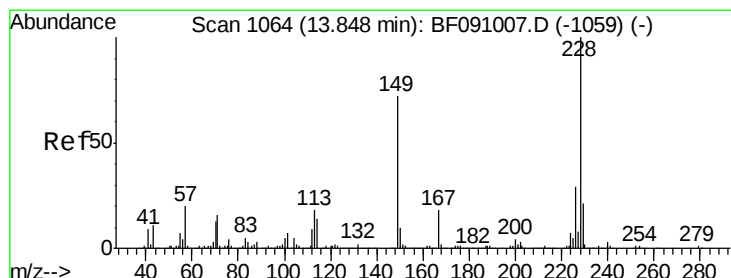
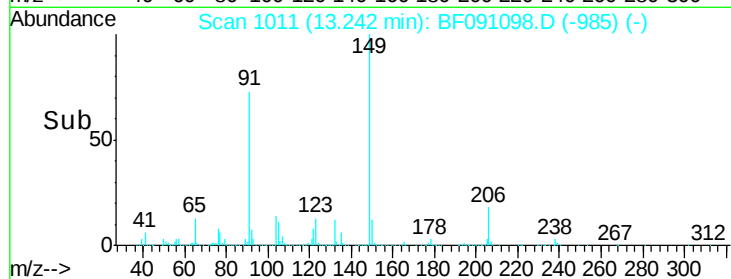
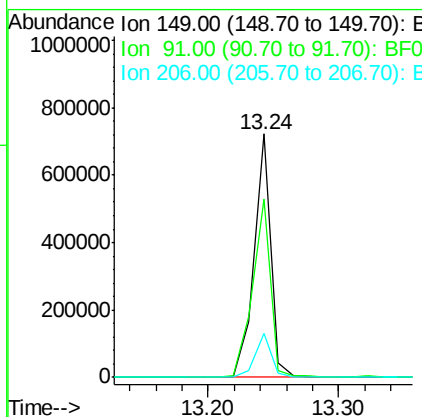
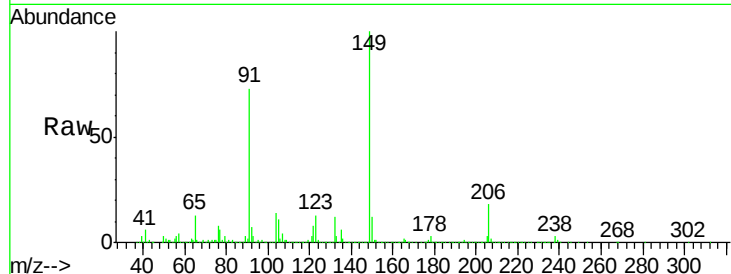
#79
Butylbenzylphthalate
Concen: 49.63 ng
RT: 13.24 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion:	149	Resp:	640515
Ion Ratio	Lower	Upper	
149	100		
91	73.2	65.0	97.4
206	17.8	12.5	18.7

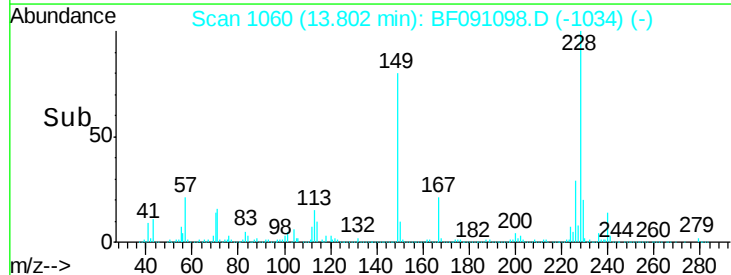
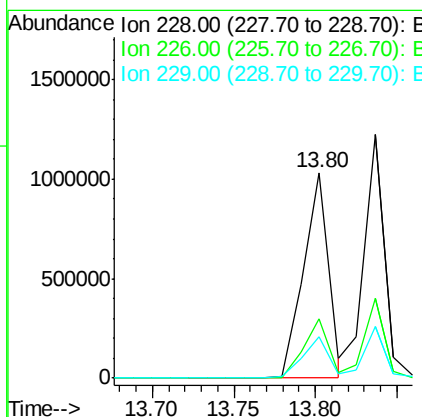
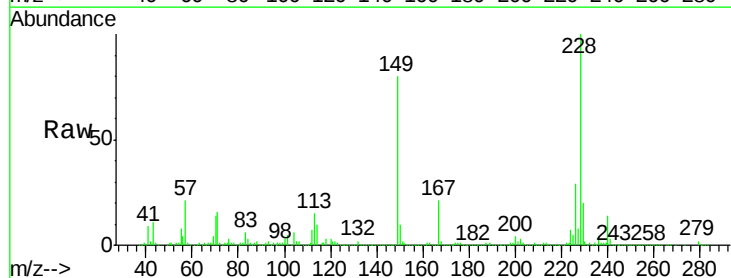
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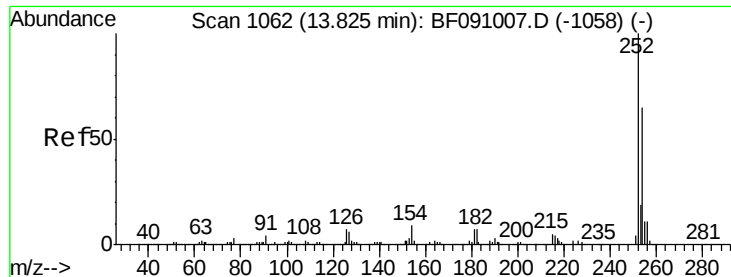
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#80
Benzo(a)anthracene
Concen: 47.37 ng
RT: 13.80 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion:	228	Resp:	1108042
Ion Ratio	Lower	Upper	
228	100		
226	28.7	23.0	34.6
229	20.4	16.6	24.8





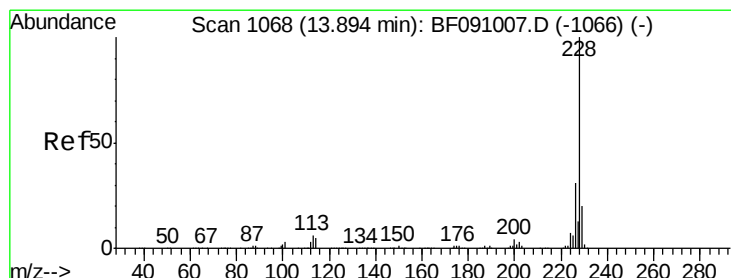
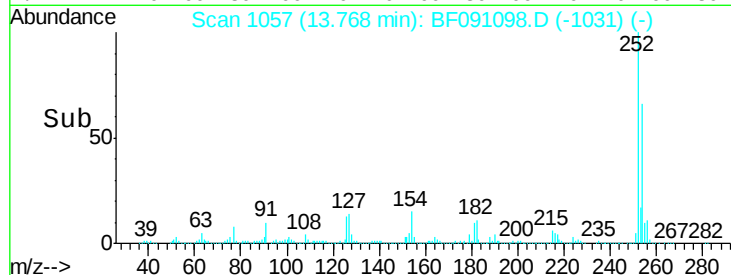
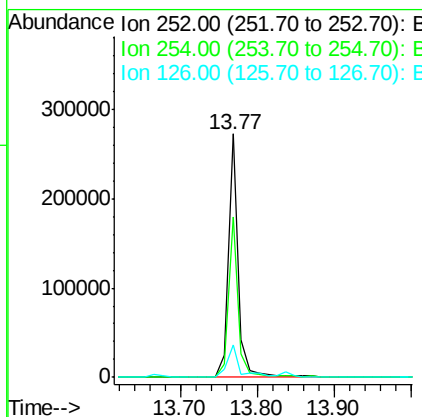
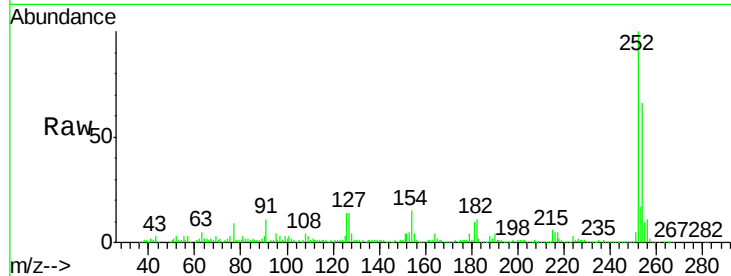
#81
 3,3'-Dichlorobenzidine
 Concen: 30.65 ng
 RT: 13.77 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.0	78.0
126	13.5	5.4	8.2

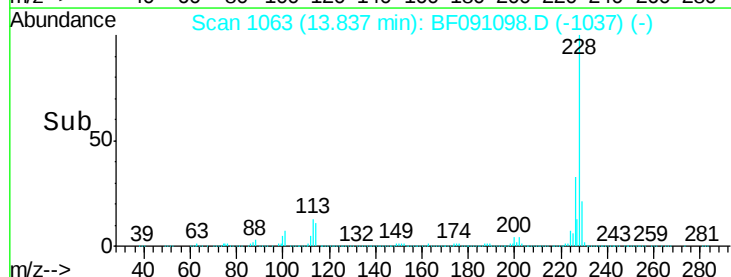
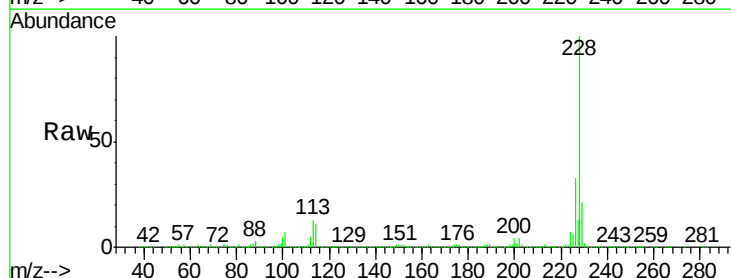
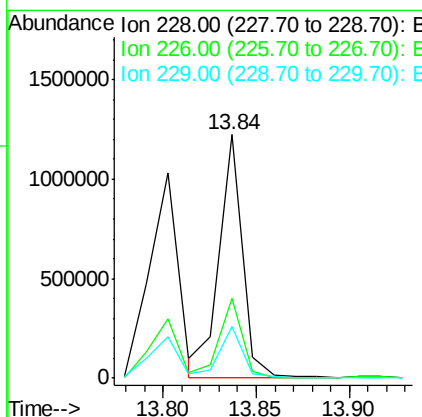
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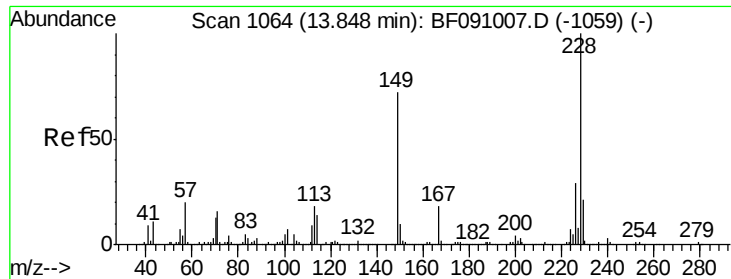
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#82
 Chrysene
 Concen: 45.98 ng
 RT: 13.84 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	21.0	15.9	23.9





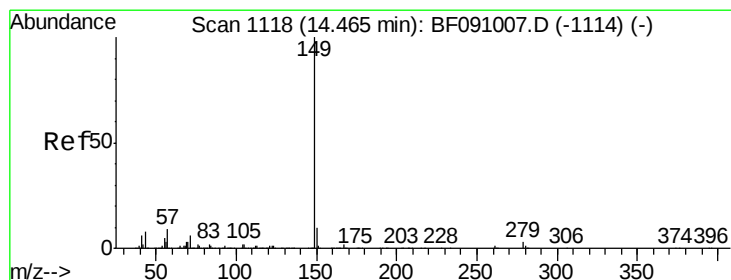
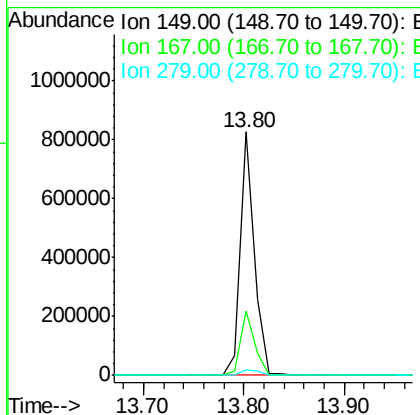
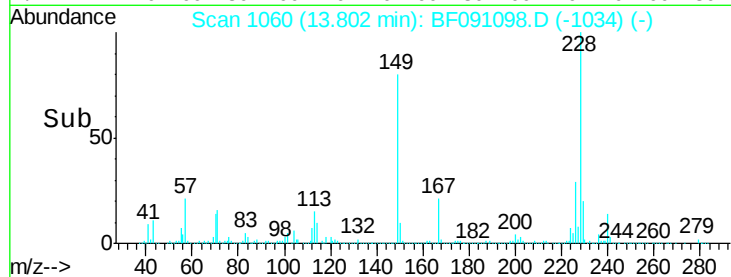
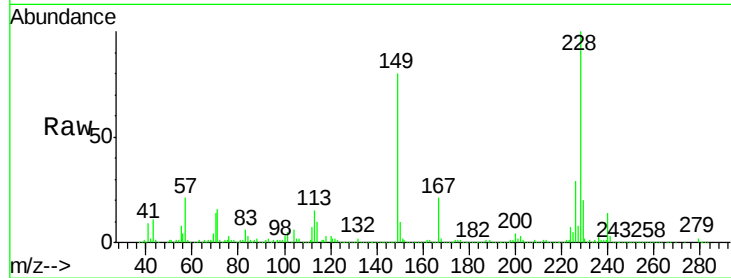
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.57 ng
 RT: 13.80 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	795925		
167	26.3		20.4	30.6
279	2.5		1.6	2.4#

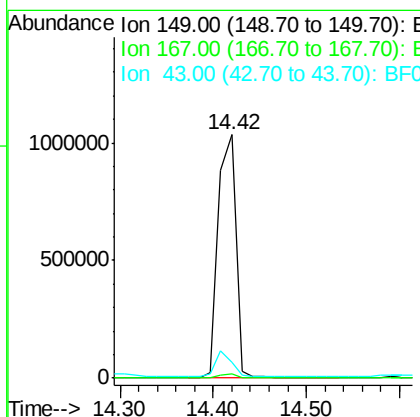
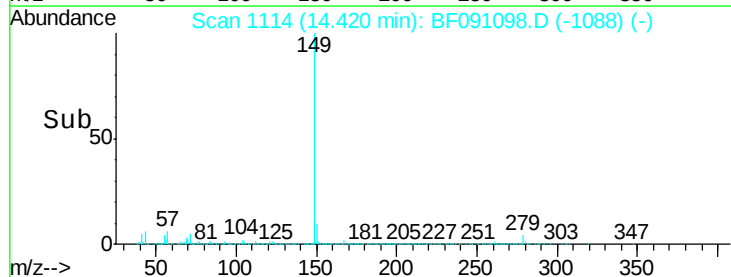
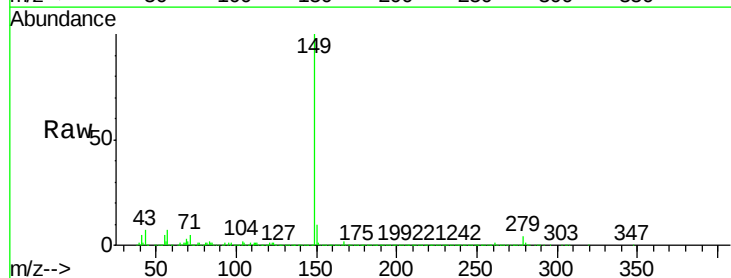
Manual Integrations
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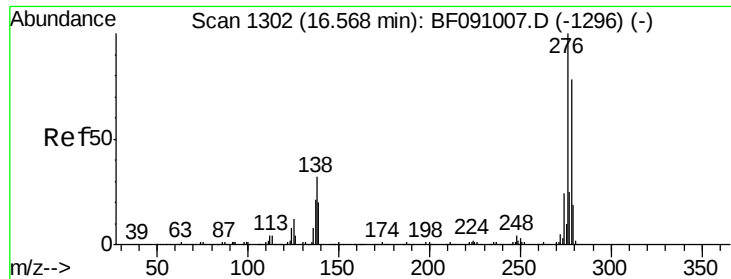
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#84
 Di-n-octyl phthalate
 Concen: 47.10 ng
 RT: 14.42 min Scan# 1114
 Delta R.T. 0.00 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1352517		
167	1.6		1.2	1.8
43	9.0		8.2	12.4





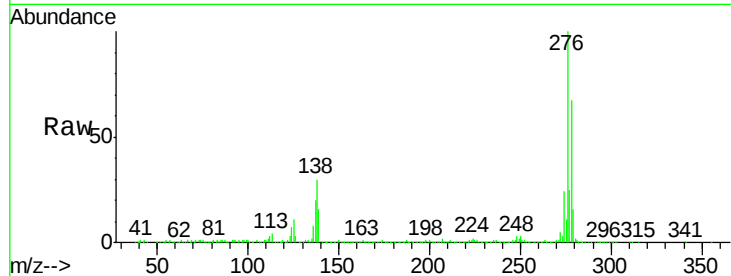
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.80 ng
RT: 16.48 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

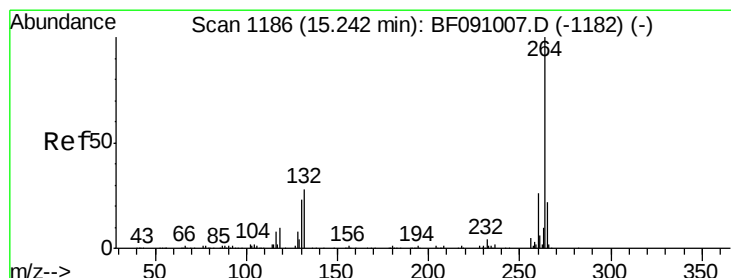
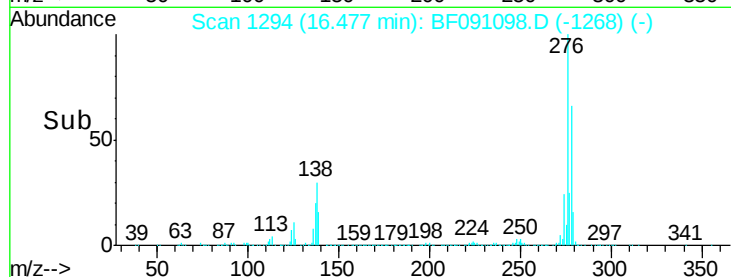
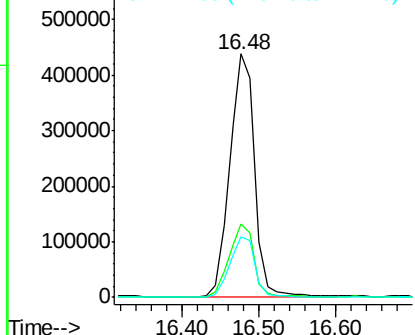
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.0	39.0
277	25.0	20.1	30.1

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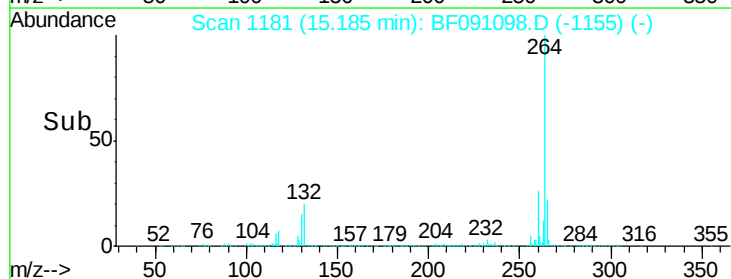
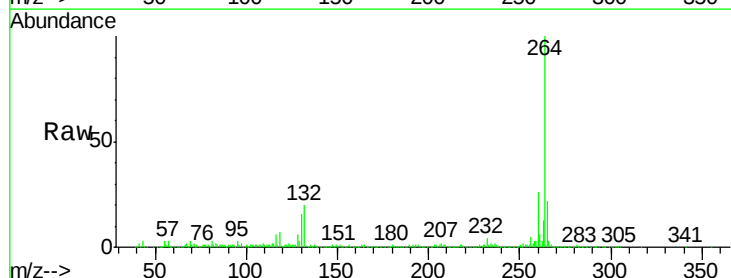
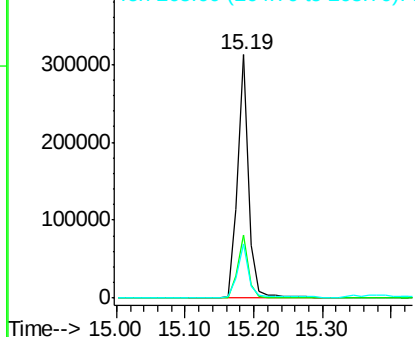
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

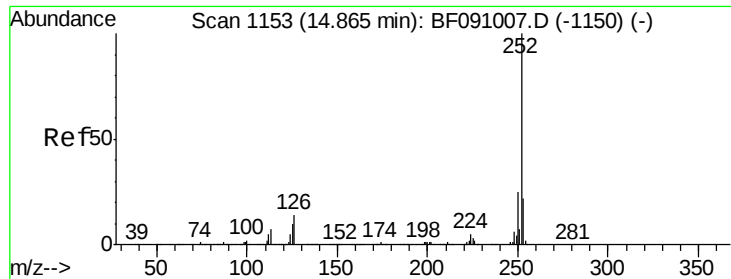


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.19 min Scan# 1181
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.6	30.8
265	22.3	17.8	26.8

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.62 ng m

RT: 14.81 min Scan# 1148

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Instrument :

BNA_F

ClientSampleId :

V001-BF014-01MS

Tot Ion:252 Resp: 1125988

Ion Ratio Lower Upper

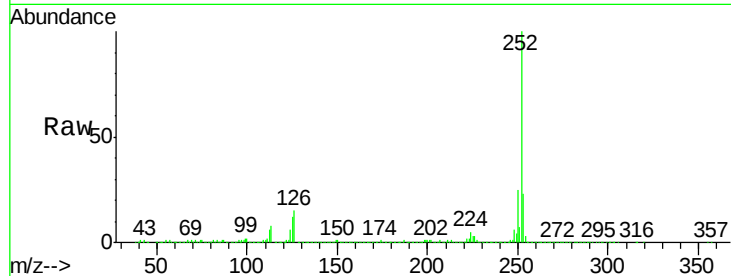
252 100

253 22.8 18.0 27.0

125 11.9 8.3 12.5

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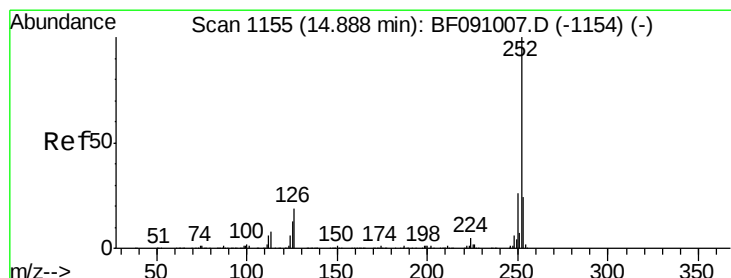
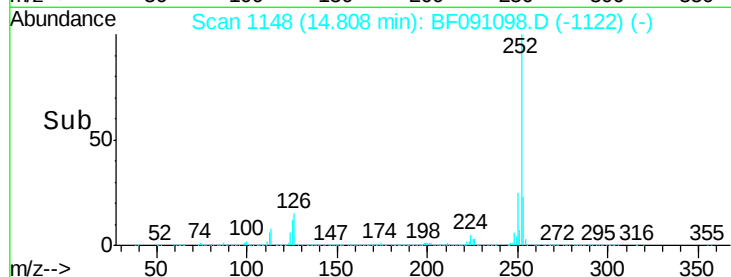
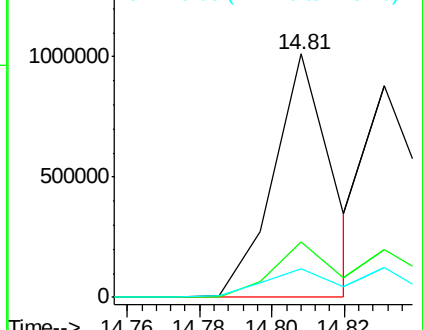
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.42 ng m

RT: 14.83 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF091098.D

Acq: 8 Nov 2016 22:39

Tgt Ion:252 Resp: 941069

Ion Ratio Lower Upper

252 100

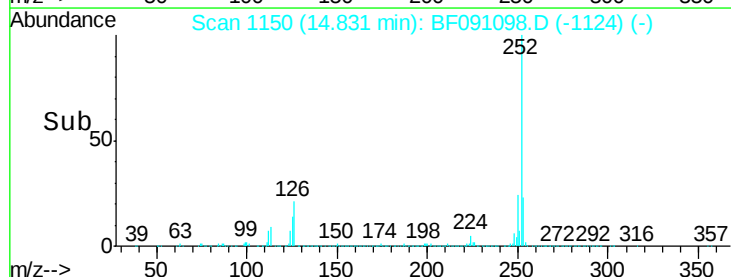
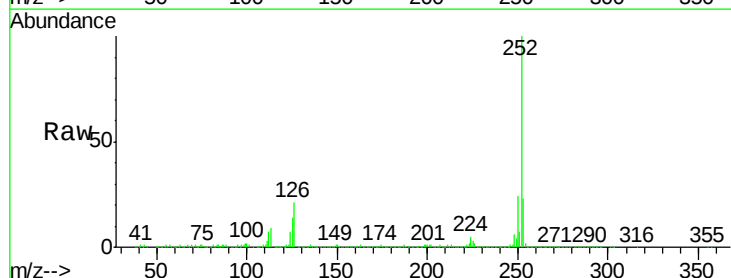
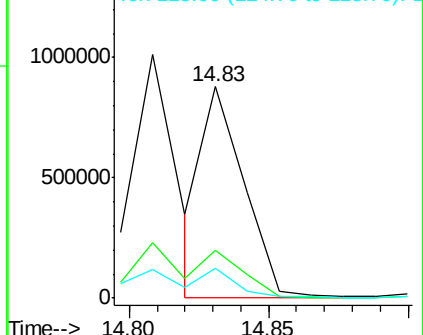
253 22.9 18.6 28.0

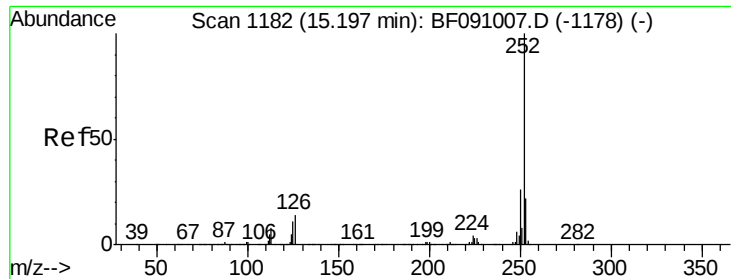
125 14.2 11.2 16.8

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





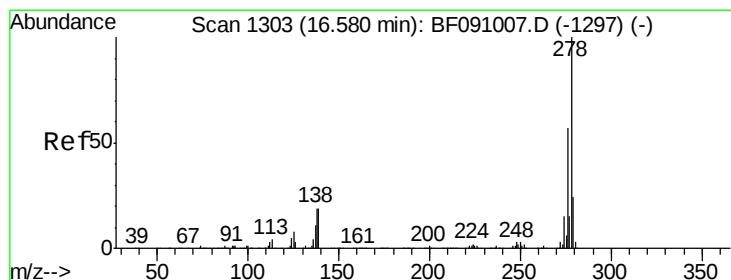
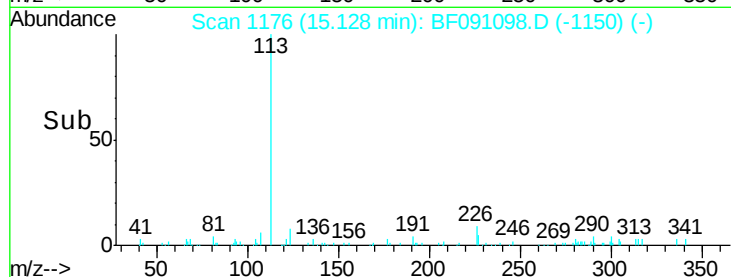
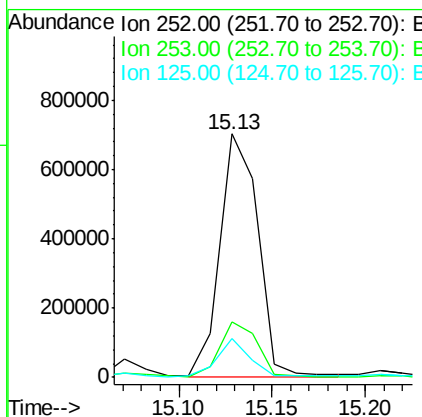
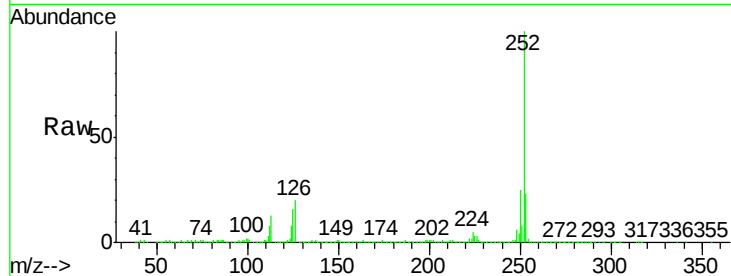
#89
Benzo(a)pyrene
Concen: 47.59 ng
RT: 15.13 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	15.9	8.6	13.0

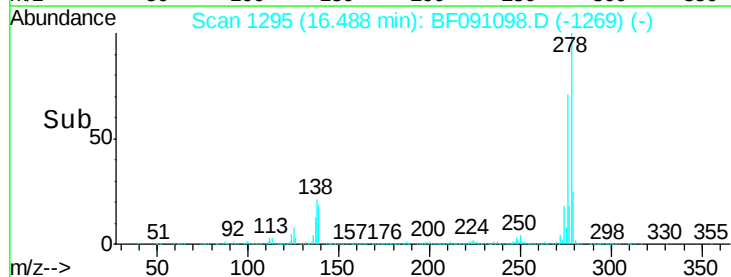
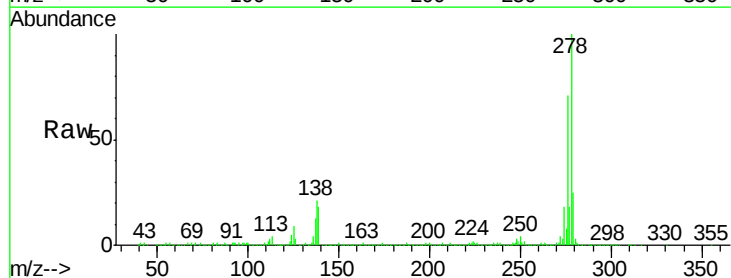
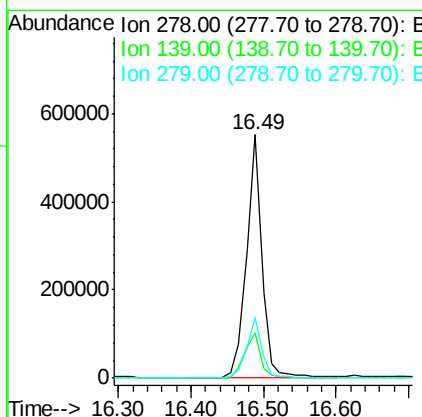
Manual Integrations
APPROVED

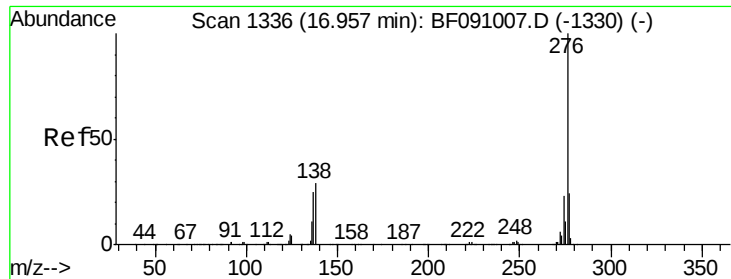
umangi
11/9/2016 10:56:53 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.23 ng
RT: 16.49 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF091098.D
Acq: 8 Nov 2016 22:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.3	22.9
279	24.7	19.3	28.9





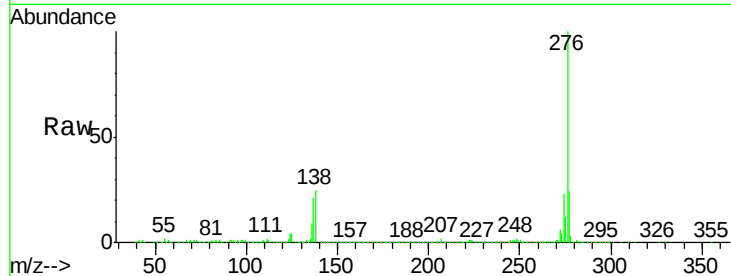
#91
 Benzo(a,h,i)perylene
 Concen: 46.96 ng
 RT: 16.87 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF091098.D
 Acq: 8 Nov 2016 22:39

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF014-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	24.8	23.3	34.9

Manual Integrations
 APPROVED

umangi
 11/9/2016 10:56:53 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

