

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090466.D
 Acq On : 8 Oct 2016 4:36
 Operator : UM/SJ
 Sample : H5120-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Manual Integrations
 APPROVED

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 10/10/2016 6:53:25 PM

Quant Time: Oct 08 05:14:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	225359	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	971602	20.00	ng	-0.01
38) Acenaphthene-d10	10.04	164	507392	20.00	ng	-0.01
63) Phenanthrene-d10	11.53	188	827981	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	566812	20.00	ng	-0.02
86) Perylene-d12	15.68	264	390588	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	768922	50.92	ng	-0.01
7) Phenol-d6	6.61	99	662821	33.52	ng	-0.01
23) Nitrobenzene-d5	7.55	82	1639911	82.10	ng	-0.02
41) 2,4,6-Tribromophenol	10.84	330	719094	174.29	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	2519184	82.72	ng	-0.02
78) Terphenyl-d14	13.13	244	2537841	100.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	106637	14.33	ng	# 87
3) Pyridine	3.48	79	272648	13.14	ng	# 82
4) n-Nitrosodimethylamine	3.41	42	129076	15.07	ng	# 55
6) Aniline	6.65	93	609320	22.30	ng	99
8) 2-Chlorophenol	6.77	128	523635	31.51	ng	93
9) Benzaldehyde	6.53	77	316290	31.64	ng	99
10) Phenol	6.63	94	294053	12.79	ng	79
11) bis(2-Chloroethyl)ether	6.71	93	647750	36.79	ng	92
12) 1,3-Dichlorobenzene	6.93	146	649690	39.22	ng	99
13) 1,4-Dichlorobenzene	7.00	146	618209	36.75	ng	97
14) 1,2-Dichlorobenzene	7.16	146	641715	39.59	ng	98
15) Benzyl Alcohol	7.13	79	418820	27.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.26	45	997107	33.40	ng	90
17) 2-Methylphenol	7.25	107	384420	28.13	ng	97
18) Hexachloroethane	7.50	117	229846	34.65	ng	93
19) n-Nitroso-di-n-propylamine	7.40	70	543259	37.46	ng	# 83
20) 3+4-Methylphenols	7.40	107	451564	25.53	ng	# 54
22) Acetophenone	7.40	105	1022923	44.45	ng	# 90
24) Nitrobenzene	7.57	77	808175	40.76	ng	98
25) Isophorone	7.81	82	1496747	40.99	ng	99
26) 2-Nitrophenol	7.89	139	378618	44.36	ng	92
27) 2,4-Dimethylphenol	7.93	122	548203	33.03	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	905737	41.94	ng	# 96
29) 2,4-Dichlorophenol	8.13	162	473871	37.55	ng	86
30) 1,2,4-Trichlorobenzene	8.22	180	553611	42.57	ng	94
31) Naphthalene	8.30	128	2022003	43.14	ng	99
32) Benzoic acid	8.01	122	96815	8.39	ng	97
33) 4-Chloroaniline	8.35	127	540500	27.90	ng	# 89
34) Hexachlorobutadiene	8.42	225	277143	38.14	ng	100
35) Caprolactam	8.71	113	26436	6.23	ng	92
36) 4-Chloro-3-methylphenol	8.83	107	608382	38.50	ng	95
37) 2-Methylnaphthalene	8.99	142	1263034	44.51	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	603120	45.09	ng	98
40) Hexachlorocyclopentadiene	9.15	237	461827	62.98	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	418127m	45.30	ng	
43) 2,4,5-Trichlorophenol	9.31	196	413433m	47.37	ng	
45) 1,1'-Biphenyl	9.46	154	1499529	39.88	ng	96
46) 2-Chloronaphthalene	9.48	162	1266425	45.59	ng	98
47) 2-Nitroaniline	9.58	65	506581	46.22	ng	# 72
48) Acenaphthylene	9.90	152	1936261	42.24	ng	100
49) Dimethylphthalate	9.77	163	1724188	53.06	ng	99
50) 2,6-Dinitrotoluene	9.82	165	379418	52.59	ng	# 81
51) Acenaphthene	10.07	154	1299143	45.46	ng	97
52) 3-Nitroaniline	9.99	138	244476	29.01	ng	# 76
53) 2,4-Dinitrophenol	10.10	184	269144	83.67	ng	# 87
54) Dibenzofuran	10.25	168	1702507	46.02	ng	93
55) 4-Nitrophenol	10.15	139	208742	28.31	ng	# 76
56) 2,4-Dinitrotoluene	10.22	165	442837	46.12	ng	# 40
57) Fluorene	10.59	166	1330128	42.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	319623	49.03	ng	# 87
59) Diethylphthalate	10.46	149	1594419	47.42	ng	95
60) 4-Chlorophenyl-phenylether	10.58	204	654988	46.34	ng	90
61) 4-Nitroaniline	10.61	138	392686	46.25	ng	89
62) Azobenzene	10.74	77	1819763	46.86	ng	89
64) 4,6-Dinitro-2-methylphenol	10.63	198	195947	36.52	ng	# 64
65) n-Nitrosodiphenylamine	10.70	169	1326554	47.81	ng	98
66) 4-Bromophenyl-phenylether	11.08	248	413554	50.95	ng	# 78
67) Hexachlorobenzene	11.14	284	430709	47.65	ng	# 76
68) Atrazine	11.23	200	347030	50.72	ng	99
69) Pentachlorophenol	11.33	266	499368	92.82	ng	99
70) Phenanthrene	11.56	178	2222816	52.43	ng	99
71) Anthracene	11.61	178	1933170	44.65	ng	99
72) Carbazole	11.77	167	2023251	50.30	ng	97
73) Di-n-butylphthalate	12.10	149	2342623	47.85	ng	# 95
74) Fluoranthene	12.75	202	2038594	49.02	ng	97
76) Benzidine	12.86	184	588468	39.49	ng	100
77) Pyrene	12.98	202	1921906	50.85	ng	100
79) Butylbenzylphthalate	13.60	149	982824	50.68	ng	87
80) Benzo(a)anthracene	14.17	228	1540953	48.45	ng	99
81) 3,3'-Dichlorobenzidine	14.13	252	365497	31.70	ng	# 99
82) Chrysene	14.21	228	1404170	47.98	ng	98
83) Bis(2-ethylhexyl)phthalate	14.16	149	1272135	46.15	ng	# 98
84) Di-n-octyl phthalate	14.77	149	1813204	44.37	ng	# 90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1100339	52.73	ng	95
87) Benzo(h)fluoranthene	15.24	252	1263281	50.78	ng	98
88) Benzo(k)fluoranthene	15.26	252	1023763m	43.81	ng	
89) Benzo(a)pyrene	15.62	252	1085370	50.61	ng	98
90) Dibenzo(a,h)anthracene	17.21	278	947213	51.92	ng	# 95
91) Benzo(g,h,i)perylene	17.64	276	880806	50.31	ng	# 95

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

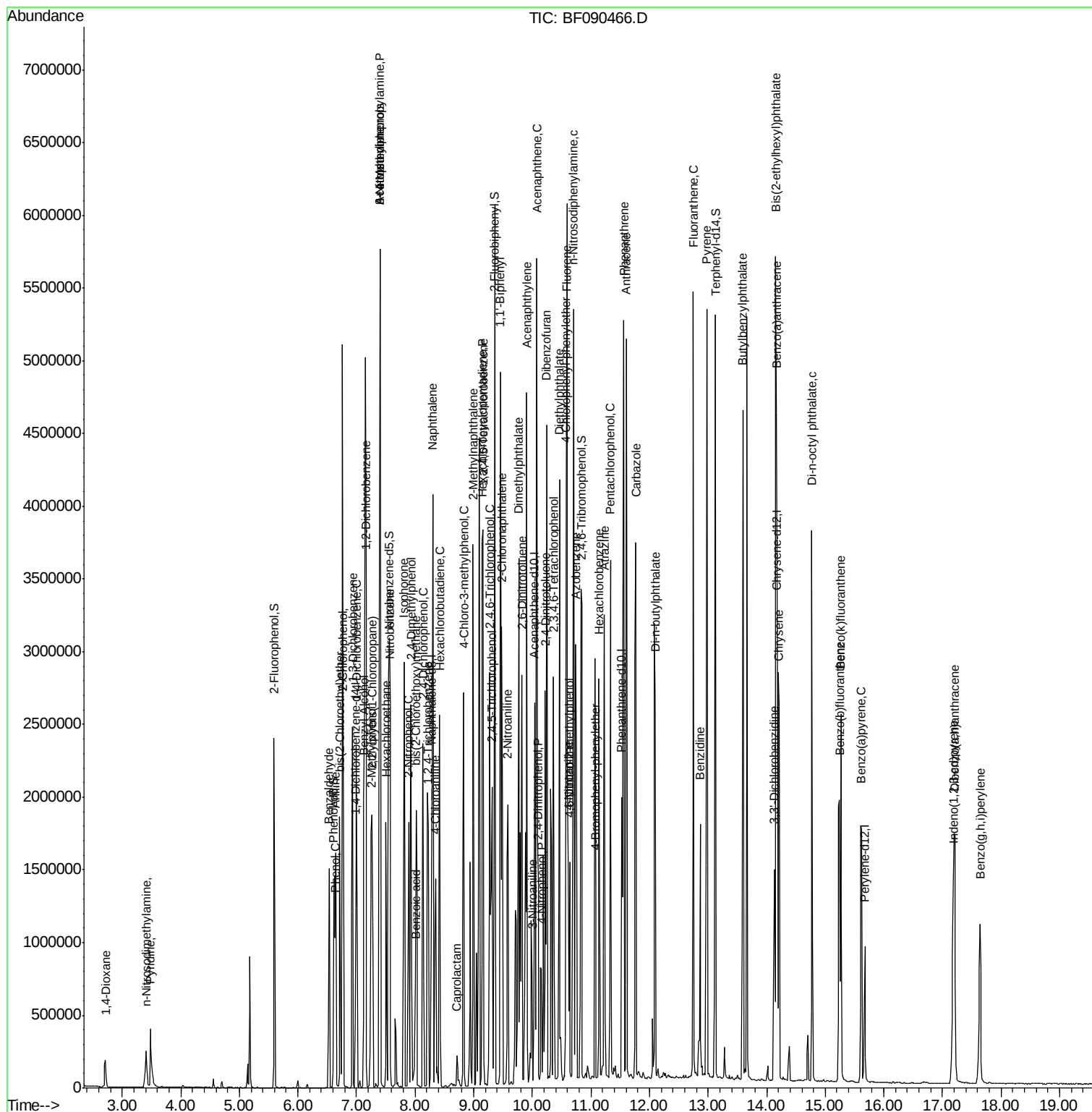
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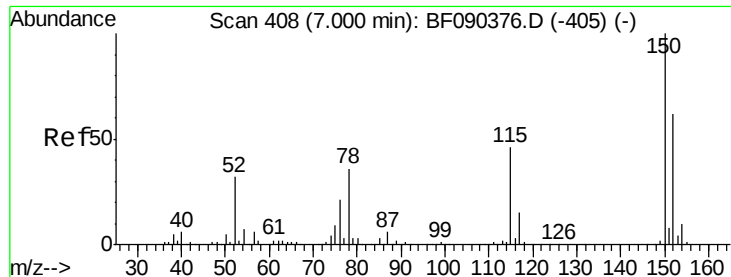
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.99 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

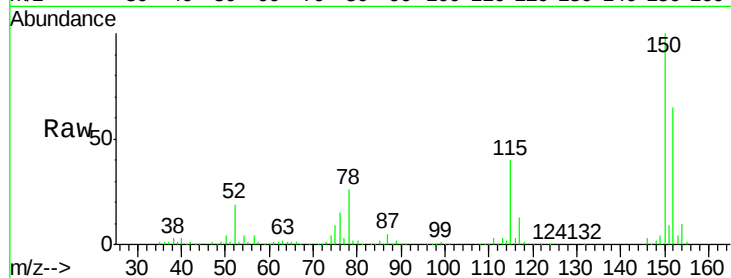
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RAV-GT-104MS

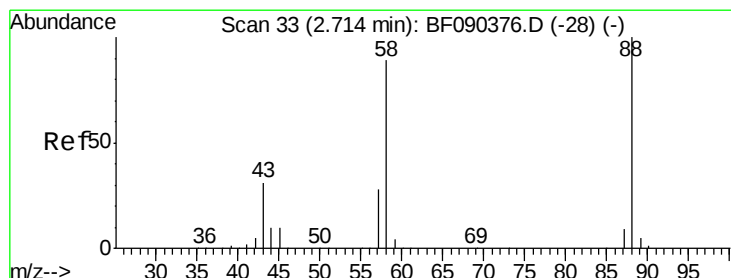
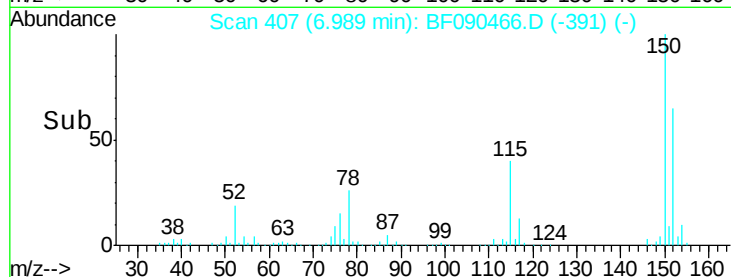
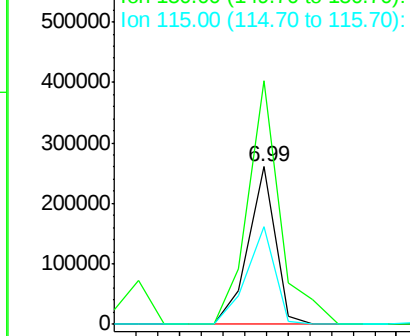
Tgt Ion:	152	Resp:	225359
Ion Ratio	Lower	Upper	
152	100		
150	154.5	124.6	186.8
115	62.0	46.2	69.4

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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: 14.33 ng

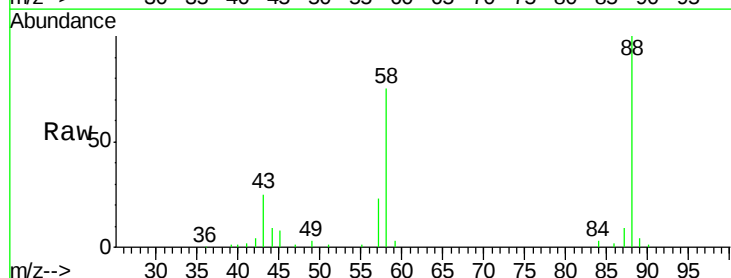
RT: 2.71 min Scan# 33

Delta R.T. 0.00 min

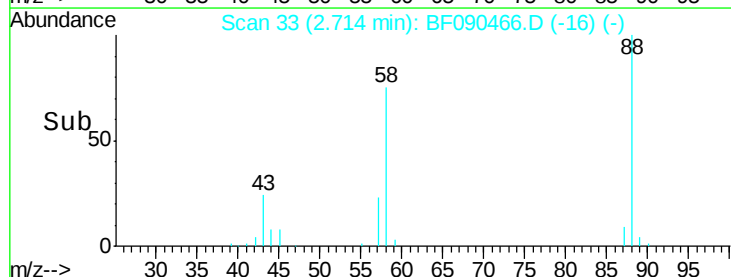
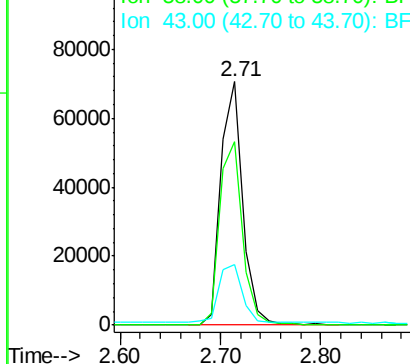
Lab File: BF090466.D

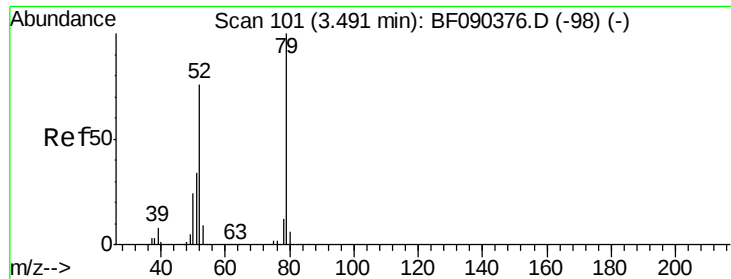
Acq: 8 Oct 2016 4:36

Tgt Ion:	88	Resp:	106637
Ion Ratio	Lower	Upper	
88	100		
58	78.9	71.2	106.8
43	26.2	29.8	44.6#



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

Pyridine

Concen: 13.14 ng

RT: 3.48 min Scan# 100

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

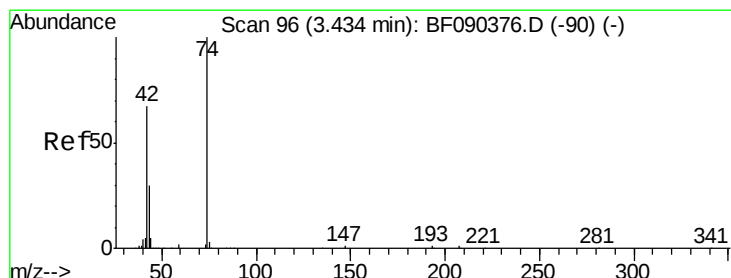
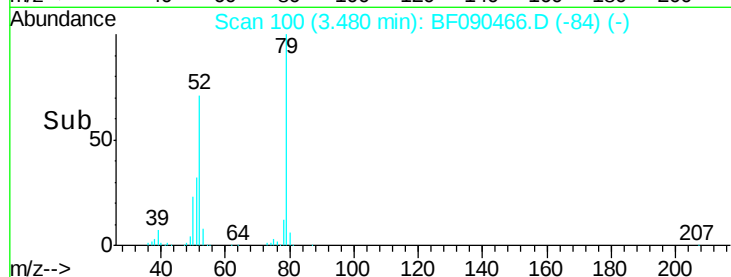
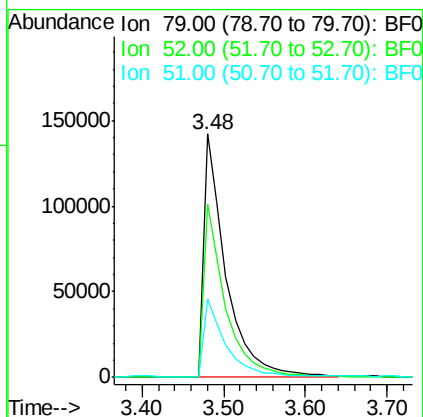
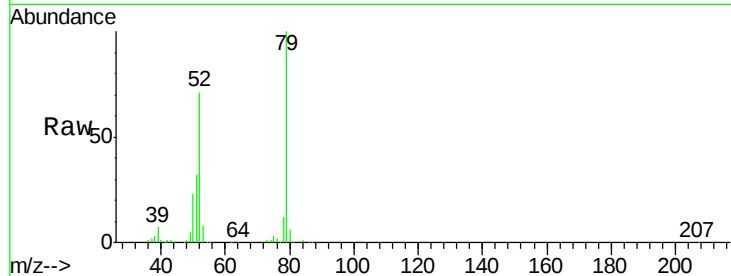
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	79	Resp:	272648
Ion Ratio	Lower	Upper	
79	100		
52	71.1	71.3	106.9#
51	32.2	34.5	51.7#

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#4

n-Nitrosodimethylamine

Concen: 15.07 ng

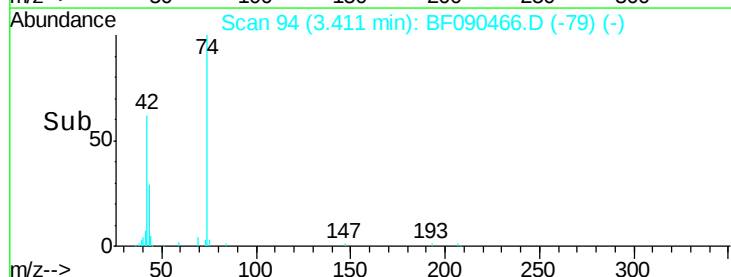
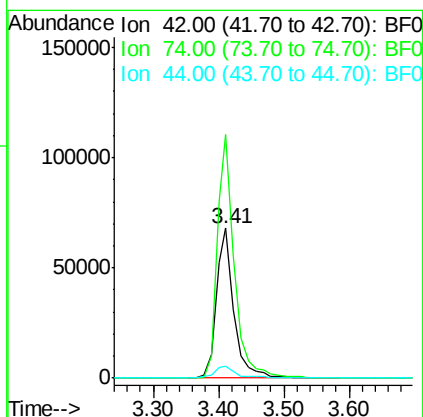
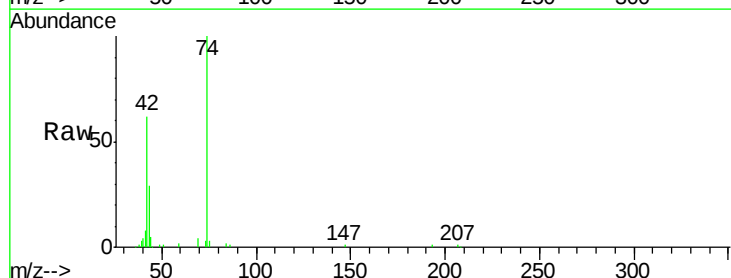
RT: 3.41 min Scan# 94

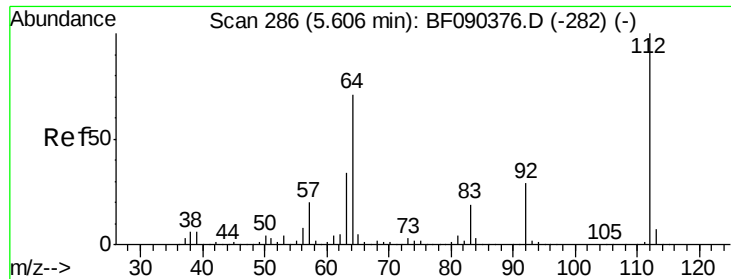
Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	42	Resp:	129076
Ion Ratio	Lower	Upper	
42	100		
74	162.5	88.9	133.3#
44	8.2	6.5	9.7





#5

2-Fluorophenol

Concen: 50.92 ng

RT: 5.59 min Scan# 285

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

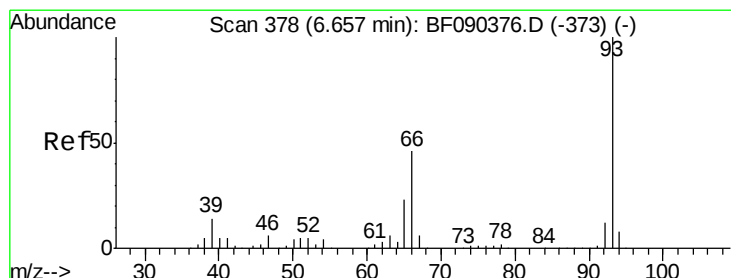
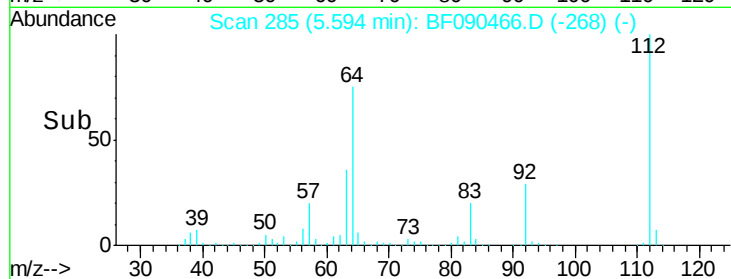
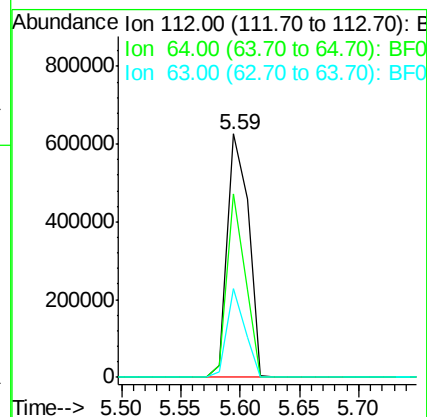
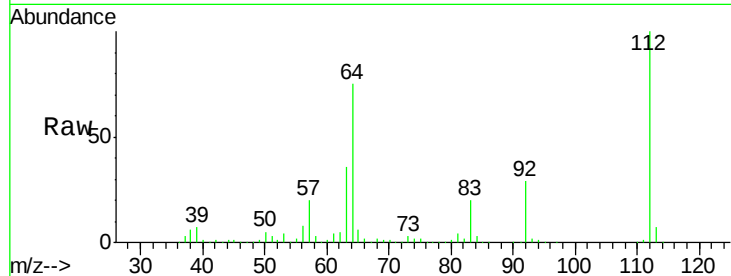
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	112	Resp:	768922
Ion Ratio	Lower	Upper	
112	100		
64	75.5	57.9	86.9
63	36.2	29.6	44.4

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#6

Aniline

Concen: 22.30 ng

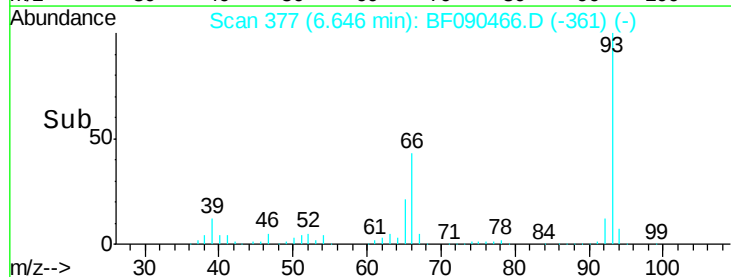
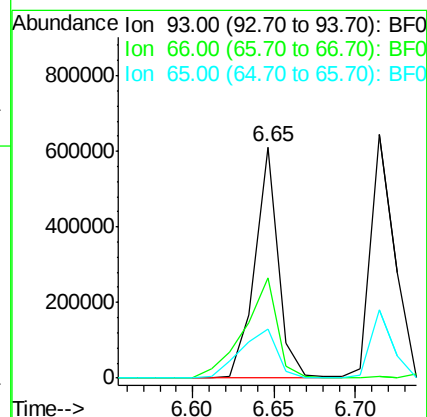
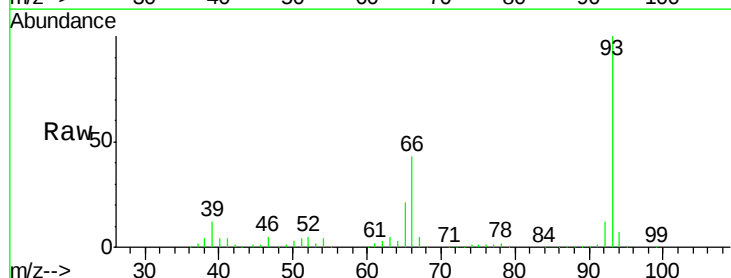
RT: 6.65 min Scan# 377

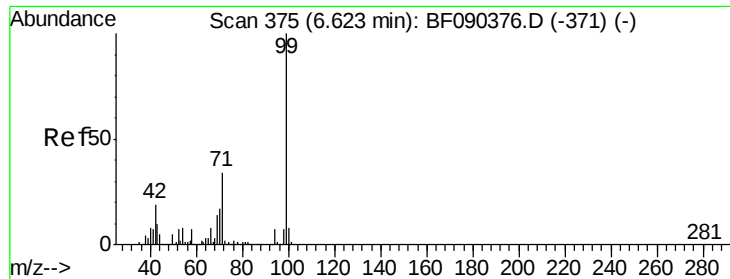
Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	93	Resp:	609320
Ion Ratio	Lower	Upper	
93	100		
66	43.5	34.5	51.7
65	21.3	18.2	27.2





#7

Phenol-d6

Concen: 33.52 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

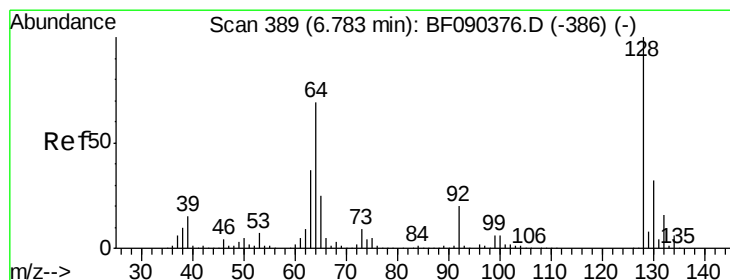
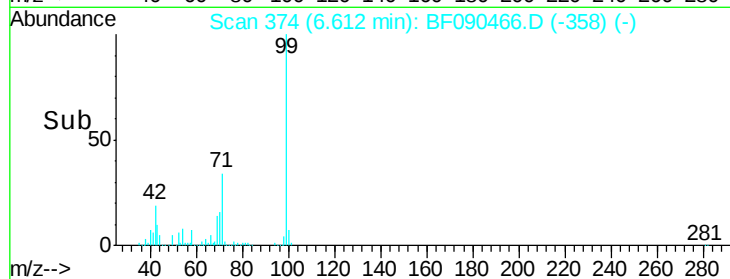
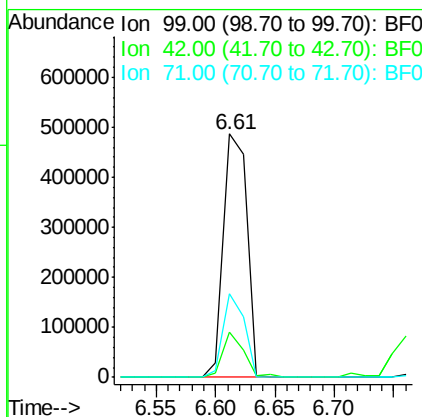
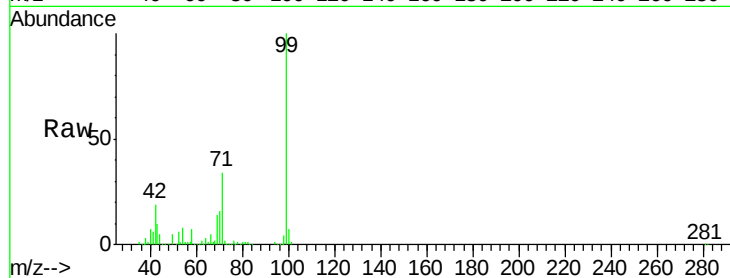
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	99	Resp:	662821
Ion Ratio	Lower	Upper	
99	100		
42	18.8	20.0	30.0#
71	34.3	27.9	41.9

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#8

2-Chlorophenol

Concen: 31.51 ng

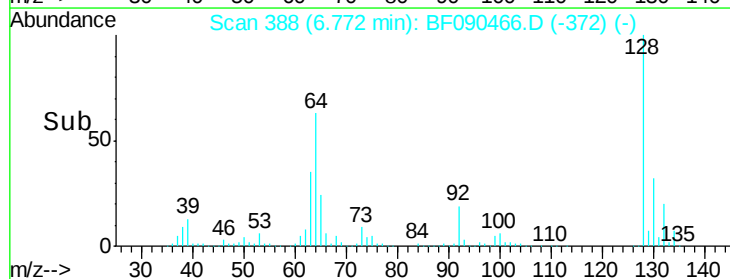
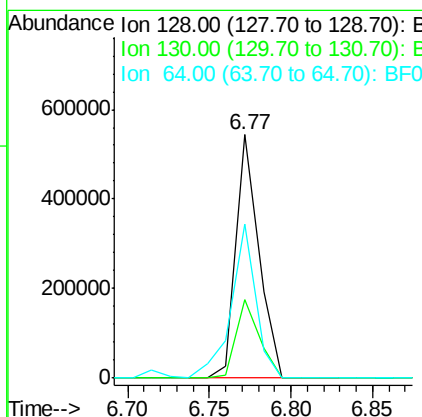
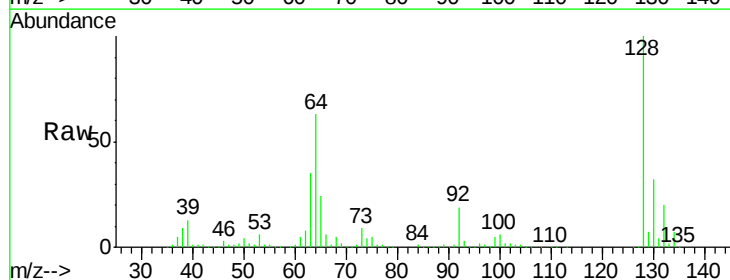
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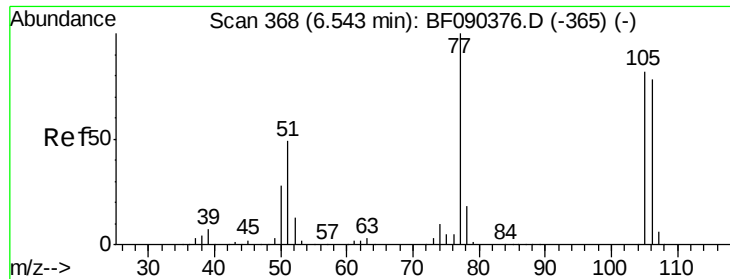
Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	128	Resp:	523635
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.3	53.3
64	63.1	36.0	76.0





#9

Benzaldehyde

Concen: 31.64 ng

RT: 6.53 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

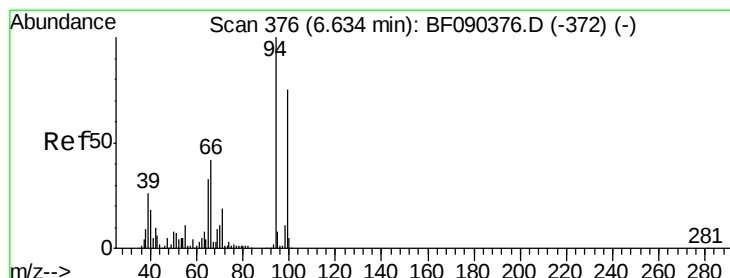
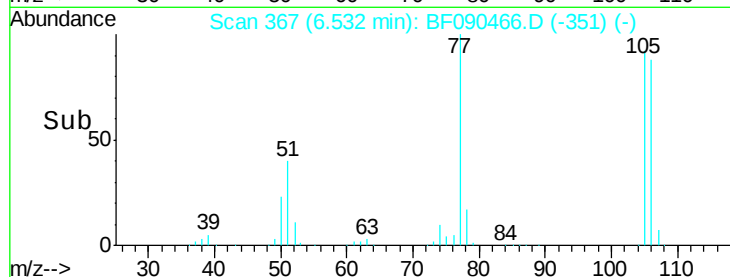
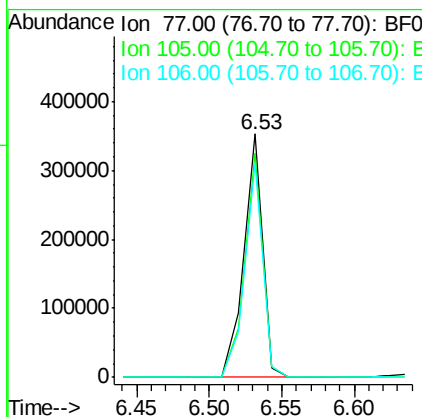
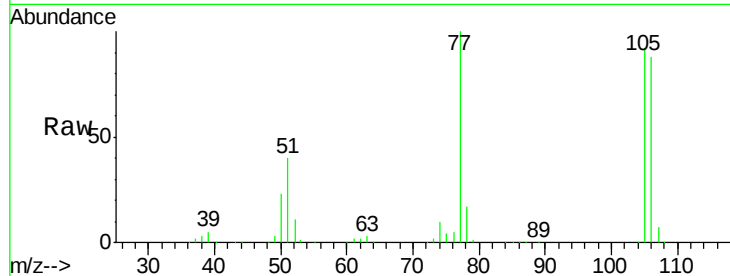
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	77	Resp:	316290
Ion Ratio	Lower	Upper	
77	100		
105	92.3	73.1	113.1
106	88.1	70.2	110.2

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#10

Phenol

Concen: 12.79 ng

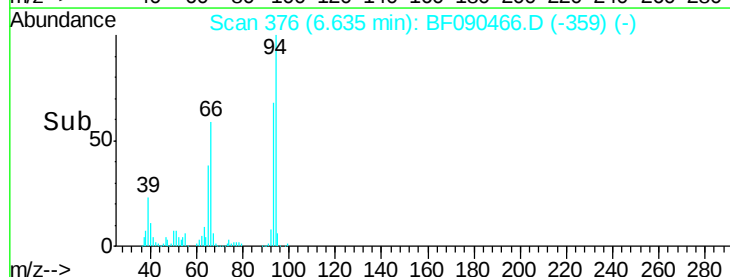
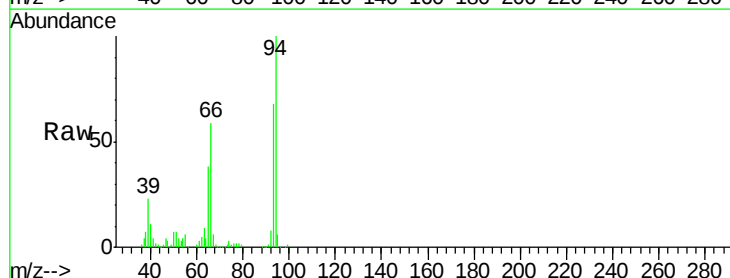
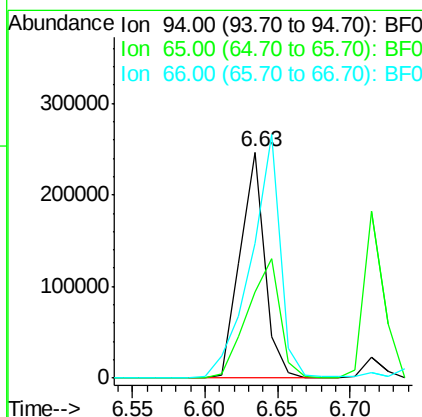
RT: 6.63 min Scan# 376

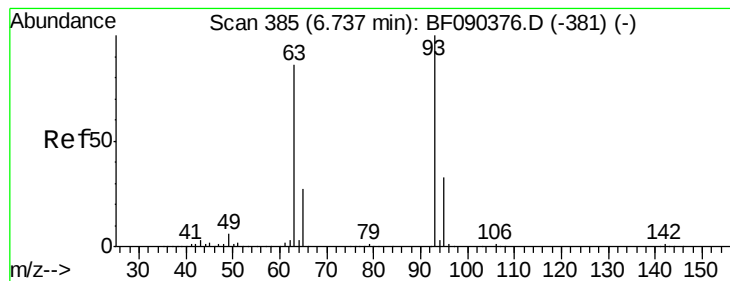
Delta R.T. 0.00 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	94	Resp:	294053
Ion Ratio	Lower	Upper	
94	100		
65	38.2	13.3	53.3
66	59.5	20.4	60.4





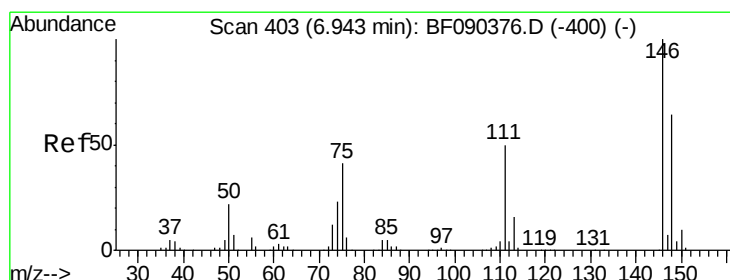
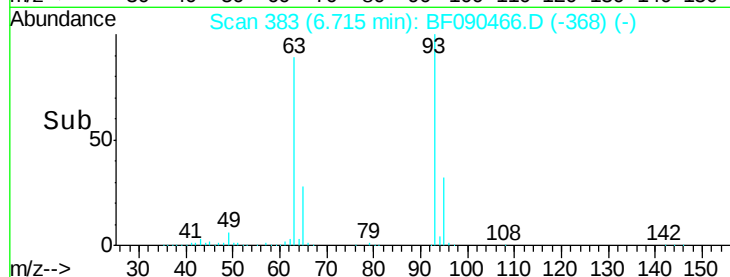
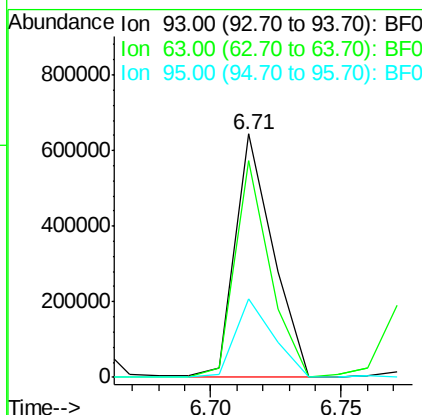
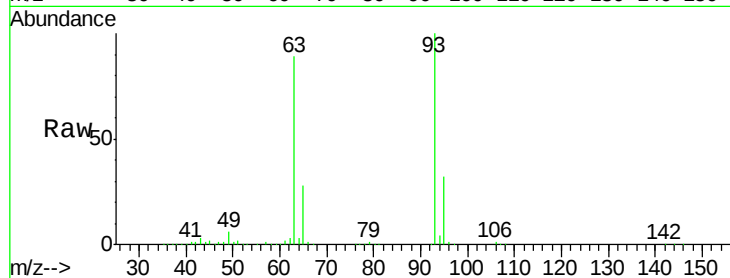
#11
bis(2-Chloroethyl)ether
Concen: 36.79 ng
RT: 6.71 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.0	59.7	99.7
95	32.4	14.0	54.0

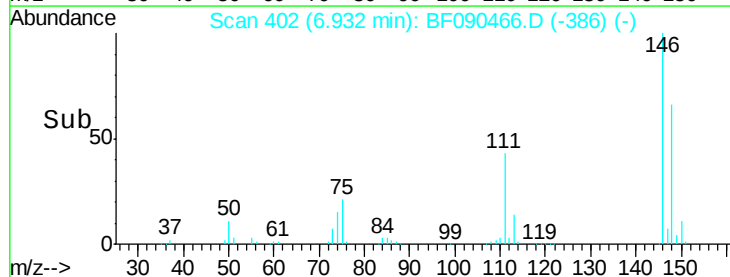
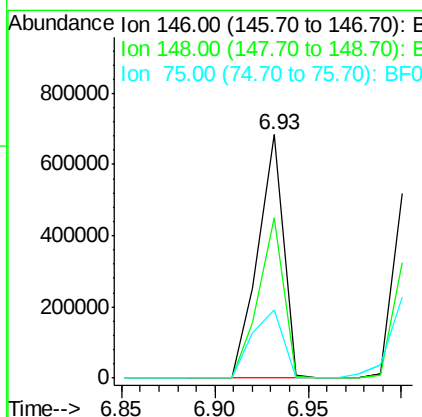
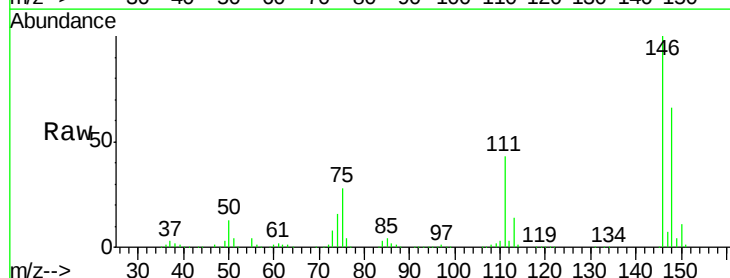
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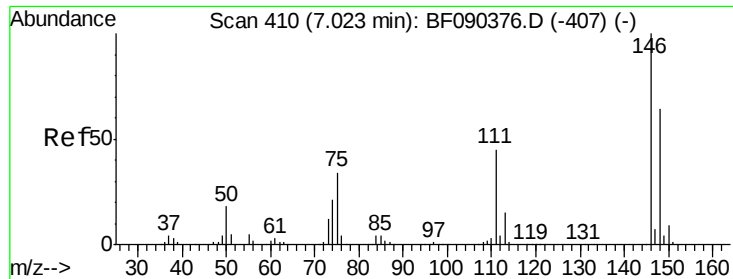
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#12
1,3-Dichlorobenzene
Concen: 39.22 ng
RT: 6.93 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
75	27.8	21.4	32.2





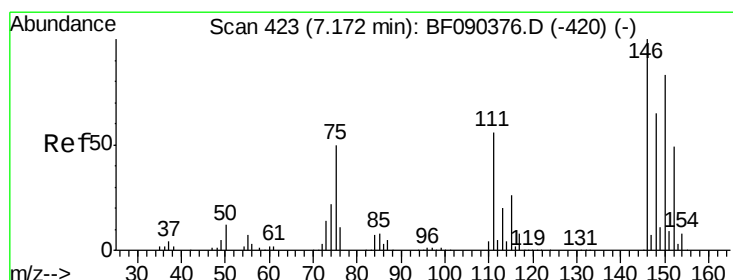
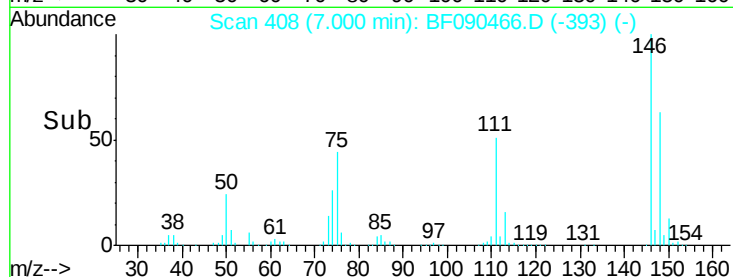
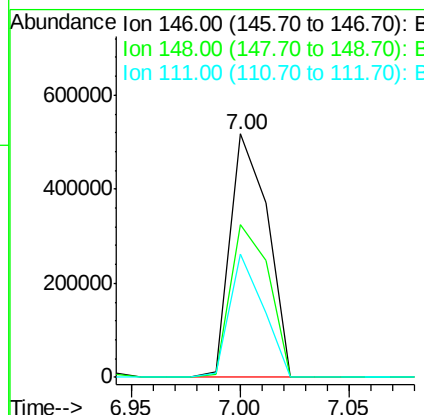
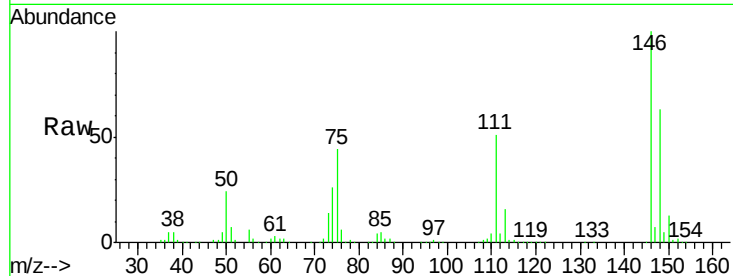
#13
 1,4-Dichlorobenzene
 Concen: 36.75 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion:146 Resp: 618209
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.1 76.7
 111 50.7 37.8 56.6

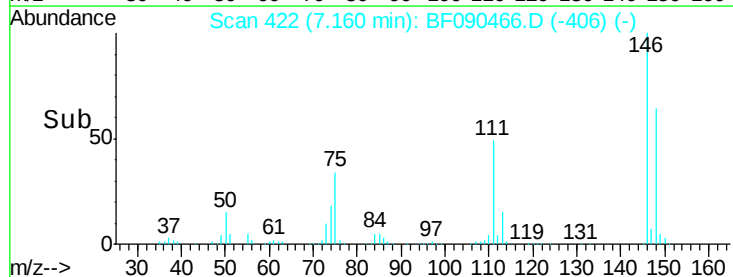
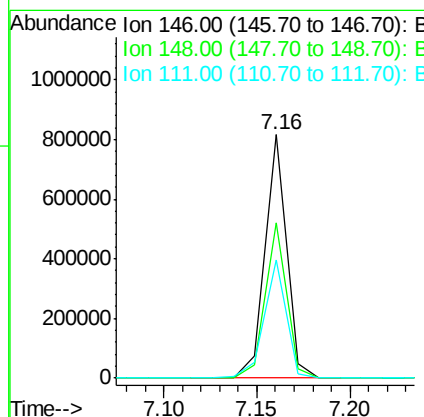
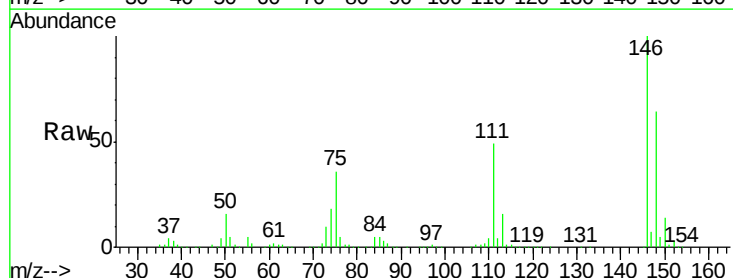
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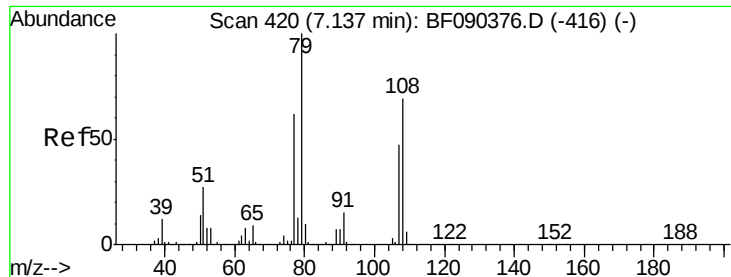
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#14
 1,2-Dichlorobenzene
 Concen: 39.59 ng
 RT: 7.16 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion:146 Resp: 641715
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 48.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 27.86 ng

RT: 7.13 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion: 79 Resp: 418820

Ion Ratio Lower Upper

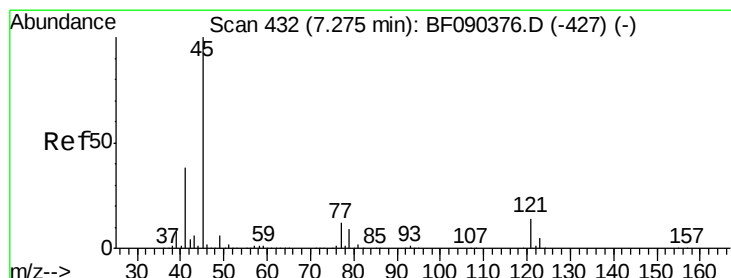
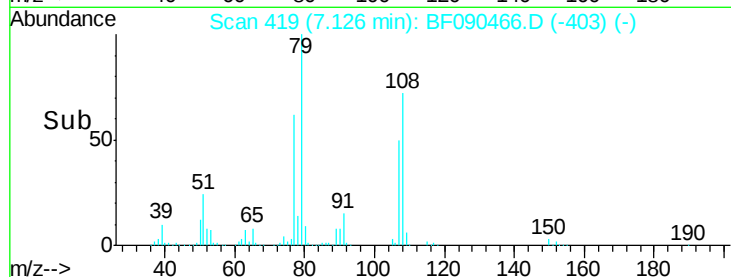
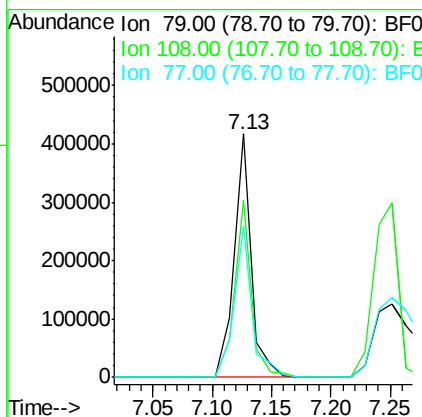
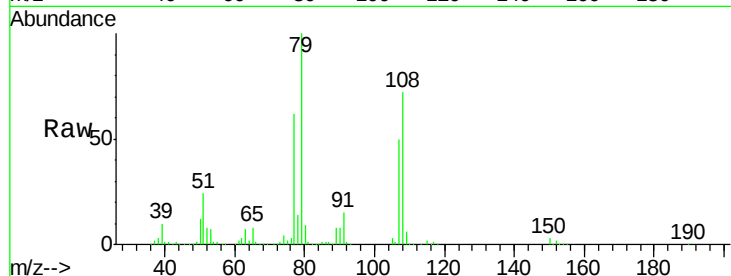
79 100

108 72.5 60.9 91.3

77 62.4 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.40 ng

RT: 7.26 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

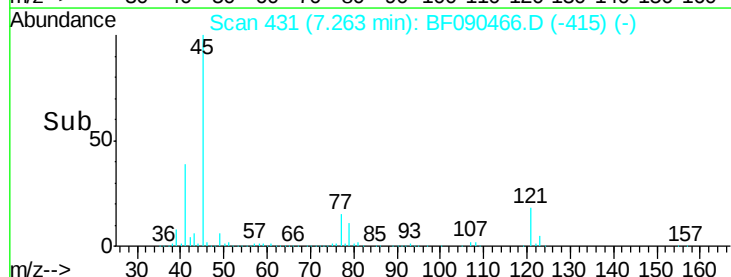
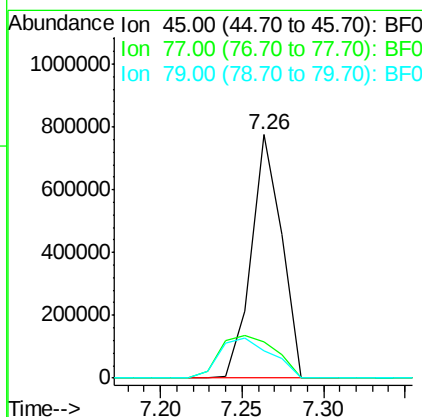
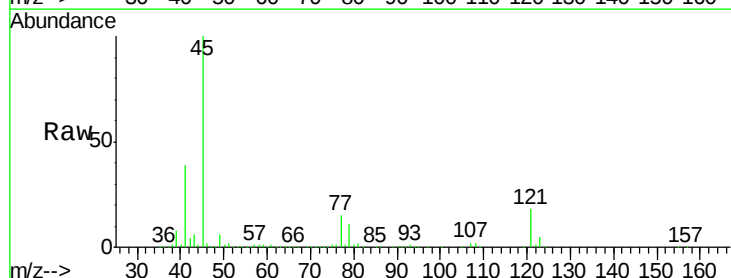
Tgt Ion: 45 Resp: 997107

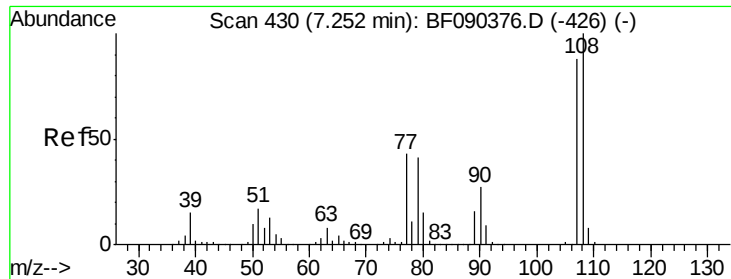
Ion Ratio Lower Upper

45 100

77 14.8 0.0 30.8

79 11.4 0.0 28.2





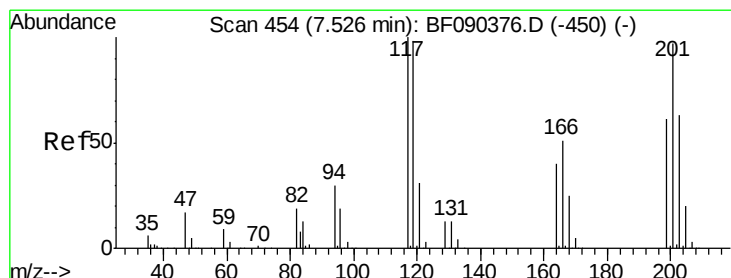
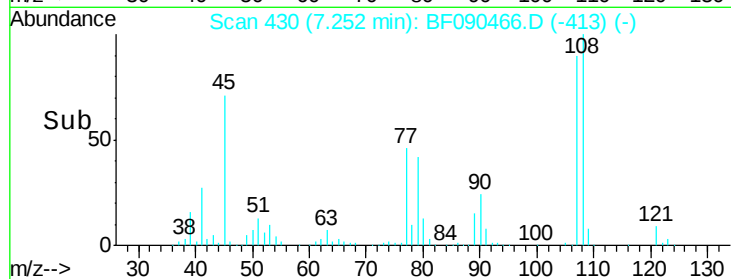
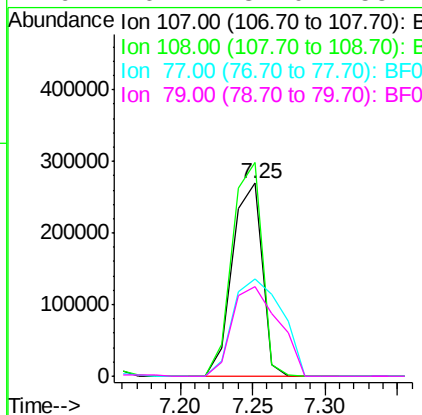
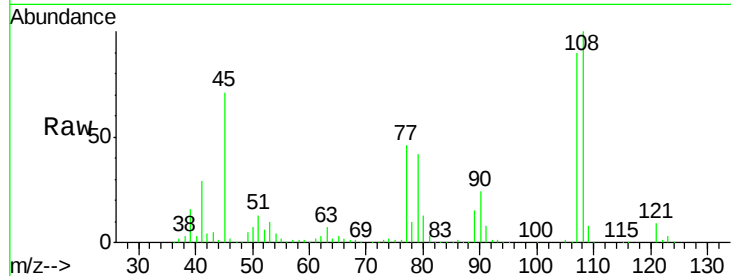
#17
2-Methylphenol
Concen: 28.13 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion:	107	Resp:	384420
Ion Ratio	Lower	Upper	
107	100		
108	110.7	90.9	136.3
77	50.7	38.2	57.4
79	46.7	37.0	55.4

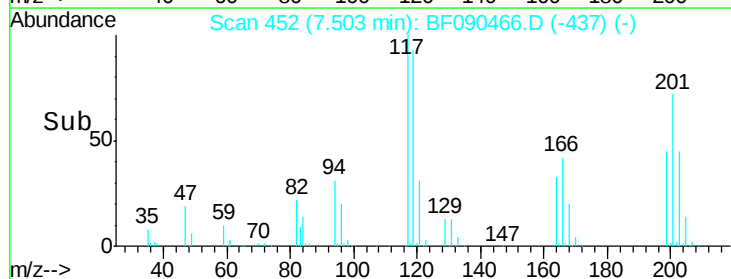
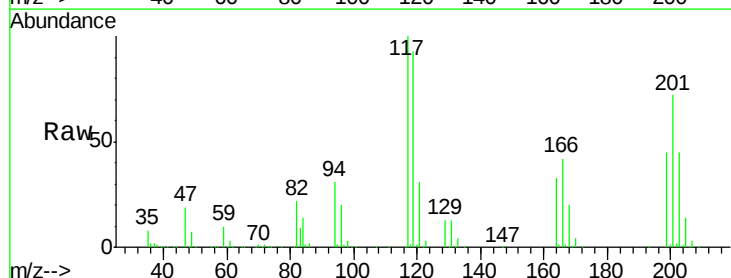
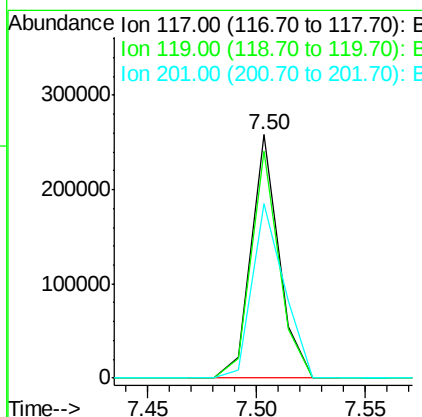
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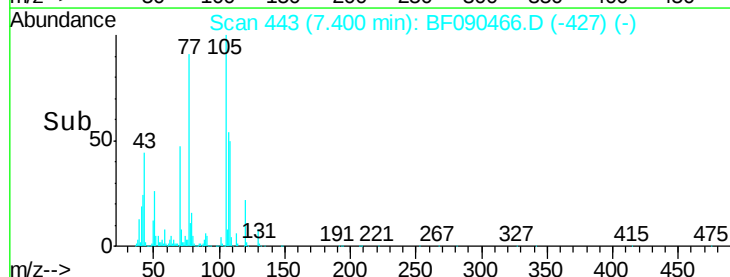
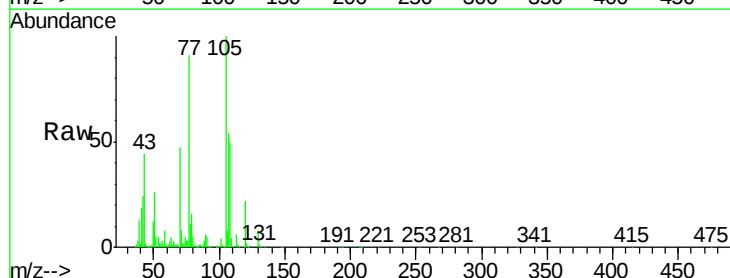
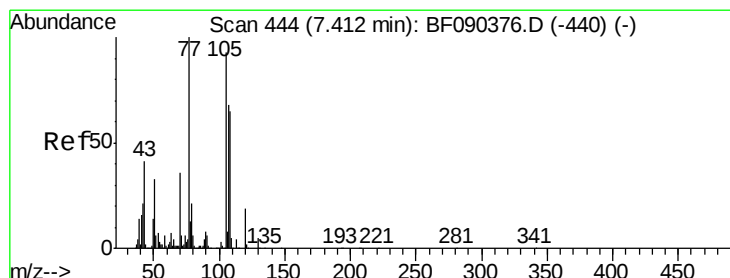
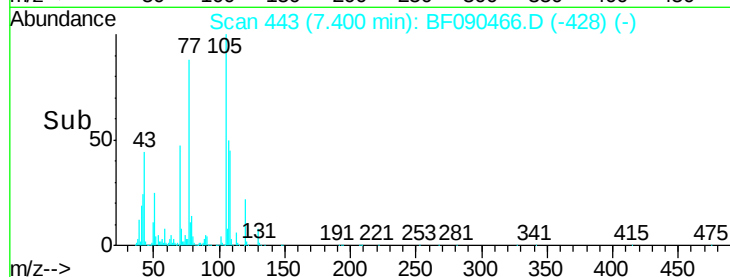
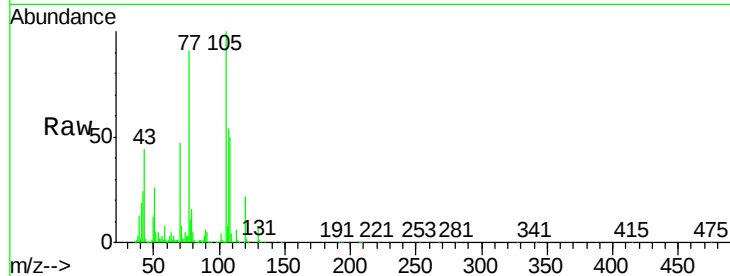
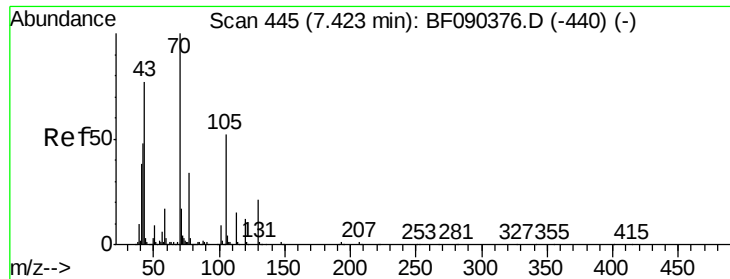
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#18
Hexachloroethane
Concen: 34.65 ng
RT: 7.50 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:	117	Resp:	229846
Ion Ratio	Lower	Upper	
117	100		
119	93.3	75.9	113.9
201	71.9	66.5	99.7





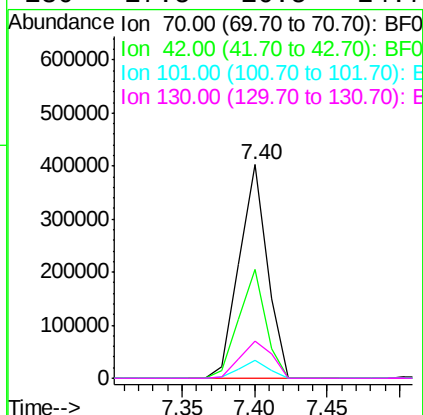
#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.0	55.4	83.2#
101	8.5	7.6	11.4
130	17.5	16.5	24.7

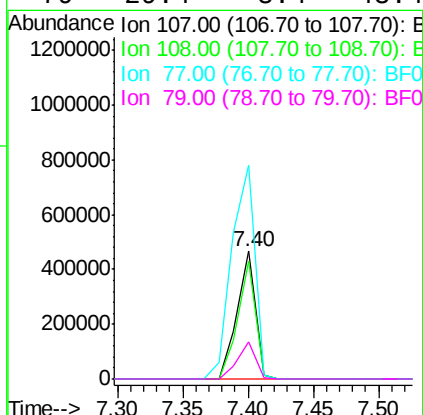
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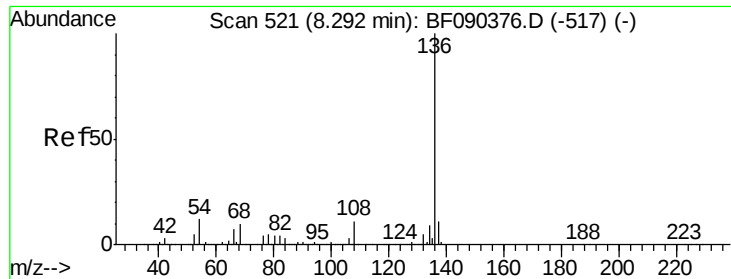
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#20
3+4-Methylphenols
Concen: 25.53 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.4	66.7	106.7
77	167.2	53.7	93.7#
79	29.4	8.4	48.4





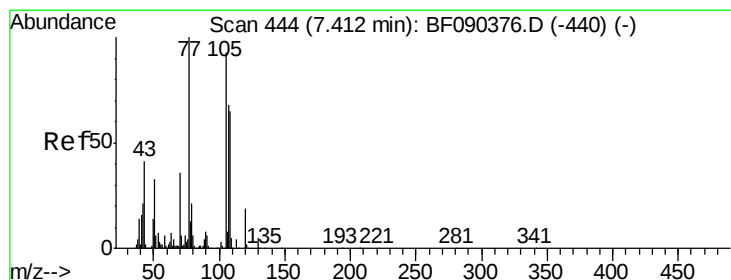
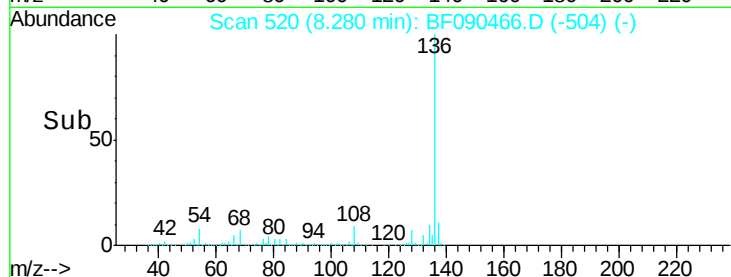
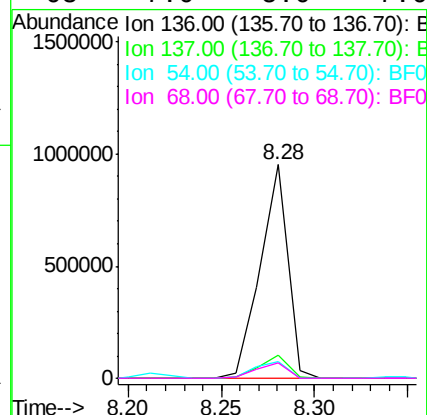
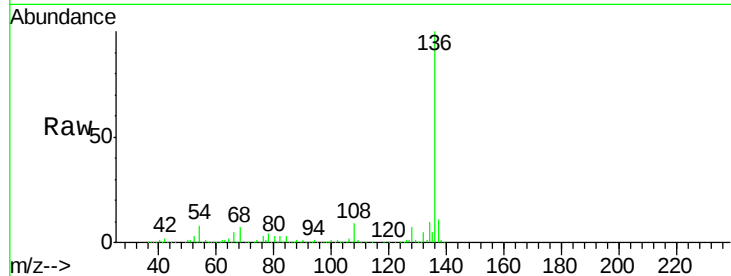
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.28 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	971602		
137	11.0	9.0	13.6	
54	7.6	6.6	10.0	
68	7.0	5.0	7.6	

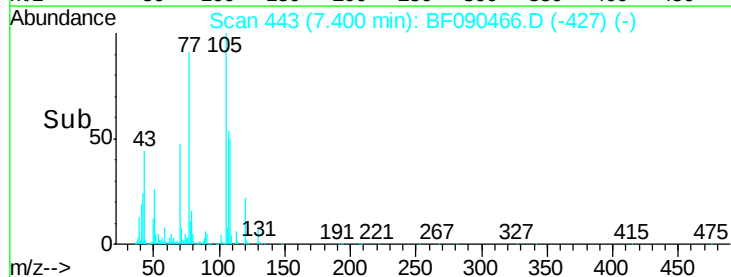
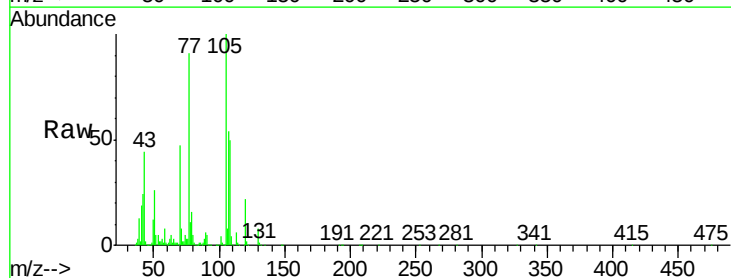
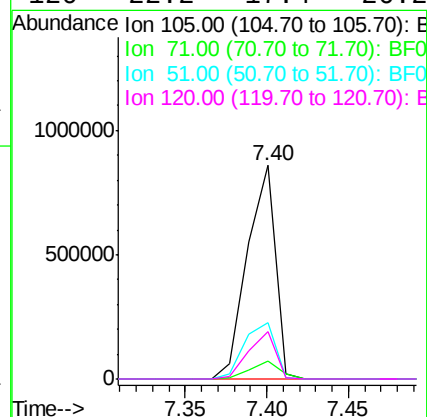
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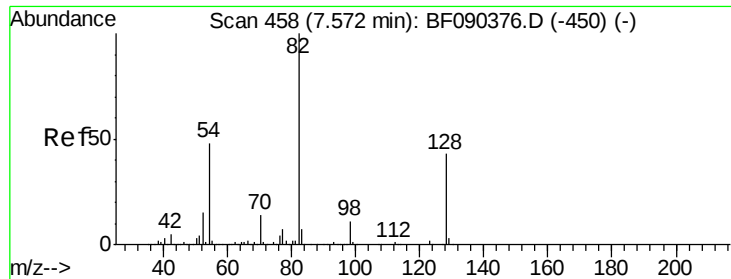
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#22
Acetophenone
Concen: 44.45 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1022923		
71	8.1	3.8	5.6#	
51	26.2	28.2	42.4#	
120	22.2	17.4	26.2	





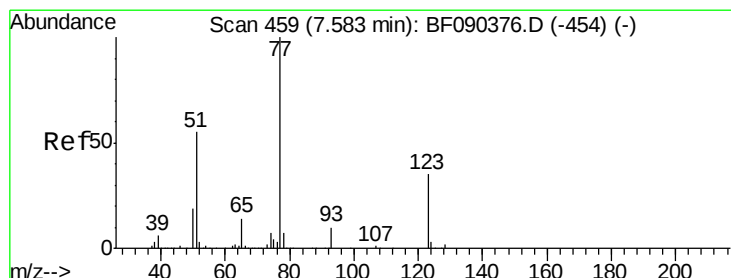
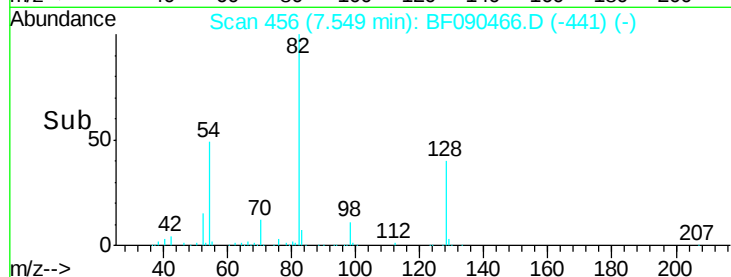
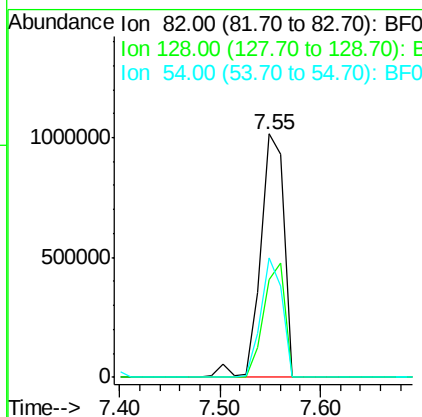
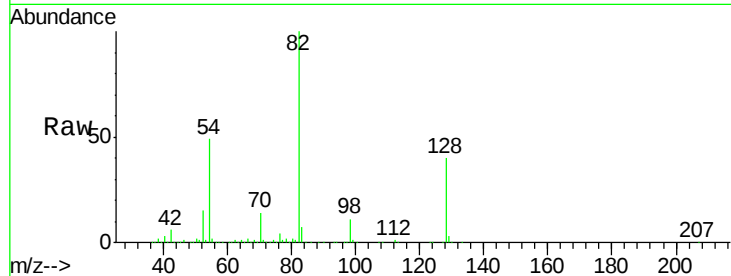
#23
Nitrobenzene-d5
Concen: 82.10 ng
RT: 7.55 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.1	40.0	60.0
54	49.3	42.6	64.0

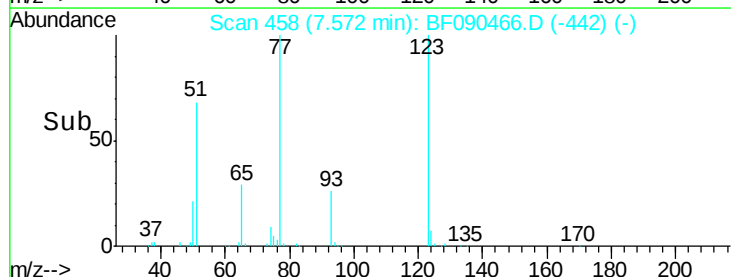
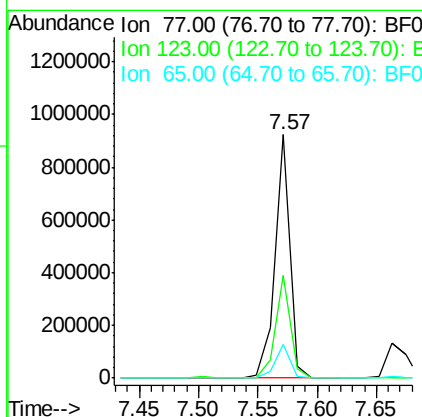
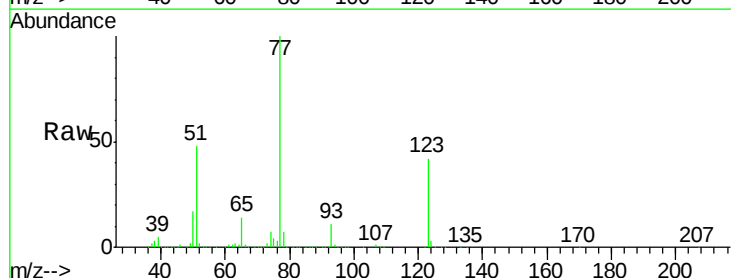
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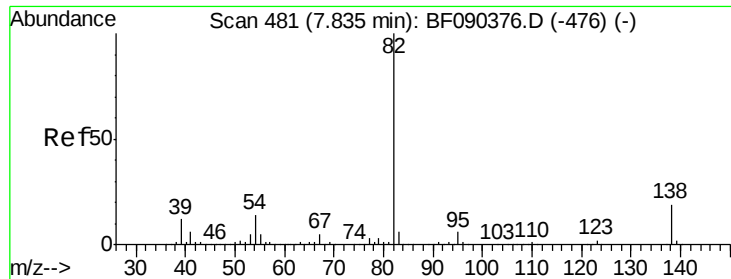
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#24
Nitrobenzene
Concen: 40.76 ng
RT: 7.57 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	33.0	49.4
65	13.9	12.0	18.0





#25

Isophorone

Concen: 40.99 ng

RT: 7.81 min Scan# 479

Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion: 82 Resp: 1496747

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

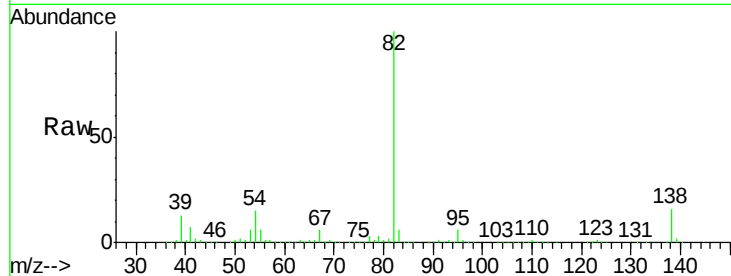
138 15.7 13.0 19.4

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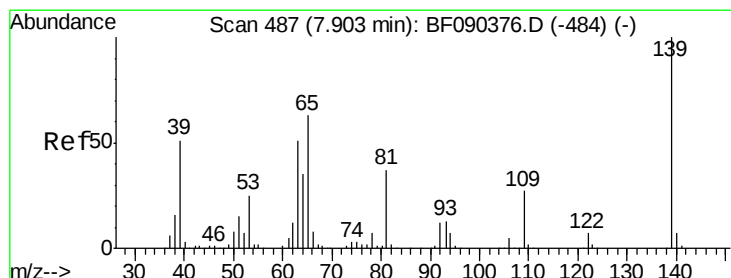
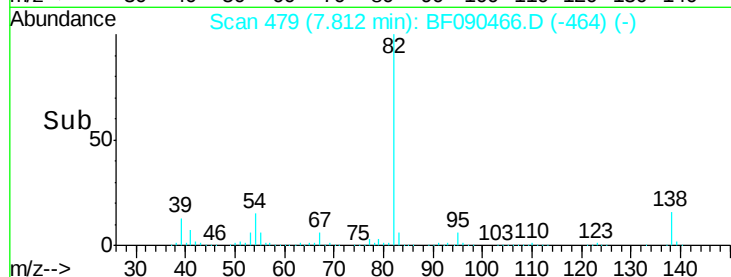
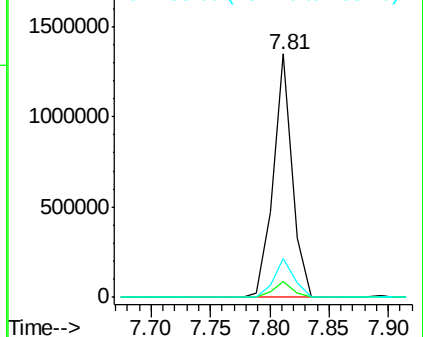
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.36 ng

RT: 7.89 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

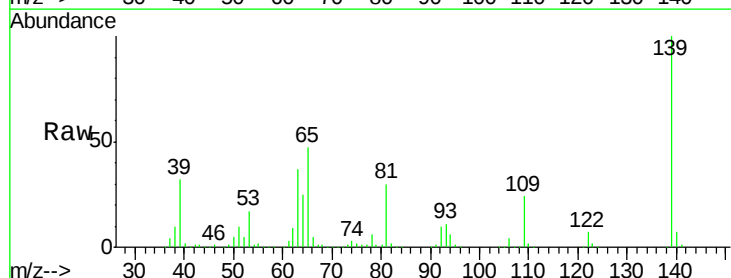
Tgt Ion: 139 Resp: 378618

Ion Ratio Lower Upper

139 100

109 23.9 18.9 28.3

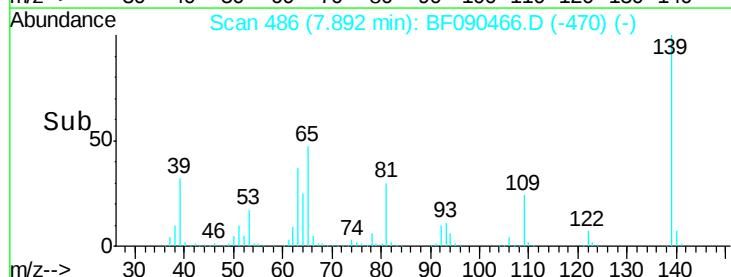
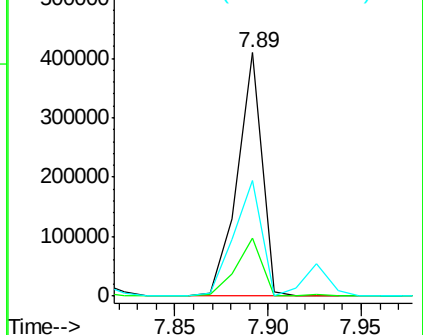
65 47.3 31.6 47.4

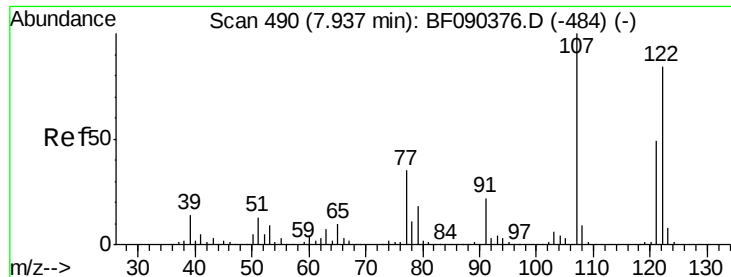


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





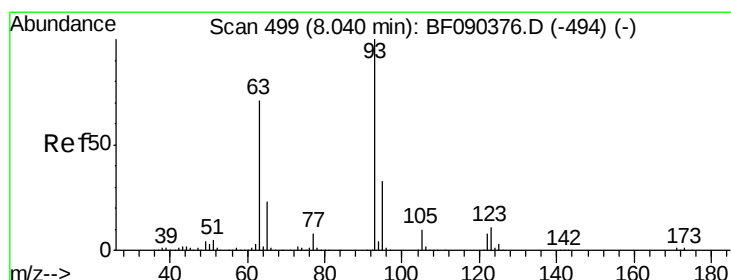
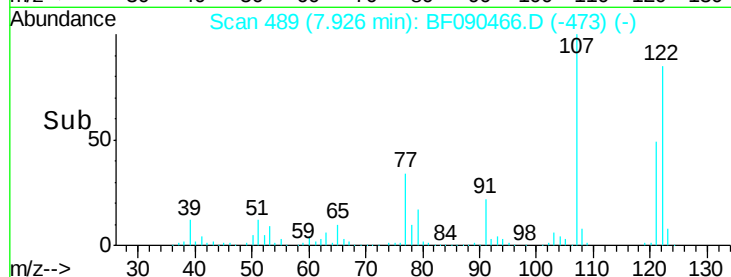
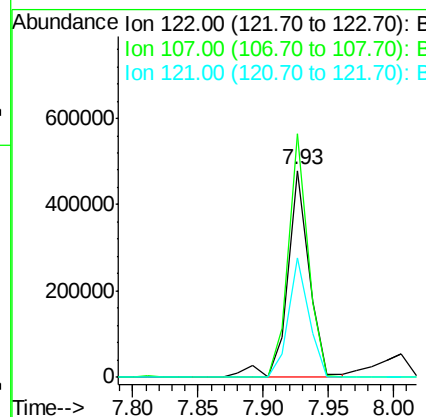
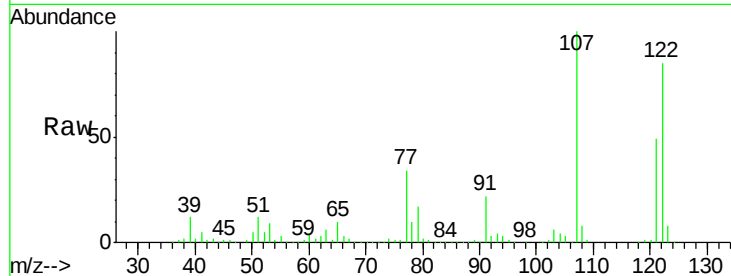
#27
 2,4-Dimethylphenol
 Concen: 33.03 ng
 RT: 7.93 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	548203		
107	117.9	88.6	132.8	
121	58.1	47.5	71.3	

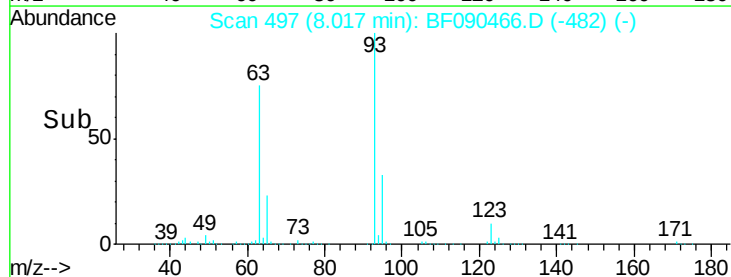
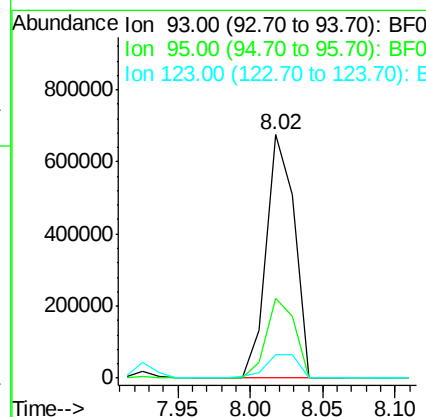
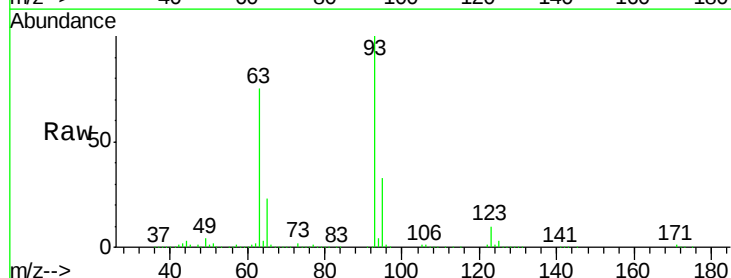
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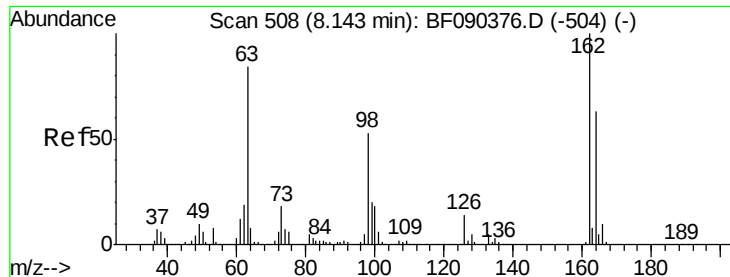
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.94 ng
 RT: 8.02 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	905737		
95	32.6	27.0	40.4	
123	9.8	11.1	16.7#	





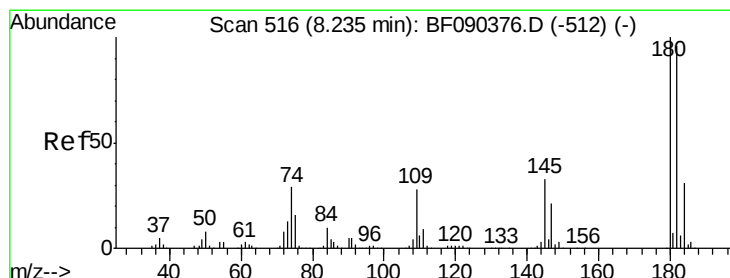
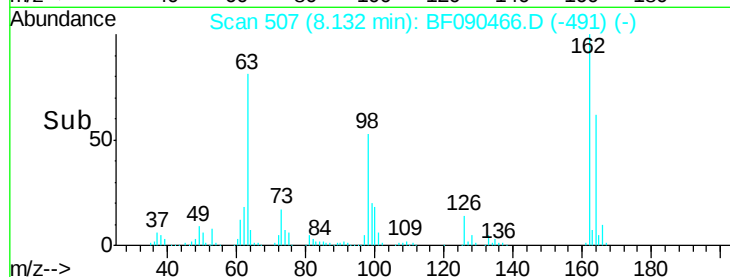
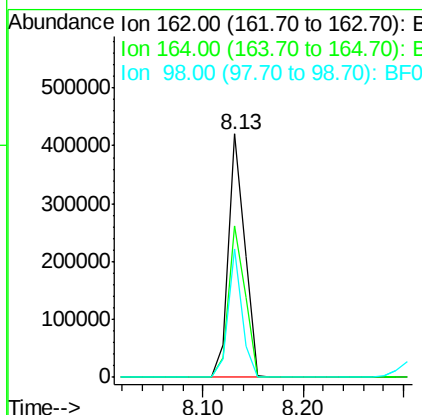
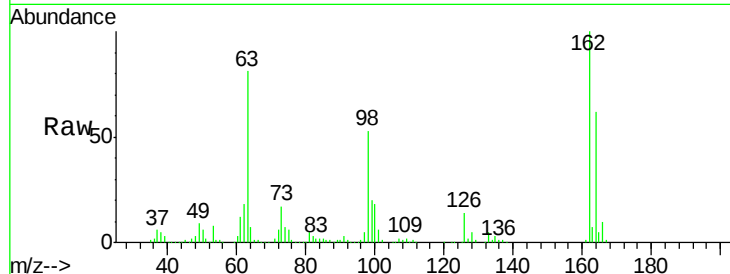
#29
2,4-Dichlorophenol
Concen: 37.55 ng
RT: 8.13 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	473871		
164	62.4	45.7	85.7	
98	52.5	13.3	53.3	

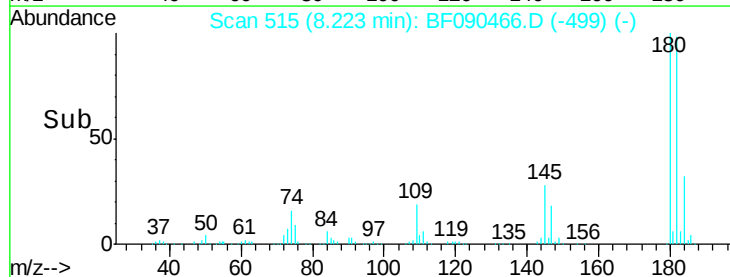
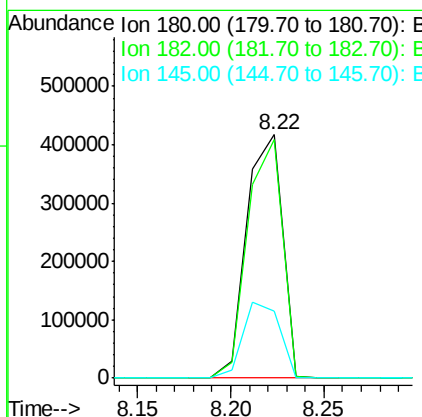
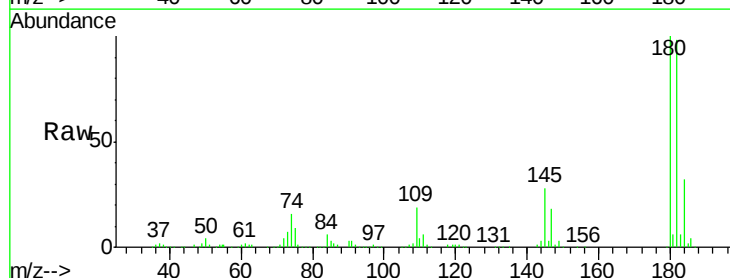
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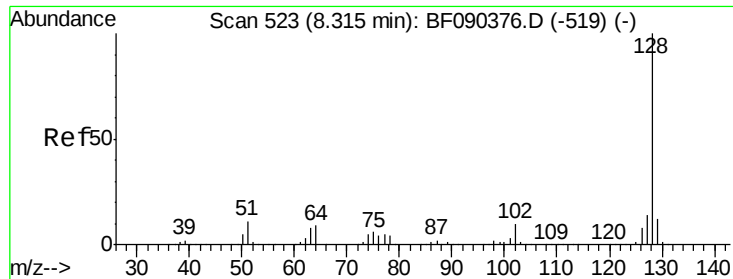
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#30
1,2,4-Trichlorobenzene
Concen: 42.57 ng
RT: 8.22 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	553611		
182	97.9	75.3	112.9	
145	27.7	27.7	41.5	





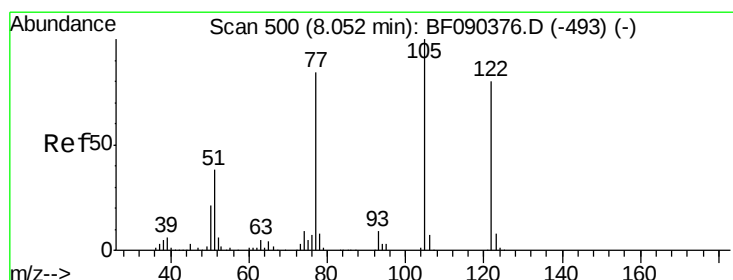
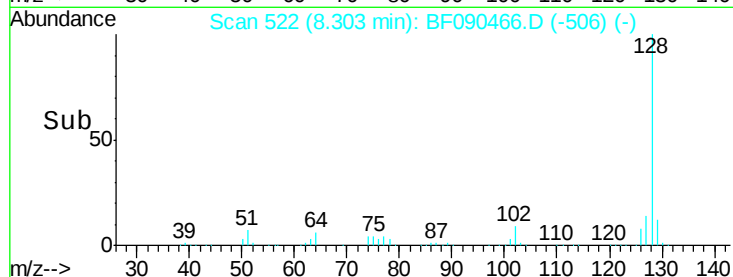
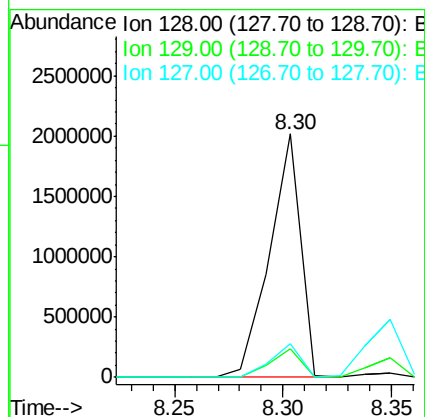
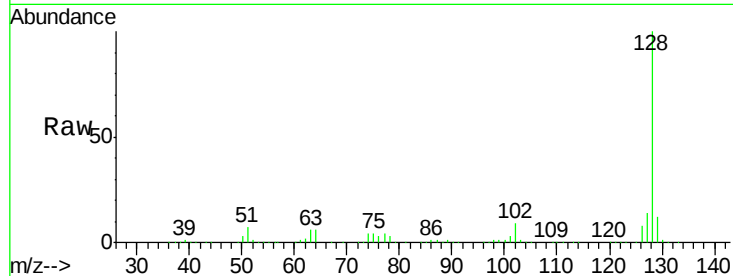
#31
Naphthalene
Concen: 43.14 ng
RT: 8.30 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion:128 Resp: 2022003
Ion Ratio Lower Upper
128 100
129 11.7 9.7 14.5
127 14.0 11.7 17.5

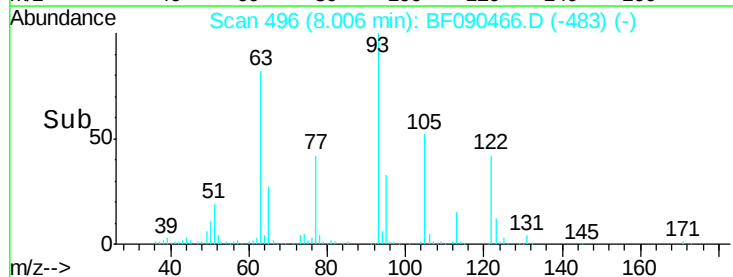
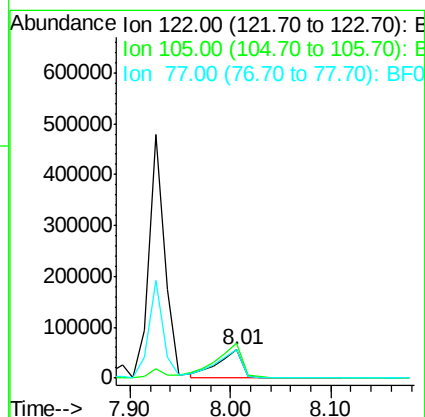
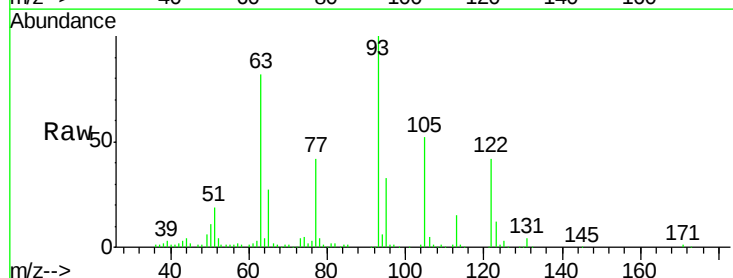
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#32
Benzoic acid
Concen: 8.39 ng
RT: 8.01 min Scan# 496
Delta R.T. -0.05 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:122 Resp: 96815
Ion Ratio Lower Upper
122 100
105 124.6 103.9 143.9
77 100.0 74.6 114.6





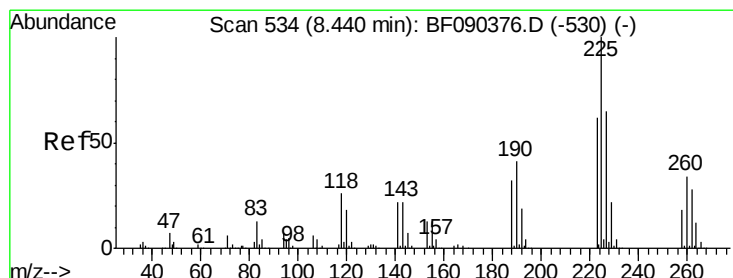
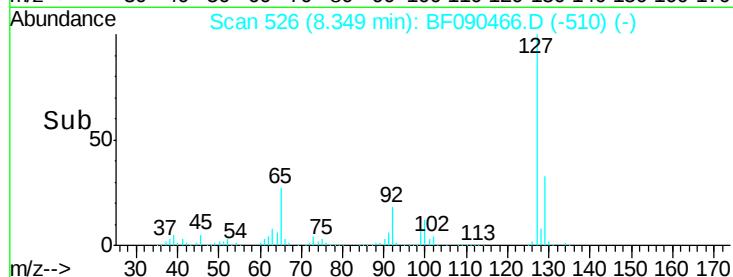
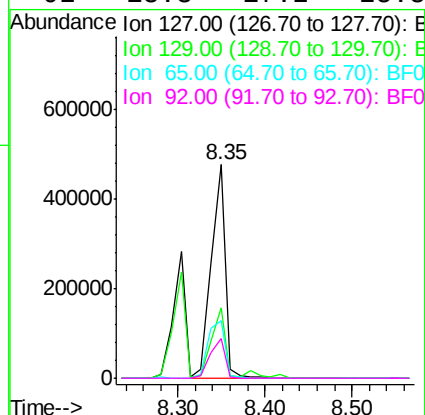
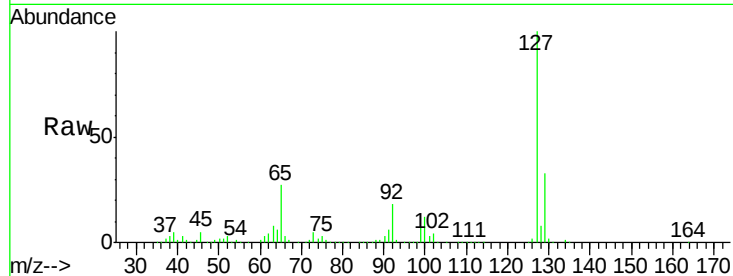
#33
4-Chloroaniline
Concen: 27.90 ng
RT: 8.35 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	33.0	26.2	39.4
65	27.0	32.5	48.7
92	18.3	17.2	25.8

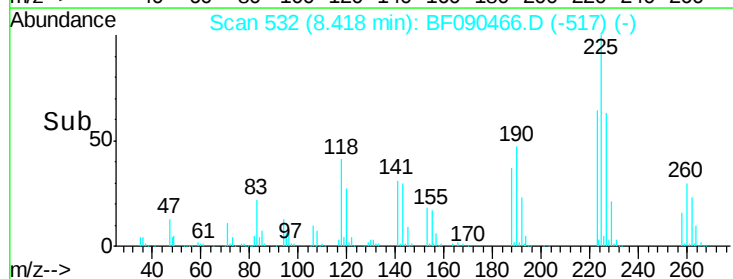
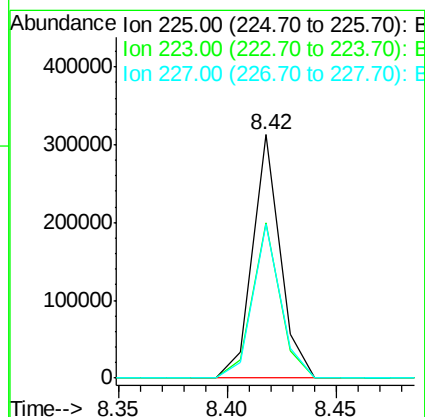
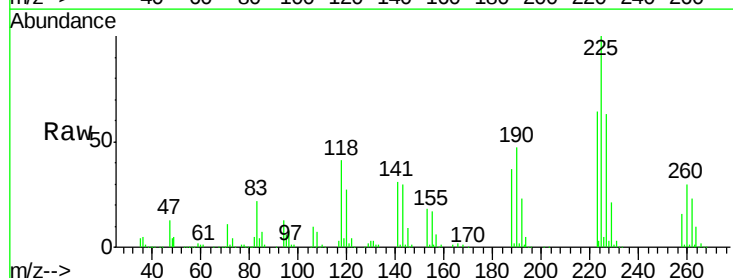
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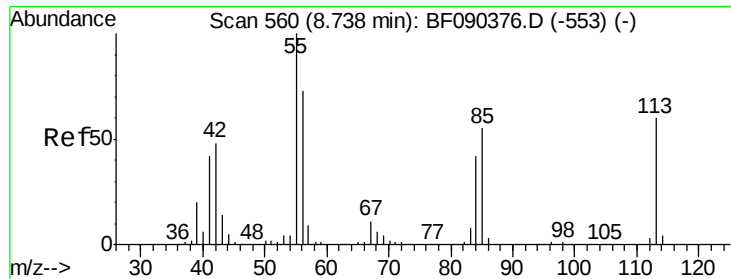
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#34
Hexachlorobutadiene
Concen: 38.14 ng
RT: 8.42 min Scan# 532
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.8	51.0	76.4
227	63.3	50.8	76.2





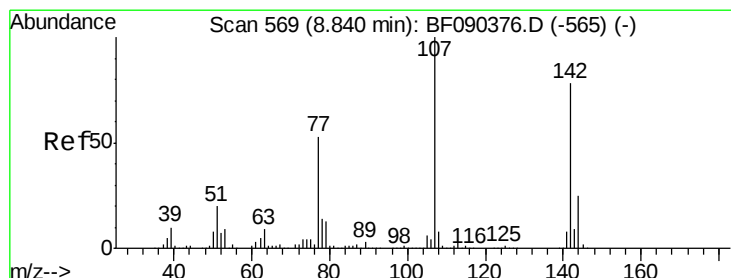
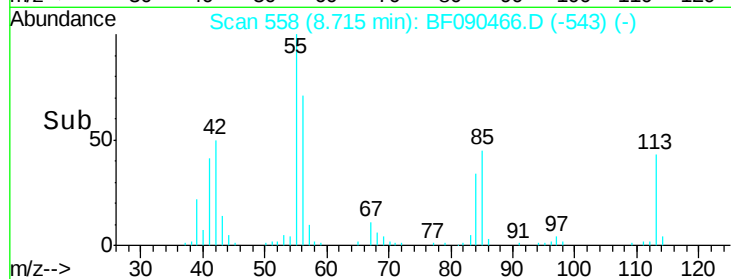
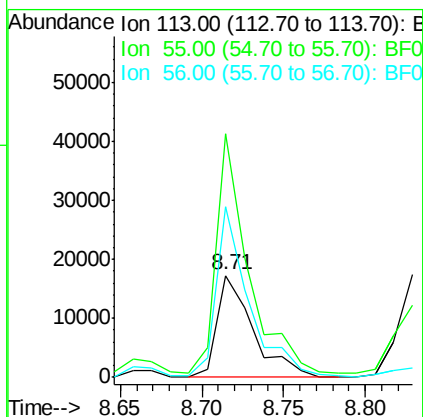
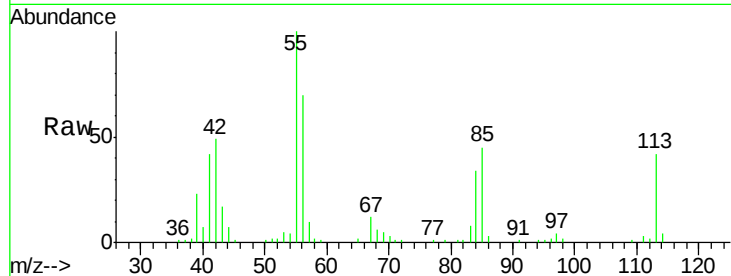
#35
 Caprolactam
 Concen: 6.23 ng
 RT: 8.71 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion:113 Resp: 26436
 Ion Ratio Lower Upper
 113 100
 55 238.7 203.3 243.3
 56 167.3 140.5 180.5

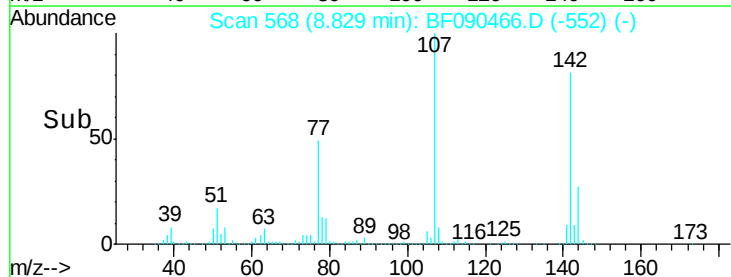
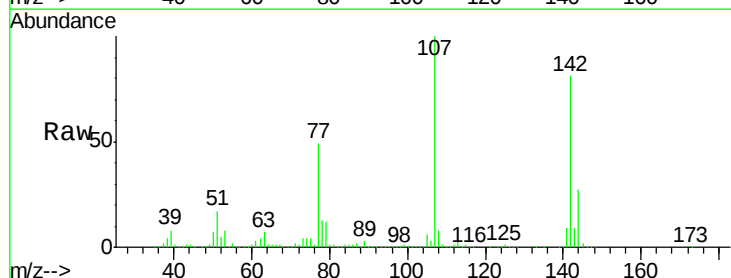
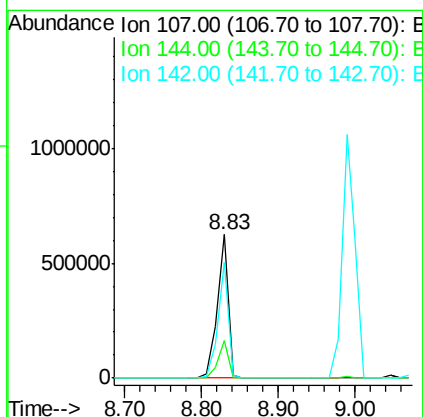
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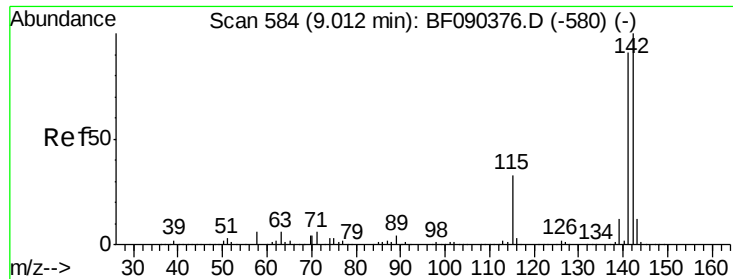
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#36
 4-Chloro-3-methylphenol
 Concen: 38.50 ng
 RT: 8.83 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion:107 Resp: 608382
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.8 29.8
 142 80.9 60.7 91.1





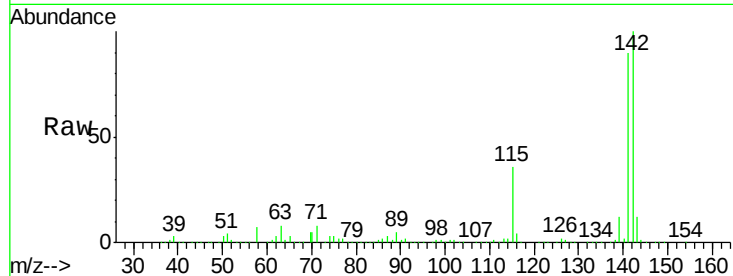
#37
2-Methylnaphthalene
Concen: 44.51 ng
RT: 8.99 min Scan# 582
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

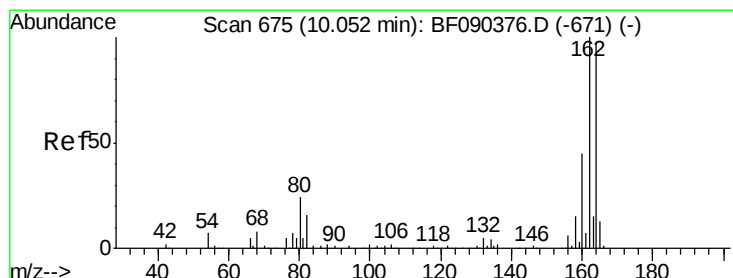
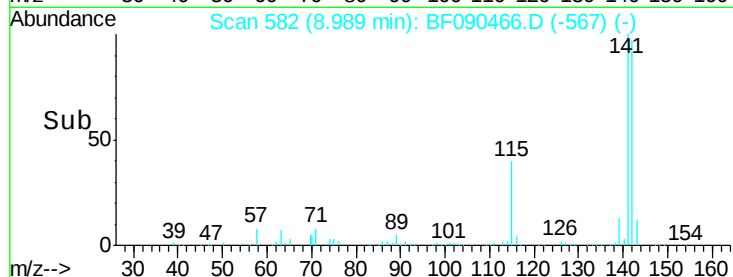
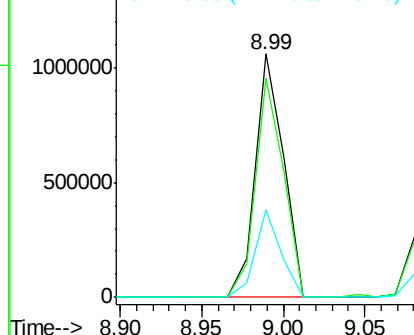
Tgt Ion:142 Resp: 1263034
Ion Ratio Lower Upper
142 100
141 90.3 71.8 107.8
115 35.8 28.8 43.2

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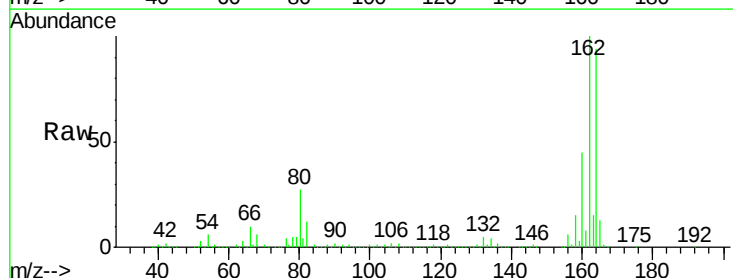


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

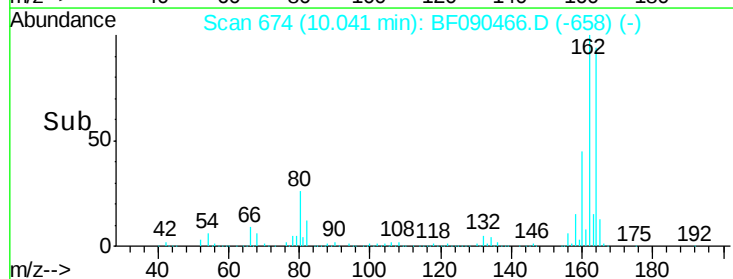
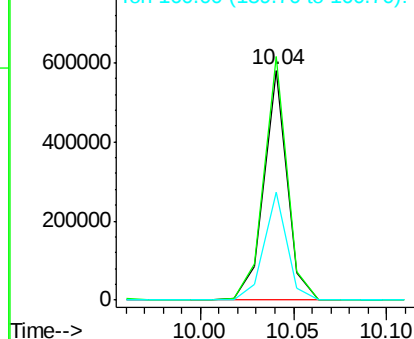


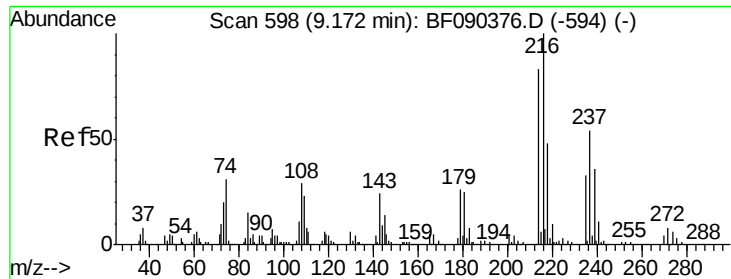
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:164 Resp: 507392
Ion Ratio Lower Upper
164 100
162 106.0 80.1 120.1
160 47.2 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.09 ng

RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

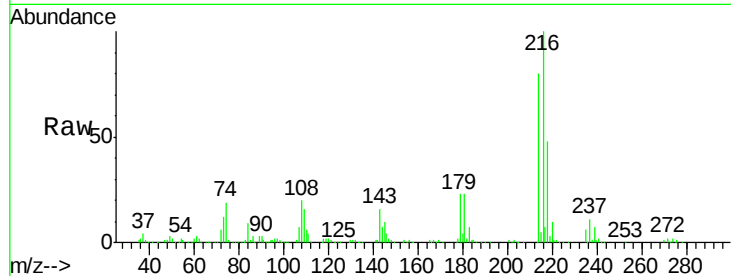
ClientSampled :

RAV-GT-104MS

Tgt Ion:	216	Resp:	603120
Ion Ratio		Lower	Upper
216	100		
214	79.8	64.2	96.2
179	23.3	18.0	27.0
108	22.7	15.2	22.8

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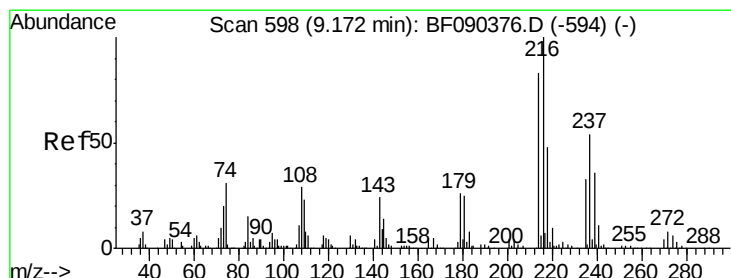
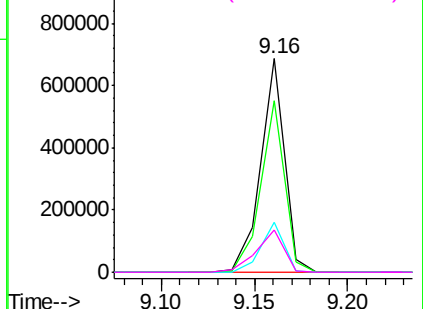
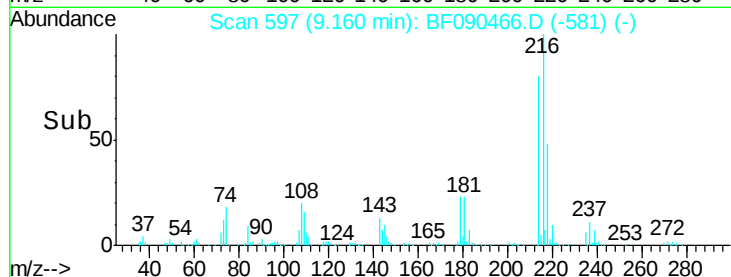


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 62.98 ng

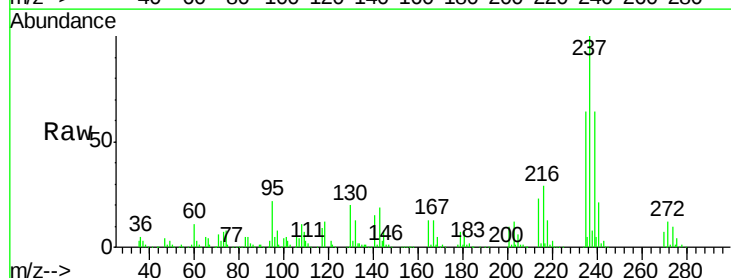
RT: 9.15 min Scan# 596

Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

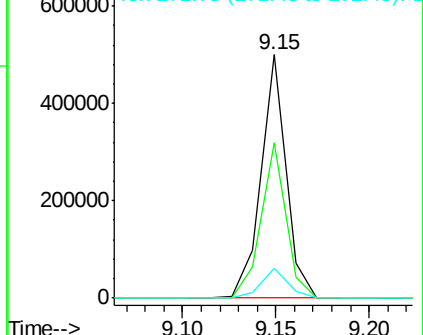
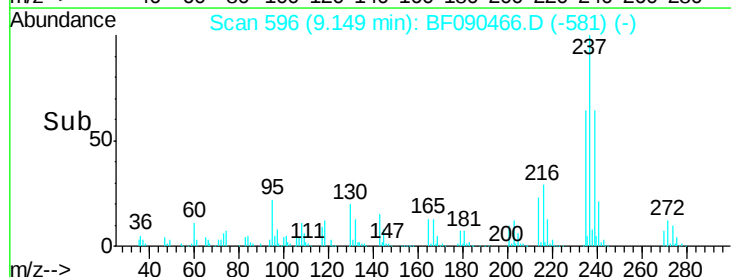
Tgt Ion:	237	Resp:	461827
Ion Ratio		Lower	Upper
237	100		
235	64.0	43.6	83.6
272	12.2	0.0	32.7

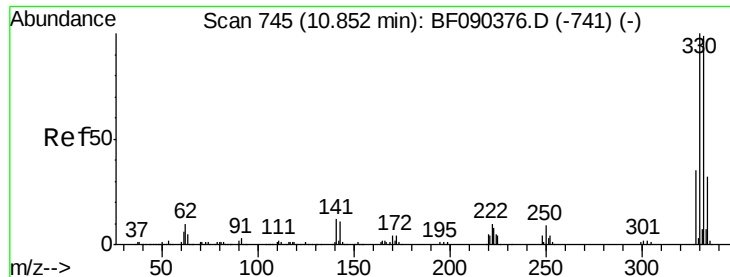


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





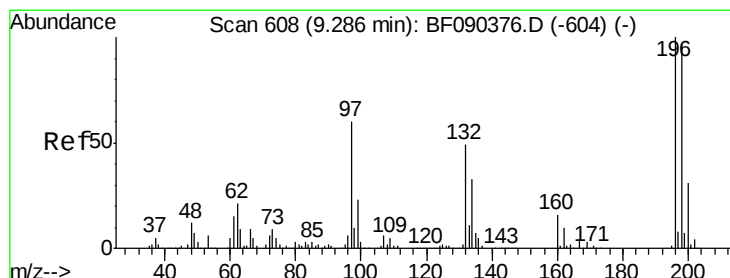
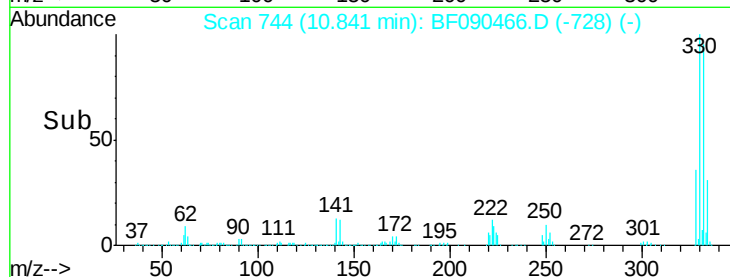
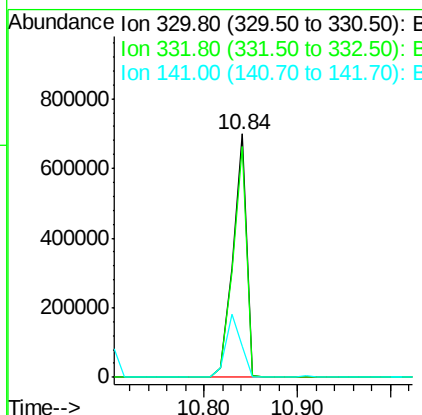
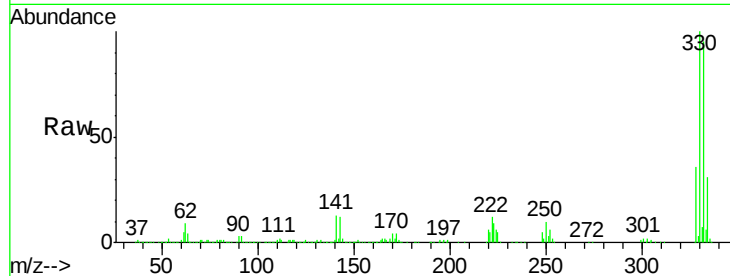
#41
 2,4,6-Tribromophenol
 Concen: 174.29 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	719094		
332	95.3	75.4	113.0	
141	28.4	26.9	40.3	

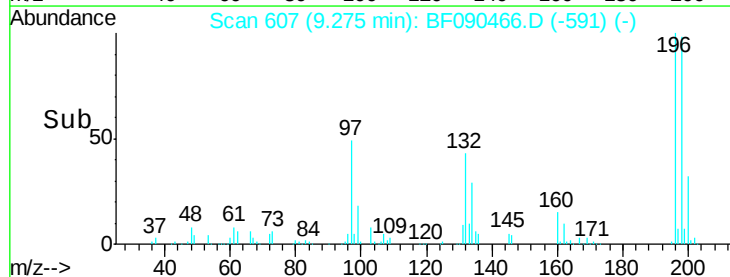
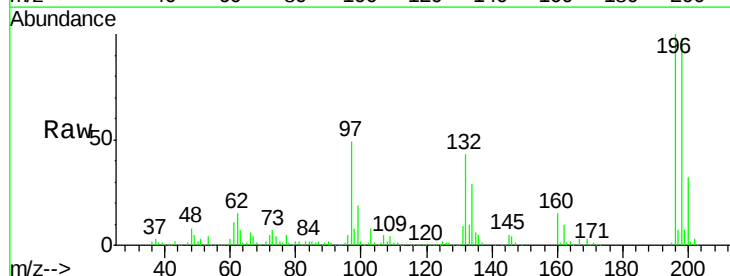
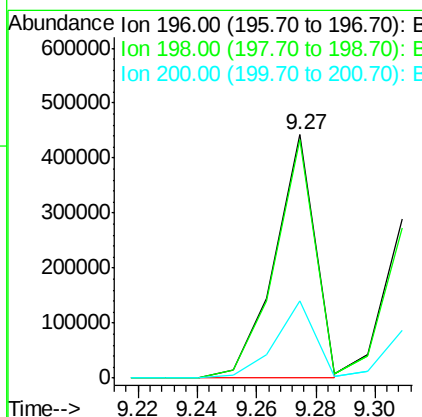
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#42
 2,4,6-Trichlorophenol
 Concen: 45.30 ng m
 RT: 9.27 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	418127		
198	98.2	78.9	118.3	
200	31.7	25.4	38.2	





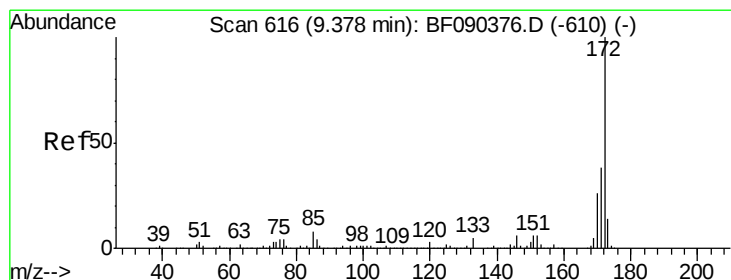
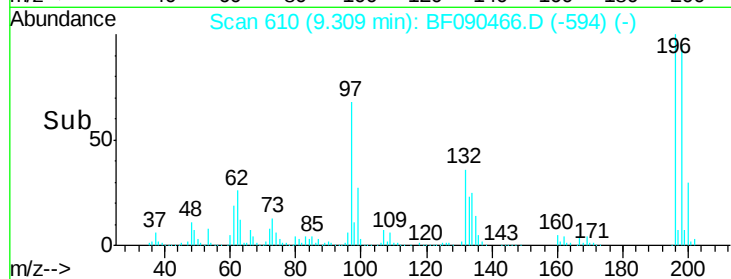
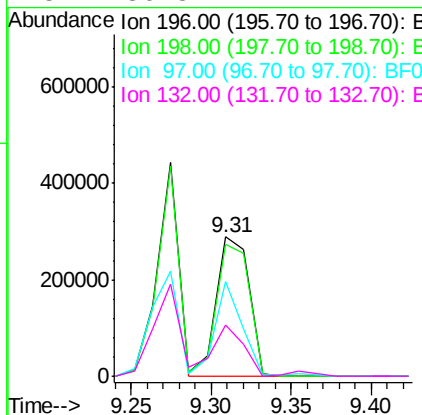
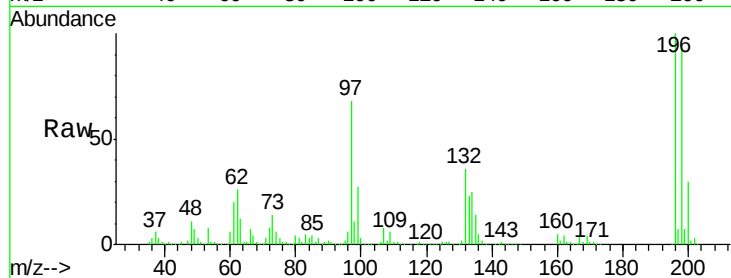
#43
 2,4,5-Trichlorophenol
 Concen: 47.37 ng m
 RT: 9.31 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	413433		
198	94.9	78.1	117.1	
97	68.1	48.1	72.1	
132	36.3	27.4	41.2	

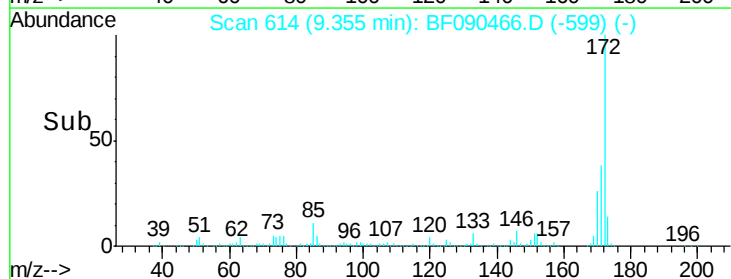
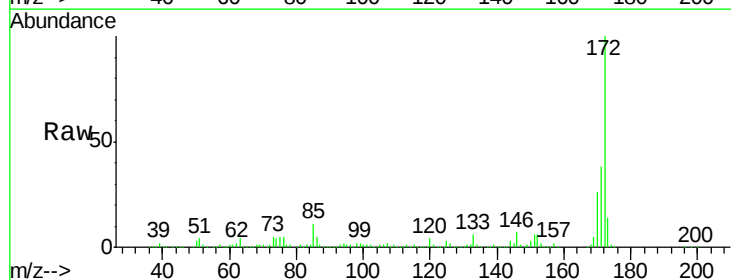
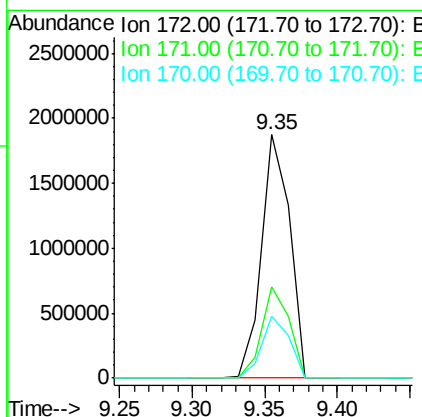
Manual Integrations
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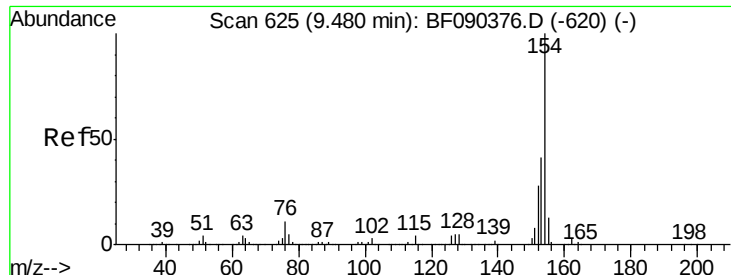
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#44
 2-Fluorobiphenyl
 Concen: 82.72 ng
 RT: 9.35 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2519184		
171	37.5	31.8	47.8	
170	25.5	21.7	32.5	





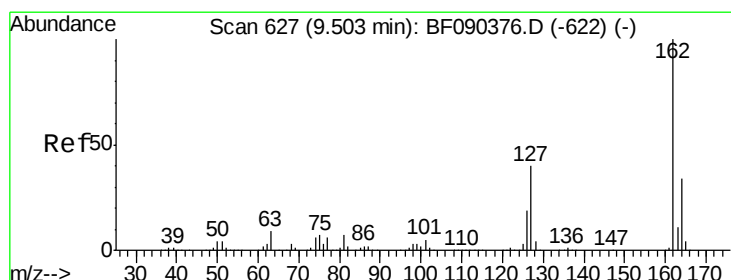
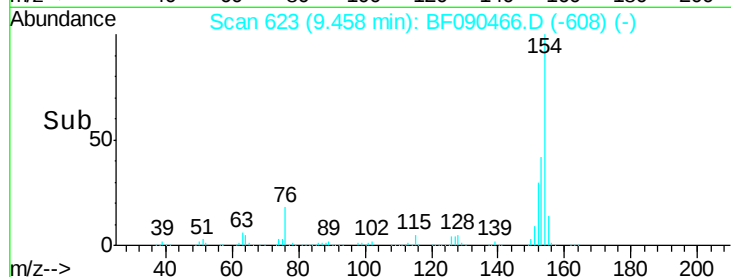
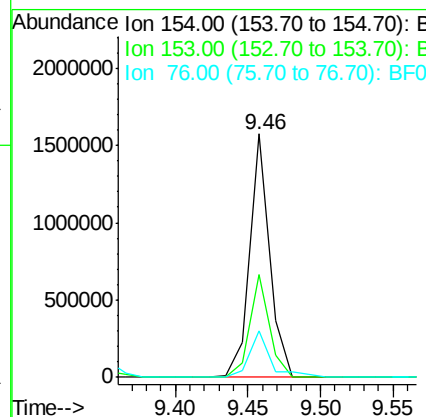
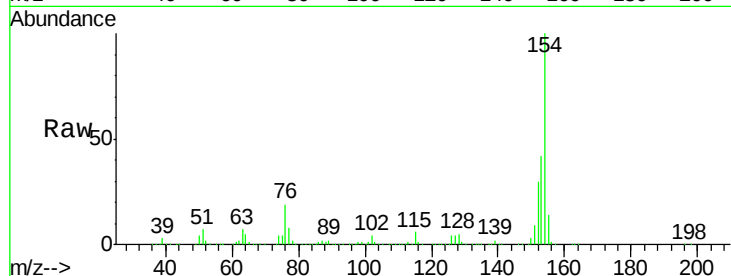
#45
1,1'-Biphenyl
Concen: 39.88 ng
RT: 9.46 min Scan# 623
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion:154 Resp: 1499529
Ion Ratio Lower Upper
154 100
153 42.4 23.8 63.8
76 19.3 0.0 35.8

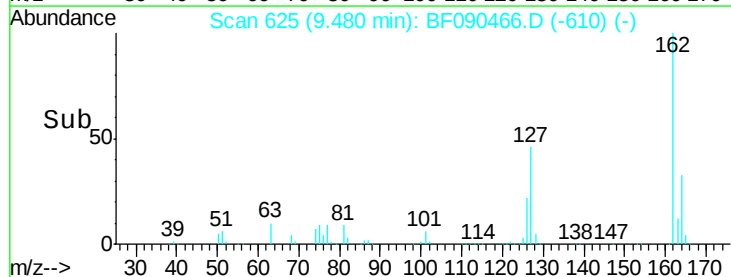
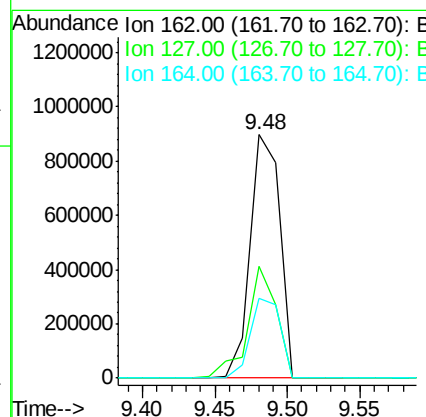
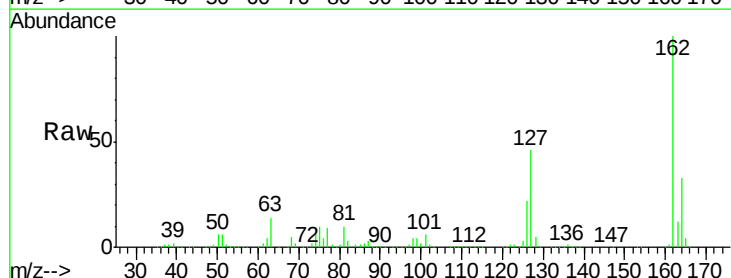
Manual Integrations
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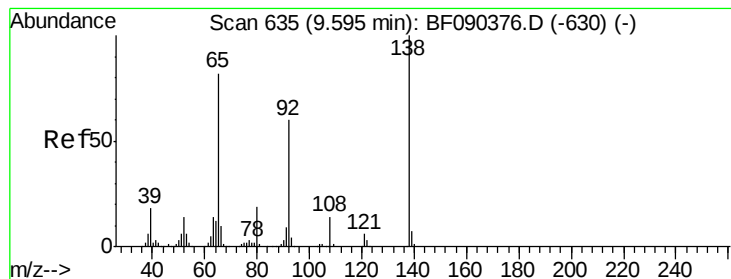
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#46
2-Chloronaphthalene
Concen: 45.59 ng
RT: 9.48 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:162 Resp: 1266425
Ion Ratio Lower Upper
162 100
127 46.0 35.6 53.4
164 33.0 27.5 41.3





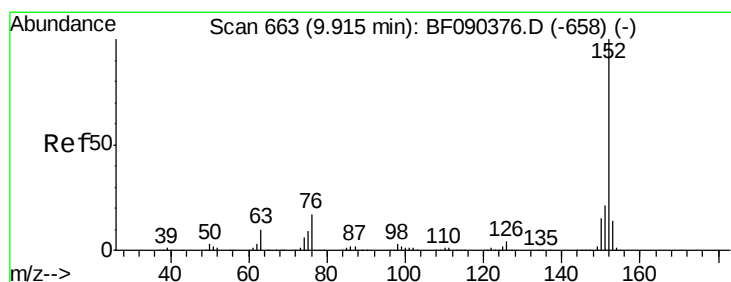
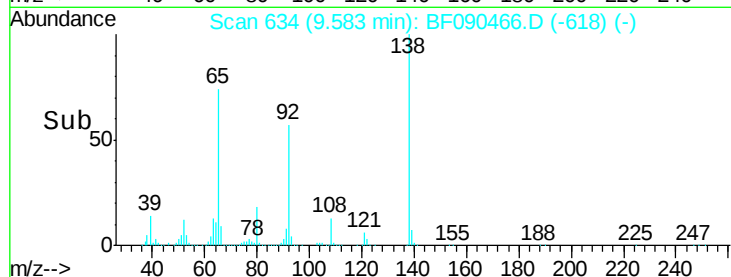
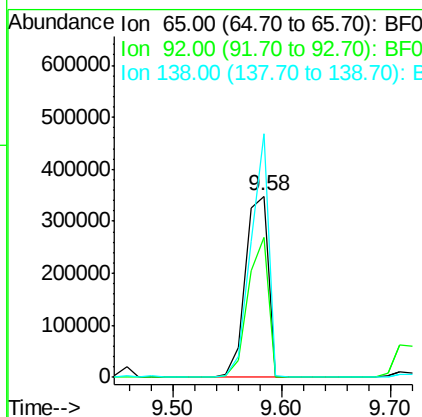
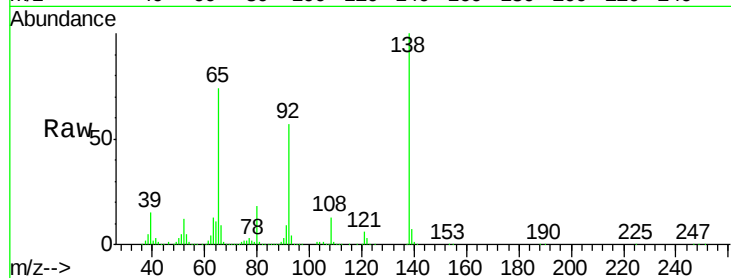
#47
2-Nitroaniline
Concen: 46.22 ng
RT: 9.58 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.1	51.7	77.5
138	134.6	79.0	118.4

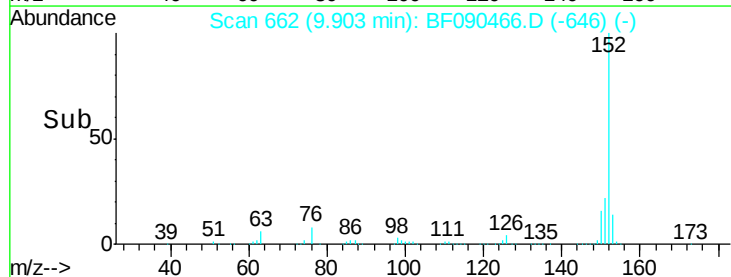
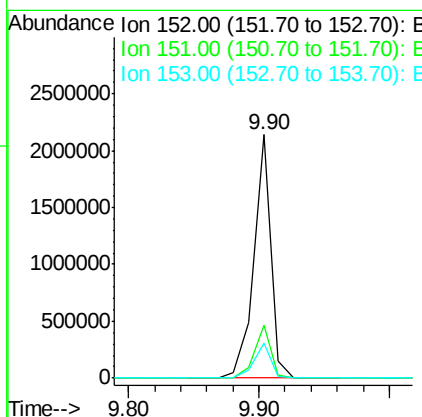
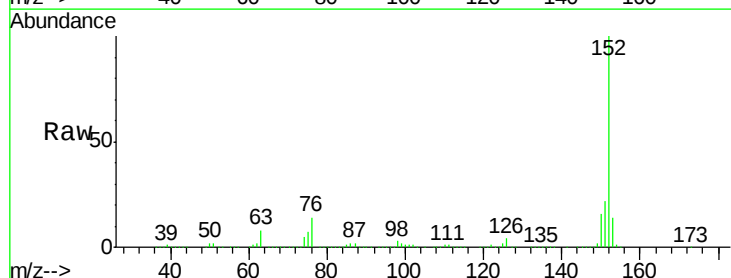
Manual Integrations
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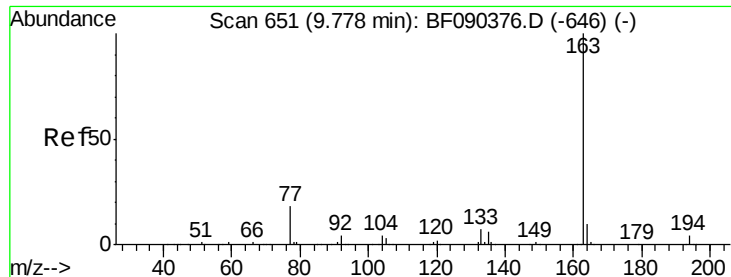
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#48
Acenaphthylene
Concen: 42.24 ng
RT: 9.90 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.0
153	14.3	11.6	17.4





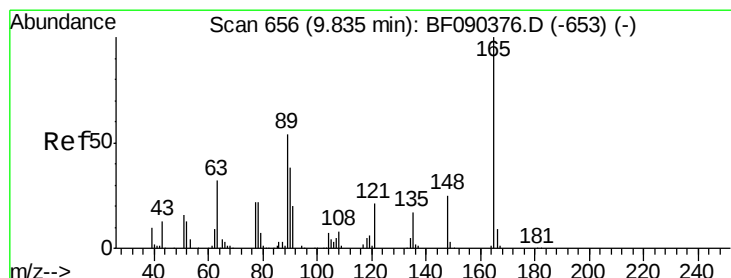
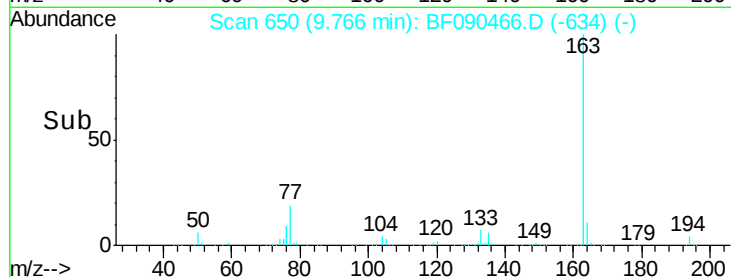
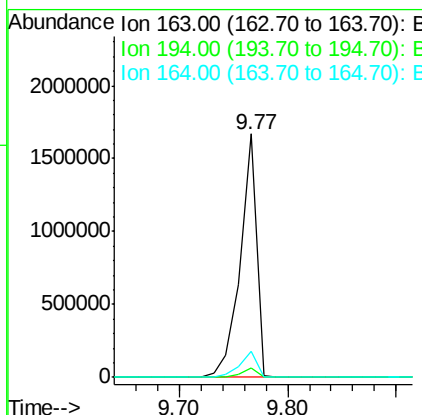
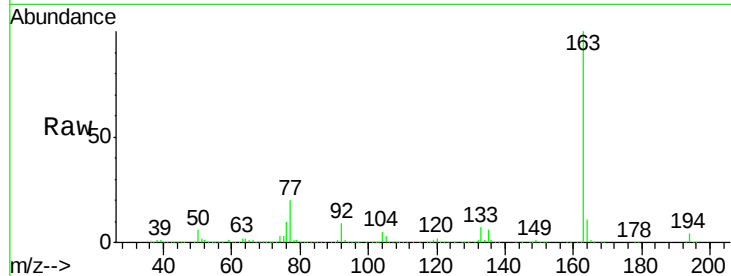
#49
Dimethylphthalate
Concen: 53.06 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion:163 Resp: 1724188
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.6 9.0 13.4

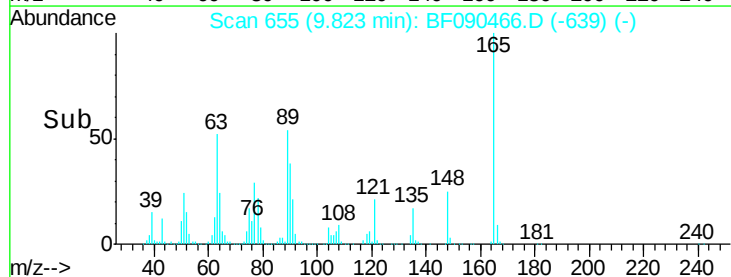
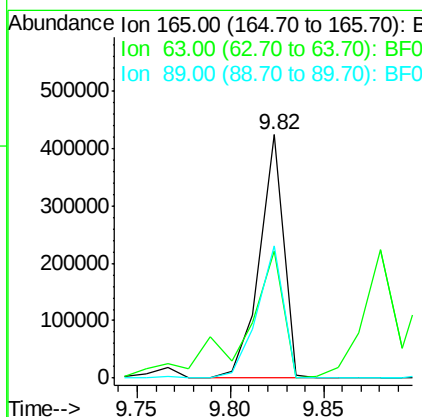
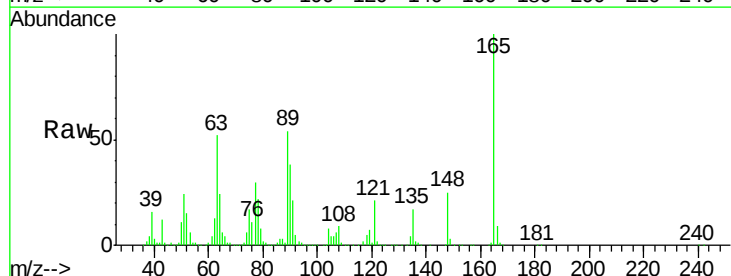
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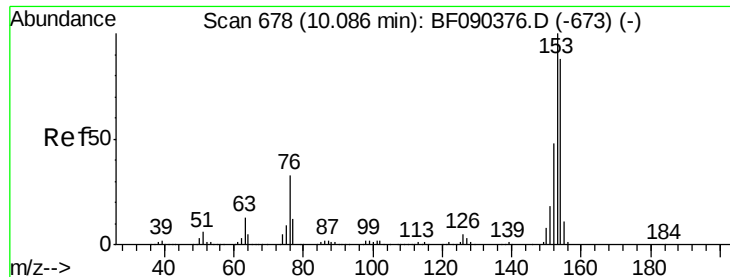
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#50
2,6-Dinitrotoluene
Concen: 52.59 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:165 Resp: 379418
Ion Ratio Lower Upper
165 100
63 52.2 58.0 87.0#
89 54.1 51.2 76.8





#51

Acenaphthene

Concen: 45.46 ng

RT: 10.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion:154 Resp: 1299143

Ion Ratio Lower Upper

154 100

153 113.7 88.6 133.0

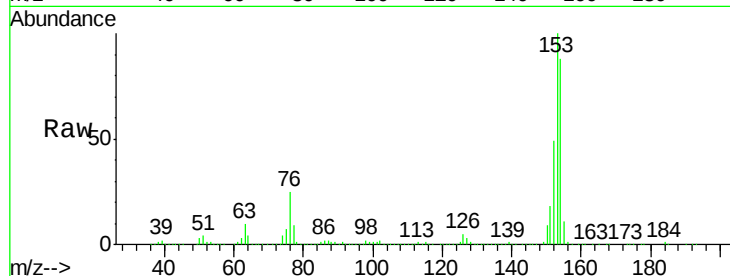
152 55.2 42.6 64.0

Manual Integrations

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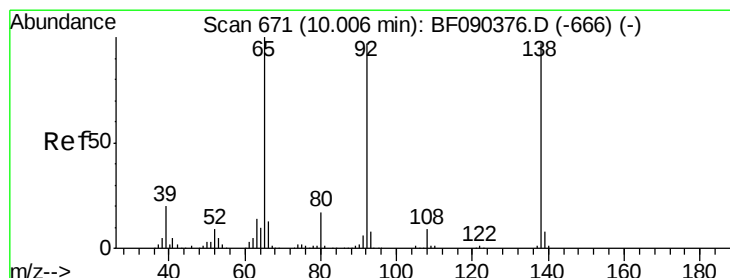
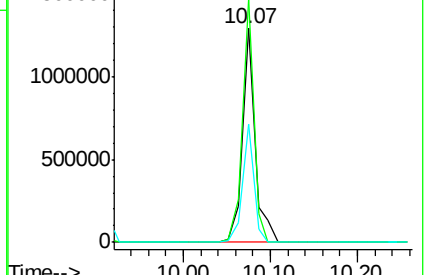
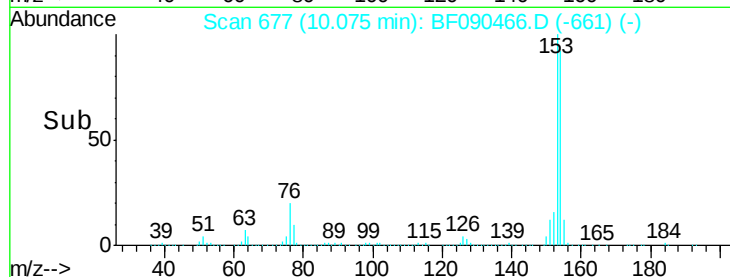
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.01 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

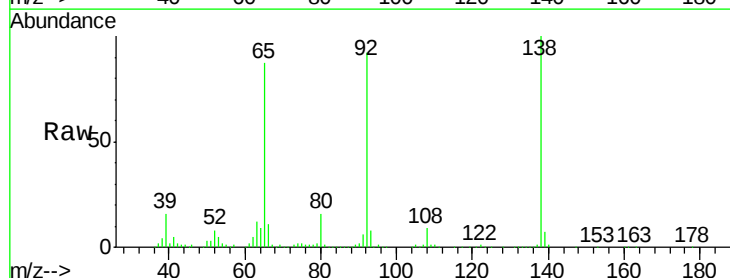
Tgt Ion:138 Resp: 244476

Ion Ratio Lower Upper

138 100

108 8.8 9.7 14.5#

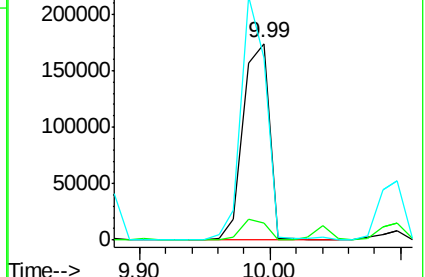
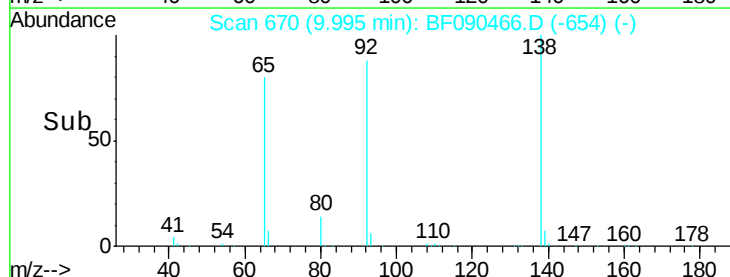
92 92.4 97.1 145.7#

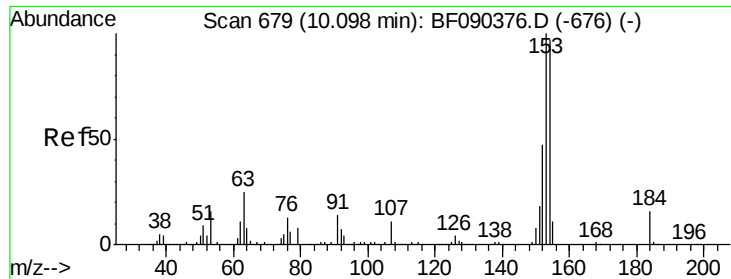


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





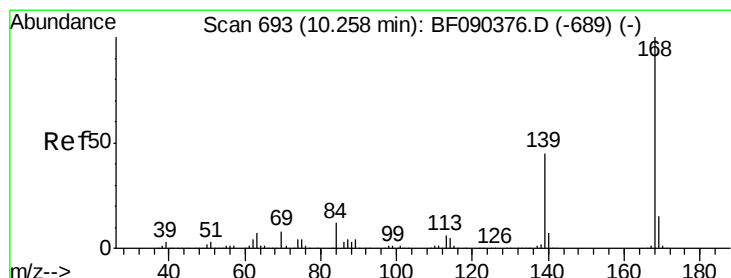
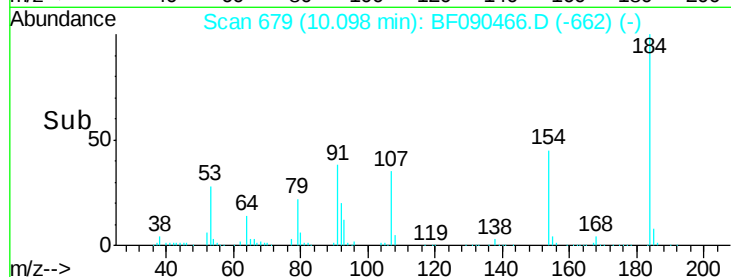
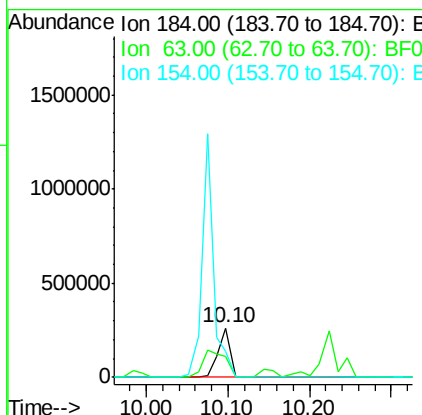
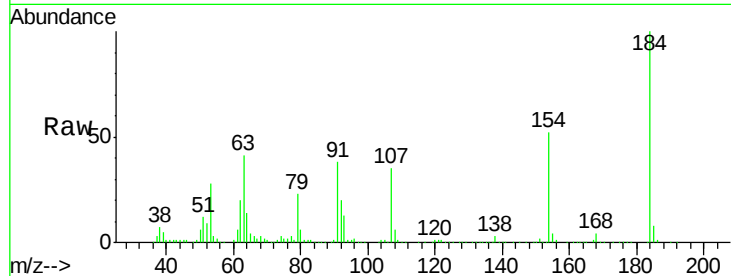
#53
2,4-Dinitrophenol
Concen: 83.67 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion:184 Resp: 269144
Ion Ratio Lower Upper
184 100
63 41.4 41.9 62.9#
154 52.4 48.9 73.3

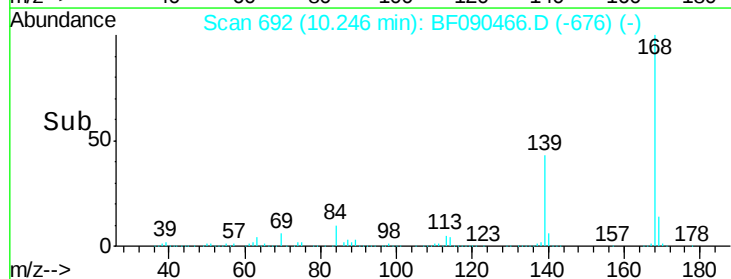
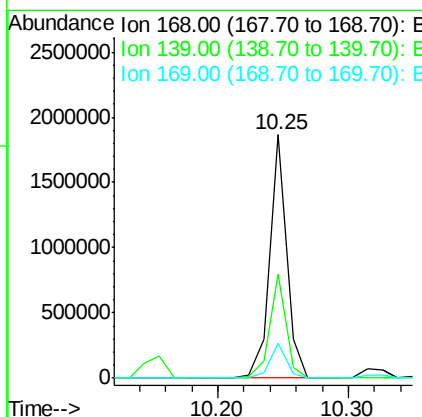
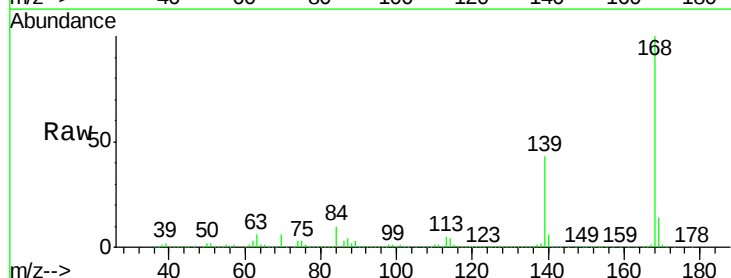
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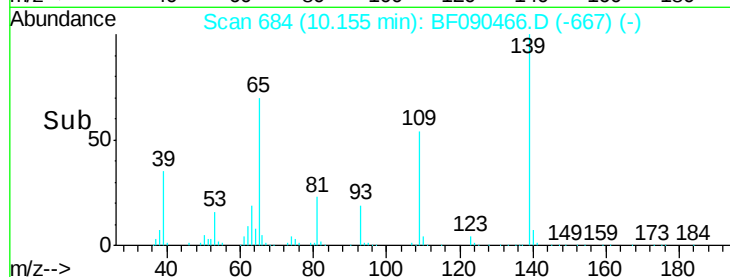
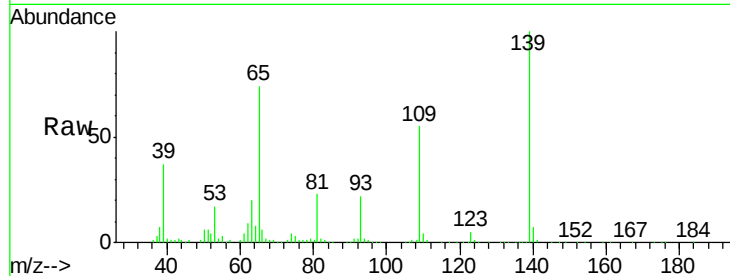
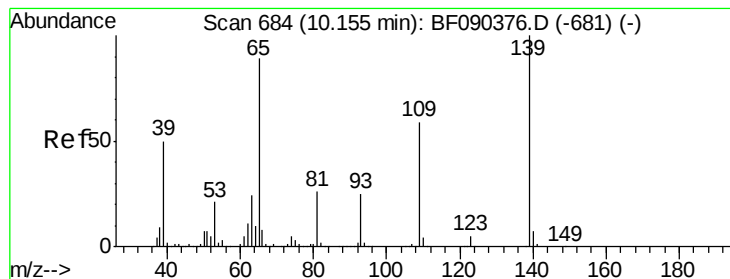
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#54
Dibenzofuran
Concen: 46.02 ng
RT: 10.25 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion:168 Resp: 1702507
Ion Ratio Lower Upper
168 100
139 42.7 29.6 44.4
169 14.4 11.3 16.9





#55

4-Nitrophenol

Concen: 28.31 ng

RT: 10.15 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	139	Resp:	208742
Ion Ratio	Lower	Upper	
139	100		
109	54.6	43.6	83.6
65	74.1	87.5	127.5#

Instrument :

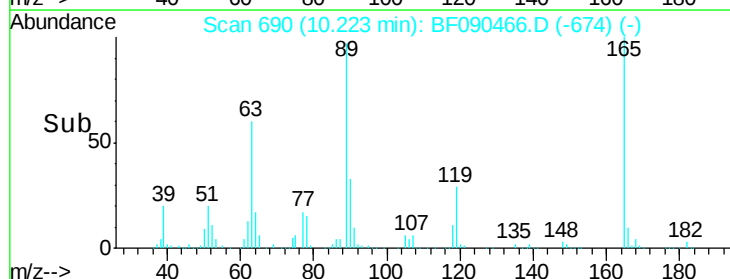
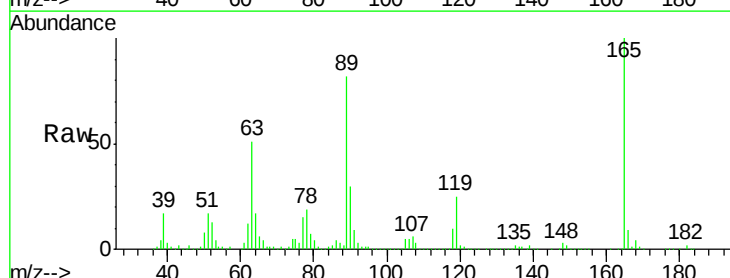
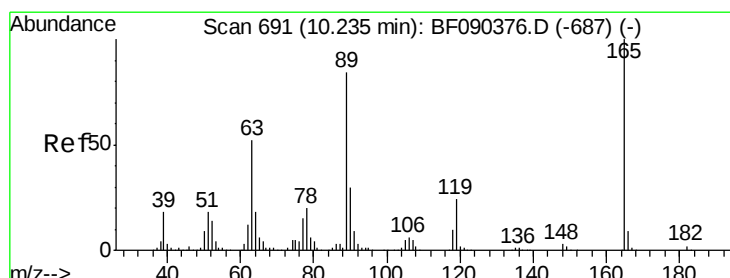
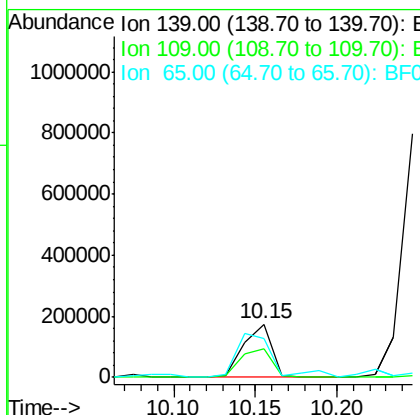
BNA_F

ClientSampleId :

RAV-GT-104MS

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#56

2,4-Dinitrotoluene

Concen: 46.12 ng

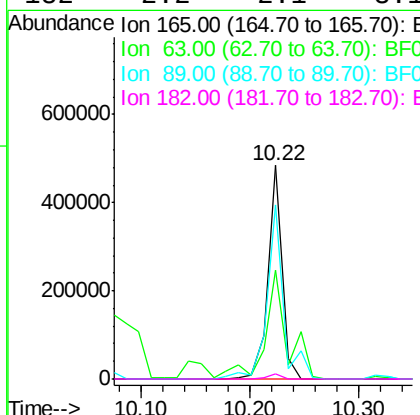
RT: 10.22 min Scan# 690

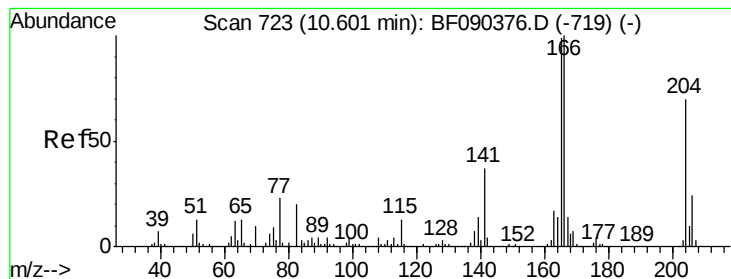
Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	165	Resp:	442837
Ion Ratio	Lower	Upper	
165	100		
63	50.8	17.8	26.6#
89	81.8	33.2	49.8#
182	2.2	2.1	3.1





#57

Fluorene

Concen: 42.79 ng

RT: 10.59 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion:166 Resp: 1330128

Ion Ratio Lower Upper

166 100

165 98.7 79.2 118.8

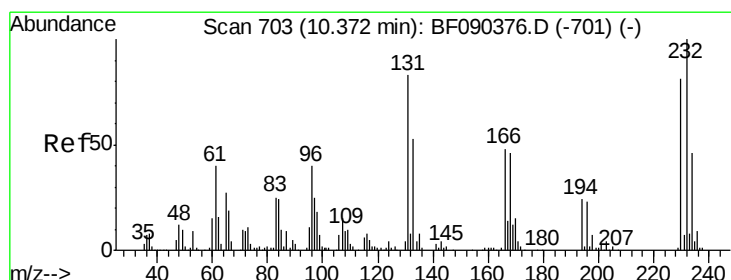
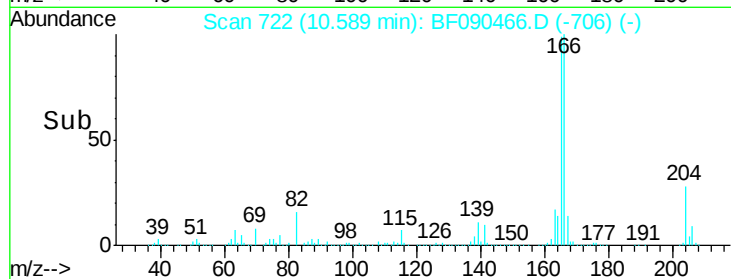
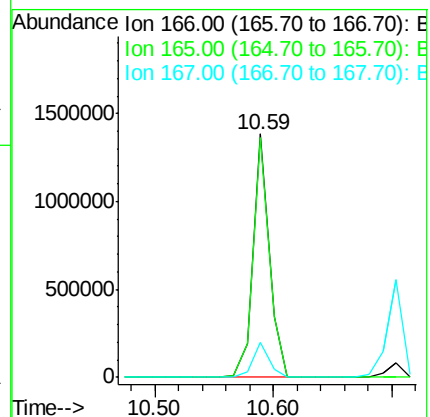
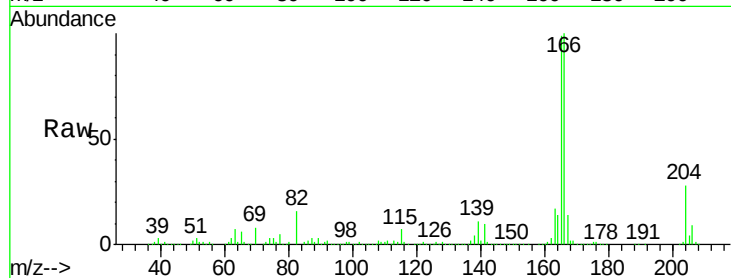
167 14.2 11.1 16.7

Manual Integrations

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.03 ng

RT: 10.36 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:232 Resp: 319623

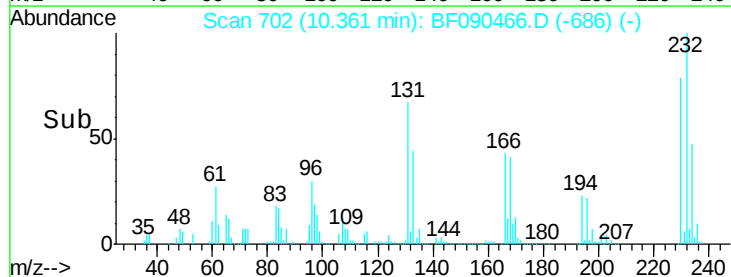
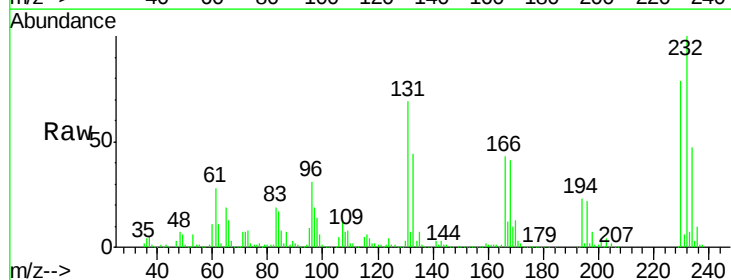
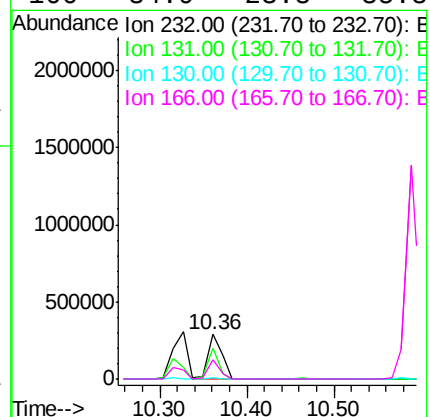
Ion Ratio Lower Upper

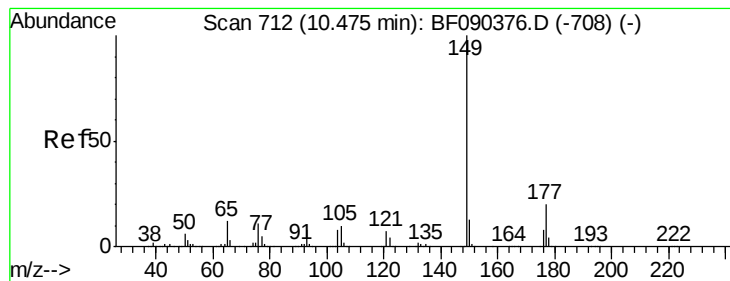
232 100

131 53.5 34.5 51.7#

130 2.6 1.6 2.4#

166 34.9 23.8 35.8





#59

Diethylphthalate

Concen: 47.42 ng

RT: 10.46 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion:149 Resp: 1594419

Ion Ratio Lower Upper

149 100

177 22.6 21.1 31.7

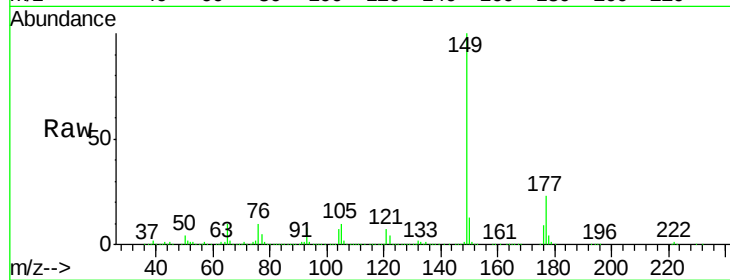
150 13.0 10.2 15.2

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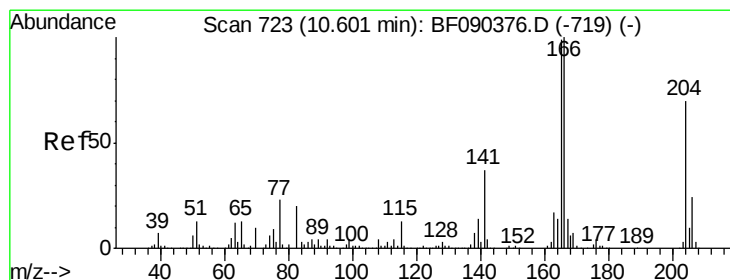
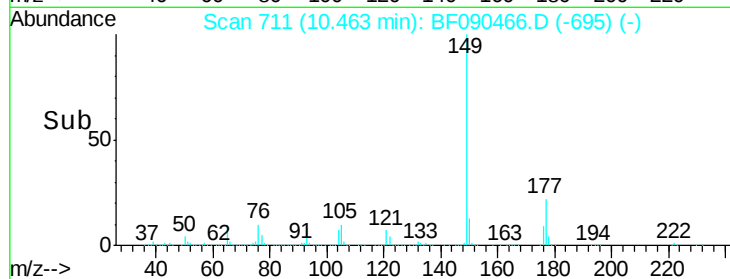
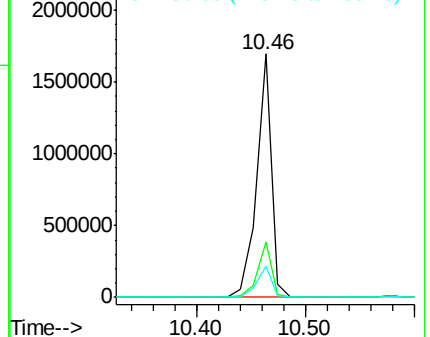
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.34 ng

RT: 10.58 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

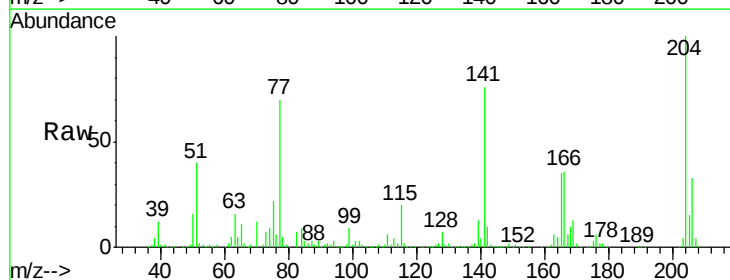
Tgt Ion:204 Resp: 654988

Ion Ratio Lower Upper

204 100

206 33.1 26.7 40.1

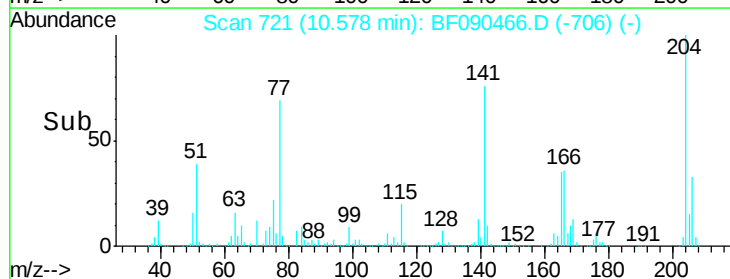
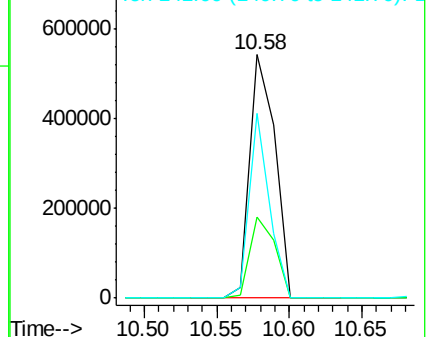
141 75.9 51.7 77.5

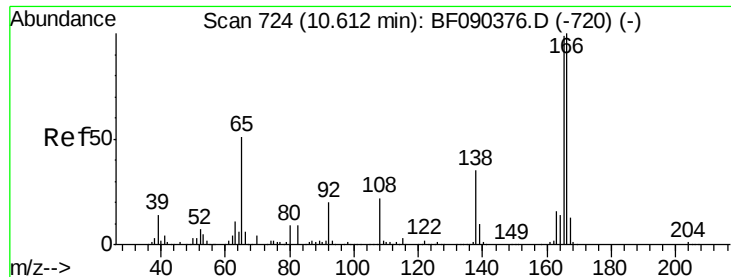


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





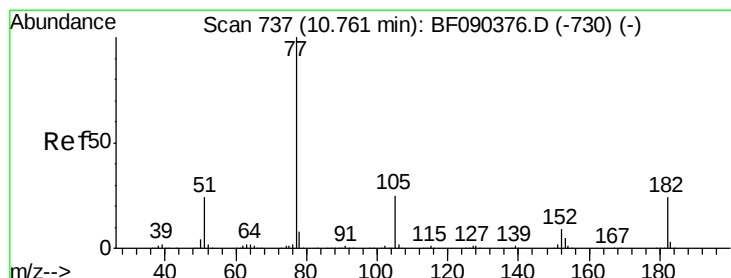
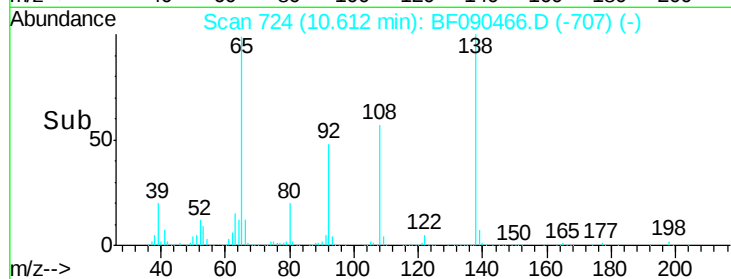
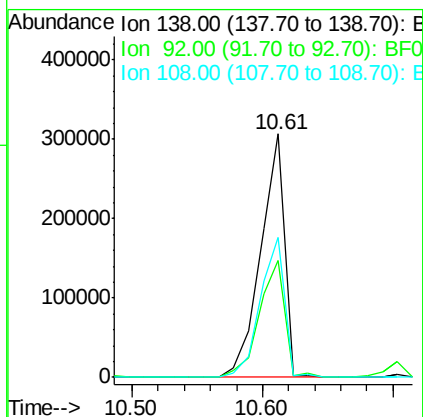
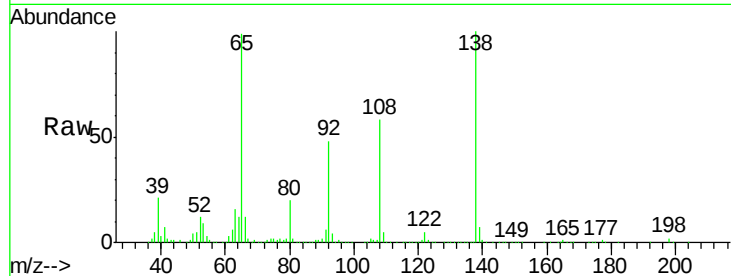
#61
4-Nitroaniline
Concen: 46.25 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	392686		
92	48.1	33.2	73.2	
108	57.5	48.5	88.5	

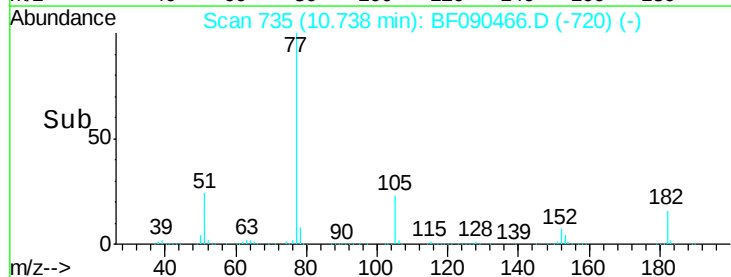
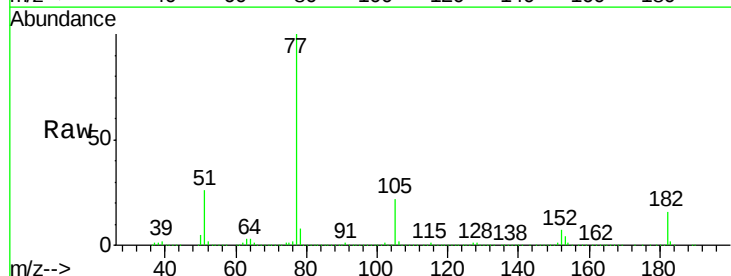
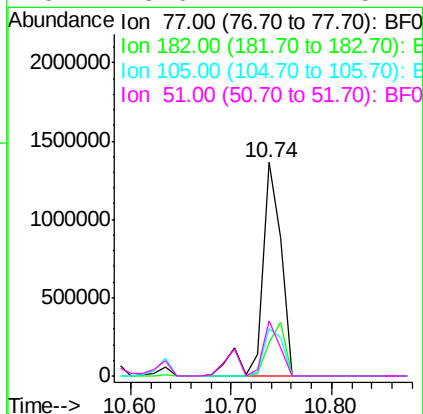
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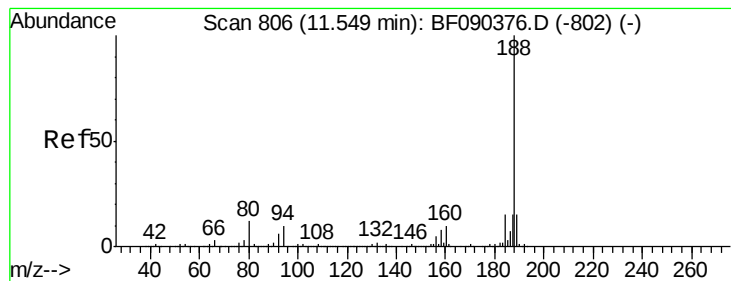
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#62
Azobenzene
Concen: 46.86 ng
RT: 10.74 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1819763		
182	15.7	3.2	43.2	
105	22.1	2.9	42.9	
51	25.6	14.2	54.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.53 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

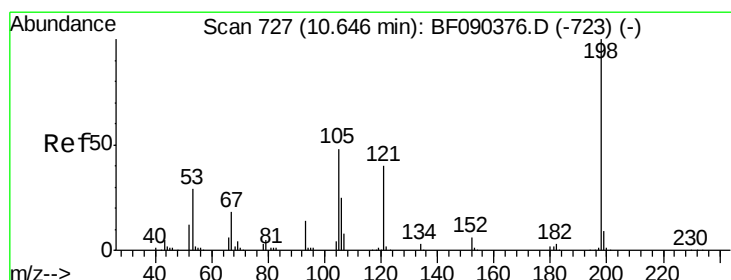
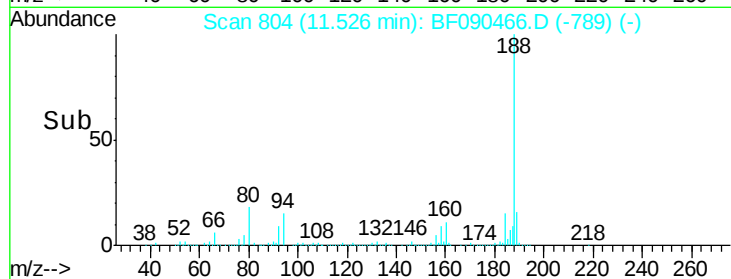
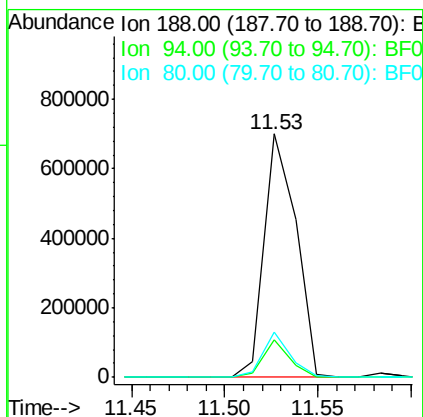
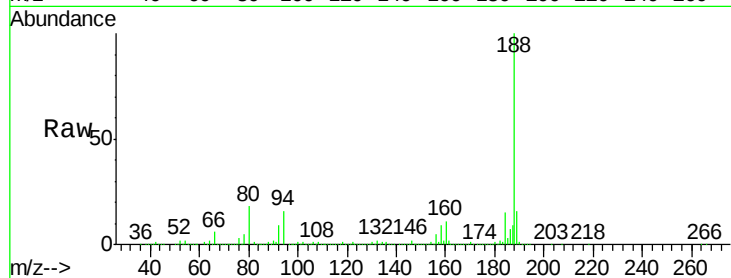
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	188	Resp:	827981
Ion Ratio	Lower	Upper	
188	100		
94	15.6	8.2	12.2#
80	18.5	8.8	13.2#

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.52 ng

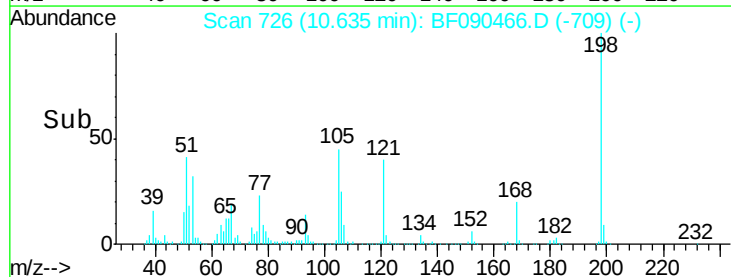
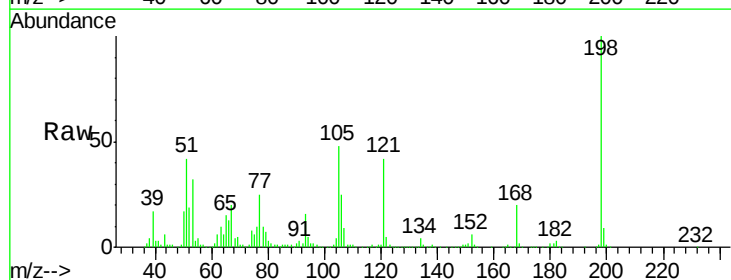
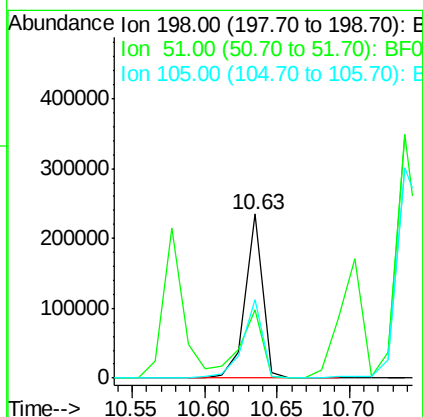
RT: 10.63 min Scan# 726

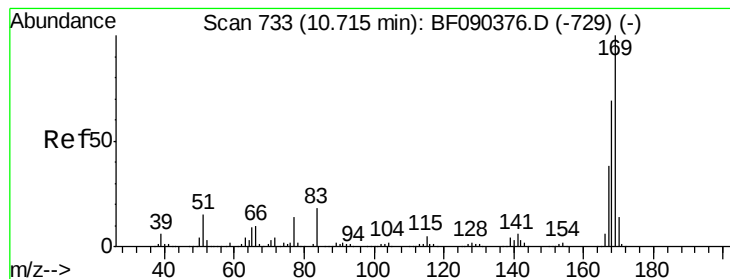
Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	198	Resp:	195947
Ion Ratio	Lower	Upper	
198	100		
51	41.9	67.3	107.3#
105	48.0	42.6	82.6





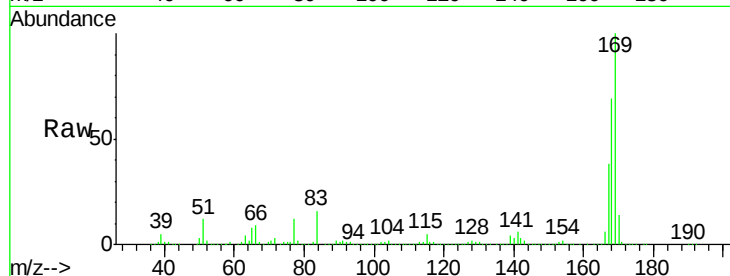
#65
n-Nitrosodiphenylamine
Concen: 47.81 ng
RT: 10.70 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

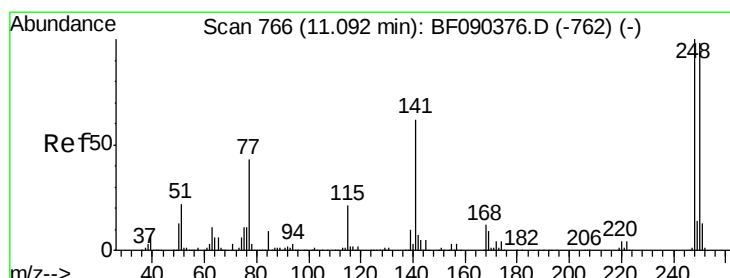
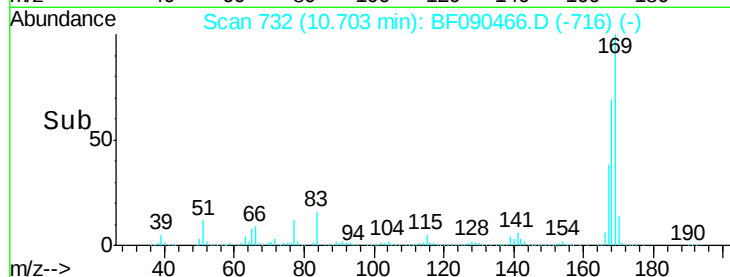
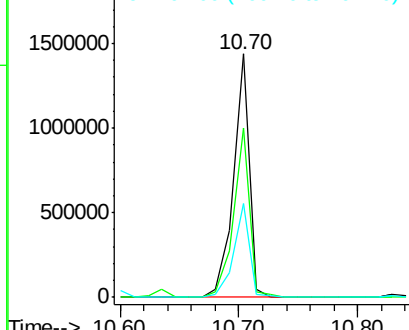
Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.5	53.8	80.6
167	38.4	29.8	44.8

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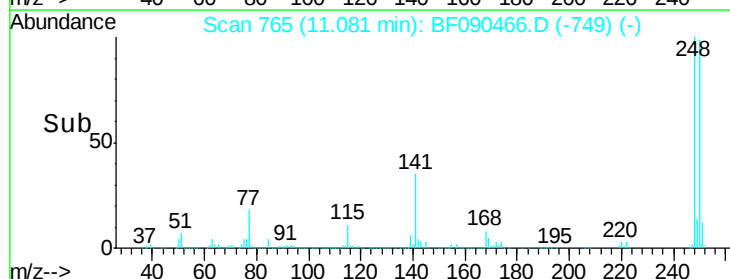
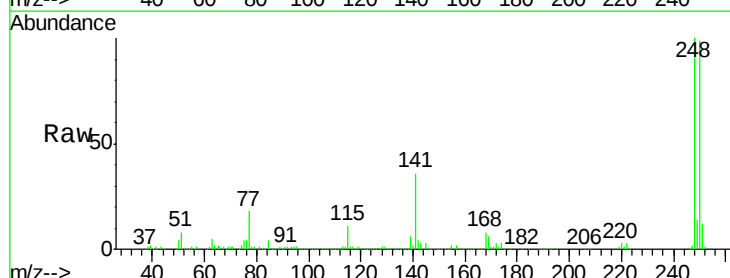
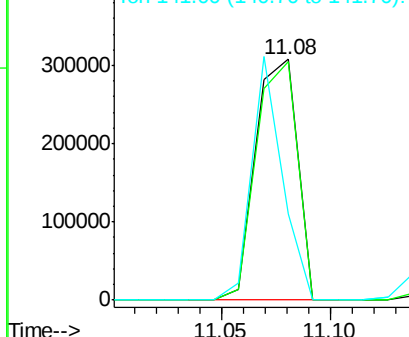
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

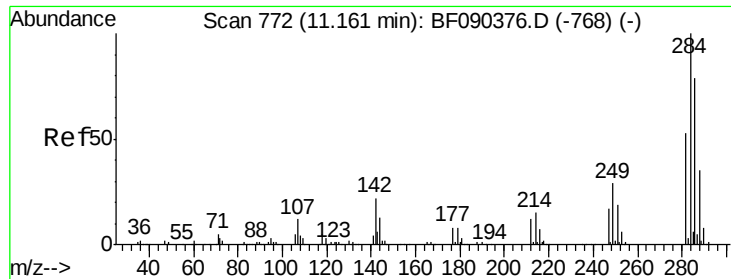


#66
4-Bromophenyl-phenylether
Concen: 50.95 ng
RT: 11.08 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.5	114.7
141	36.1	59.8	89.6#

Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





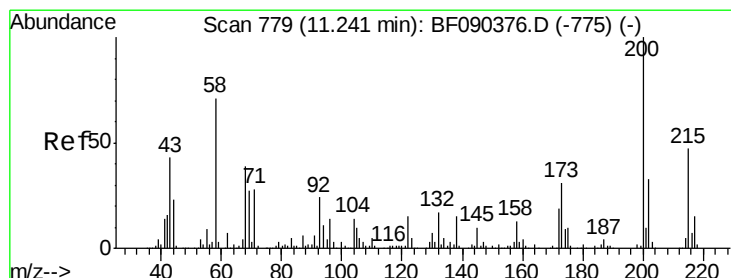
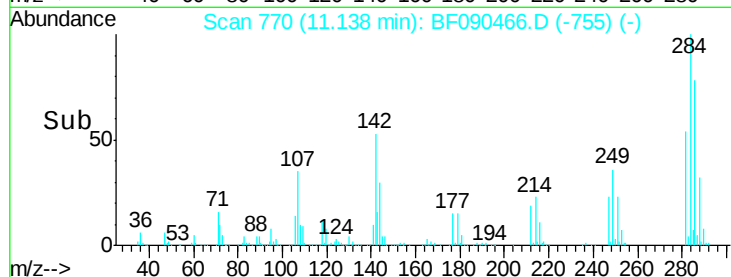
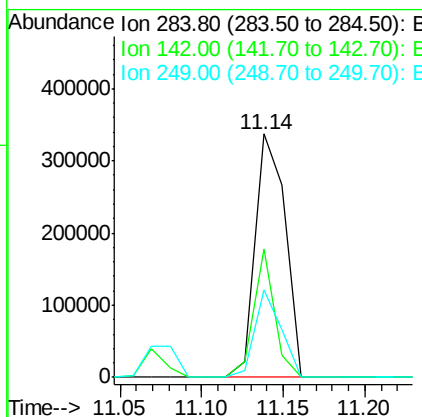
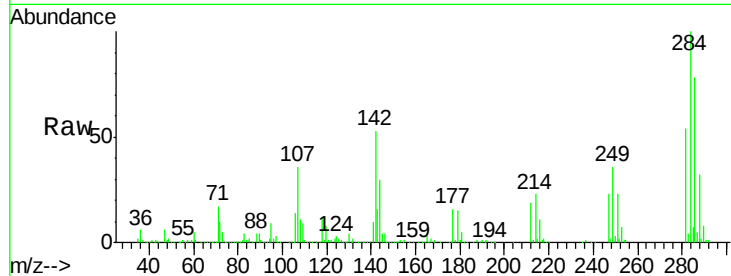
#67
Hexachlorobenzene
Concen: 47.65 ng
RT: 11.14 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	430709		
142	52.8	23.1	34.7#	
249	35.9	26.3	39.5	

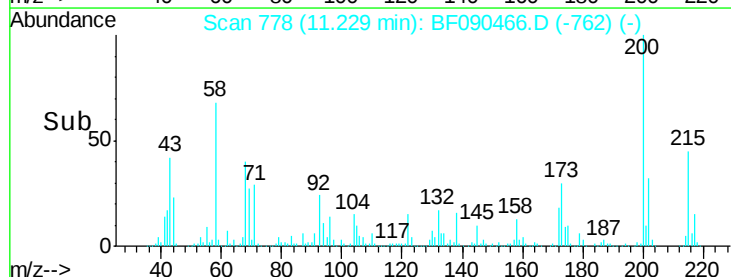
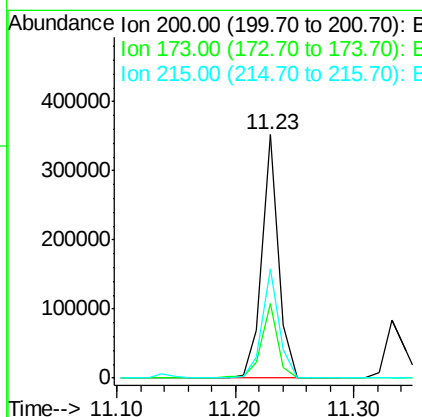
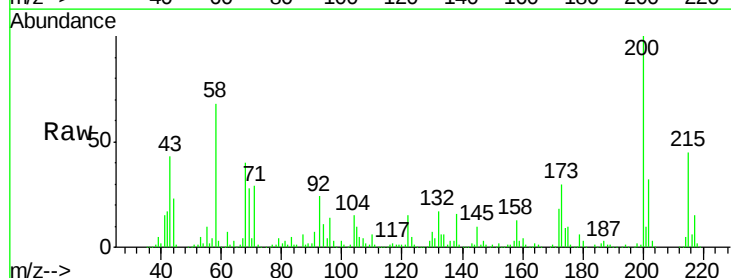
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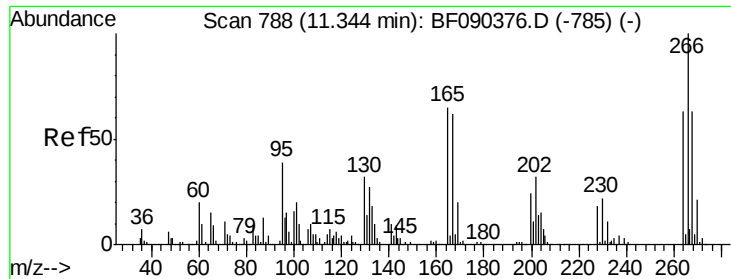
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#68
Atrazine
Concen: 50.72 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	347030		
173	30.4	9.0	49.0	
215	44.9	24.8	64.8	





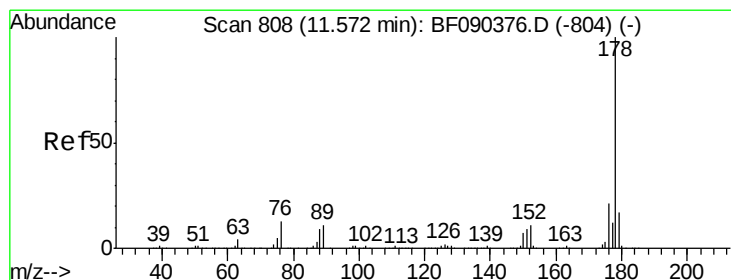
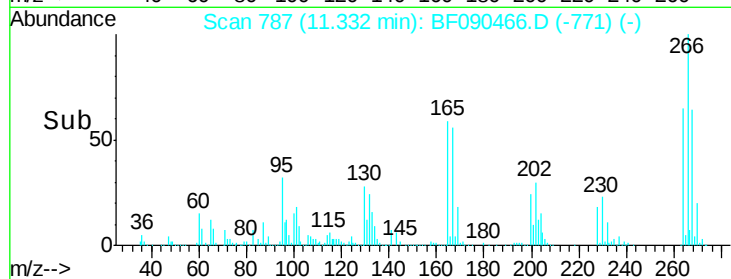
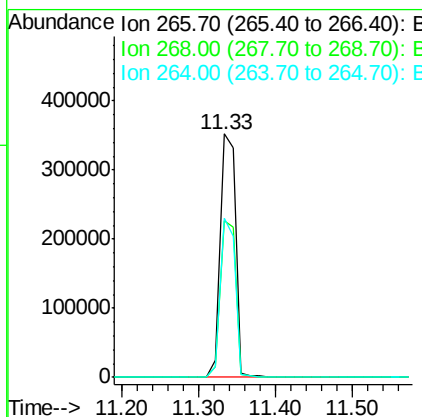
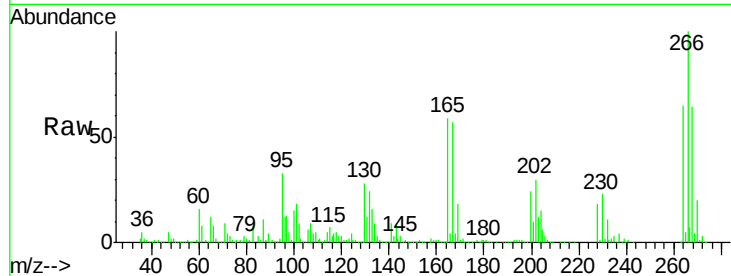
#69
 Pentachlorophenol
 Concen: 92.82 ng
 RT: 11.33 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	499368		
268	64.3	50.9	76.3	
264	65.2	51.5	77.3	

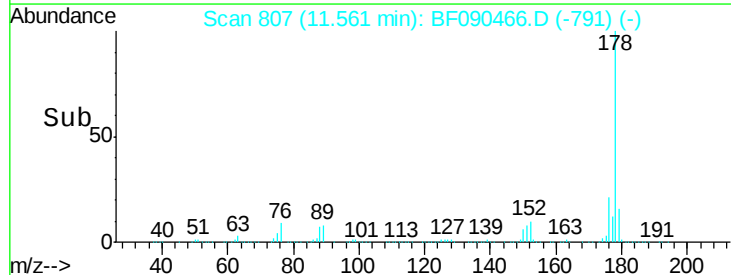
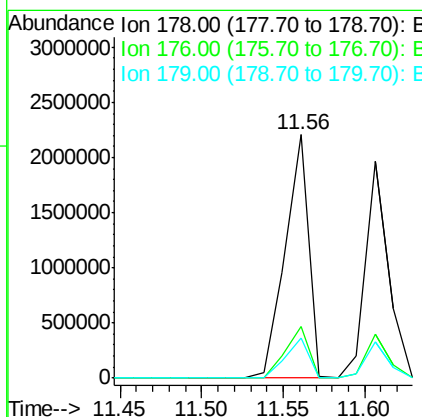
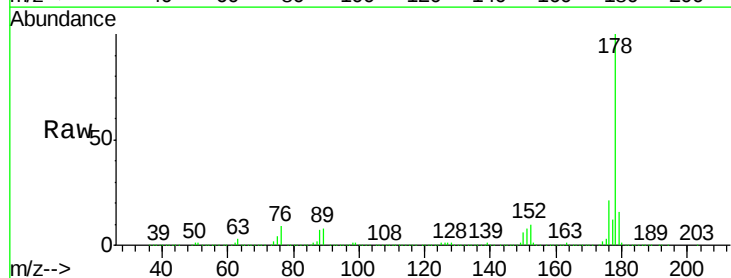
Manual Integrations
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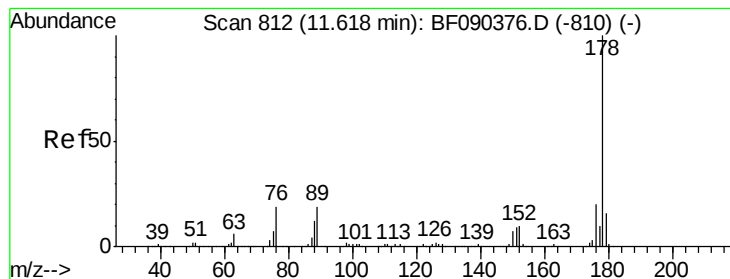
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#70
 Phenanthrene
 Concen: 52.43 ng
 RT: 11.56 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2222816		
176	21.1	17.3	25.9	
179	16.4	13.8	20.6	





#71

Anthracene

Concen: 44.65 ng

RT: 11.61 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion:178 Resp: 1933170

Ion Ratio Lower Upper

178 100

176 20.4 16.8 25.2

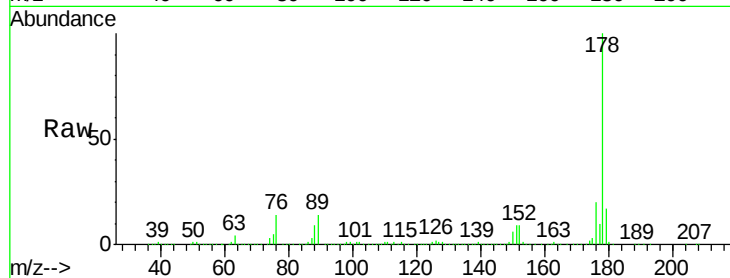
179 16.7 13.4 20.2

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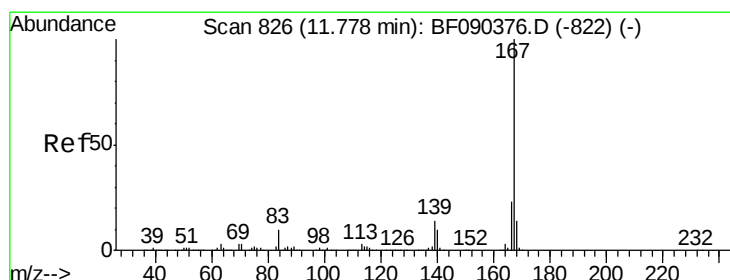
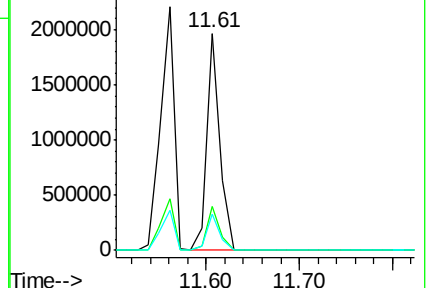
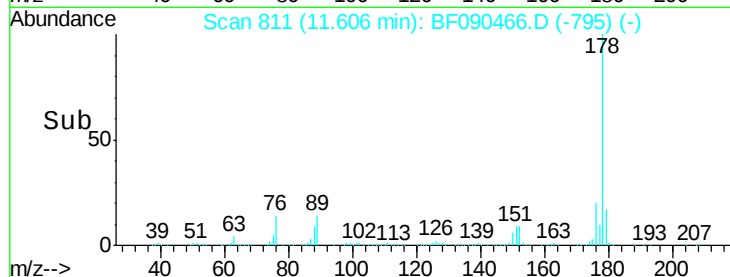
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.30 ng

RT: 11.77 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

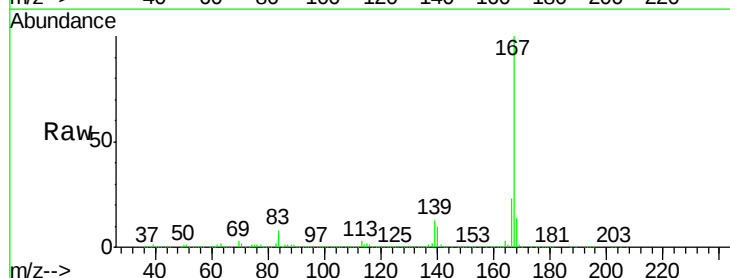
Tgt Ion:167 Resp: 2023251

Ion Ratio Lower Upper

167 100

166 22.8 19.1 28.7

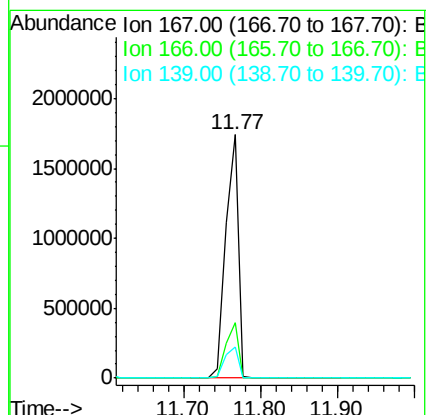
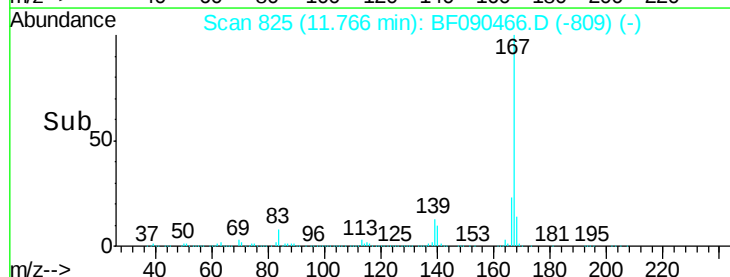
139 12.9 12.1 18.1

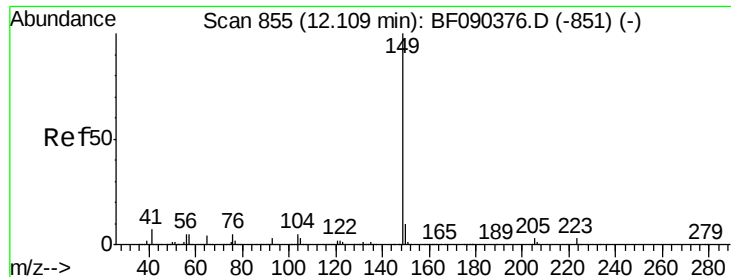


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.85 ng

RT: 12.10 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

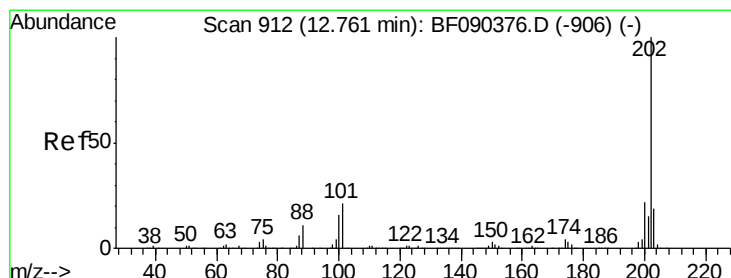
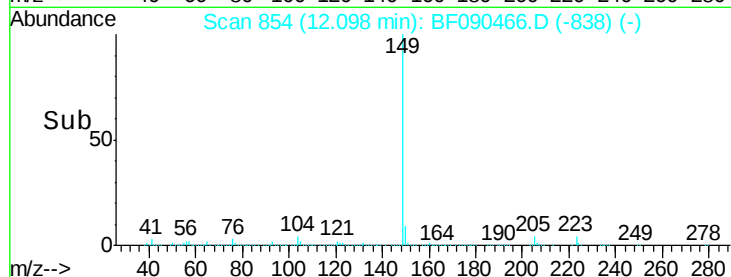
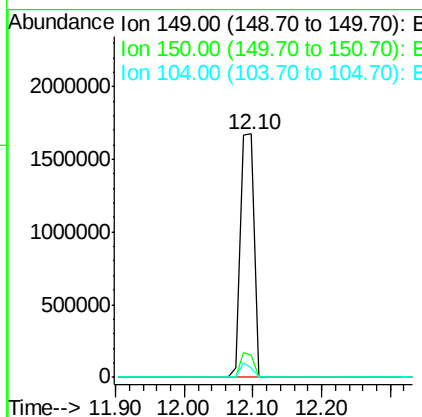
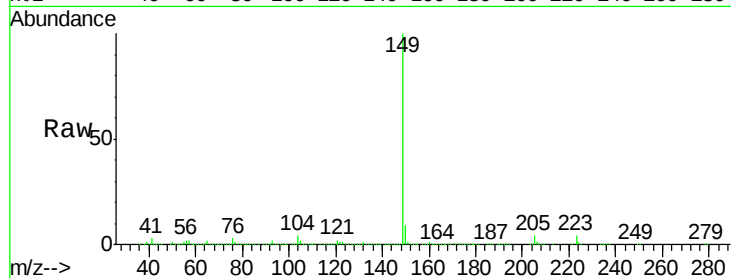
ClientSampleId :

RAV-GT-104MS

Tgt Ion:	149	Resp:	2342623
Ion Ratio	Lower	Upper	
149	100		
150	9.2	8.6	12.8
104	3.6	4.7	7.1#

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#74

Fluoranthene

Concen: 49.02 ng

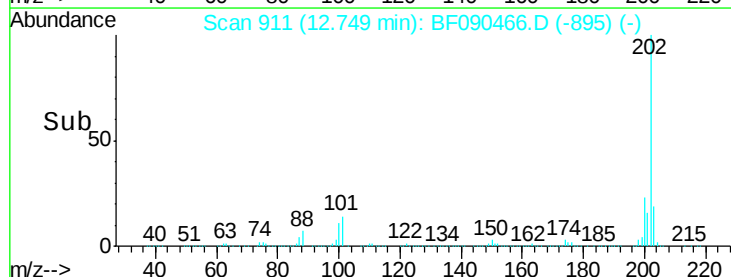
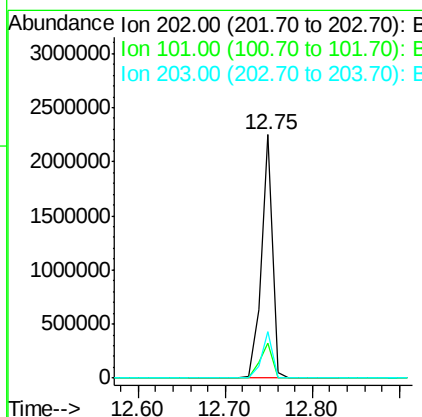
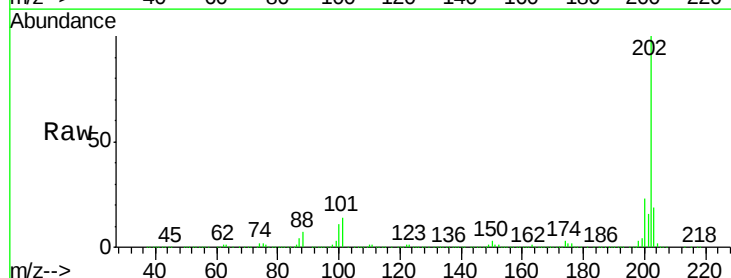
RT: 12.75 min Scan# 911

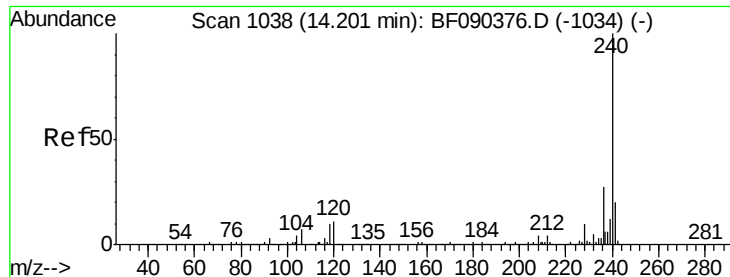
Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion:	202	Resp:	2038594
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	37.2
203	19.1	0.0	39.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

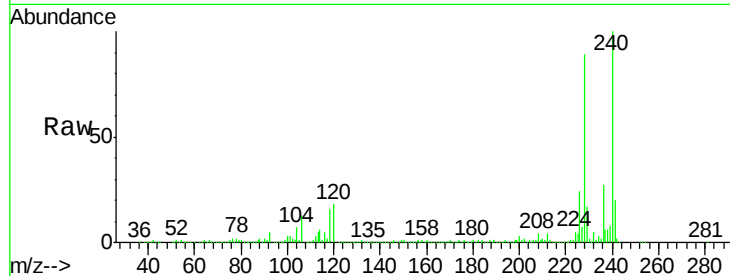
ClientSampleId :

RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	566812		
120	17.7	8.6	13.0#	
236	27.3	21.6	32.4	

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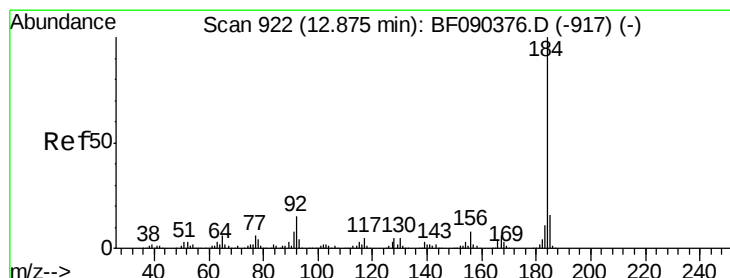
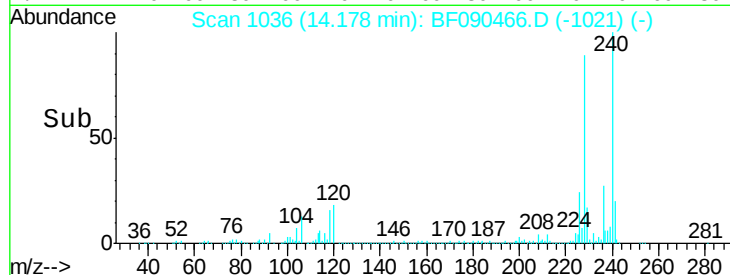
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.18

Time-->



#76

Benzidine

Concen: 39.49 ng

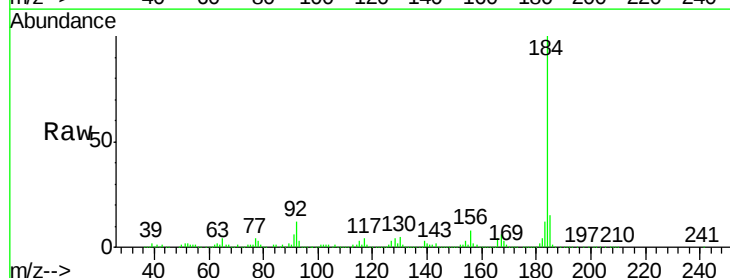
RT: 12.86 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	588468		
185	14.9	11.8	17.8	
183	11.7	9.6	14.4	



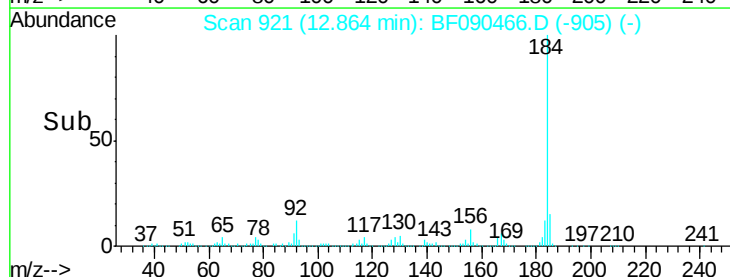
Abundance Ion 184.00 (183.70 to 184.70): E

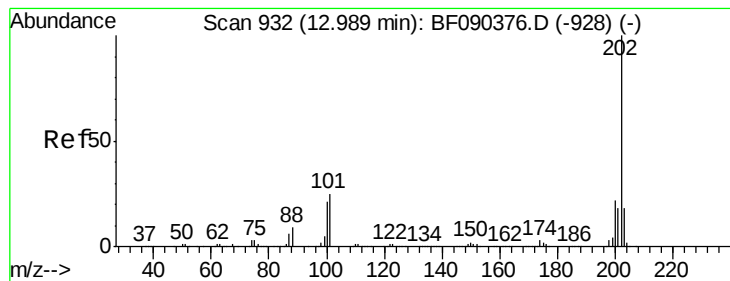
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.86

Time-->





#77

Pyrene

Concen: 50.85 ng

RT: 12.98 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

Instrument :

BNA_F

ClientSampleId :

RAV-GT-104MS

Tgt Ion:202 Resp: 1921906

Ion Ratio Lower Upper

202 100

200 22.9 18.5 27.7

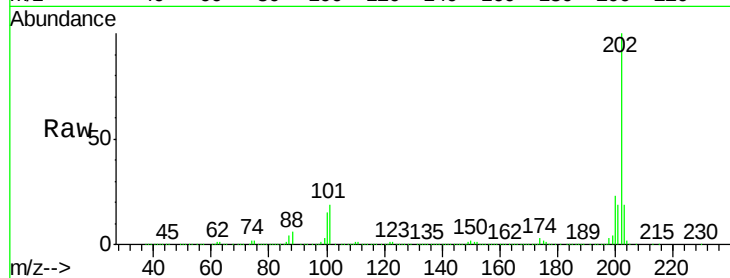
203 19.0 15.0 22.6

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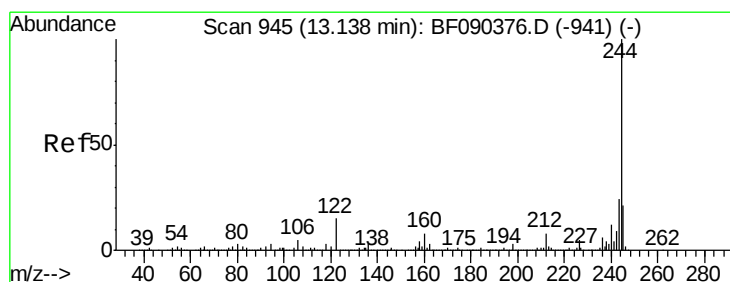
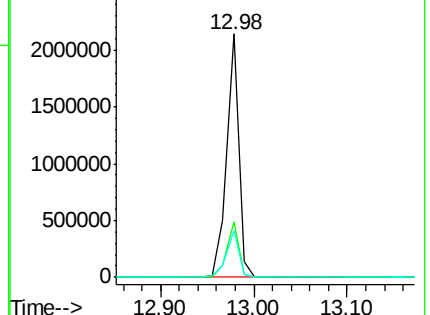
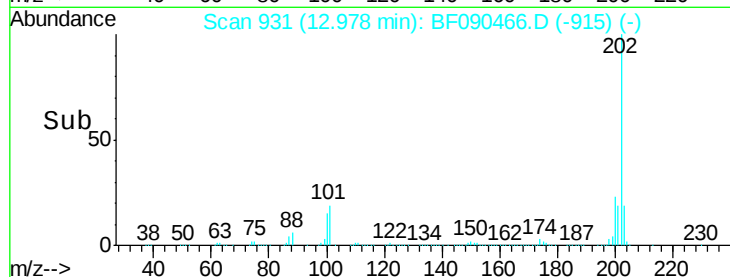
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 100.66 ng

RT: 13.13 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF090466.D

Acq: 8 Oct 2016 4:36

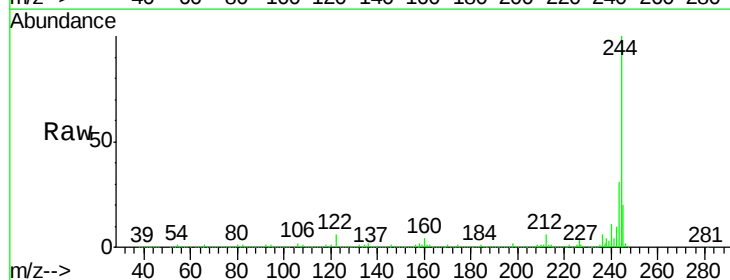
Tgt Ion:244 Resp: 2537841

Ion Ratio Lower Upper

244 100

212 6.3 6.8 10.2#

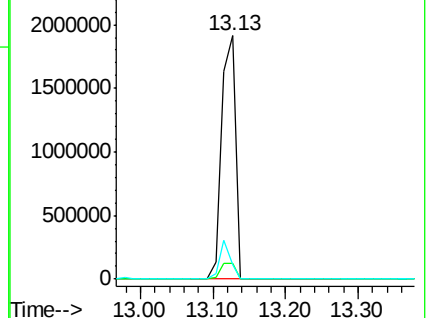
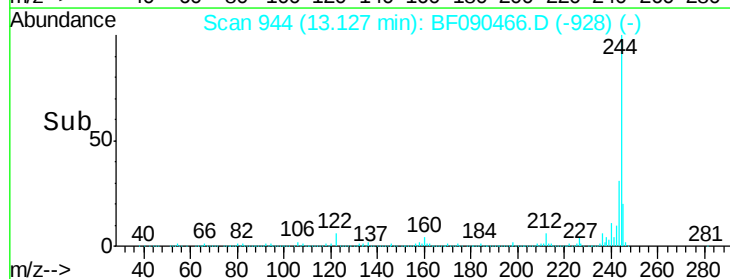
122 5.9 13.3 19.9#

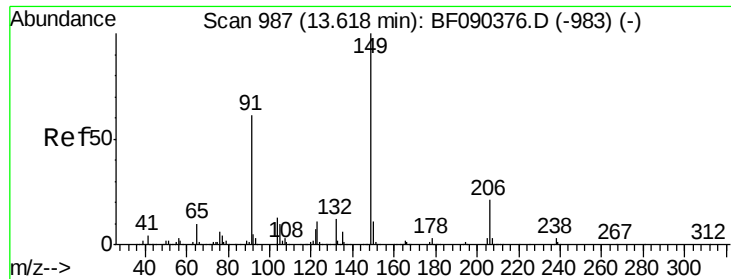


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





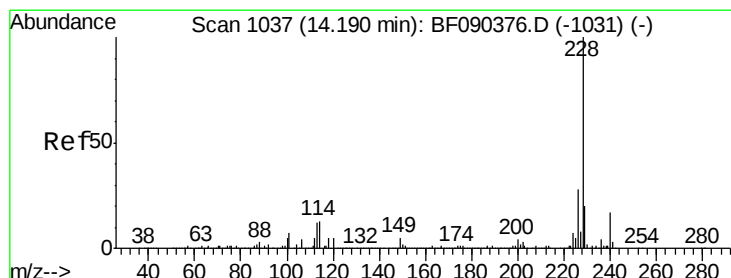
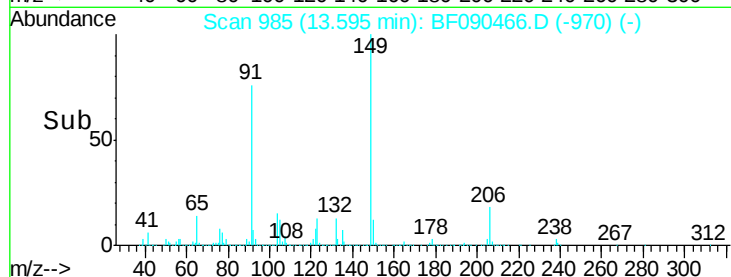
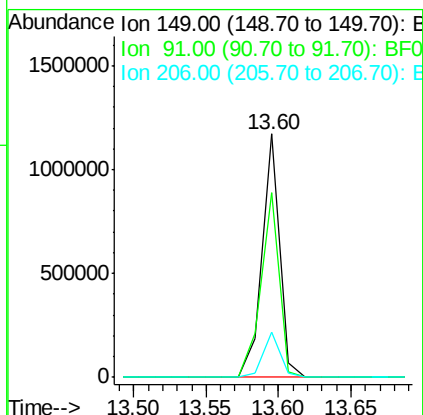
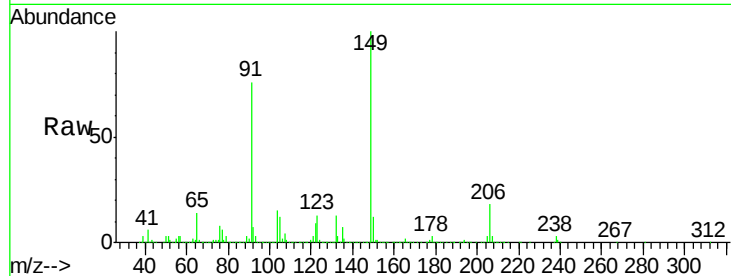
#79
Butylbenzylphthalate
Concen: 50.68 ng
RT: 13.60 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	982824		
91	75.8	51.8	77.8	
206	18.3	18.0	27.0	

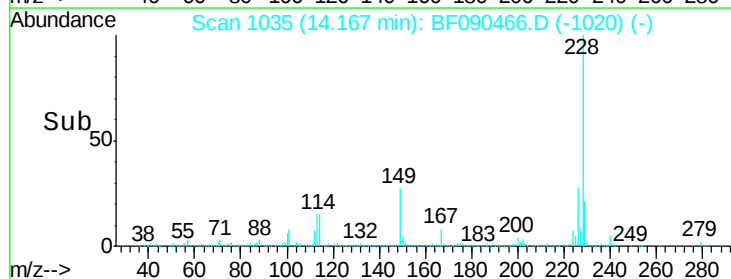
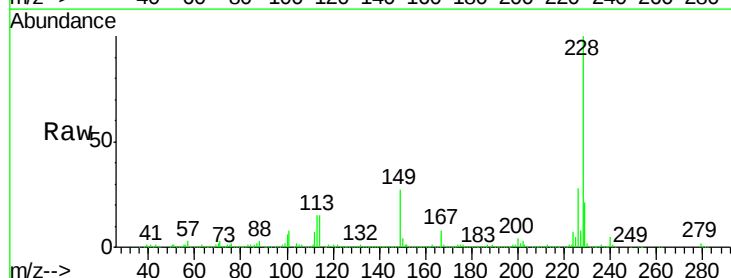
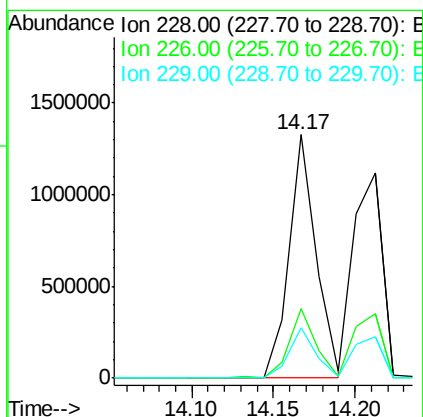
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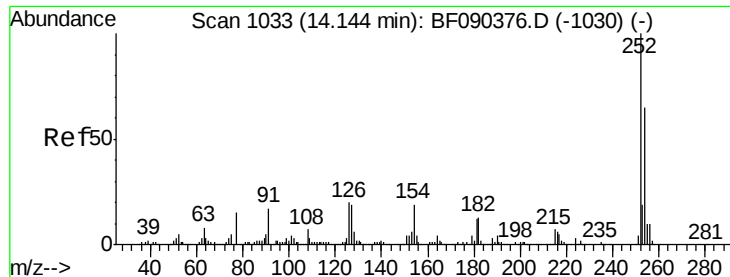
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#80
Benzo(a)anthracene
Concen: 48.45 ng
RT: 14.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1540953		
226	28.5	23.6	35.4	
229	20.8	16.6	25.0	





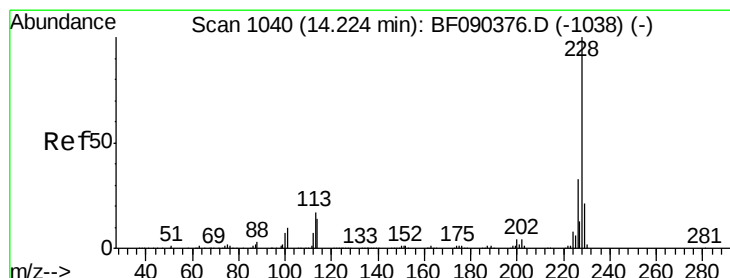
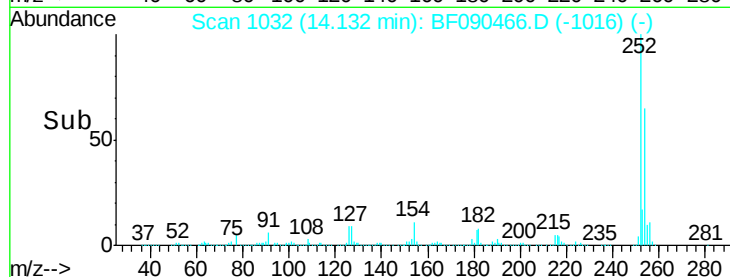
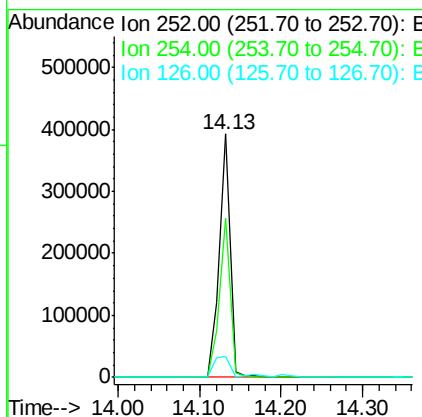
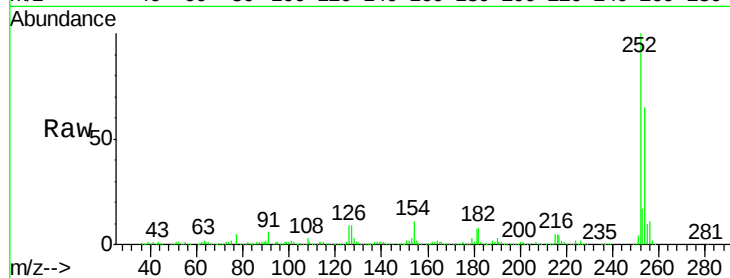
#81
 3,3'-Dichlorobenzidine
 Concen: 31.70 ng
 RT: 14.13 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	52.1	78.1
126	8.8	4.2	6.4

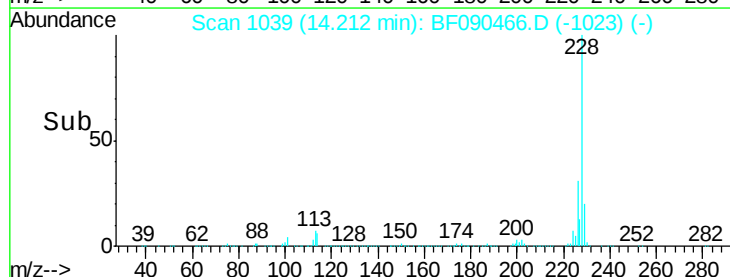
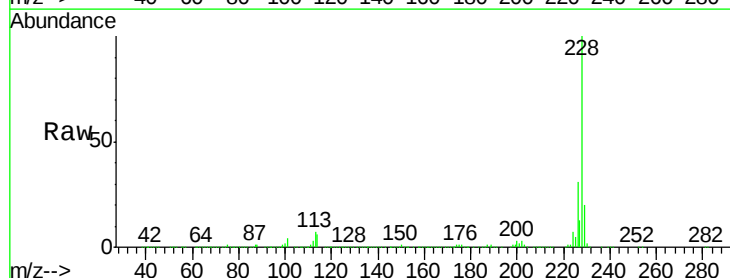
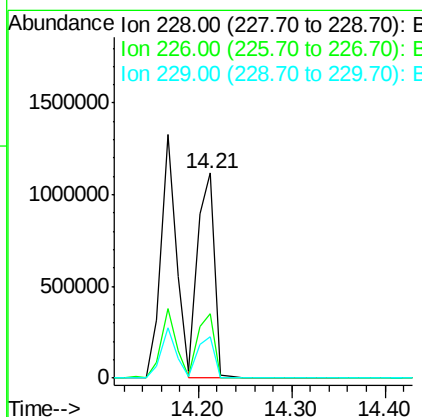
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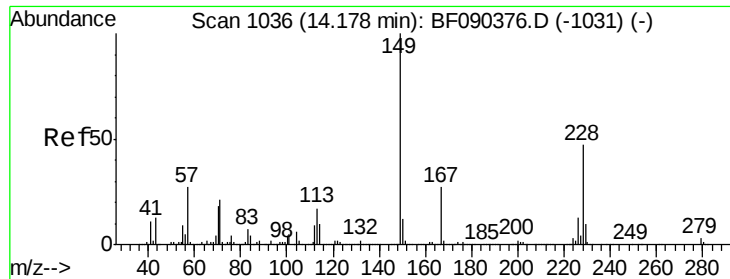
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#82
 Chrysene
 Concen: 47.98 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.1	25.8	38.6
229	20.2	16.9	25.3





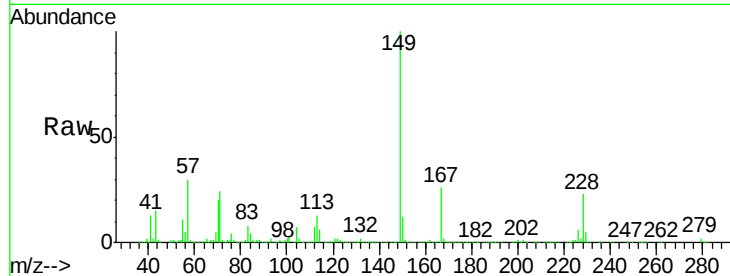
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.15 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

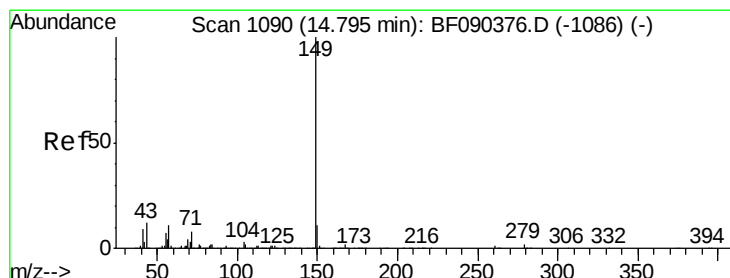
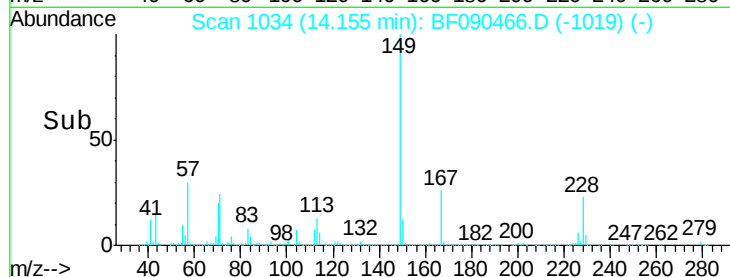
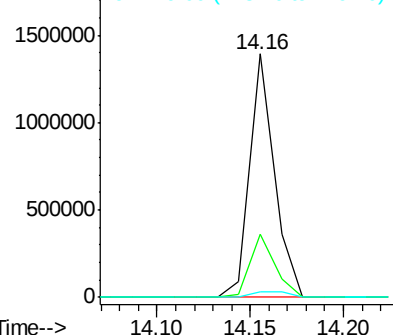
Tgt Ion:149 Resp: 1272135
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.5 32.3
 279 2.2 2.6 3.8#

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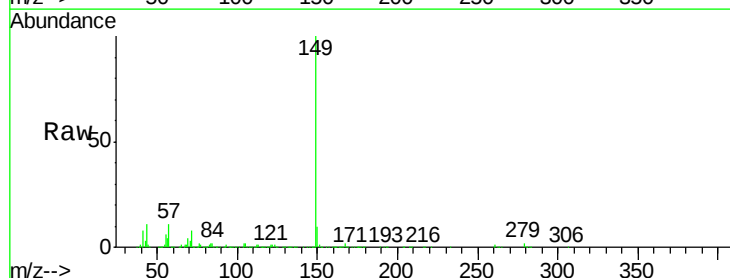


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

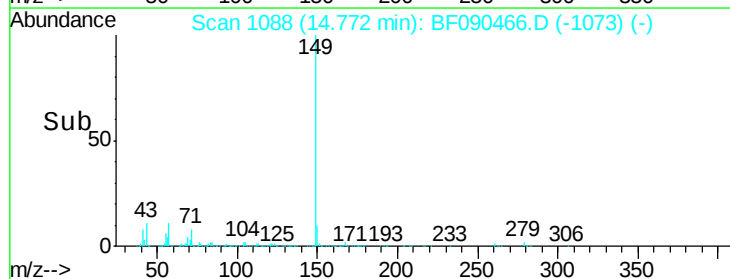
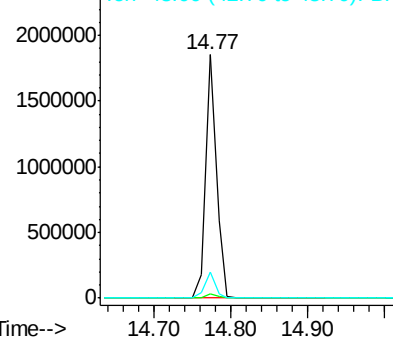


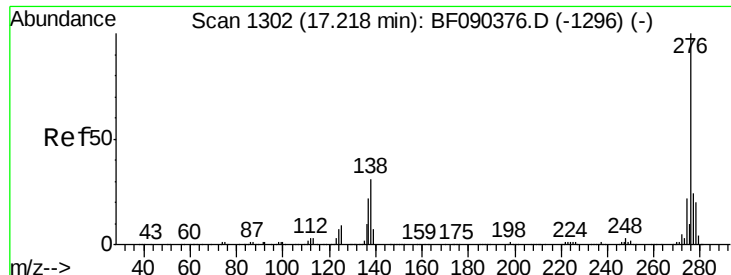
#84
 Di-n-octyl phthalate
 Concen: 44.37 ng
 RT: 14.77 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion:149 Resp: 1813204
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.2 11.8 17.8#



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





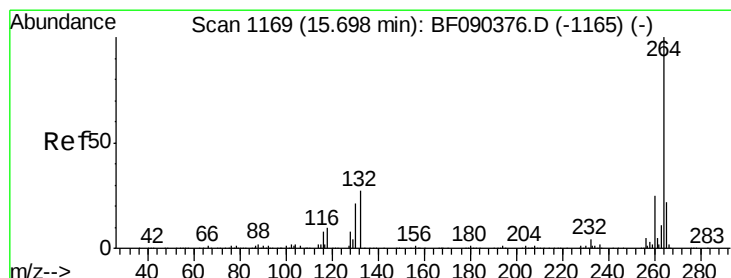
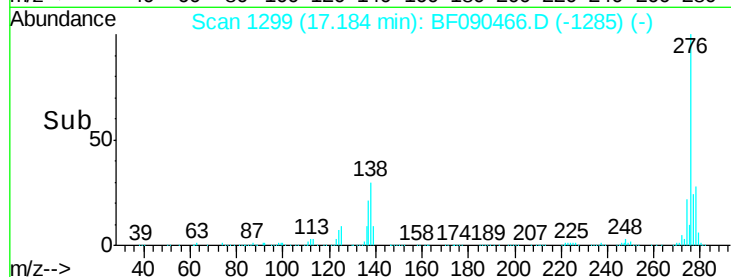
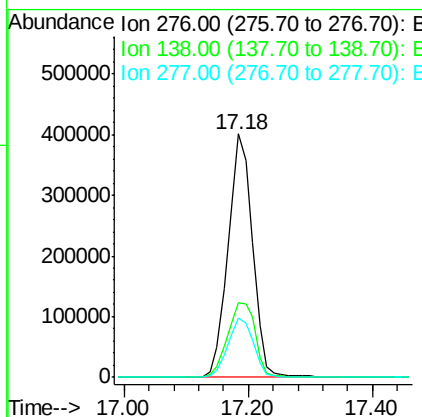
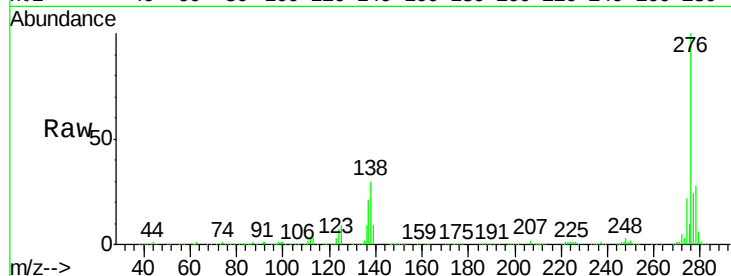
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.73 ng
 RT: 17.18 min Scan# 1299
 Delta R.T. -0.03 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion: 276 Resp: 1100339
 Ion Ratio Lower Upper
 276 100
 138 34.9 23.8 35.8
 277 25.3 20.4 30.6

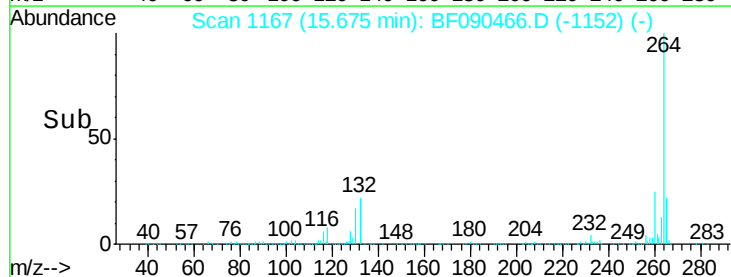
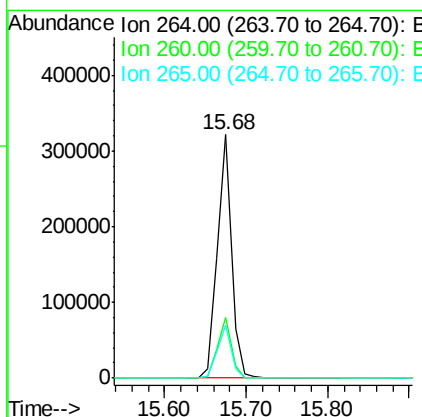
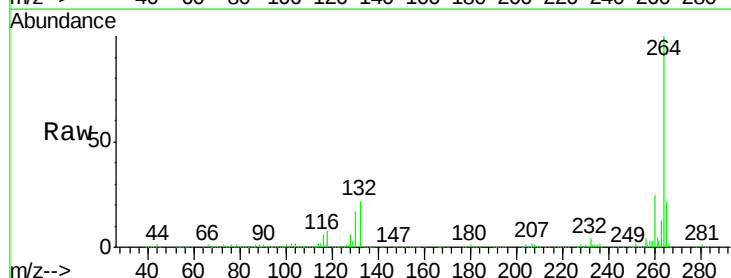
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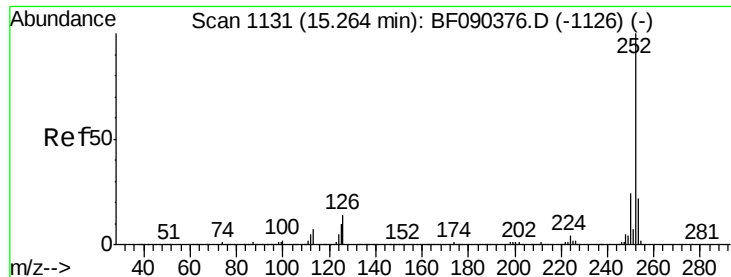
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Tgt Ion: 264 Resp: 390588
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.3 28.9
 265 21.7 17.4 26.0





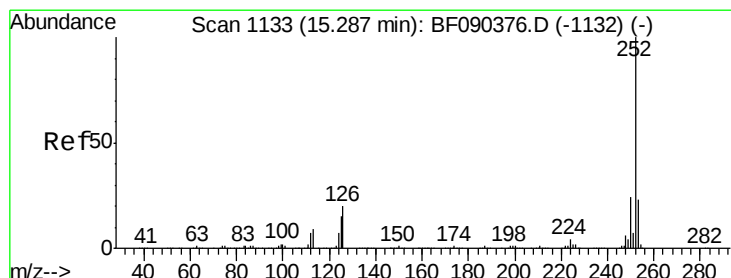
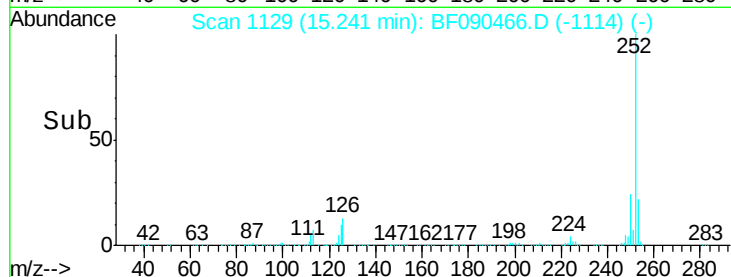
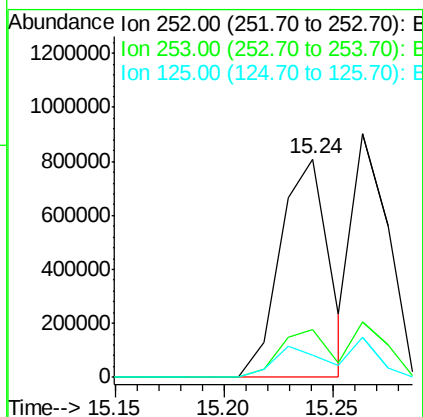
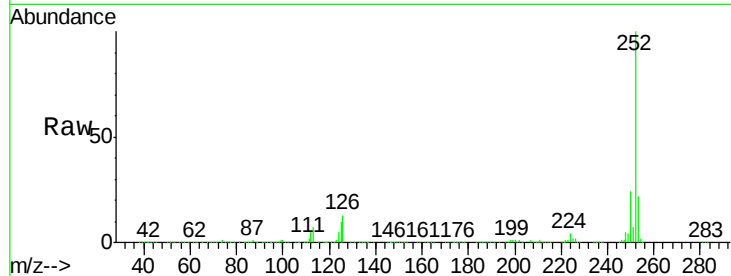
#87
Benzo(b)fluoranthene
Concen: 50.78 ng
RT: 15.24 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	10.1	7.0	10.4

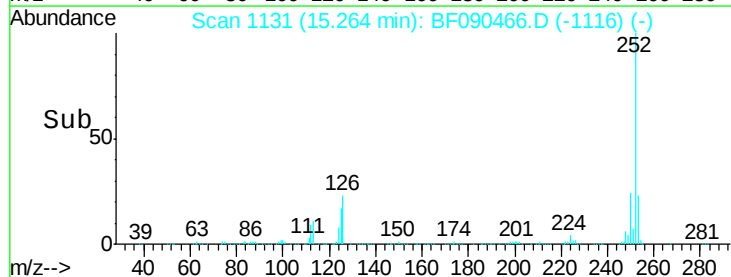
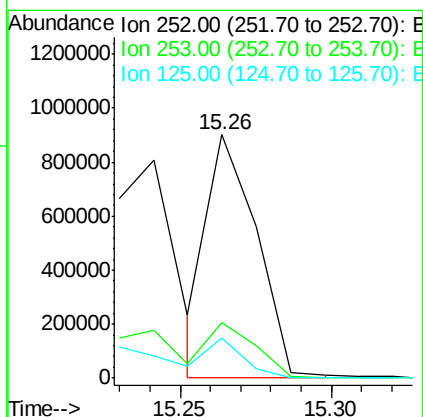
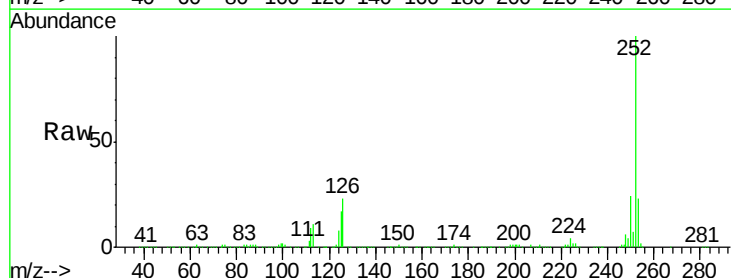
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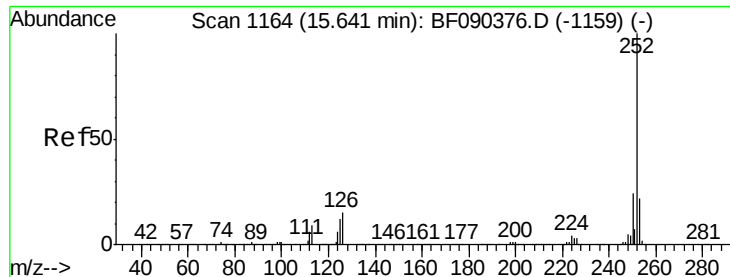
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#88
Benzo(k)fluoranthene
Concen: 43.81 ng m
RT: 15.26 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	16.6	11.7	17.5





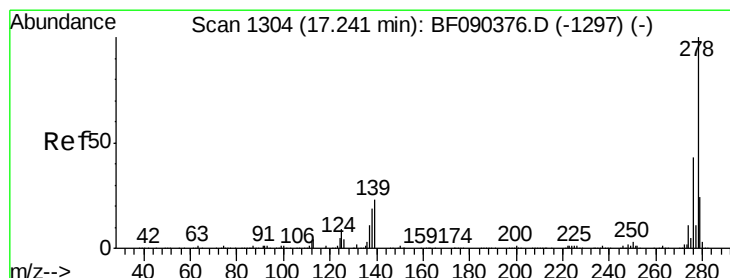
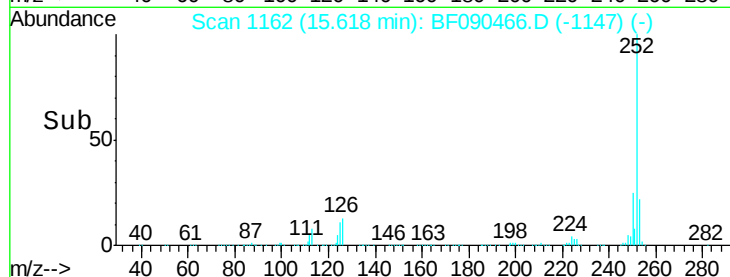
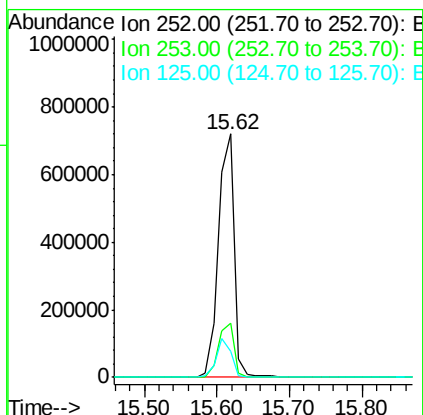
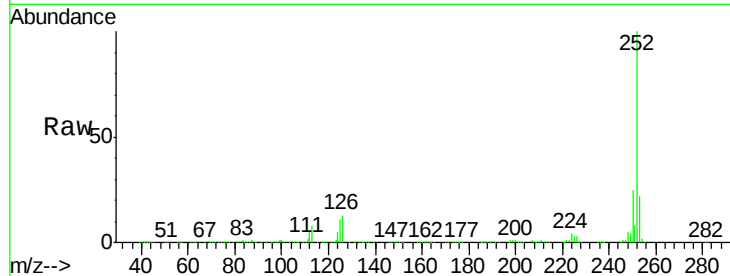
#89
Benzo(a)pyrene
Concen: 50.61 ng
RT: 15.62 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MS

Tgt Ion: 252 Resp: 1085370
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.9 9.8 14.8

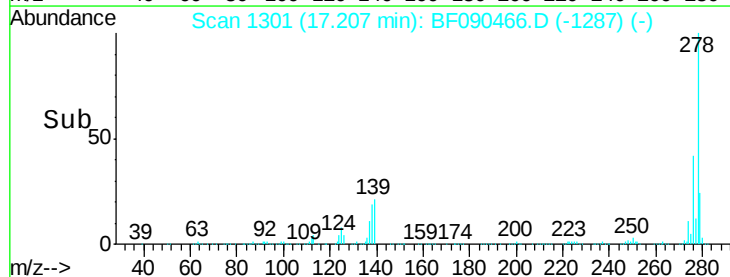
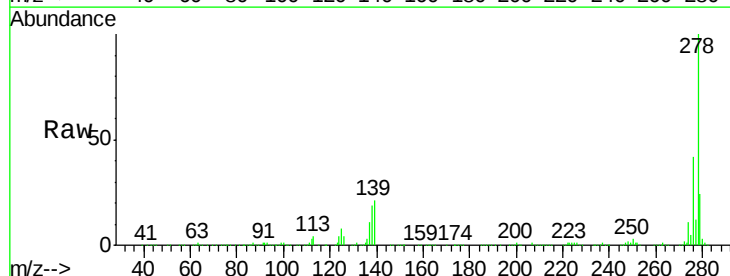
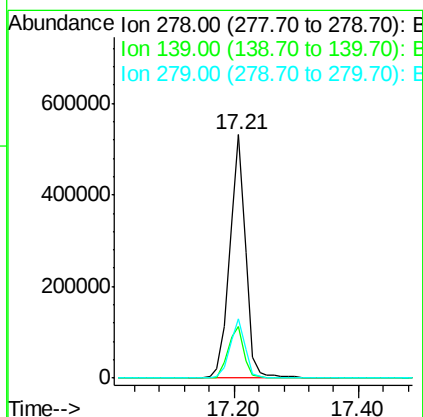
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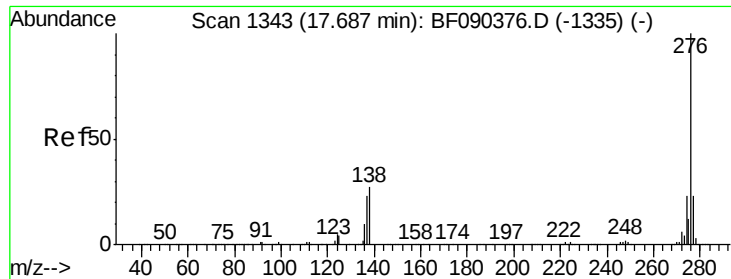
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#90
Dibenzo(a,h)anthracene
Concen: 51.92 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BF090466.D
Acq: 8 Oct 2016 4:36

Tgt Ion: 278 Resp: 947213
Ion Ratio Lower Upper
278 100
139 21.2 12.8 19.2#
279 24.4 19.6 29.4





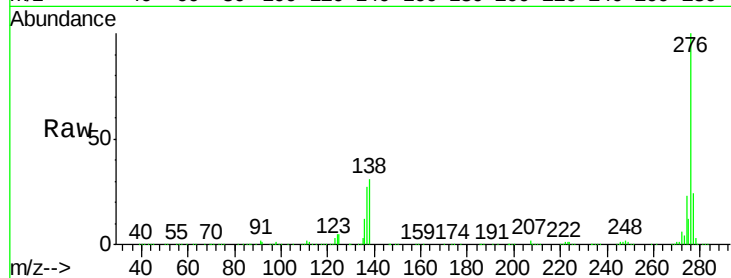
#91
 Benzo(g,h,i)perylene
 Concen: 50.31 ng
 RT: 17.64 min Scan# 1339
 Delta R.T. -0.05 min
 Lab File: BF090466.D
 Acq: 8 Oct 2016 4:36

Instrument :
 BNA_F
 ClientSampleId :
 RAV-GT-104MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	31.2	20.8	31.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

