

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113016\
 Data File : BF091354.D
 Acq On : 30 Nov 2016 15:10
 Operator : UM/SJ
 Sample : H5760-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Manual Integrations
 APPROVED

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 12/1/2016 3:27:51 PM

Quant Time: Dec 01 00:27:37 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	192858	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	762652	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	431864	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	694799	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	415674	20.00	ng	-0.02
86) Perylene-d12	15.44	264	414558	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1361341	115.31	ng	0.02
7) Phenol-d6	6.50	99	1728059	118.91	ng	0.00
23) Nitrobenzene-d5	7.43	82	1205979	88.62	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	575461	140.75	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	2415921	101.29	ng	0.00
78) Terphenyl-d14	12.97	244	2095551	109.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	211096	39.53	ng	# 69
3) Pyridine	3.36	79	555388	36.75	ng	88
4) n-Nitrosodimethylamine	3.30	42	371351	46.83	ng	95
6) Aniline	6.53	93	206599	10.70	ng	# 78
8) 2-Chlorophenol	6.65	128	587558	45.39	ng	85
9) Benzaldehyde	6.41	77	73473	7.86	ng	82
10) Phenol	6.52	94	768867	44.96	ng	93
11) bis(2-Chloroethyl)ether	6.61	93	668104	54.68	ng	99
12) 1,3-Dichlorobenzene	6.81	146	618826m	42.98	ng	
13) 1,4-Dichlorobenzene	6.88	146	599284	41.84	ng	96
14) 1,2-Dichlorobenzene	7.04	146	605407	45.38	ng	93
15) Benzyl Alcohol	7.01	79	523420	45.01	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1225316	46.64	ng	72
17) 2-Methylphenol	7.12	107	466335	45.58	ng	# 76
18) Hexachloroethane	7.38	117	235070	46.23	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	465311	50.82	ng	# 85
20) 3+4-Methylphenols	7.28	107	584081	46.76	ng	# 53
22) Acetophenone	7.28	105	817591	45.23	ng	# 85
24) Nitrobenzene	7.45	77	715031	51.32	ng	# 82
25) Isophorone	7.69	82	1235855	51.26	ng	99
26) 2-Nitrophenol	7.76	139	294722	46.42	ng	97
27) 2,4-Dimethylphenol	7.81	122	555071	46.73	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	721776	49.74	ng	100
29) 2,4-Dichlorophenol	8.01	162	514529	49.24	ng	89
30) 1,2,4-Trichlorobenzene	8.09	180	568606	48.54	ng	98
31) Naphthalene	8.17	128	1702607	46.97	ng	100
32) Benzoic acid	7.93	122	354352	40.47	ng	87
33) 4-Chloroaniline	8.23	127	60062	3.88	ng	96
34) Hexachlorobutadiene	8.30	225	337163	46.81	ng	98
35) Caprolactam	8.60	113	141417m	47.09	ng	
36) 4-Chloro-3-methylphenol	8.71	107	560978	49.73	ng	90
37) 2-Methylnaphthalene	8.87	142	1205653	48.96	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	512463	42.09	ng	99
40) Hexachlorocyclopentadiene	9.02	237	528673	93.68	ng	100

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Quant Time: Dec 01 00:27:37 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	383734m	48.50	nq	
43) 2,4,5-Trichlorophenol	9.19	196	388765m	49.03	nq	
45) 1,1'-Biphenyl	9.33	154	1331870	42.89	nq	97
46) 2-Chloronaphthalene	9.35	162	1032078	44.63	nq	99
47) 2-Nitroaniline	9.44	65	362370	43.63	nq	# 75
48) Acenaphthylene	9.77	152	1743913	47.90	nq	99
49) Dimethylphthalate	9.64	163	1279844	48.94	nq	97
50) 2,6-Dinitrotoluene	9.69	165	326935	55.94	nq	# 79
51) Acenaphthene	9.94	154	1205023	49.07	nq	95
52) 3-Nitroaniline	9.85	138	72999	10.79	nq	96
53) 2,4-Dinitrophenol	9.96	184	165717	64.84	nq	# 69
54) Dibenzofuran	10.12	168	1653506	50.29	nq	93
55) 4-Nitrophenol	10.02	139	477502	97.73	nq	# 81
56) 2,4-Dinitrotoluene	10.09	165	370539	48.87	nq	# 65
57) Fluorene	10.46	166	1256910	49.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	354354	52.33	nq	95
59) Diethylphthalate	10.33	149	1204792	46.67	nq	97
60) 4-Chlorophenyl-phenylether	10.45	204	562502	44.43	nq	# 90
61) 4-Nitroaniline	10.47	138	234724	36.95	nq	88
62) Azobenzene	10.61	77	1399319	53.13	nq	92
64) 4,6-Dinitro-2-methylphenol	10.50	198	153313	40.05	nq	# 31
65) n-Nitrosodiphenylamine	10.56	169	1038499	49.30	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	410325	54.94	nq	# 82
67) Hexachlorobenzene	11.00	284	386230	47.86	nq	# 76
68) Atrazine	11.10	200	373770	54.78	nq	92
69) Pentachlorophenol	11.19	266	402067	84.63	nq	95
70) Phenanthrene	11.41	178	1746297	48.37	nq	99
71) Anthracene	11.46	178	1838716	51.32	nq	100
72) Carbazole	11.61	167	1417178	43.59	nq	99
73) Di-n-butylphthalate	11.96	149	2006777	54.46	nq	99
74) Fluoranthene	12.60	202	1758740	51.43	nq	99
76) Benzidine	12.71	184	187533	15.37	nq	98
77) Pyrene	12.83	202	1805600	57.24	nq	99
79) Butylbenzylphthalate	13.44	149	718295	60.81	nq	86
80) Benzo(a)anthracene	14.00	228	1276760	52.52	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	198918	23.23	nq	# 98
82) Chrysene	14.05	228	1367568	56.86	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	976104	65.19	nq	# 93
84) Di-n-octyl phthalate	14.62	149	1487152	65.64	nq	98
85) Indeno(1,2,3-cd)pyrene	16.86	276	1359609	61.72	nq	95
87) Benzo(b)fluoranthene	15.04	252	1394292m	54.11	nq	
88) Benzo(k)fluoranthene	15.07	252	966123m	44.59	nq	
89) Benzo(a)pyrene	15.39	252	1162036	50.22	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	1128155	52.71	nq	# 95
91) Benzo(g,h,i)perylene	17.28	276	1133547	51.37	nq	98

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

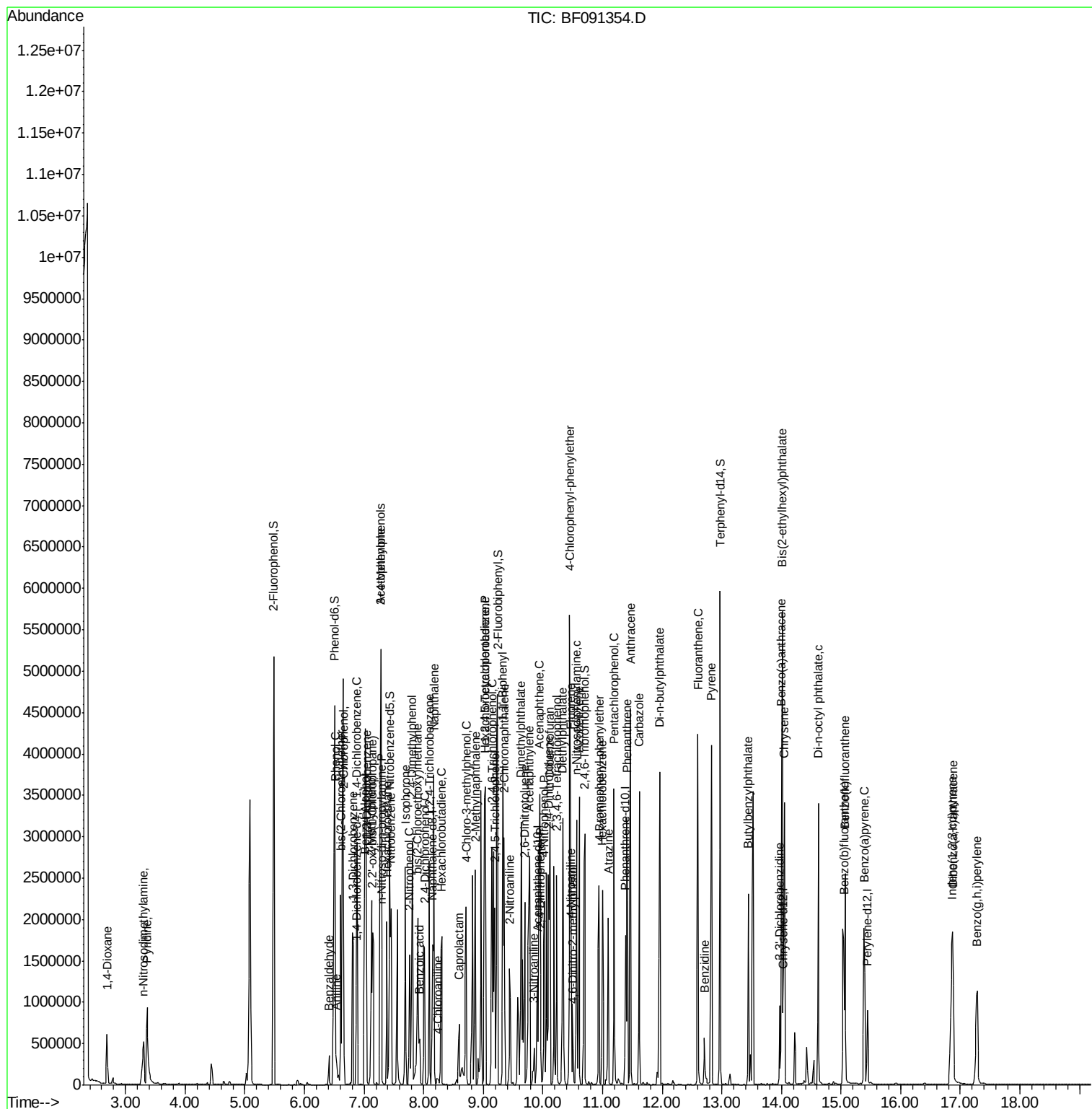
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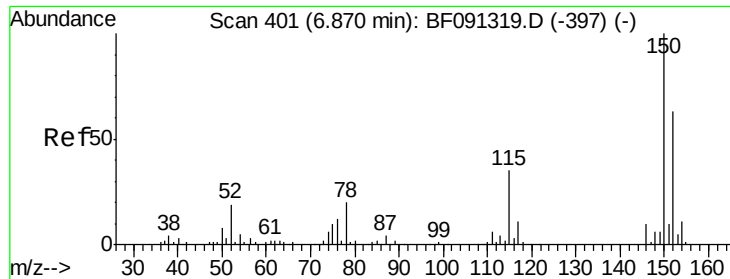
Instrument :
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ClientSampleId :
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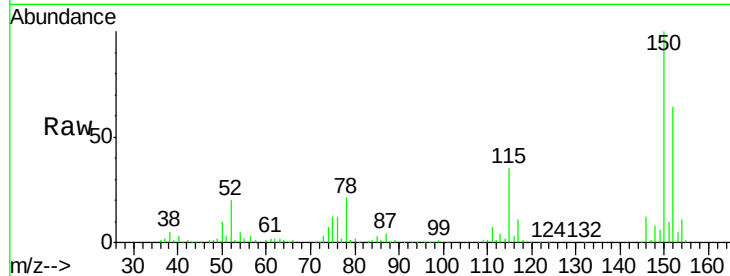
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 401
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

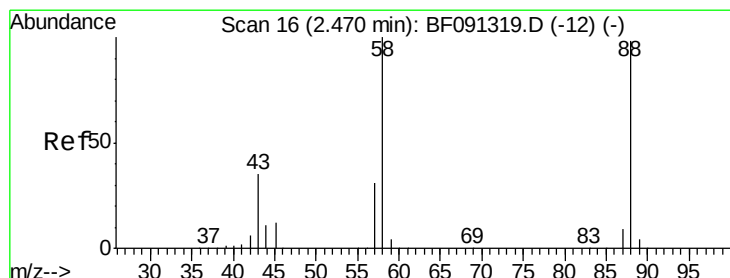
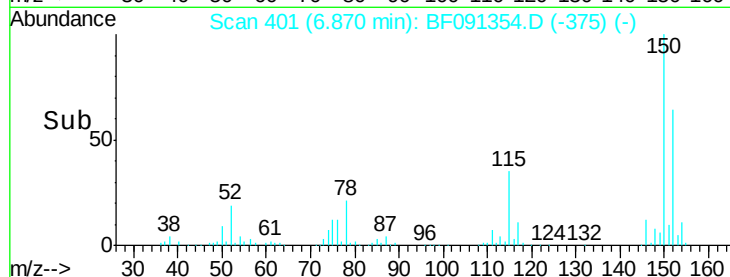
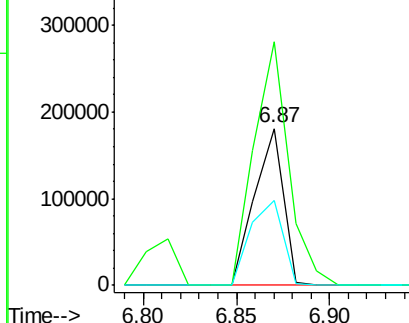
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.5	183.7
115	54.2	51.8	77.8

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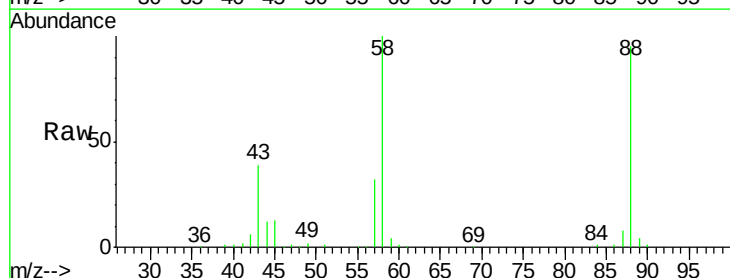


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

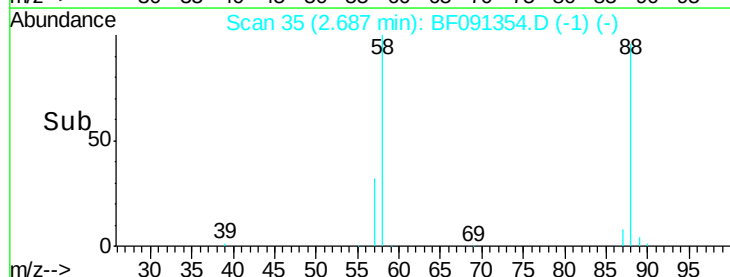
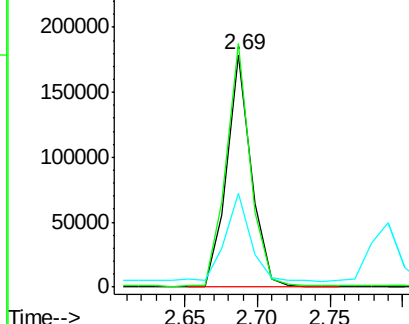


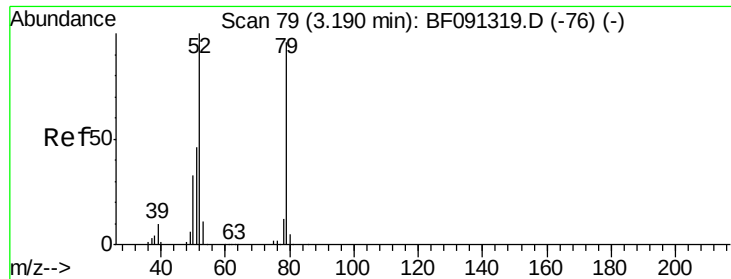
#2
 1,4-Dioxane
 Concen: 39.53 ng
 RT: 2.69 min Scan# 35
 Delta R.T. 0.19 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.7	70.3	105.5
43	0.0	31.3	46.9#



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





#3

Pvridine

Concen: 36.75 ng

RT: 3.36 min Scan# 94

Delta R.T. 0.14 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

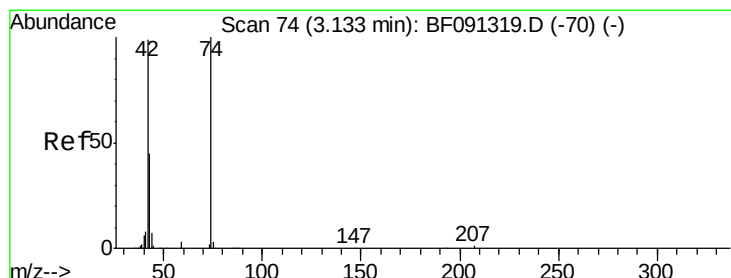
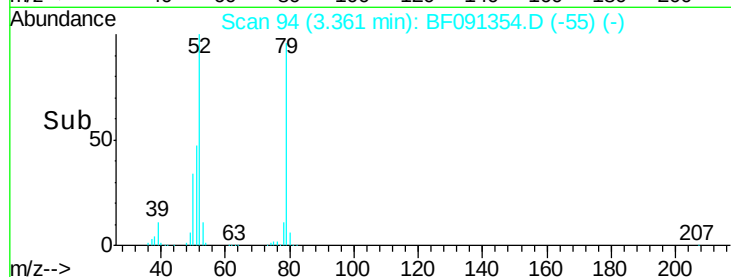
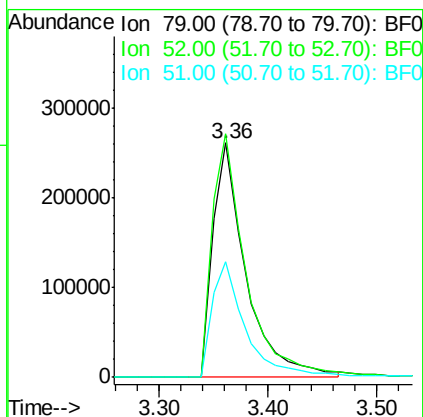
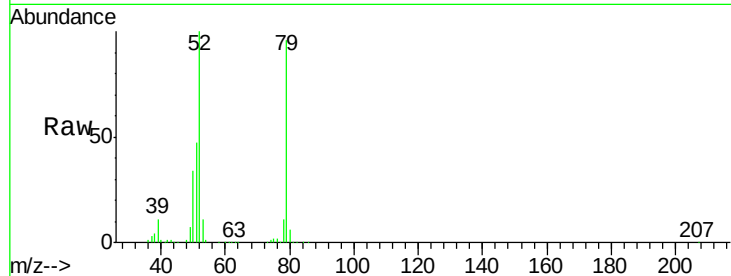
ClientSampled :

GRID-MM4-6MSD

Tot Ion:	79	Resp:	555388
Ion	Ratio	Lower	Upper
79	100		
52	103.9	71.0	106.4
51	49.2	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 46.83 ng

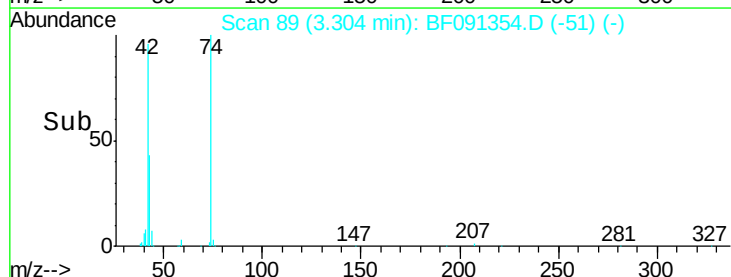
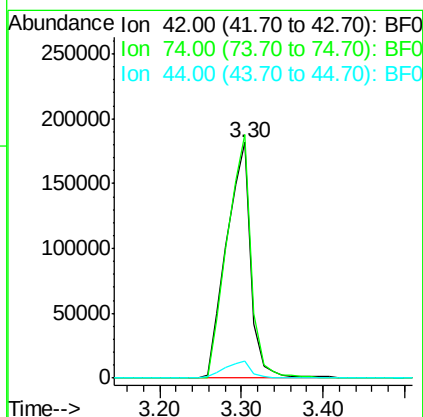
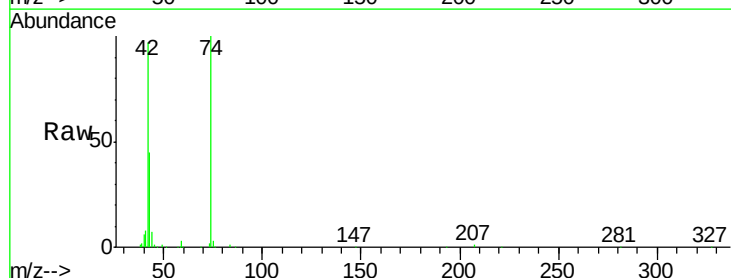
RT: 3.30 min Scan# 89

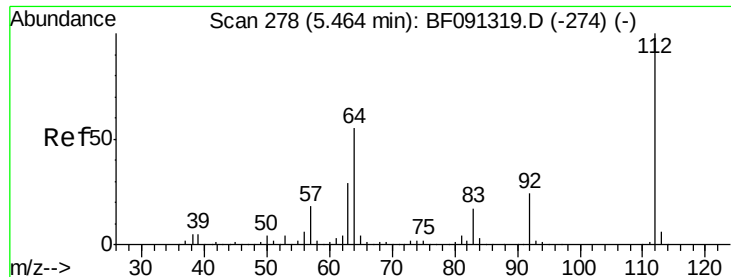
Delta R.T. 0.13 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	42	Resp:	371351
Ion	Ratio	Lower	Upper
42	100		
74	103.4	78.9	118.3
44	7.4	5.8	8.6





#5

2-Fluorophenol

Concen: 115.31 ng

RT: 5.49 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

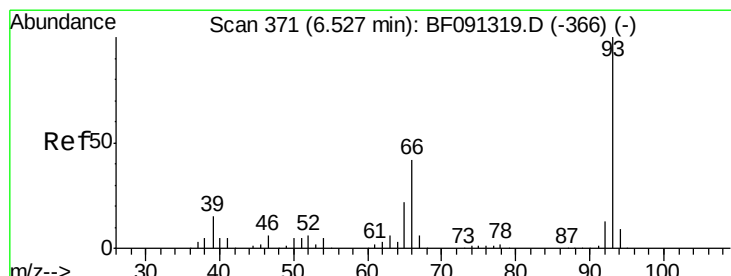
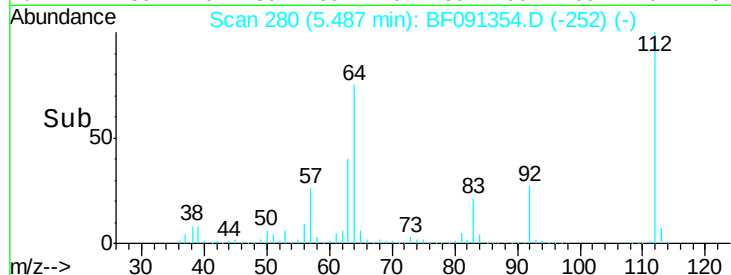
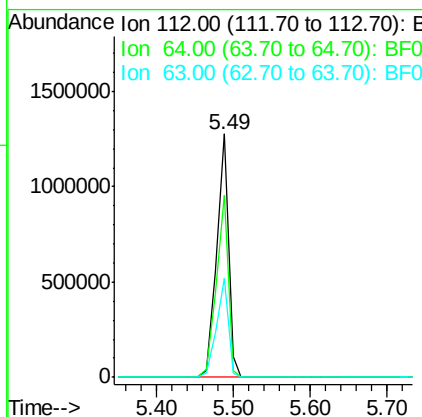
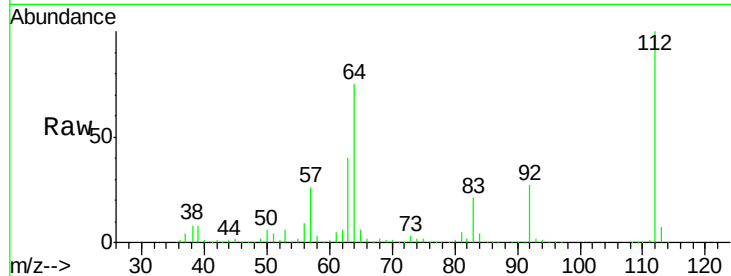
ClientSampleId :

GRID-MM4-6MSD

Tot Ion:	112	Resp:	1361341
Ion	Ratio	Lower	Upper
112	100		
64	74.6	61.5	92.3
63	40.4	33.3	49.9

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#6

Aniline

Concen: 10.70 ng

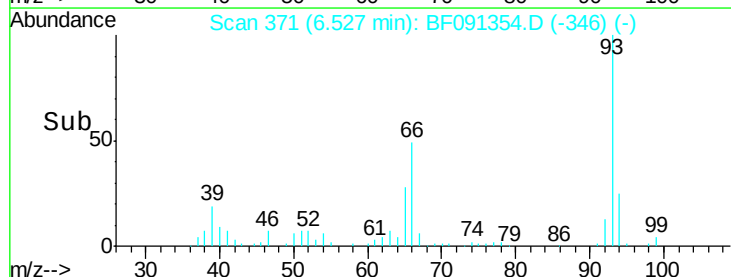
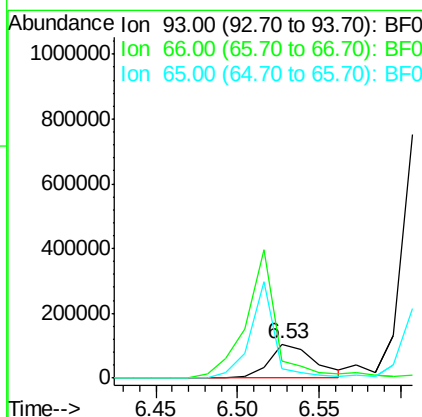
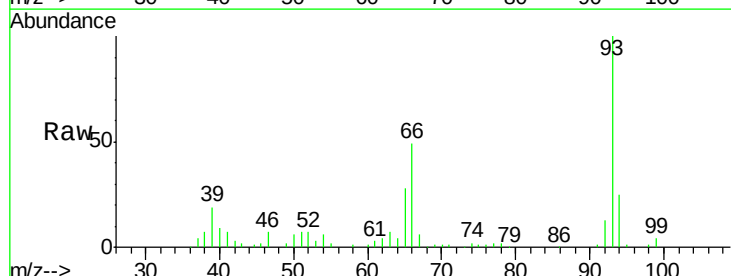
RT: 6.53 min Scan# 371

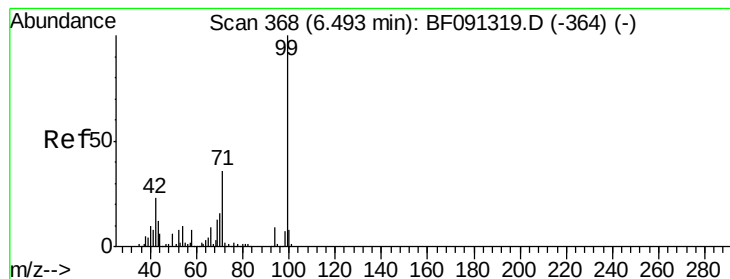
Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	93	Resp:	206599
Ion	Ratio	Lower	Upper
93	100		
66	49.4	55.8	83.6#
65	27.7	29.9	44.9#





#7

Phenol-d6

Concen: 118.91 ng

RT: 6.50 min Scan# 369

Delta R.T. 0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion: 99 Resp: 1728059

Ion Ratio Lower Upper

99 100

42 23.4 20.6 31.0

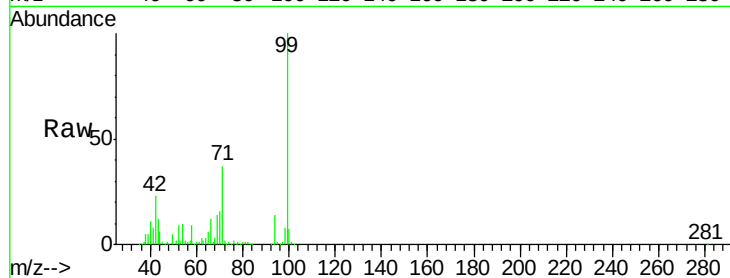
71 36.7 29.9 44.9

Manual Integrations

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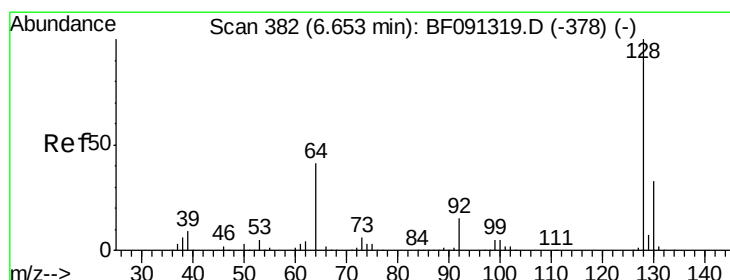
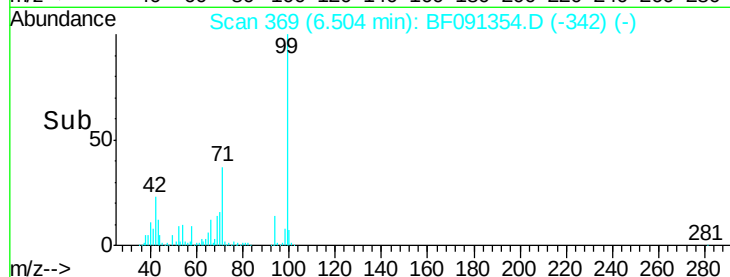
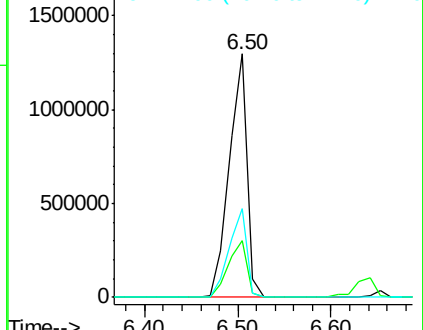
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.39 ng

RT: 6.65 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

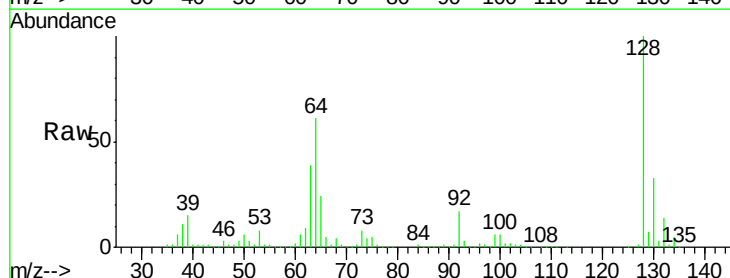
Tgt Ion: 128 Resp: 587558

Ion Ratio Lower Upper

128 100

130 33.4 13.1 53.1

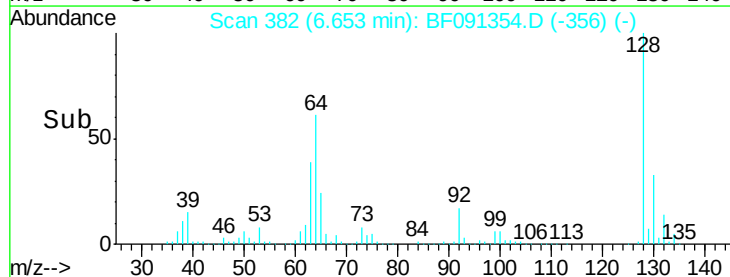
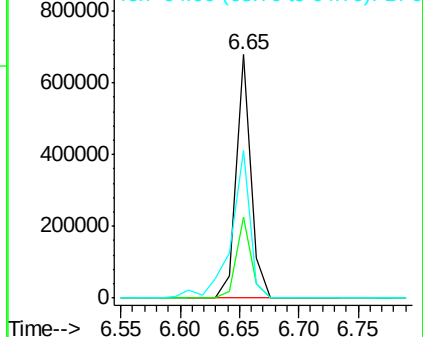
64 60.8 24.1 64.1

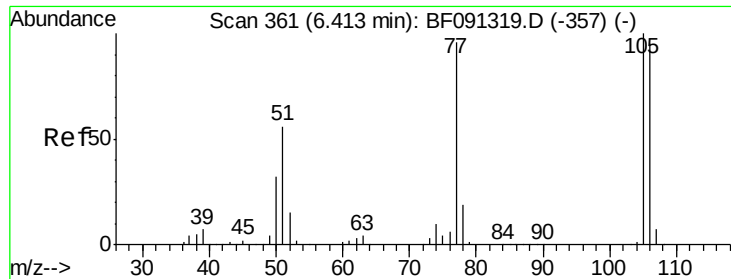


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 7.86 ng

RT: 6.41 min Scan# 361

Delta R.T. -0.01 min

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Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

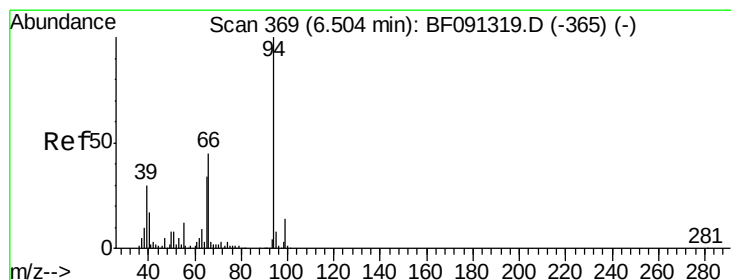
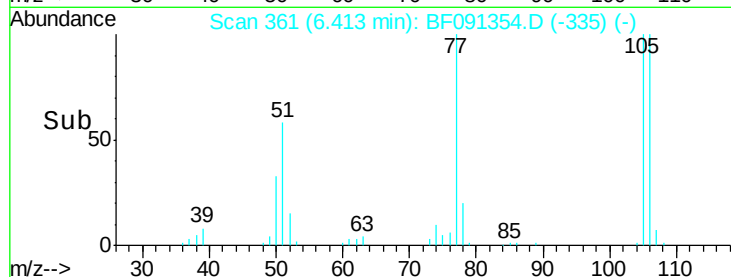
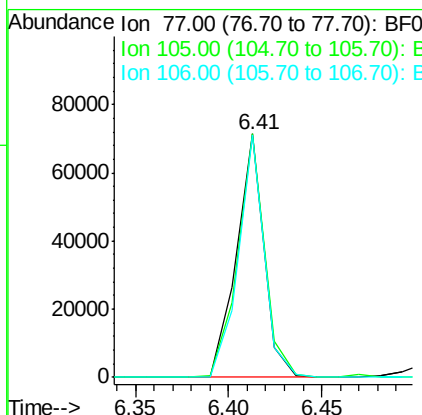
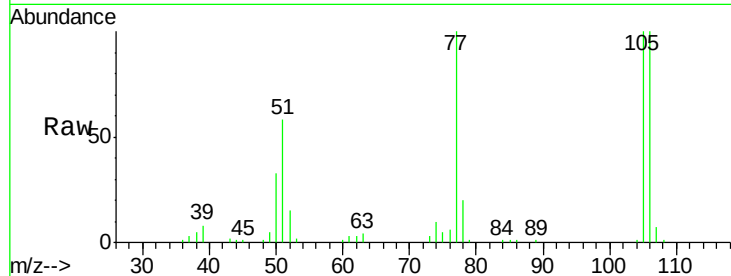
ClientSampleId :

GRID-MM4-6MSD

Tot Ion:	77	Resp:	73473
Ion	Ratio	Lower	Upper
77	100		
105	100.2	66.4	106.4
106	99.8	60.9	100.9

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#10

Phenol

Concen: 44.96 ng

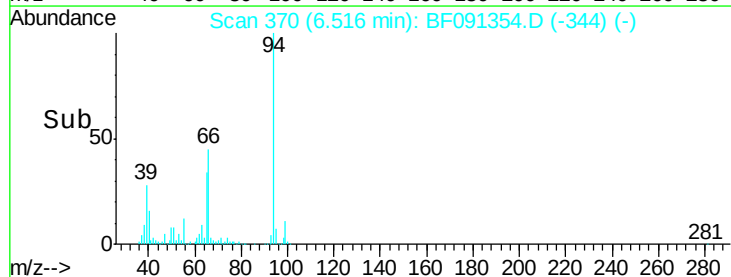
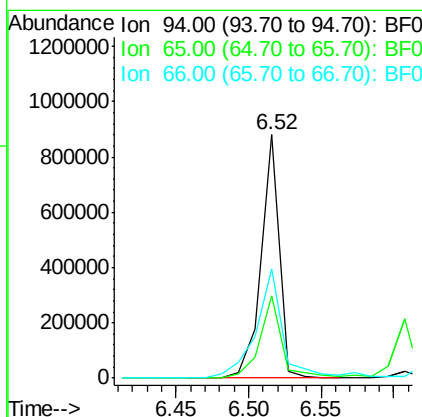
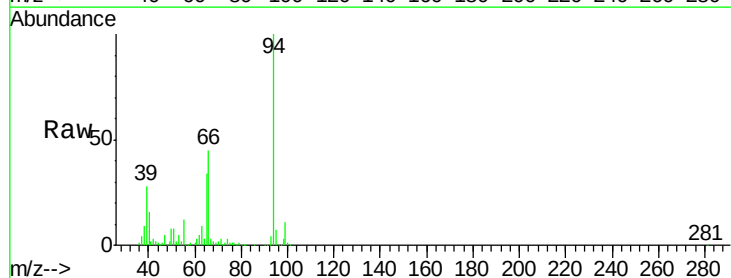
RT: 6.52 min Scan# 370

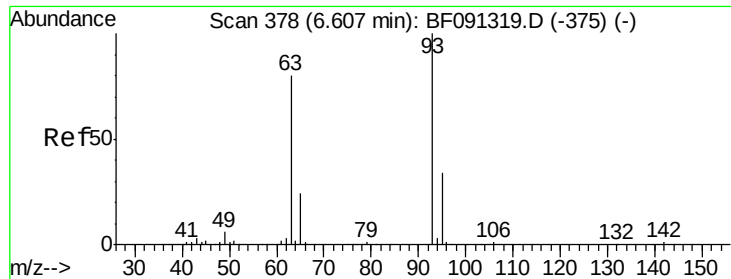
Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	94	Resp:	768867
Ion	Ratio	Lower	Upper
94	100		
65	33.7	16.9	56.9
66	45.0	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 54.68 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

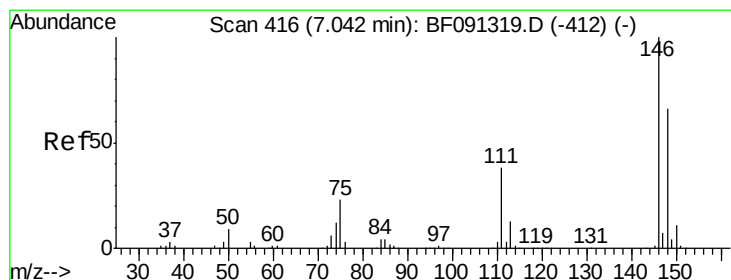
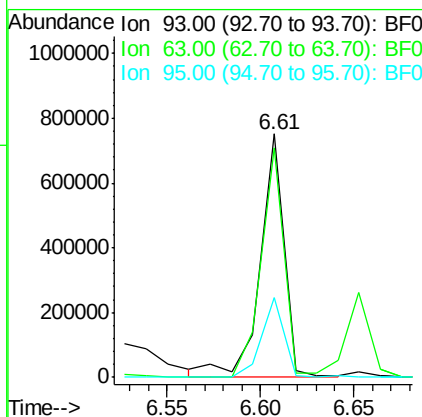
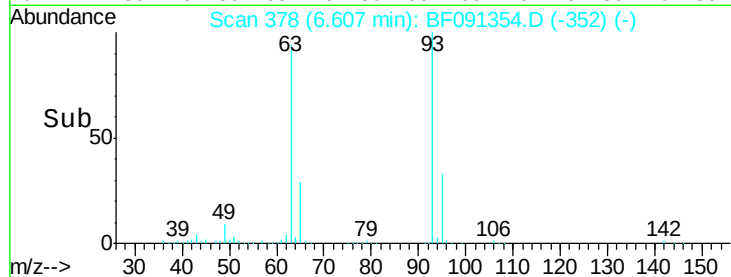
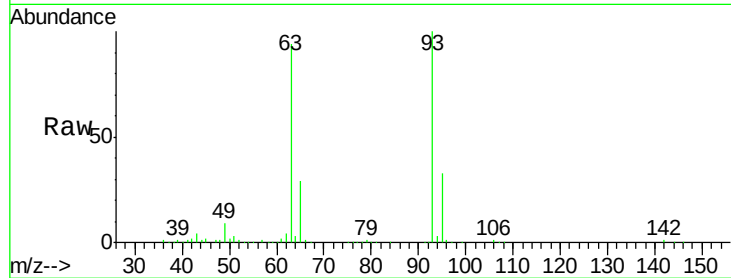
ClientSampleId :

GRID-MM4-6MSD

Tot Ion:	93	Resp:	668104
Ion Ratio	Lower	Upper	
93	100		
63	94.3	74.8	114.8
95	32.8	12.4	52.4

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#12

1,3-Dichlorobenzene

Concen: 42.98 ng m

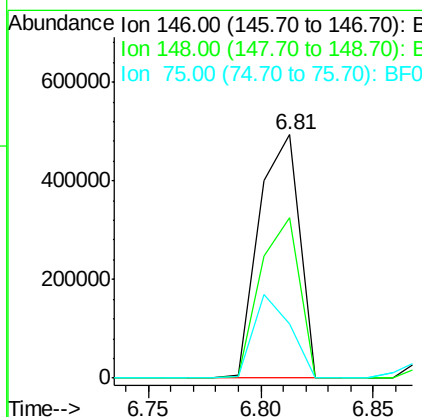
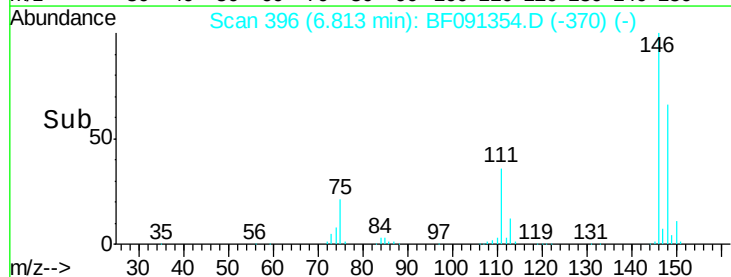
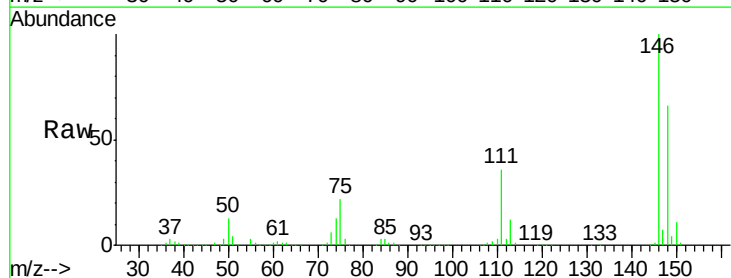
RT: 6.81 min Scan# 396

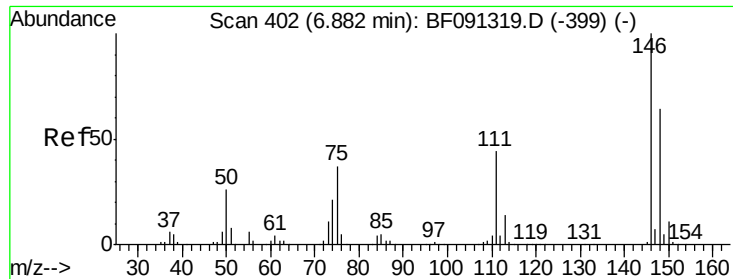
Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	146	Resp:	618826
Ion Ratio	Lower	Upper	
146	100		
148	66.1	51.4	77.0
75	22.3	23.6	35.4#





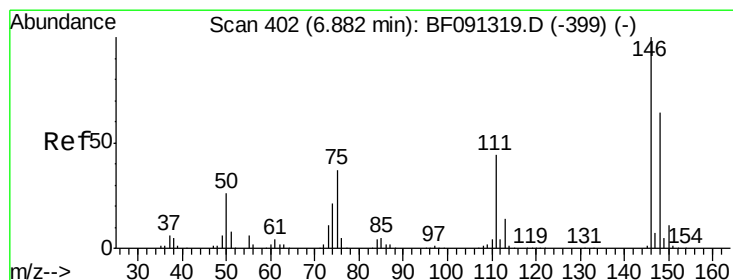
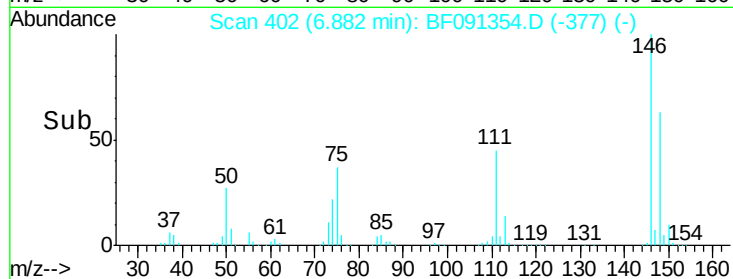
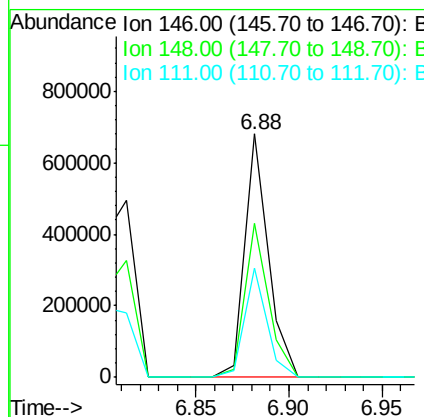
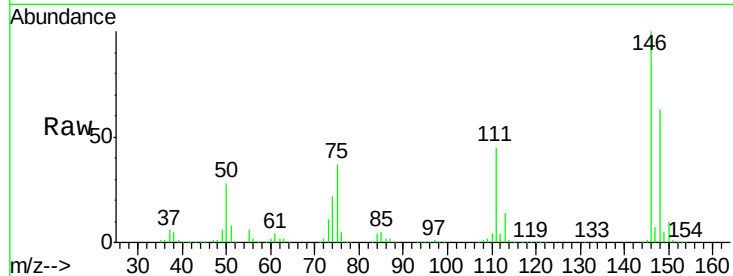
#13
1,4-Dichlorobenzene
Concen: 41.84 ng
RT: 6.88 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
111	44.8	32.2	48.2

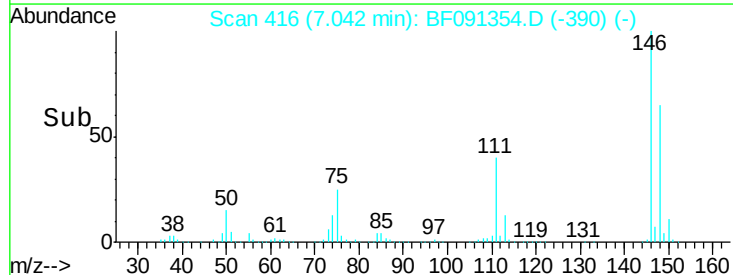
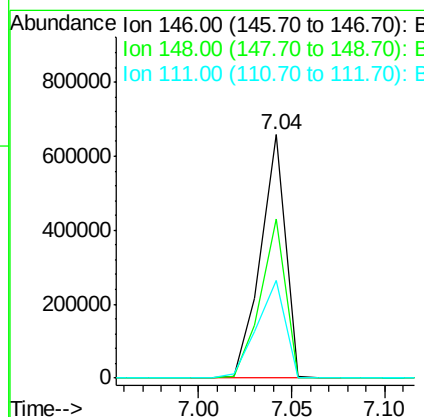
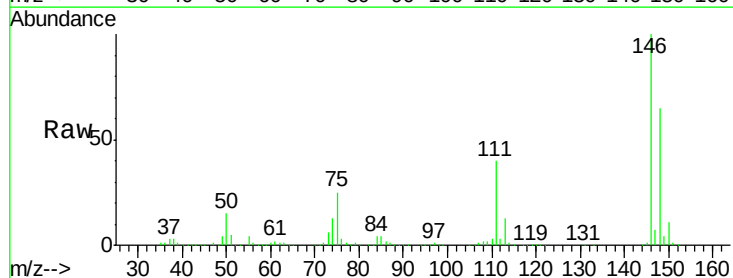
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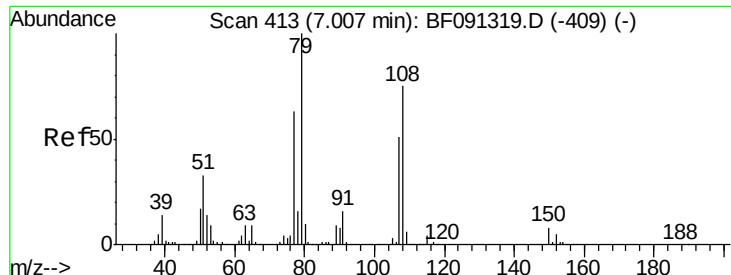
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#14
1,2-Dichlorobenzene
Concen: 45.38 ng
RT: 7.04 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	40.0	38.9	58.3





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 7.01 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

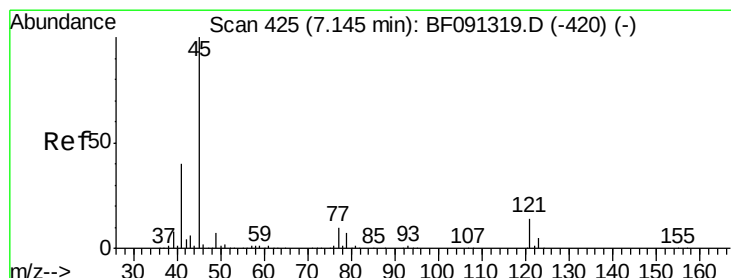
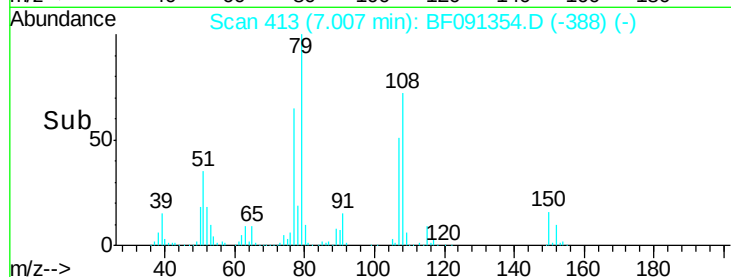
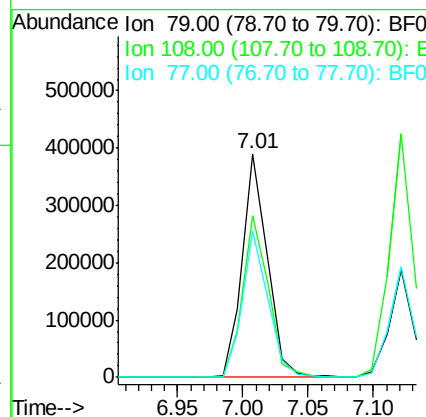
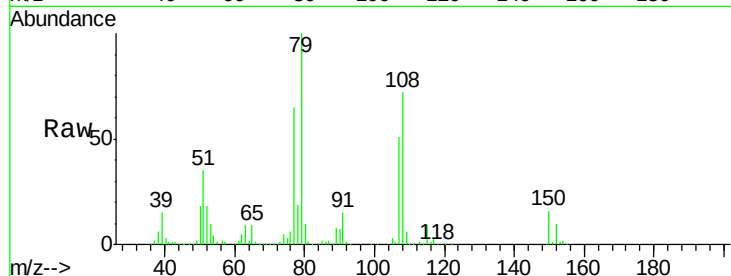
ClientSampleId :

GRID-MM4-6MSD

Tot Ion:	79	Resp:	523420
Ion Ratio	Lower	Upper	
79	100		
108	72.3	62.7	94.1
77	65.3	51.7	77.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.64 ng

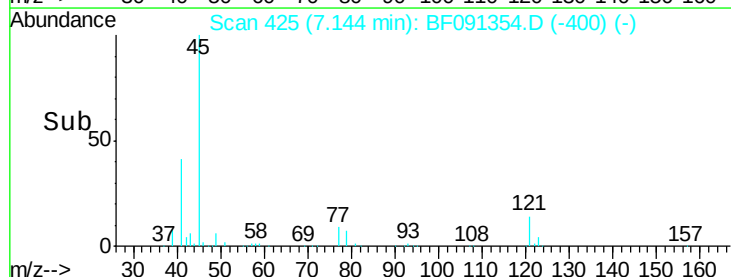
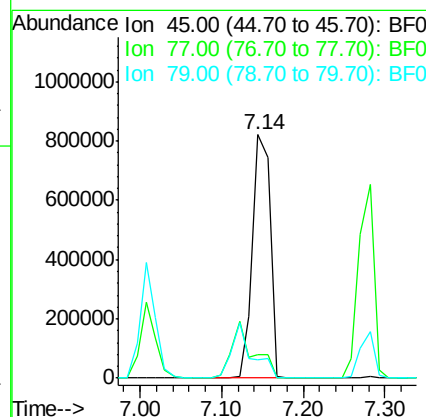
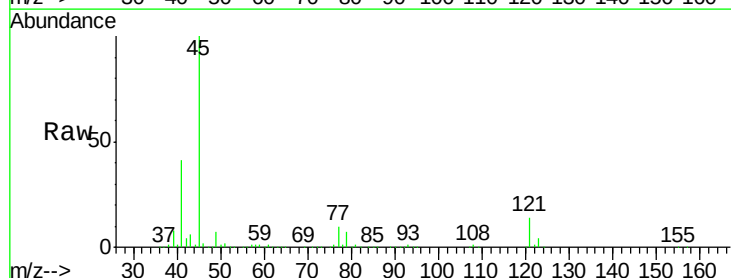
RT: 7.14 min Scan# 425

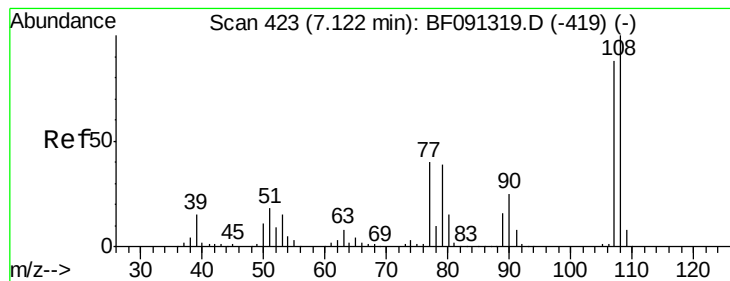
Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	45	Resp:	1225316
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.5	0.2	40.2





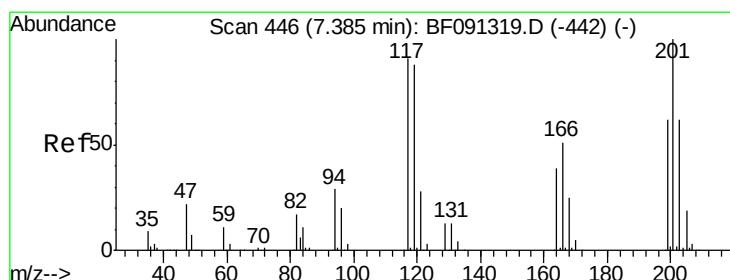
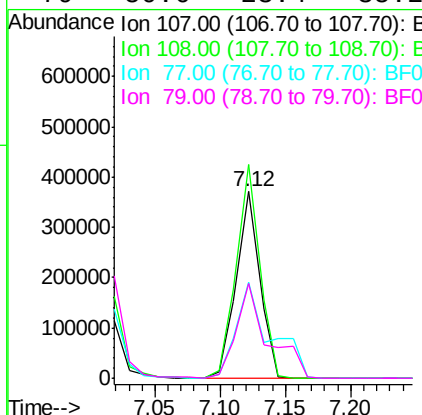
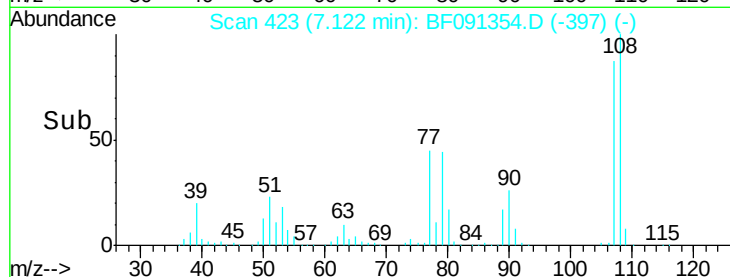
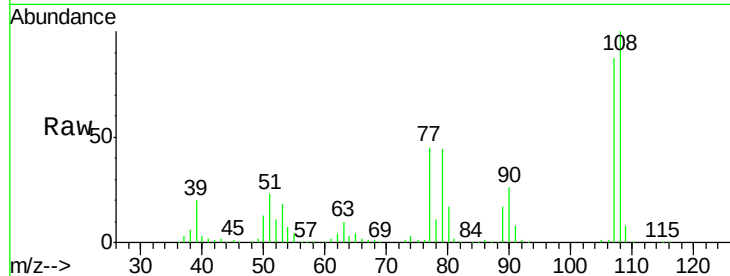
#17
2-Methylphenol
Concen: 45.58 ng
RT: 7.12 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.7	67.7	101.5#	
77	51.9	40.7	61.1	
79	50.6	23.4	35.2#	

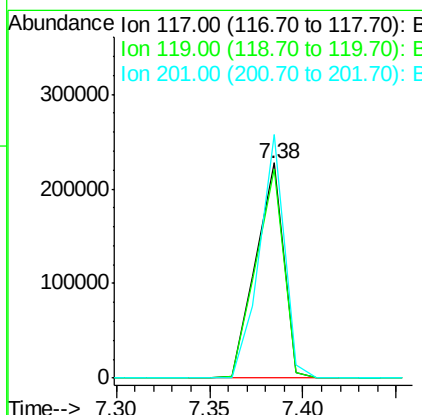
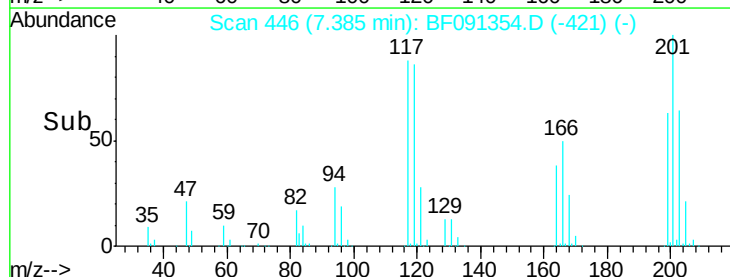
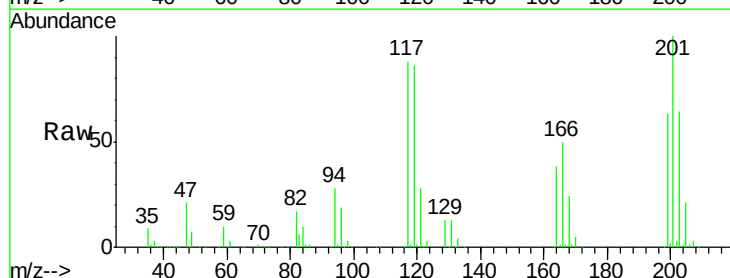
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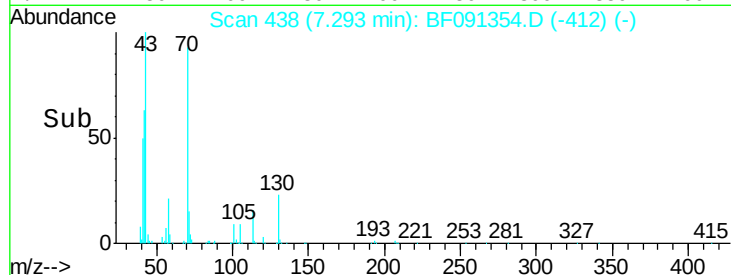
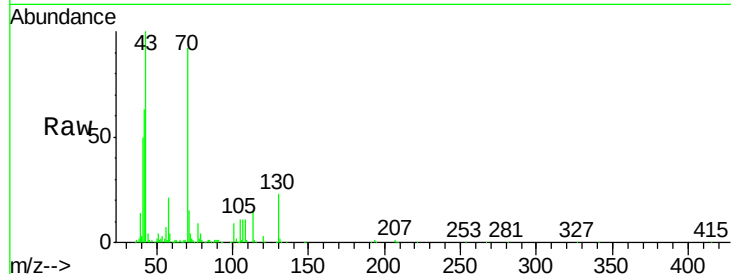
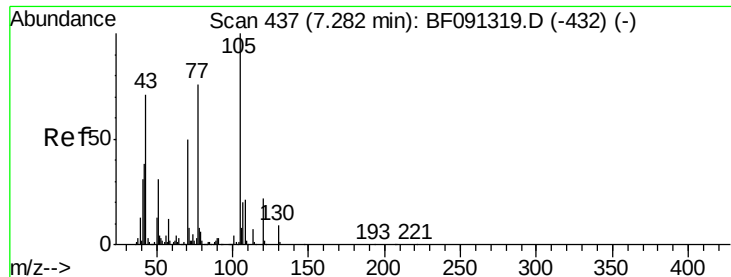
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#18
Hexachloroethane
Concen: 46.23 ng
RT: 7.38 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	78.6	118.0	
201	113.2	86.7	130.1	





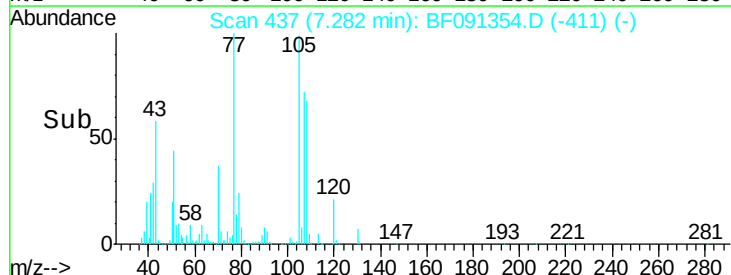
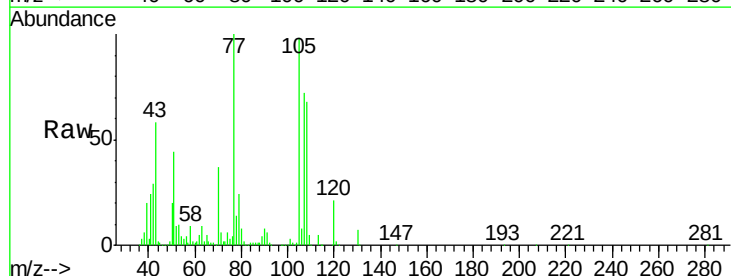
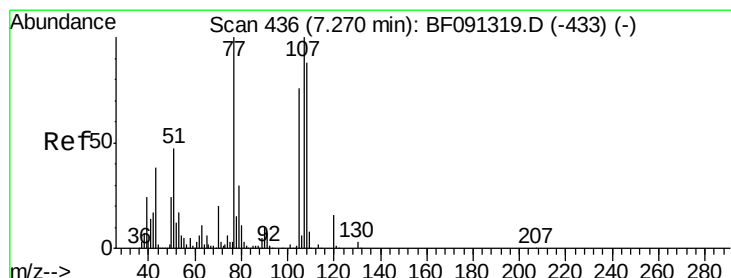
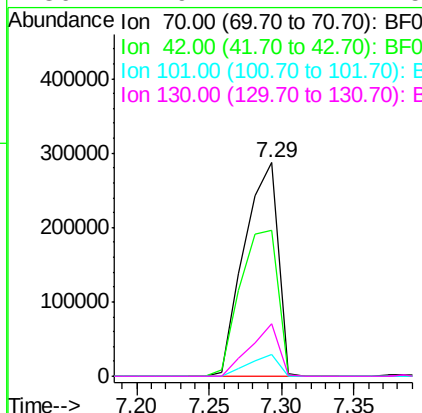
#19
n-Nitroso-di-n-propylamine
Concen: 50.82 ng
RT: 7.29 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	64.8	97.2
101	10.0	6.2	9.4
130	24.9	11.7	17.5

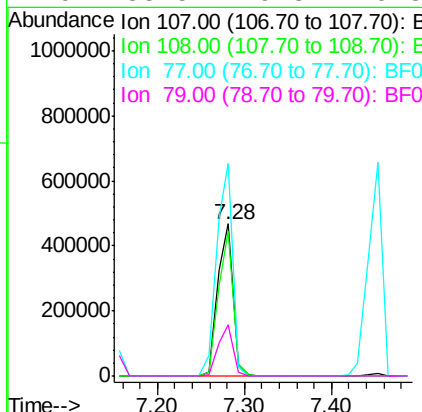
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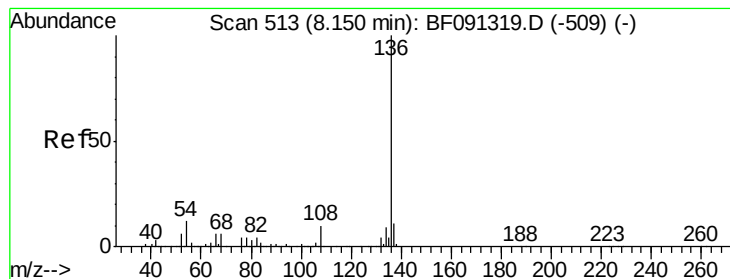
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#20
3+4-Methylphenols
Concen: 46.76 ng
RT: 7.28 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.8	64.6	104.6
77	139.7	30.9	70.9
79	33.5	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: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

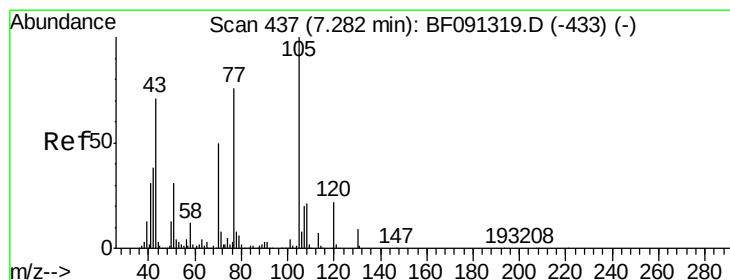
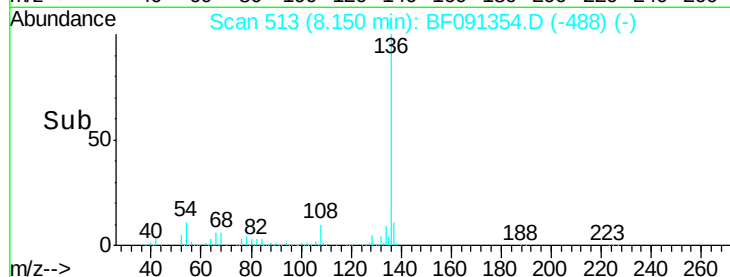
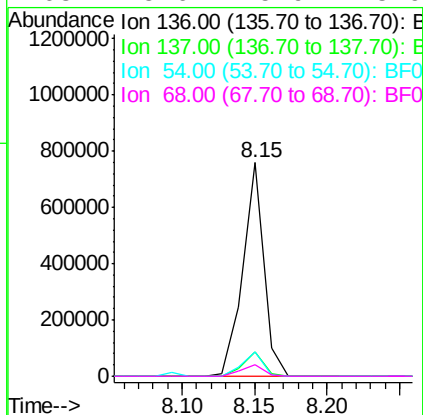
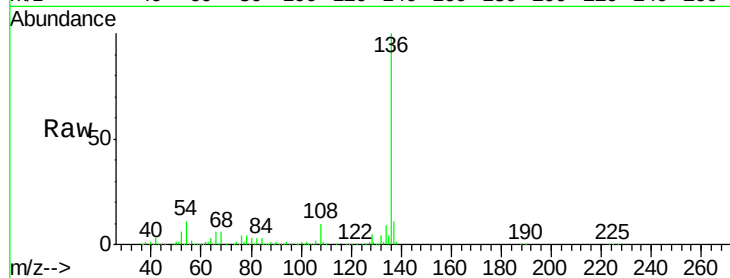
ClientSampleId :

GRID-MM4-6MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.2	9.1	13.7
68	5.6	5.9	8.9#

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#22

Acetophenone

Concen: 45.23 ng

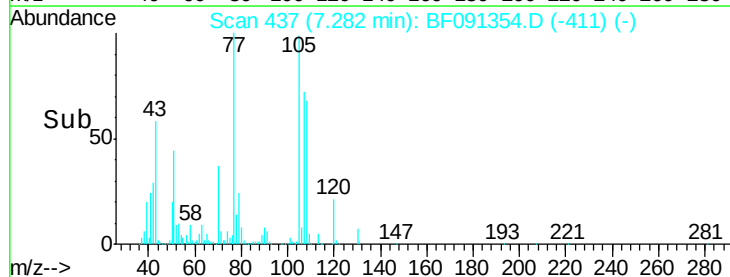
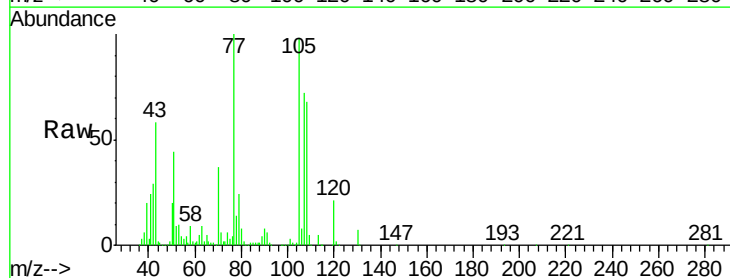
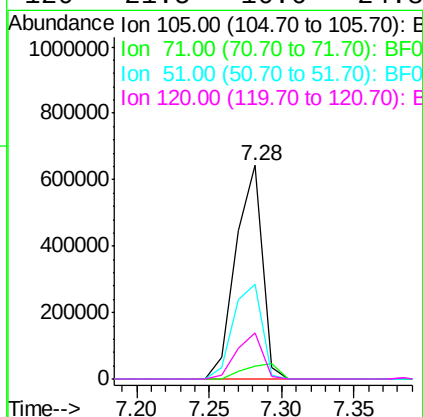
RT: 7.28 min Scan# 437

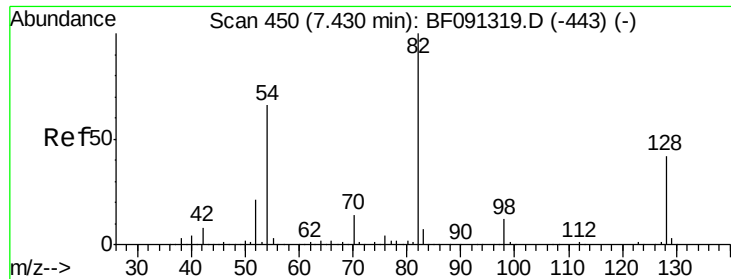
Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.3	7.9	11.9#
51	44.6	24.5	36.7#
120	21.5	16.6	24.8





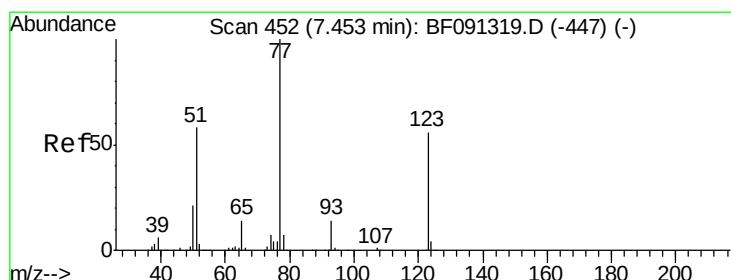
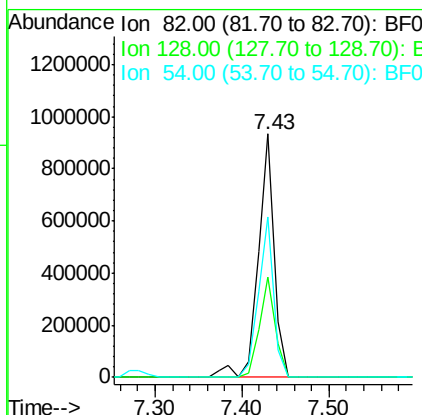
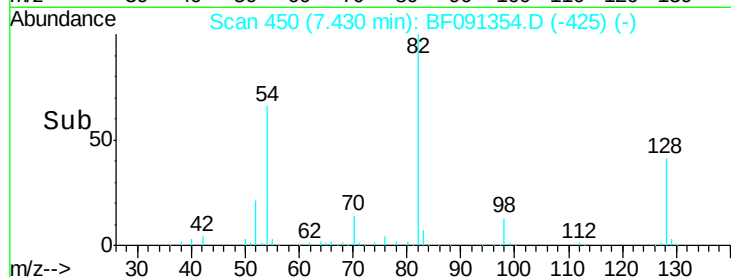
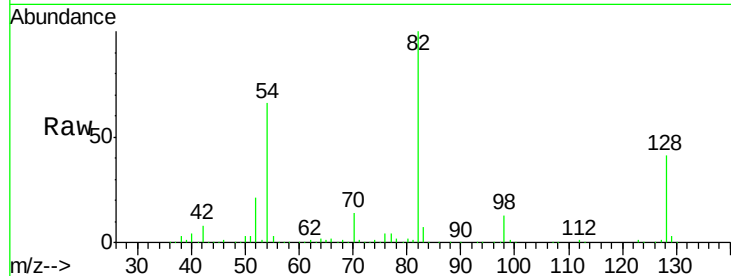
#23
Nitrobenzene-d5
Concen: 88.62 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.8	47.6
54	66.0	49.1	73.7

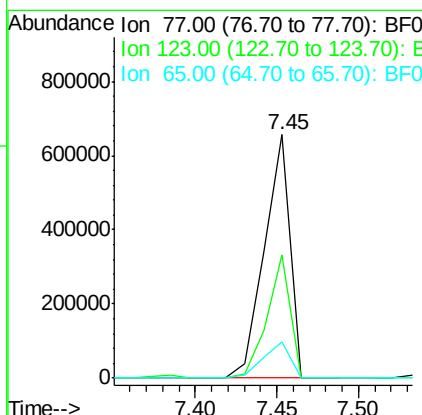
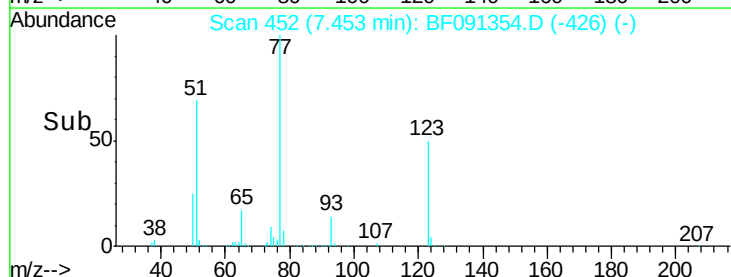
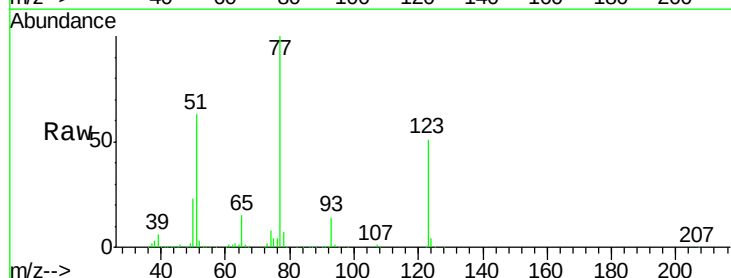
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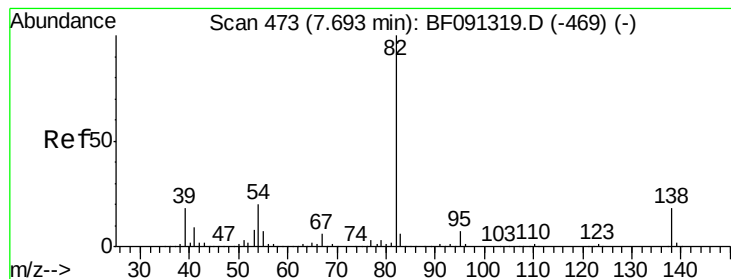
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#24
Nitrobenzene
Concen: 51.32 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	28.5	42.7#
65	14.9	12.5	18.7





#25

Isophorone

Concen: 51.26 ng

RT: 7.69 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion: 82 Resp: 1235855

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

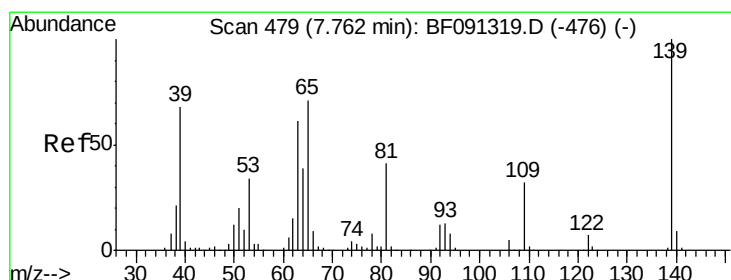
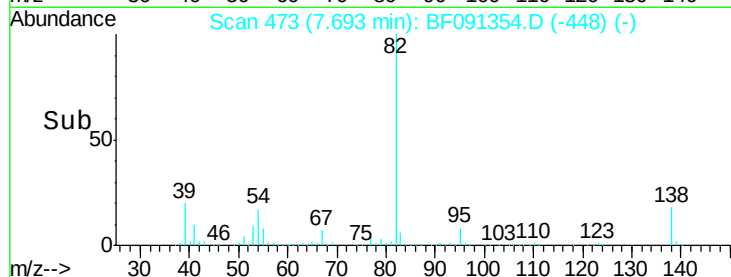
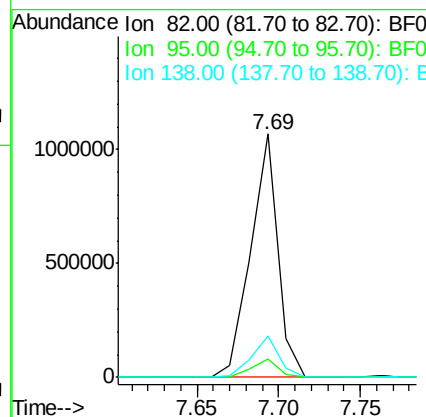
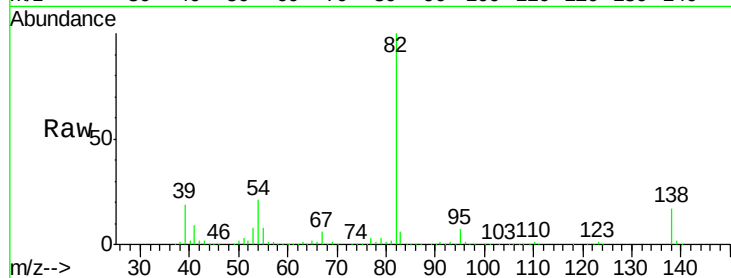
138 17.2 13.4 20.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.42 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

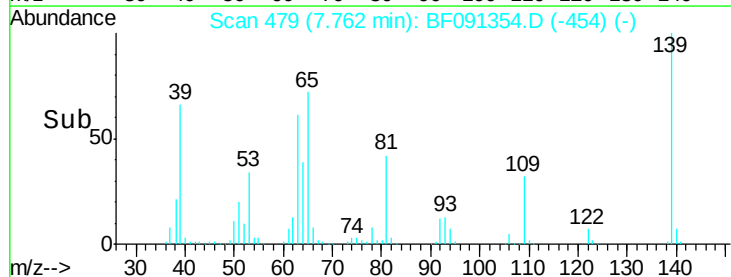
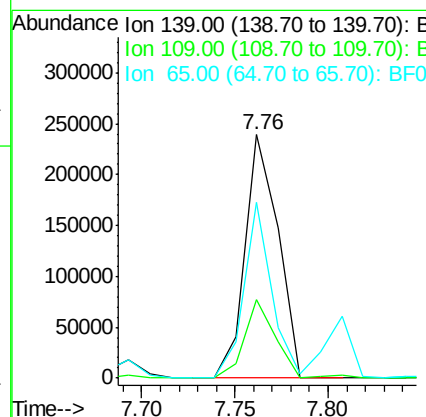
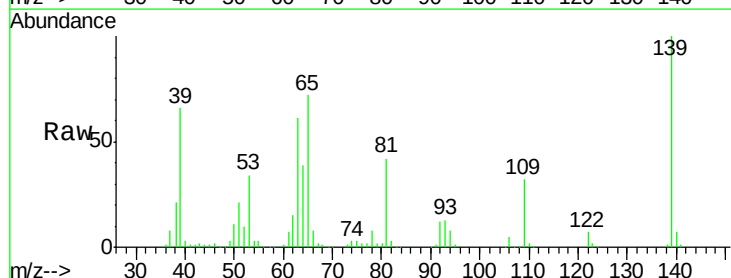
Tgt Ion: 139 Resp: 294722

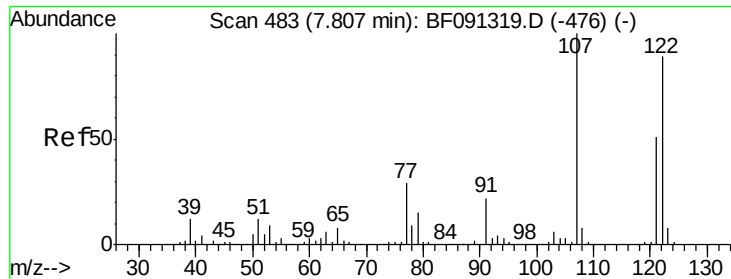
Ion Ratio Lower Upper

139 100

109 32.2 25.3 37.9

65 72.1 55.4 83.2





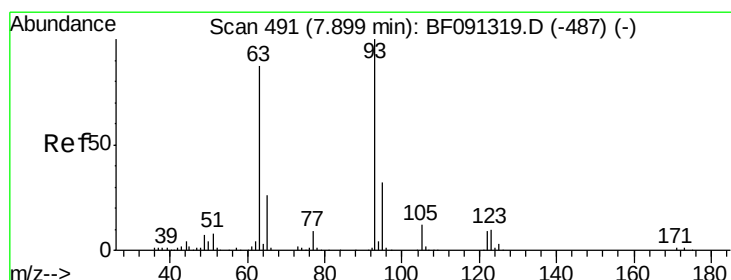
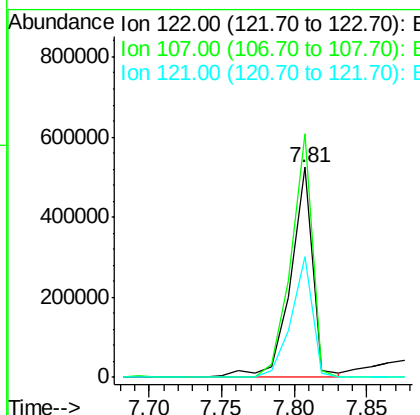
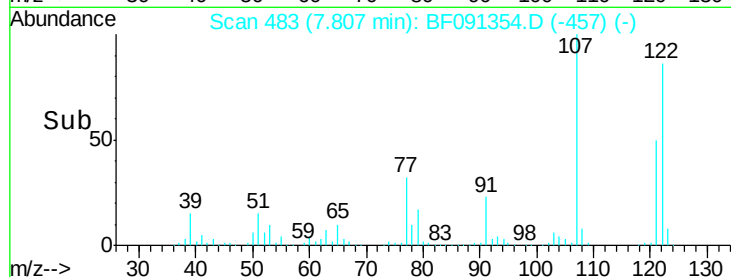
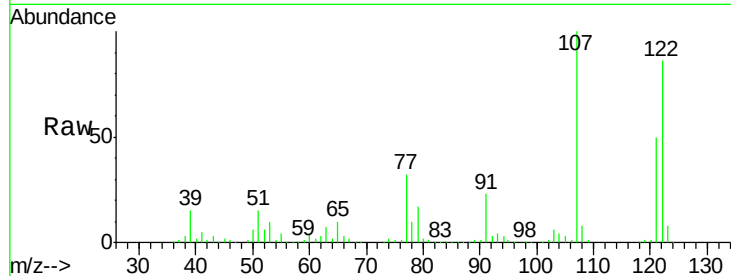
#27
 2,4-Dimethylphenol
 Concen: 46.73 ng
 RT: 7.81 min Scan# 483
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	96.8	145.2
121	57.7	47.7	71.5

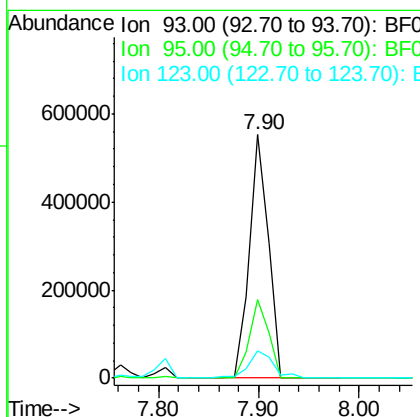
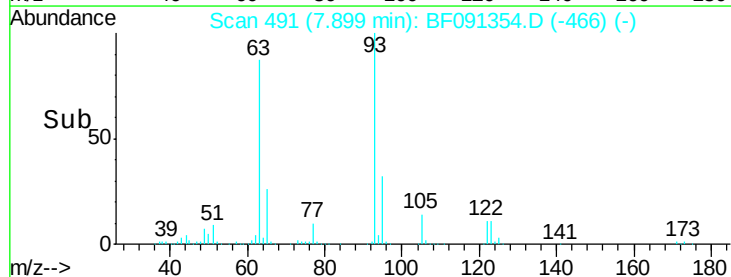
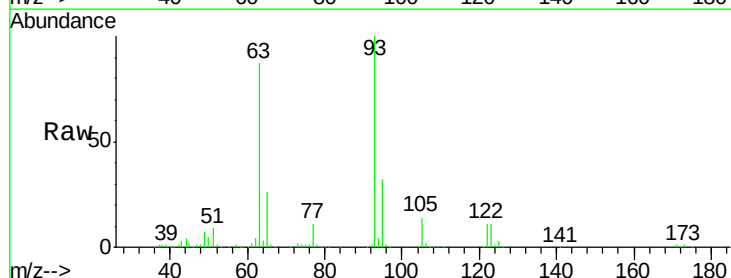
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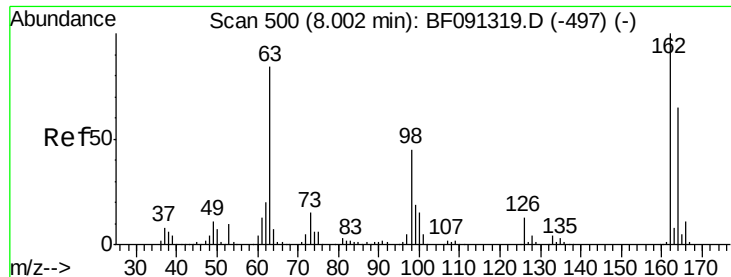
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#28
 bis(2-Chloroethoxy)methane
 Concen: 49.74 ng
 RT: 7.90 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.2	8.6	12.8





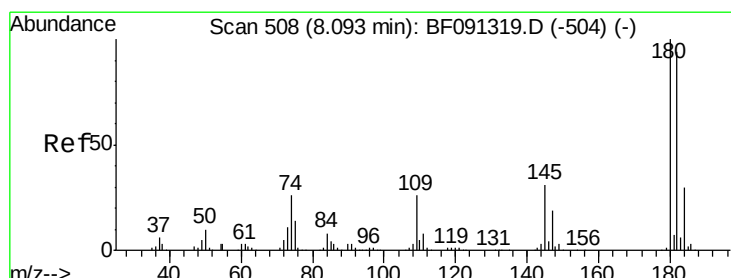
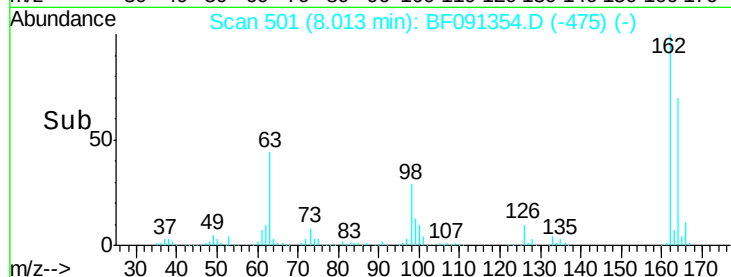
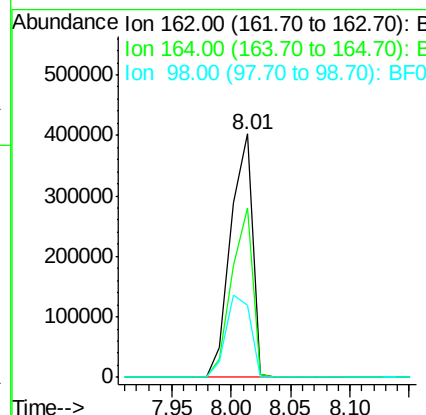
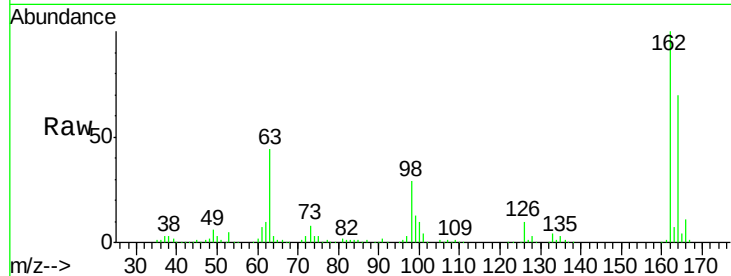
#29
 2,4-Dichlorophenol
 Concen: 49.24 ng
 RT: 8.01 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		514529		
164	69.8	45.0	85.0		
98	29.4	21.3	61.3		

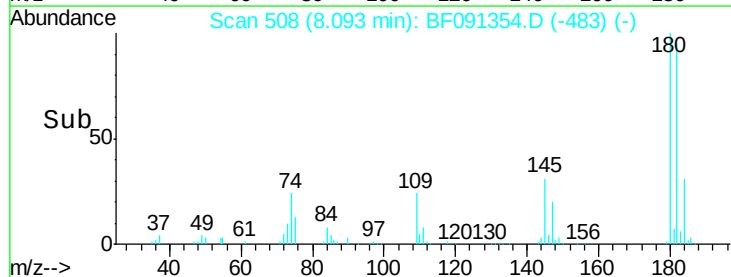
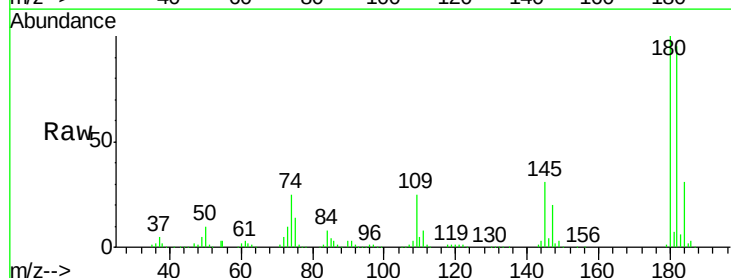
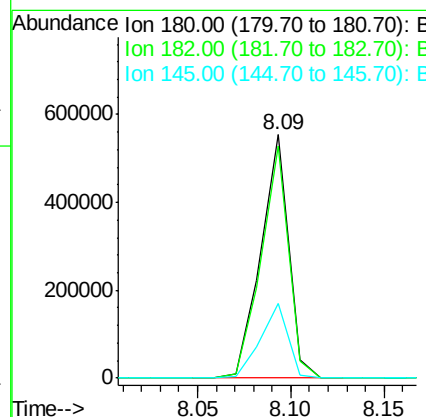
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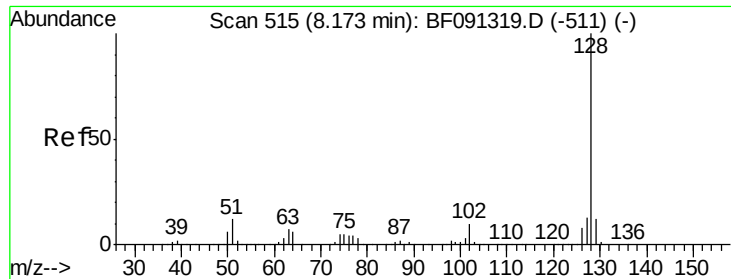
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#30
 1,2,4-Trichlorobenzene
 Concen: 48.54 ng
 RT: 8.09 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		568606		
182	95.3	75.8	113.8		
145	30.9	27.0	40.4		





#31

Naphthalene

Concen: 46.97 ng

RT: 8.17 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:128 Resp: 1702607

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

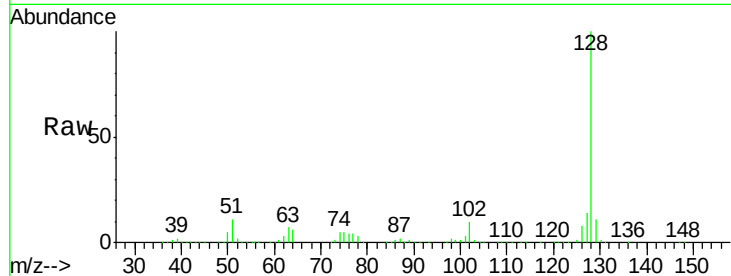
127 13.7 11.0 16.4

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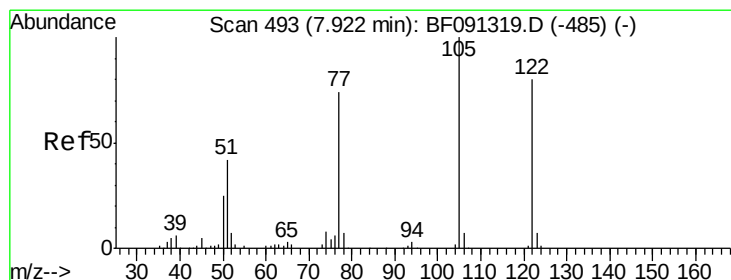
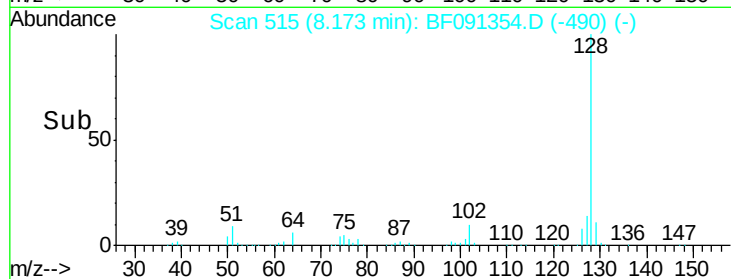
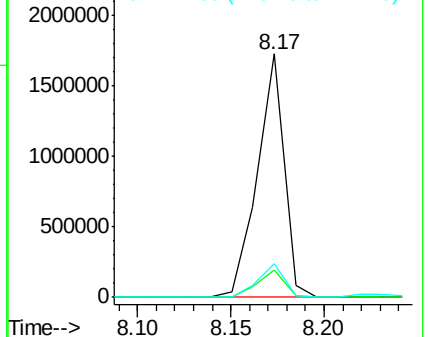
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.47 ng

RT: 7.93 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

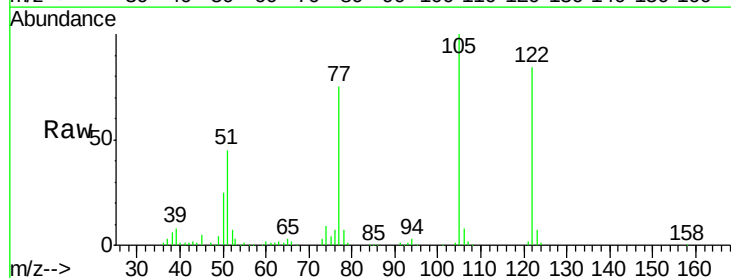
Tgt Ion:122 Resp: 354352

Ion Ratio Lower Upper

122 100

105 118.5 113.0 153.0

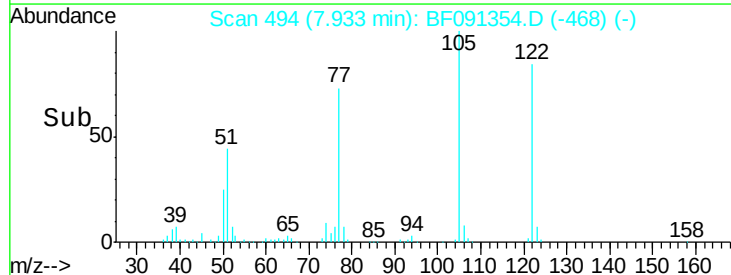
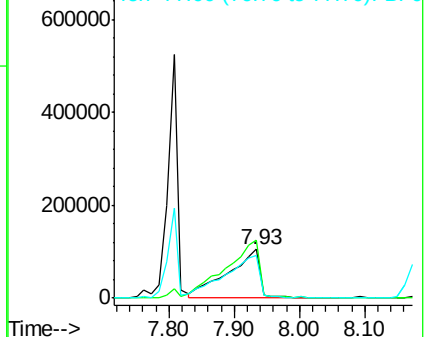
77 88.8 82.0 122.0

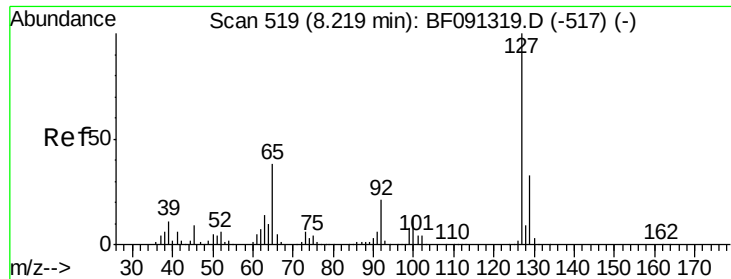


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





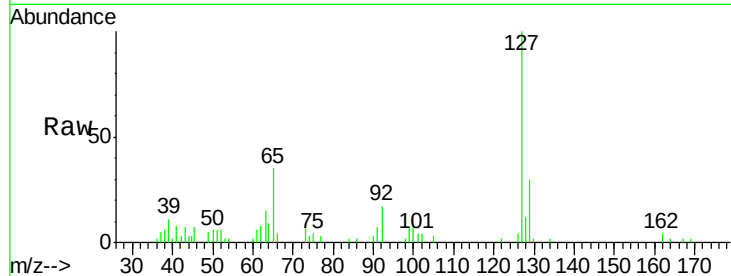
#33
4-Chloroaniline
Concen: 3.88 ng
RT: 8.23 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

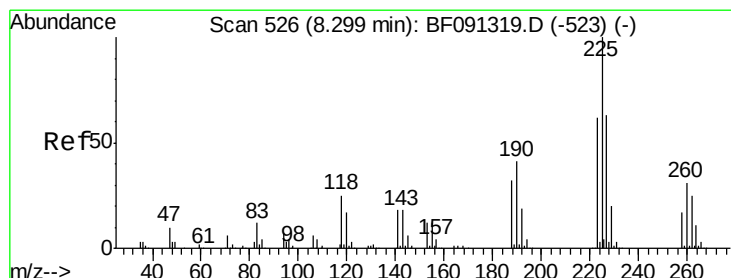
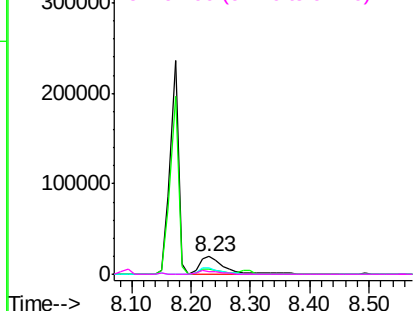
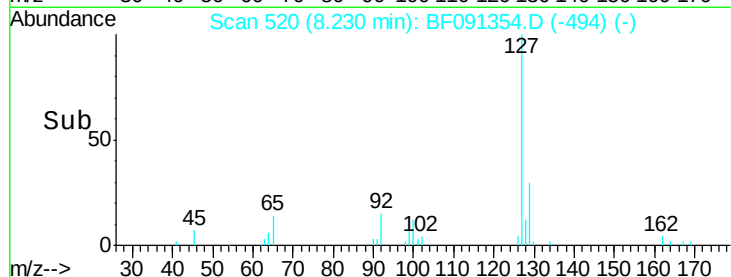
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60062		
129	30.4	26.2	39.4		
65	35.3	26.6	39.8		
92	17.0	15.4	23.0		

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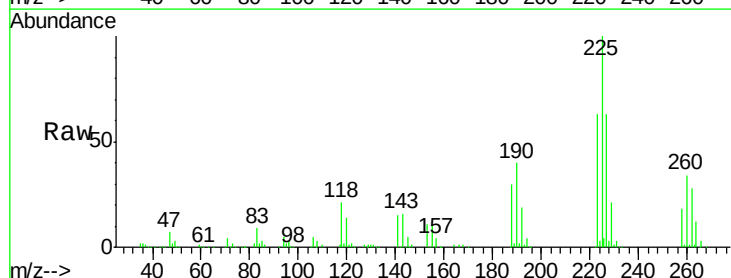


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

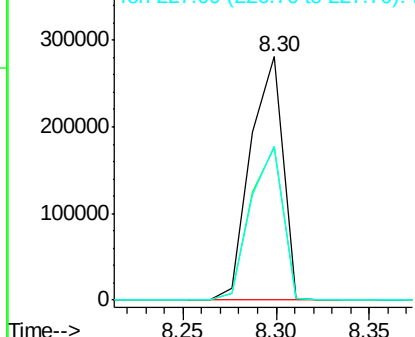
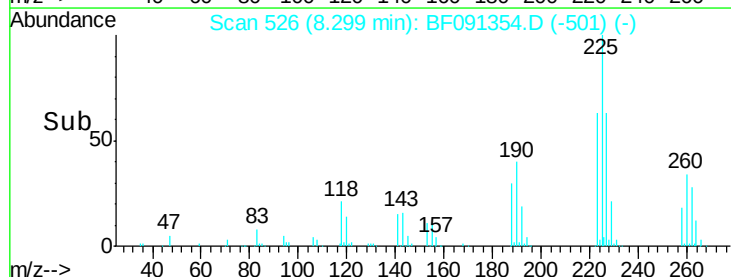


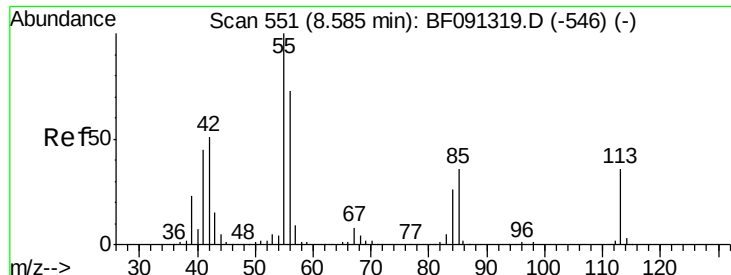
#34
Hexachlorobutadiene
Concen: 46.81 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		337163		
223	62.8	49.8	74.6		
227	63.3	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





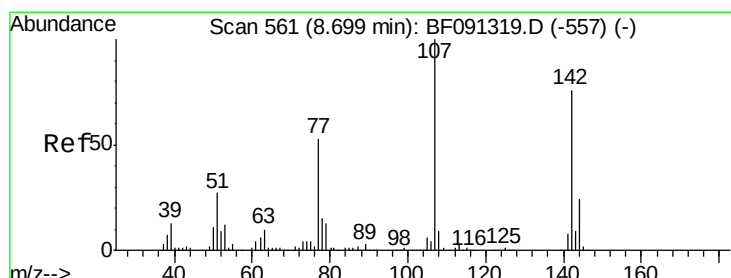
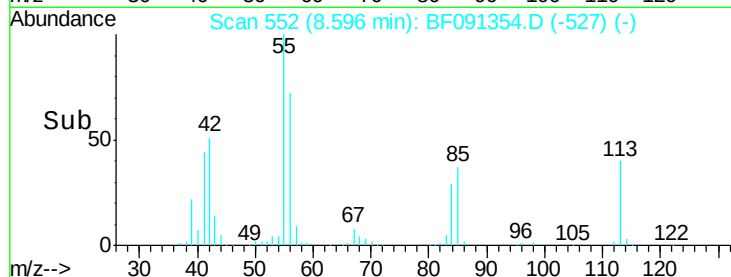
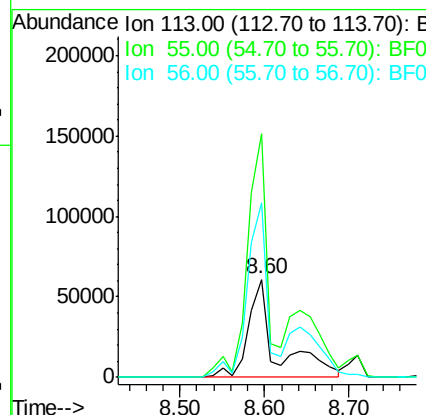
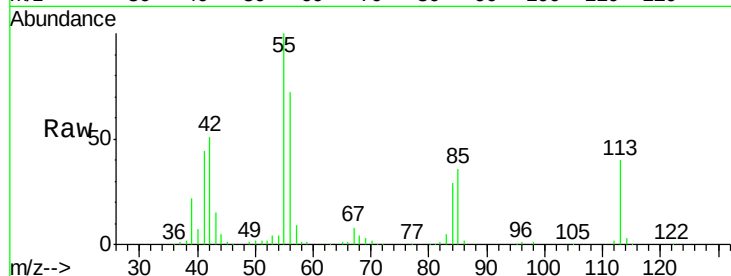
#35
 Caprolactam
 Concen: 47.09 ng/ml
 RT: 8.60 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	249.2	239.8	279.8
56	178.9	165.6	205.6

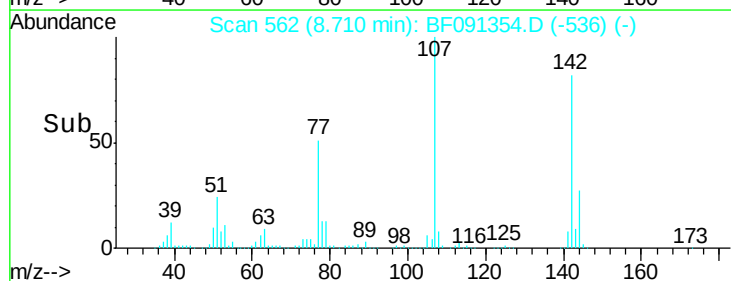
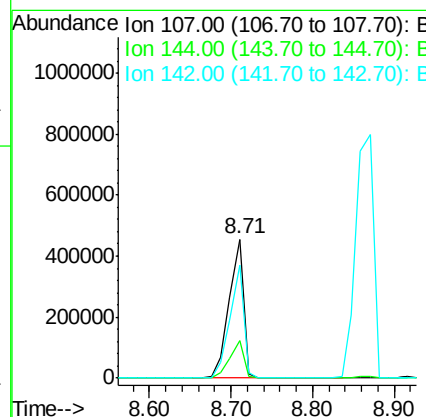
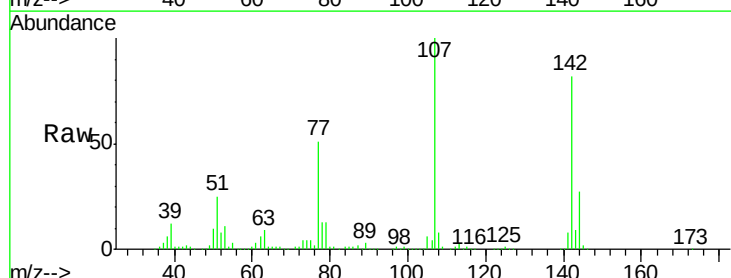
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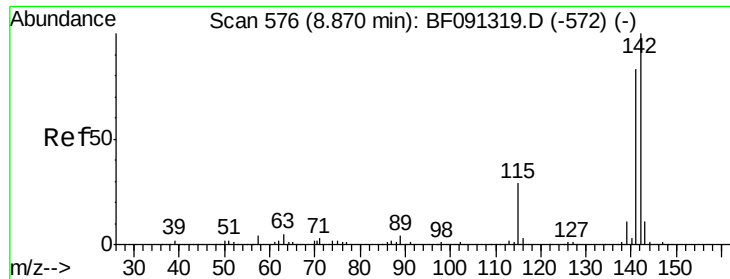
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#36
 4-Chloro-3-methylphenol
 Concen: 49.73 ng/ml
 RT: 8.71 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	18.9	28.3
142	81.9	58.5	87.7





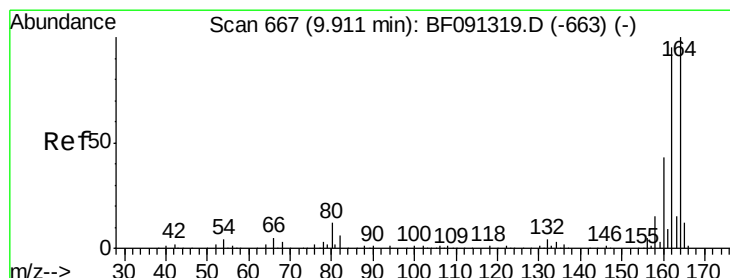
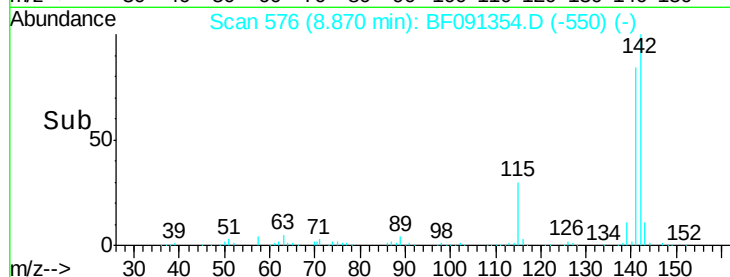
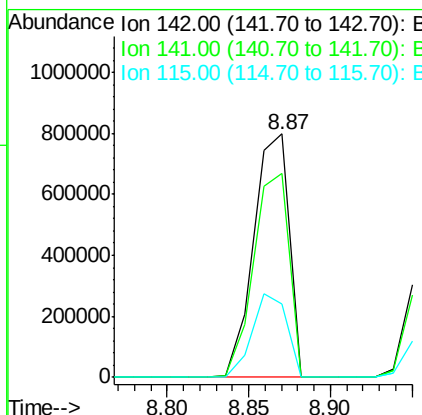
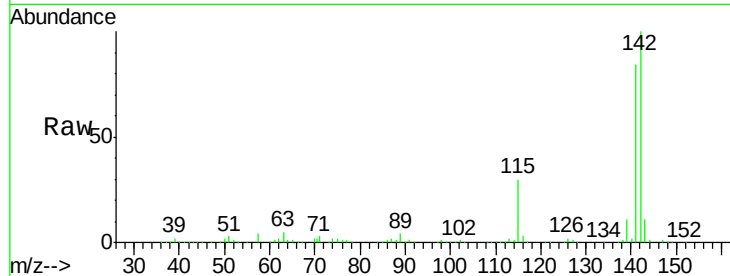
#37
2-Methylnaphthalene
Concen: 48.96 ng
RT: 8.87 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion:142 Resp: 1205653
Ion Ratio Lower Upper
142 100
141 83.7 71.7 107.5
115 30.3 25.0 37.6

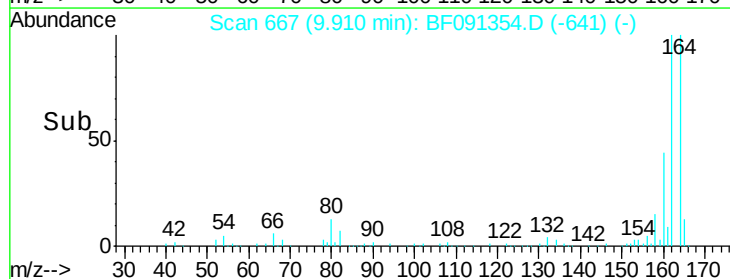
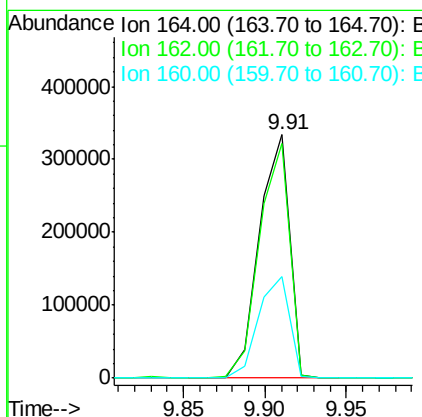
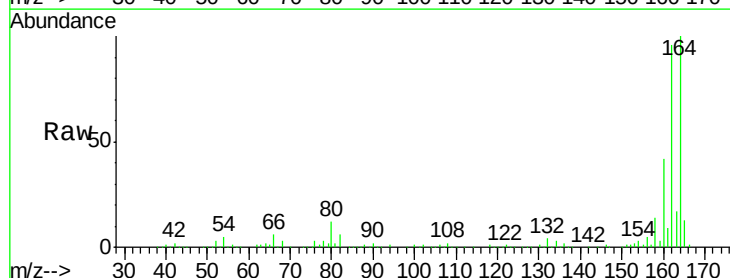
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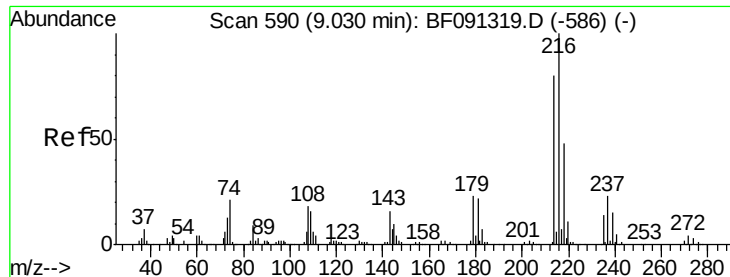
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion:164 Resp: 431864
Ion Ratio Lower Upper
164 100
162 96.5 82.6 124.0
160 41.9 36.7 55.1





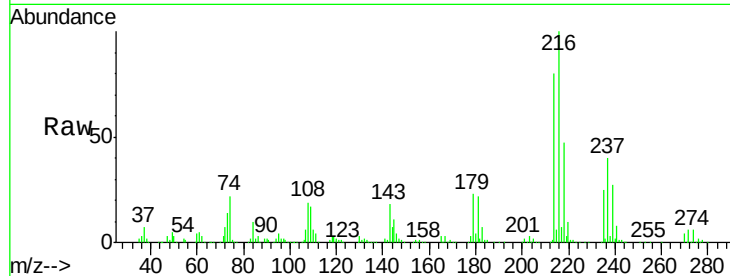
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.09 ng
 RT: 9.03 min Scan# 590
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

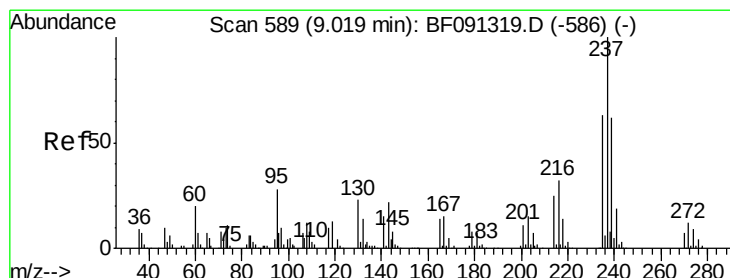
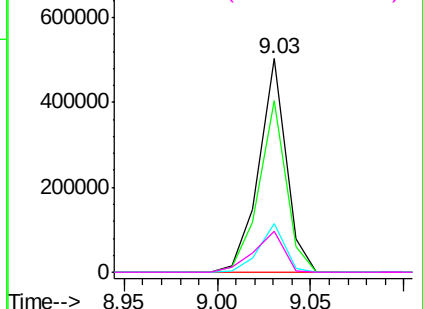
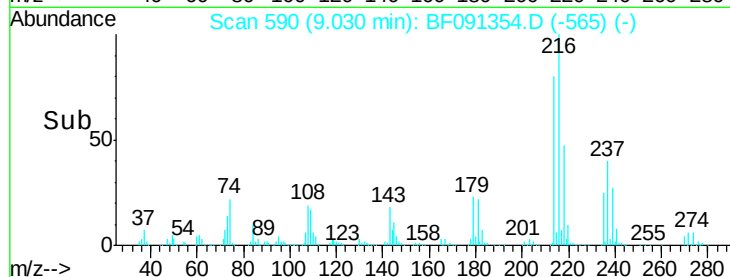
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		512463		
214	80.1		63.8	95.8	
179	22.0		18.2	27.2	
108	21.0		17.2	25.8	

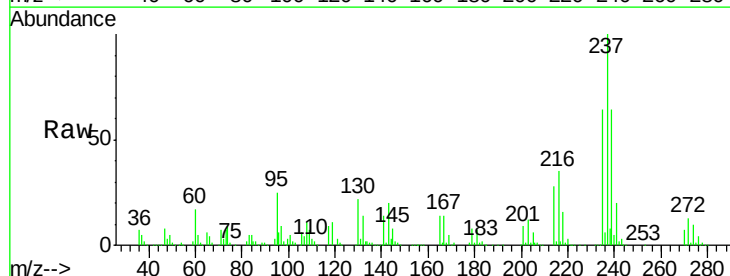


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

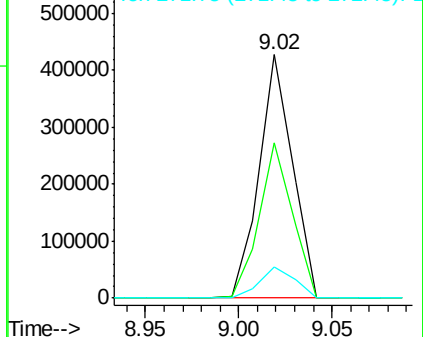
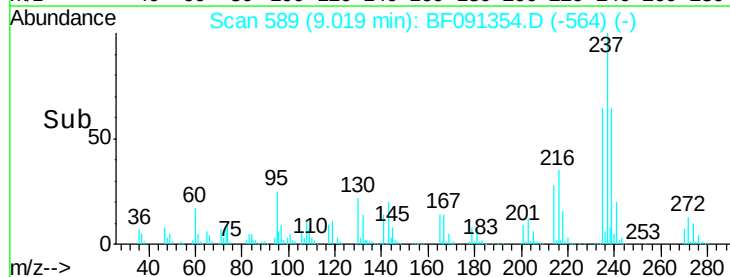


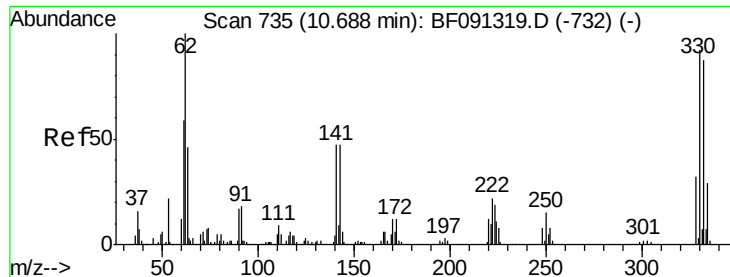
#40
 Hexachlorocyclopentadiene
 Concen: 93.68 ng
 RT: 9.02 min Scan# 589
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		528673		
235	63.6		43.9	83.9	
272	13.0		0.0	33.1	



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





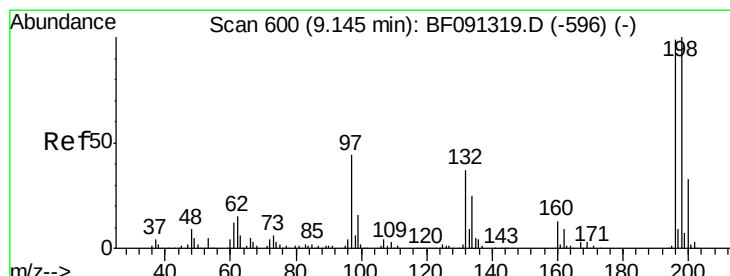
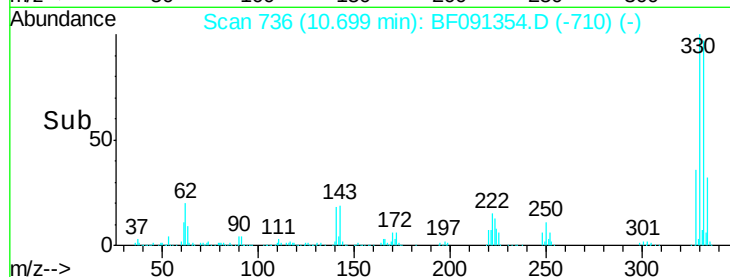
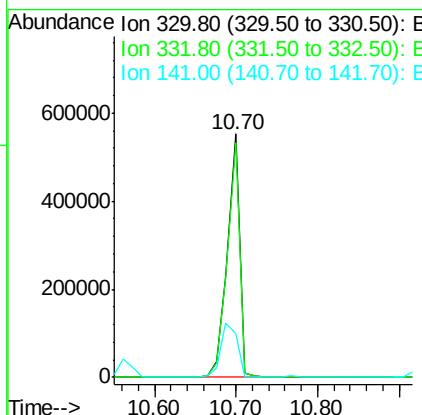
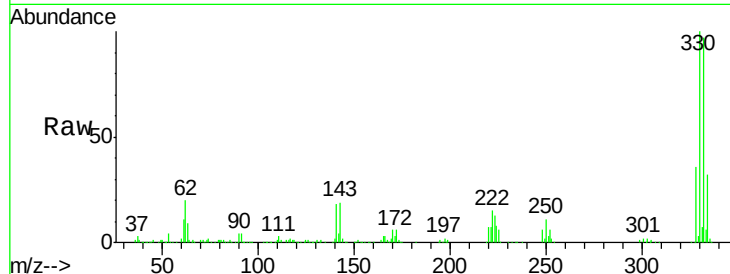
#41
 2,4,6-Tribromophenol
 Concen: 140.75 ng
 RT: 10.70 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	575461		
332	96.9	76.2	114.4	
141	30.1	33.6	50.4	

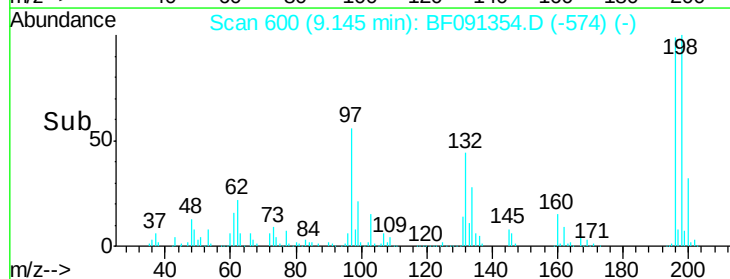
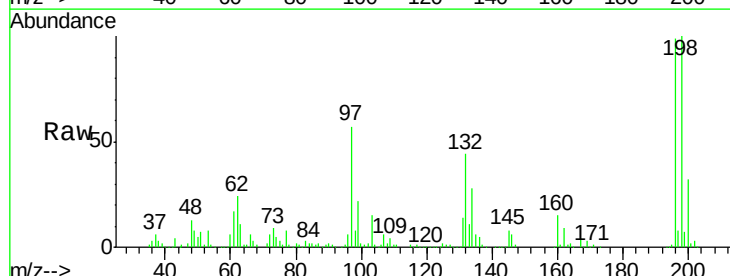
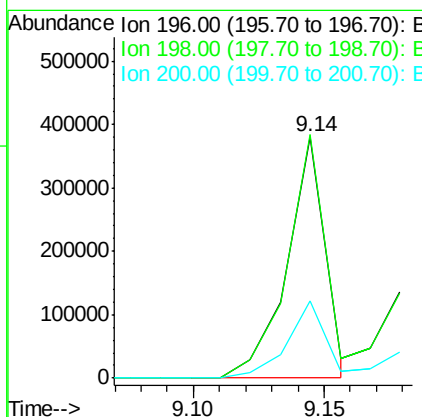
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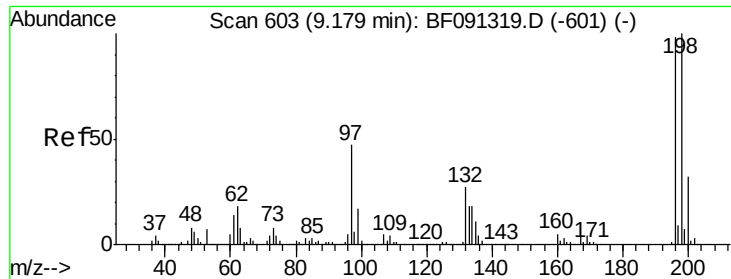
sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 48.50 ng m
 RT: 9.14 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	383734		
198	100.9	77.4	116.0	
200	32.0	25.2	37.8	





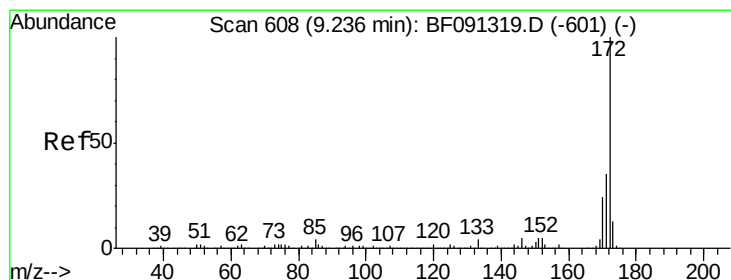
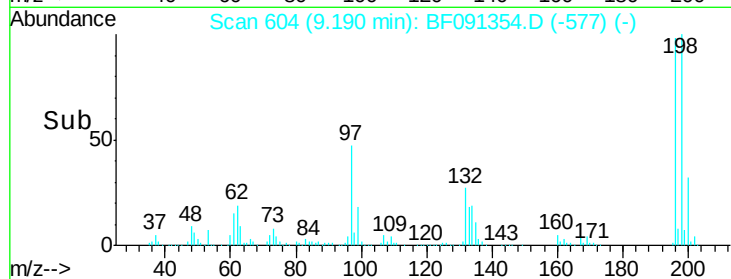
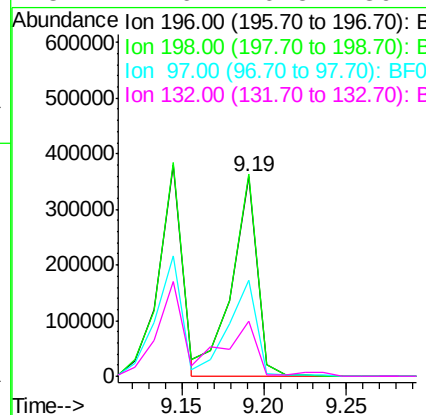
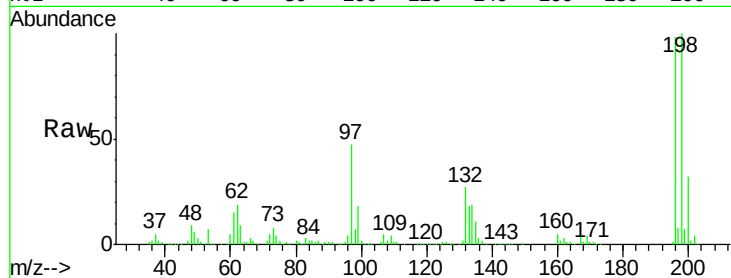
#43
 2,4,5-Trichlorophenol
 Concen: 49.03 ng/ml
 RT: 9.19 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	196	Resp	388765
Ion Ratio	Lower	Upper	
196	100		
198	101.6	77.0	115.6
97	48.1	33.5	50.3
132	27.6	20.5	30.7

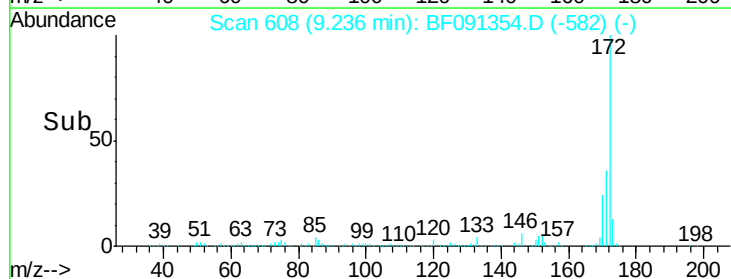
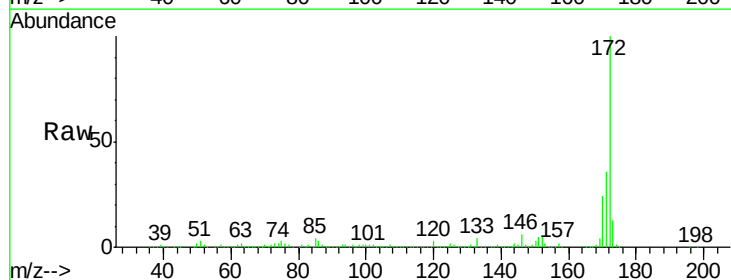
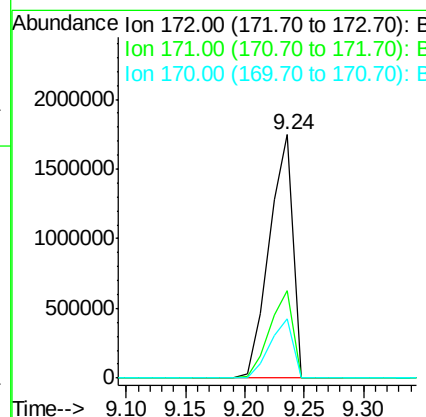
Manual Integrations
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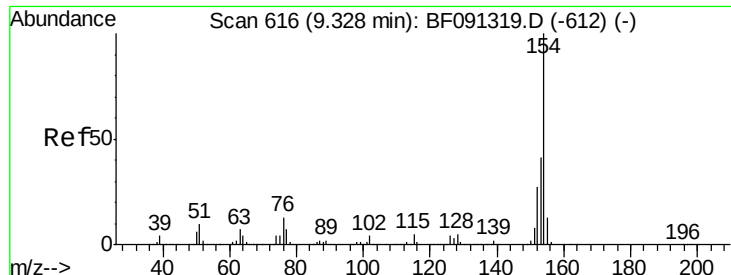
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#44
 2-Fluorobiphenyl
 Concen: 101.29 ng/ml
 RT: 9.24 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	172	Resp	2415921
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.0
170	24.1	19.7	29.5





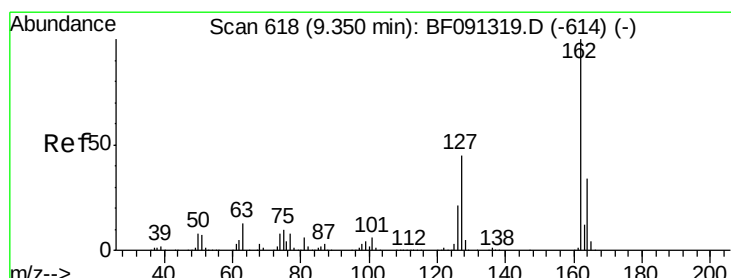
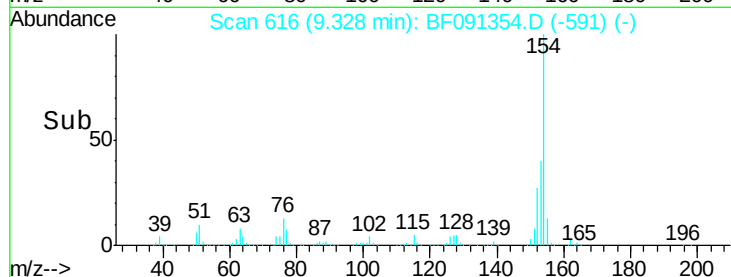
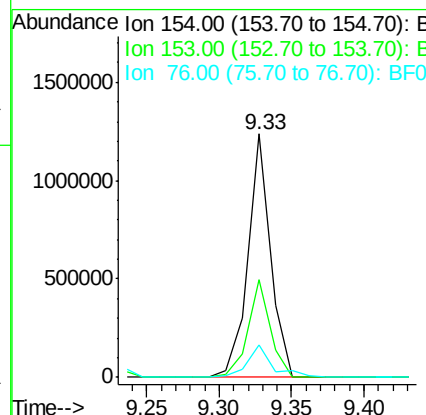
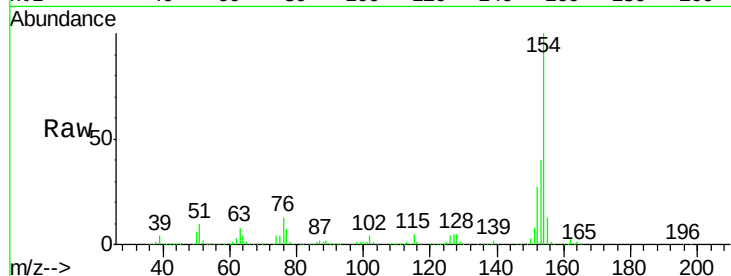
#45
 1,1'-Biphenyl
 Concen: 42.89 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	13.4	0.0	36.6

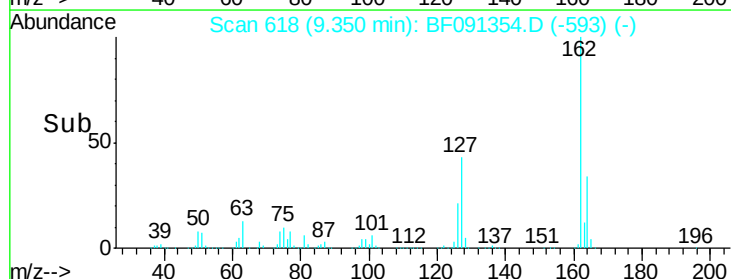
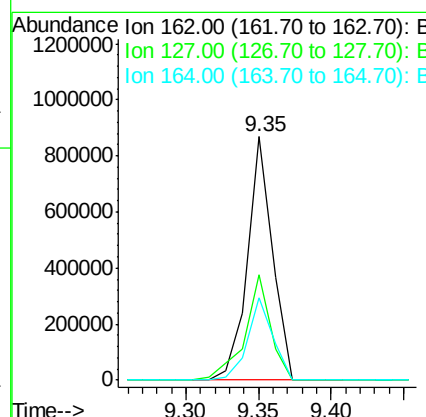
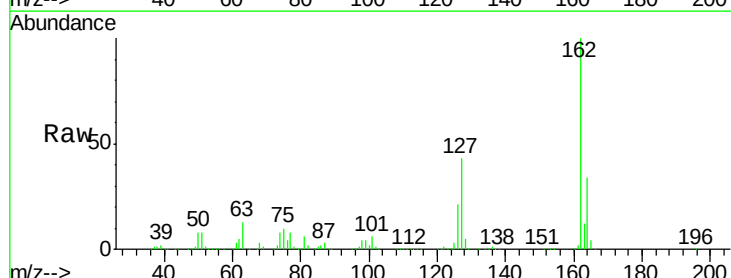
Manual Integrations
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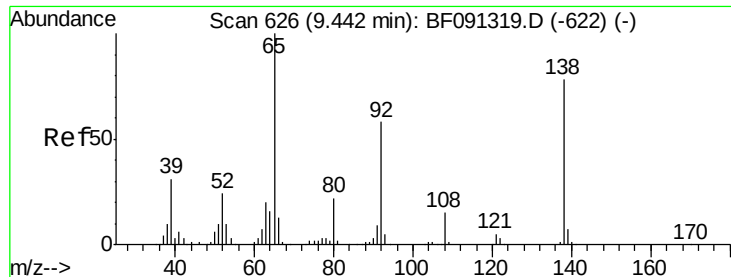
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#46
 2-Chloronaphthalene
 Concen: 44.63 ng
 RT: 9.35 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.3	34.3	51.5
164	34.1	26.6	40.0





#47

2-Nitroaniline

Concen: 43.63 ng

RT: 9.44 min Scan# 626

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

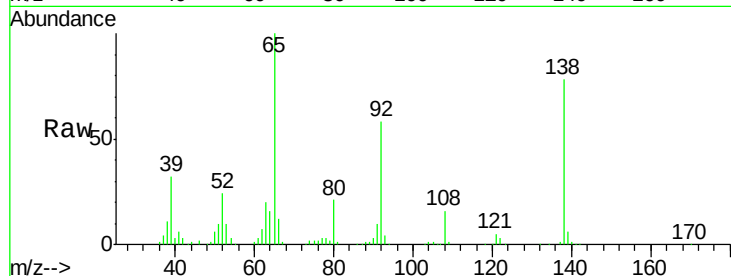
GRID-MM4-6MSD

Tot Ion: 65 Resp: 362370

Ion	Ratio	Lower	Upper
65	100		
92	58.0	53.6	80.4
138	78.3	91.0	136.6

Manual Integrations
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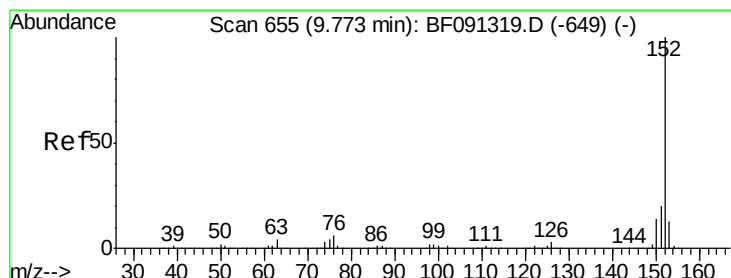
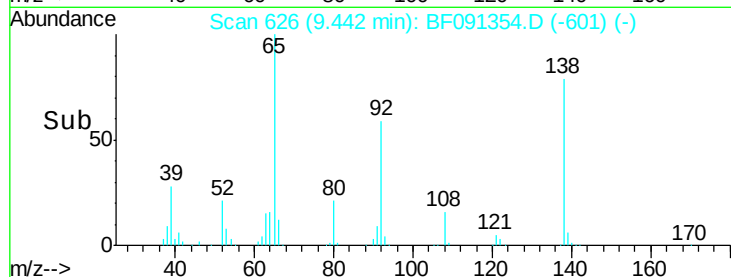
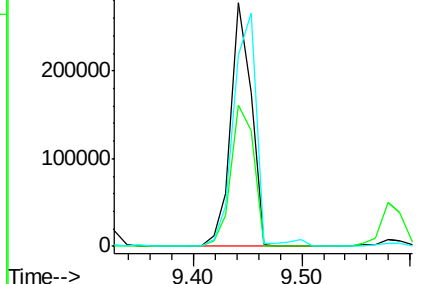
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Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 47.90 ng

RT: 9.77 min Scan# 655

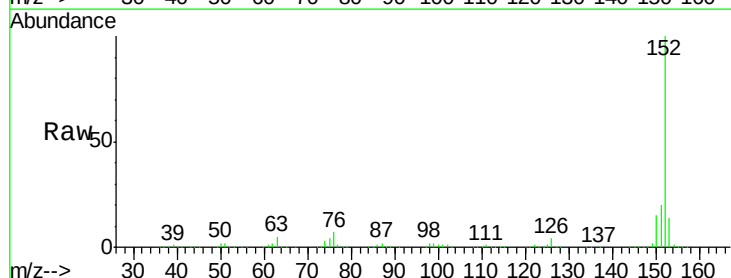
Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion: 152 Resp: 1743913

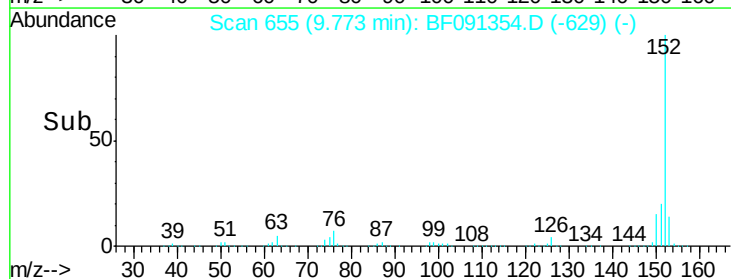
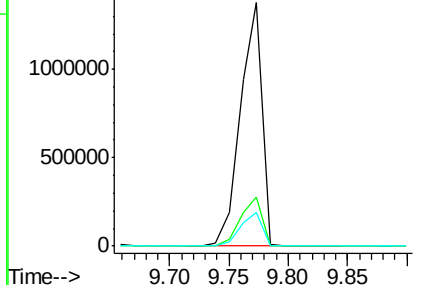
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	24.8
153	13.7	10.7	16.1

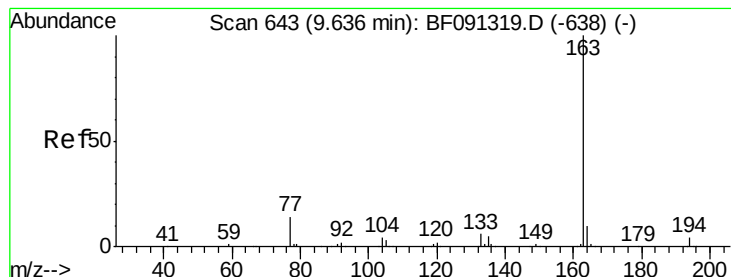


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 48.94 ng

RT: 9.64 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:163 Resp: 1279844

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

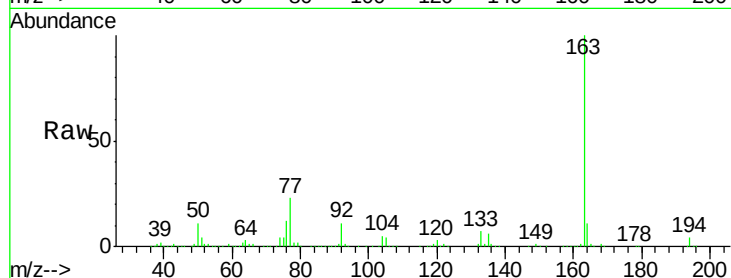
164 11.1 7.8 11.8

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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

1500000

1000000

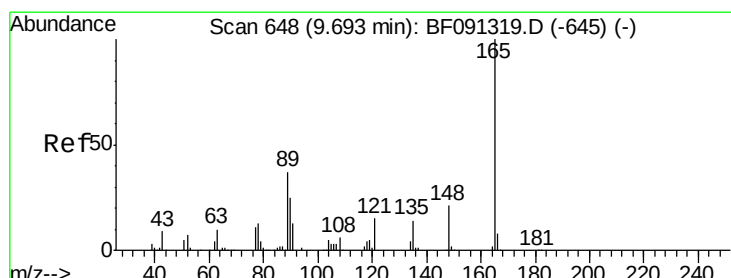
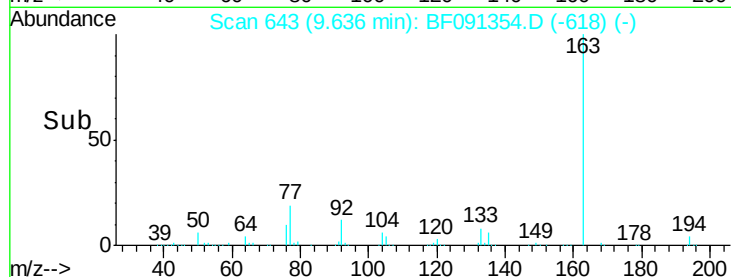
500000

0

9.64

9.60 9.70

Time-->



#50

2,6-Dinitrotoluene

Concen: 55.94 ng

RT: 9.69 min Scan# 648

Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

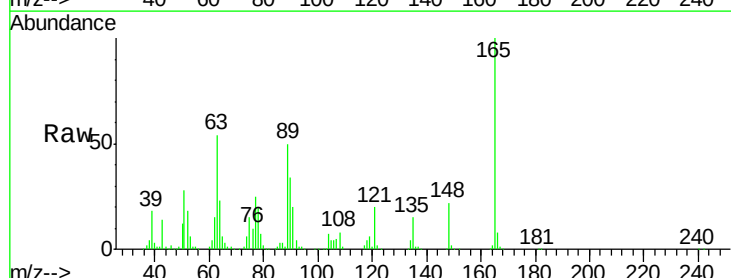
Tgt Ion:165 Resp: 326935

Ion Ratio Lower Upper

165 100

63 54.3 59.4 89.0#

89 49.9 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

400000

300000

200000

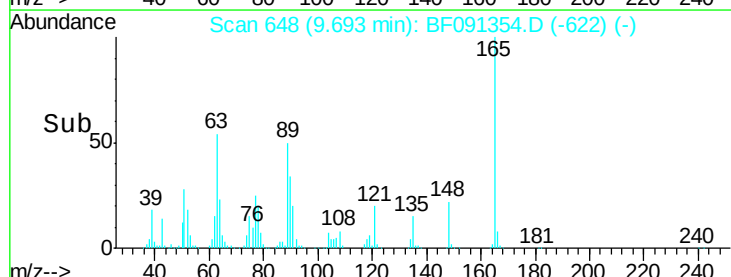
100000

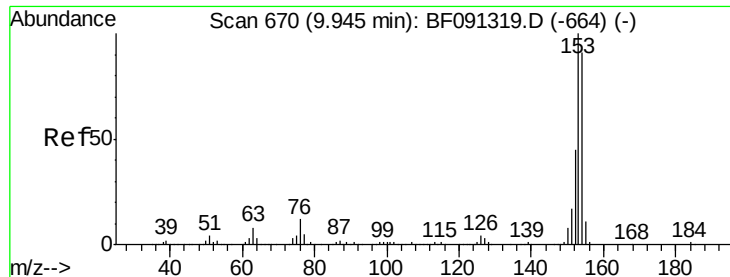
0

9.69

9.65 9.70 9.75

Time-->





#51

Acenaphthene

Concen: 49.07 ng

RT: 9.94 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:154 Resp: 1205023

Ion Ratio Lower Upper

154 100

153 109.8 91.0 136.6

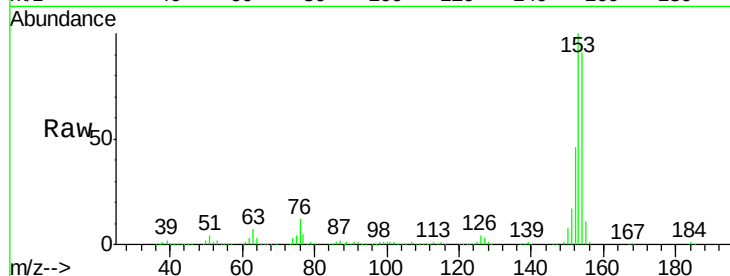
152 50.2 44.2 66.2

Manual Integrations

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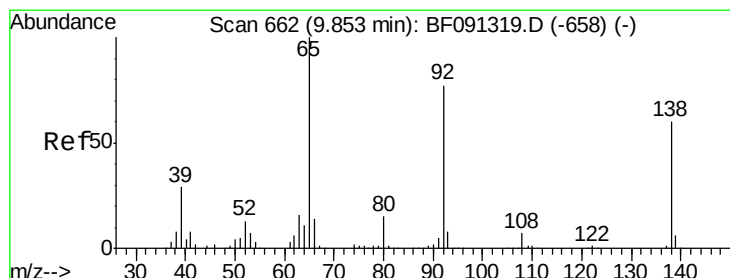
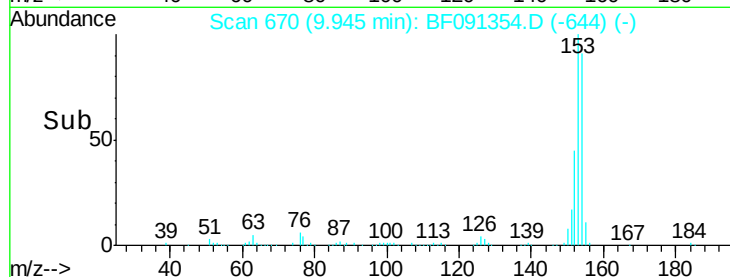
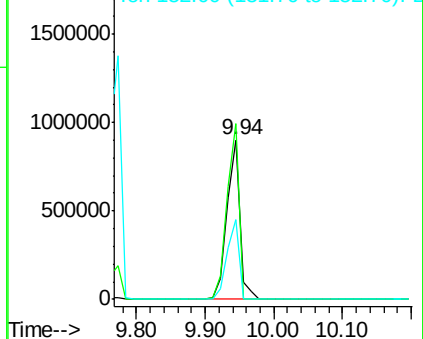
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.79 ng

RT: 9.85 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

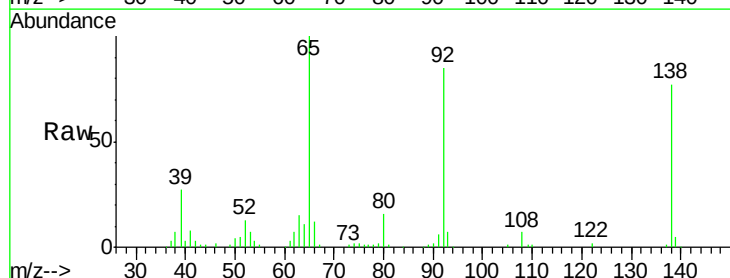
Tgt Ion:138 Resp: 72999

Ion Ratio Lower Upper

138 100

108 9.3 8.1 12.1

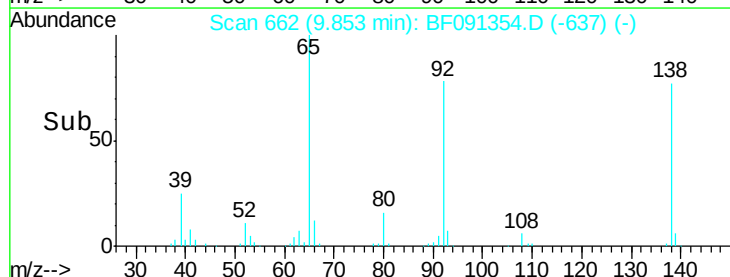
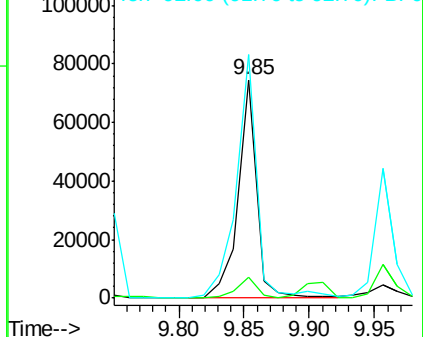
92 111.6 92.5 138.7

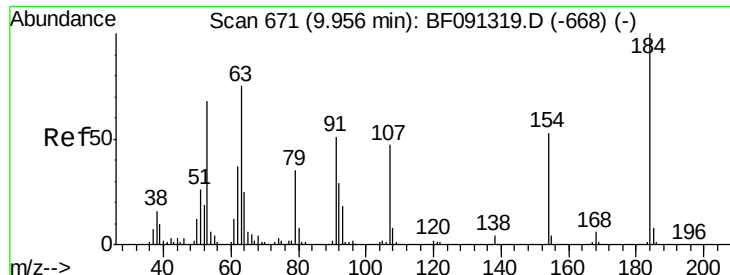


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





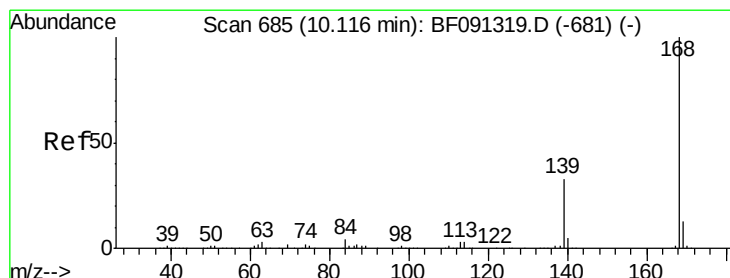
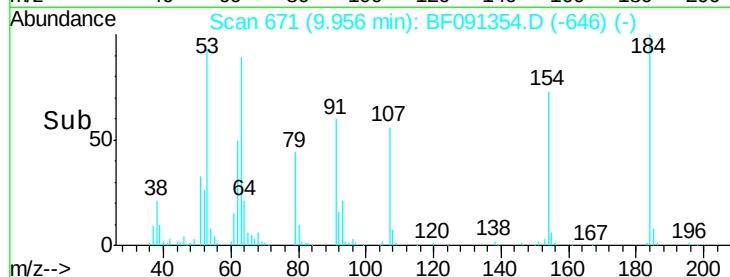
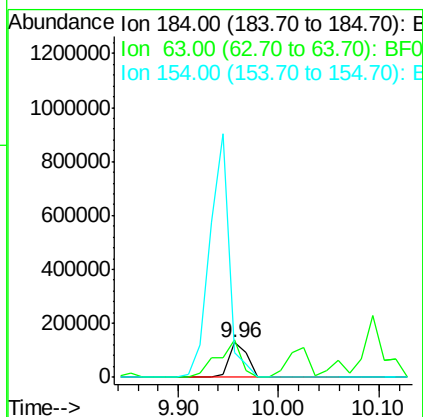
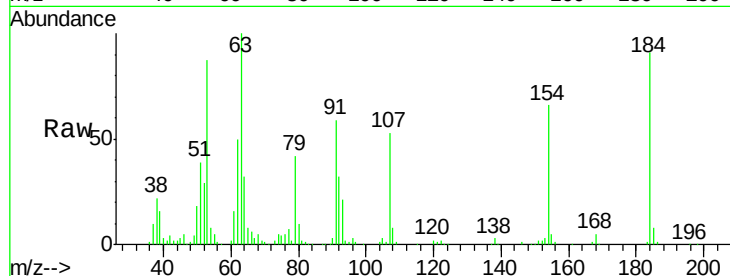
#53
 2,4-Dinitrophenol
 Concen: 64.84 ng
 RT: 9.96 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	110.1	58.3	87.5#
154	72.9	48.6	73.0

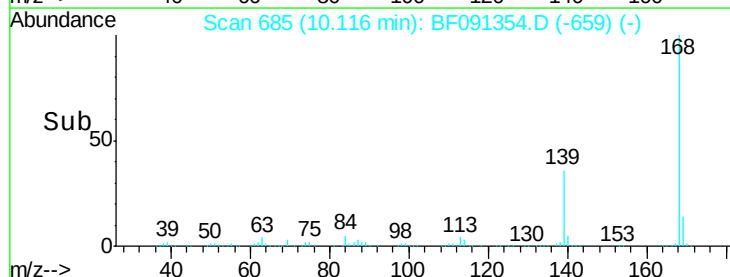
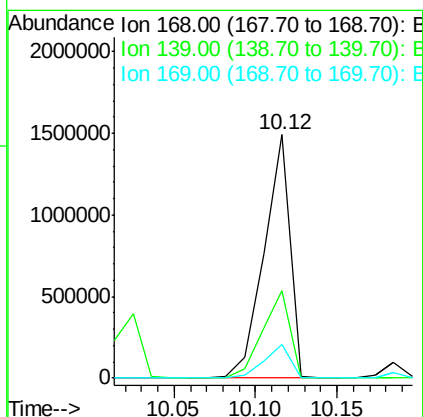
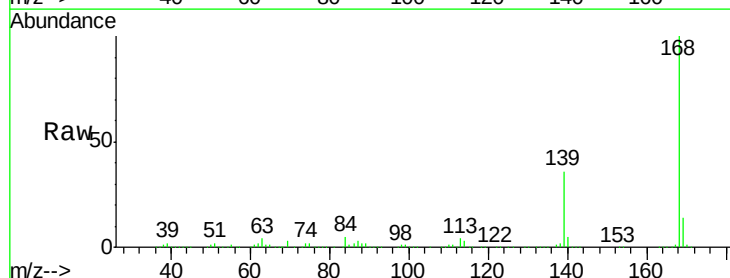
Manual Integrations
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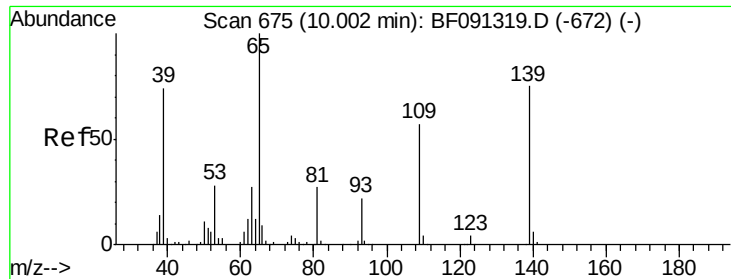
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#54
 Dibenzofuran
 Concen: 50.29 ng
 RT: 10.12 min Scan# 685
 Delta R.T. -0.00 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	33.4	50.2
169	13.7	11.1	16.7





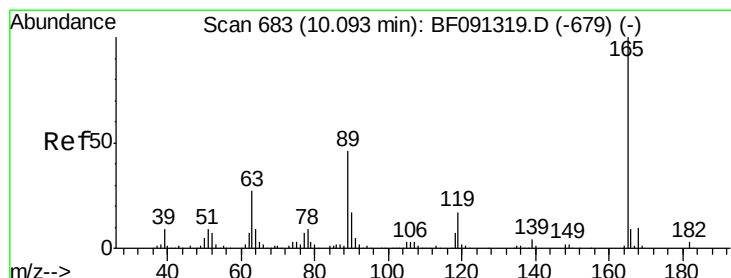
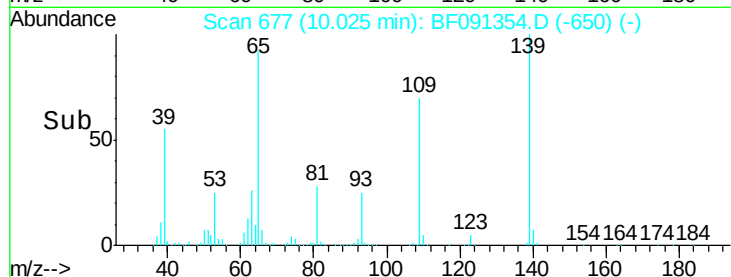
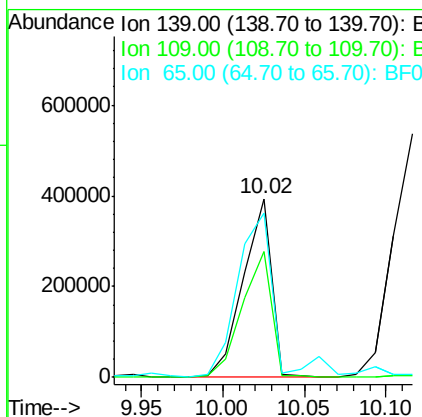
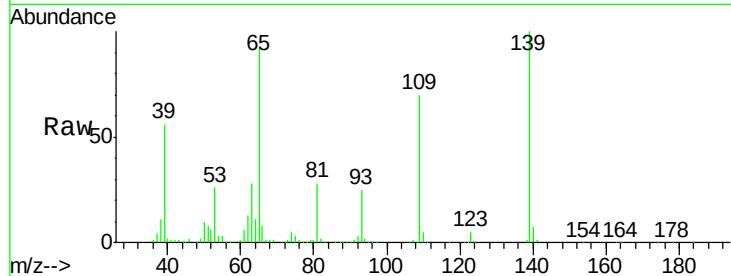
#55
4-Nitrophenol
Concen: 97.73 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.2	54.9	94.9
65	92.4	102.2	142.2

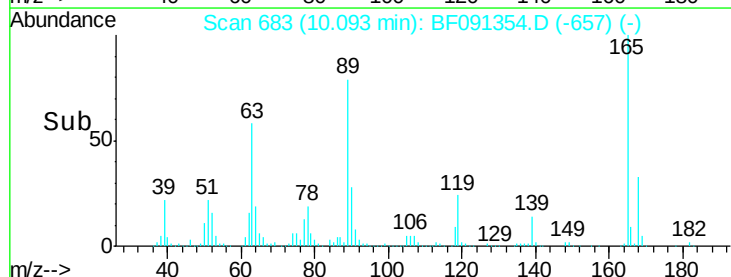
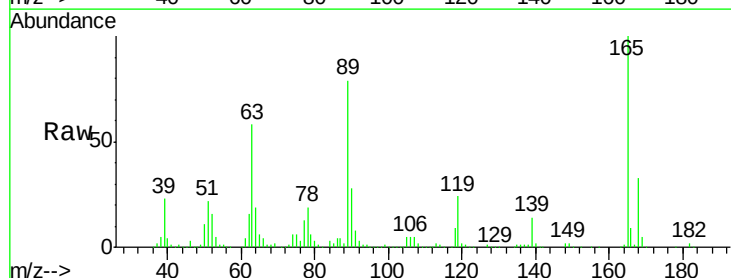
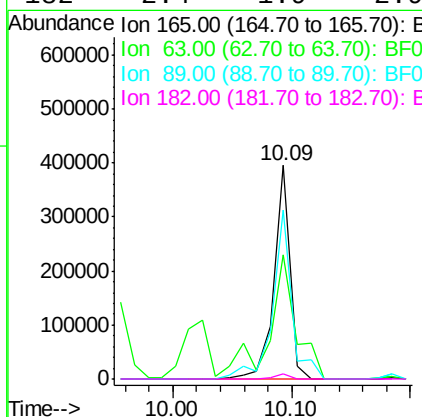
Manual Integrations
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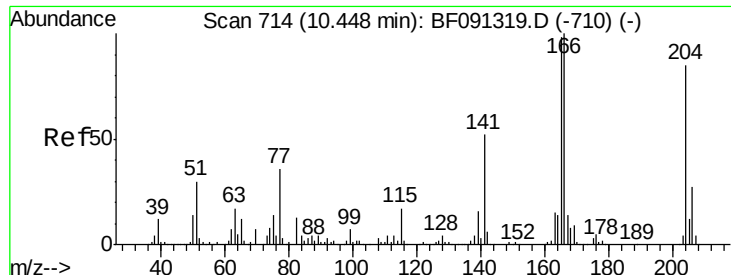
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#56
2,4-Dinitrotoluene
Concen: 48.87 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	29.0	43.4
89	79.0	43.1	64.7
182	2.4	1.9	2.9





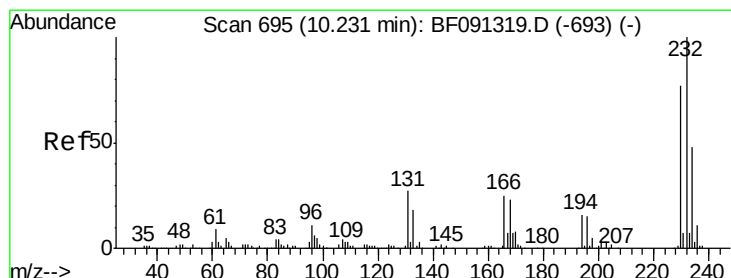
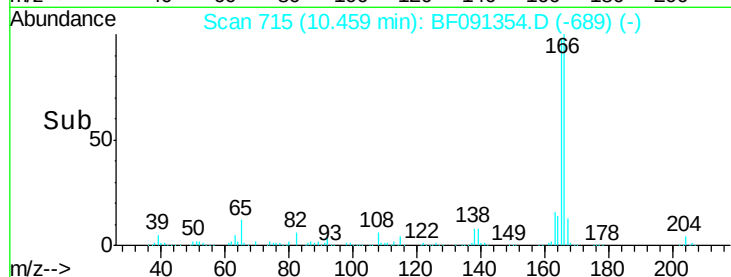
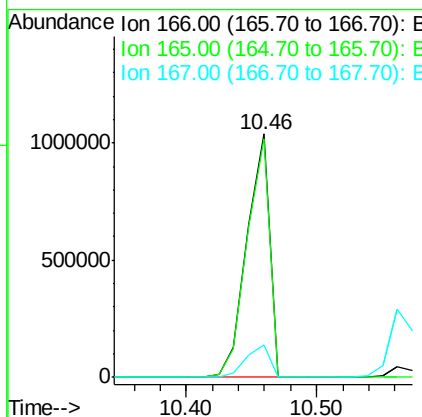
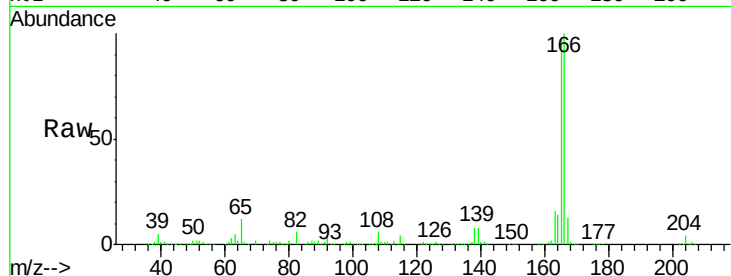
#57
Fluorene
 Concen: 49.79 ng
 RT: 10.46 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampled :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	13.2	10.8	16.2

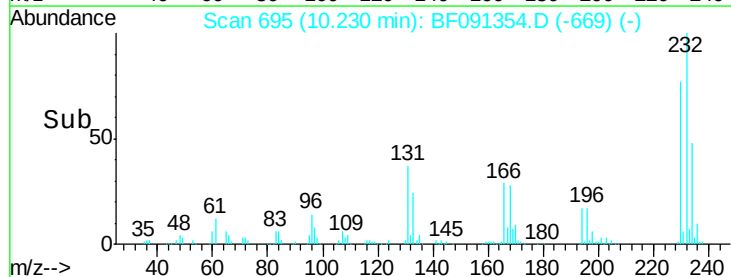
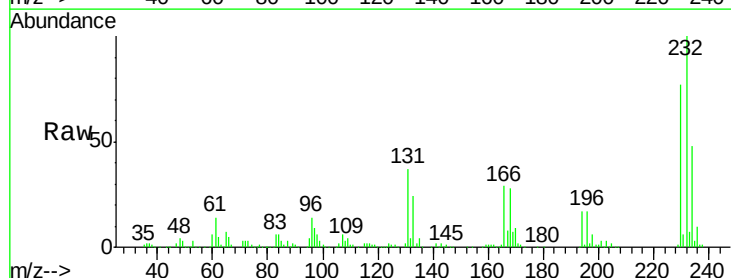
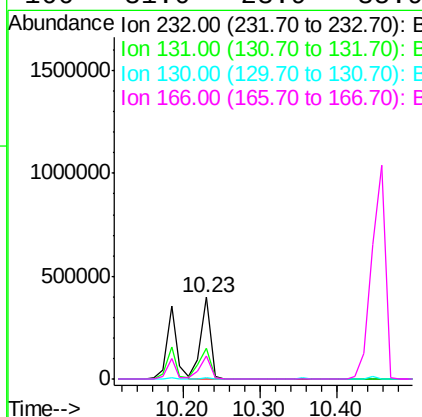
Manual Integrations
 APPROVED

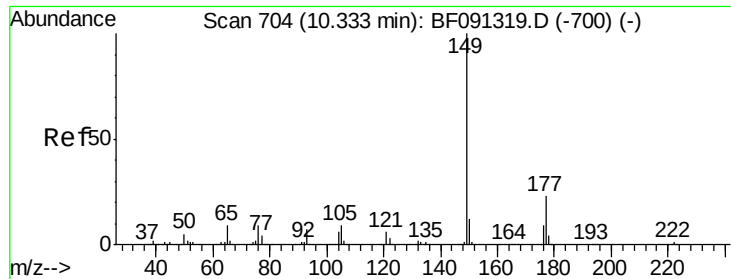
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 52.33 ng
 RT: 10.23 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.2	38.4	57.6
130	2.1	1.8	2.8
166	31.0	23.9	35.9





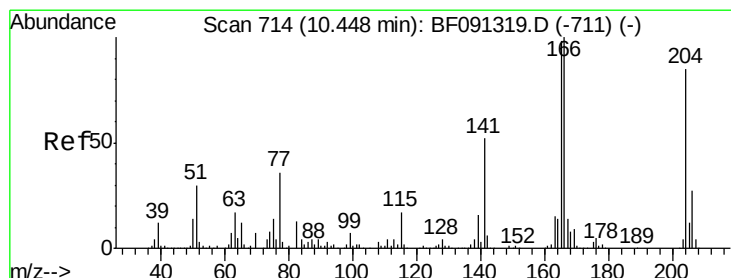
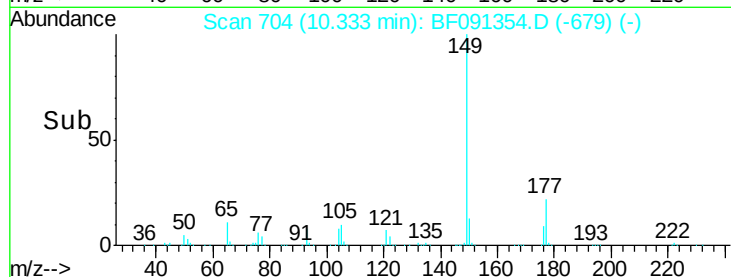
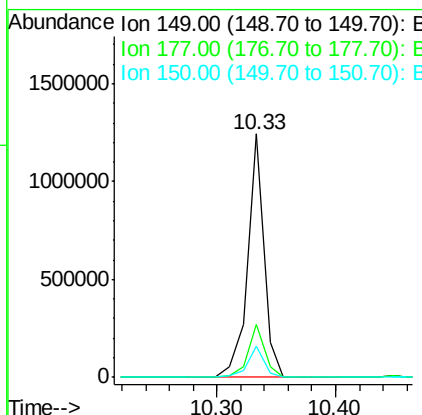
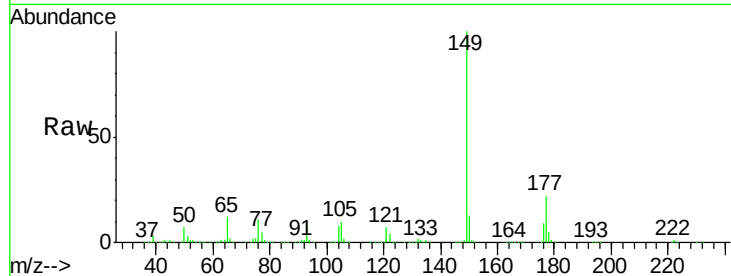
#59
Diethylphthalate
Concen: 46.67 ng
RT: 10.33 min Scan# 704
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	15.7	23.5
150	13.0	10.2	15.2

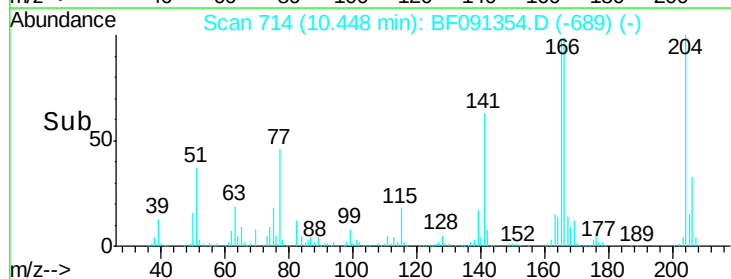
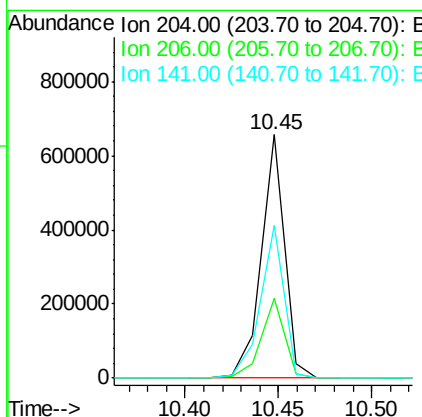
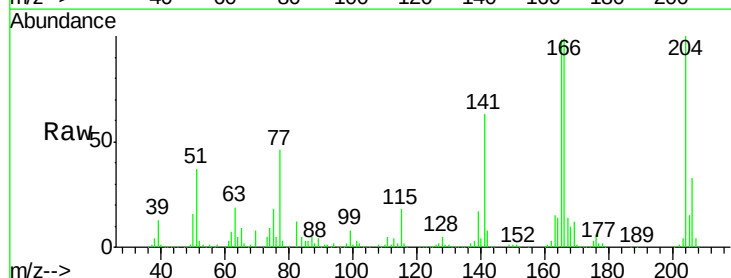
Manual Integrations
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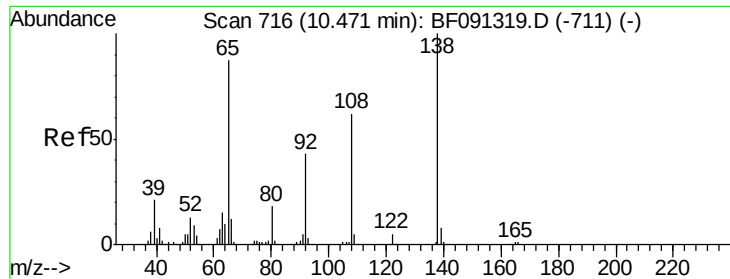
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 44.43 ng
RT: 10.45 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.1	39.1
141	62.5	40.6	61.0





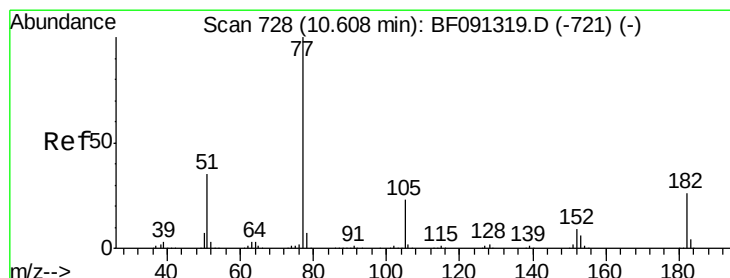
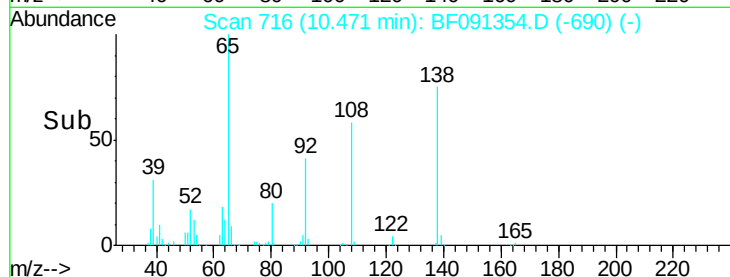
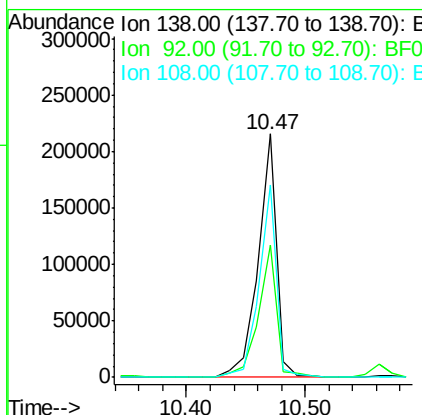
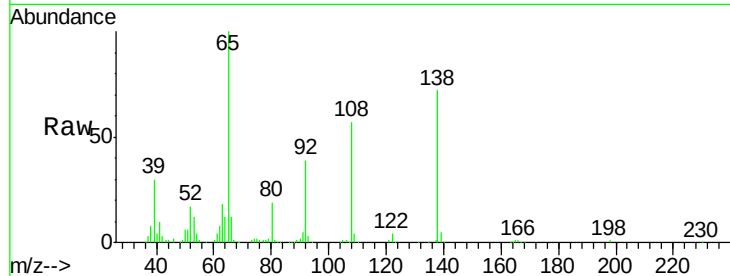
#61
4-Nitroaniline
Concen: 36.95 ng
RT: 10.47 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.4	26.9	66.9
108	78.8	49.1	89.1

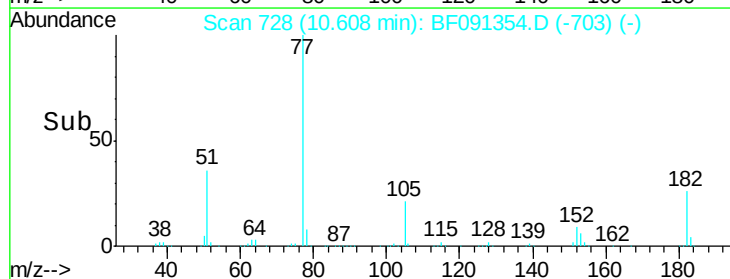
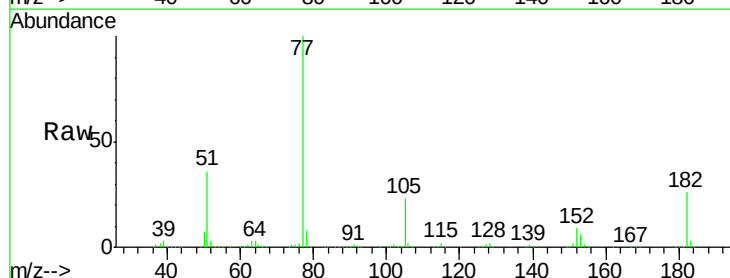
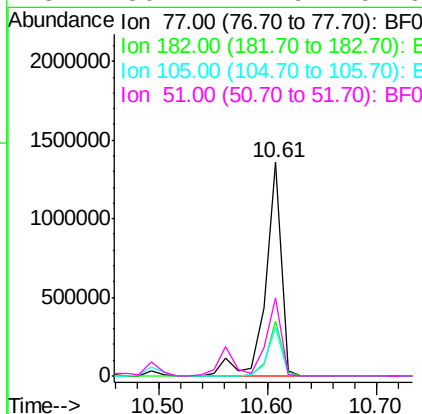
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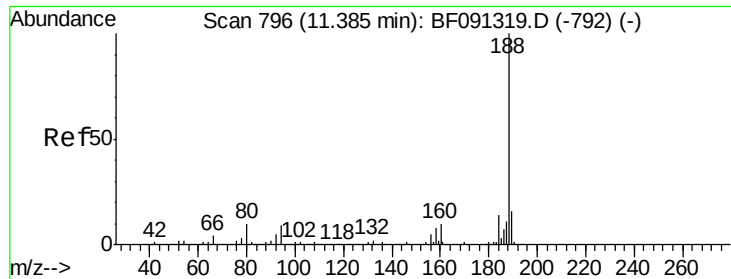
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#62
Azobenzene
Concen: 53.13 ng
RT: 10.61 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	12.5	52.5
105	22.7	3.7	43.7
51	36.4	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:188 Resp: 694799

Ion Ratio Lower Upper

188 100

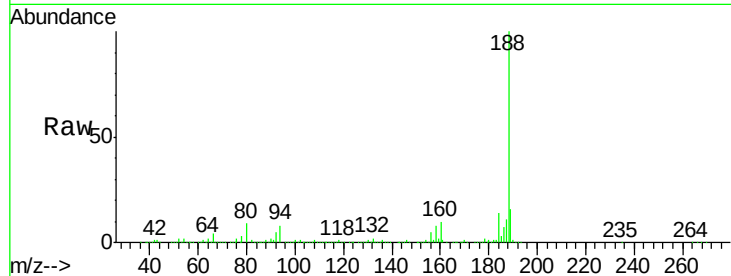
94 8.5 9.2 13.8#

80 9.2 10.5 15.7#

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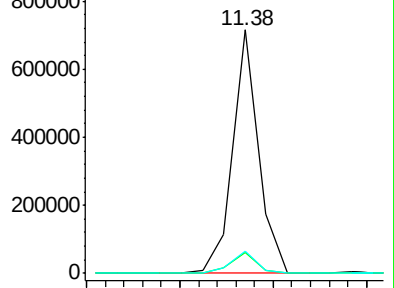
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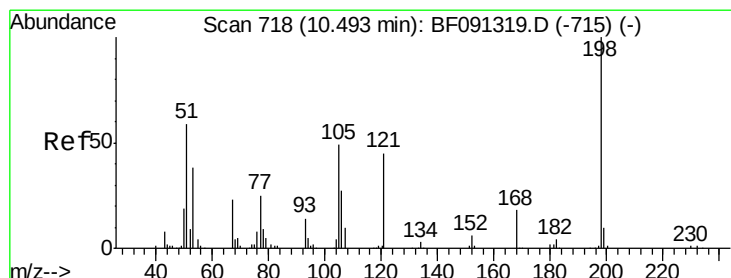
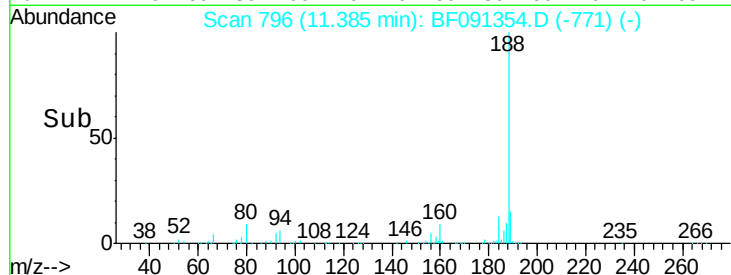
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 11.30 11.35 11.40



#64

4,6-Dinitro-2-methylphenol

Concen: 40.05 ng

RT: 10.50 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

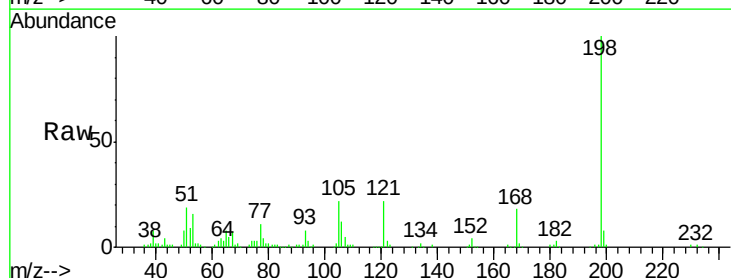
Tgt Ion:198 Resp: 153313

Ion Ratio Lower Upper

198 100

51 19.2 77.1 117.1#

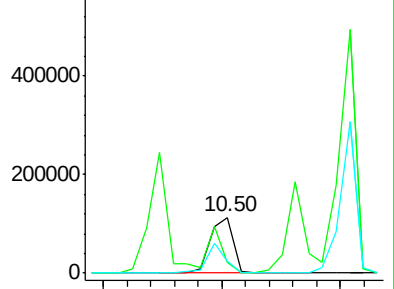
105 22.0 44.8 84.8#



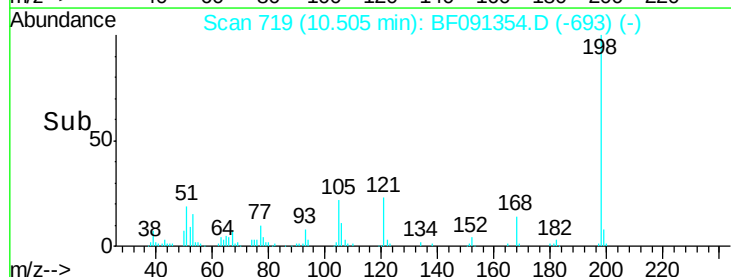
Abundance Ion 198.00 (197.70 to 198.70): E

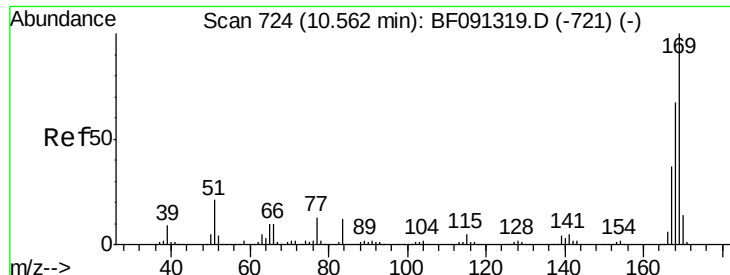
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time--> 10.40 10.50 10.60





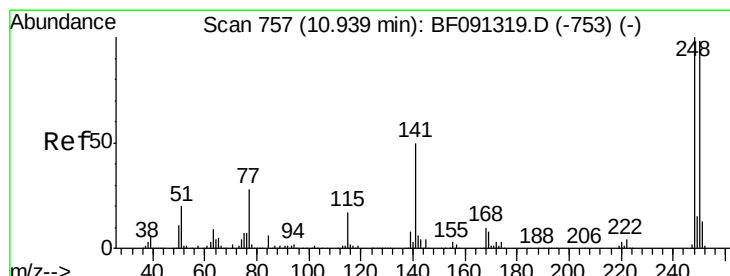
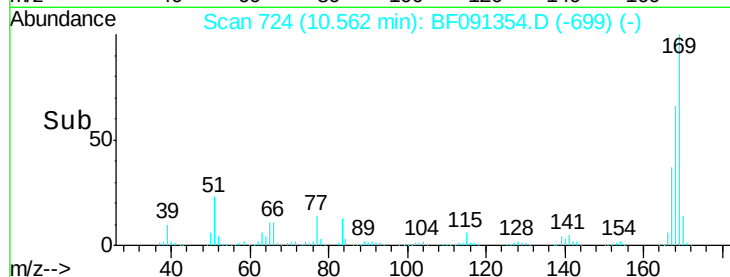
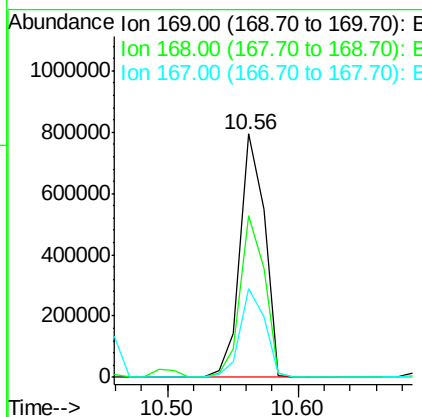
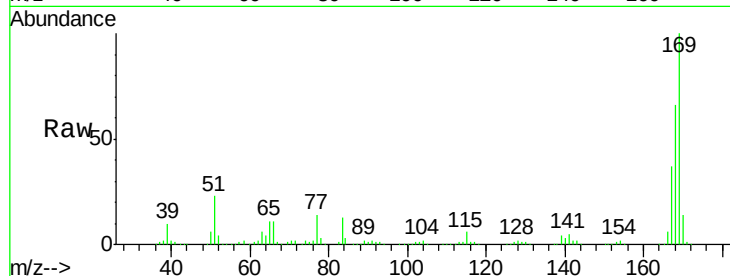
#65
n-Nitrosodiphenylamine
Concen: 49.30 ng
RT: 10.56 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ion	Ratio	Lower	Upper
169	100			
168	66.3	53.8	80.8	
167	36.5	29.8	44.8	

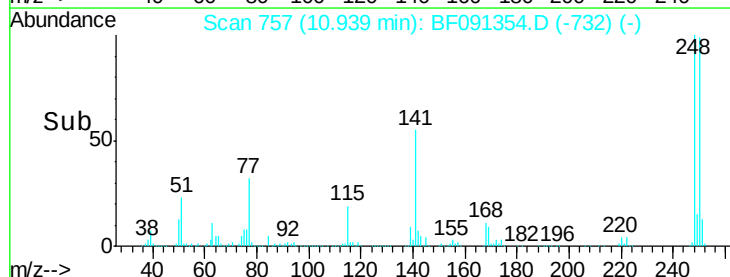
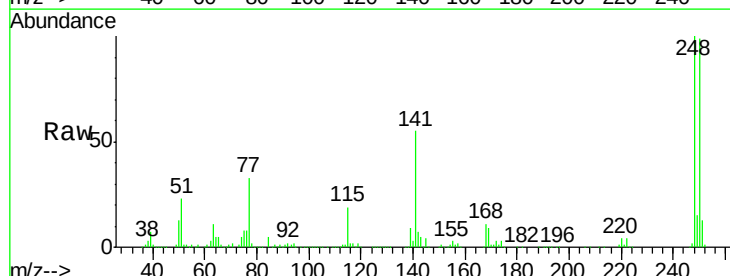
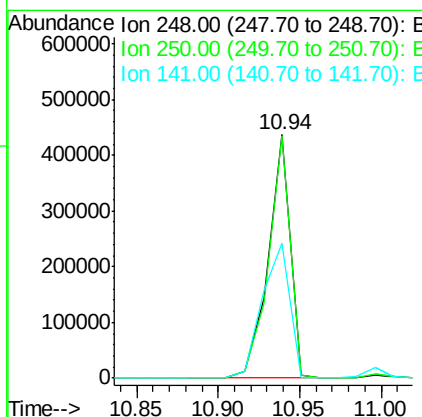
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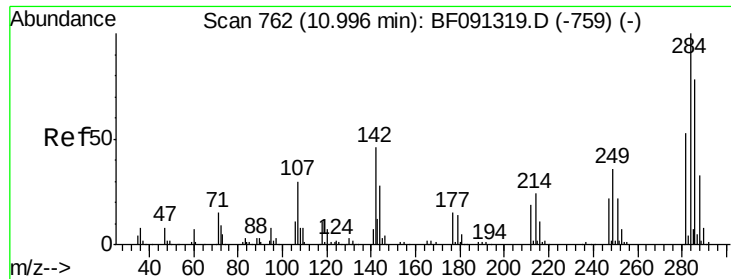
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#66
4-Bromophenyl-phenylether
Concen: 54.94 ng
RT: 10.94 min Scan# 757
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
248	100			
250	99.4	78.2	117.4	
141	55.4	71.9	107.9	





#67

Hexachlorobenzene

Concen: 47.86 ng

RT: 11.00 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

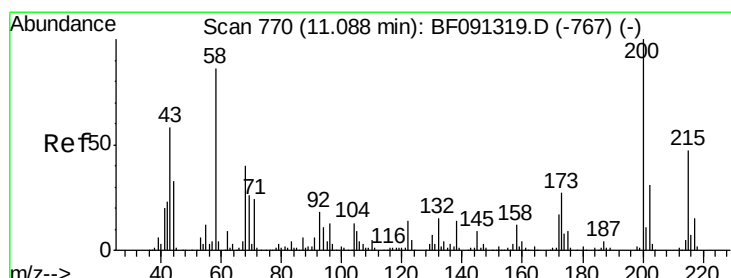
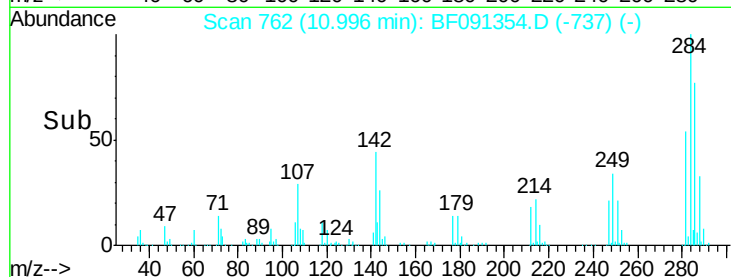
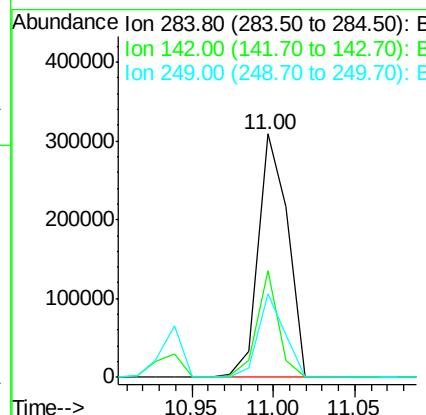
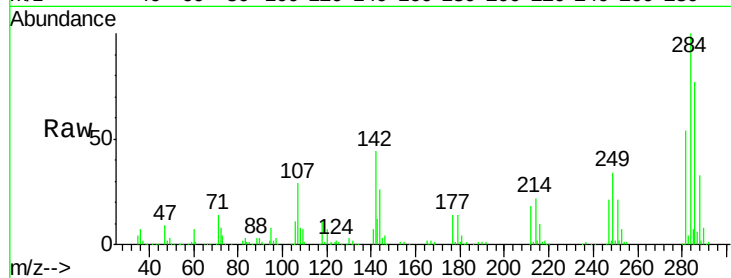
ClientSampleId :

GRID-MM4-6MSD

Tot Ion:	284	Resp:	386230
Ion Ratio	Lower	Upper	
284	100		
142	43.7	17.9	26.9#
249	34.2	23.6	35.4

Manual Integrations
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#68

Atrazine

Concen: 54.78 ng

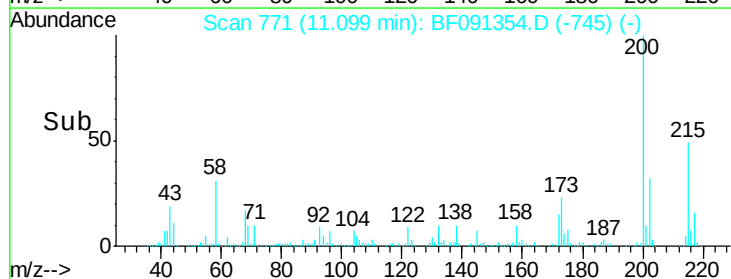
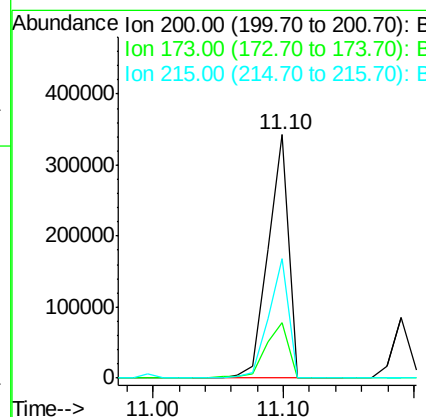
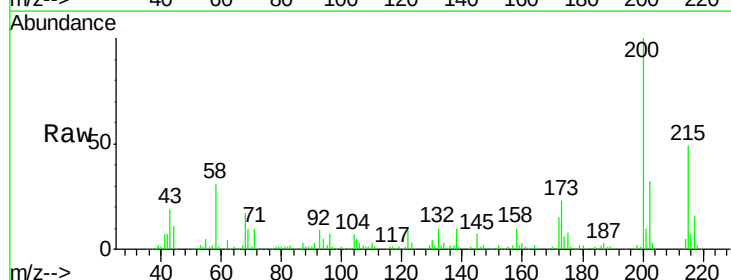
RT: 11.10 min Scan# 771

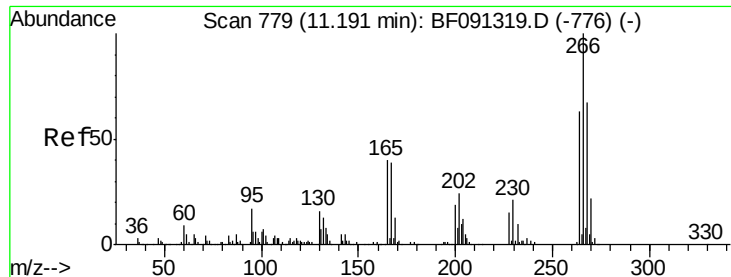
Delta R.T. -0.00 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	200	Resp:	373770
Ion Ratio	Lower	Upper	
200	100		
173	22.9	7.8	47.8
215	49.1	24.3	64.3





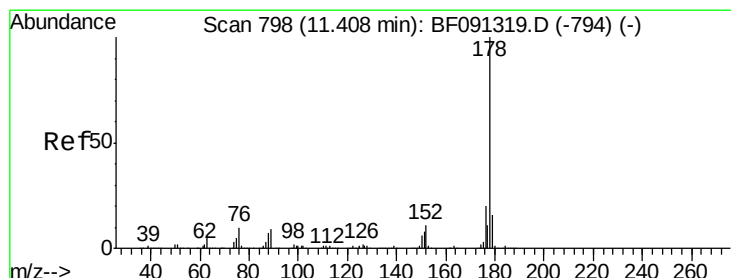
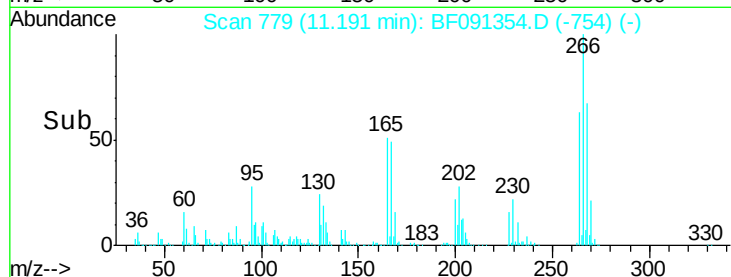
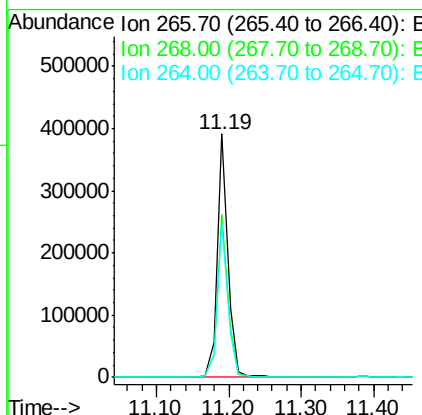
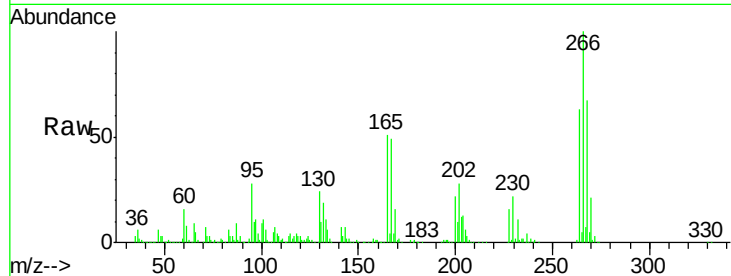
#69
 Pentachlorophenol
 Concen: 84.63 ng
 RT: 11.19 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleID :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.2	50.3	75.5
264	63.0	48.2	72.2

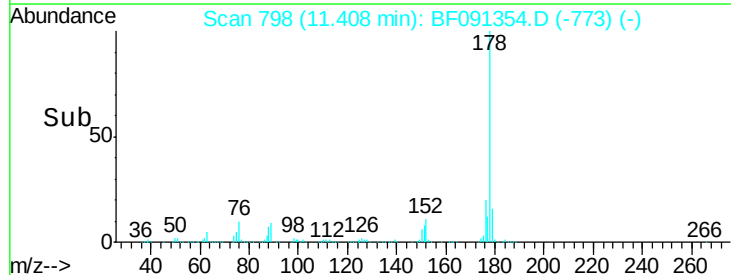
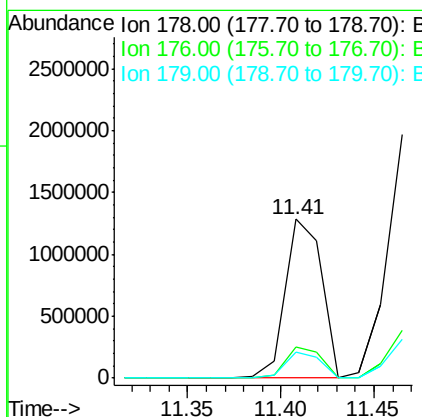
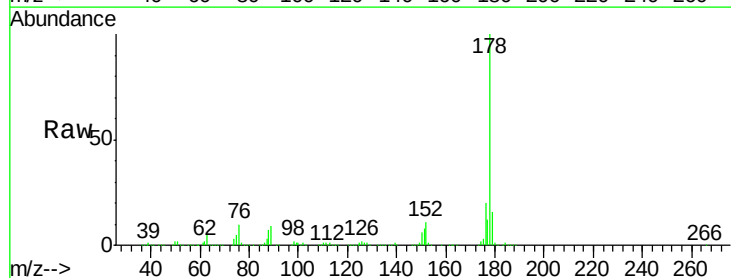
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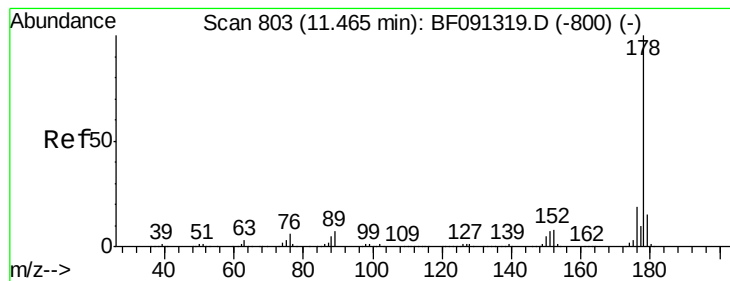
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#70
 Phenanthrene
 Concen: 48.37 ng
 RT: 11.41 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.5	12.6	18.8





#71

Anthracene

Concen: 51.32 ng

RT: 11.46 min Scan# 803

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:178 Resp: 1838716

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

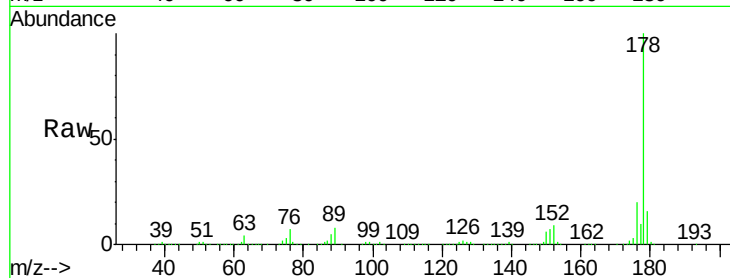
179 16.0 12.7 19.1

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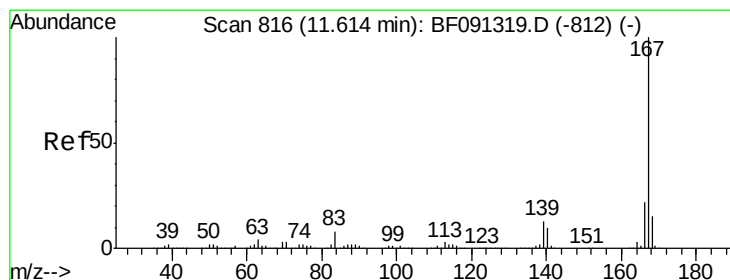
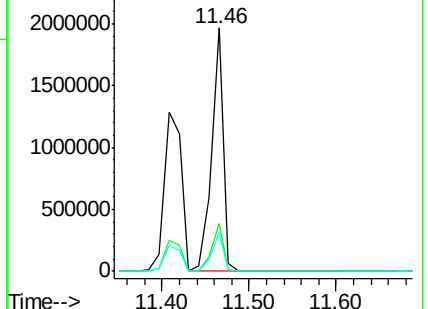
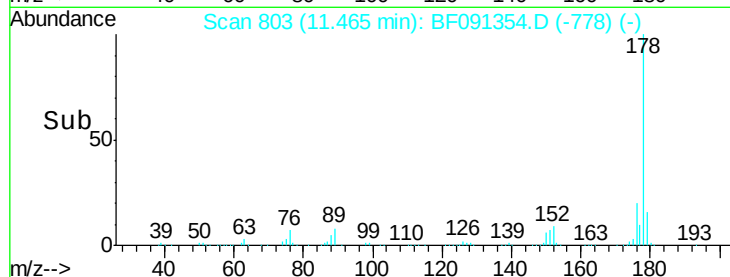
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.59 ng

RT: 11.61 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

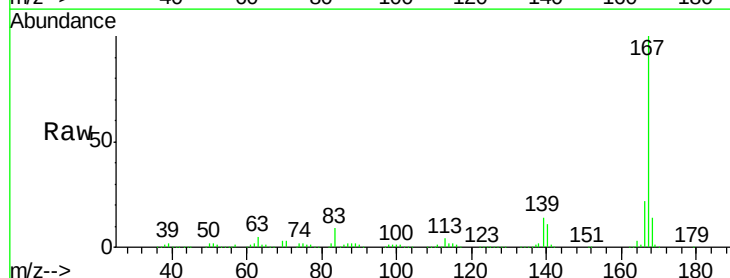
Tgt Ion:167 Resp: 1417178

Ion Ratio Lower Upper

167 100

166 22.5 18.1 27.1

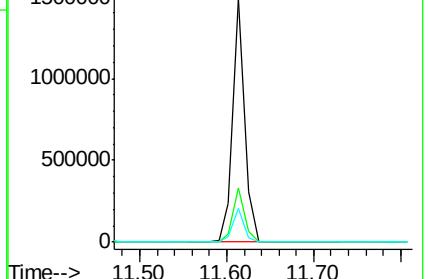
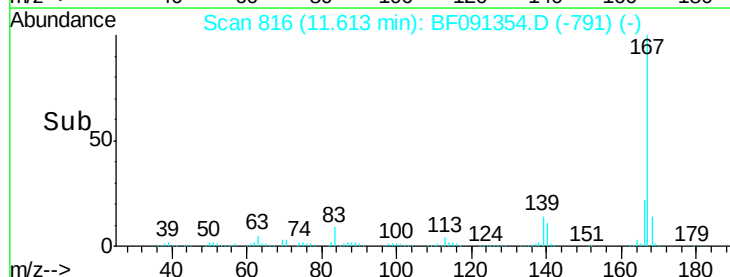
139 13.6 11.5 17.3

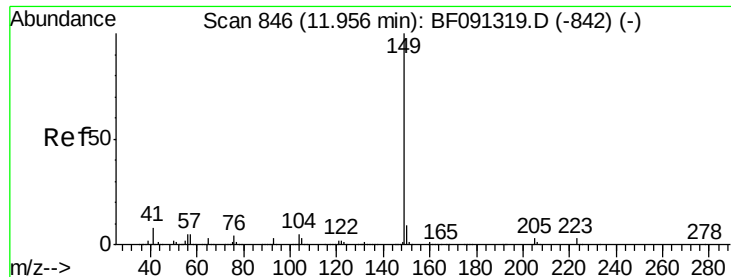


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 54.46 ng

RT: 11.96 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

ClientSampleId :

GRID-MM4-6MSD

Tot Ion:149 Resp: 2006777

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

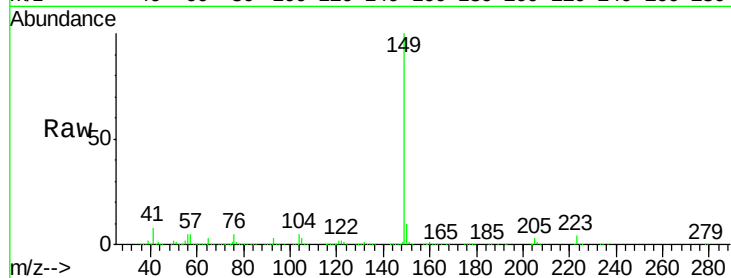
104 4.9 4.0 6.0

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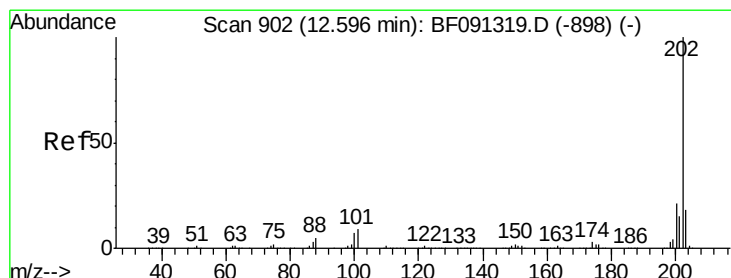
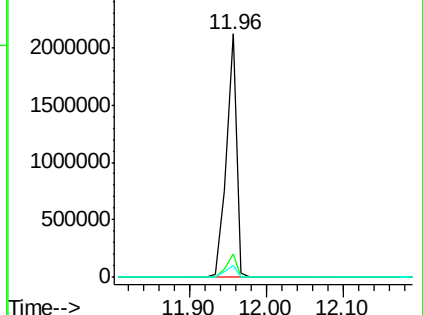
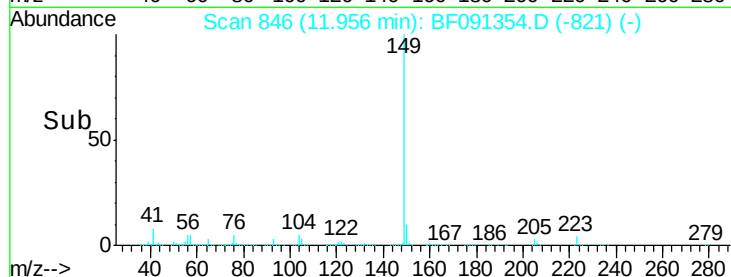
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 51.43 ng

RT: 12.60 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

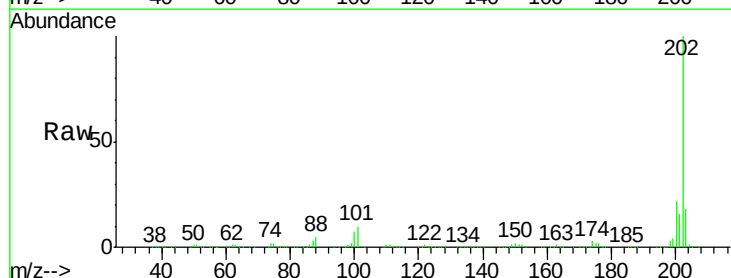
Tgt Ion:202 Resp: 1758740

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.5

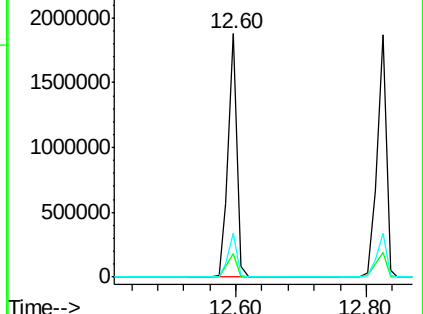
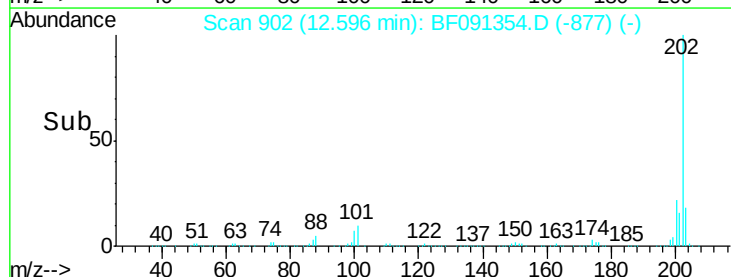
203 18.1 0.0 37.8

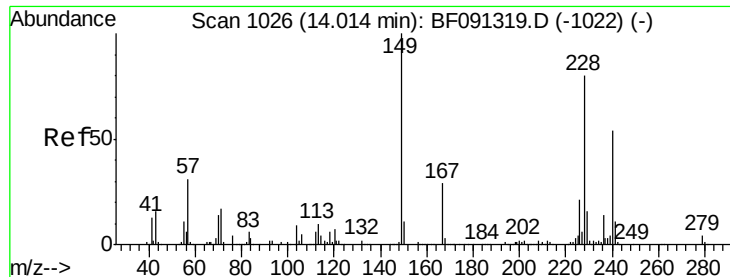


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

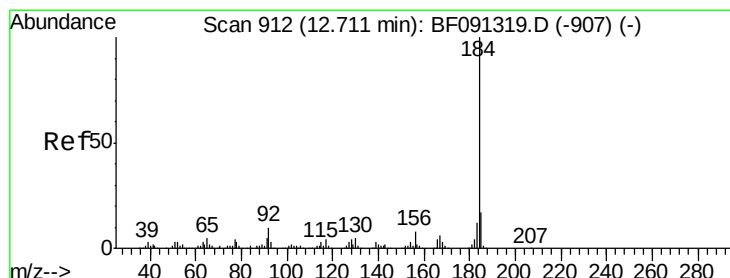
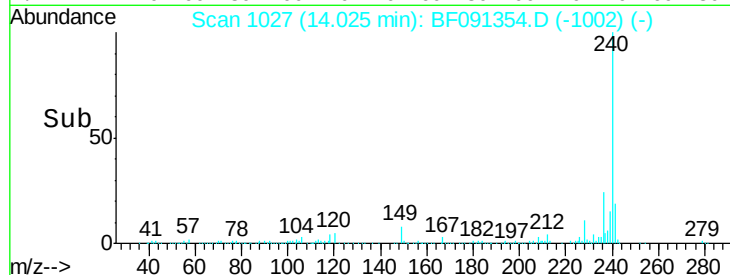
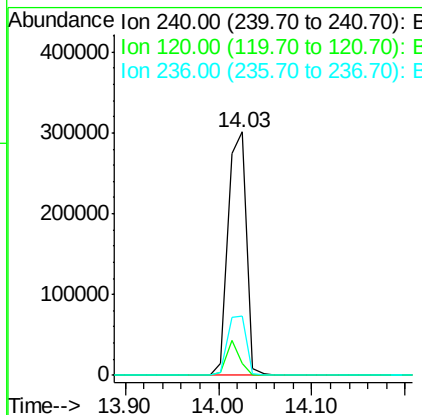
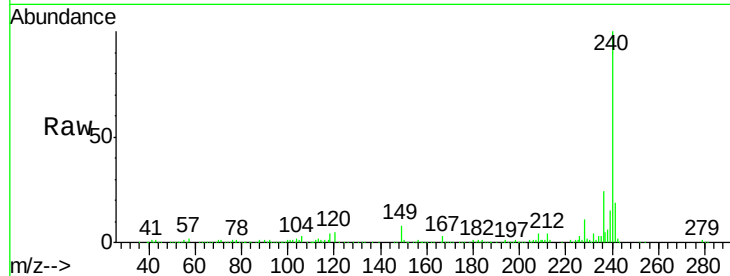
ClientSampleId :

GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.1	12.1	18.1#
236	24.1	21.0	31.6

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#76

Benzidine

Concen: 15.37 ng

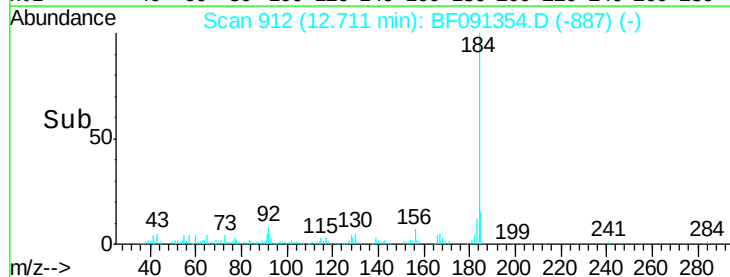
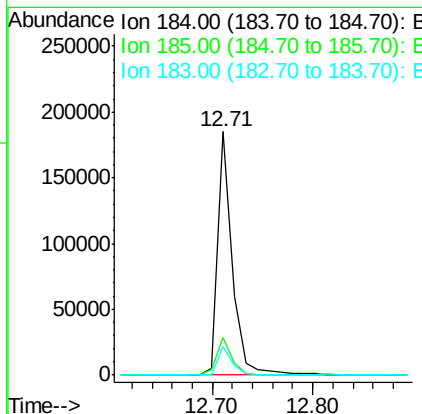
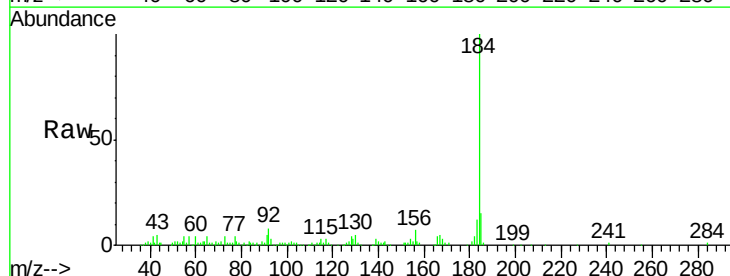
RT: 12.71 min Scan# 912

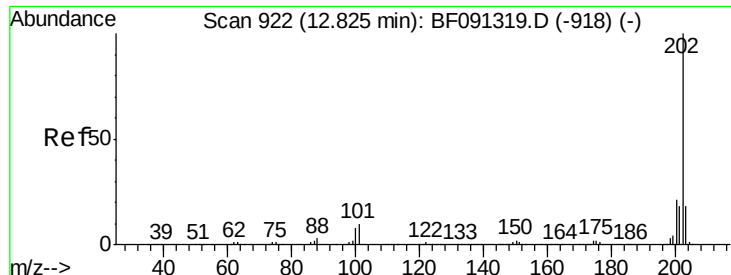
Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.1	19.7
183	11.7	8.9	13.3





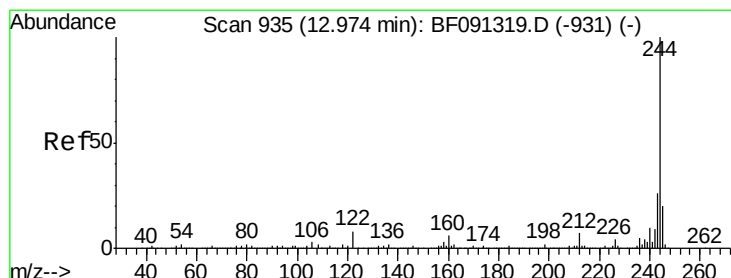
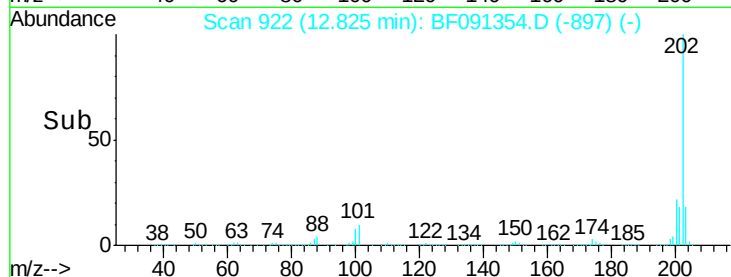
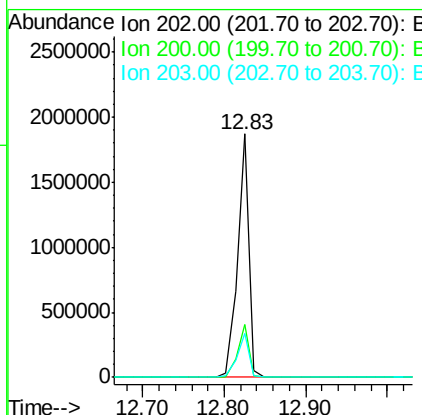
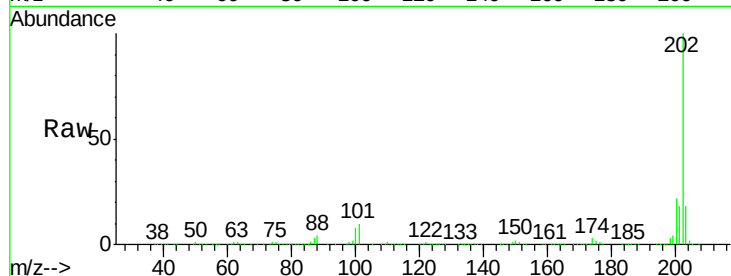
#77
Pvrene
Concen: 57.24 ng
RT: 12.83 min Scan# 922
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.9	14.0	21.0

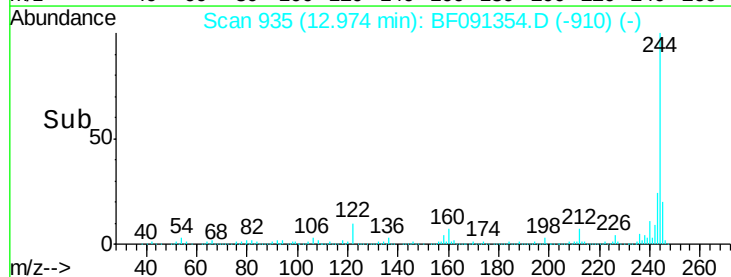
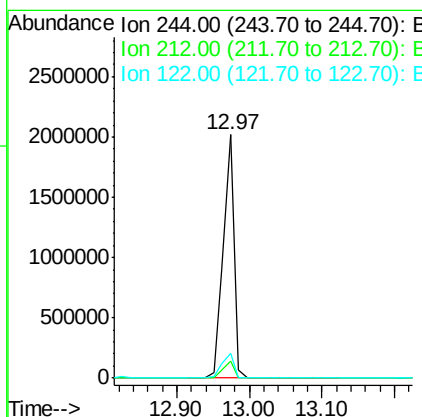
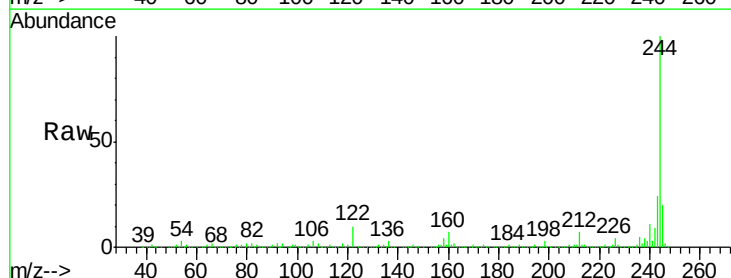
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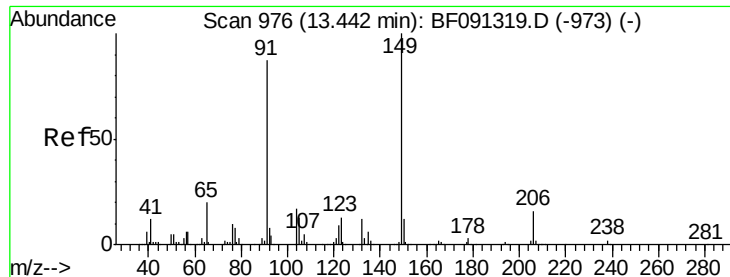
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#78
Terphenyl-d14
Concen: 109.57 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	9.9	9.5	14.3





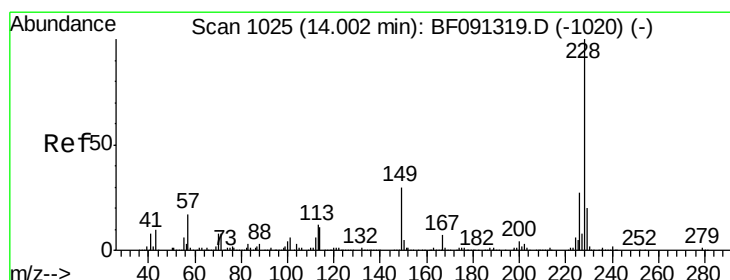
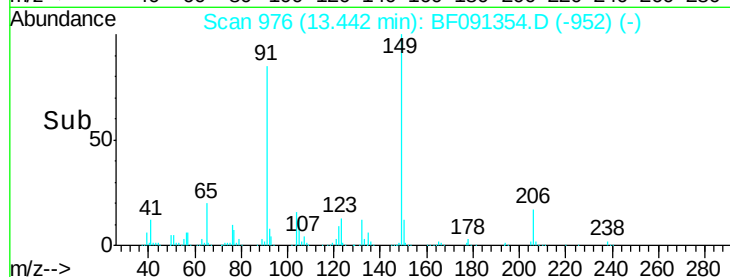
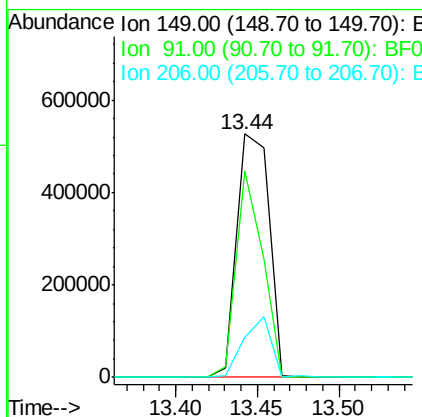
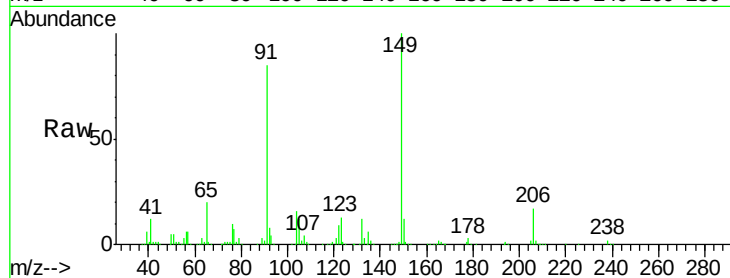
#79
Butylbenzylphthalate
Concen: 60.81 ng
RT: 13.44 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.8	57.4	86.2
206	16.6	15.4	23.2

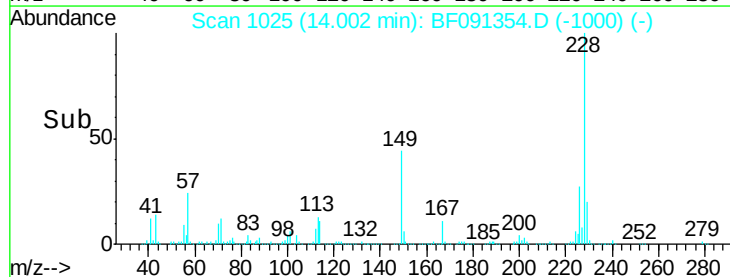
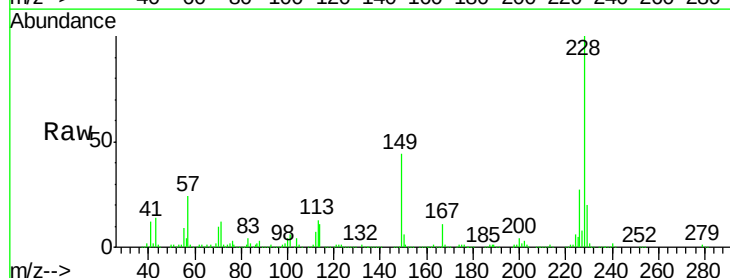
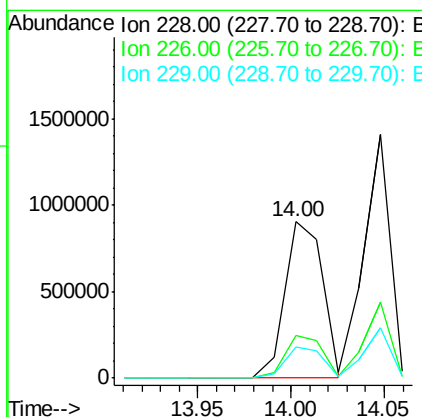
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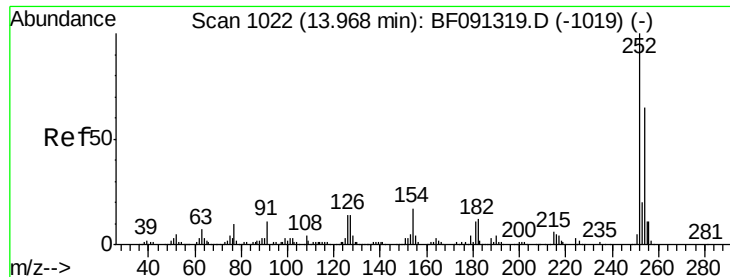
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#80
Benzo(a)anthracene
Concen: 52.52 ng
RT: 14.00 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.1	16.4	24.6





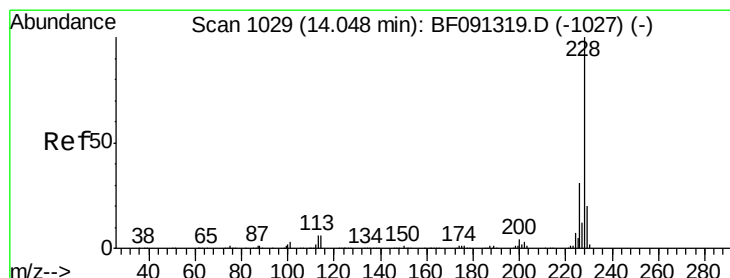
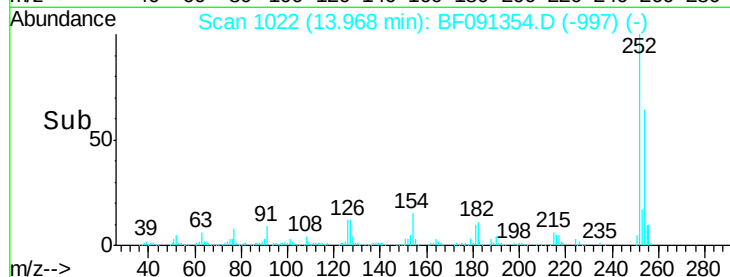
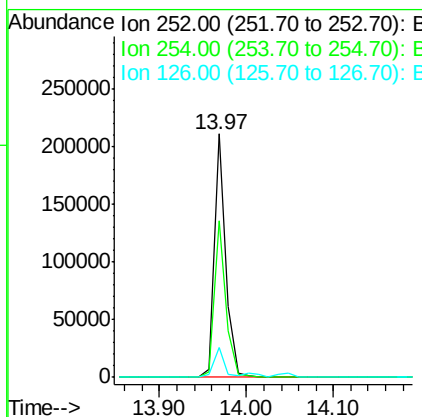
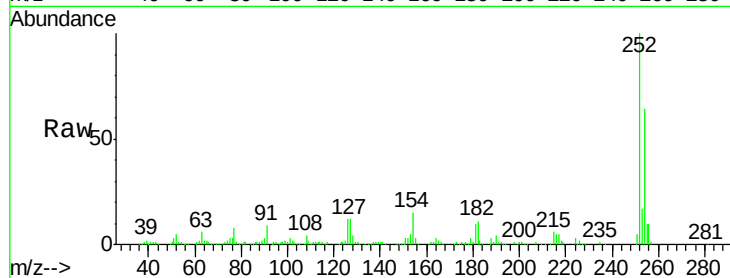
#81
 3,3'-Dichlorobenzidine
 Concen: 23.23 ng
 RT: 13.97 min Scan# 1022
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	198918		
254	64.4	52.1	78.1	
126	12.2	7.5	11.3	

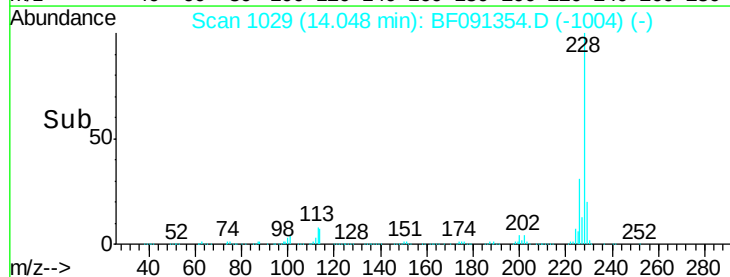
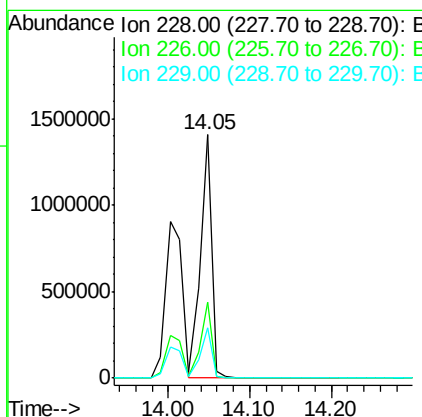
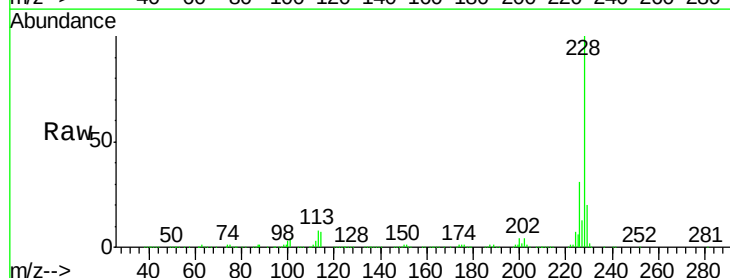
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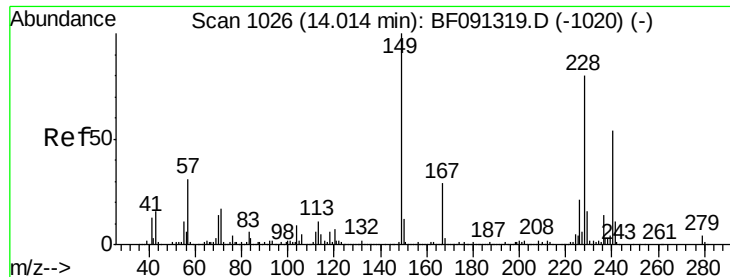
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#82
 Chrysene
 Concen: 56.86 ng
 RT: 14.05 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1367568		
226	31.3	25.0	37.4	
229	20.4	16.0	24.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.19 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

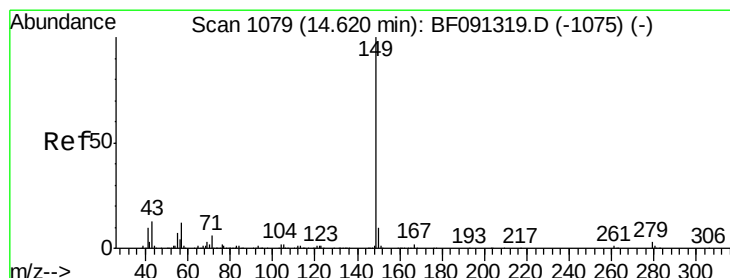
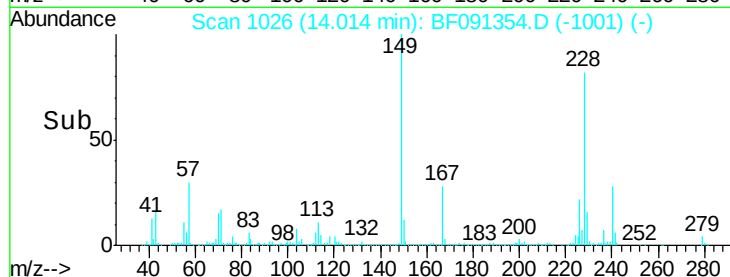
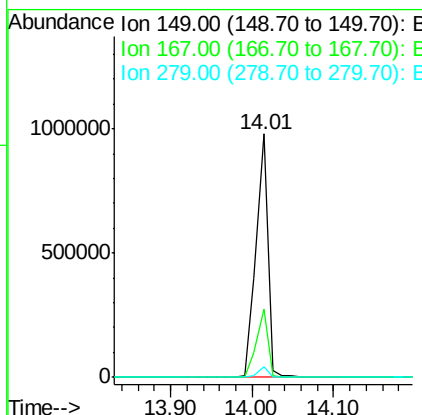
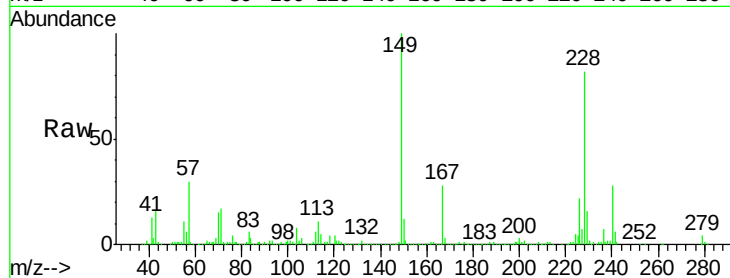
ClientSampled :

GRID-MM4-6MSD

Tot Ion:	149	Resp:	976104
Ion Ratio		Lower	Upper
149	100		
167	28.2	19.6	29.4
279	4.2	1.9	2.9#

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#84

Di-n-octyl phthalate

Concen: 65.64 ng

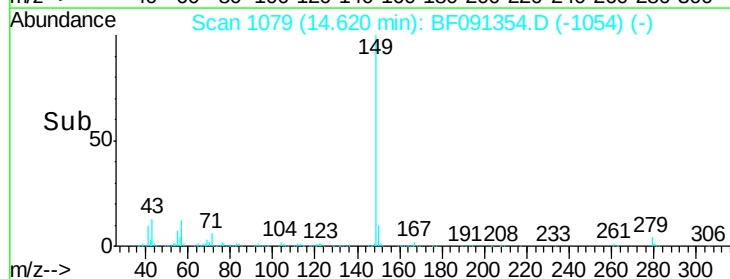
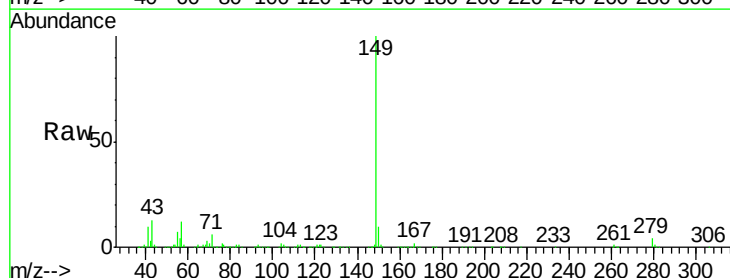
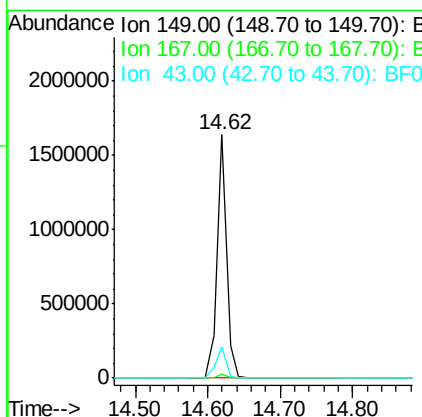
RT: 14.62 min Scan# 1079

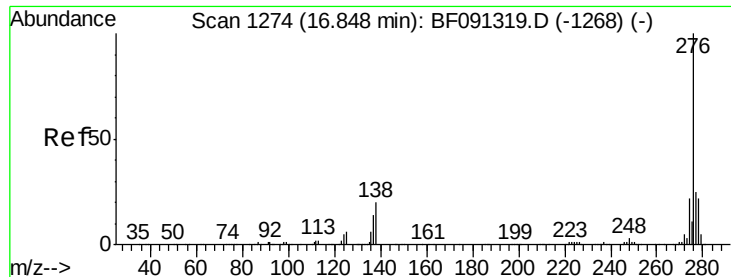
Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:	149	Resp:	1487152
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.8	11.9	17.9





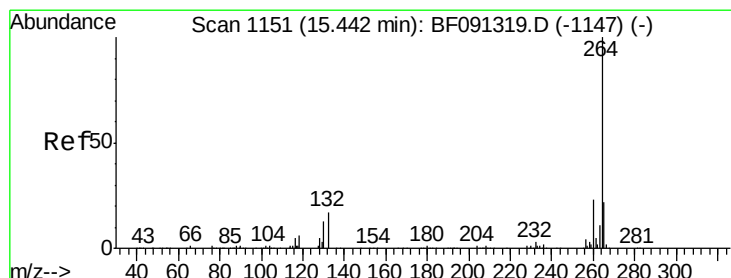
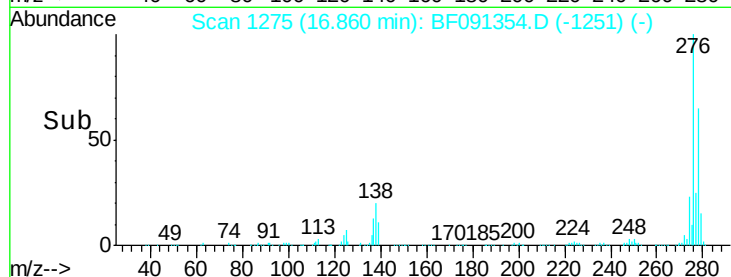
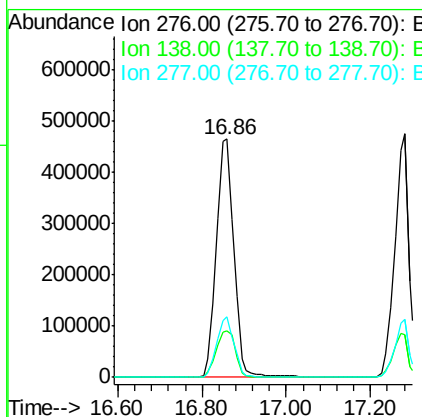
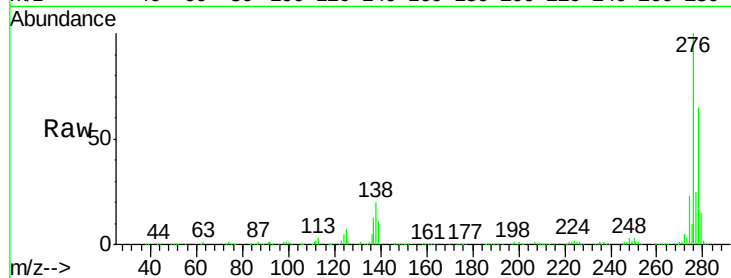
#85
Indeno(1,2,3-cd)pyrene
Concen: 61.72 ng
RT: 16.86 min Scan# 1275
Delta R.T. -0.03 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	21.0	31.4
277	25.1	20.2	30.2

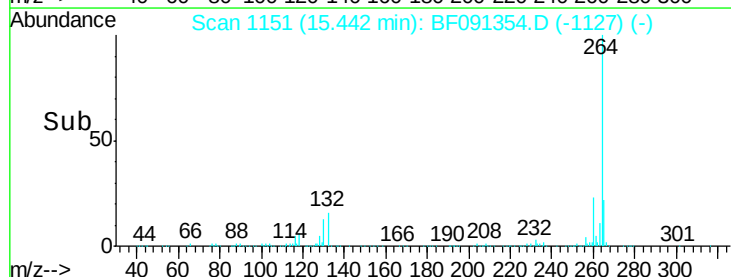
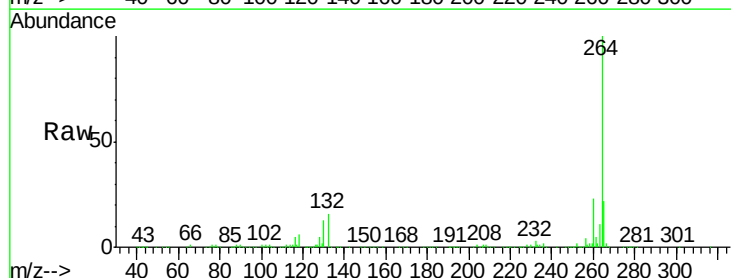
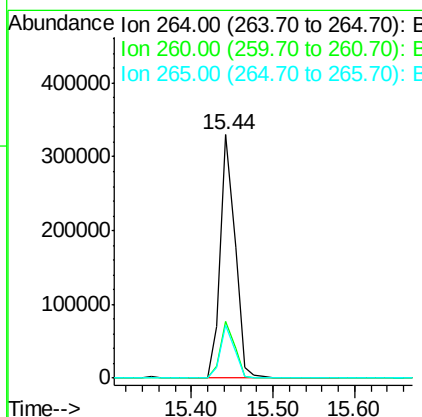
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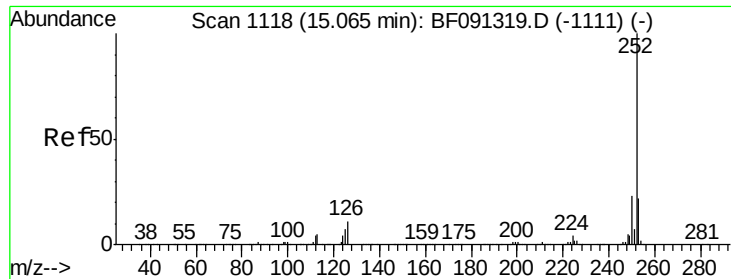
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.6	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 54.11 ng m

RT: 15.04 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Instrument :

BNA_F

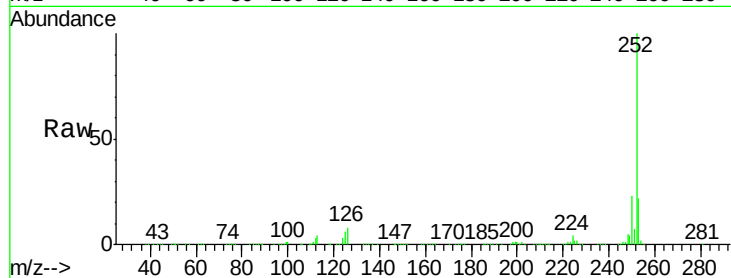
ClientSampleId :

GRID-MM4-6MSD

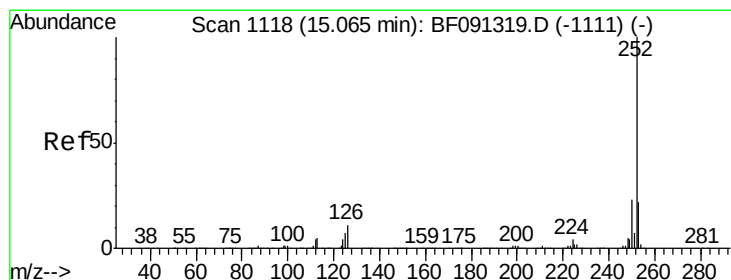
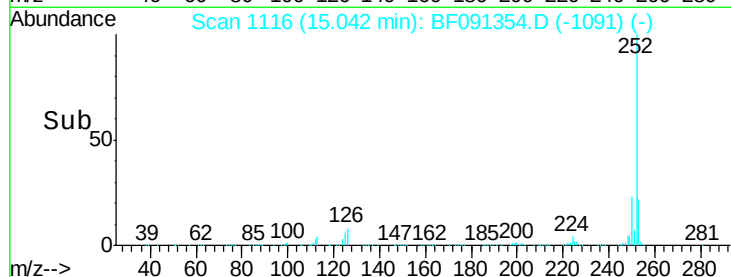
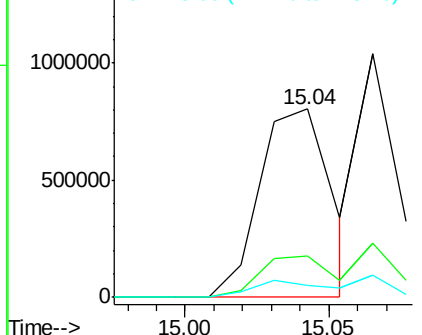
Tot Ion:252	Resp: 1394292
Ion Ratio	Lower Upper
252 100	
253 22.0	18.2 27.2
125 6.4	8.6 13.0#

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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: 44.59 ng m

RT: 15.07 min Scan# 1118

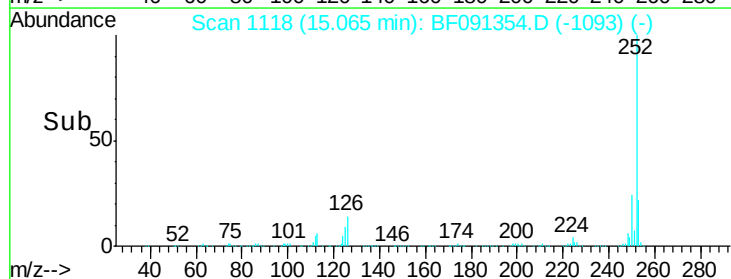
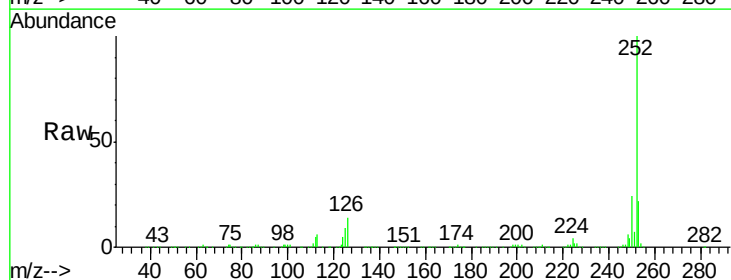
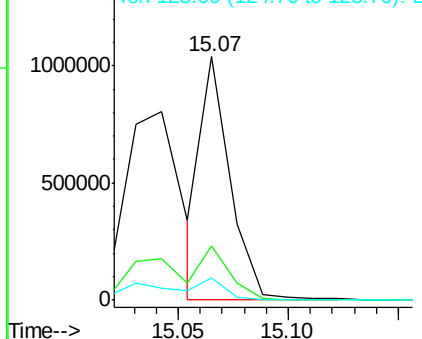
Delta R.T. -0.02 min

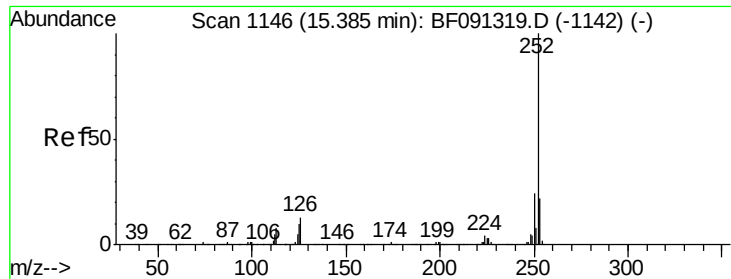
Lab File: BF091354.D

Acq: 30 Nov 2016 15:10

Tgt Ion:252	Resp: 966123
Ion Ratio	Lower Upper
252 100	
253 22.4	17.8 26.8
125 9.2	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





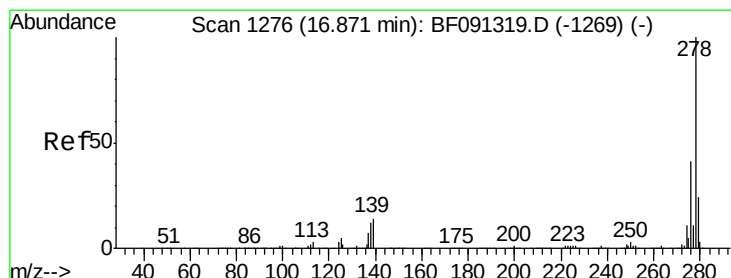
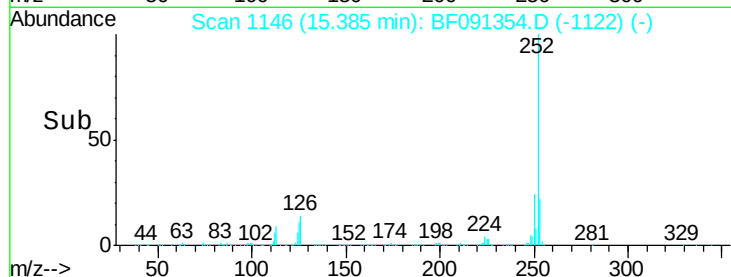
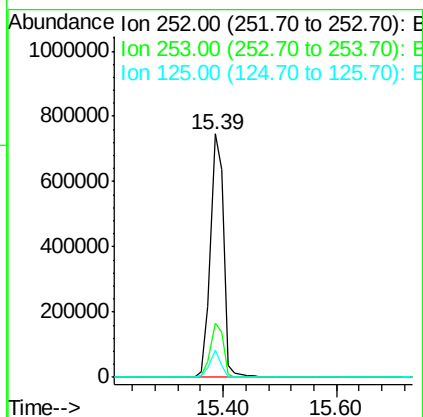
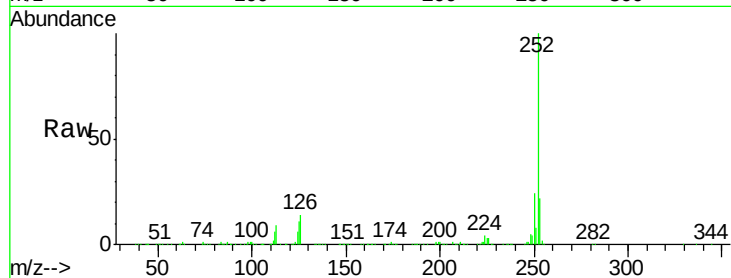
#89
Benzo(a)pyrene
Concen: 50.22 ng
RT: 15.39 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Instrument :
BNA_F
ClientSampleId :
GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.0	10.4	15.6

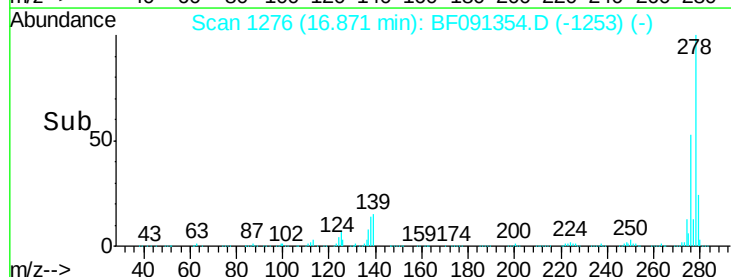
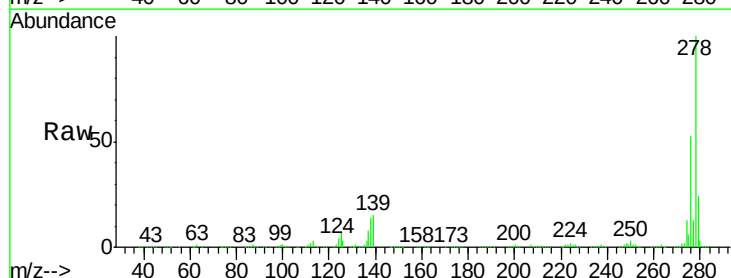
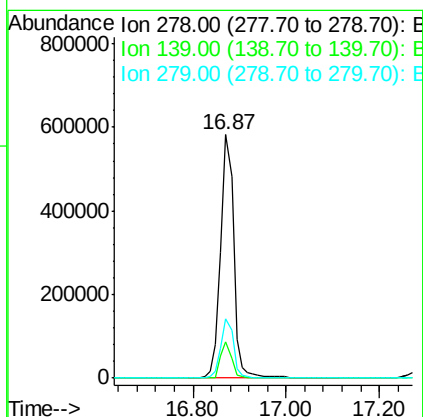
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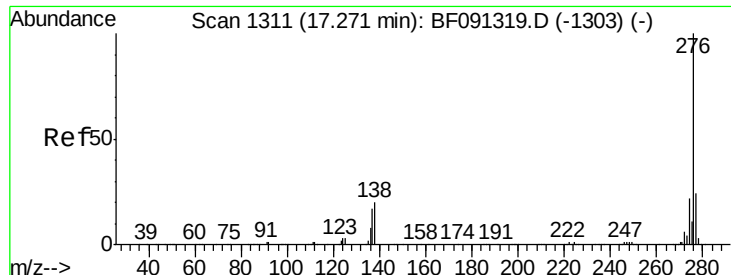
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#90
Dibenzo(a,h)anthracene
Concen: 52.71 ng
RT: 16.87 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF091354.D
Acq: 30 Nov 2016 15:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	15.1	22.7#
279	24.3	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 51.37 ng
 RT: 17.28 min Scan# 1312
 Delta R.T. -0.03 min
 Lab File: BF091354.D
 Acq: 30 Nov 2016 15:10

Instrument :
 BNA_F
 ClientSampleId :
 GRID-MM4-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	17.3	15.4	23.0

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