

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091353.D
 Acq On : 30 Nov 2016 14:42
 Operator : UM/SJ
 Sample : H5760-06MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Manual Integrations
 APPROVED

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 12/1/2016 3:27:55 PM

Quant Time: Dec 01 00:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	200660	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	781410	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	440803	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	700478	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	423397	20.00	ng	-0.03
86) Perylene-d12	15.44	264	414027	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1430430	116.45	ng	0.02
7) Phenol-d6	6.50	99	1753193	115.95	ng	0.00
23) Nitrobenzene-d5	7.43	82	1169099	83.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	595287	142.65	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2313165	95.02	ng	0.00
78) Terphenyl-d14	12.97	244	2037439	104.59	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	198256	35.68	ng	# 67
3) Pyridine	3.36	79	509245	32.38	ng	88
4) n-Nitrosodimethylamine	3.30	42	349424	42.35	ng	95
6) Aniline	6.53	93	172572	8.59	ng	# 74
8) 2-Chlorophenol	6.65	128	560592	41.63	ng	86
9) Benzaldehyde	6.41	77	166988	17.17	ng	82
10) Phenol	6.52	94	772223	43.40	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	639647	50.32	ng	99
12) 1,3-Dichlorobenzene	6.80	146	575199m	38.40	ng	
13) 1,4-Dichlorobenzene	6.88	146	575595	38.63	ng	97
14) 1,2-Dichlorobenzene	7.04	146	569242	41.01	ng	93
15) Benzyl Alcohol	7.01	79	502886	41.56	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1158280	42.37	ng	71
17) 2-Methylphenol	7.12	107	447688	42.05	ng	# 76
18) Hexachloroethane	7.38	117	221911	41.94	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	435195	45.68	ng	# 81
20) 3+4-Methylphenols	7.28	107	563348	43.35	ng	# 50
22) Acetophenone	7.28	105	811506	43.82	ng	# 87
24) Nitrobenzene	7.45	77	672188	47.09	ng	# 80
25) Isophorone	7.69	82	1167119	47.25	ng	98
26) 2-Nitrophenol	7.76	139	284391	43.71	ng	98
27) 2,4-Dimethylphenol	7.81	122	546964	44.94	ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	699647	47.05	ng	99
29) 2,4-Dichlorophenol	8.01	162	485088	45.31	ng	90
30) 1,2,4-Trichlorobenzene	8.09	180	532090	44.33	ng	98
31) Naphthalene	8.17	128	1631369	43.93	ng	100
32) Benzoic acid	7.92	122	253457	28.25	ng	# 84
33) 4-Chloroaniline	8.23	127	54104	3.41	ng	96
34) Hexachlorobutadiene	8.30	225	317163	42.97	ng	99
35) Caprolactam	8.60	113	136048m	44.21	ng	
36) 4-Chloro-3-methylphenol	8.71	107	539519	46.68	ng	86
37) 2-Methylnaphthalene	8.86	142	1125550	44.61	ng	93
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	500143	40.25	ng	99
40) Hexachlorocyclopentadiene	9.02	237	493380	85.66	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	372171	46.08	nq	97
43) 2,4,5-Trichlorophenol	9.19	196	378925m	46.82	nq	
45) 1,1'-Biphenyl	9.33	154	1279467	40.37	nq	97
46) 2-Chloronaphthalene	9.35	162	968064	41.01	nq	98
47) 2-Nitroaniline	9.44	65	330383	38.97	nq	# 78
48) Acenaphthylene	9.77	152	1621521	43.64	nq	99
49) Dimethylphthalate	9.64	163	1287912	48.25	nq	98
50) 2,6-Dinitrotoluene	9.69	165	306992	51.46	nq	# 72
51) Acenaphthene	9.94	154	1110171	44.29	nq	96
52) 3-Nitroaniline	9.85	138	77168	11.18	nq	94
53) 2,4-Dinitrophenol	9.96	184	122790	47.07	nq	# 72
54) Dibenzofuran	10.12	168	1565451	46.65	nq	91
55) 4-Nitrophenol	10.02	139	422587	84.73	nq	# 63
56) 2,4-Dinitrotoluene	10.09	165	384226	49.65	nq	# 72
57) Fluorene	10.46	166	1140602	44.27	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	330670	47.85	nq	96
59) Diethylphthalate	10.33	149	1184298	44.95	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	530938	41.09	nq	# 89
61) 4-Nitroaniline	10.47	138	235150	36.27	nq	88
62) Azobenzene	10.61	77	1324299	49.26	nq	92
64) 4,6-Dinitro-2-methylphenol	10.49	198	125765	32.59	nq	94
65) n-Nitrosodiphenylamine	10.56	169	966990	45.53	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	381658	50.69	nq	# 81
67) Hexachlorobenzene	11.00	284	372909	45.84	nq	# 77
68) Atrazine	11.10	200	363763	52.89	nq	92
69) Pentachlorophenol	11.19	266	359410	75.04	nq	95
70) Phenanthrene	11.41	178	1620198	44.51	nq	100
71) Anthracene	11.46	178	1713961	47.45	nq	99
72) Carbazole	11.61	167	1364920	41.64	nq	99
73) Di-n-butylphthalate	11.96	149	1865661	50.22	nq	100
74) Fluoranthene	12.60	202	1662290	48.21	nq	99
76) Benzdine	12.71	184	84371	6.79	nq	97
77) Pyrene	12.83	202	1687913	52.53	nq	99
79) Butylbenzylphthalate	13.44	149	675912	56.18	nq	86
80) Benzo(a)anthracene	14.00	228	1234364	49.85	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	169278	19.41	nq	# 98
82) Chrysene	14.05	228	1294688	52.85	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	893121	58.56	nq	# 92
84) Di-n-octyl phthalate	14.62	149	1366390	59.21	nq	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1247188	55.59	nq	95
87) Benzo(b)fluoranthene	15.04	252	1280504m	49.76	nq	
88) Benzo(k)fluoranthene	15.07	252	890929m	41.17	nq	
89) Benzo(a)pyrene	15.39	252	1056545	45.72	nq	97
90) Dibenzo(a,h)anthracene	16.87	278	1044645	48.87	nq	# 95
91) Benzo(g,h,i)perylene	17.28	276	1052808	47.77	nq	98

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

```

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Operator  : UM/SJ
Sample    : H5760-06MS
Misc      :
ALS Vial  : 34      Sample Multiplier: 1

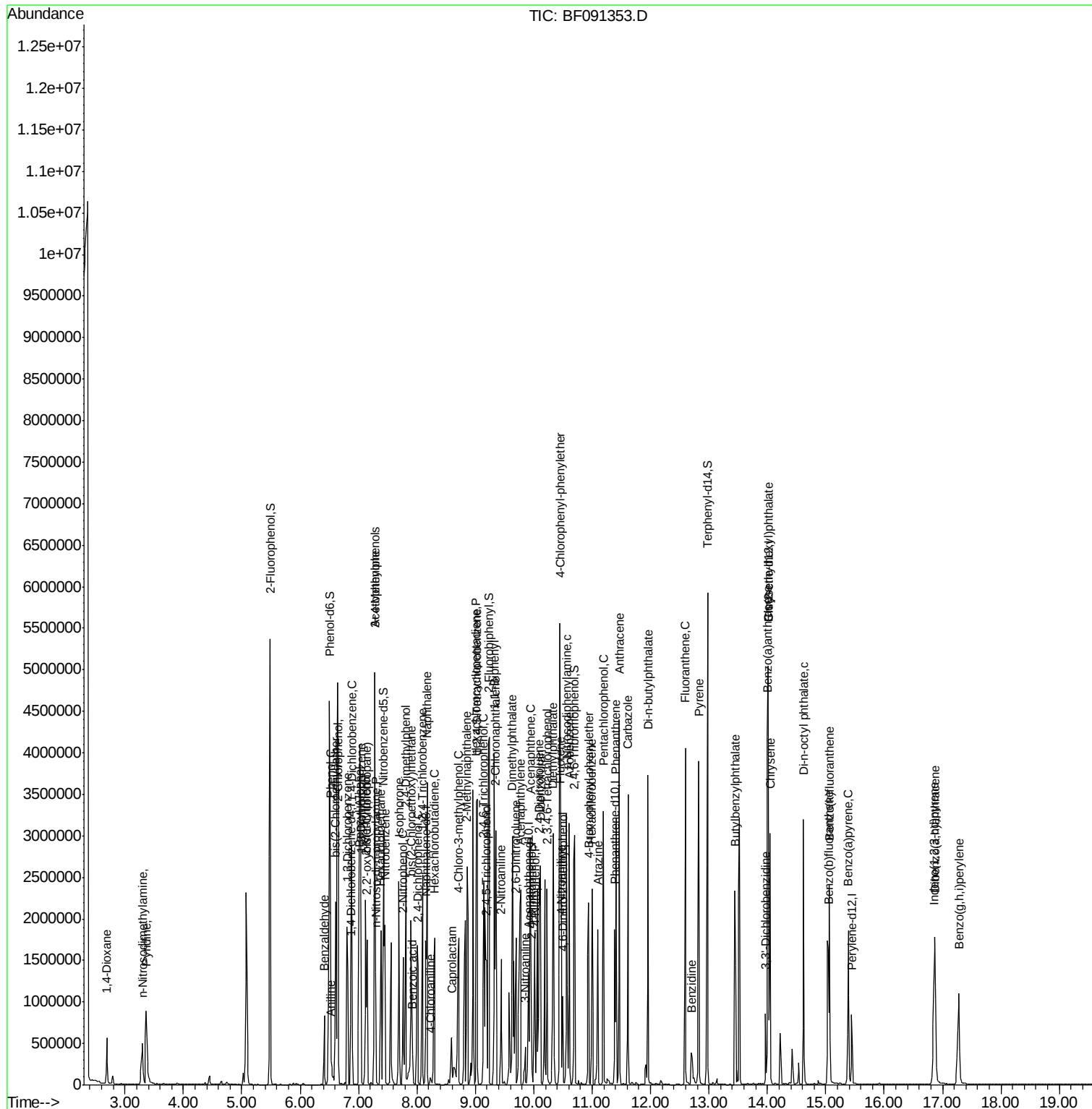
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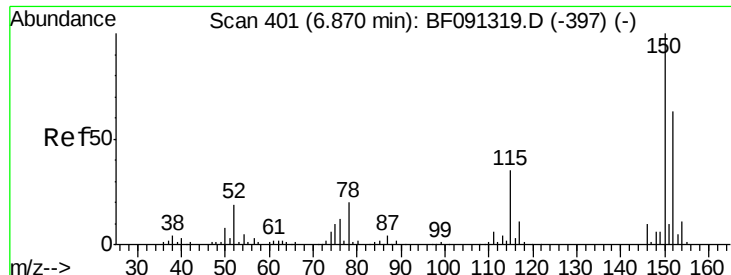
Instrument :
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#1

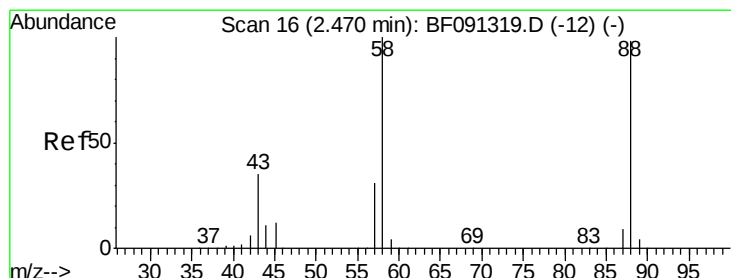
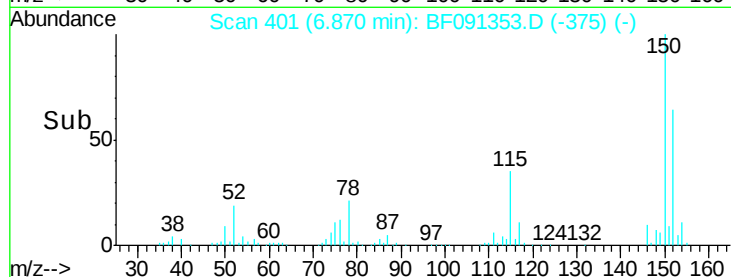
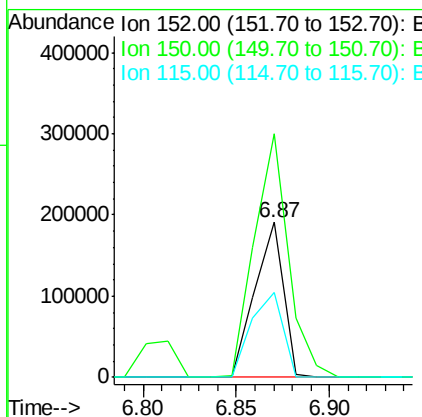
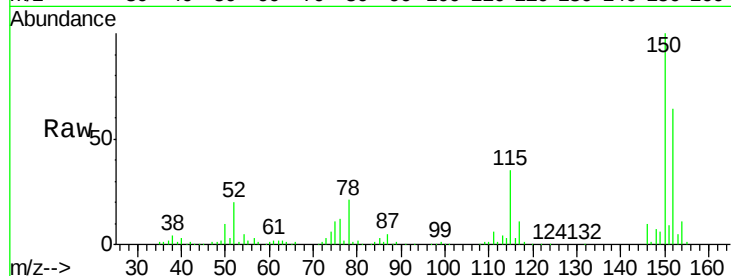
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	122.5	183.7
115	54.7	51.8	77.8

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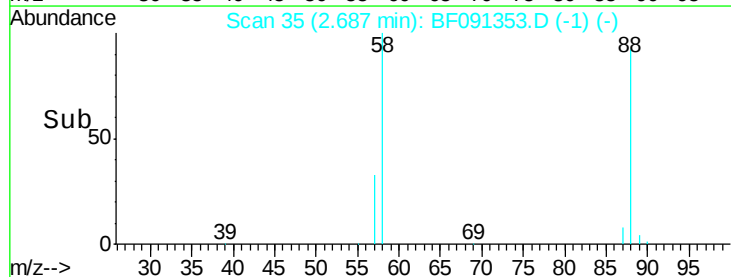
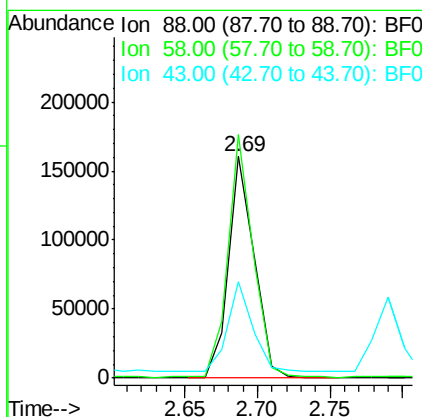
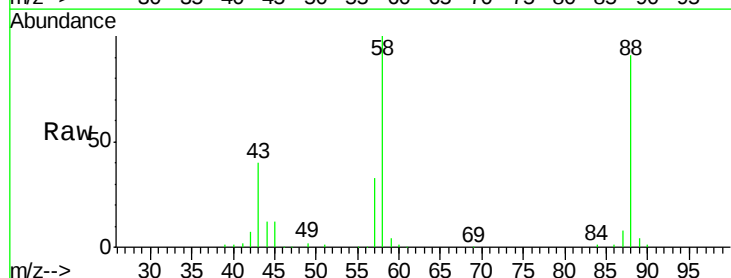
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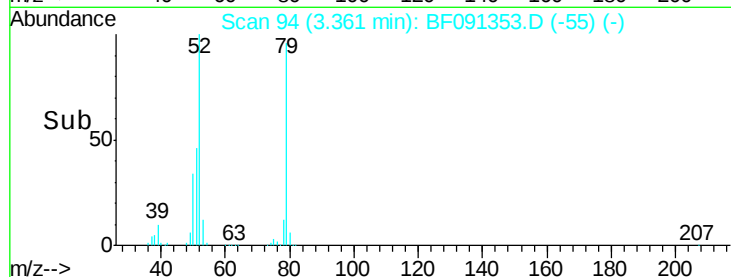
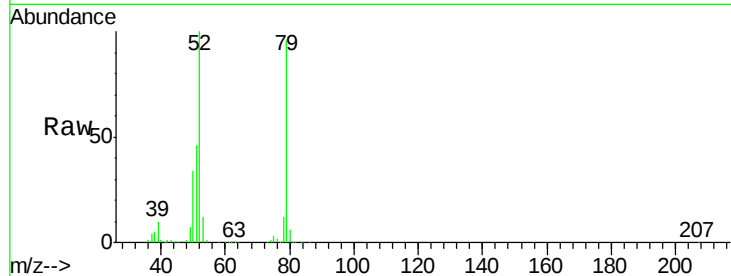
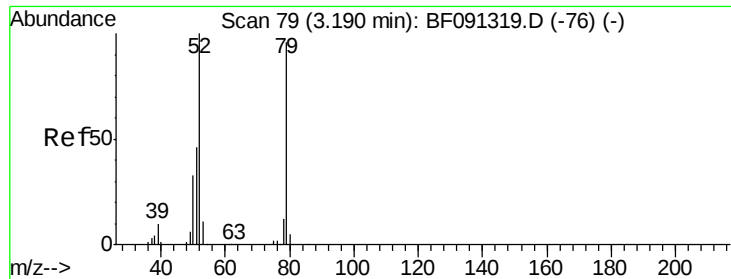


#2

1,4-Dioxane
Concen: 35.68 ng
RT: 2.69 min Scan# 35
Delta R.T. 0.19 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.8	70.3	105.5#
43	0.0	31.3	46.9#





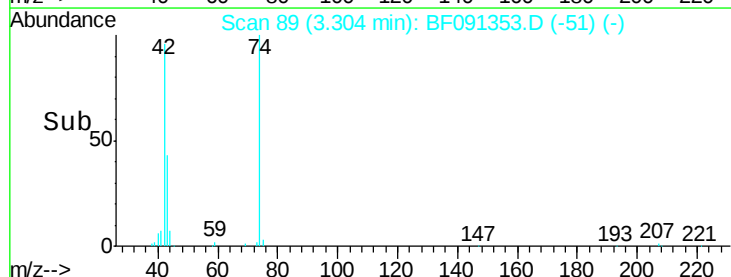
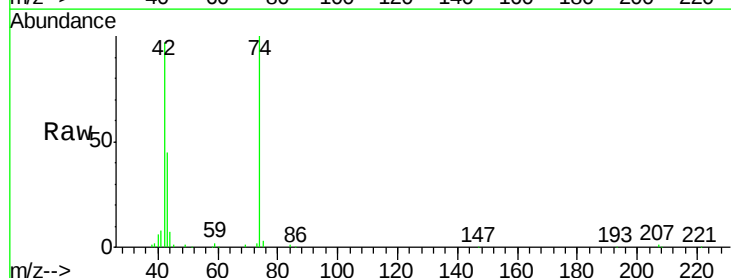
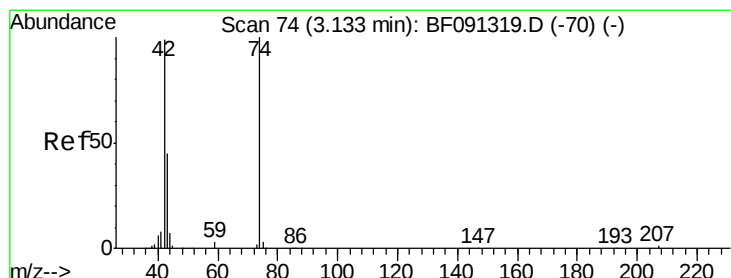
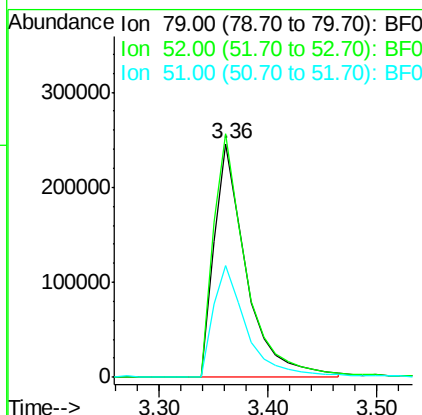
#3
 Pvridine
 Concen: 32.38 ng
 RT: 3.36 min Scan# 94
 Delta R.T. 0.14 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	104.3	71.0	106.4
51	47.9	37.0	55.4

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

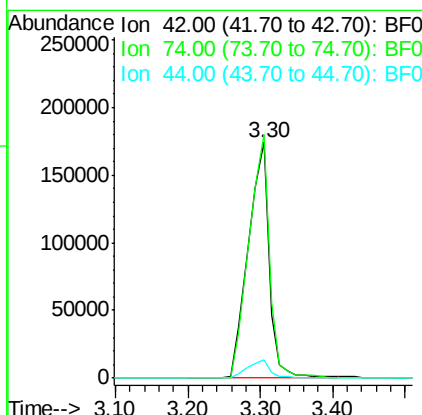
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#4
 n-Nitrosodimethylamine
 Concen: 42.35 ng
 RT: 3.30 min Scan# 89
 Delta R.T. 0.13 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	103.5	78.9	118.3
44	7.5	5.8	8.6





#5

2-Fluorophenol

Concen: 116.45 ng

RT: 5.49 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

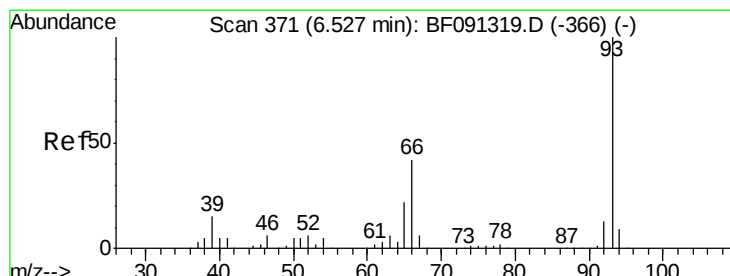
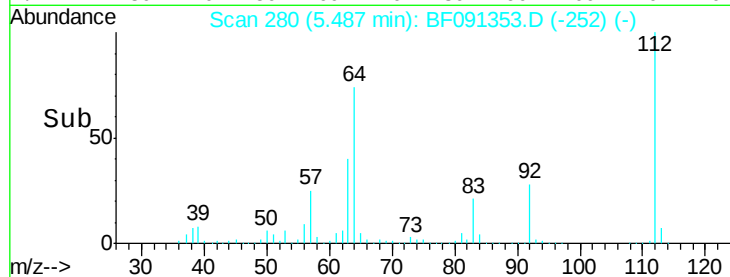
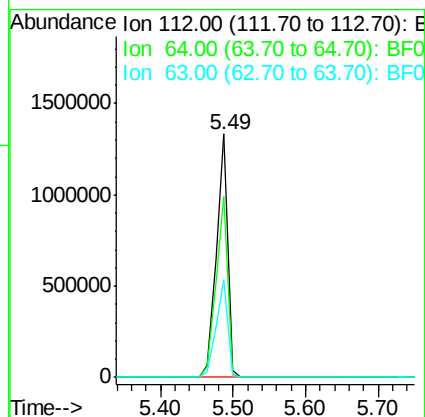
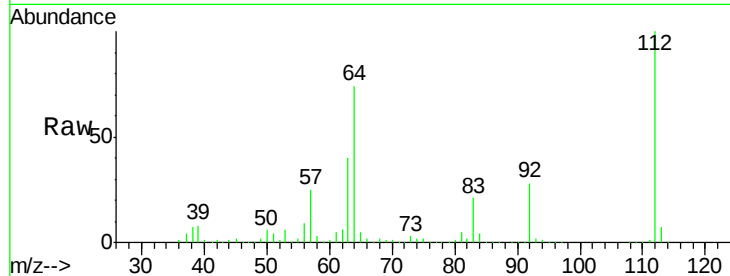
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	112	Resp:	1430430
Ion	Ratio	Lower	Upper
112	100		
64	74.1	61.5	92.3
63	40.1	33.3	49.9

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#6

Aniline

Concen: 8.59 ng

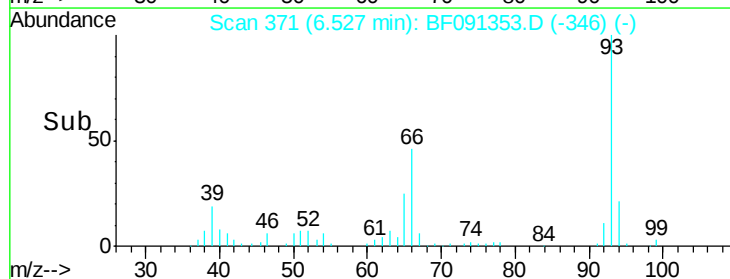
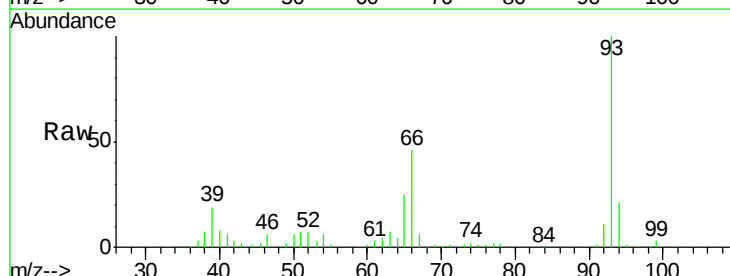
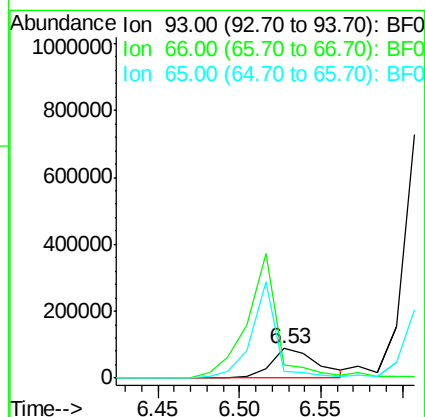
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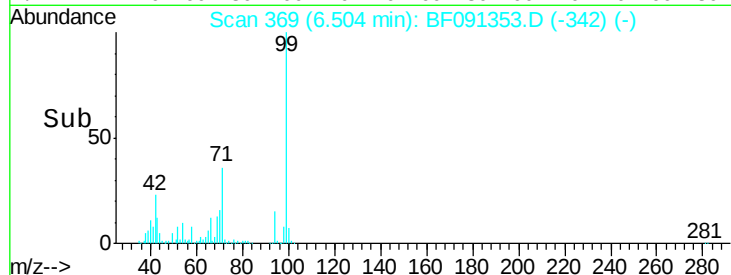
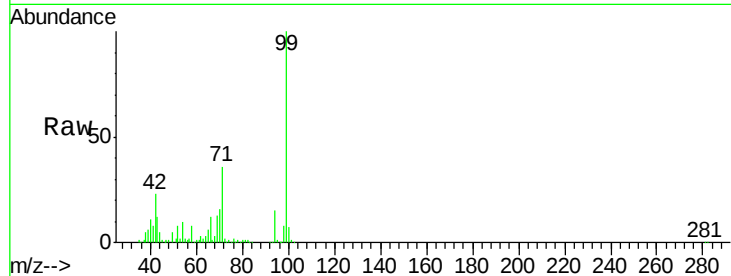
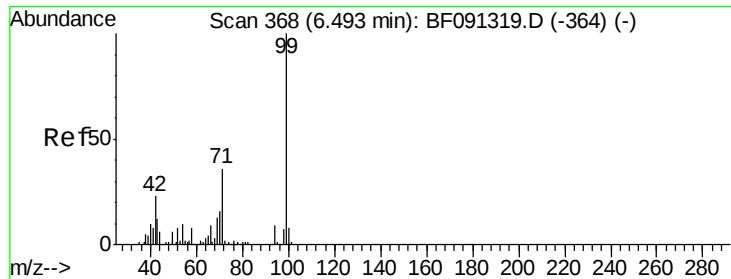
Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	93	Resp:	172572
Ion	Ratio	Lower	Upper
93	100		
66	46.4	55.8	83.6#
65	24.6	29.9	44.9#





#7

Phenol-d6

Concen: 115.95 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tot Ion: 99 Resp: 1753193

Ion Ratio Lower Upper

99 100

42 23.2 20.6 31.0

71 36.3 29.9 44.9

Instrument :

BNA_F

ClientSampleId :

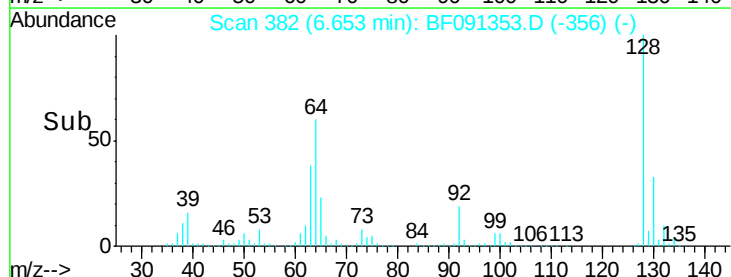
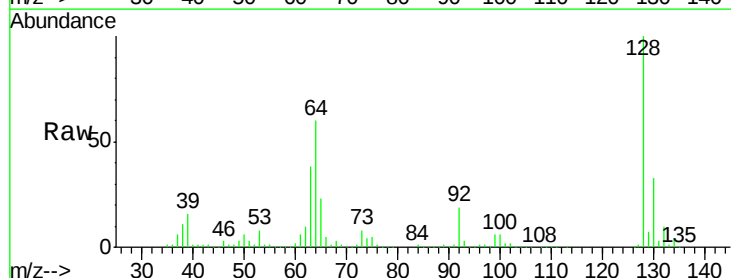
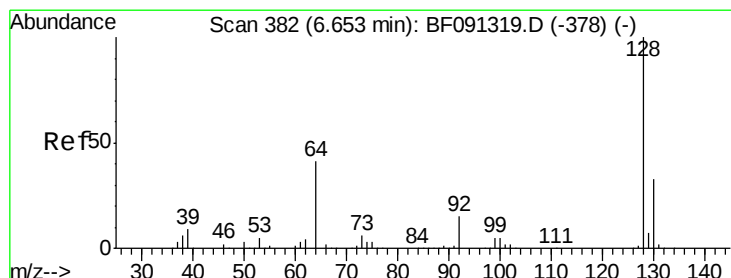
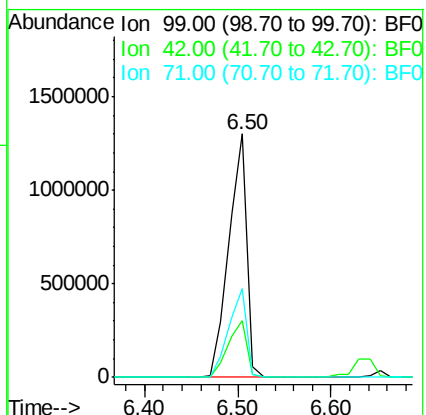
GRID-MM4-6MS

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#8

2-Chlorophenol

Concen: 41.63 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

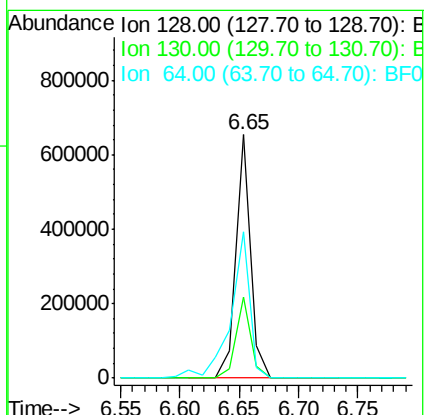
Tgt Ion:128 Resp: 560592

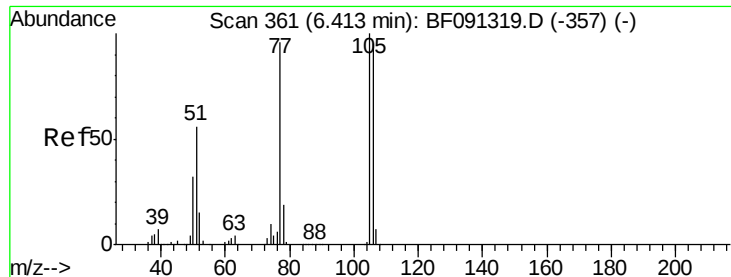
Ion Ratio Lower Upper

128 100

130 33.1 13.1 53.1

64 59.9 24.1 64.1





#9

Benzaldehyde

Concen: 17.17 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.00 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

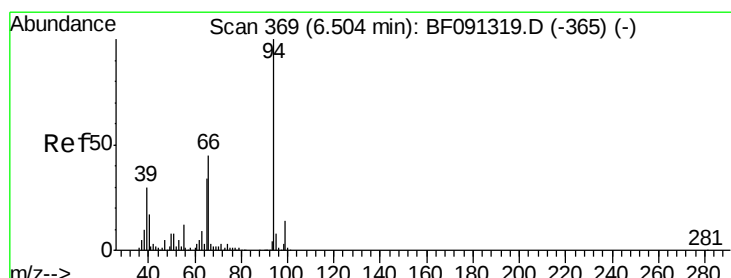
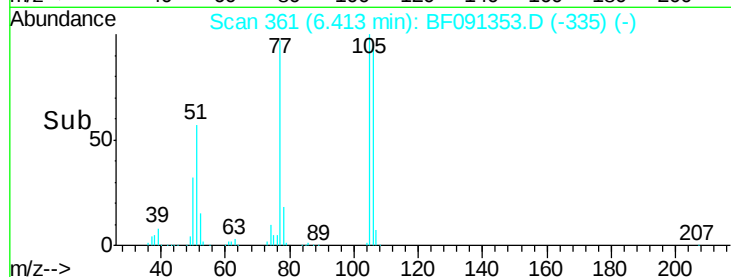
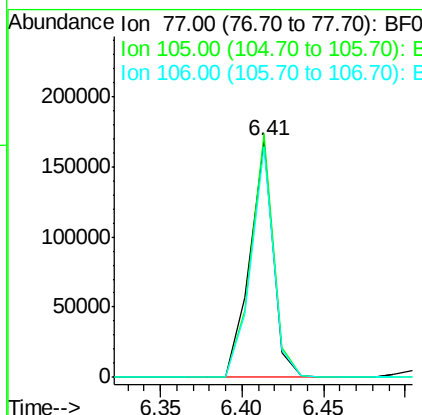
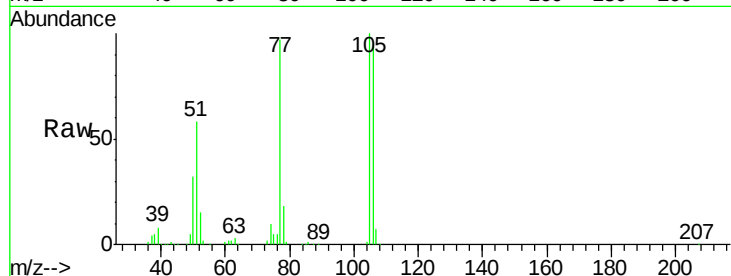
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	77	Resp:	166988
Ion	Ratio	Lower	Upper
77	100		
105	102.9	66.4	106.4
106	97.5	60.9	100.9

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#10

Phenol

Concen: 43.40 ng

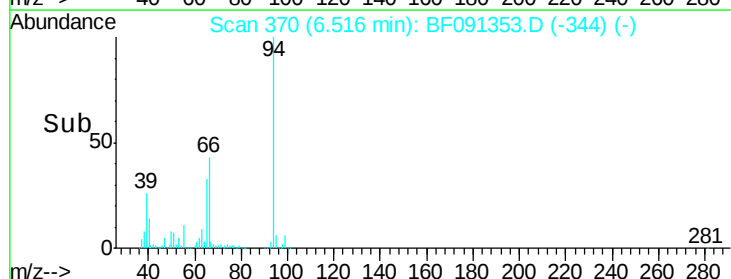
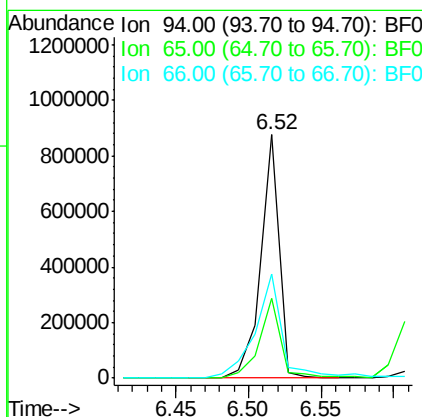
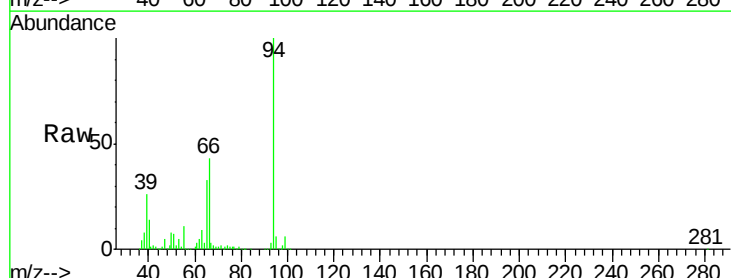
RT: 6.52 min Scan# 370

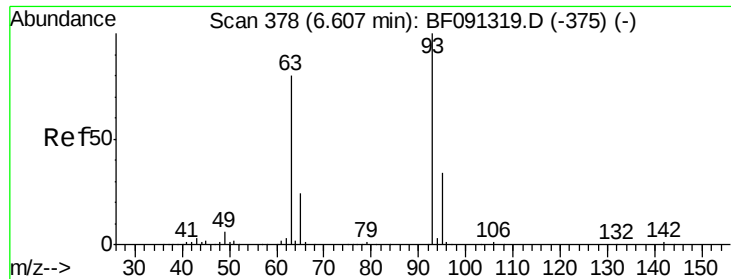
Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	94	Resp:	772223
Ion	Ratio	Lower	Upper
94	100		
65	32.8	16.9	56.9
66	42.5	30.6	70.6





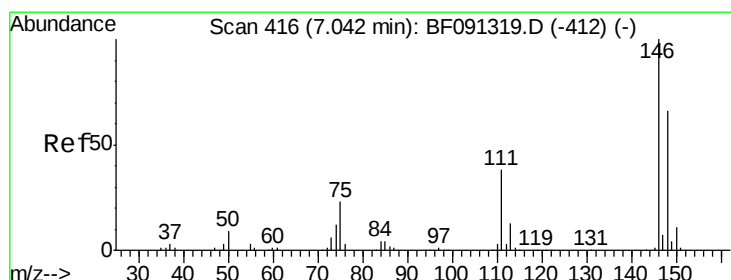
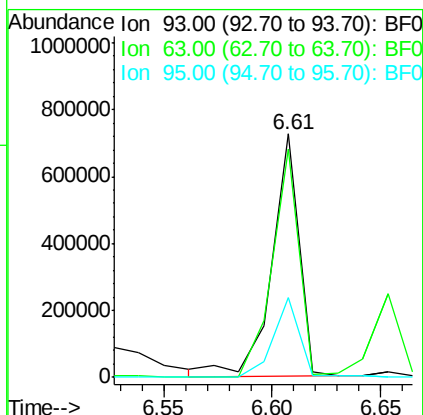
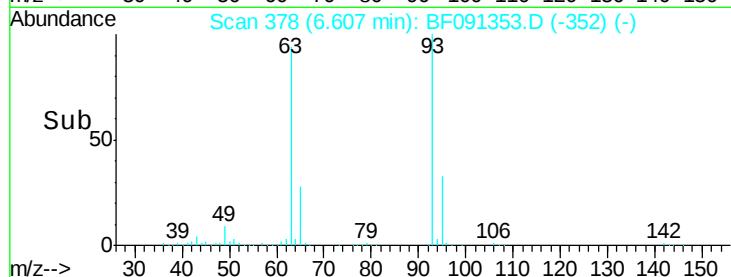
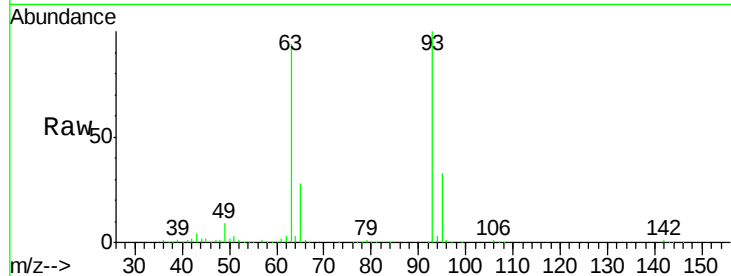
#11
bis(2-Chloroethyl)ether
Concen: 50.32 ng
RT: 6.61 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion:	93	Resp:	639647
Ion	Ratio	Lower	Upper
93	100		
63	93.5	74.8	114.8
95	32.8	12.4	52.4

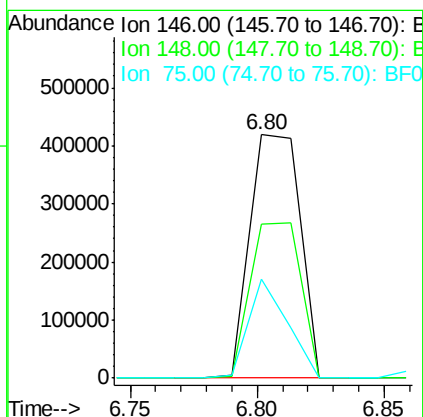
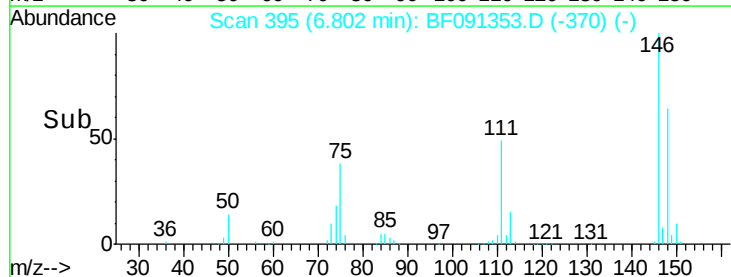
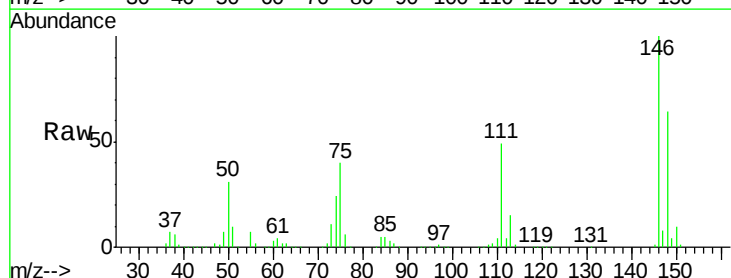
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#12
1,3-Dichlorobenzene
Concen: 38.40 ng m
RT: 6.80 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion:	146	Resp:	575199
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.0
75	40.4	23.6	35.4#





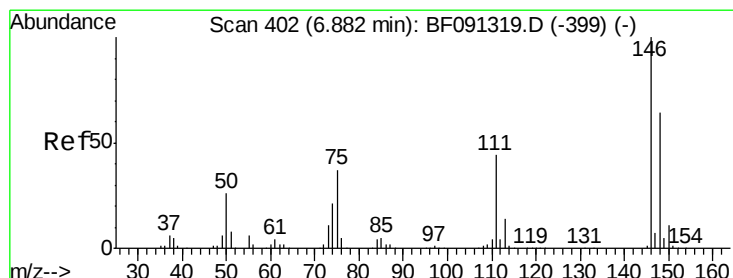
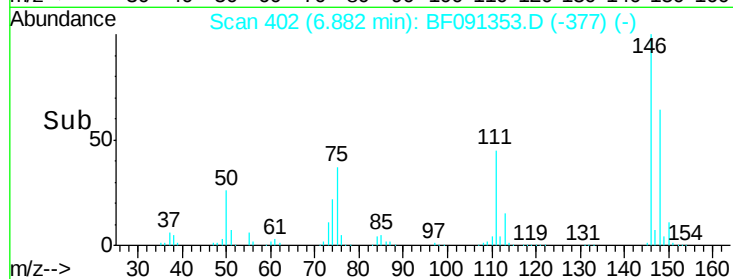
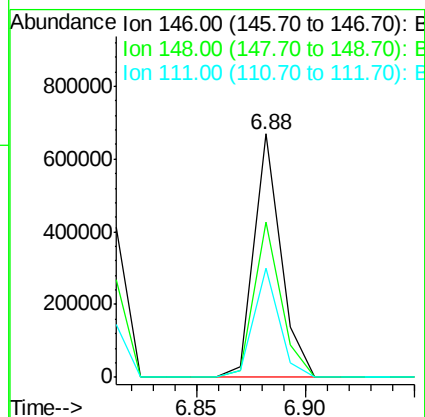
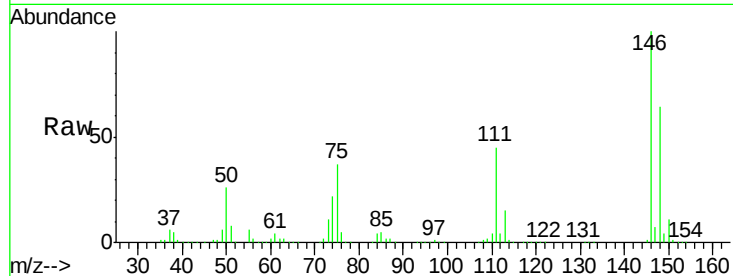
#13
1,4-Dichlorobenzene
Concen: 38.63 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	44.7	32.2	48.2

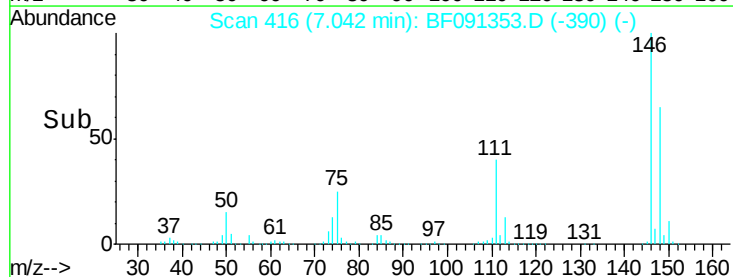
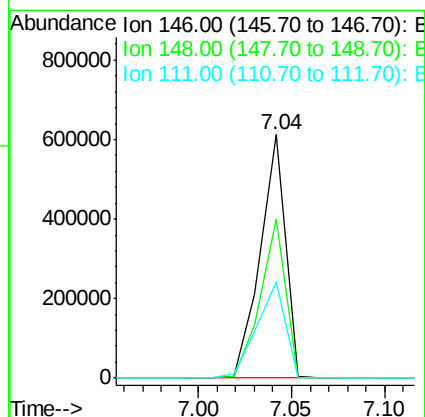
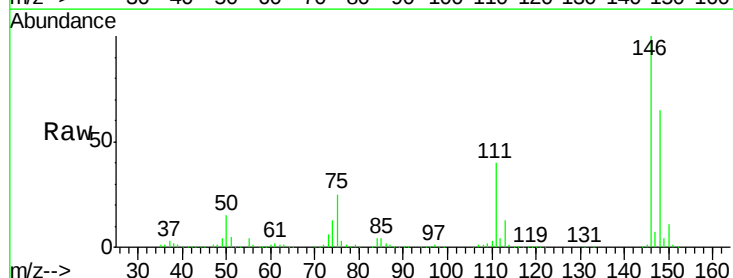
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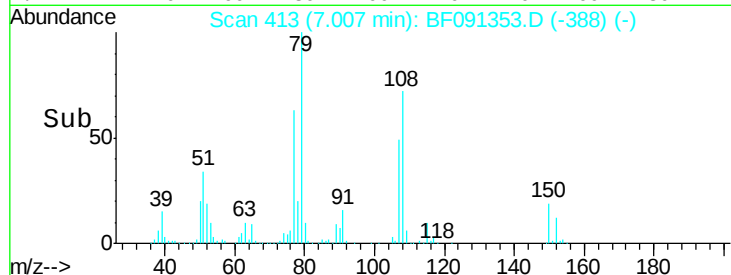
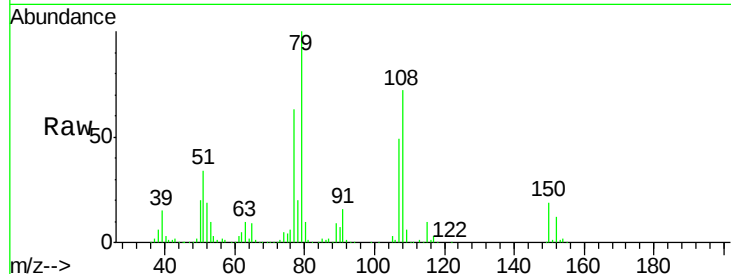
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#14
1,2-Dichlorobenzene
Concen: 41.01 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	39.7	38.9	58.3





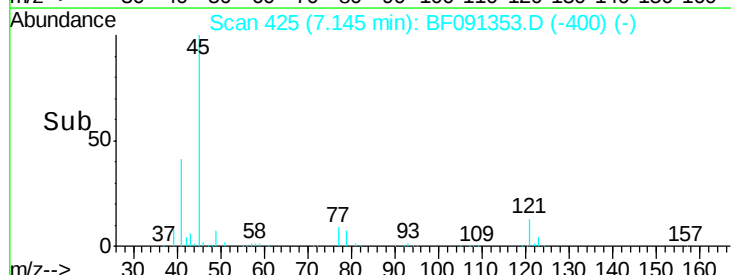
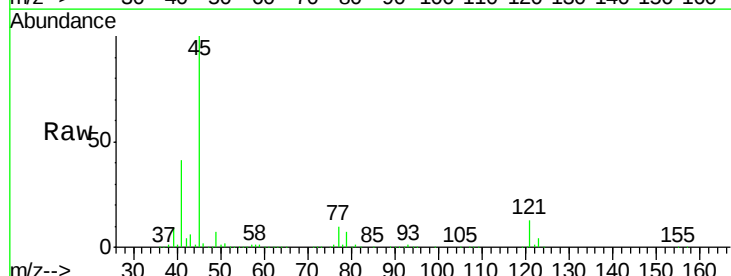
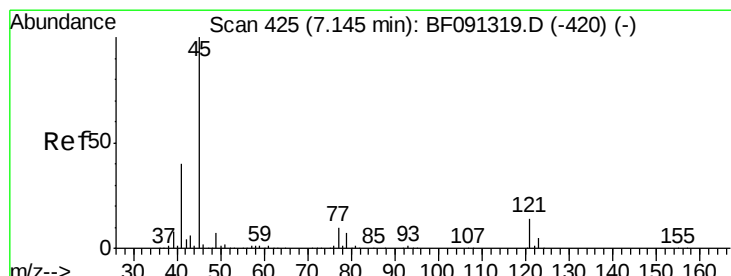
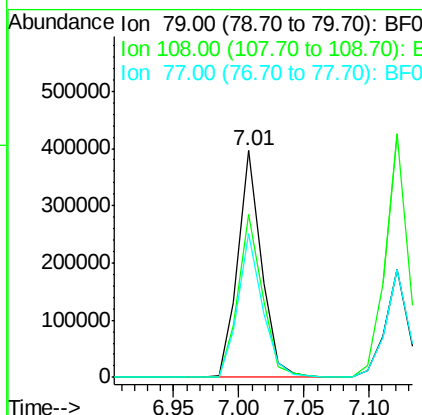
#15
Benzyl Alcohol
Concen: 41.56 ng
RT: 7.01 min Scan# 413
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.0	62.7	94.1
77	63.5	51.7	77.5

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

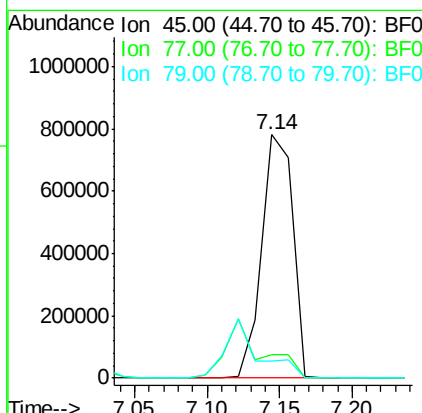
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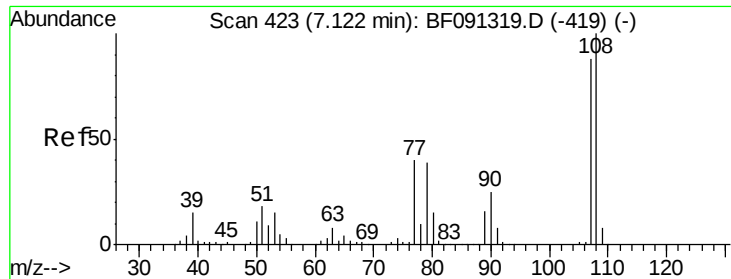
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.37 ng
RT: 7.14 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	3.8	43.8
79	7.2	0.2	40.2





#17

2-Methylphenol

Concen: 42.05 ng

RT: 7.12 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:107 Resp: 447688

Ion Ratio Lower Upper

107 100

108 113.5 67.7 101.5#

77 50.3 40.7 61.1

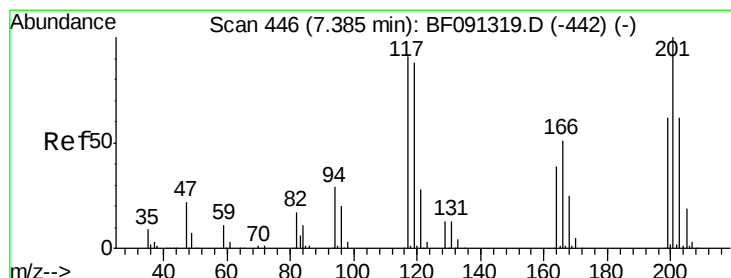
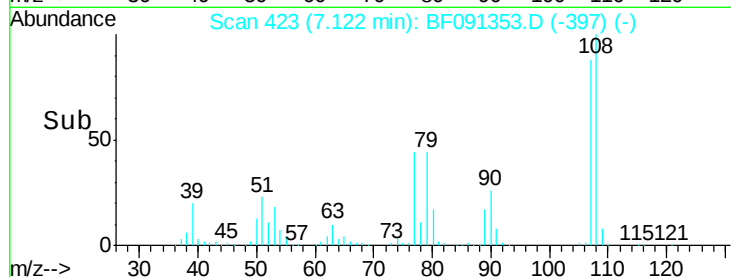
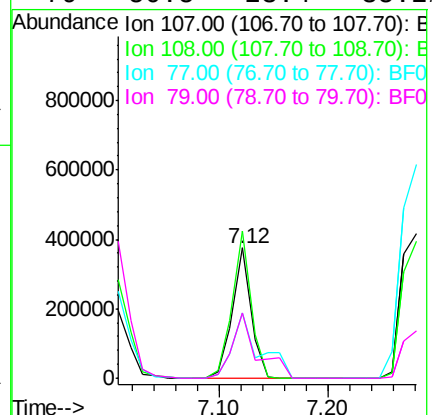
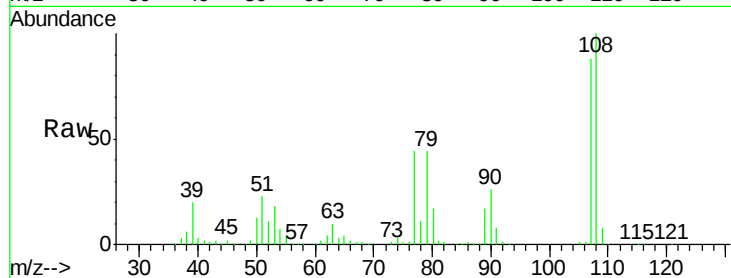
79 50.5 23.4 35.2#

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#18

Hexachloroethane

Concen: 41.94 ng

RT: 7.38 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

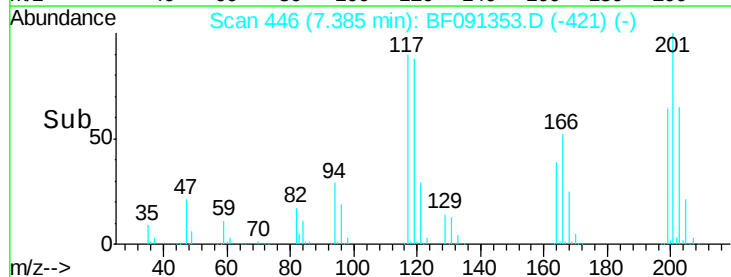
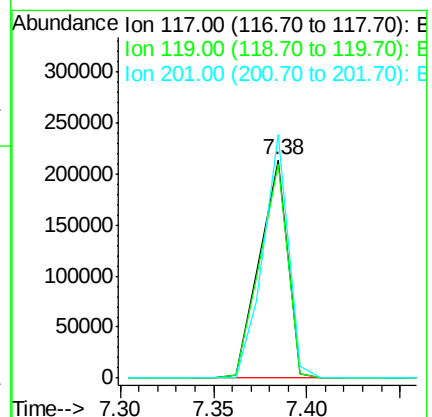
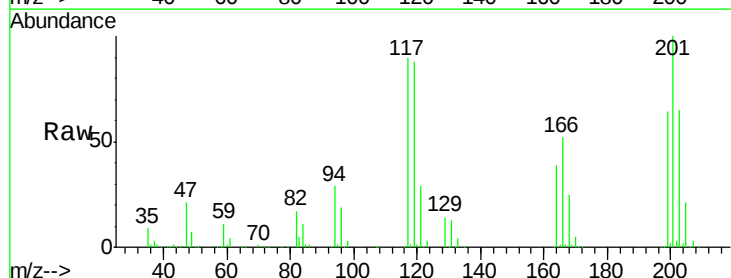
Tgt Ion:117 Resp: 221911

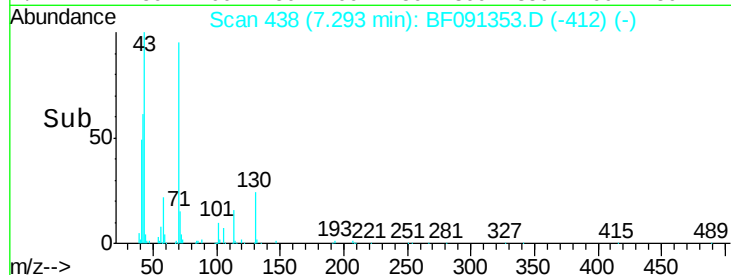
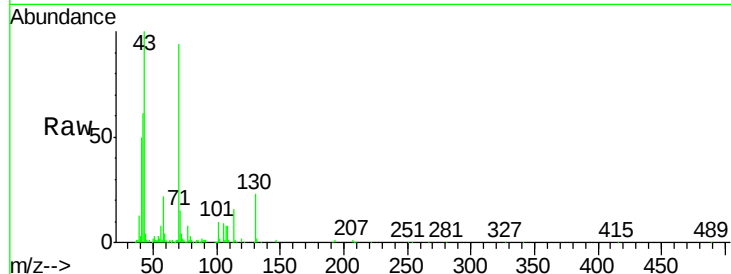
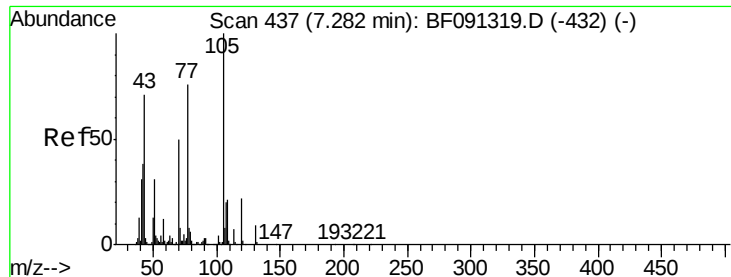
Ion Ratio Lower Upper

117 100

119 98.0 78.6 118.0

201 111.6 86.7 130.1





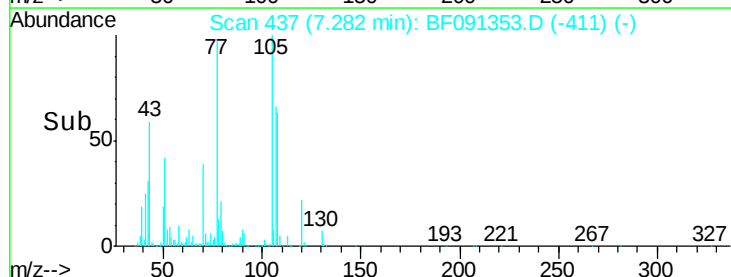
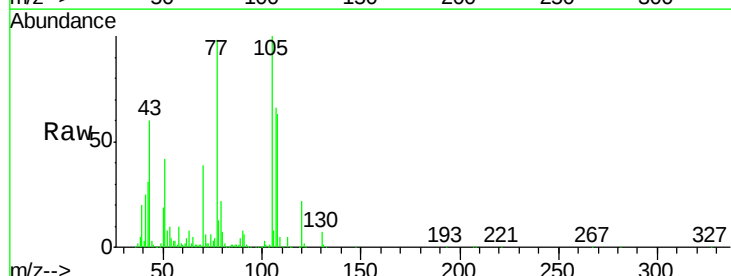
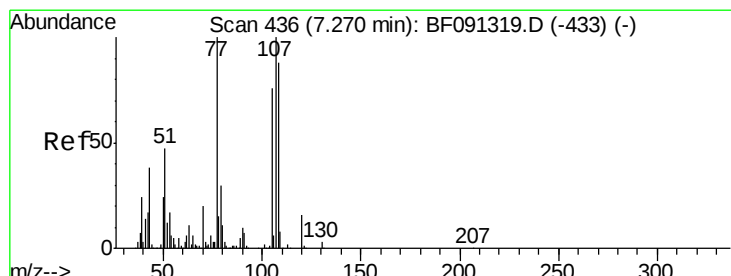
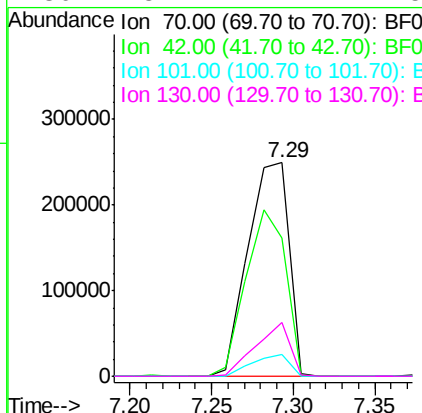
#19
n-Nitroso-di-n-propylamine
Concen: 45.68 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.7	64.8	97.2#
101	10.2	6.2	9.4#
130	25.1	11.7	17.5#

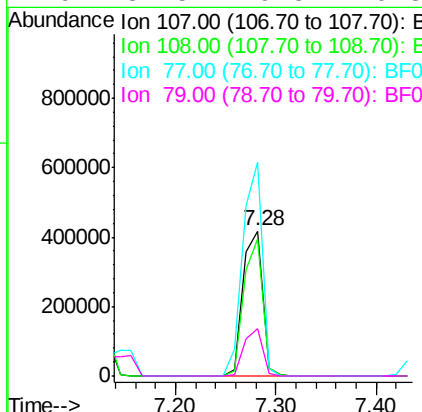
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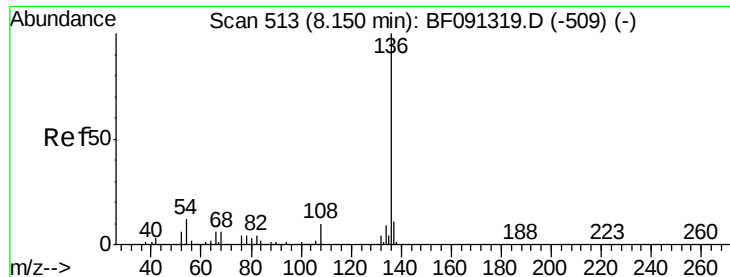
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#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	64.6	104.6
77	147.5	30.9	70.9#
79	32.5	9.3	49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

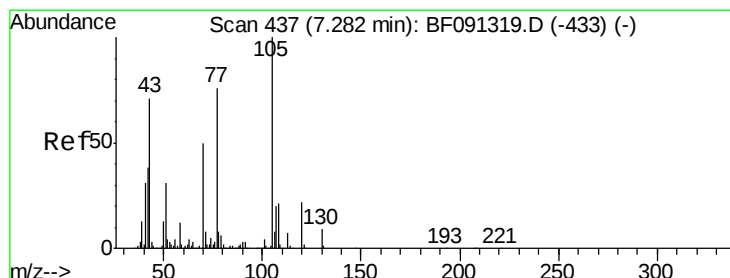
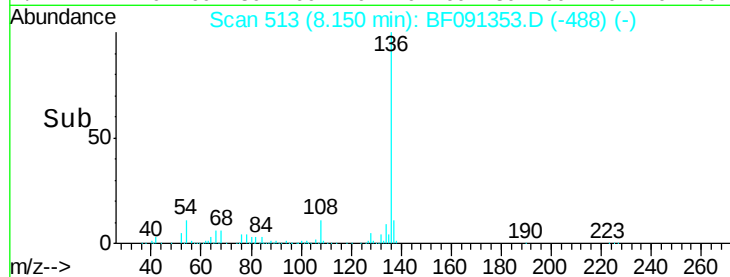
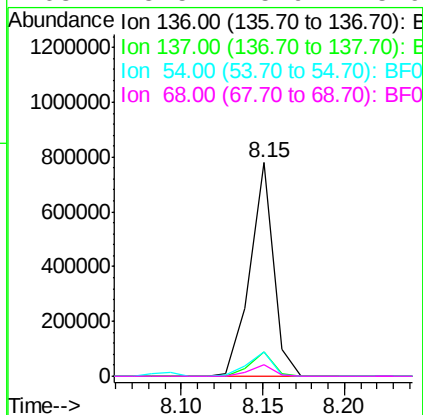
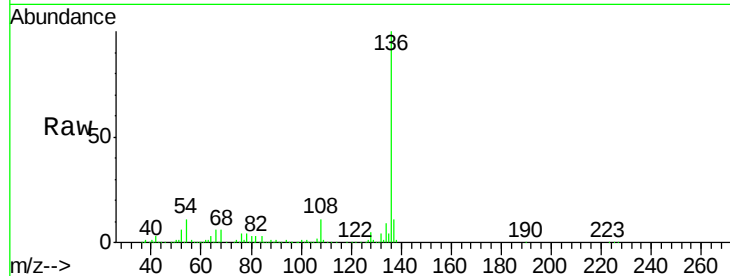
ClientSampleId :

GRID-MM4-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		781410		
137	11.2		9.1	13.7	
54	11.2		9.1	13.7	
68	5.5		5.9	8.9	

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#22

Acetophenone

Concen: 43.82 ng

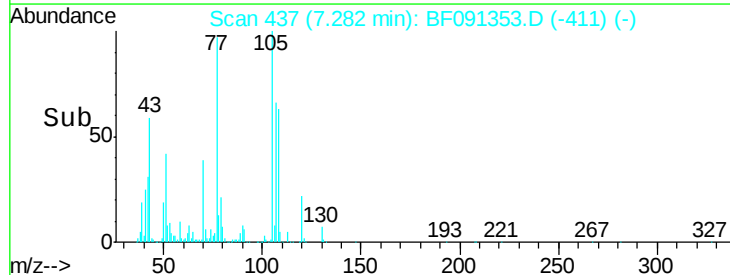
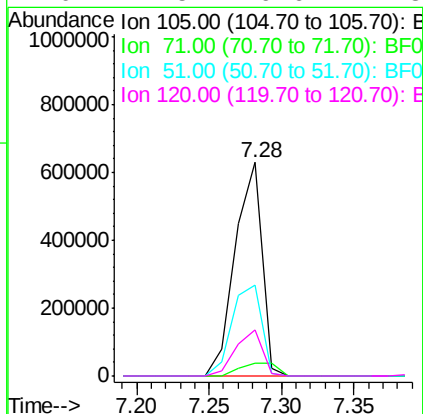
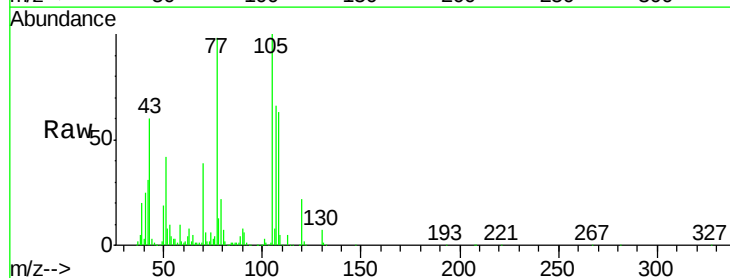
RT: 7.28 min Scan# 437

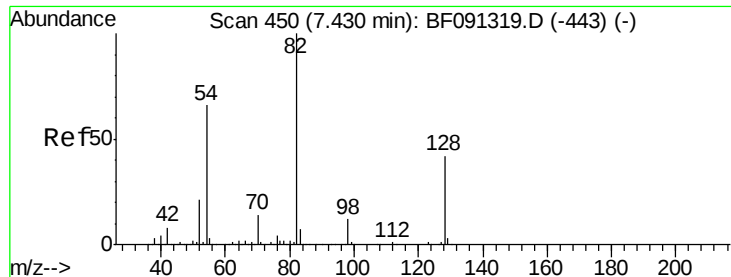
Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		811506		
71	6.2		7.9	11.9	
51	42.3		24.5	36.7	
120	21.5		16.6	24.8	





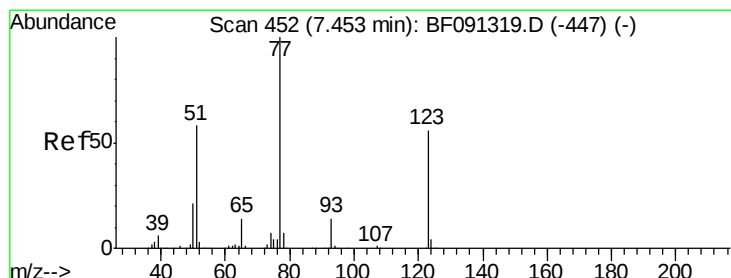
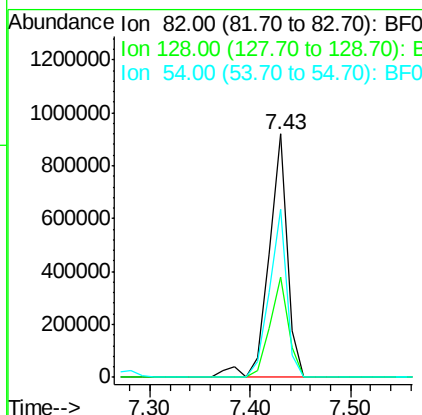
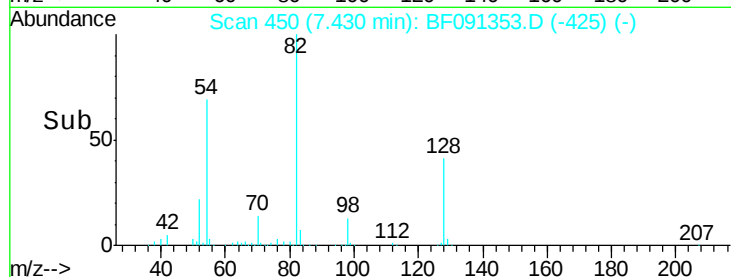
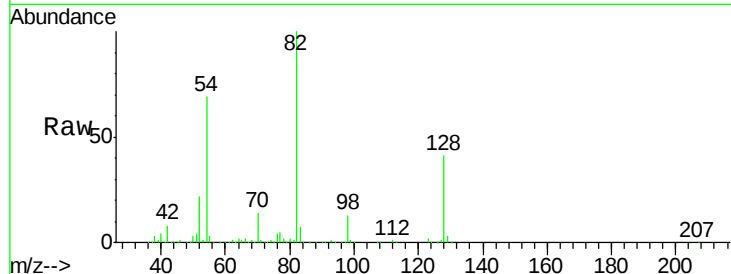
#23
 Nitrobenzene-d5
 Concen: 83.84 ng
 RT: 7.43 min Scan# 450
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	31.8	47.6
54	68.9	49.1	73.7

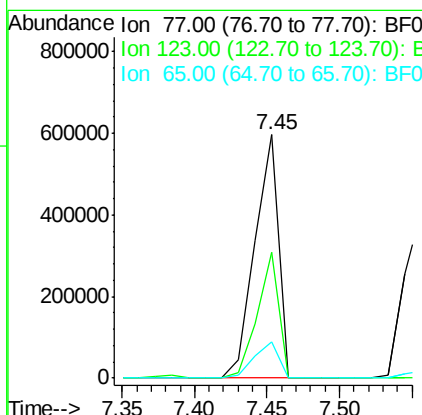
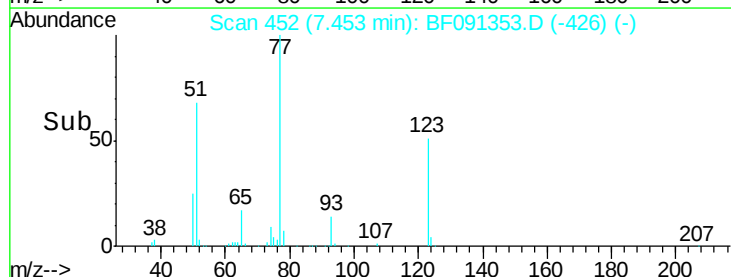
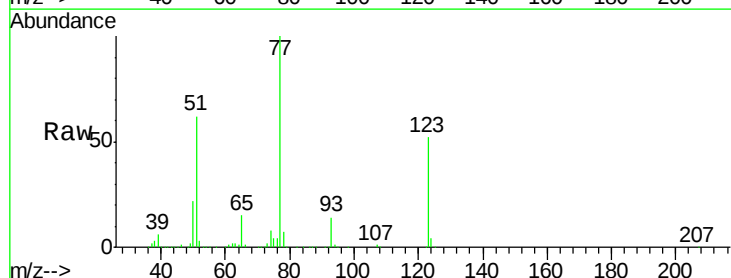
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#24
 Nitrobenzene
 Concen: 47.09 ng
 RT: 7.45 min Scan# 452
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.7	28.5	42.7#
65	15.0	12.5	18.7





#25

Isophorone

Concen: 47.25 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion: 82 Resp: 1167119

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

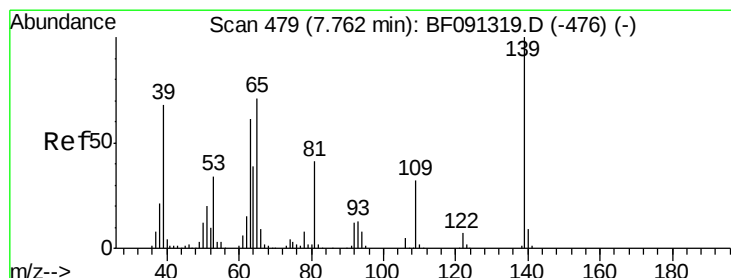
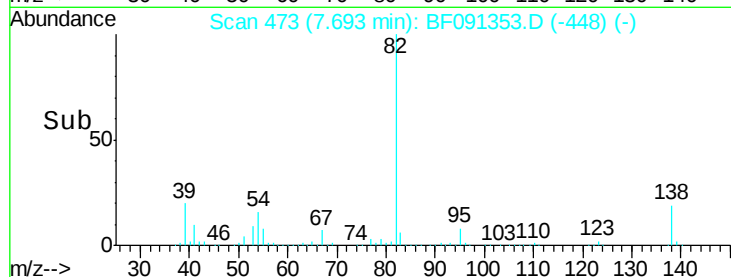
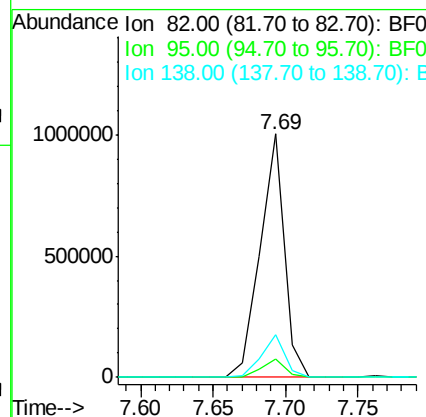
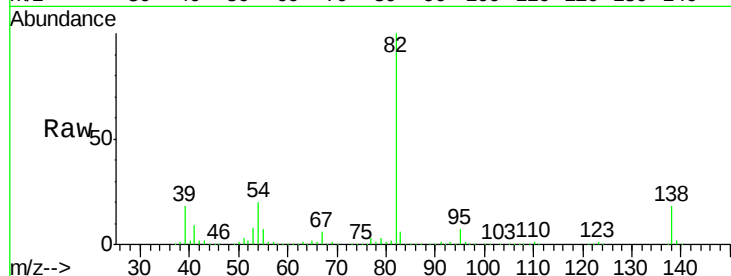
138 17.5 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 43.71 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

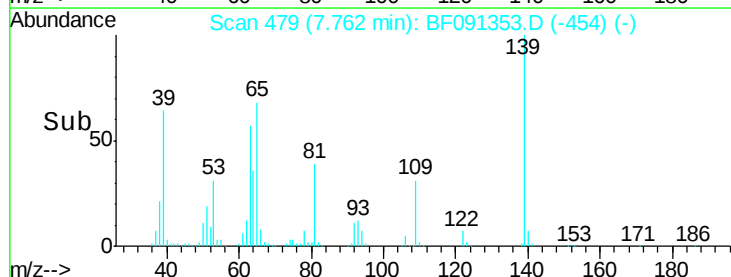
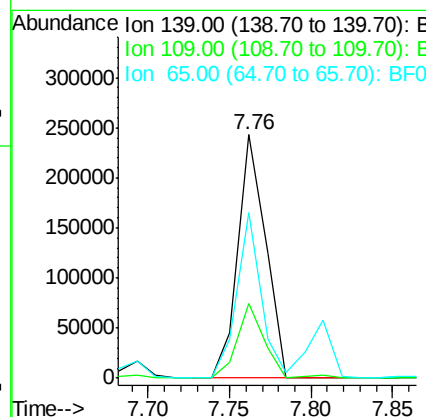
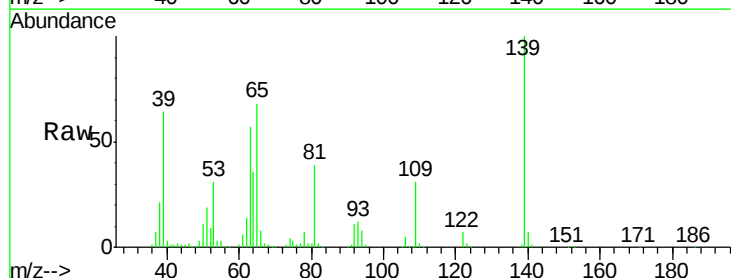
Tgt Ion: 139 Resp: 284391

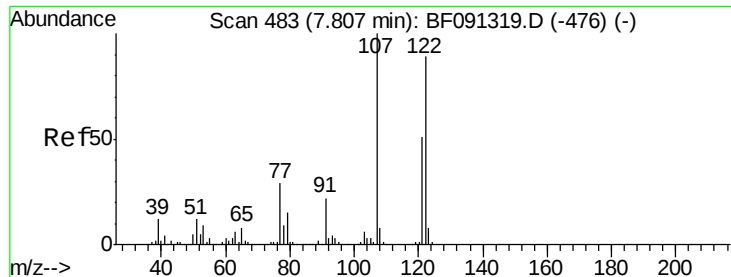
Ion Ratio Lower Upper

139 100

109 30.7 25.3 37.9

65 68.0 55.4 83.2





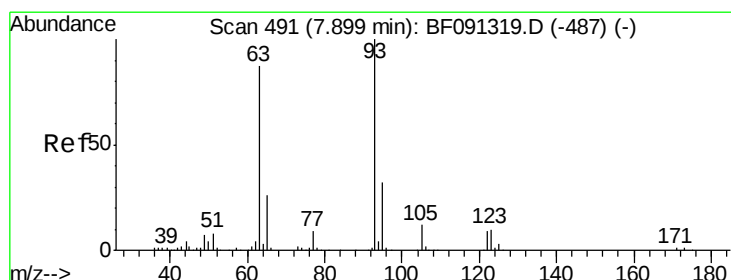
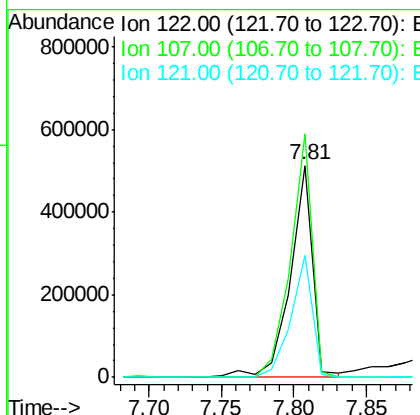
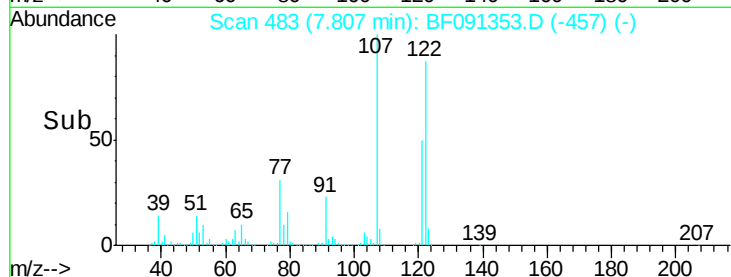
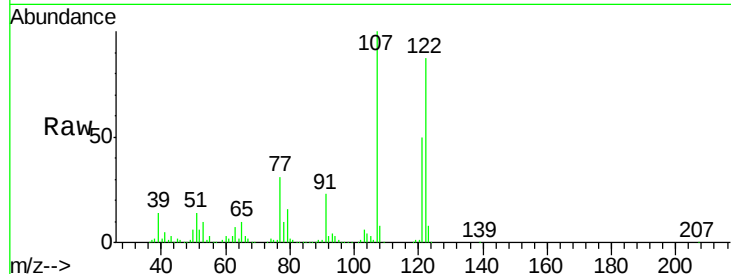
#27
2,4-Dimethylphenol
Concen: 44.94 ng
RT: 7.81 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	96.8	145.2
121	57.6	47.7	71.5

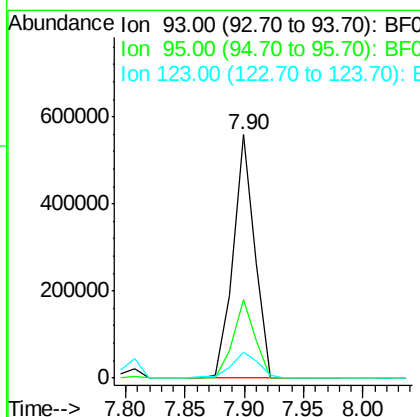
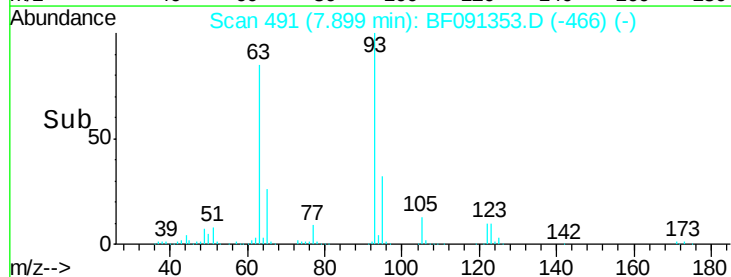
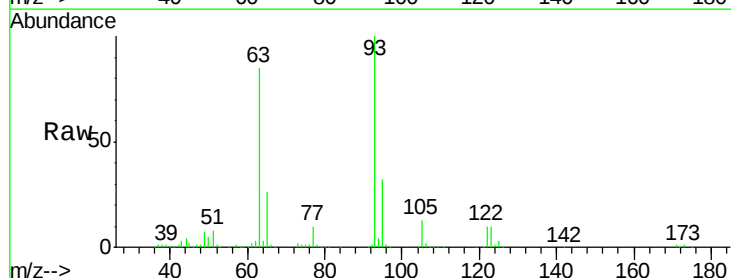
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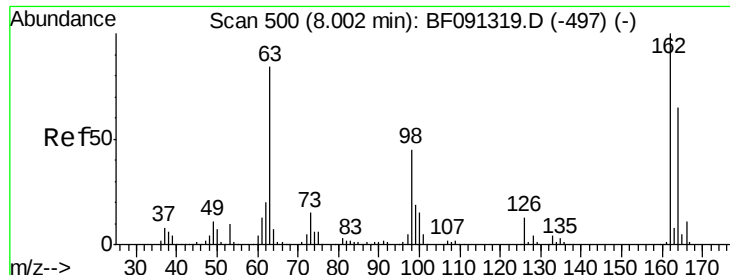
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#28
bis(2-Chloroethoxy)methane
Concen: 47.05 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	10.4	8.6	12.8





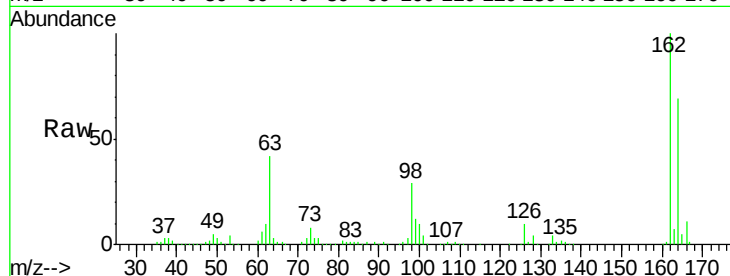
#29
2,4-Dichlorophenol
Concen: 45.31 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

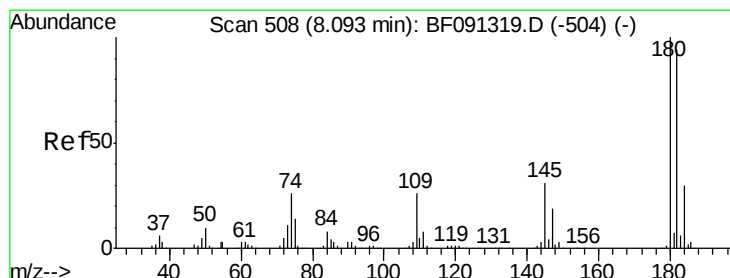
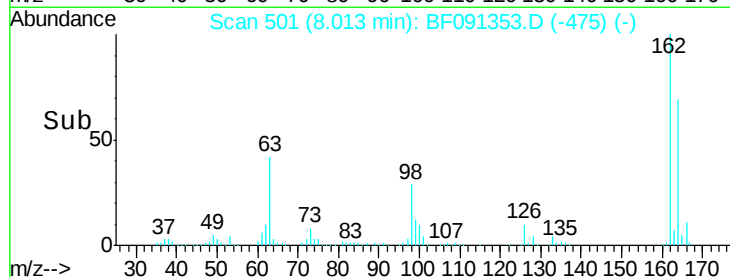
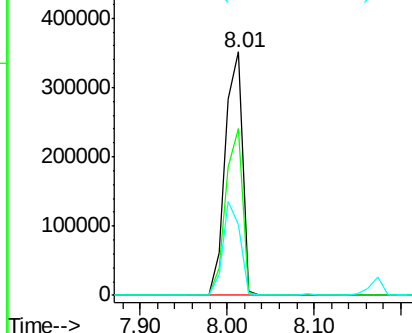
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.6	45.0	85.0
98	29.1	21.3	61.3

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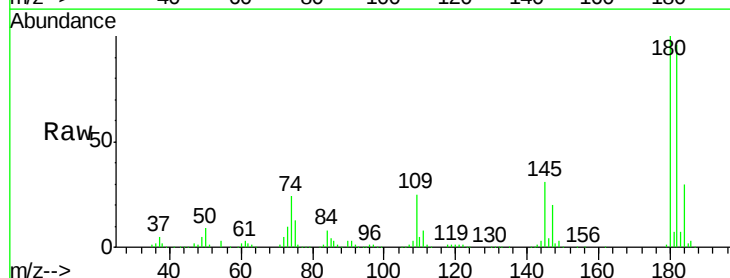


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

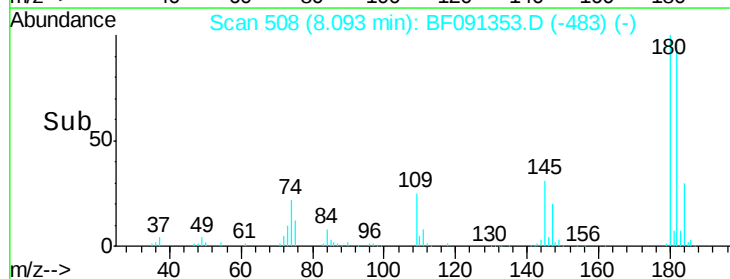
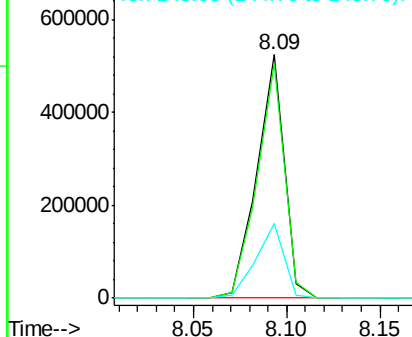


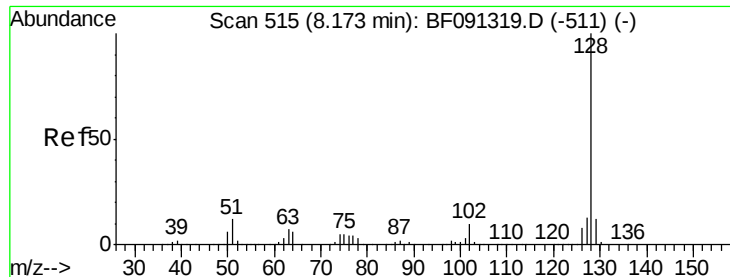
#30
1,2,4-Trichlorobenzene
Concen: 44.33 ng
RT: 8.09 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.2	75.8	113.8
145	30.8	27.0	40.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





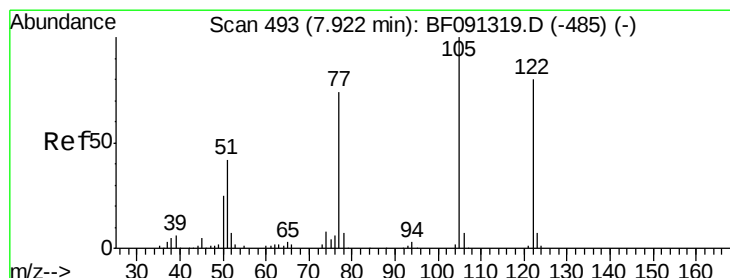
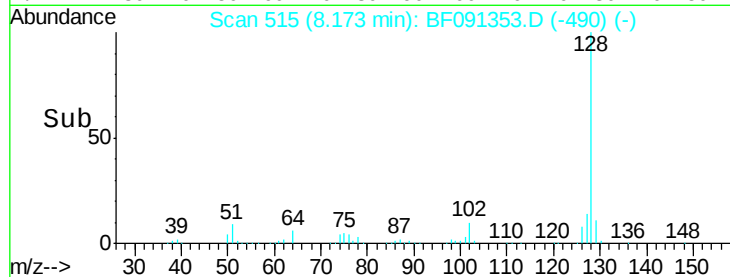
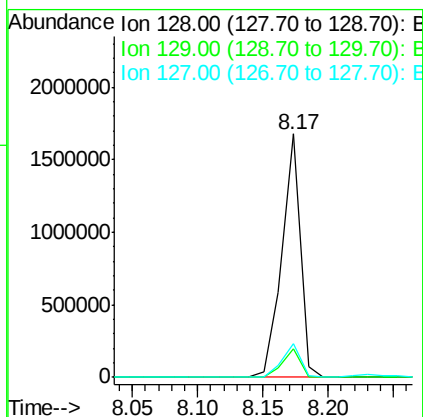
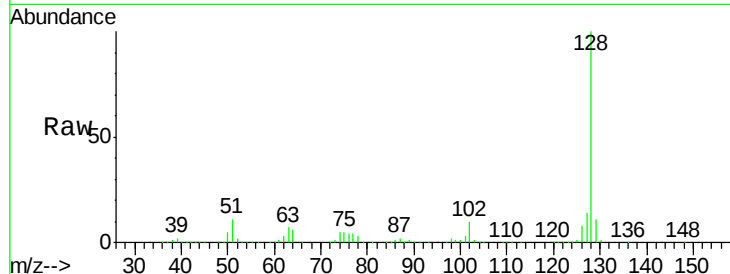
#31
Naphthalene
Concen: 43.93 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.6	11.0	16.4

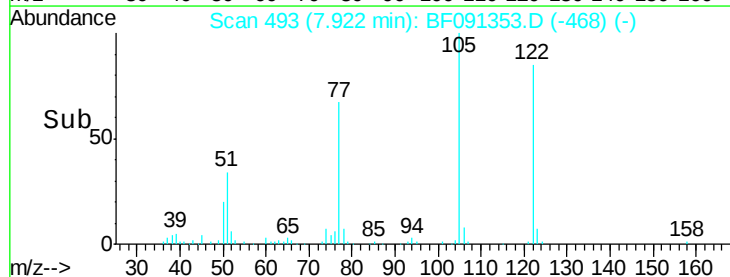
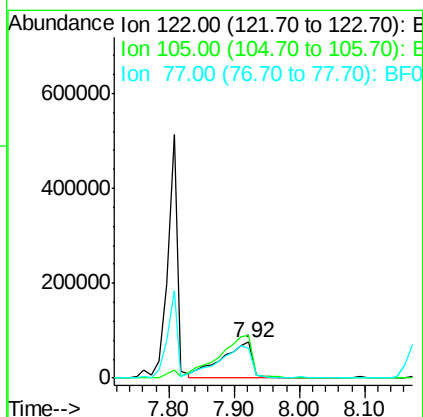
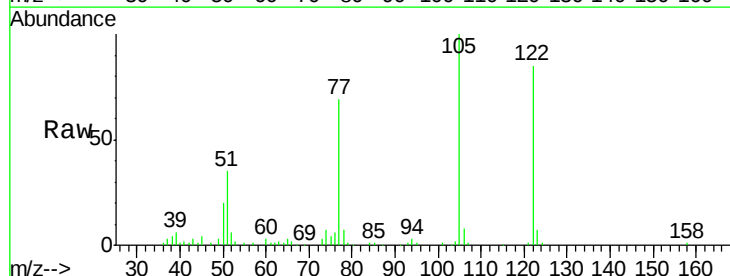
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#32
Benzoic acid
Concen: 28.25 ng
RT: 7.92 min Scan# 493
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.7	113.0	153.0
77	81.5	82.0	122.0#





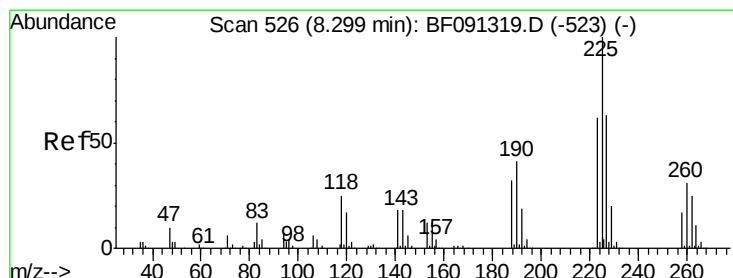
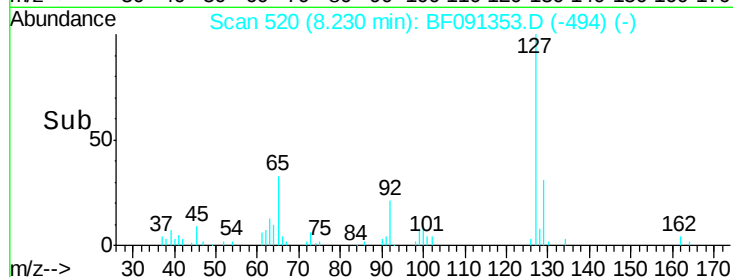
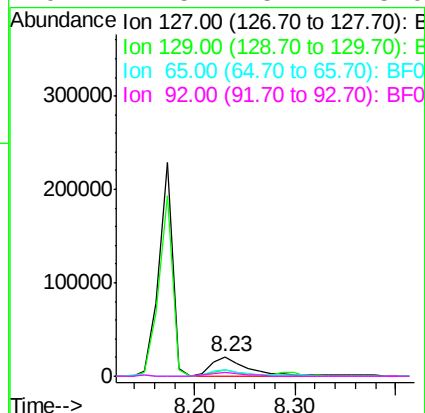
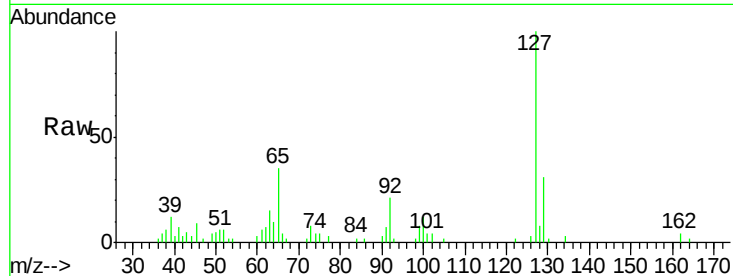
#33
4-Chloroaniline
Concen: 3.41 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		54104		
129	30.8	26.2	39.4		
65	35.4	26.6	39.8		
92	21.5	15.4	23.0		

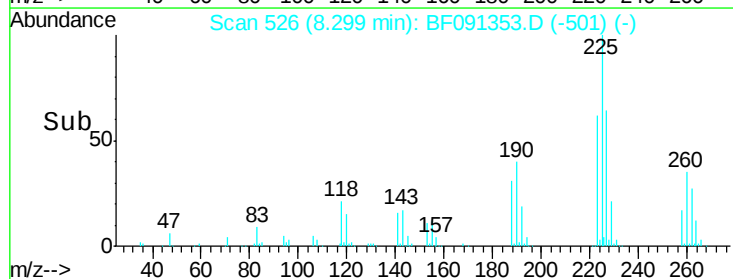
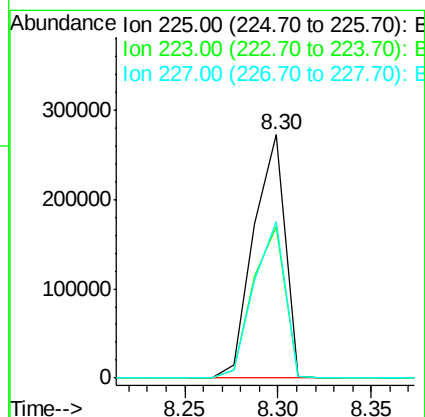
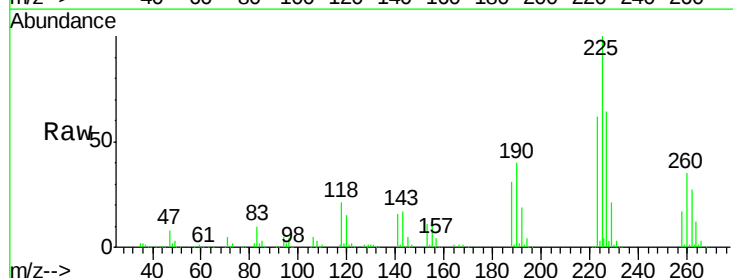
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#34
Hexachlorobutadiene
Concen: 42.97 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		317163		
223	62.2	49.8	74.6		
227	64.4	52.6	79.0		





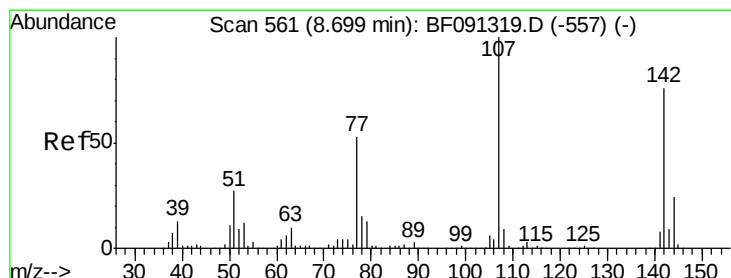
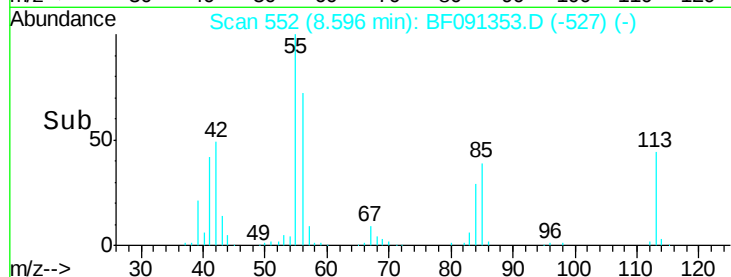
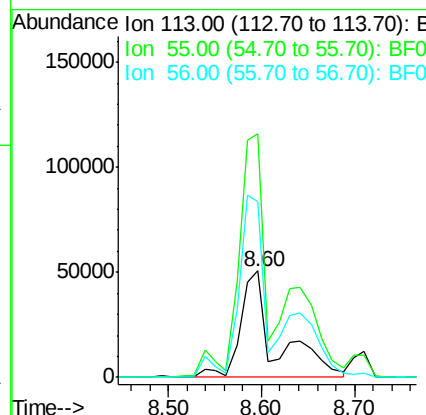
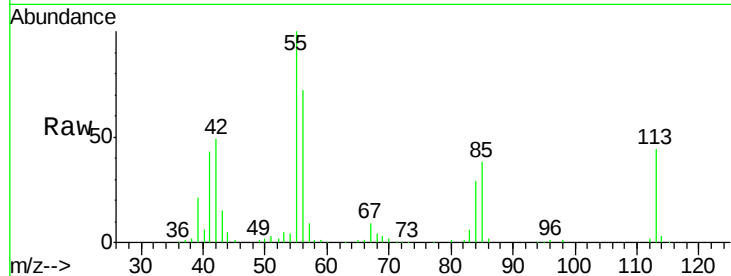
#35
Caprolactam
Concen: 44.21 ng/ml
RT: 8.60 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	228.6		239.8	279.8#	
56	165.1		165.6	205.6#	

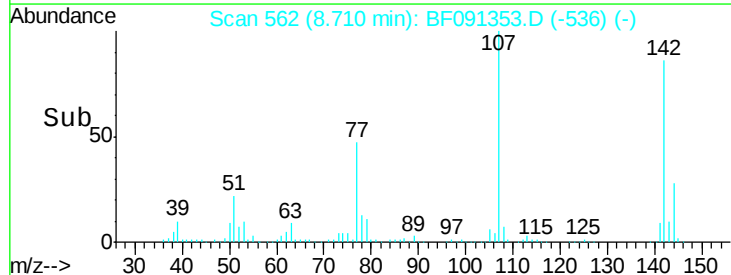
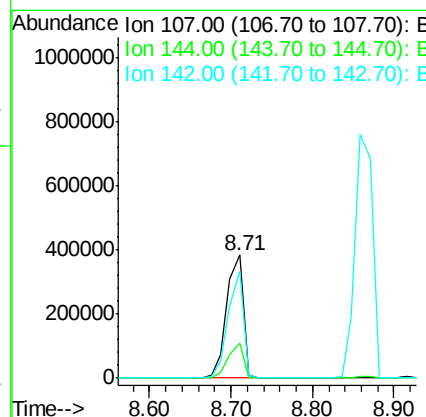
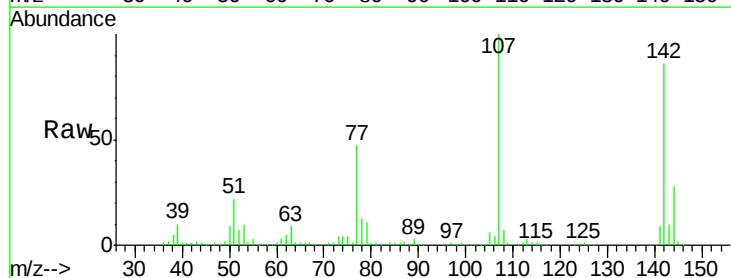
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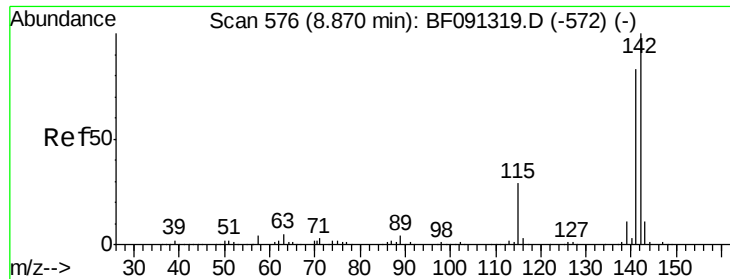
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#36
4-Chloro-3-methylphenol
Concen: 46.68 ng/ml
RT: 8.71 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	28.3		18.9	28.3	
142	86.2		58.5	87.7	





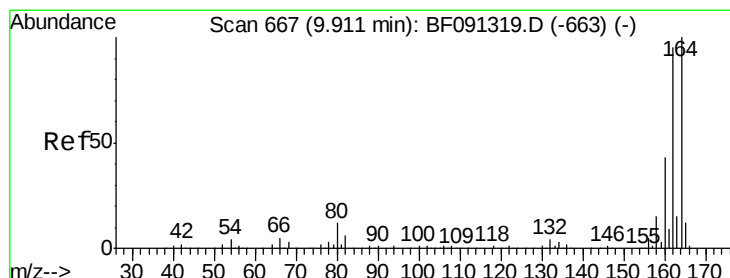
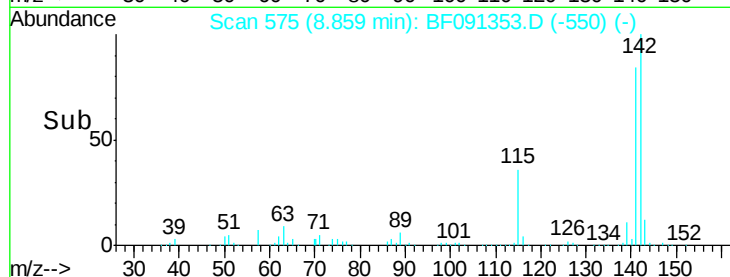
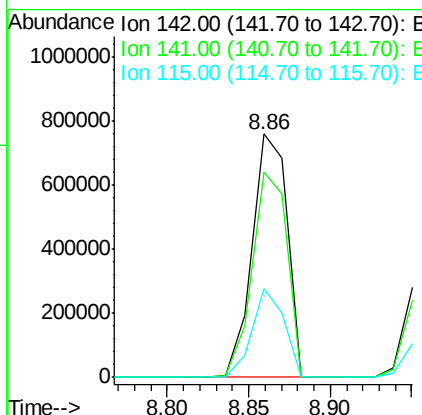
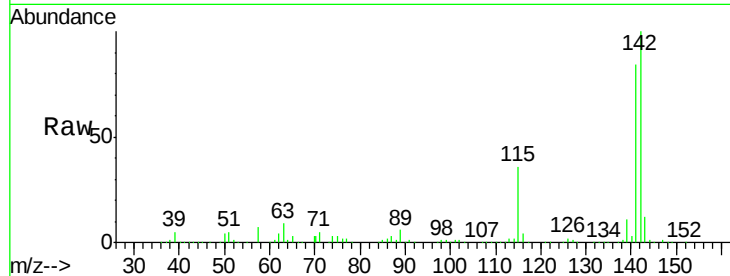
#37
2-Methylnaphthalene
Concen: 44.61 ng
RT: 8.86 min Scan# 575
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.3	71.7	107.5
115	36.4	25.0	37.6

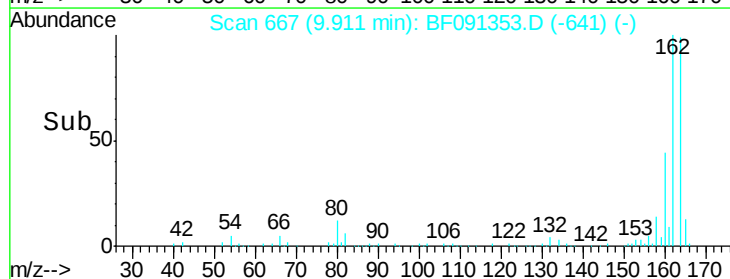
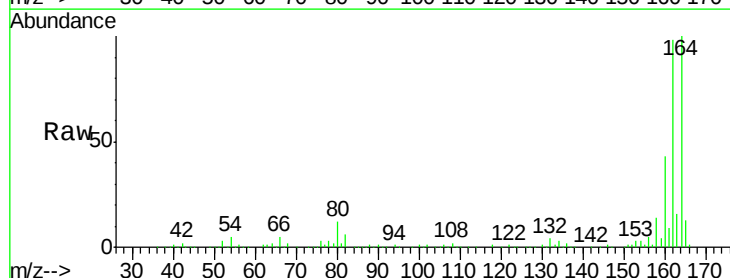
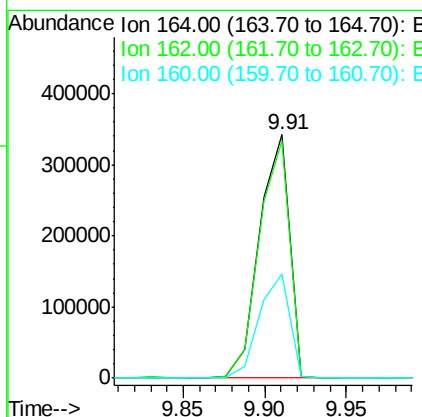
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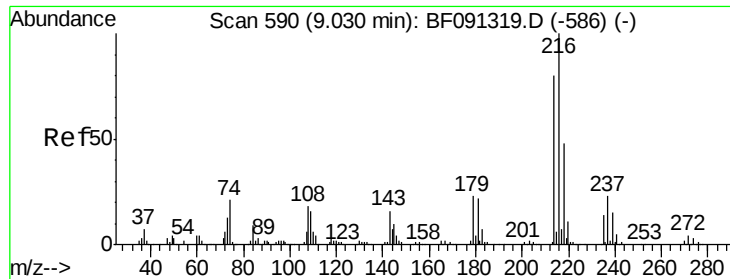
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.6	124.0
160	42.7	36.7	55.1





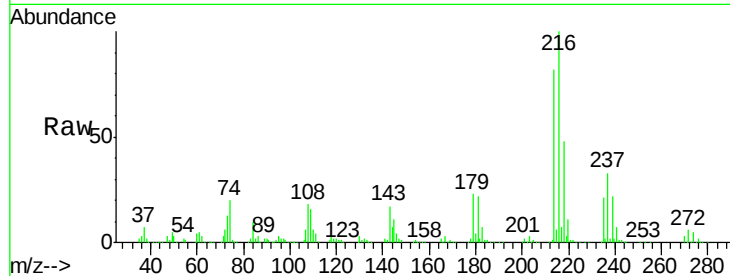
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.25 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

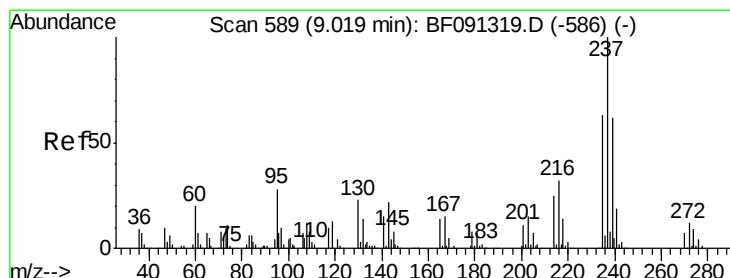
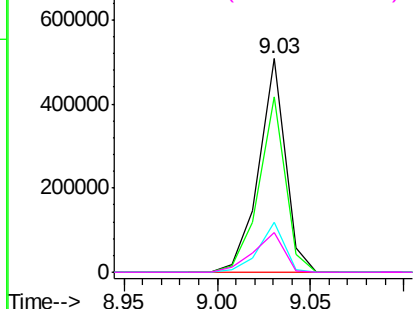
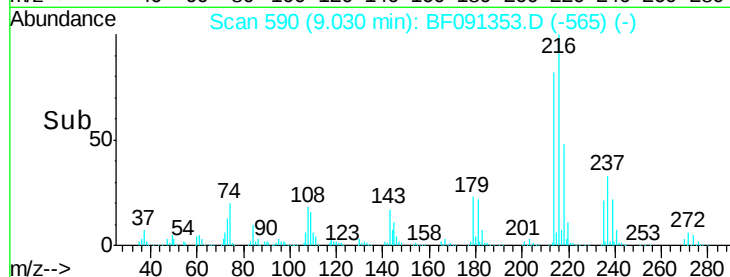
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		500143		
214	81.2	63.8	95.8		
179	22.6	18.2	27.2		
108	21.0	17.2	25.8		

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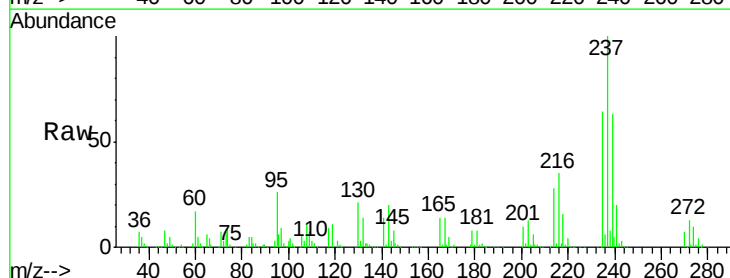


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

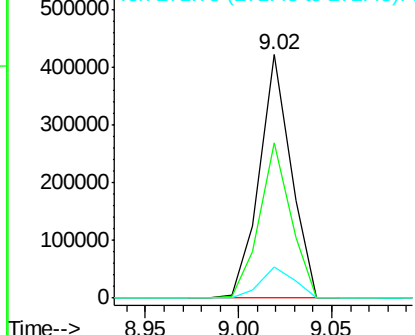
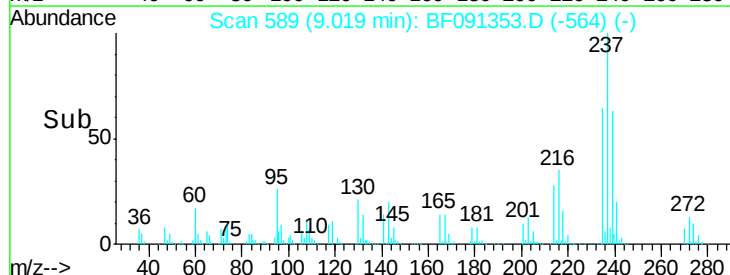


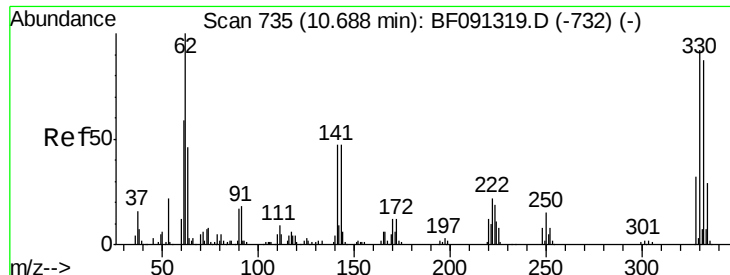
#40
 Hexachlorocyclopentadiene
 Concen: 85.66 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		493380		
235	64.0	43.9	83.9		
272	12.7	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





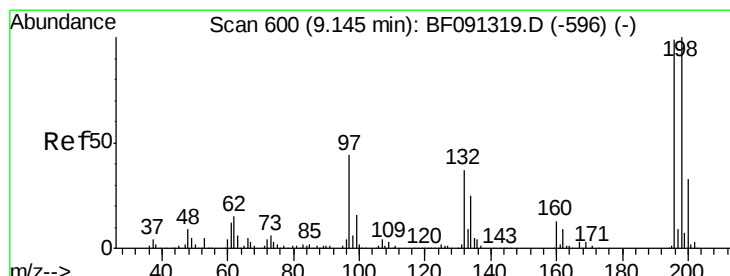
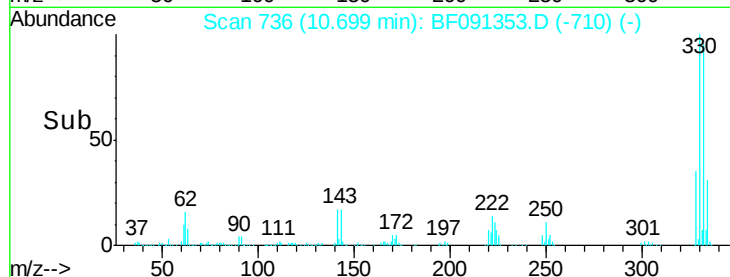
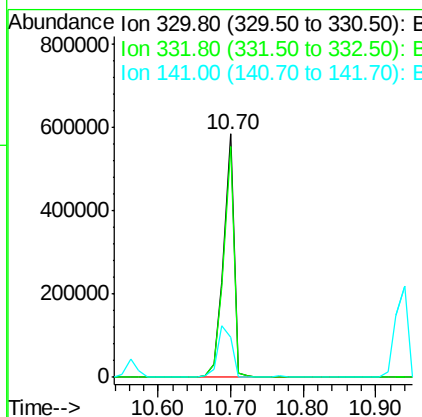
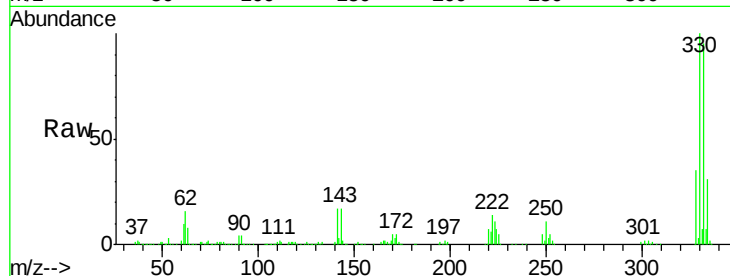
#41
 2,4,6-Tribromophenol
 Concen: 142.65 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	28.5	33.6	50.4

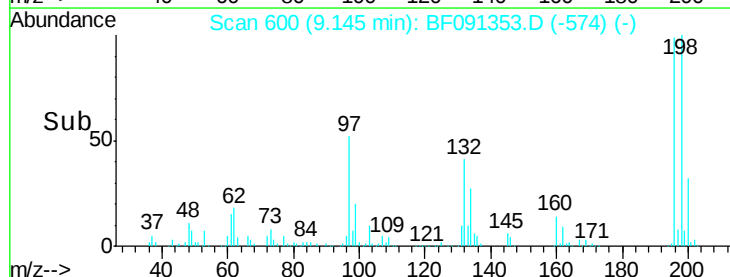
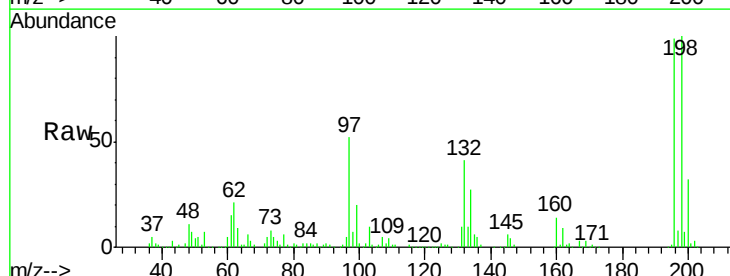
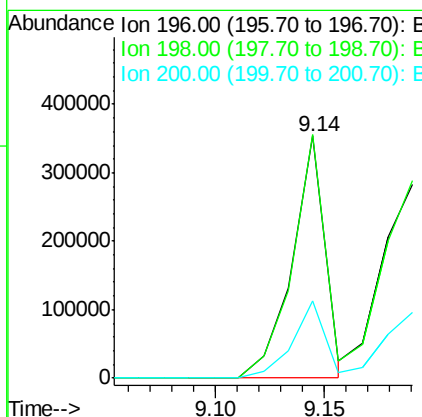
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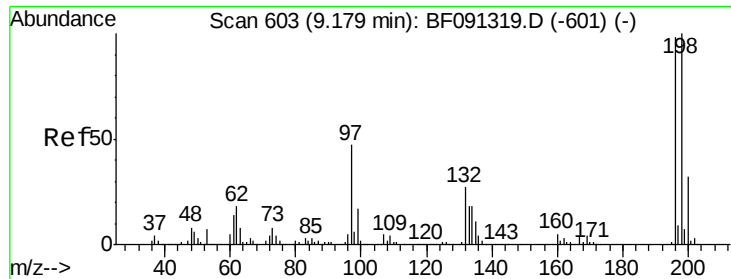
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#42
 2,4,6-Trichlorophenol
 Concen: 46.08 ng
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	77.4	116.0
200	32.2	25.2	37.8





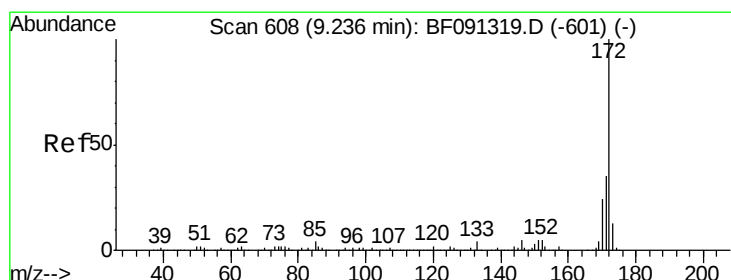
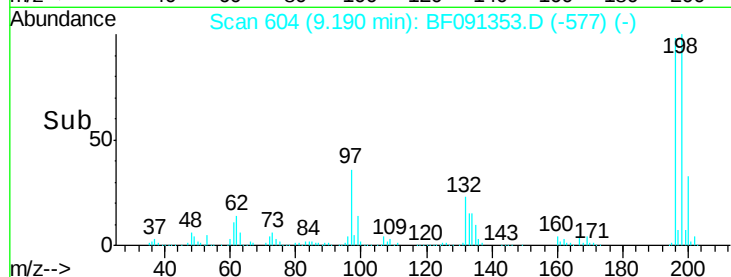
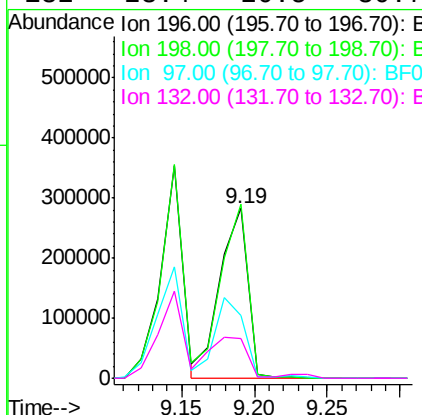
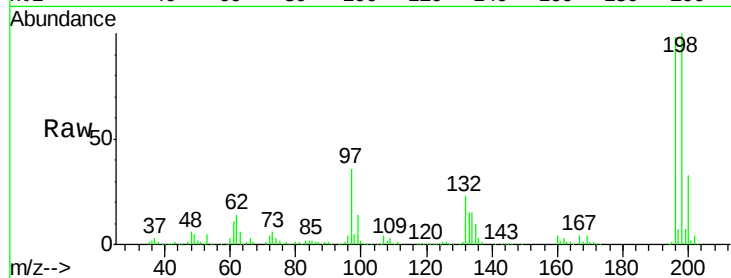
#43
 2,4,5-Trichlorophenol
 Concen: 46.82 ng/ml
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion	196	Resp	378925
Ion Ratio	Lower	Upper	
196	100		
198	102.1	77.0	115.6
97	36.6	33.5	50.3
132	23.4	20.5	30.7

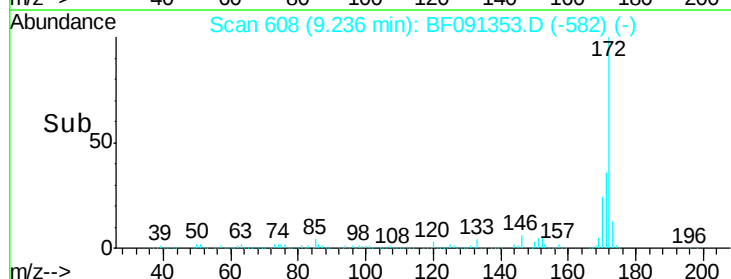
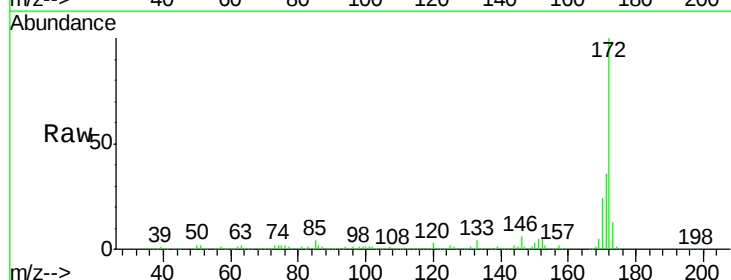
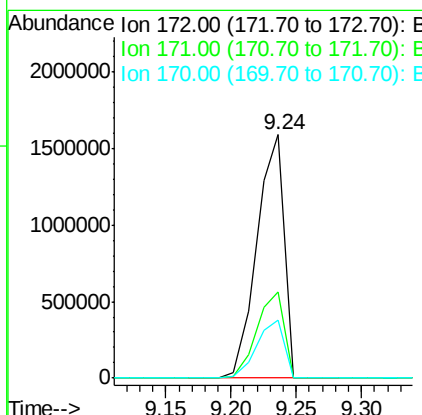
Manual Integrations
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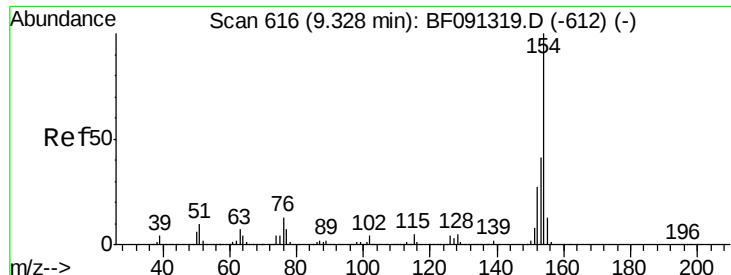
sohil
 12/1/2016 3:27:55 PM



#44
 2-Fluorobiphenyl
 Concen: 95.02 ng
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	172	Resp	2313165
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.0
170	24.0	19.7	29.5





#45

1,1'-Biphenyl

Concen: 40.37 ng

RT: 9.33 min Scan# 616

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:154 Resp: 1279467

Ion Ratio Lower Upper

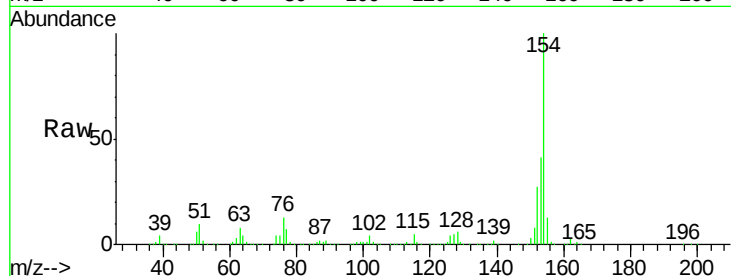
154 100

153 41.0 20.6 60.6

76 13.1 0.0 36.6

Manual Integrations
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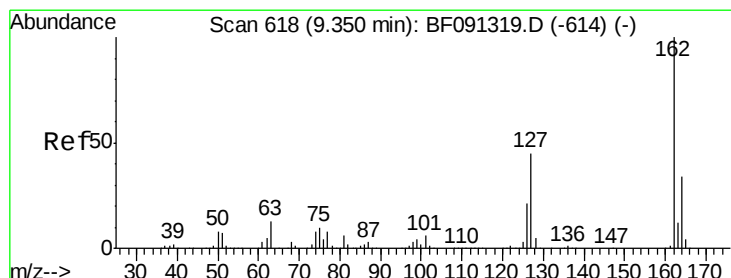
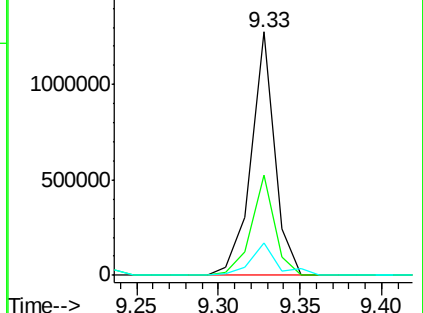
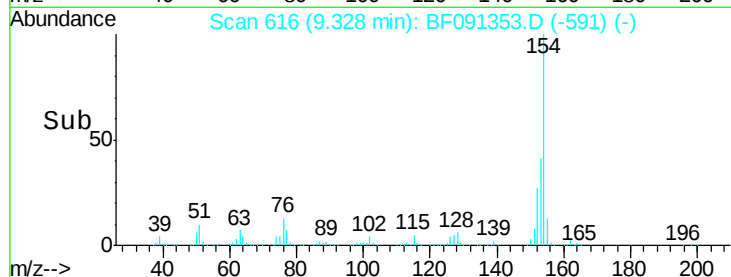
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.01 ng

RT: 9.35 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

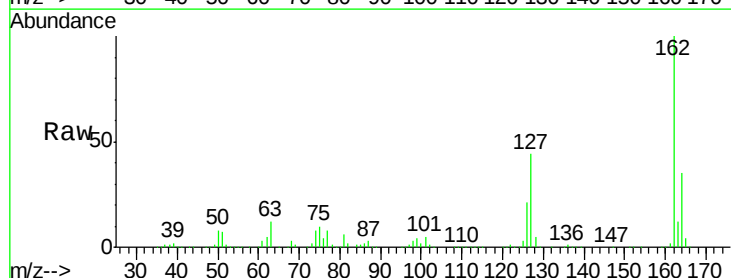
Tgt Ion:162 Resp: 968064

Ion Ratio Lower Upper

162 100

127 44.0 34.3 51.5

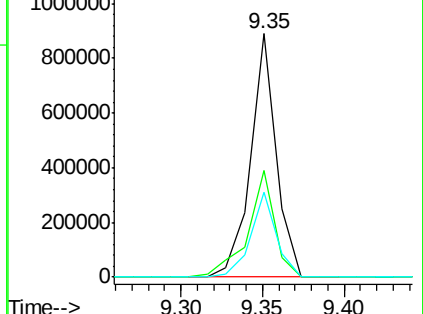
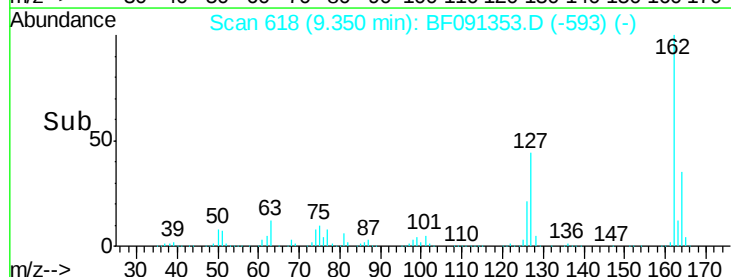
164 35.1 26.6 40.0

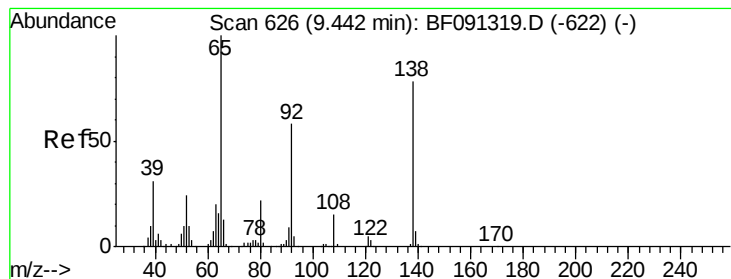


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





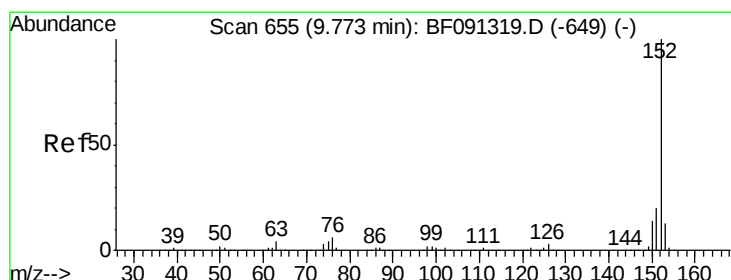
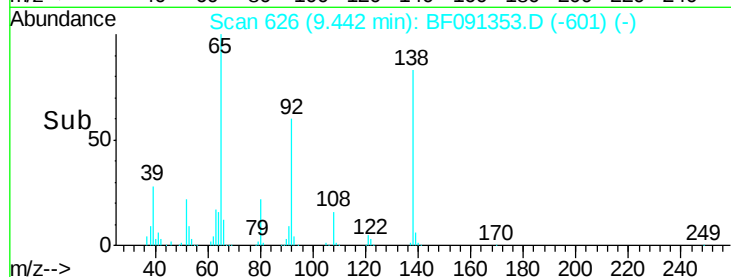
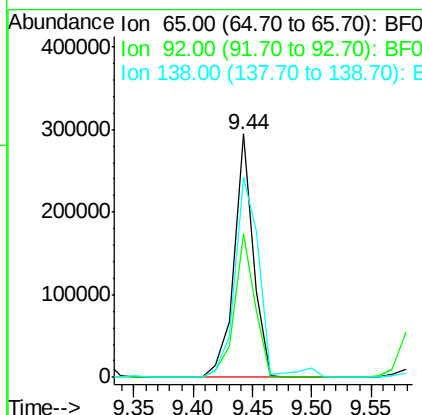
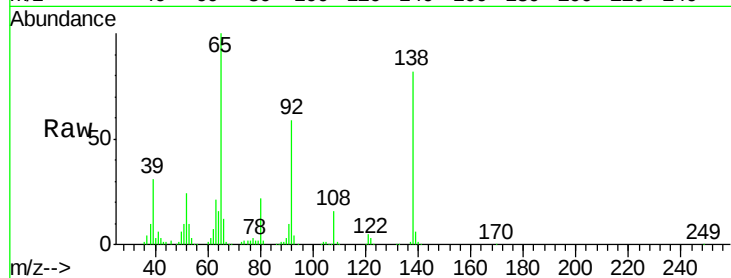
#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.44 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.3	53.6	80.4
138	81.9	91.0	136.6

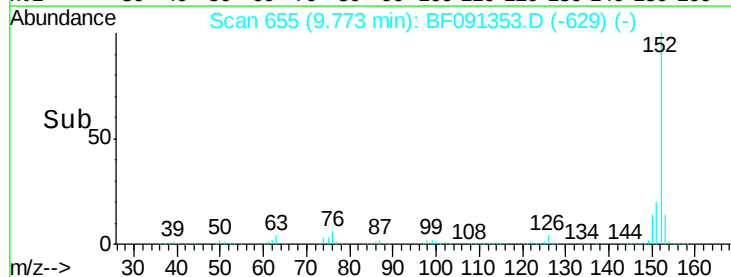
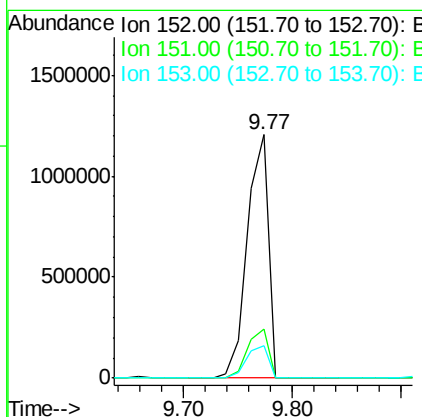
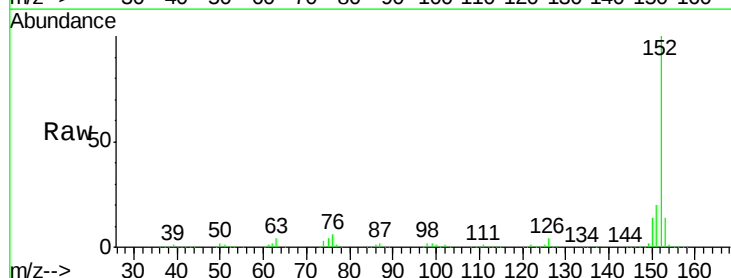
Manual Integrations
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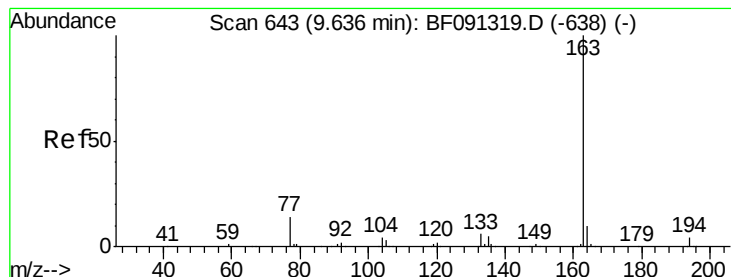
sohil
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#48
Acenaphthylene
Concen: 43.64 ng
RT: 9.77 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.6	24.8
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 48.25 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:163 Resp: 1287912

Ion Ratio Lower Upper

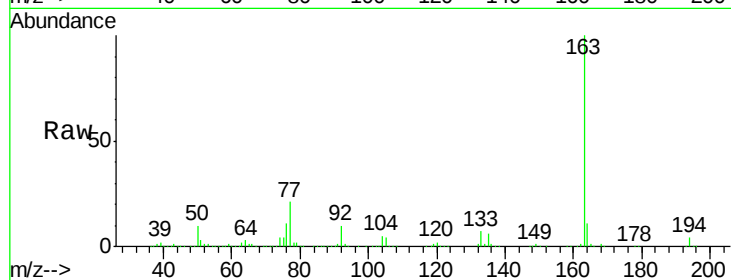
163 100

194 3.8 3.0 4.4

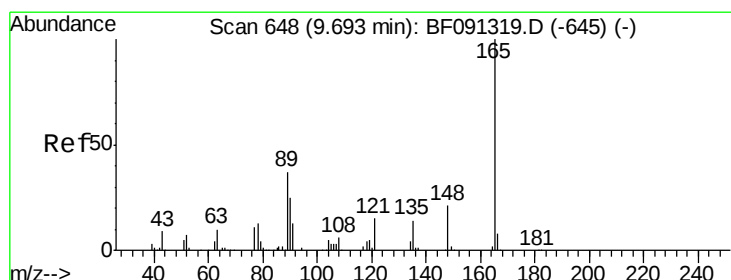
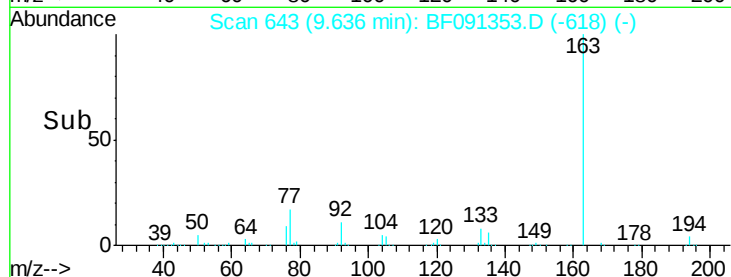
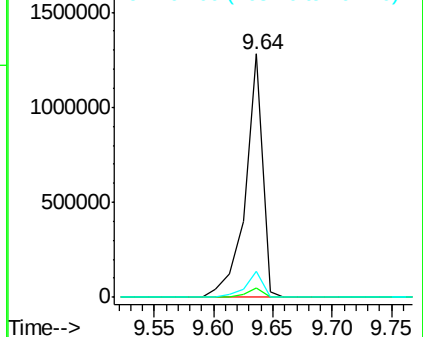
164 10.8 7.8 11.8

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



#50

2,6-Dinitrotoluene

Concen: 51.46 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

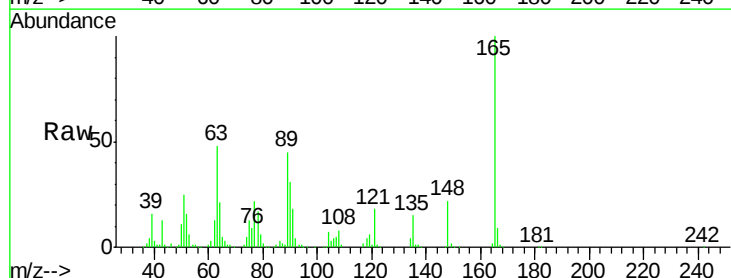
Tgt Ion:165 Resp: 306992

Ion Ratio Lower Upper

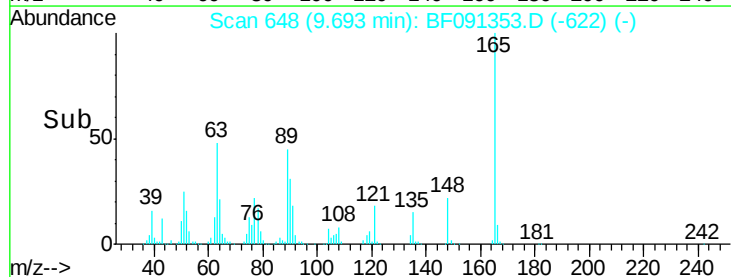
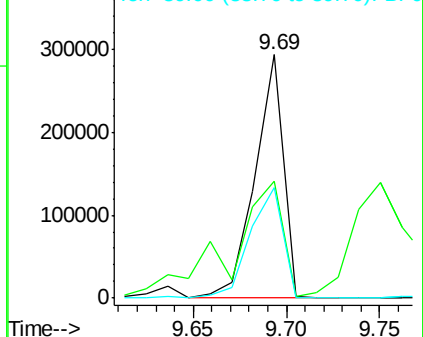
165 100

63 47.9 59.4 89.0#

89 45.2 50.8 76.2#



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





#51

Acenaphthene

Concen: 44.29 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:154 Resp: 1110171

Ion Ratio Lower Upper

154 100

153 111.3 91.0 136.6

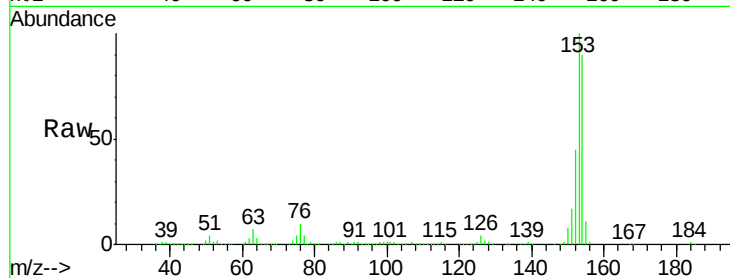
152 50.4 44.2 66.2

Manual Integrations

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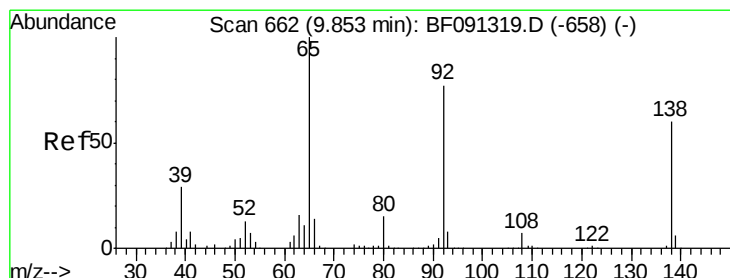
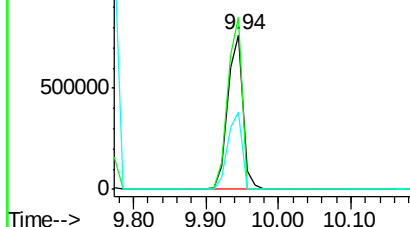
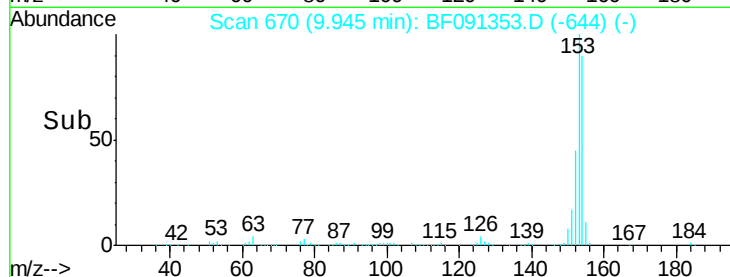
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.18 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

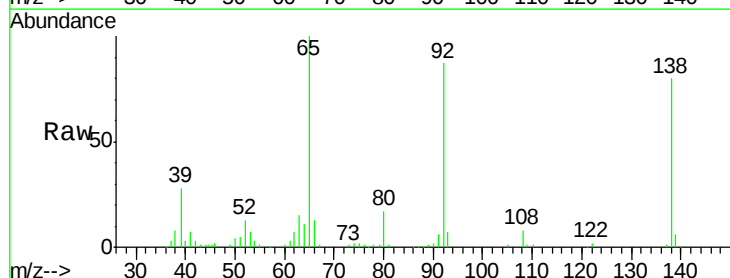
Tgt Ion:138 Resp: 77168

Ion Ratio Lower Upper

138 100

108 10.5 8.1 12.1

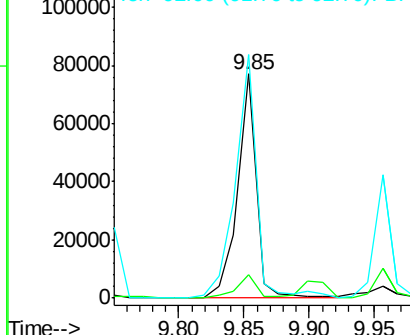
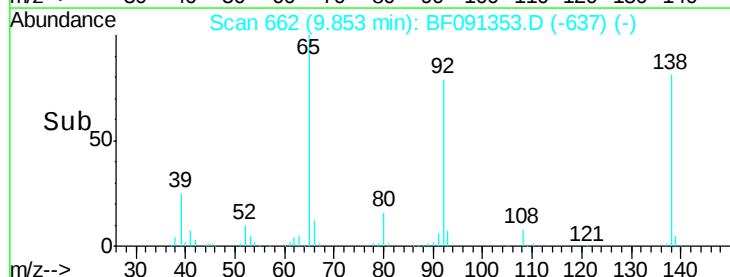
92 108.7 92.5 138.7

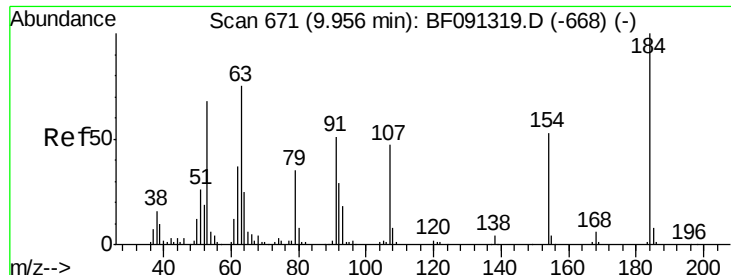


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





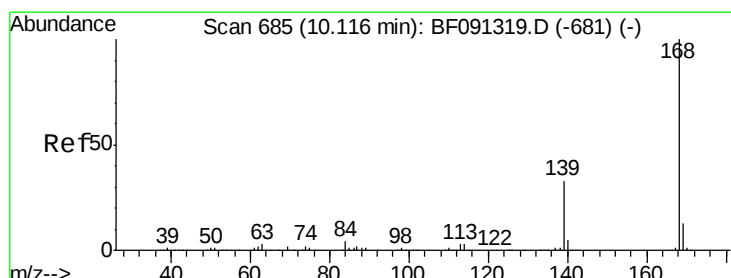
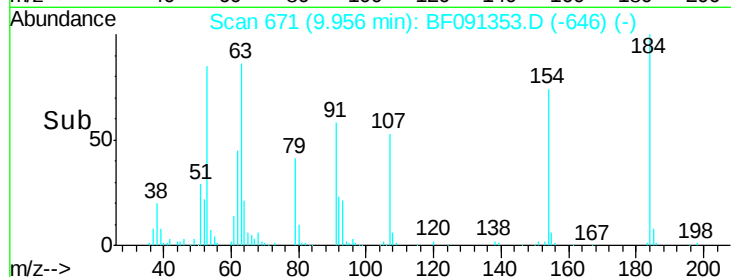
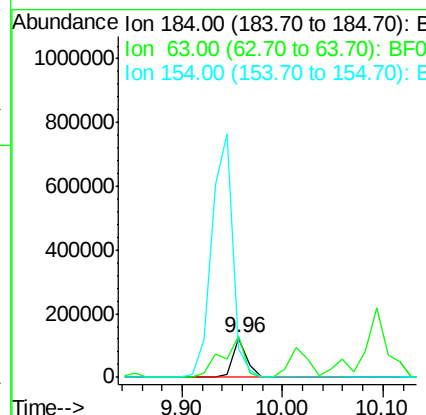
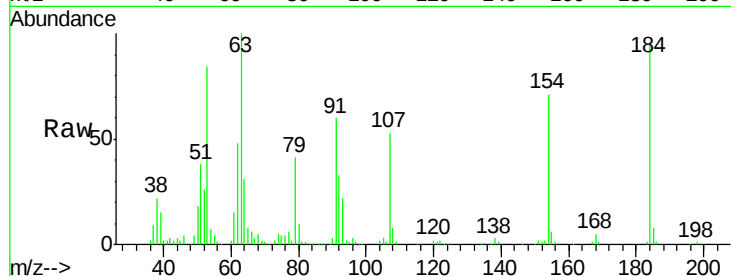
#53
2,4-Dinitrophenol
Concen: 47.07 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	122790		
63	103.8	58.3	87.5#	
154	74.1	48.6	73.0#	

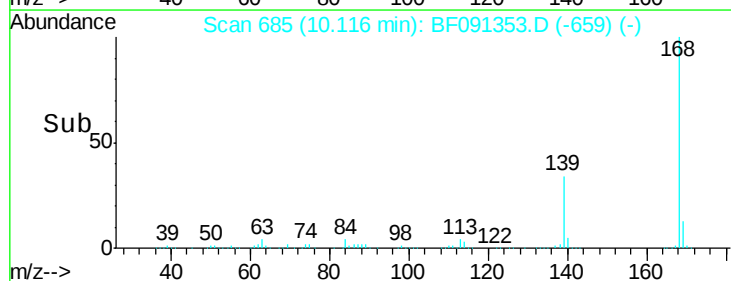
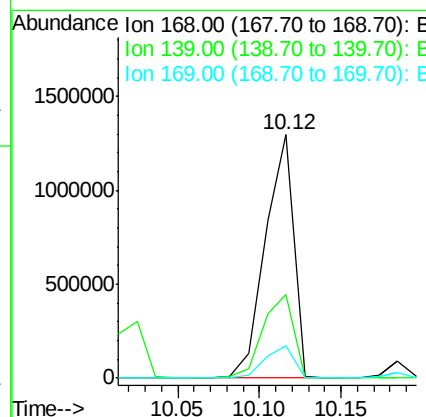
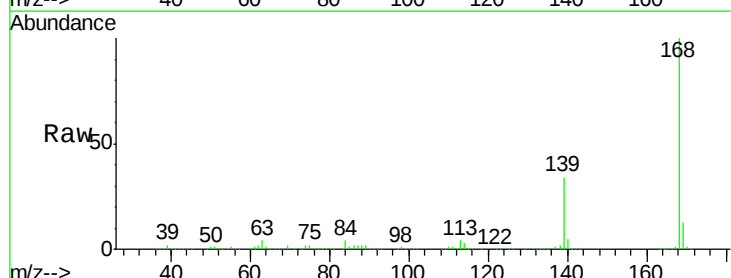
Manual Integrations
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#54
Dibenzofuran
Concen: 46.65 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1565451		
139	34.4	33.4	50.2	
169	13.3	11.1	16.7	





#55

4-Nitrophenol

Concen: 84.73 ng

RT: 10.02 min Scan# 677

Delta R.T. 0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:139 Resp: 422587

Ion Ratio Lower Upper

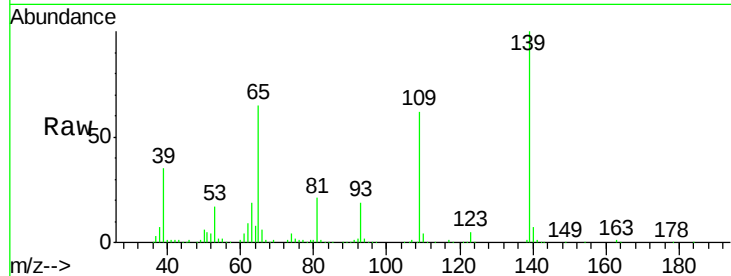
139 100

109 61.9 54.9 94.9

65 64.9 102.2 142.2#

Manual Integrations
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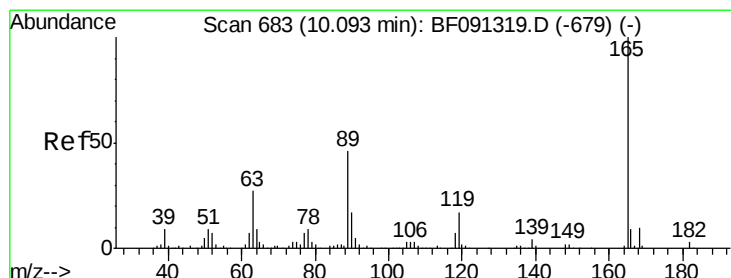
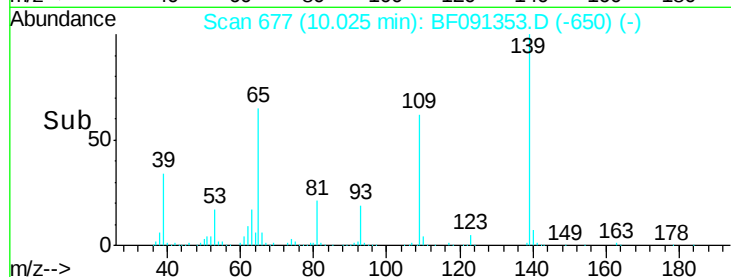
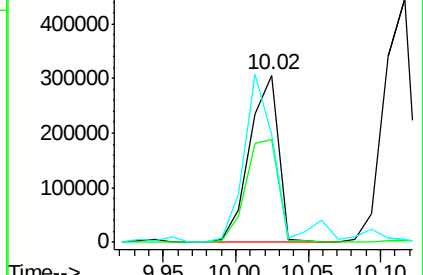
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 49.65 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:165 Resp: 384226

Ion Ratio Lower Upper

165 100

63 53.5 29.0 43.4#

89 74.3 43.1 64.7#

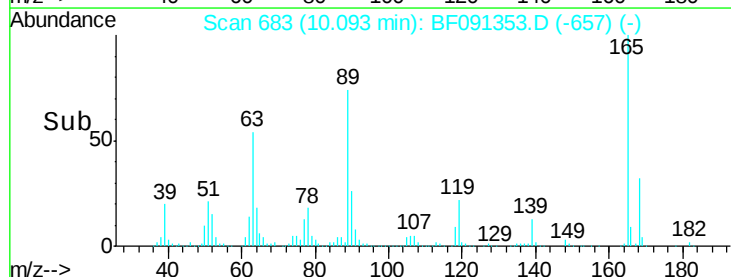
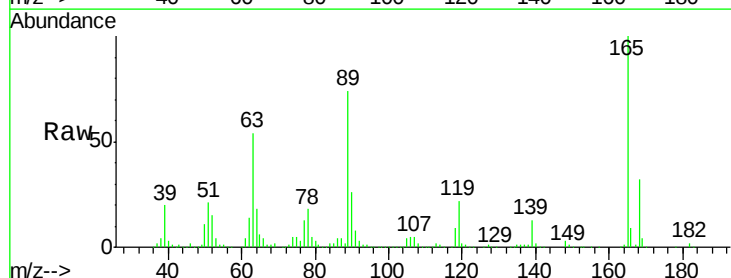
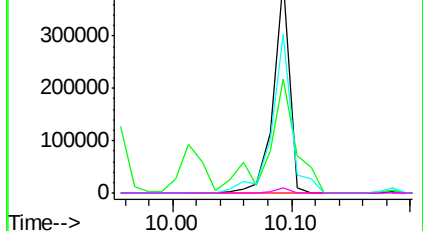
182 2.4 1.9 2.9

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





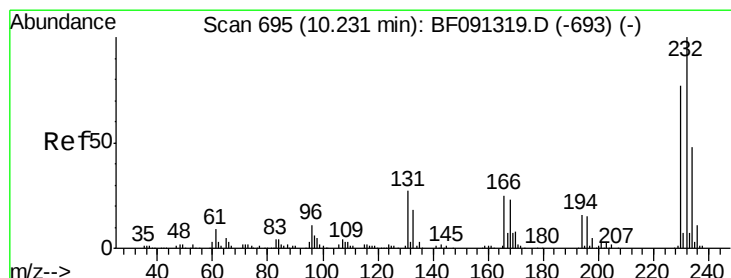
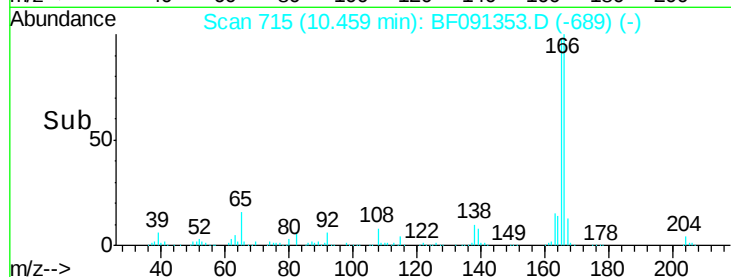
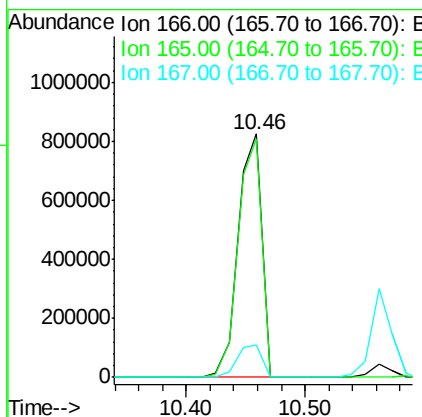
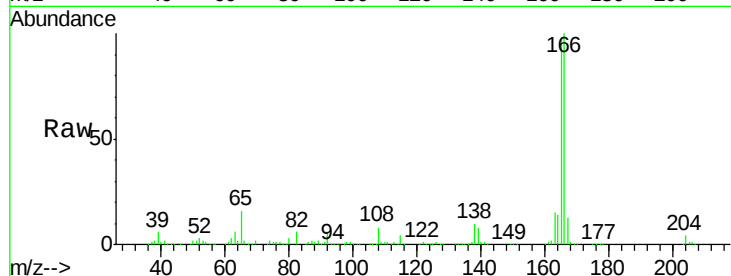
#57
Fluorene
 Concen: 44.27 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion:166 Resp: 1140602
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.0 120.0
 167 13.1 10.8 16.2

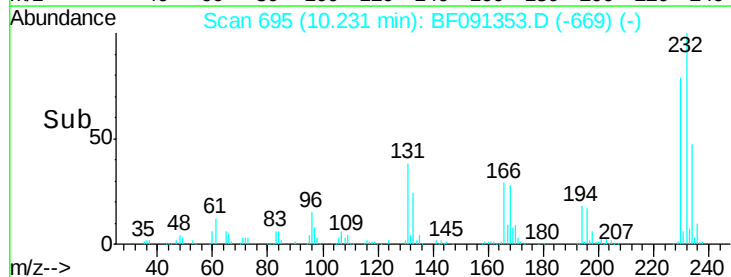
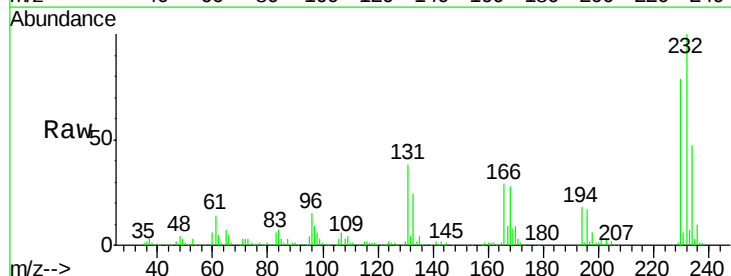
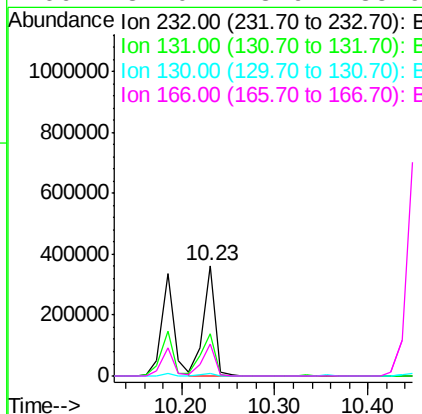
Manual Integrations
 APPROVED

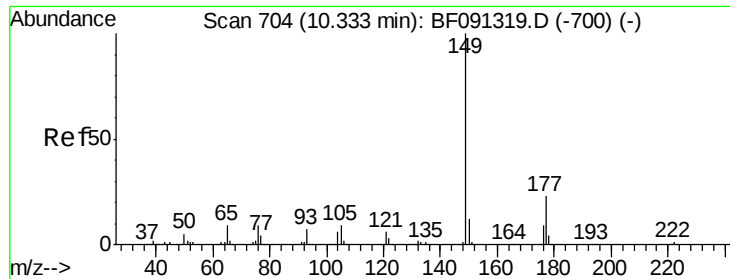
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.85 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:232 Resp: 330670
 Ion Ratio Lower Upper
 232 100
 131 44.1 38.4 57.6
 130 2.1 1.8 2.8
 166 31.0 23.9 35.9





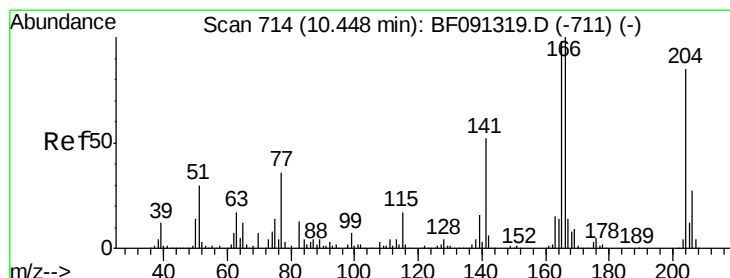
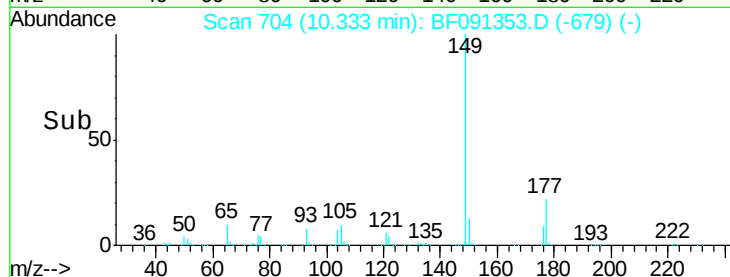
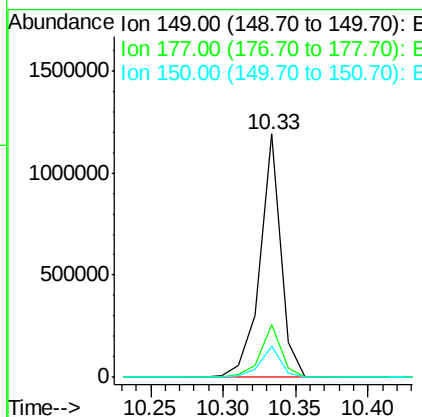
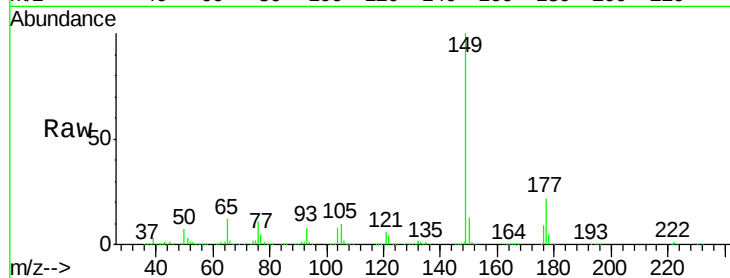
#59
Diethylphthalate
Concen: 44.95 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	15.7	23.5
150	12.7	10.2	15.2

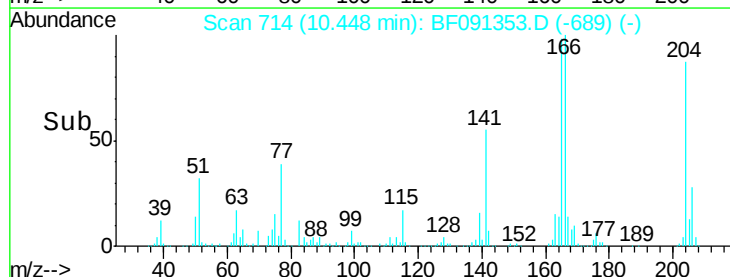
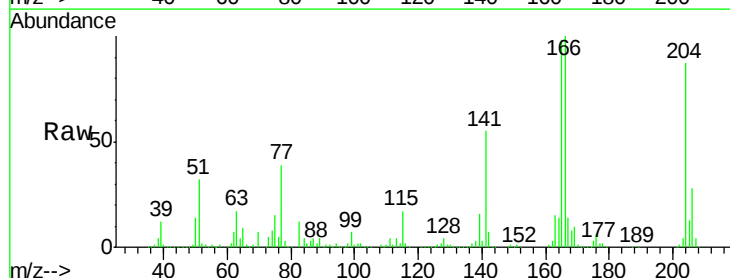
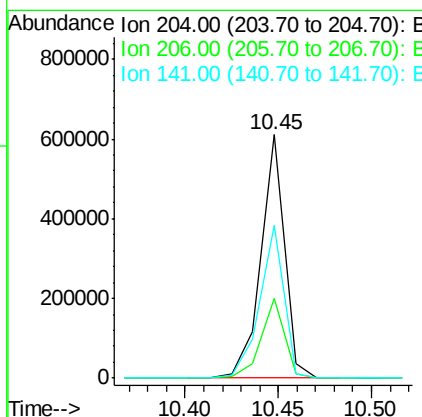
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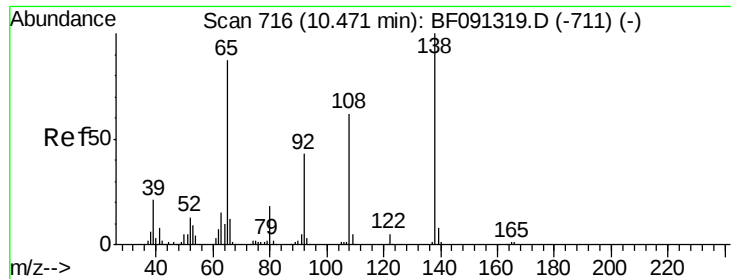
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#60
4-Chlorophenyl-phenylether
Concen: 41.09 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	62.9	40.6	61.0





#61

4-Nitroaniline

Concen: 36.27 ng

RT: 10.47 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

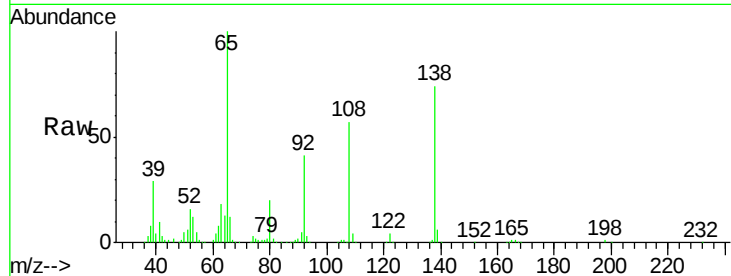
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	138	Resp:	235150
Ion Ratio	Lower	Upper	
138	100		
92	55.3	26.9	66.9
108	78.0	49.1	89.1

Manual Integrations
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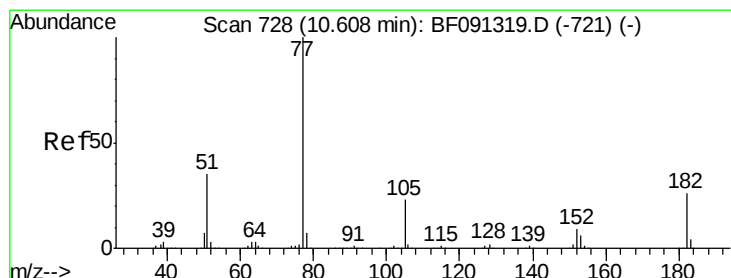
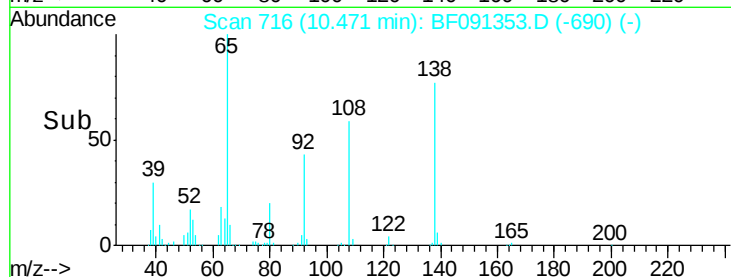
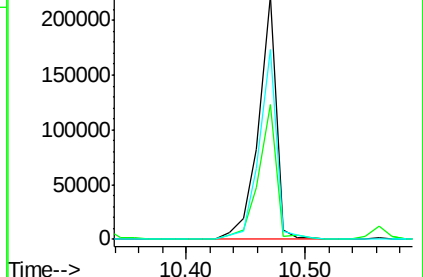
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.26 ng

RT: 10.61 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

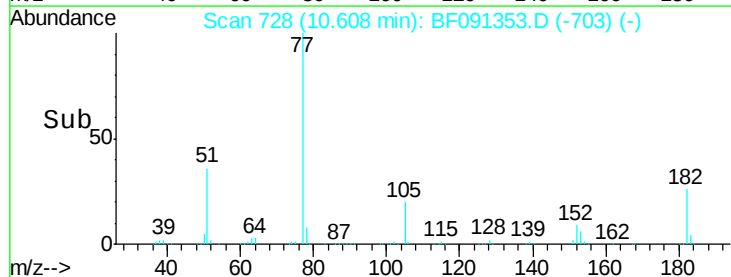
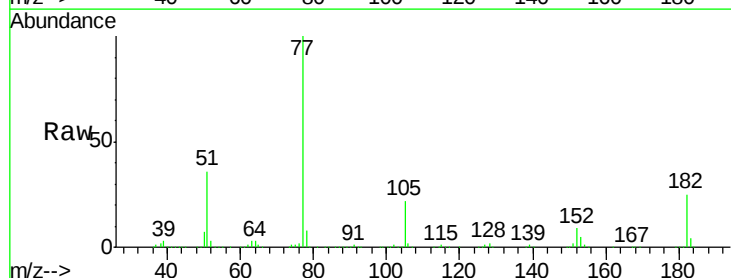
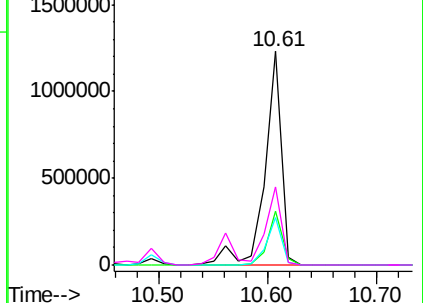
Tgt Ion:	77	Resp:	1324299
Ion Ratio	Lower	Upper	
77	100		
182	25.3	12.5	52.5
105	22.4	3.7	43.7
51	36.4	11.9	51.9

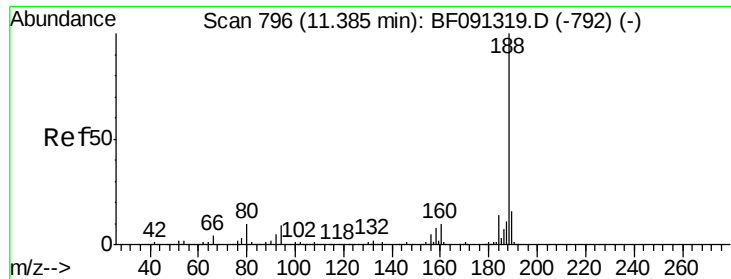
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:188 Resp: 700478

Ion Ratio Lower Upper

188 100

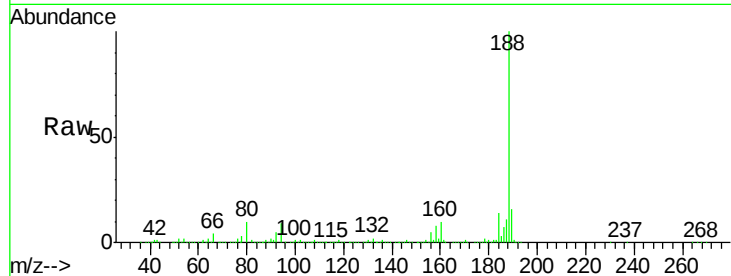
94 9.2 9.2 13.8#

80 9.7 10.5 15.7#

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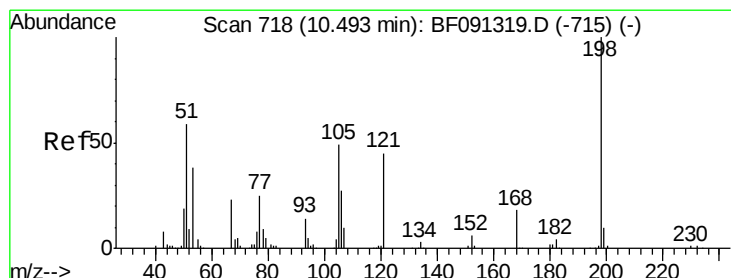
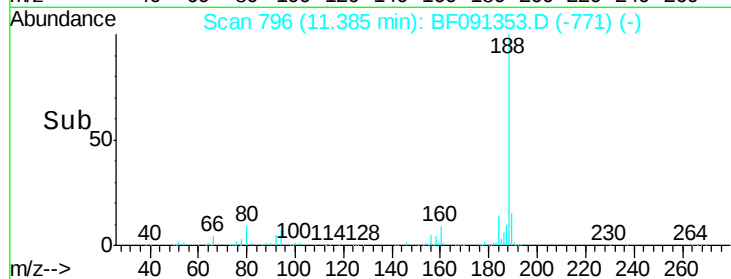
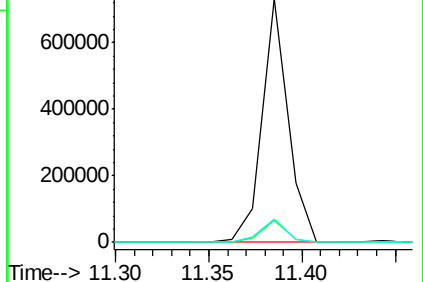
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 32.59 ng

RT: 10.49 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

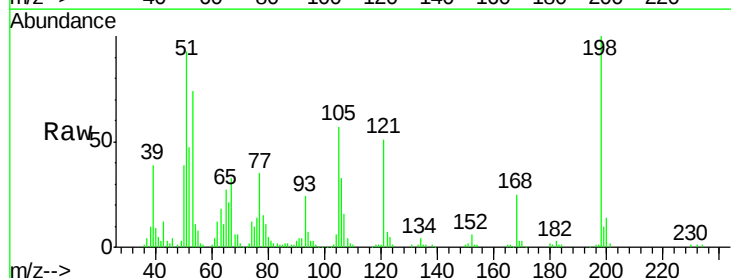
Tgt Ion:198 Resp: 125765

Ion Ratio Lower Upper

198 100

51 93.2 77.1 117.1

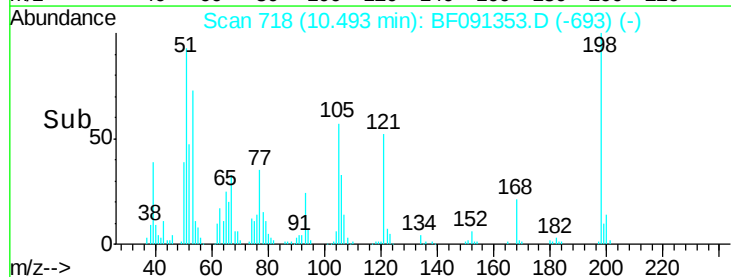
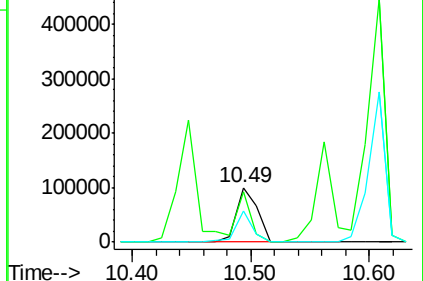
105 57.3 44.8 84.8

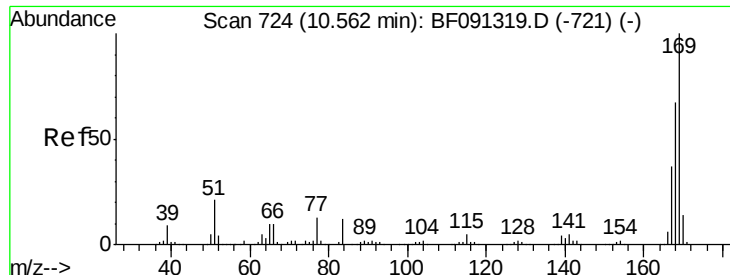


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





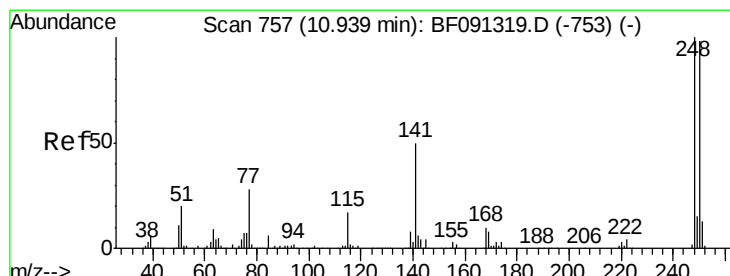
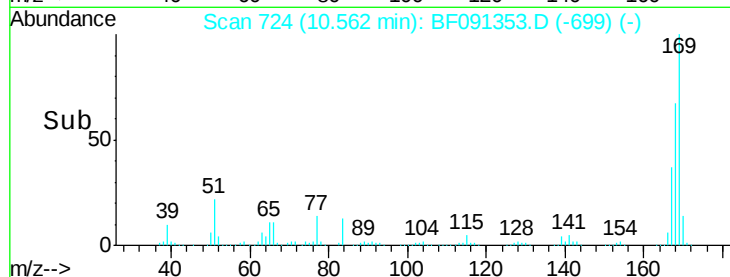
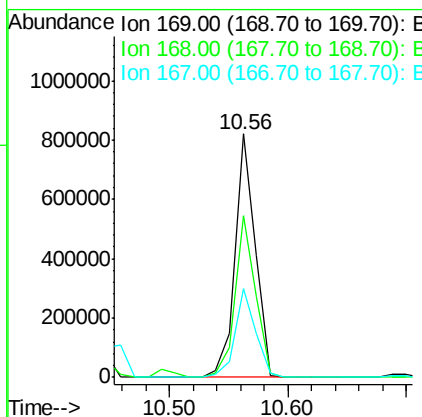
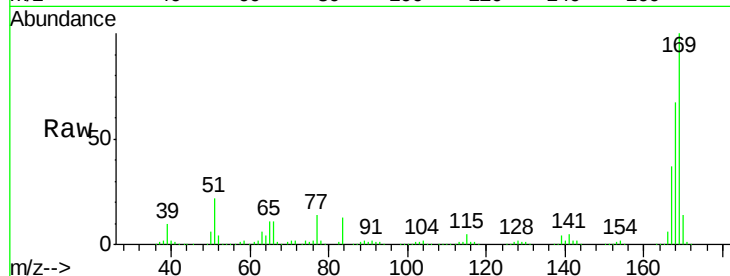
#65
n-Nitrosodiphenylamine
Concen: 45.53 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	966990		
168	66.6	53.8	80.8	
167	36.7	29.8	44.8	

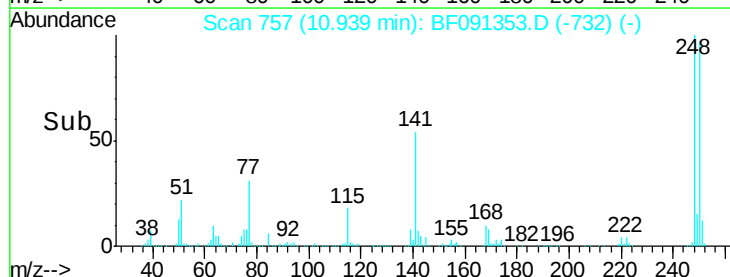
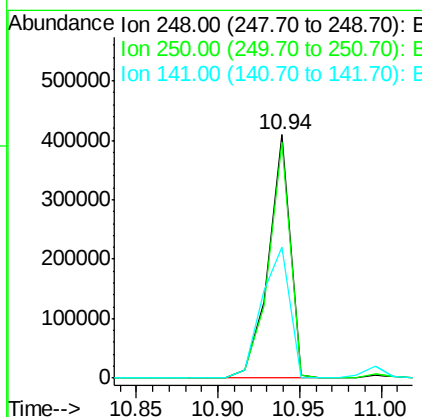
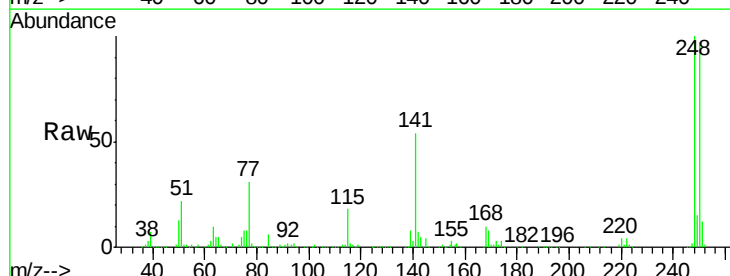
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#66
4-Bromophenyl-phenylether
Concen: 50.69 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	381658		
250	96.8	78.2	117.4	
141	53.6	71.9	107.9#	





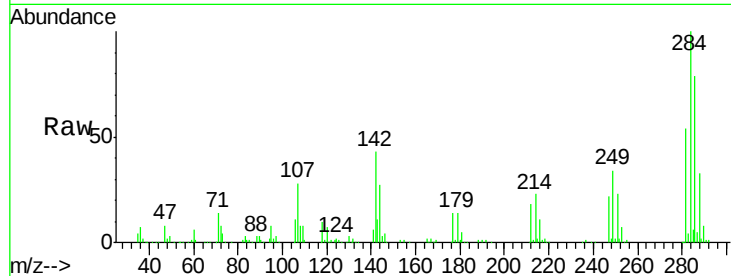
#67
Hexachlorobenzene
Concen: 45.84 ng
RT: 11.00 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

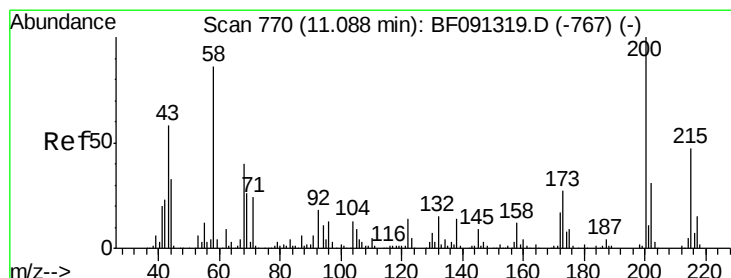
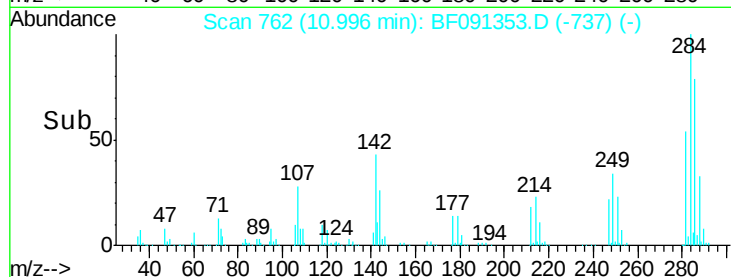
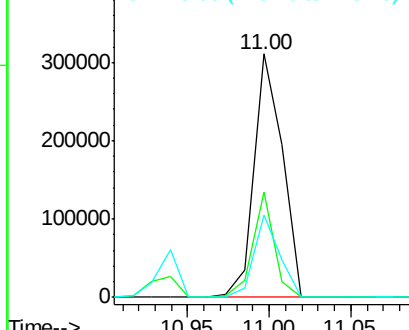
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.1	17.9	26.9	
249	33.7	23.6	35.4	

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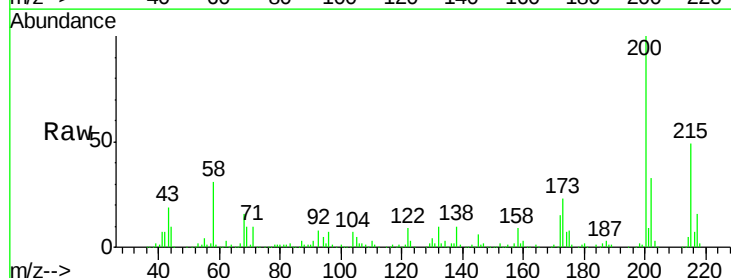


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

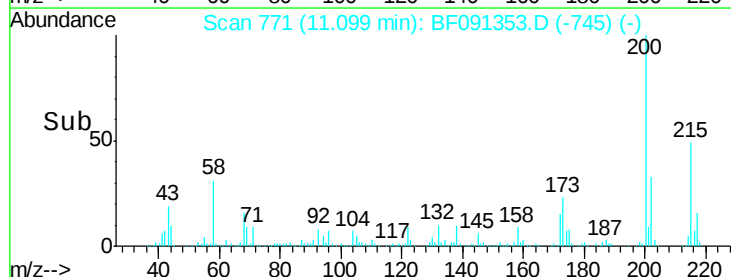
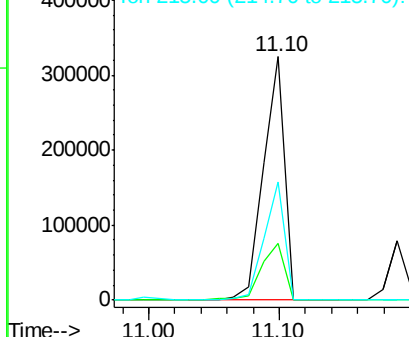


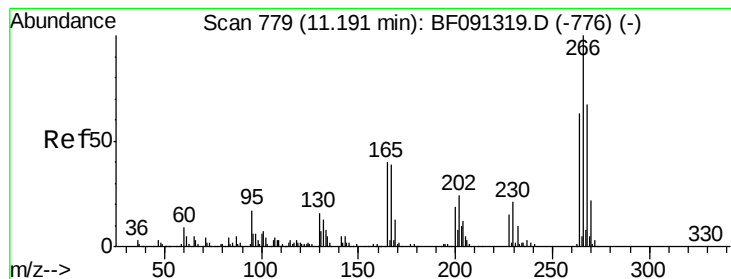
#68
Atrazine
Concen: 52.89 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.1	7.8	47.8	
215	48.7	24.3	64.3	



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





#69

Pentachlorophenol

Concen: 75.04 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

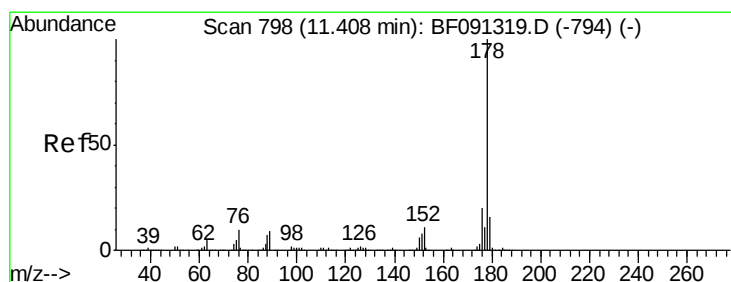
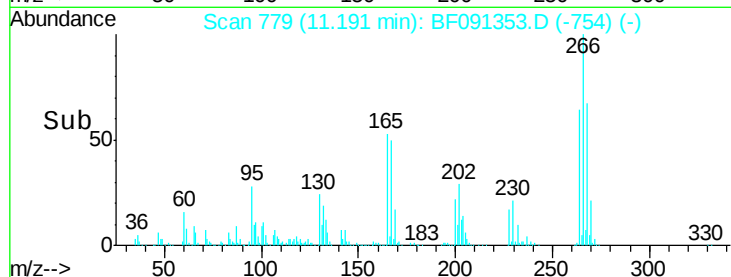
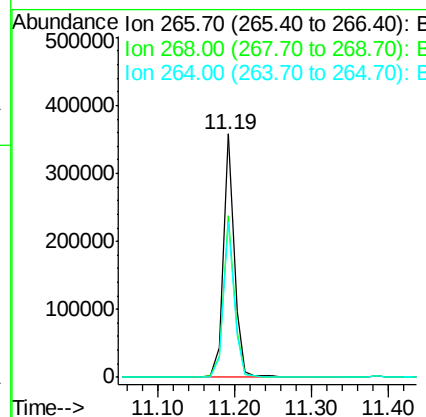
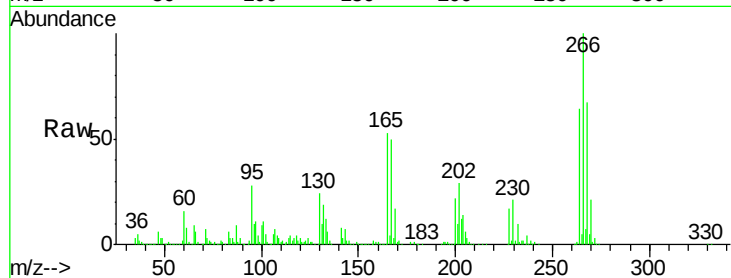
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	266	Resp:	359410
Ion Ratio		Lower	Upper
266	100		
268	66.6	50.3	75.5
264	64.0	48.2	72.2

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#70

Phenanthrene

Concen: 44.51 ng

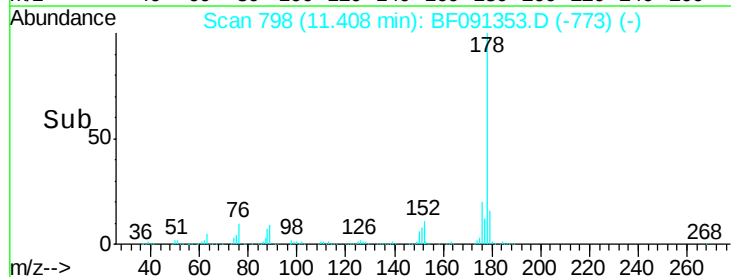
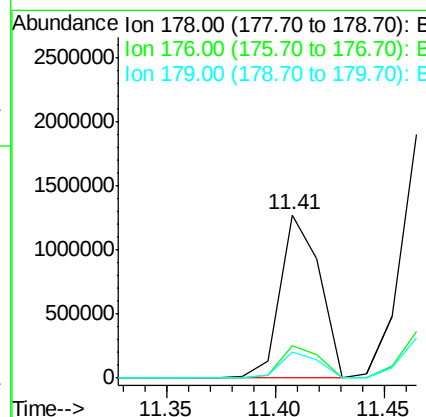
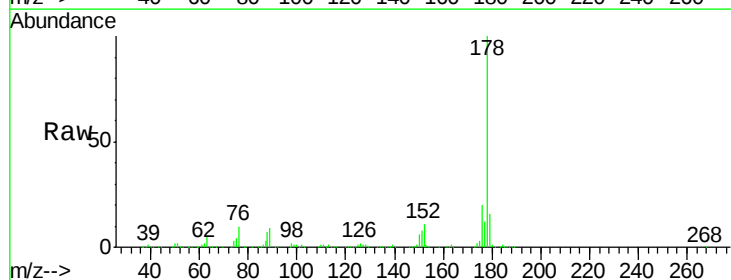
RT: 11.41 min Scan# 798

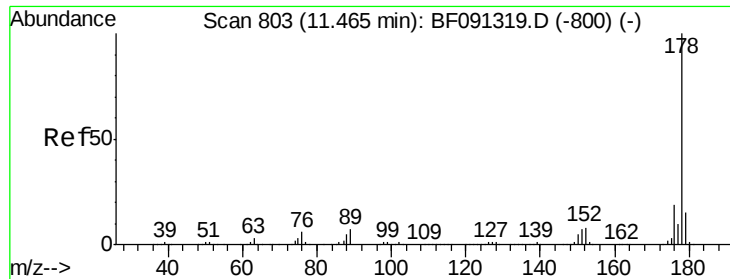
Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	178	Resp:	1620198
Ion Ratio		Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.0	12.6	18.8





#71
 Anthracene
 Concen: 47.45 ng
 RT: 11.46 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

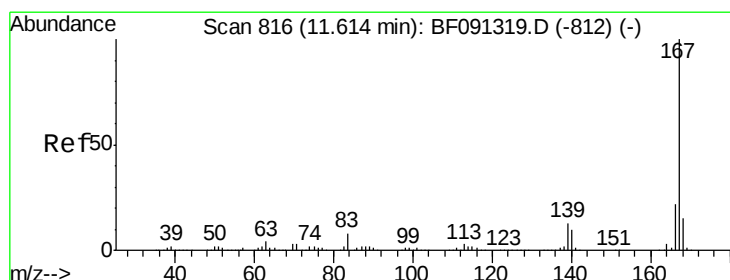
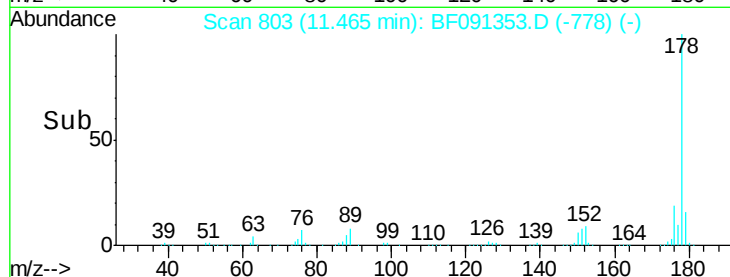
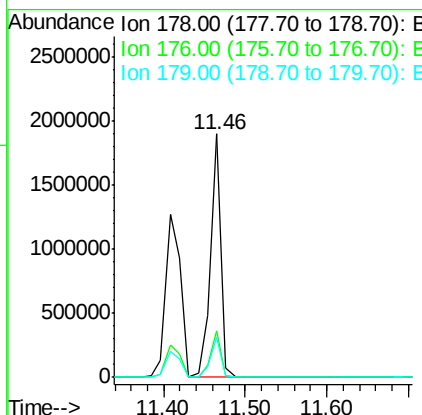
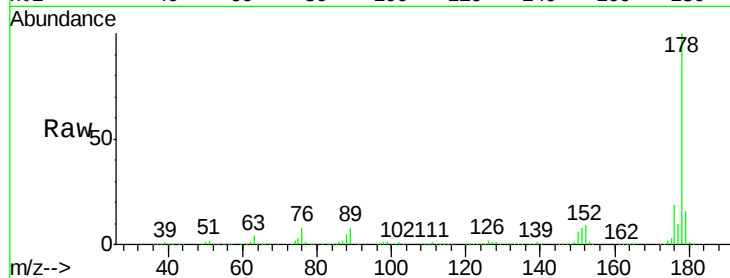
Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion:178 Resp: 1713961

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	16.3	12.7	19.1

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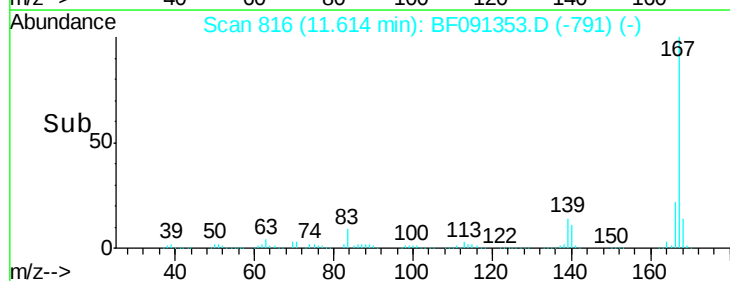
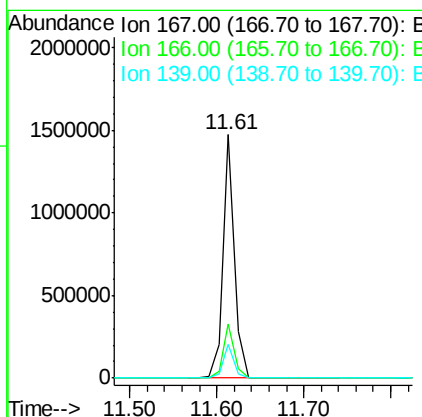
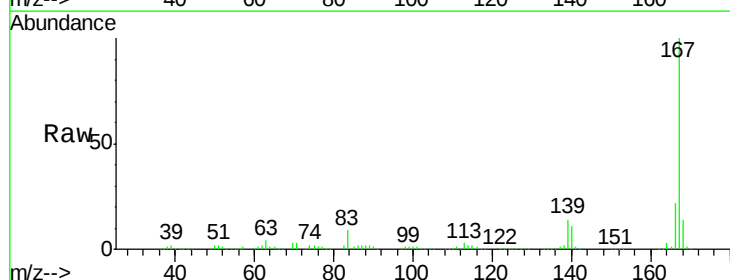
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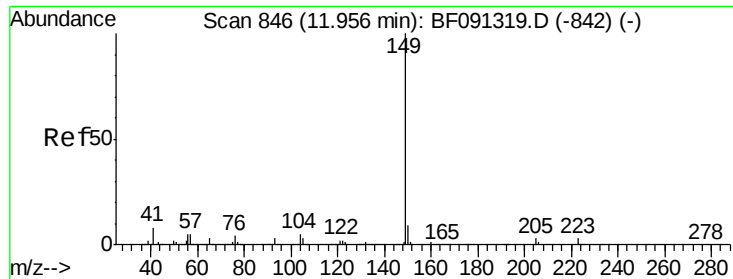


#72
 Carbazole
 Concen: 41.64 ng
 RT: 11.61 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion:167 Resp: 1364920

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





#73

Di-n-butylphthalate

Concen: 50.22 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MS

Tot Ion:149 Resp: 1865661

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

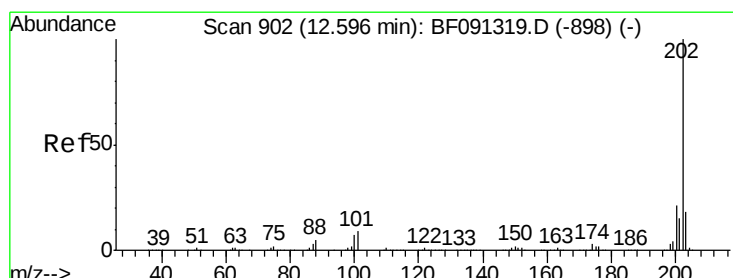
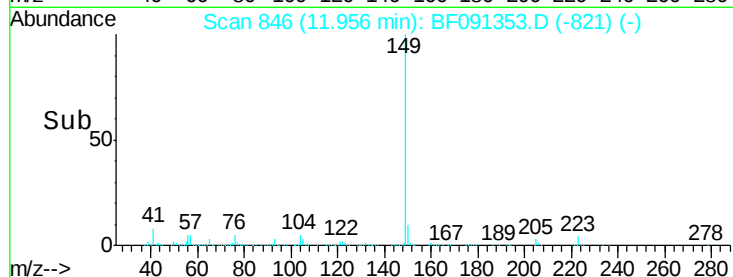
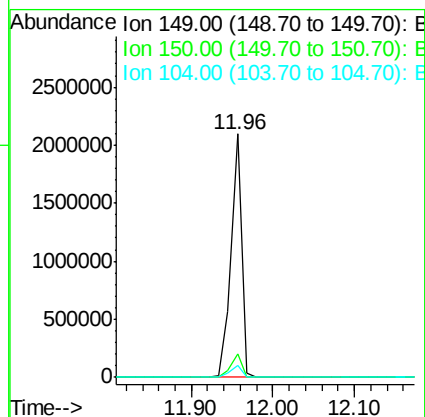
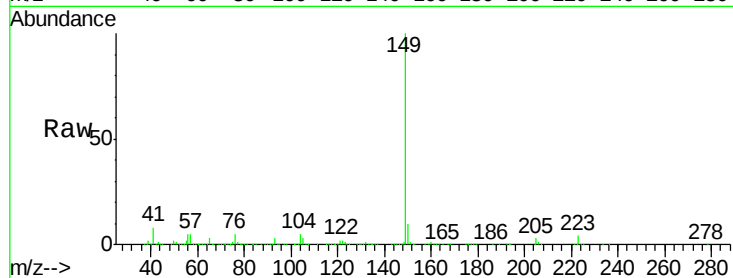
104 4.8 4.0 6.0

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#74

Fluoranthene

Concen: 48.21 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

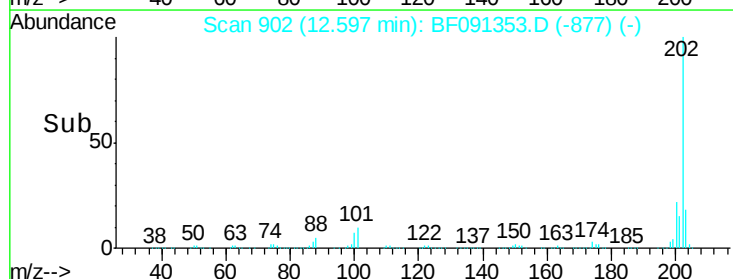
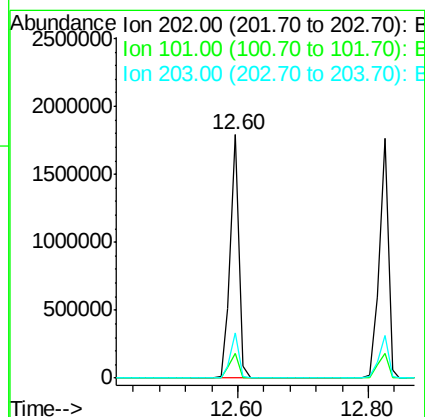
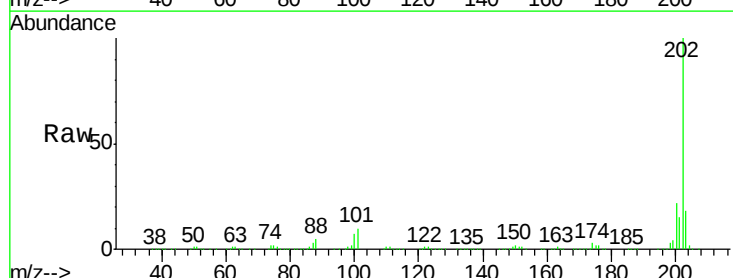
Tgt Ion:202 Resp: 1662290

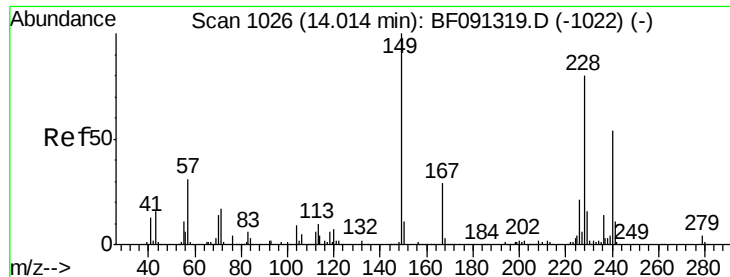
Ion Ratio Lower Upper

202 100

101 10.0 0.0 29.5

203 18.3 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

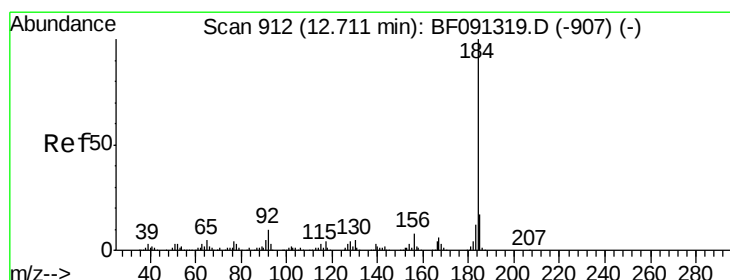
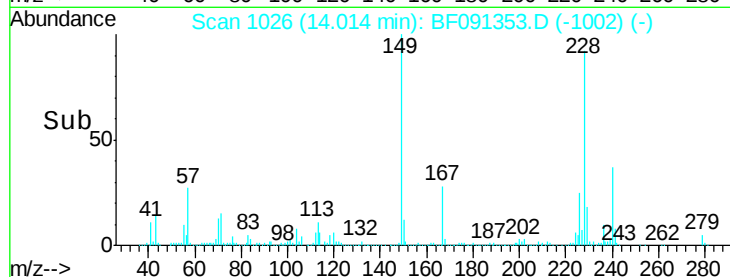
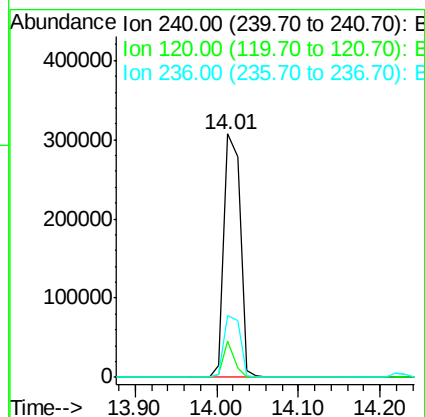
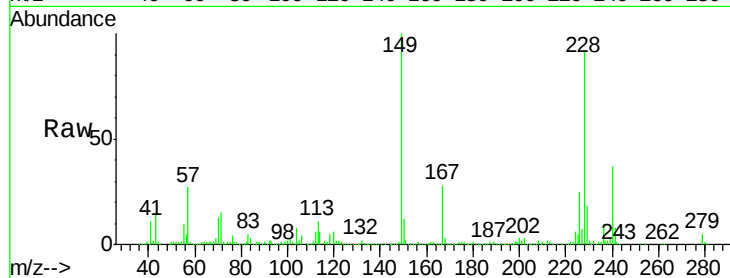
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	240	Resp:	423397
Ion Ratio	Lower	Upper	
240	100		
120	14.8	12.1	18.1
236	25.5	21.0	31.6

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#76

Benzidine

Concen: 6.79 ng

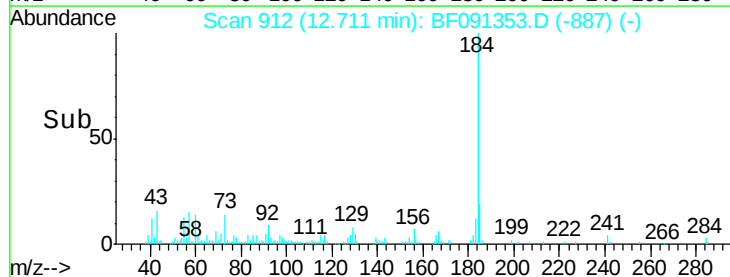
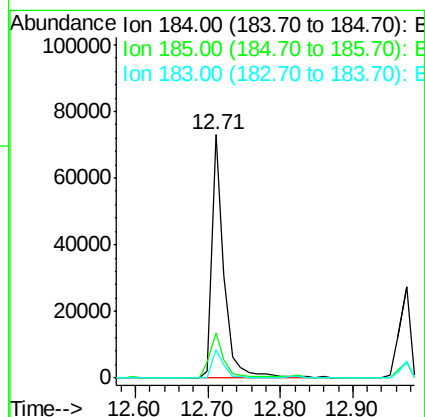
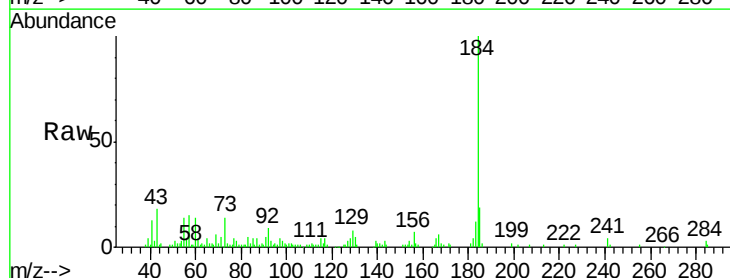
RT: 12.71 min Scan# 912

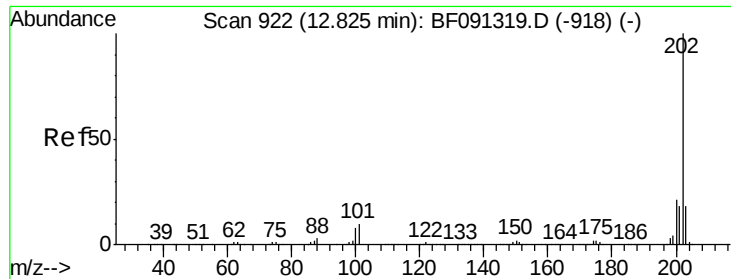
Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	184	Resp:	84371
Ion Ratio	Lower	Upper	
184	100		
185	18.5	13.1	19.7
183	11.5	8.9	13.3





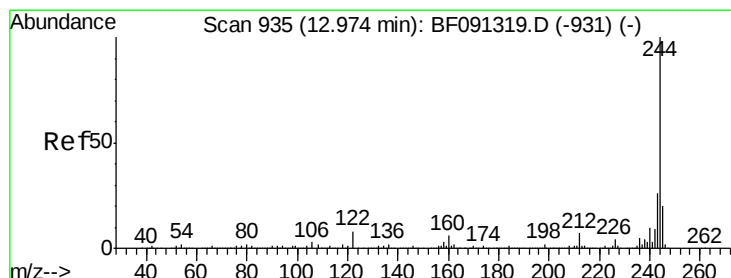
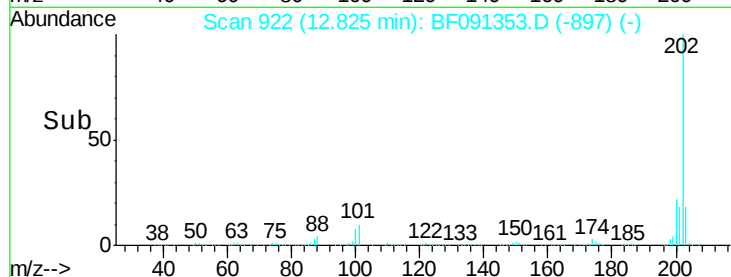
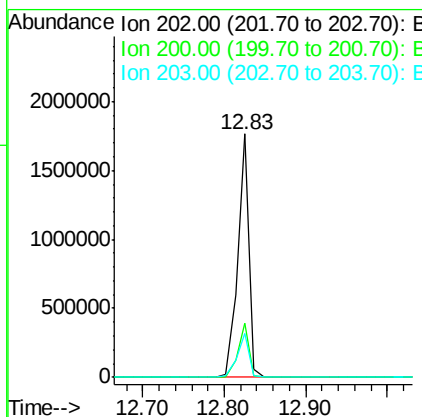
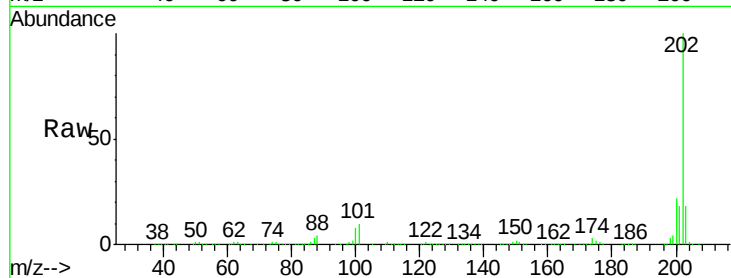
#77
Pvrene
Concen: 52.53 ng
RT: 12.83 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.6	26.4
203	17.8	14.0	21.0

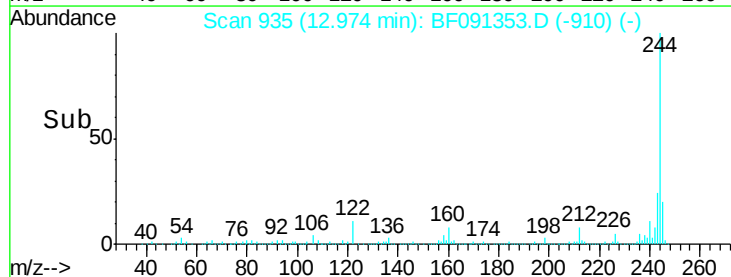
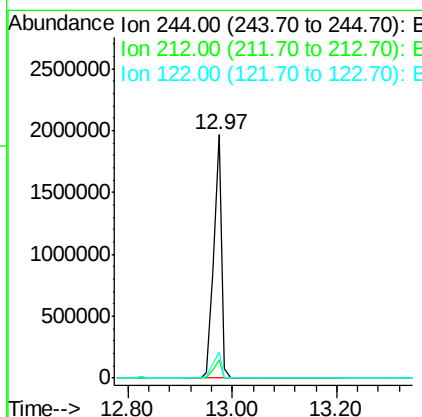
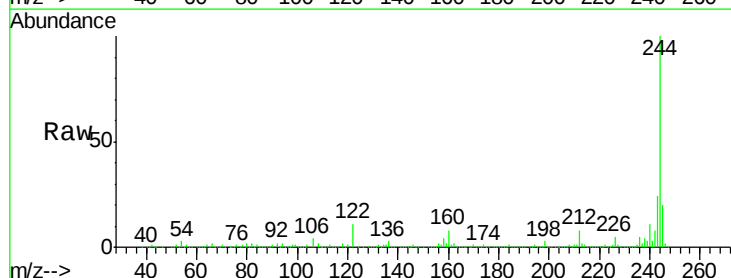
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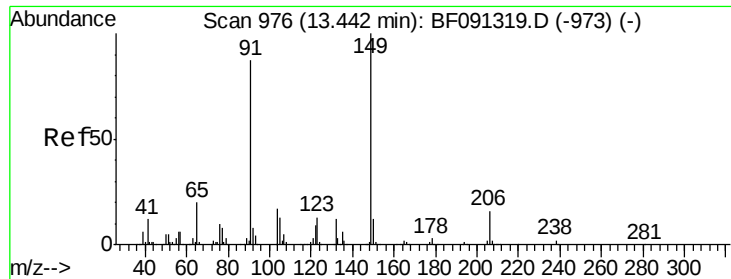
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#78
Terphenyl-d14
Concen: 104.59 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.5	9.7
122	10.5	9.5	14.3





#79

Butylbenzylphthalate

Concen: 56.18 ng

RT: 13.44 min Scan# 976

Delta R.T. -0.03 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Instrument :

BNA_F

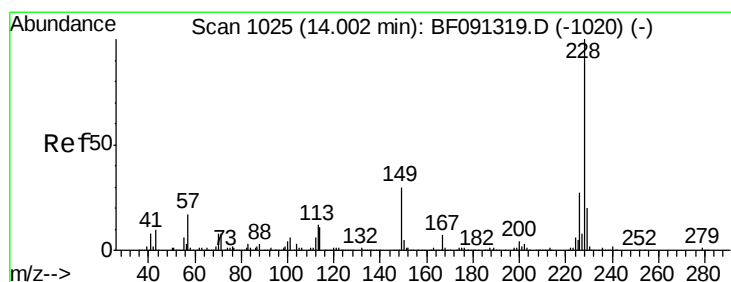
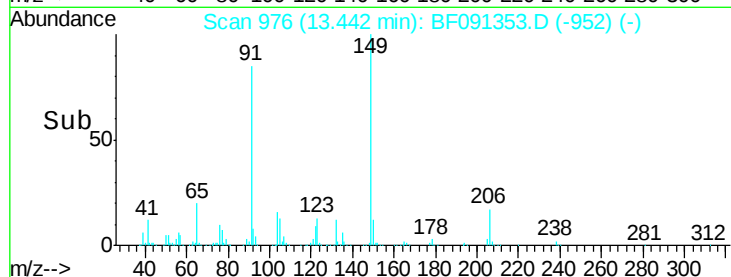
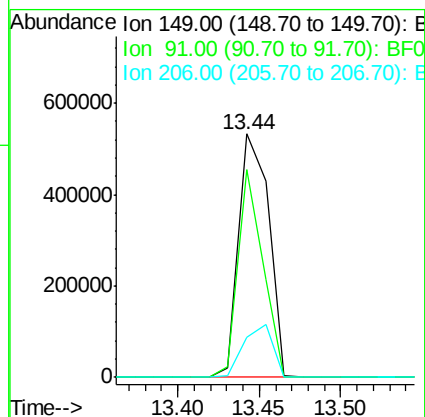
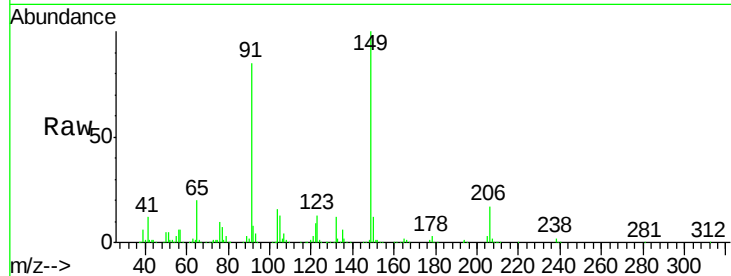
ClientSampleId :

GRID-MM4-6MS

Tot Ion:	149	Resp:	675912
Ion Ratio	Lower	Upper	
149	100		
91	85.2	57.4	86.2
206	16.6	15.4	23.2

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#80

Benzo(a)anthracene

Concen: 49.85 ng

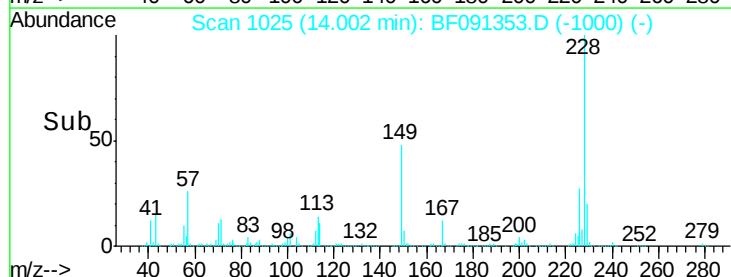
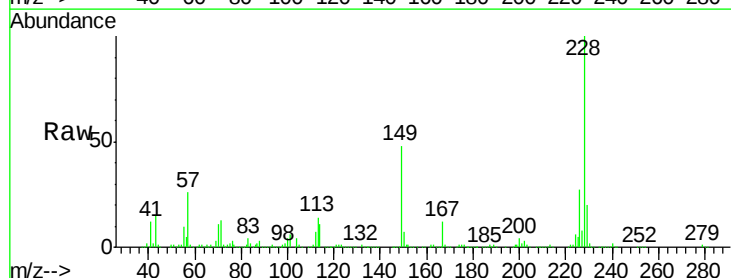
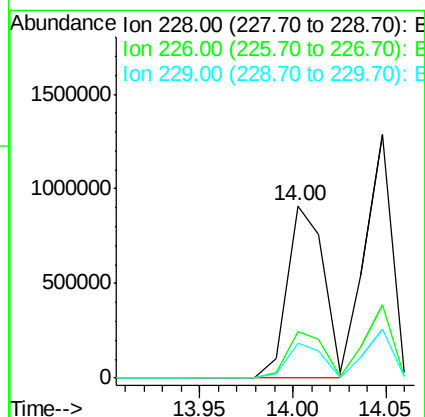
RT: 14.00 min Scan# 1025

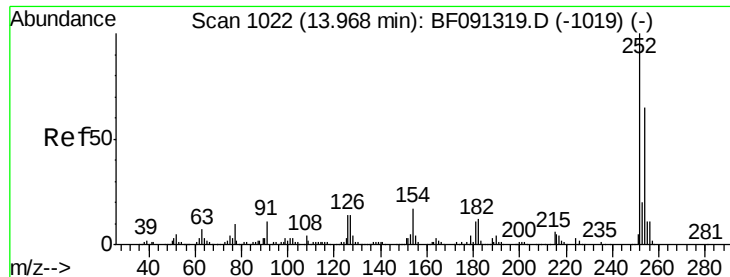
Delta R.T. -0.02 min

Lab File: BF091353.D

Acq: 30 Nov 2016 14:42

Tgt Ion:	228	Resp:	1234364
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.5	33.7
229	20.1	16.4	24.6





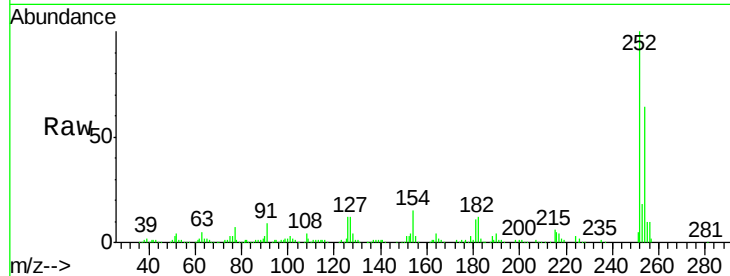
#81
 3,3'-Dichlorobenzidine
 Concen: 19.41 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

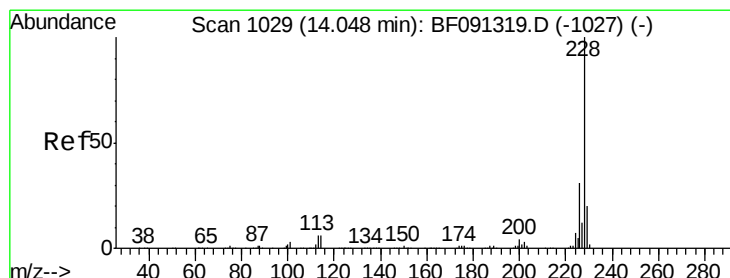
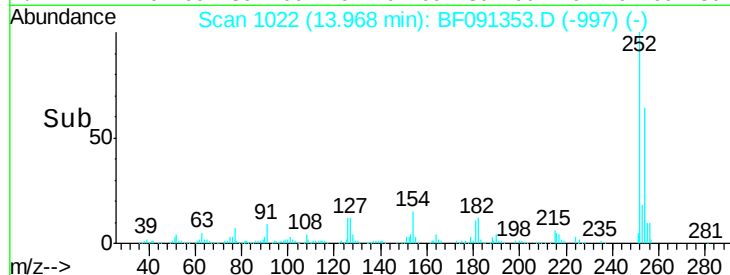
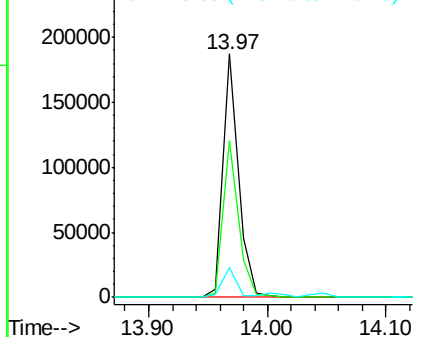
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	52.1	78.1
126	12.3	7.5	11.3

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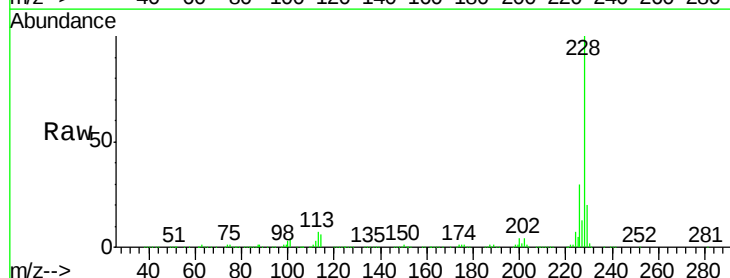


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

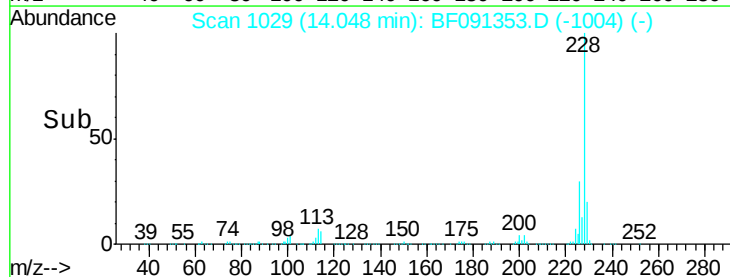
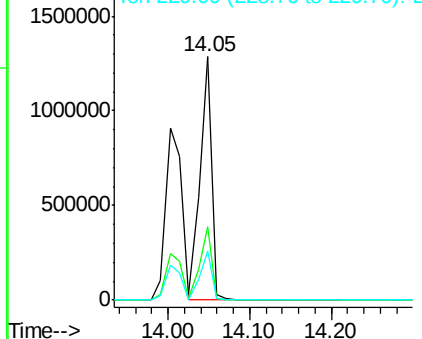


#82
 Chrysene
 Concen: 52.85 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.9	16.0	24.0



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





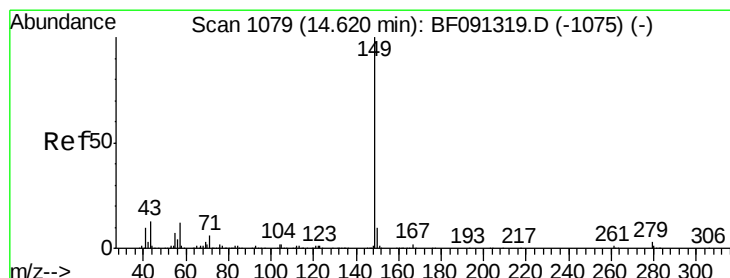
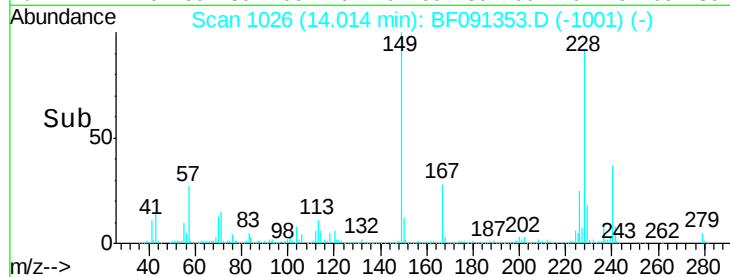
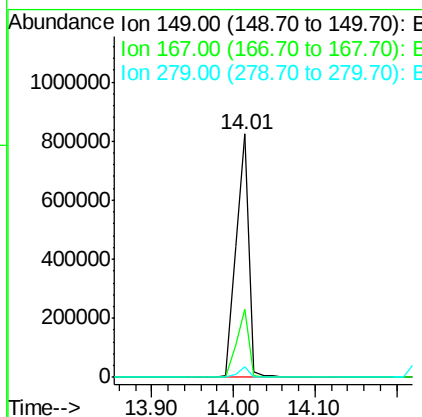
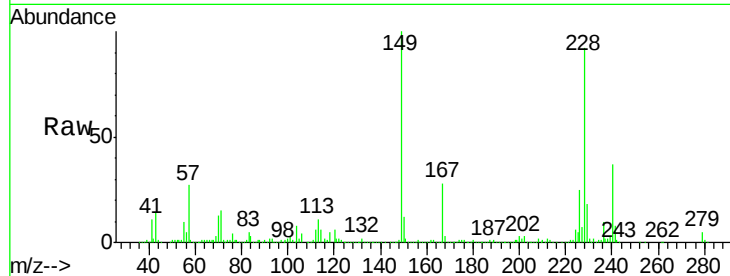
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 58.56 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	893121		
167	28.3	19.6	29.4	
279	4.6	1.9	2.9#	

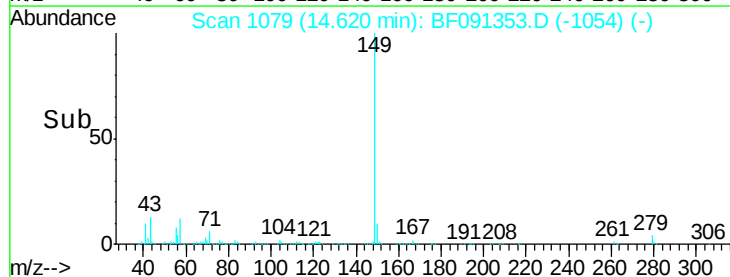
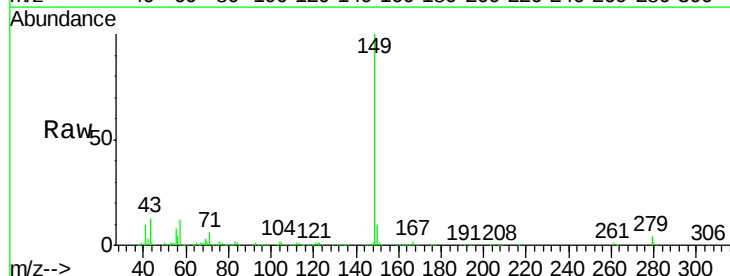
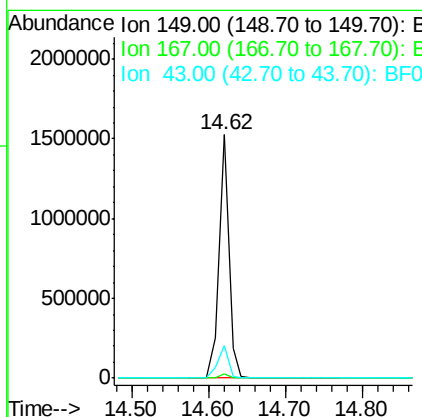
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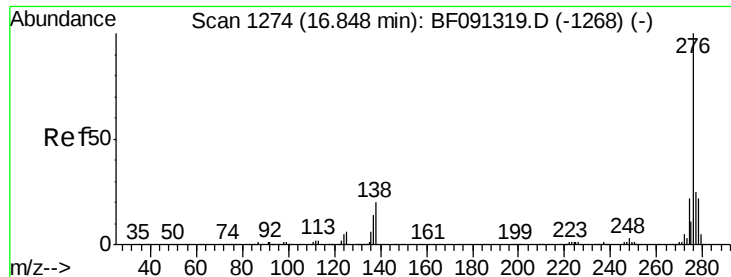
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#84
 Di-n-octyl phthalate
 Concen: 59.21 ng
 RT: 14.62 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1366390		
167	1.6	1.3	1.9	
43	14.1	11.9	17.9	





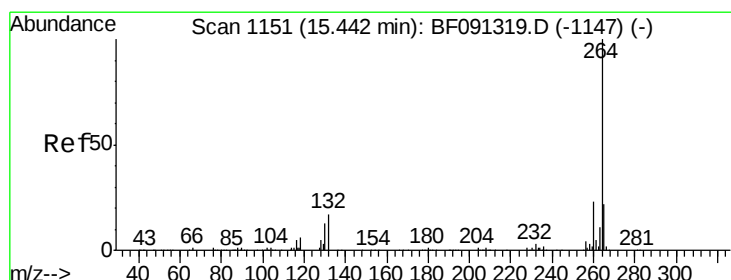
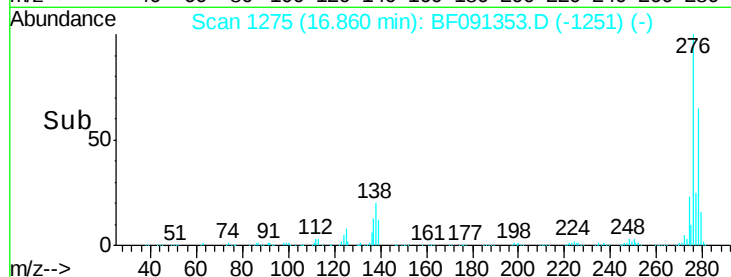
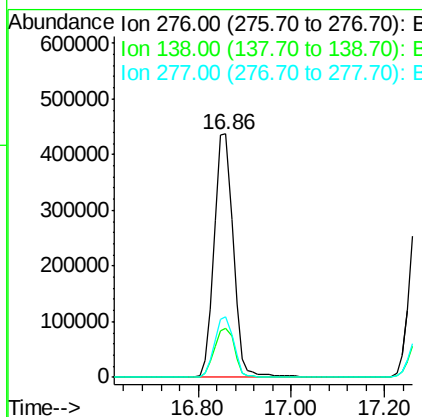
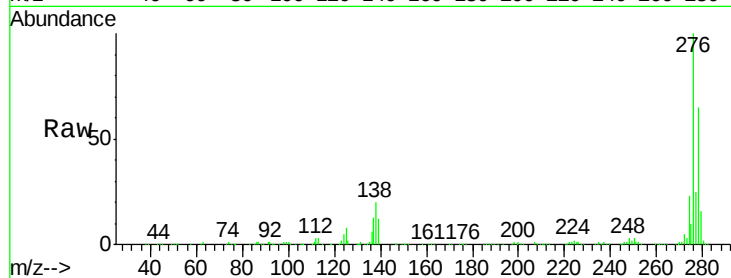
#85
Indeno(1,2,3-cd)pyrene
Concen: 55.59 ng
RT: 16.86 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.0	31.4
277	25.0	20.2	30.2

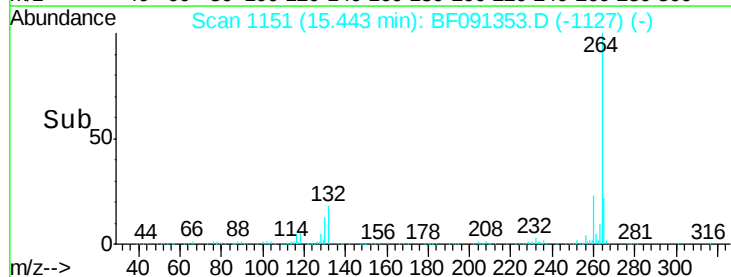
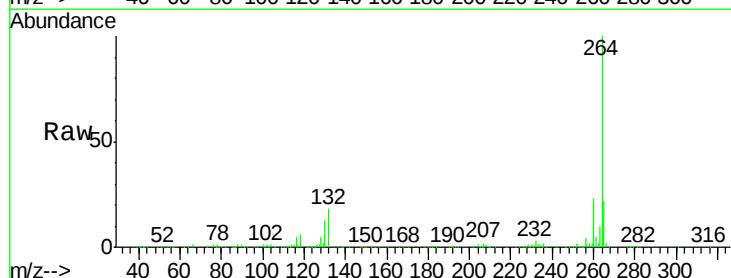
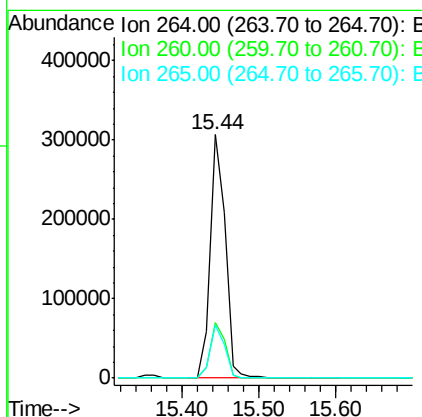
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.8	28.2
265	21.7	17.0	25.6





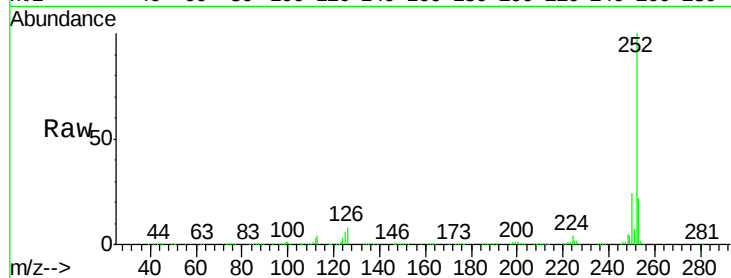
#87
Benzo(b)fluoranthene
Concen: 49.76 ng m
RT: 15.04 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

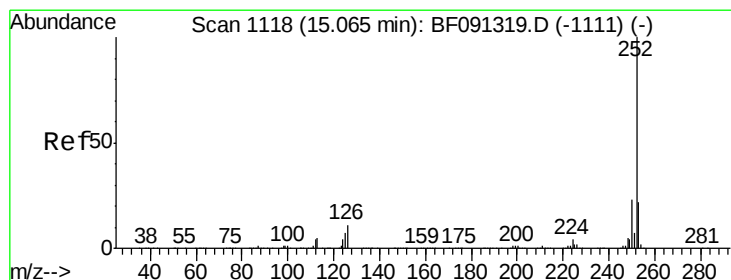
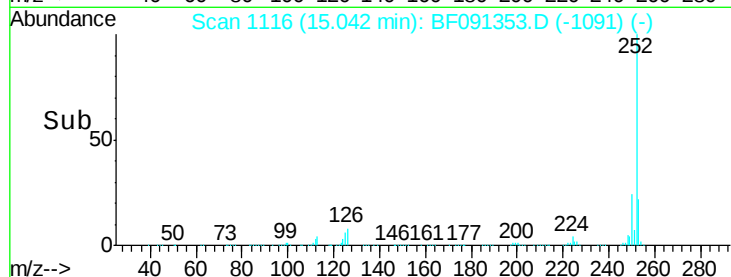
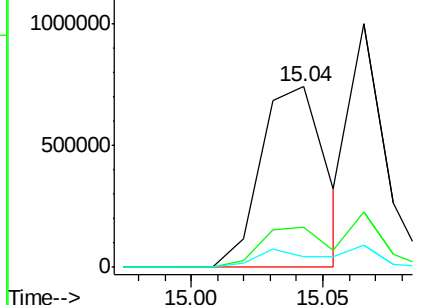
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	6.0	8.6	13.0

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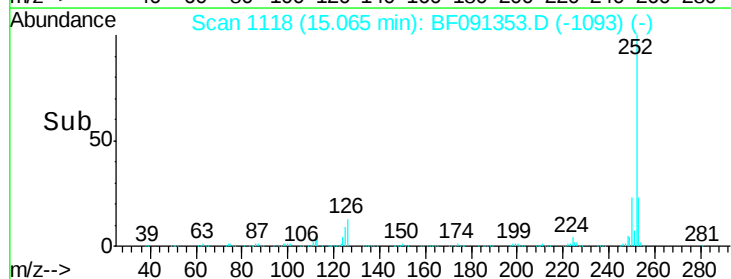
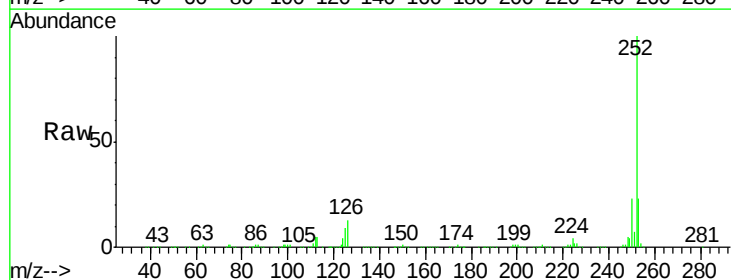
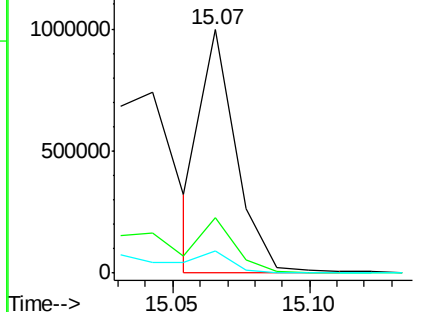
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

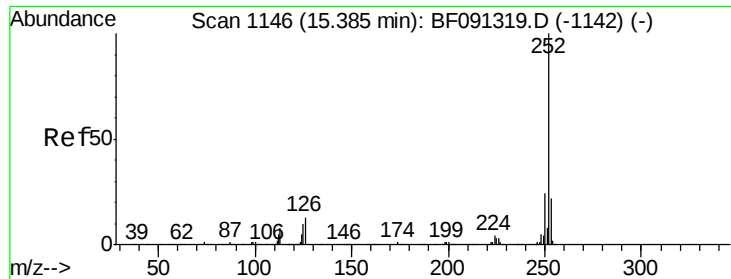


#88
Benzo(k)fluoranthene
Concen: 41.17 ng m
RT: 15.07 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	8.9	9.6	14.4

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





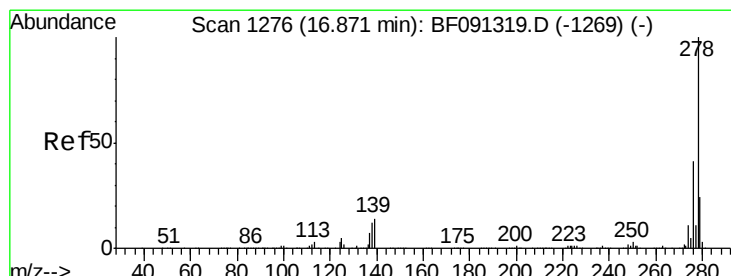
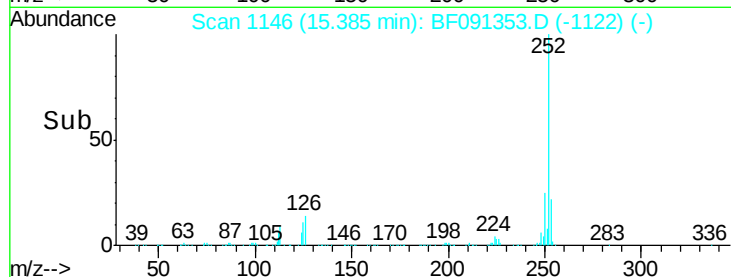
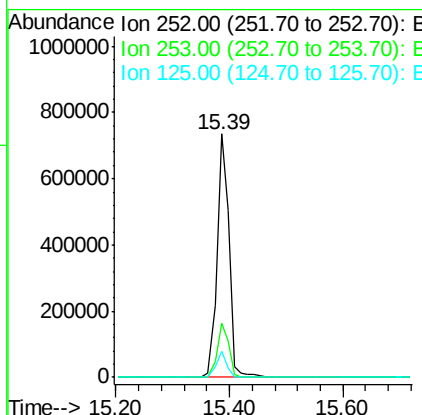
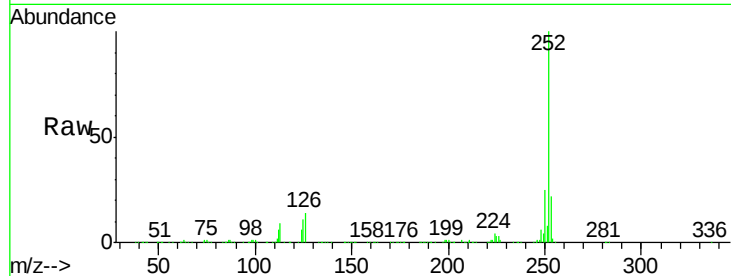
#89
Benzo(a)pyrene
Concen: 45.72 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	10.7	10.4	15.6

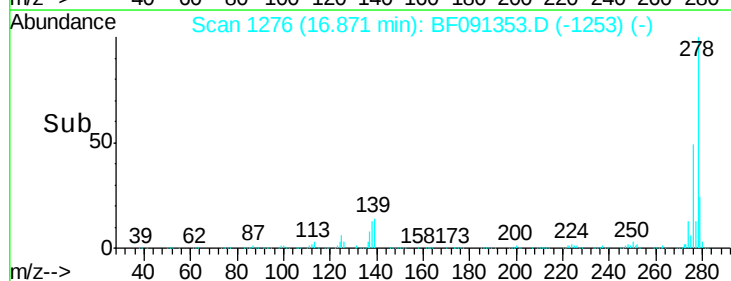
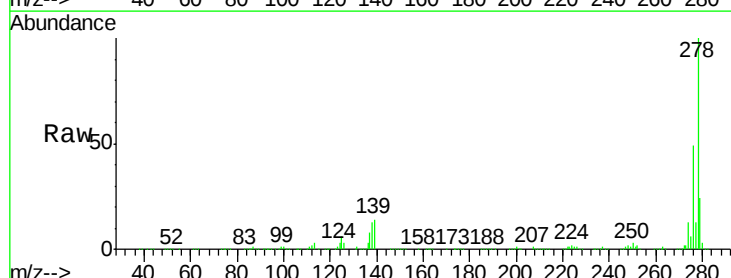
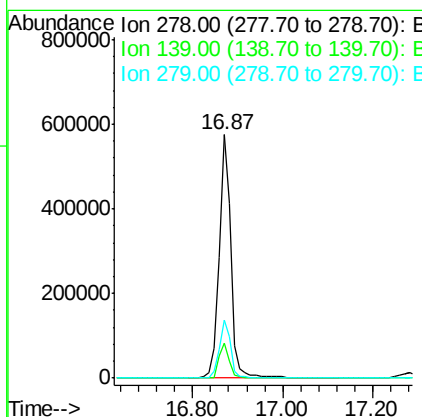
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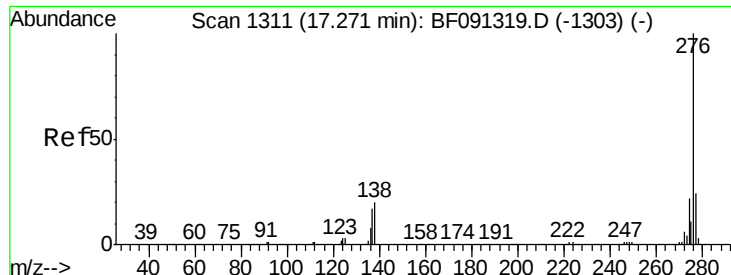
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#90
Dibenzo(a,h)anthracene
Concen: 48.87 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091353.D
Acq: 30 Nov 2016 14:42

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.1	22.7#
279	23.8	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 47.77 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091353.D
 Acq: 30 Nov 2016 14:42

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	17.3	15.4	23.0

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