

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
 Data File : BF084015.D
 Acq On : 23 Dec 2015 3:48
 Operator : UM/SJ
 Sample : G4916-07MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Manual Integrations
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 12/23/2015 4:31:49 PM

Quant Time: Dec 23 04:55:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42894	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	167254	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	86955	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	169434	20.00	ng	0.00
75) Chrysene-d12	14.00	240	155997	20.00	ng	0.00
86) Perylene-d12	15.43	264	111045	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	166322	66.11	ng	0.01
7) Phenol-d6	6.48	99	135233	45.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	290559	106.72	ng	0.01
41) 2,4,6-Tribromophenol	10.67	330	137918	164.90	ng	0.01
44) 2-Fluorobiphenyl	9.20	172	593803	91.90	ng	0.00
78) Terphenyl-d14	12.94	244	631492	96.54	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	16552	13.82	ng	# 95
3) Pyridine	3.18	79	40493m	14.85	ng	
4) n-Nitrosodimethylamine	3.10	42	20610	20.34	ng	94
6) Aniline	6.49	93	113738	27.78	ng	95
8) 2-Chlorophenol	6.62	128	115003	39.70	ng	87
9) Benzaldehyde	6.37	77	55202	27.94	ng	96
10) Phenol	6.49	94	54811	16.02	ng	# 19
11) bis(2-Chloroethyl)ether	6.57	93	125156	47.86	ng	96
12) 1,3-Dichlorobenzene	6.77	146	139151	43.23	ng	99
13) 1,4-Dichlorobenzene	6.84	146	137938	43.89	ng	97
14) 1,2-Dichlorobenzene	7.00	146	139820	46.54	ng	98
15) Benzyl Alcohol	6.98	79	78054	33.51	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	119997	47.53	ng	92
17) 2-Methylphenol	7.10	107	73466	31.84	ng	# 86
18) Hexachloroethane	7.34	117	50506	43.82	ng	# 90
19) n-Nitroso-di-n-propylamine	7.24	70	95737	53.41	ng	# 85
20) 3+4-Methylphenols	7.25	107	89347	31.37	ng	# 59
22) Acetophenone	7.24	105	195029	49.70	ng	# 91
24) Nitrobenzene	7.41	77	144724	51.58	ng	98
25) Isophorone	7.65	82	253736	49.18	ng	100
26) 2-Nitrophenol	7.73	139	76417	50.60	ng	92
27) 2,4-Dimethylphenol	7.78	122	113896	43.27	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	164854	51.59	ng	98
29) 2,4-Dichlorophenol	7.98	162	113088	48.09	ng	95
30) 1,2,4-Trichlorobenzene	8.05	180	110819	45.18	ng	98
31) Naphthalene	8.13	128	392487	45.94	ng	99
32) Benzoic acid	7.88	122	15461	16.61	ng	86
33) 4-Chloroaniline	8.19	127	144833	41.45	ng	# 93
34) Hexachlorobutadiene	8.26	225	68102	46.45	ng	100
35) Caprolactam	8.57	113	5320	7.53	ng	# 79
36) 4-Chloro-3-methylphenol	8.68	107	120797	48.03	ng	94
37) 2-Methylnaphthalene	8.83	142	294947	53.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	127099	48.62	ng	99
40) Hexachlorocyclopentadiene	8.99	237	67086	80.99	ng	96

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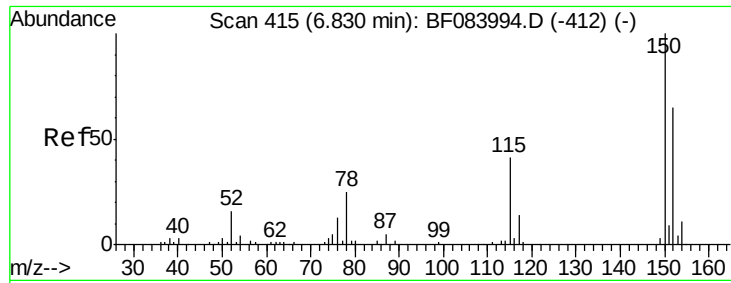
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	80560	51.18	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	83124	50.74	nq	95
45) 1,1'-Biphenyl	9.30	154	363111	47.24	nq	96
46) 2-Chloronaphthalene	9.32	162	277757	50.19	nq	93
47) 2-Nitroaniline	9.41	65	69653	46.17	nq	93
48) Acenaphthylene	9.73	152	433393	49.45	nq	99
49) Dimethylphthalate	9.61	163	344278	50.60	nq	# 91
50) 2,6-Dinitrotoluene	9.66	165	77576	54.02	nq	98
51) Acenaphthene	9.90	154	256296	49.19	nq	99
52) 3-Nitroaniline	9.82	138	57609	37.77	nq	95
53) 2,4-Dinitrophenol	9.94	184	57579	92.33	nq	# 63
54) Dibenzofuran	10.08	168	371020	47.57	nq	91
55) 4-Nitrophenol	10.01	139	31648	35.31	nq	88
56) 2,4-Dinitrotoluene	10.06	165	92993	51.51	nq	# 90
57) Fluorene	10.42	166	299951	48.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69997	54.18	nq	95
59) Diethylphthalate	10.29	149	343427	51.36	nq	96
60) 4-Chlorophenyl-phenylether	10.41	204	131998	46.61	nq	# 80
61) 4-Nitroaniline	10.44	138	59797	38.32	nq	96
62) Azobenzene	10.57	77	317968	53.86	nq	90
64) 4,6-Dinitro-2-methylphenol	10.48	198	46612	47.06	nq	# 63
65) n-Nitrosodiphenylamine	10.53	169	283381	45.28	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	90066	46.36	nq	# 76
67) Hexachlorobenzene	10.97	284	96525	45.52	nq	# 68
68) Atrazine	11.06	200	84686	44.76	nq	99
69) Pentachlorophenol	11.17	266	76371	96.74	nq	98
70) Phenanthrene	11.38	178	435067	45.43	nq	98
71) Anthracene	11.44	178	485154	49.89	nq	100
72) Carbazole	11.58	167	406517	44.70	nq	99
73) Di-n-butylphthalate	11.92	149	551371	48.83	nq	# 98
74) Fluoranthene	12.57	202	483349	50.90	nq	98
76) Benzidine	12.68	184	135054	24.28	nq	99
77) Pyrene	12.80	202	495827	46.85	nq	99
79) Butylbenzylphthalate	13.41	149	267807	55.01	nq	93
80) Benzo(a)anthracene	13.99	228	424194	47.16	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	86911	25.69	nq	# 92
82) Chrysene	14.02	228	364902	43.70	nq	100
83) Bis(2-ethylhexyl)phthalate	13.97	149	353124	52.31	nq	# 98
84) Di-n-octyl phthalate	14.58	149	567183	54.64	nq	99
85) Indeno(1,2,3-cd)pyrene	16.84	276	310588	44.96	nq	99
87) Benzo(b)fluoranthene	15.01	252	340398m	48.62	nq	
88) Benzo(k)fluoranthene	15.05	252	379805m	57.05	nq	
89) Benzo(a)pyrene	15.37	252	330159	50.92	nq	# 98
90) Dibenzo(a,h)anthracene	16.84	278	263641	49.07	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	253663	46.68	nq	96

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



#1

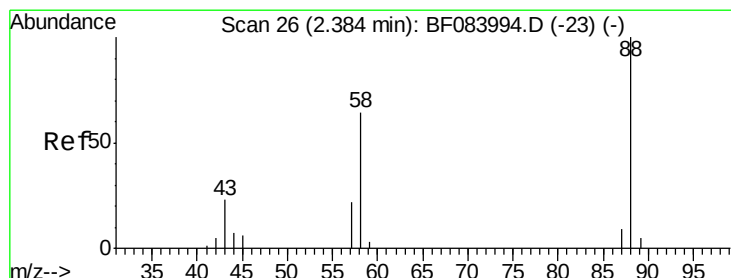
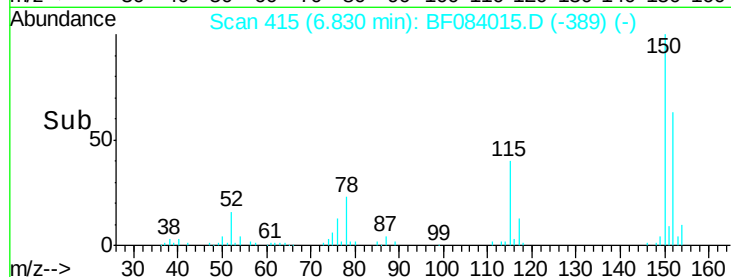
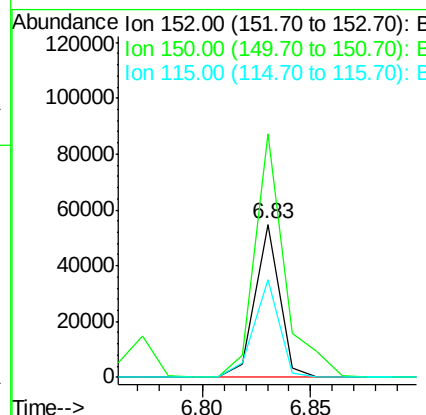
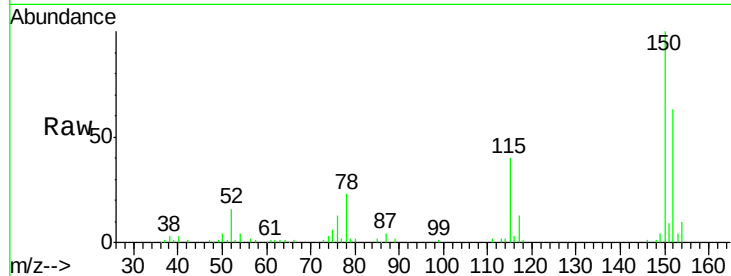
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.0	184.4
115	63.8	51.4	77.2

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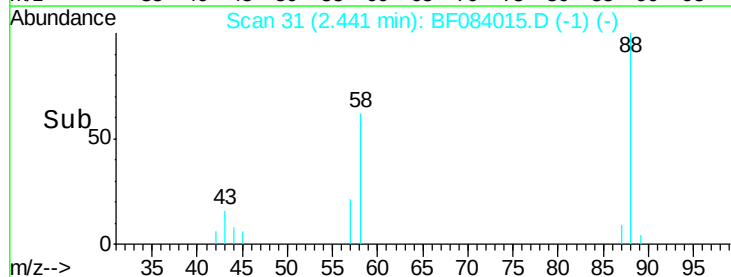
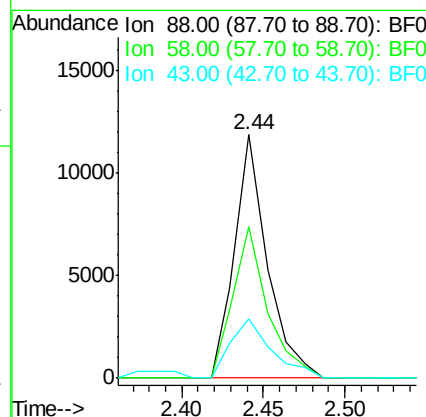
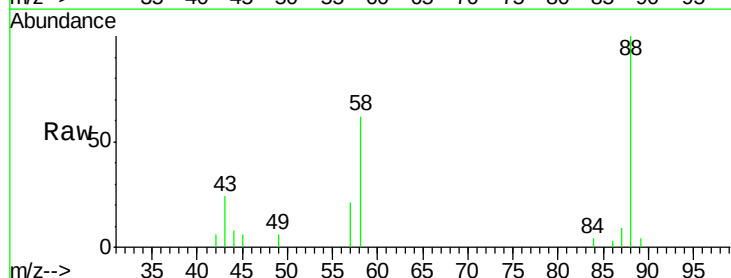
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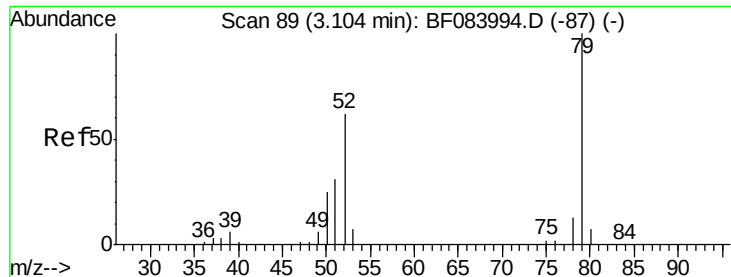


#2

1,4-Dioxane
Concen: 13.82 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.06 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	51.2	76.8
43	30.6	19.5	29.3





#3

Pvridine

Concen: 14.85 ng/mL

RT: 3.18 min Scan# 96

Delta R.T. 0.08 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

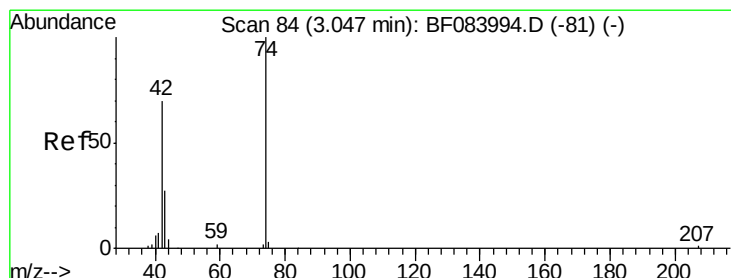
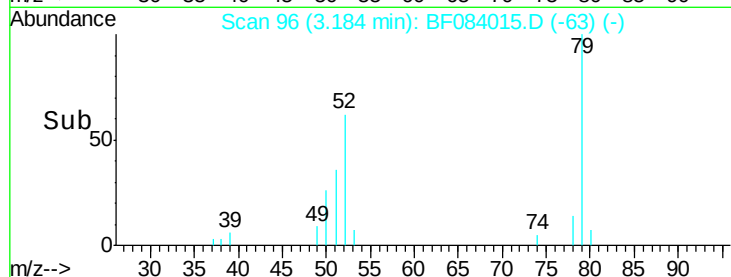
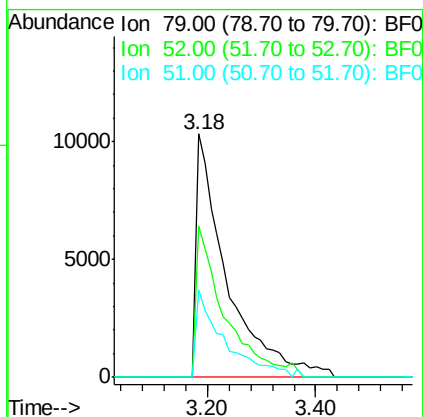
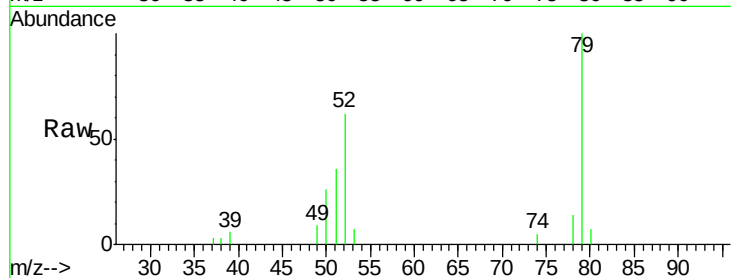
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	79	Resp:	40493
Ion	Ratio	Lower	Upper
79	100		
52	62.0	49.0	73.4
51	36.0	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 20.34 ng/mL

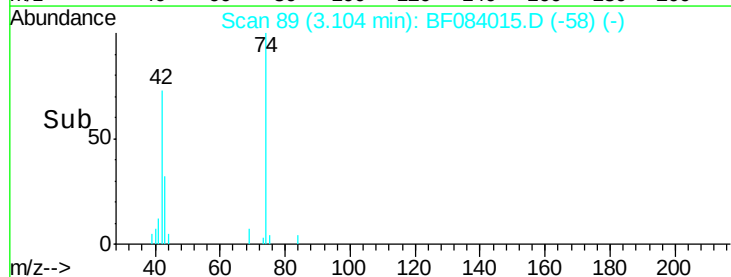
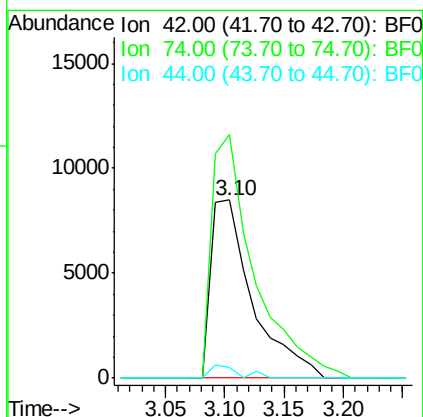
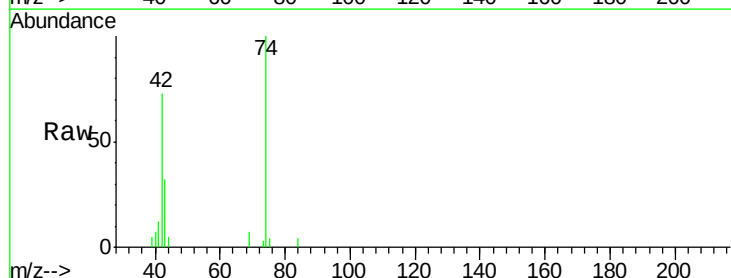
RT: 3.10 min Scan# 89

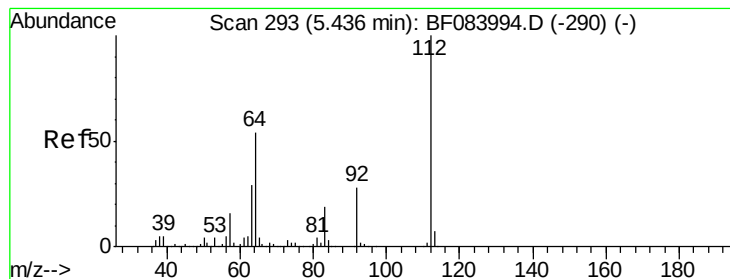
Delta R.T. 0.06 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	42	Resp:	20610
Ion	Ratio	Lower	Upper
42	100		
74	136.8	115.7	173.5
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 66.11 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

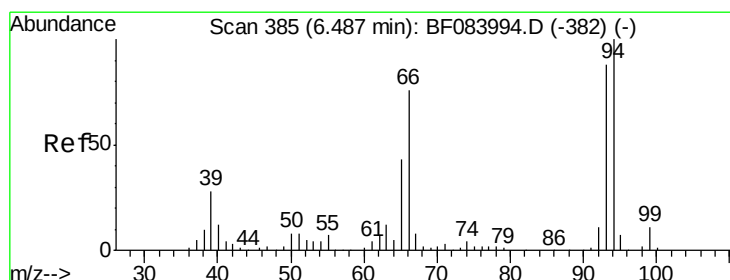
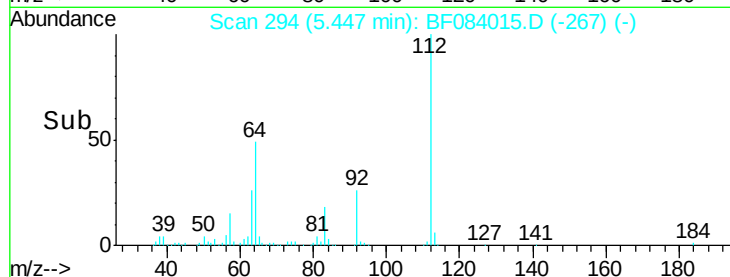
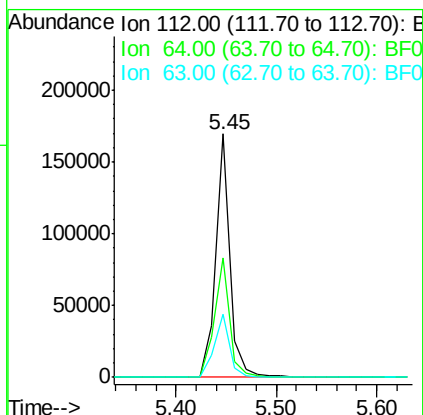
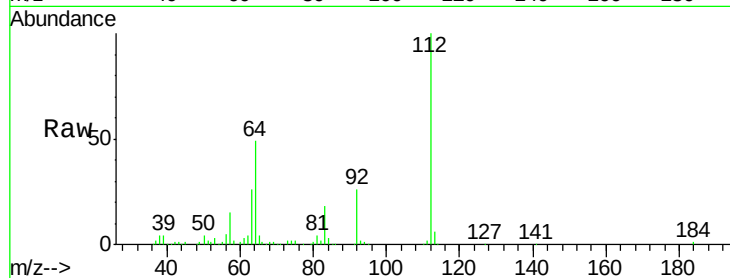
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20151214MGP209BRV46.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		166322		
64	48.9		36.6	55.0	
63	25.9		19.4	29.0	

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#6

Aniline

Concen: 27.78 ng

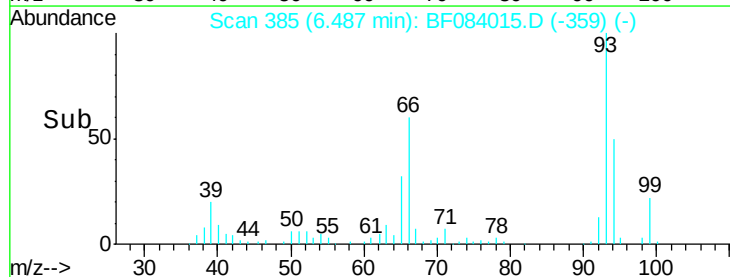
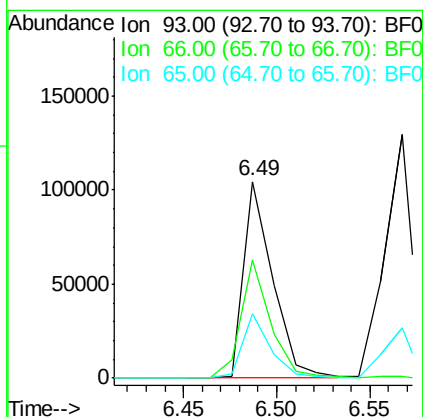
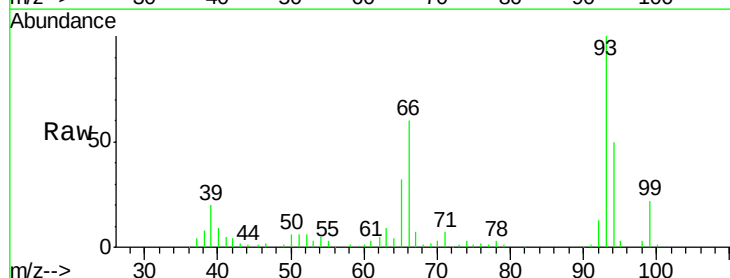
RT: 6.49 min Scan# 385

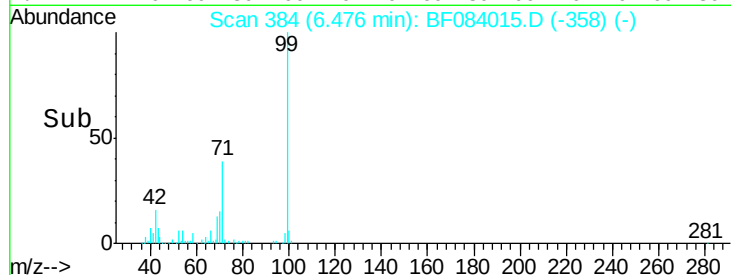
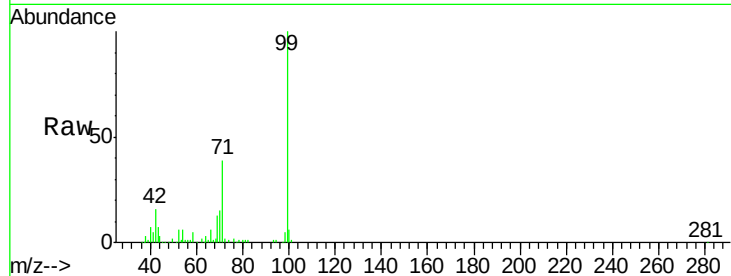
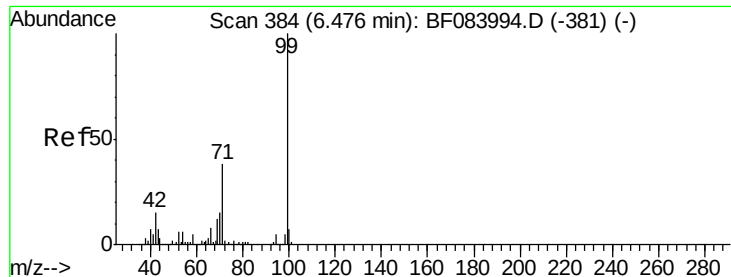
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		113738		
66	60.2		44.9	67.3	
65	32.4		23.7	35.5	





#7

Phenol-d6

Concen: 45.72 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tot Ion:	99	Resp:	135233
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.8	19.2
71	39.3	30.9	46.3

Instrument :

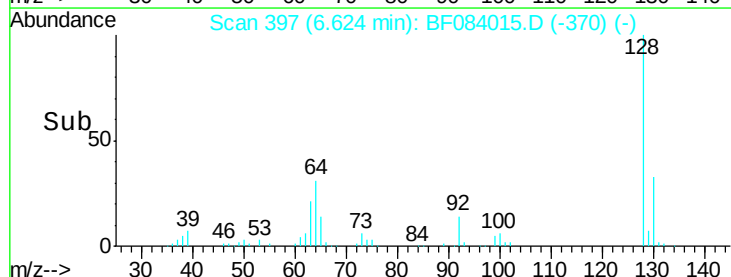
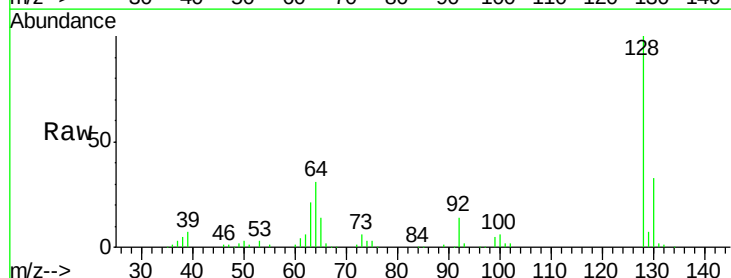
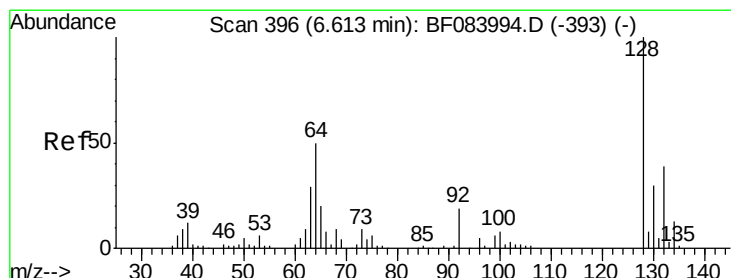
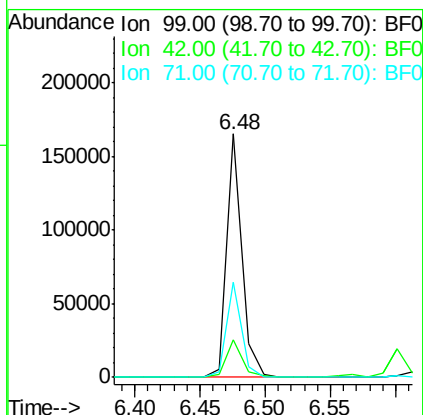
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#8

2-Chlorophenol

Concen: 39.70 ng

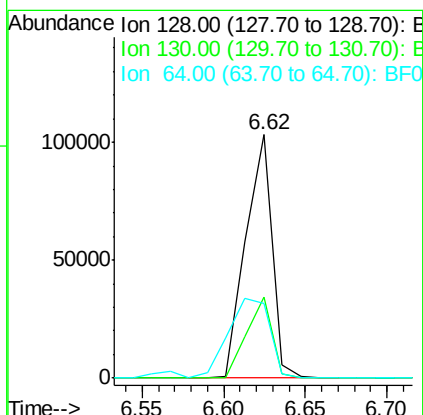
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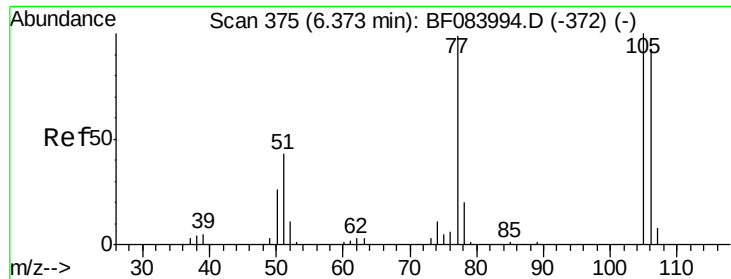
Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	128	Resp:	115003
Ion Ratio	Lower	Upper	
128	100		
130	33.3	11.6	51.6
64	30.9	23.8	63.8





#9

Benzaldehyde

Concen: 27.94 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

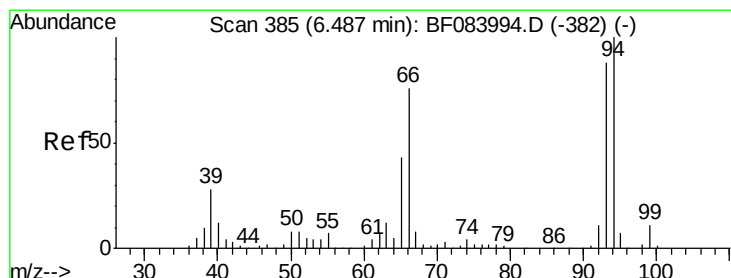
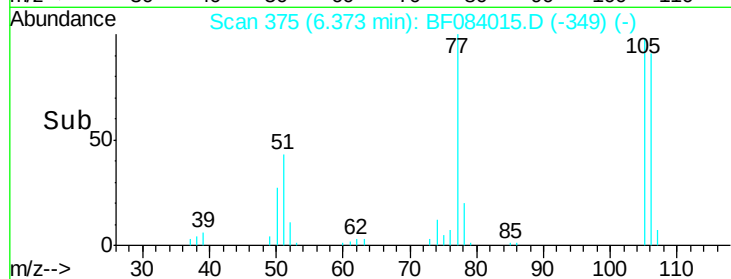
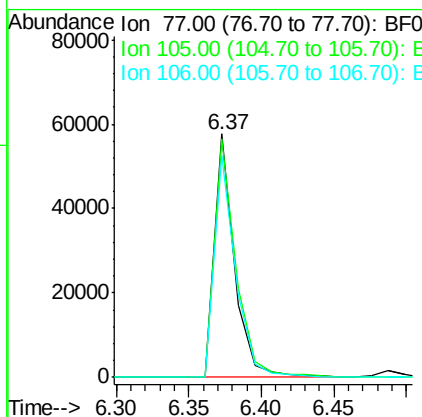
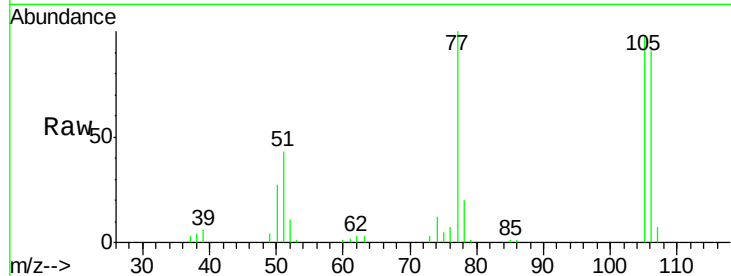
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	77	Resp:	55202
Ion Ratio	Lower	Upper	
77	100		
105	98.2	83.0	123.0
106	91.2	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 16.02 ng

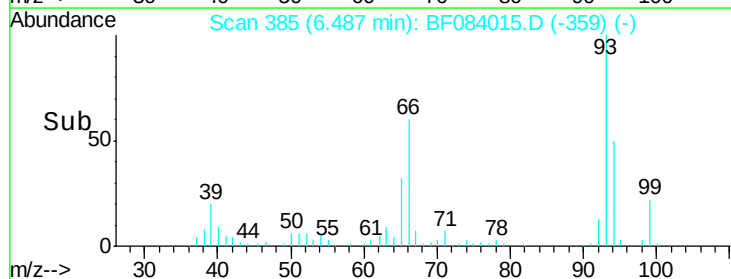
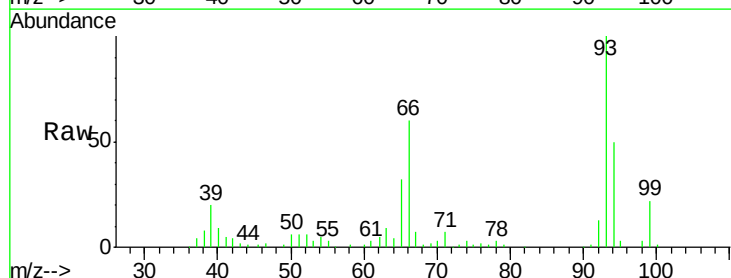
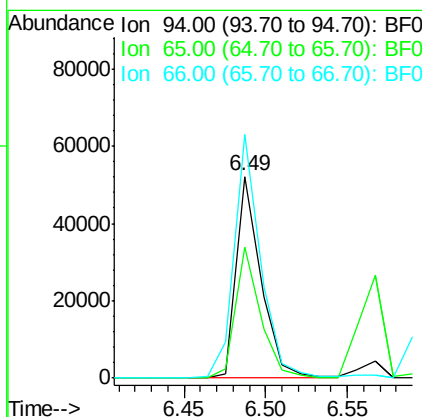
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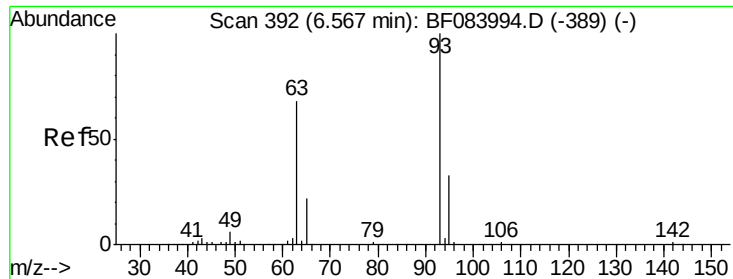
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	94	Resp:	54811
Ion Ratio	Lower	Upper	
94	100		
65	65.1	12.9	52.9#
66	120.8	32.7	72.7#





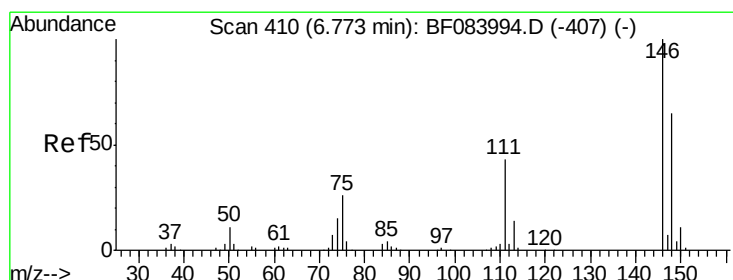
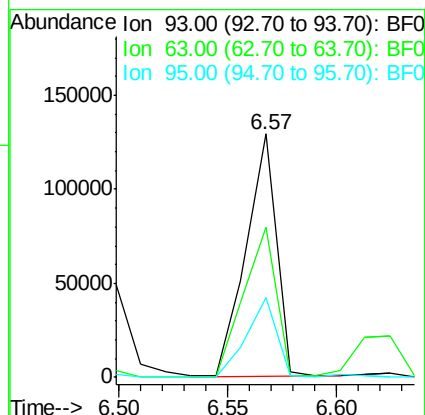
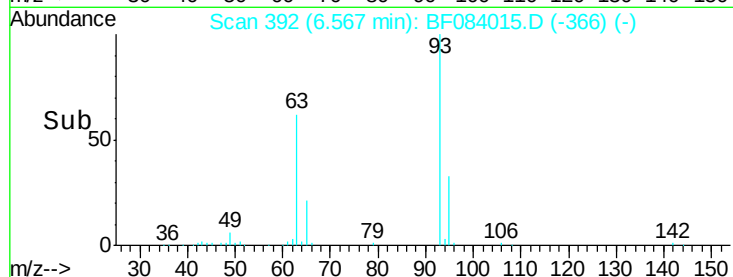
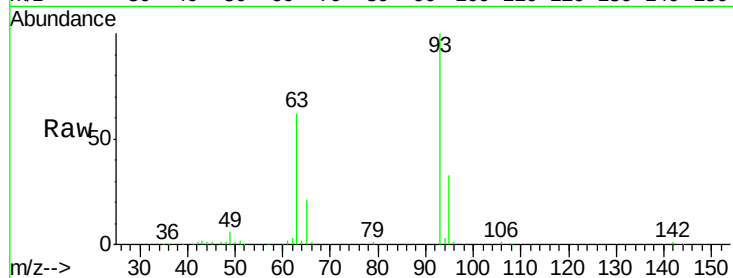
#11
bis(2-Chloroethyl)ether
Concen: 47.86 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	61.9	45.9	85.9	
95	32.8	12.3	52.3	

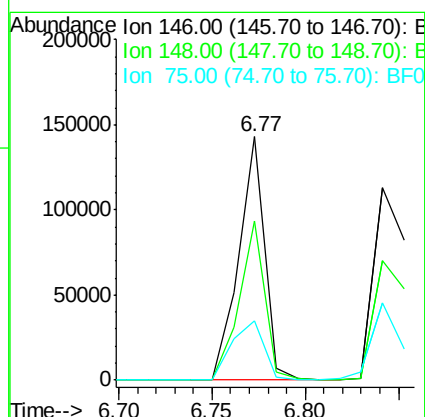
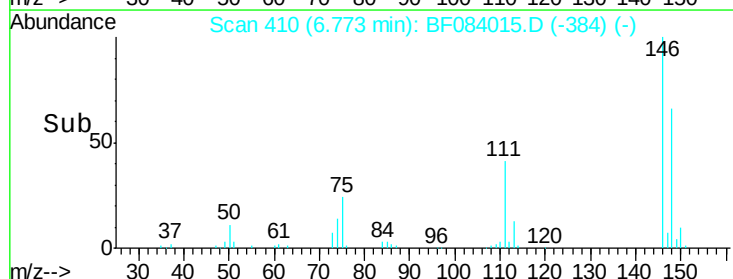
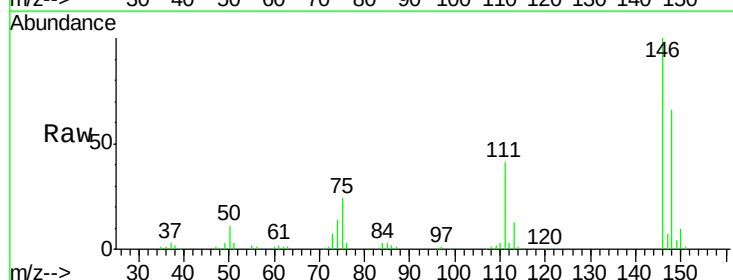
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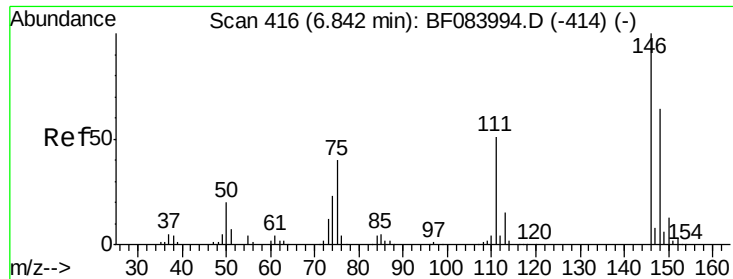
apatel
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#12
1,3-Dichlorobenzene
Concen: 43.23 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.6	51.9	77.9	
75	24.2	20.5	30.7	





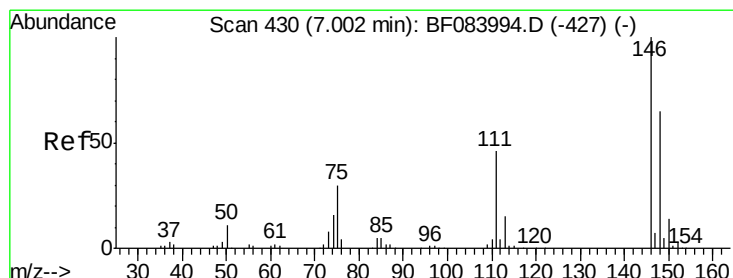
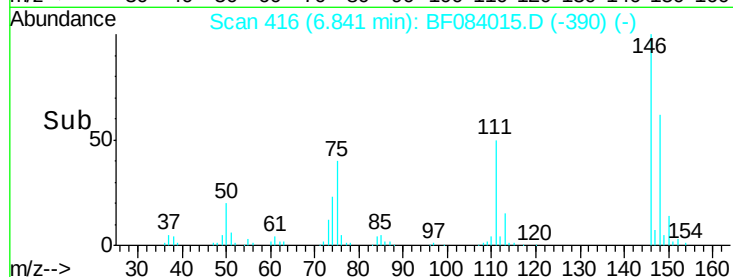
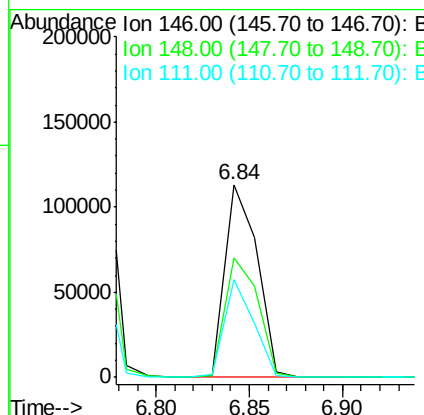
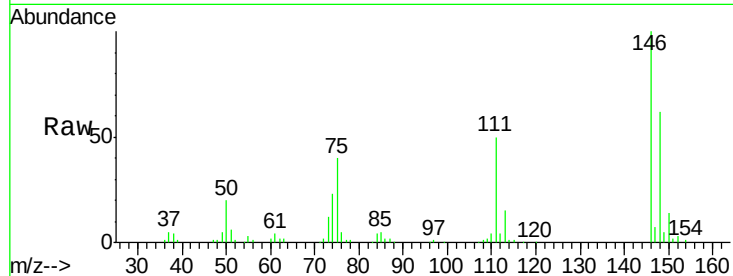
#13
 1,4-Dichlorobenzene
 Concen: 43.89 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.9	77.9
111	50.4	41.6	62.4

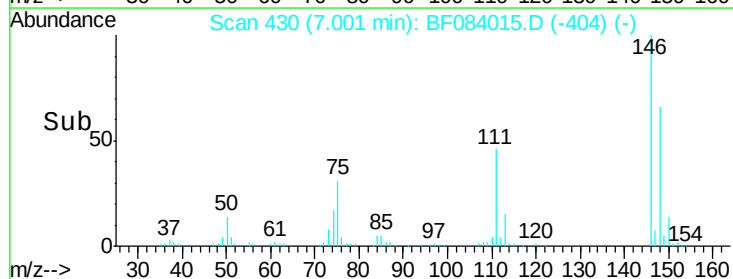
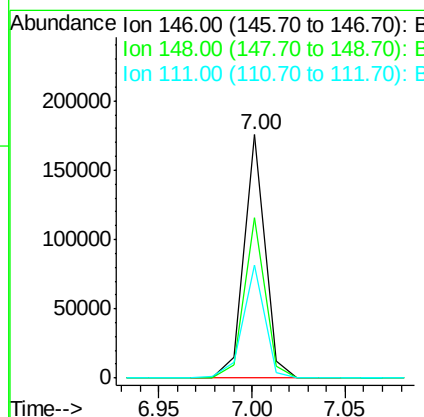
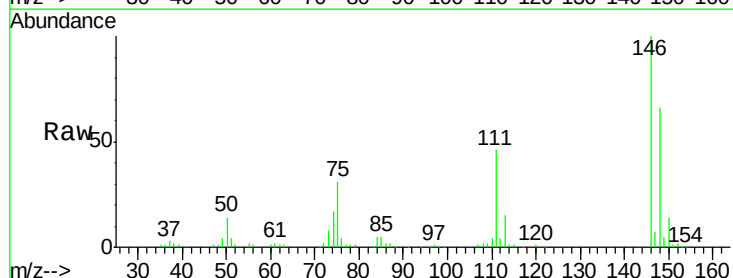
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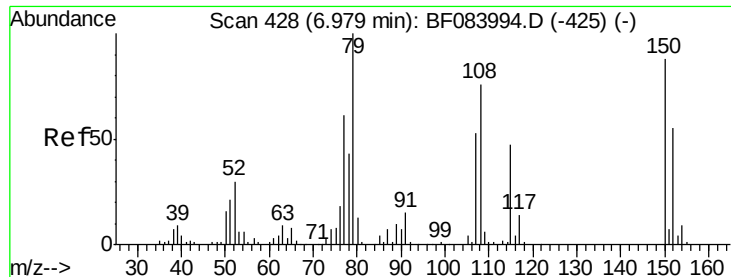
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#14
 1,2-Dichlorobenzene
 Concen: 46.54 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	46.3	38.0	57.0





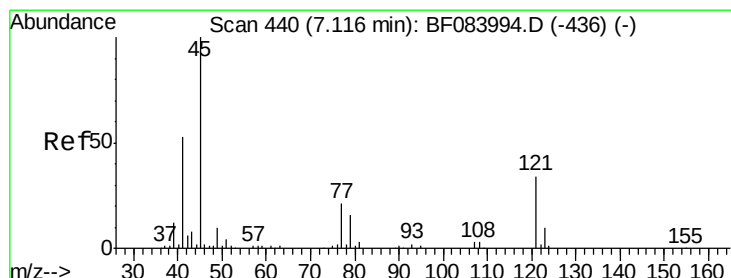
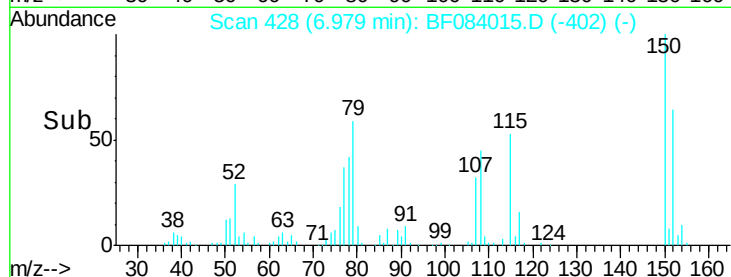
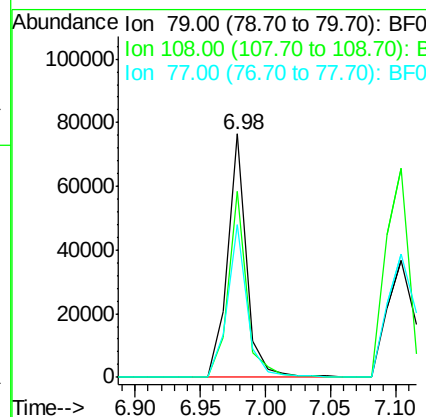
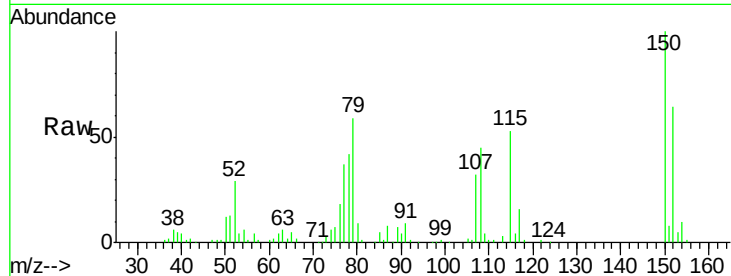
#15
Benzyl Alcohol
Concen: 33.51 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	69.0	103.4
77	62.6	50.0	75.0

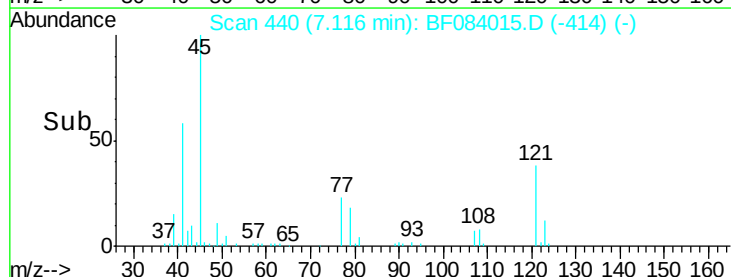
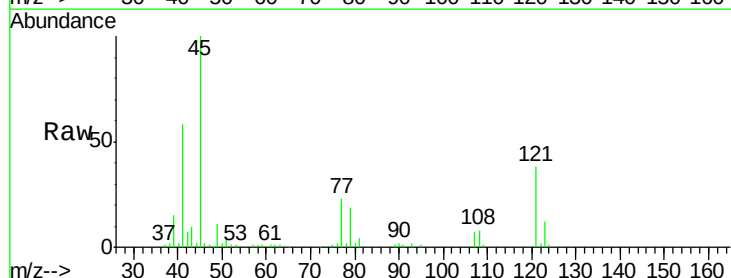
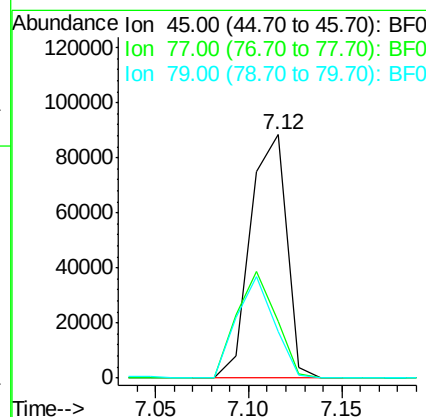
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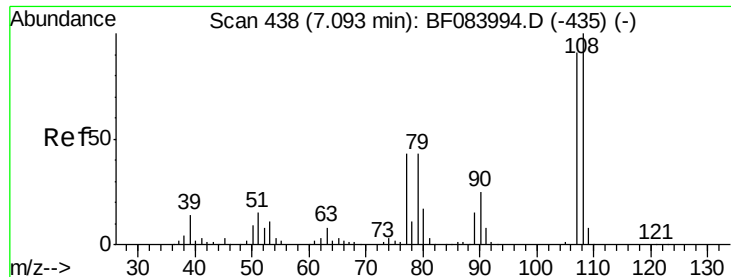
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.53 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.1	0.0	39.6
79	18.9	0.0	35.0





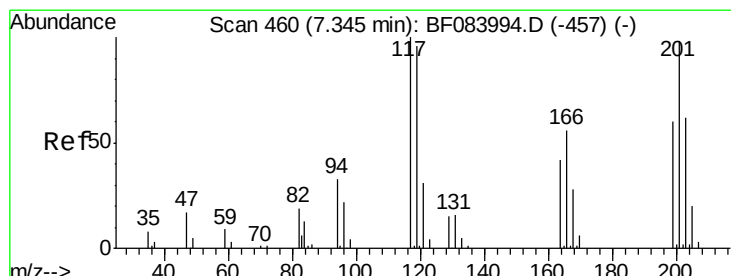
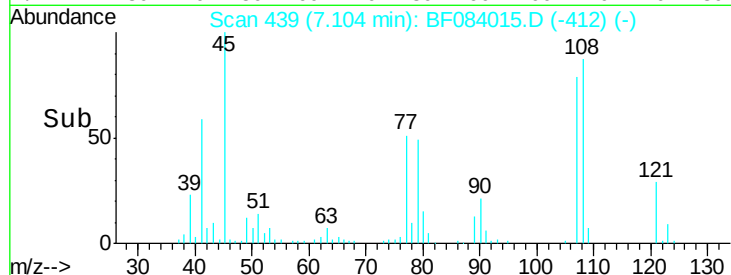
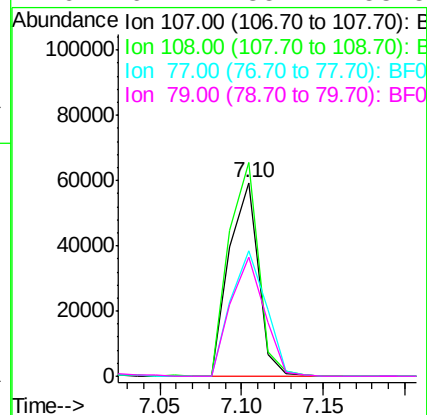
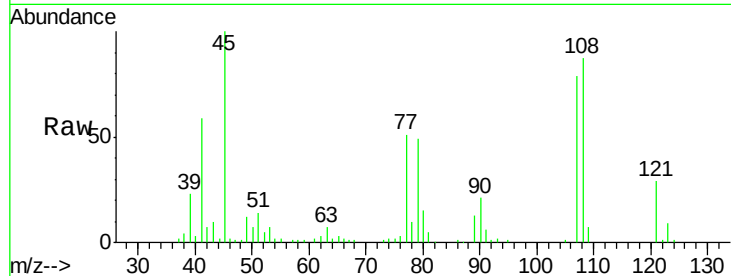
#17
2-Methylphenol
Concen: 31.84 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.3	89.8	134.6
77	64.9	35.7	53.5#
79	61.7	35.7	53.5#

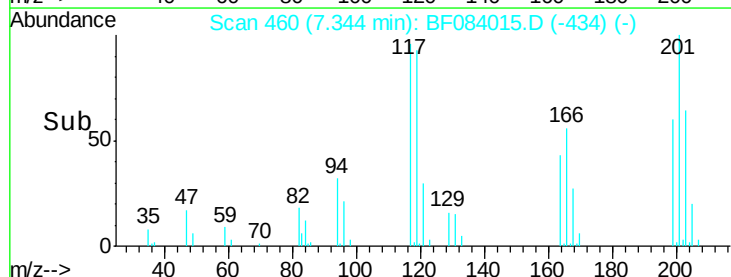
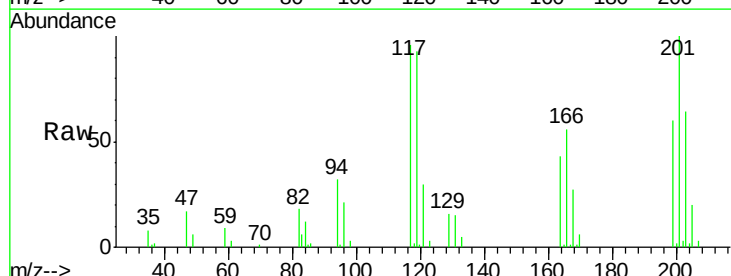
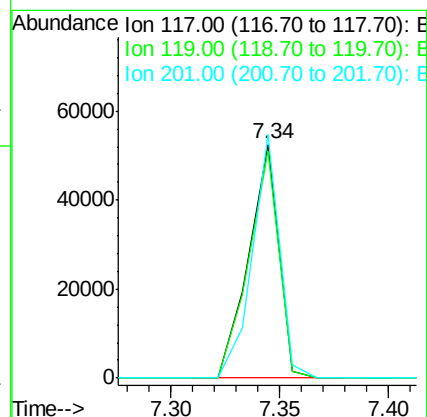
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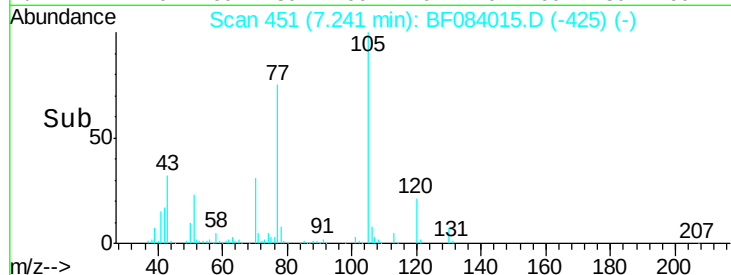
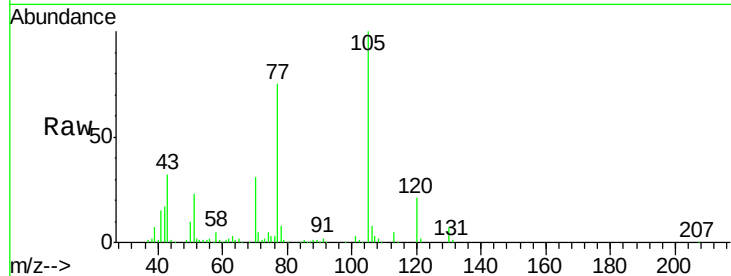
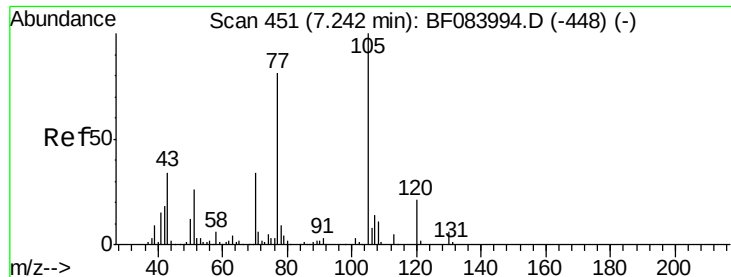
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#18
Hexachloroethane
Concen: 43.82 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.4	116.0
201	104.1	68.6	103.0#





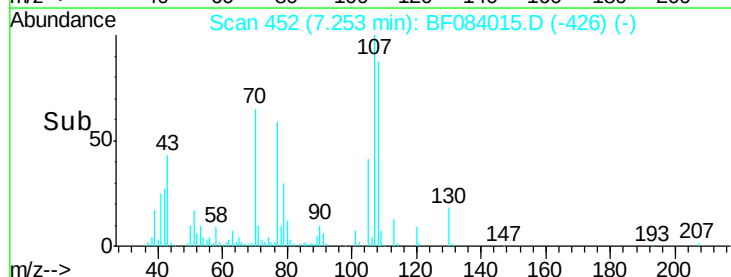
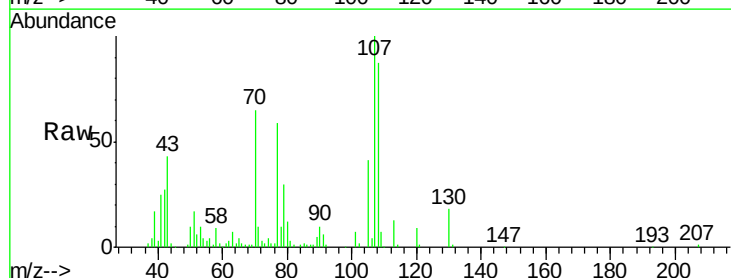
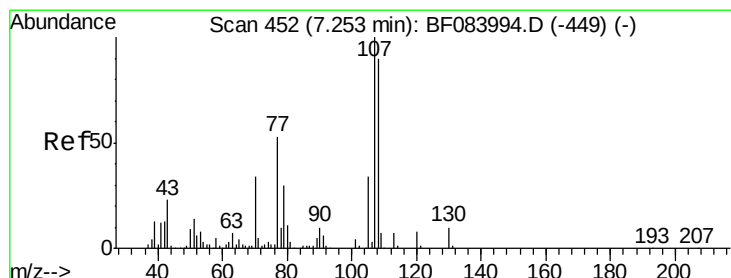
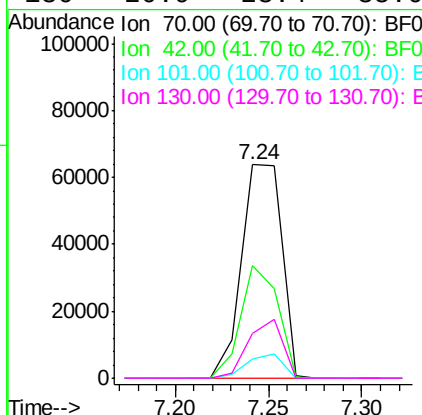
#19
n-Nitroso-di-n-propylamine
Concen: 53.41 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	33.3	49.9#
101	9.3	9.3	13.9
130	20.9	23.4	35.0#

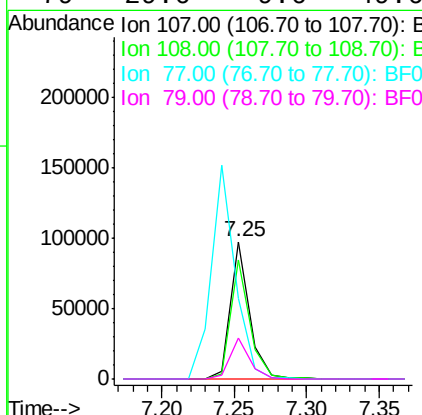
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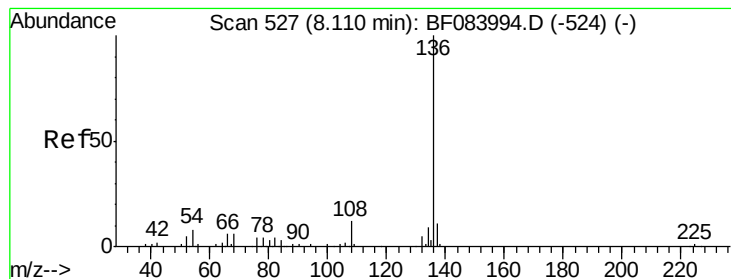
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#20
3+4-Methylphenols
Concen: 31.37 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	64.1	104.1
77	58.6	128.9	168.9#
79	29.6	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

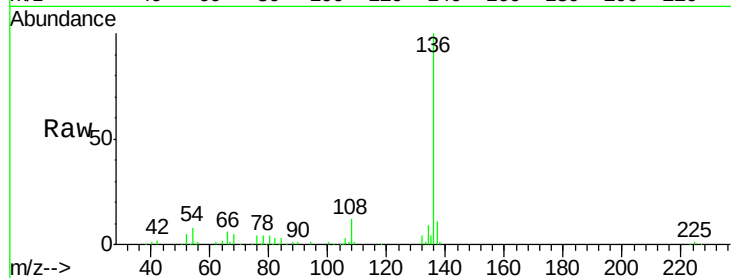
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	167254		
137	10.9	8.7	13.1	
54	7.5	5.8	8.8	
68	5.3	4.2	6.2	

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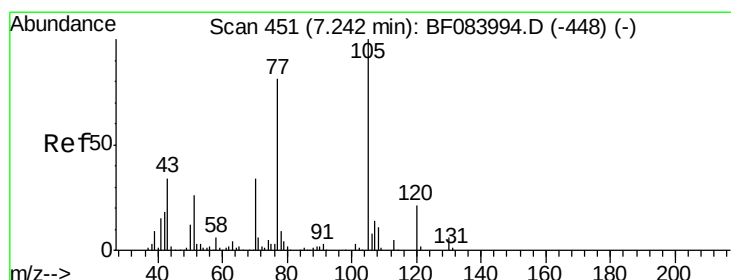
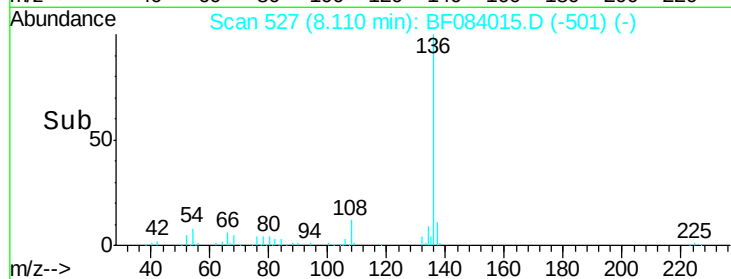
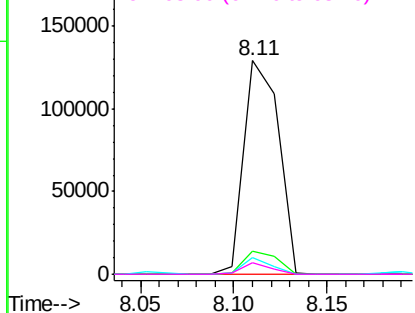


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 49.70 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

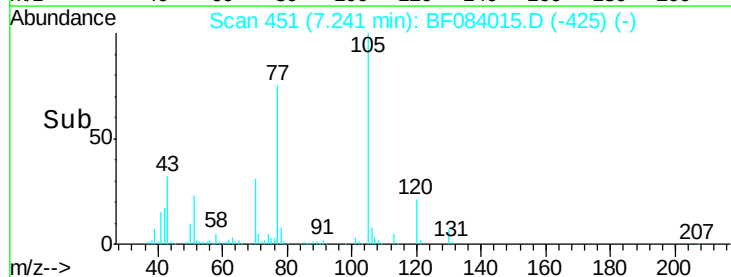
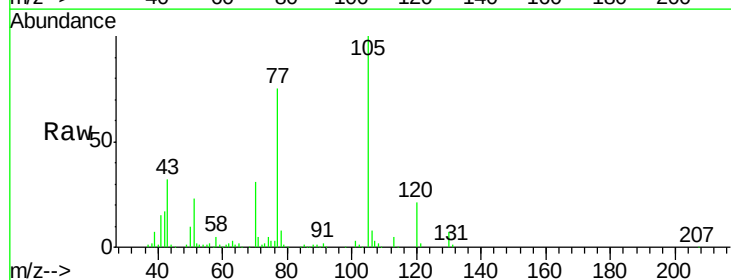
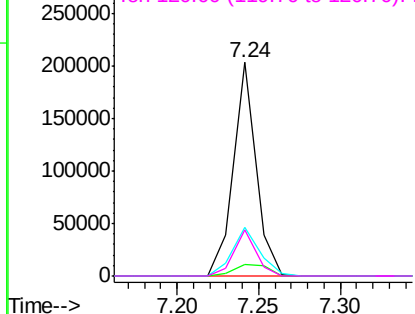
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	195029		
71	5.1	3.7	5.5	
51	22.9	25.1	37.7#	
120	21.4	16.6	25.0	

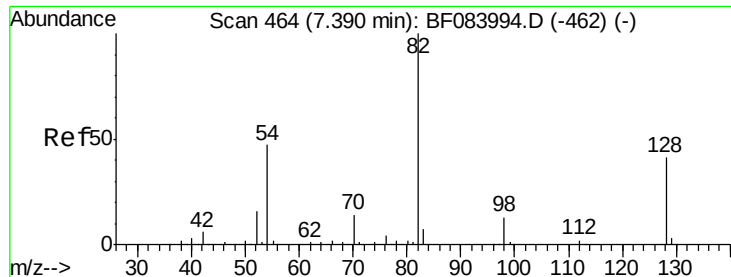
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 106.72 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion: 82 Resp: 290559
Ion Ratio Lower Upper

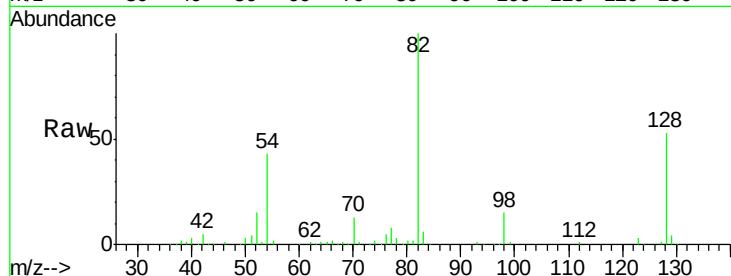
82 100

128 52.8 34.6 51.8#

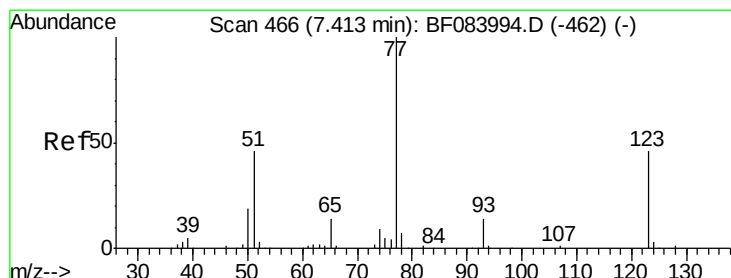
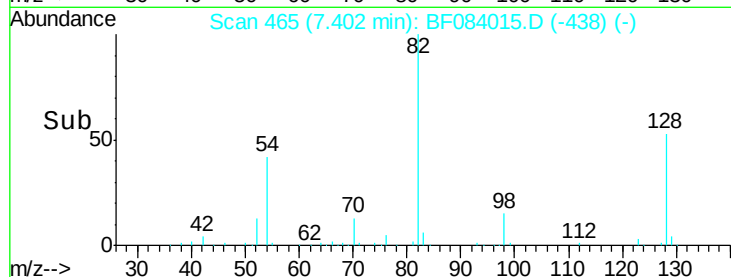
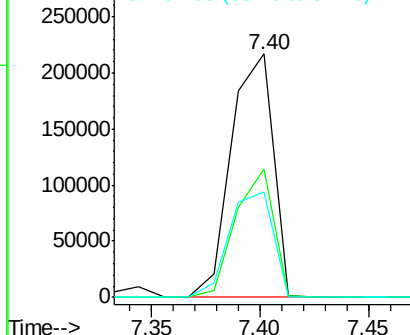
54 43.1 38.4 57.6

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 51.58 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.00 min

Lab File: BF084015.D

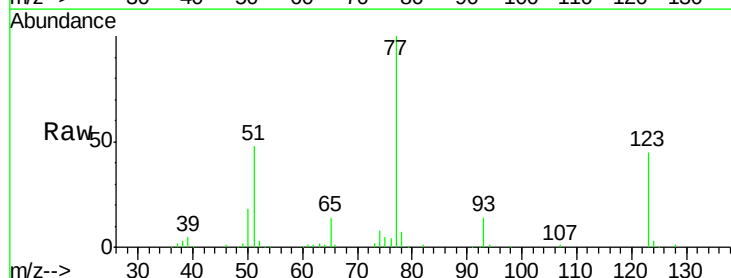
Acq: 23 Dec 2015 3:48

Tgt Ion: 77 Resp: 144724
Ion Ratio Lower Upper

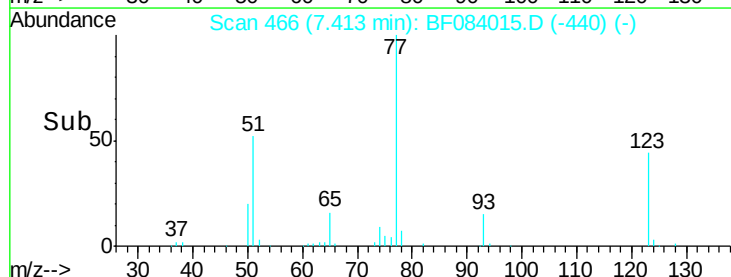
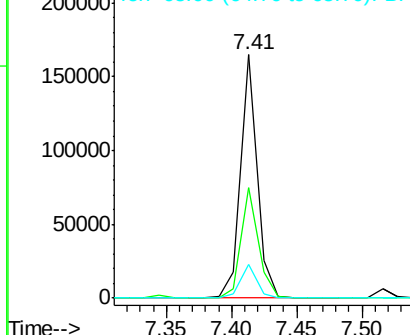
77 100

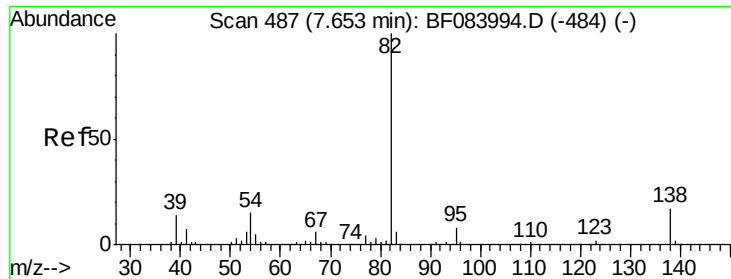
123 45.1 37.4 56.2

65 13.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.18 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

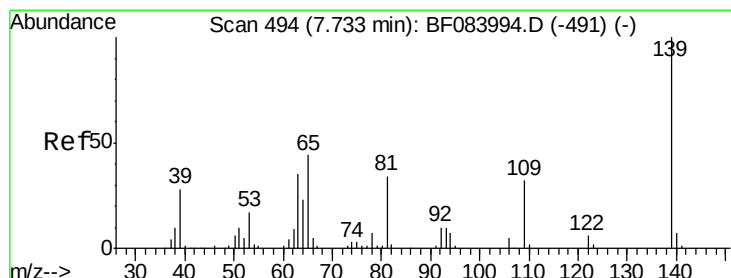
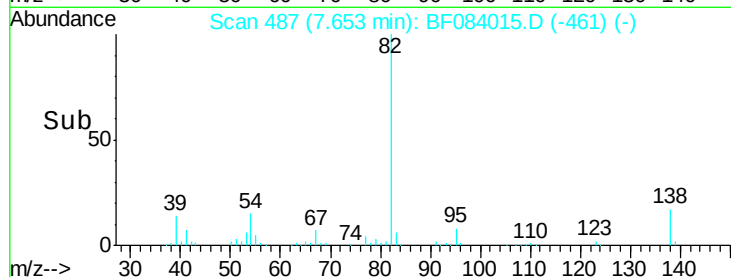
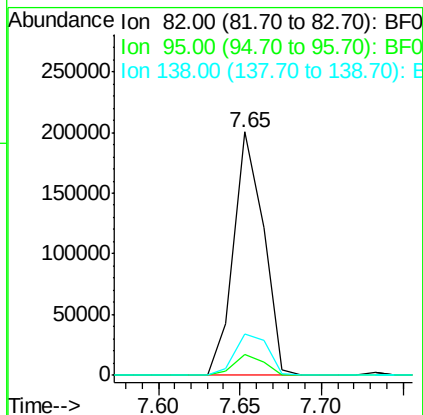
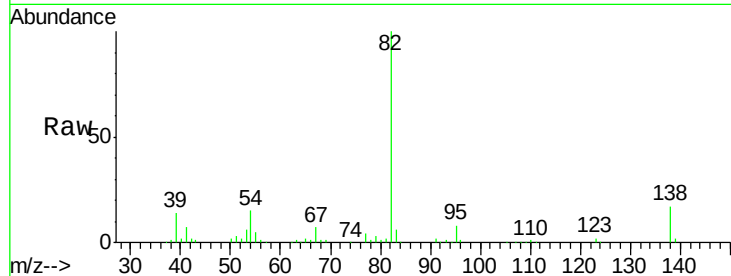
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	82	Resp:	253736
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.6	10.0
138	17.2	13.6	20.4

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#26

2-Nitrophenol

Concen: 50.60 ng

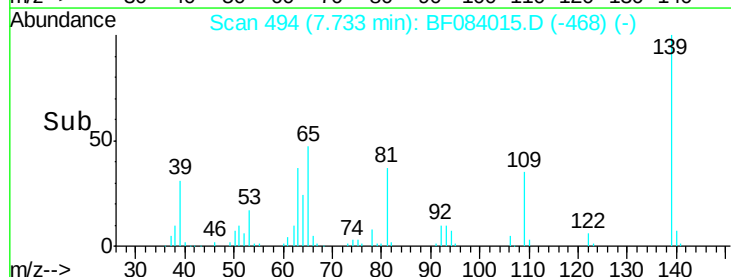
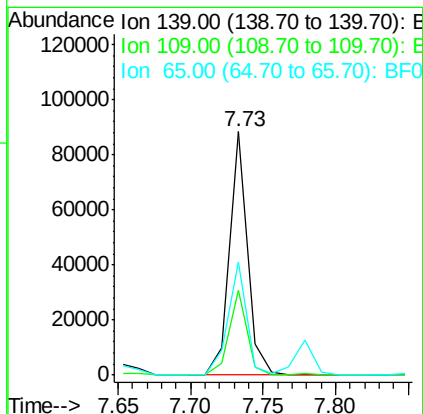
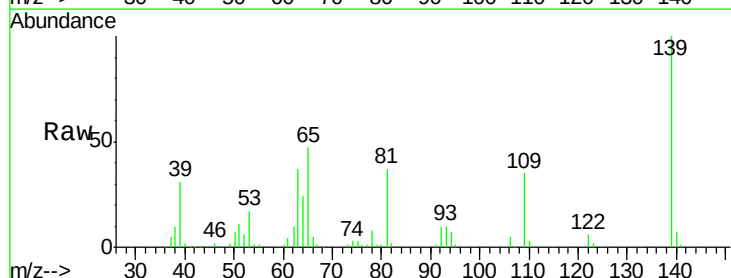
RT: 7.73 min Scan# 494

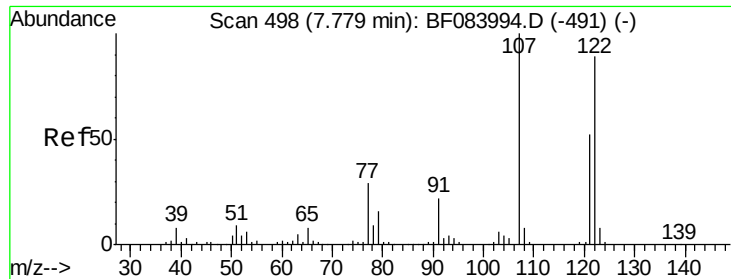
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	139	Resp:	76417
Ion Ratio	Lower	Upper	
139	100		
109	35.1	25.4	38.2
65	46.6	32.3	48.5





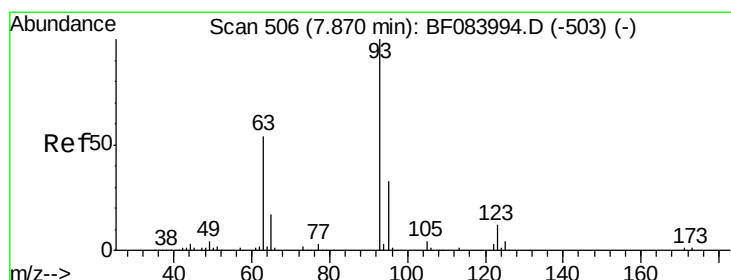
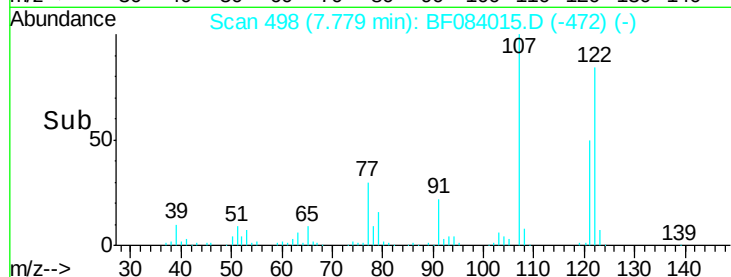
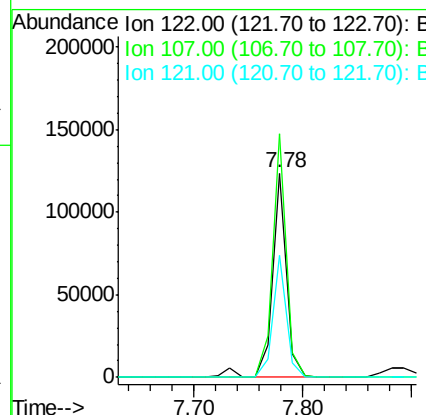
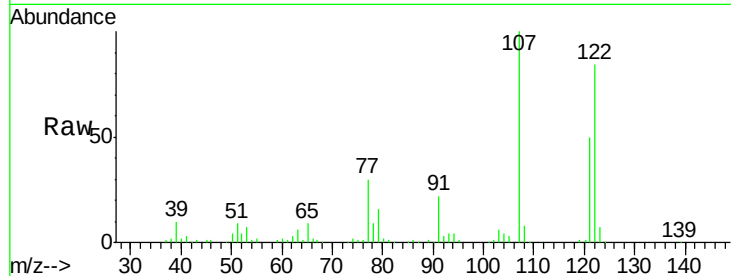
#27
2,4-Dimethylphenol
Concen: 43.27 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	113896		
107	119.3	99.1	148.7	
121	59.8	47.9	71.9	

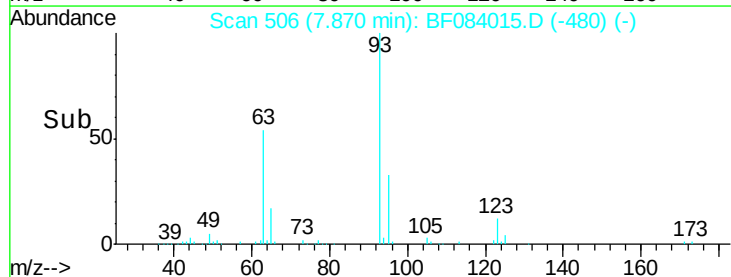
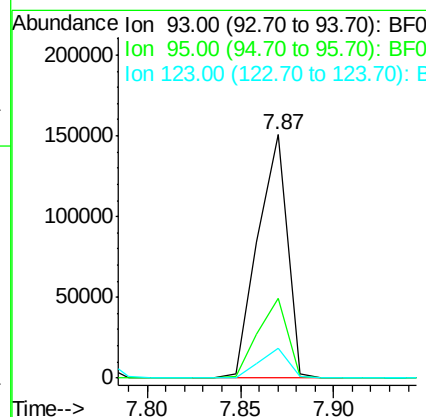
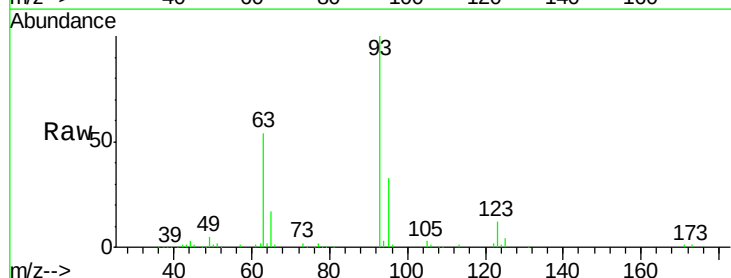
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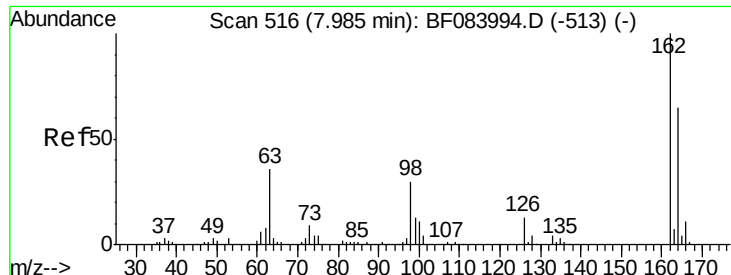
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#28
bis(2-Chloroethoxy)methane
Concen: 51.59 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164854		
95	32.7	25.8	38.6	
123	12.2	8.6	12.8	





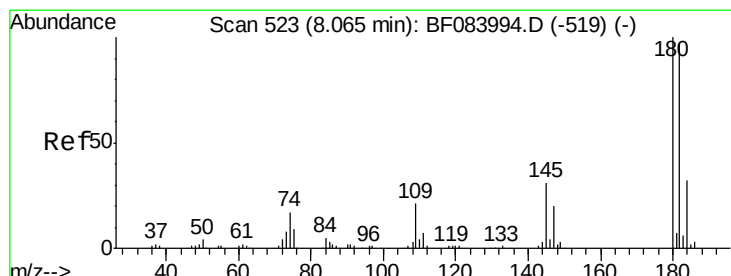
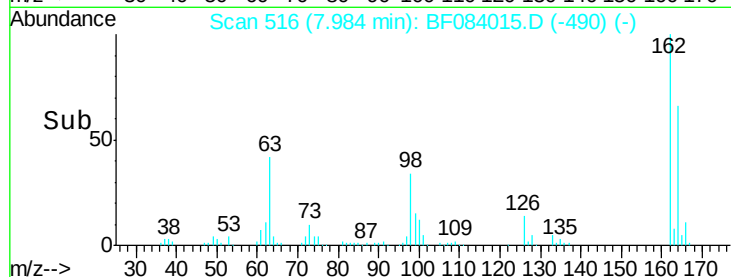
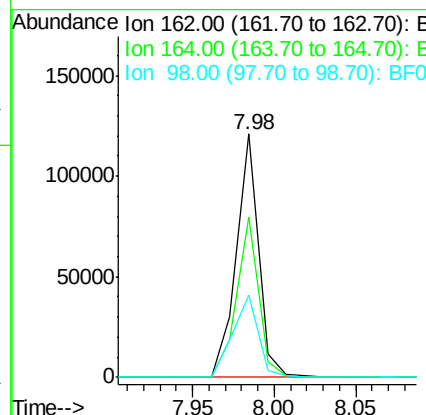
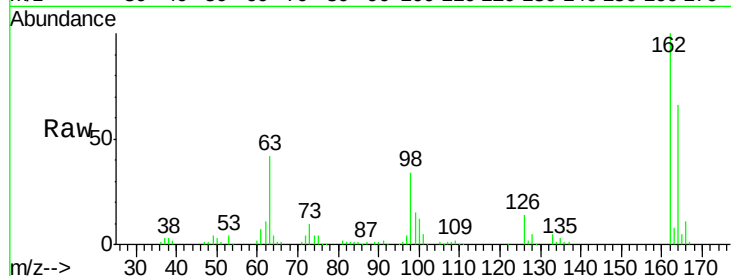
#29
 2,4-Dichlorophenol
 Concen: 48.09 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.8	44.1	84.1	
98	33.6	20.2	60.2	

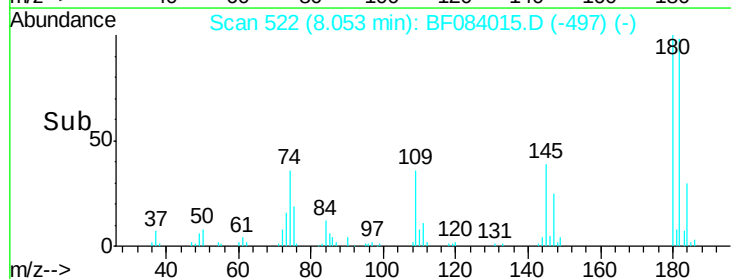
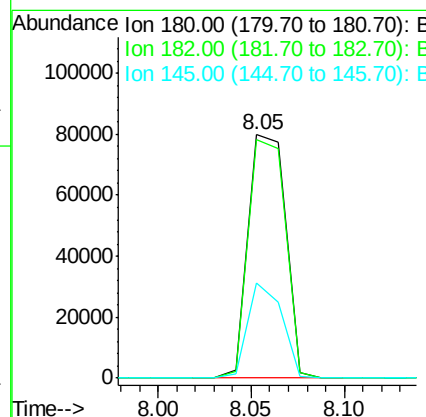
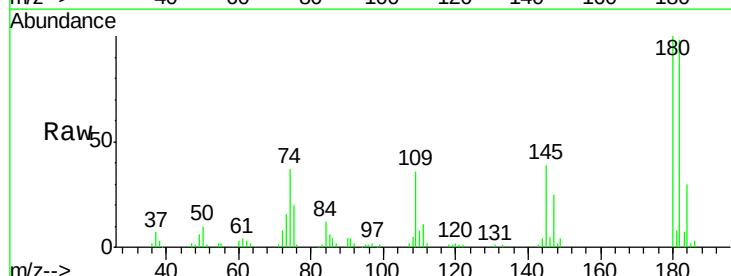
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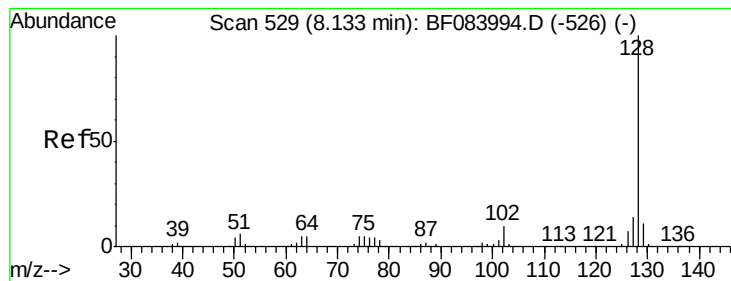
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.18 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.9	76.4	114.6	
145	39.3	31.6	47.4	





#31

Naphthalene

Concen: 45.94 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

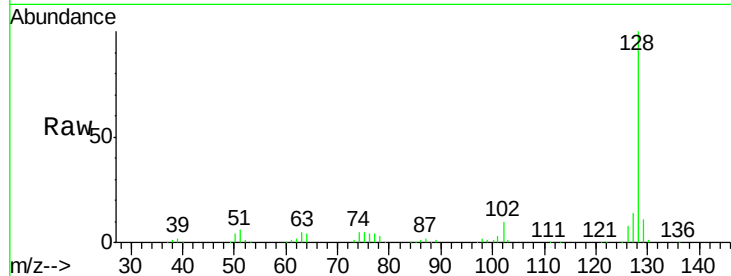
ClientSampleId :

20151214MGP209BRV46.5MSD

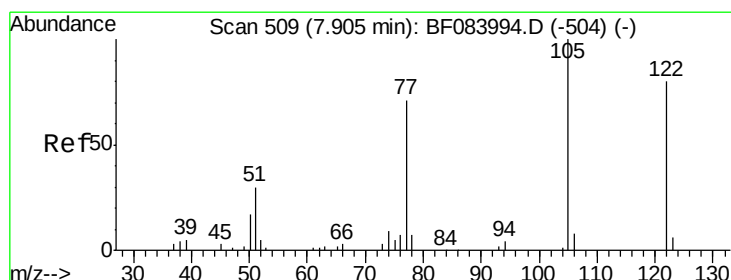
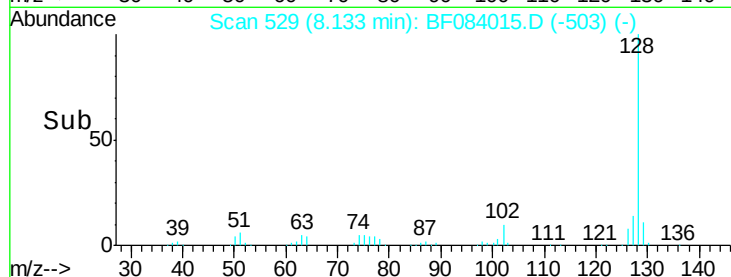
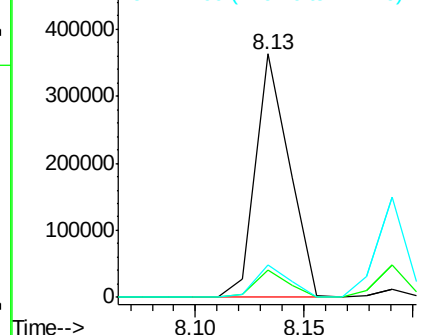
Tot Ion:	128	Resp:	392487
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.1	13.7
127	13.5	11.1	16.7

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 16.61 ng

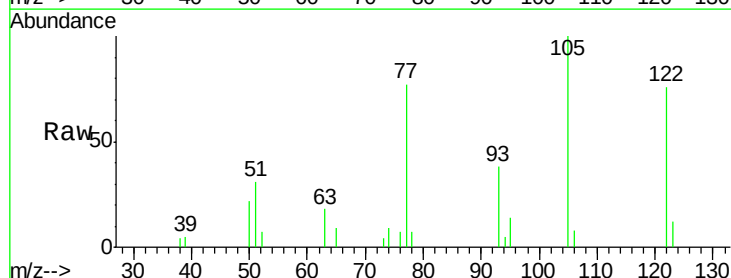
RT: 7.88 min Scan# 507

Delta R.T. -0.02 min

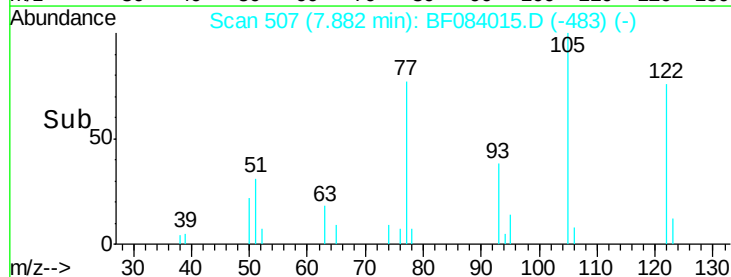
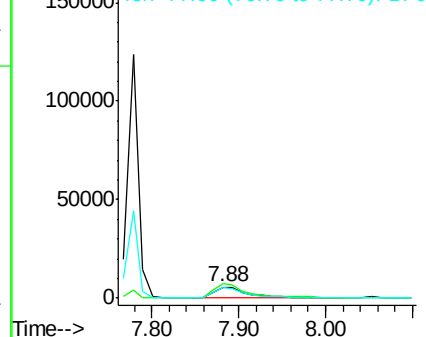
Lab File: BF084015.D

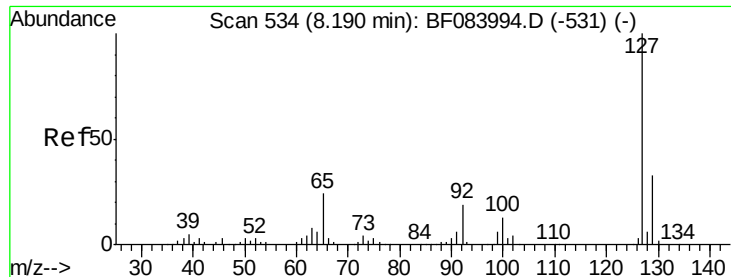
Acq: 23 Dec 2015 3:48

Tgt Ion:	122	Resp:	15461
Ion Ratio	Lower	Upper	
122	100		
105	131.1	100.3	140.3
77	101.0	63.5	103.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





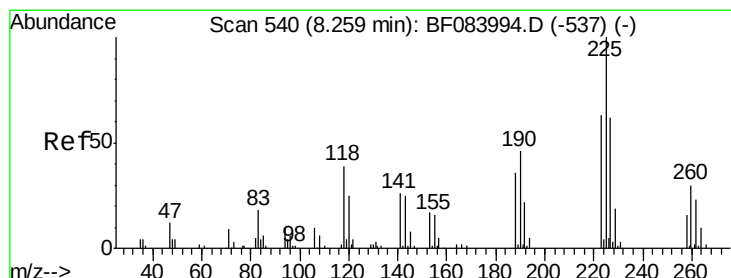
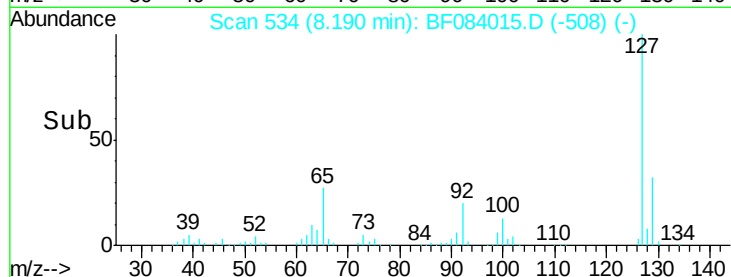
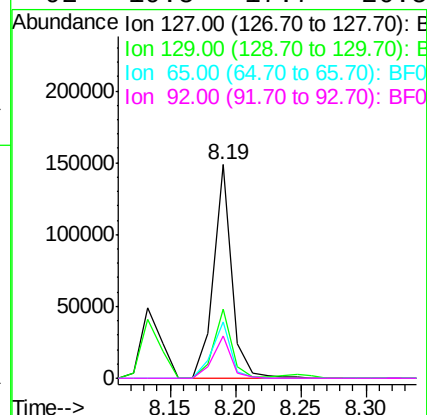
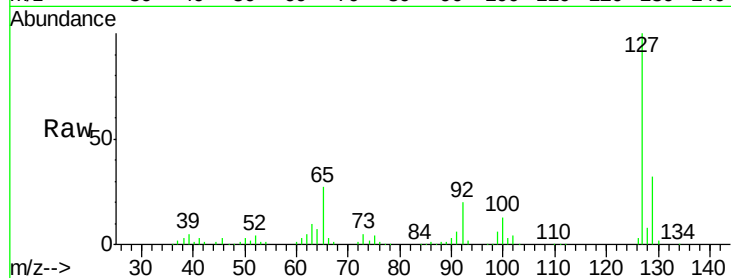
#33
4-Chloroaniline
Concen: 41.45 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.5	39.7		
65	26.6	27.2	40.8		
92	19.5	17.7	26.5		

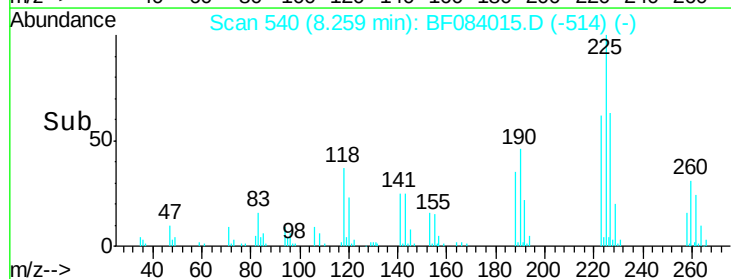
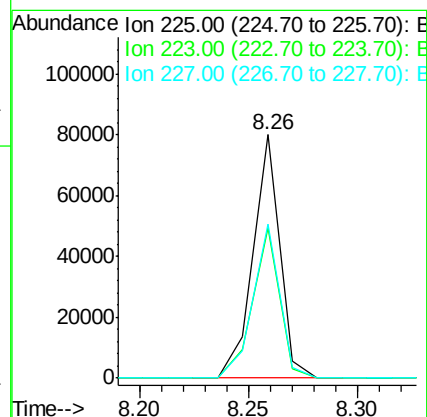
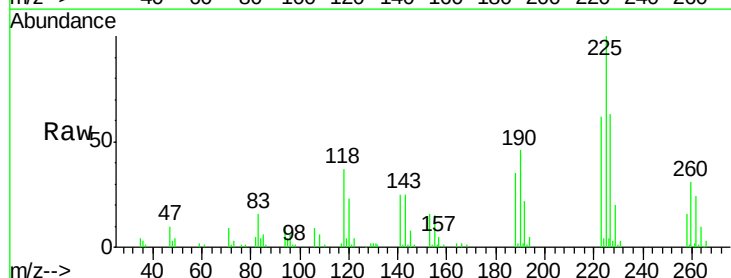
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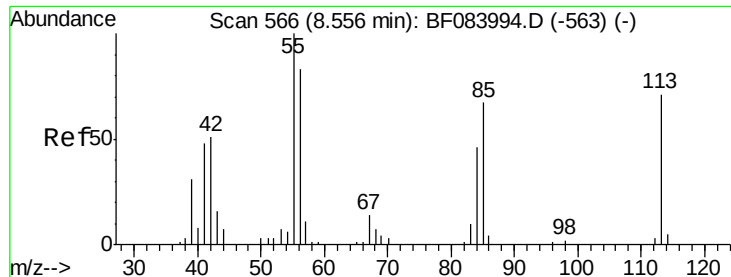
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#34
Hexachlorobutadiene
Concen: 46.45 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	49.4	74.0		
227	63.2	50.8	76.2		





#35

Caprolactam

Concen: 7.53 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

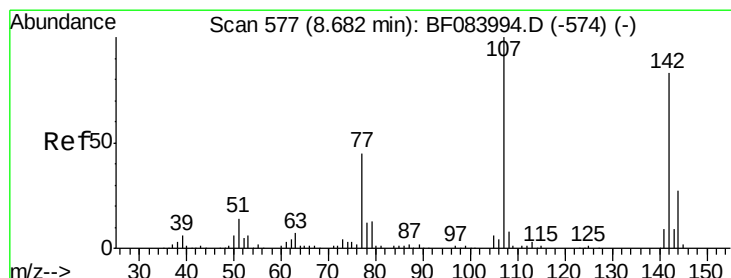
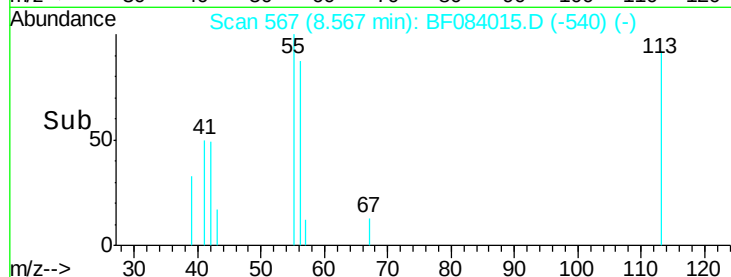
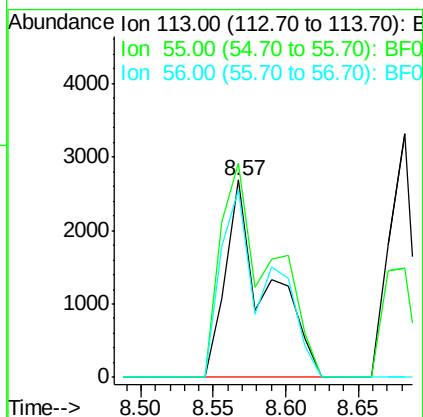
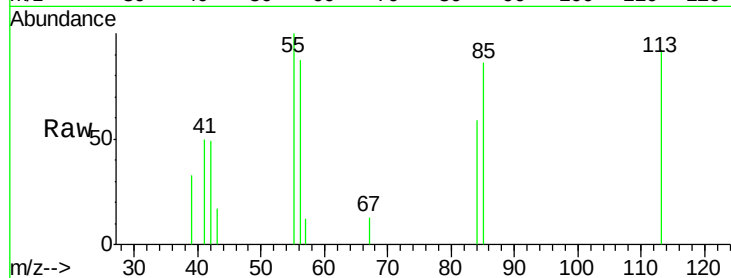
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	113	Resp:	5320
Ion Ratio	Lower	Upper	
113	100		
55	108.8	116.9	156.9#
56	95.0	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 48.03 ng

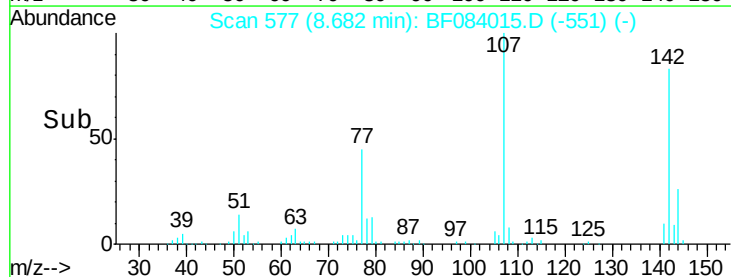
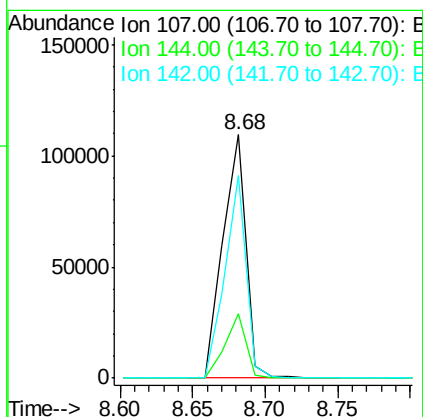
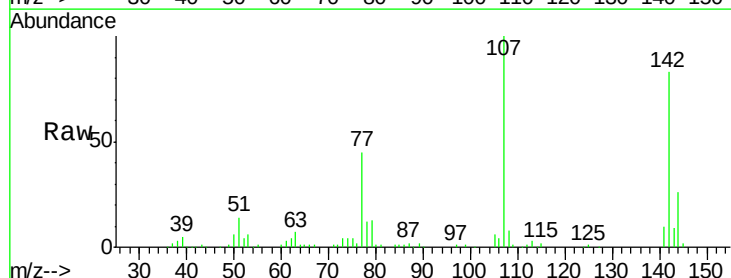
RT: 8.68 min Scan# 577

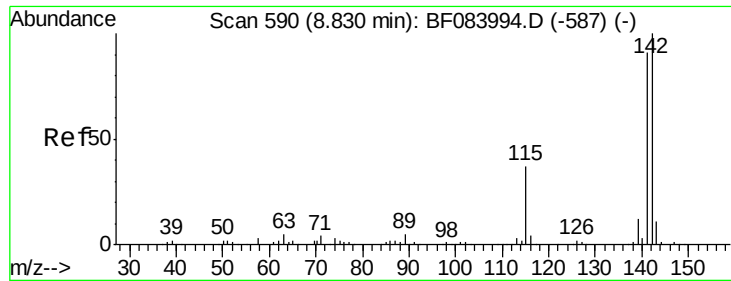
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	107	Resp:	120797
Ion Ratio	Lower	Upper	
107	100		
144	26.4	19.7	29.5
142	83.5	61.8	92.6





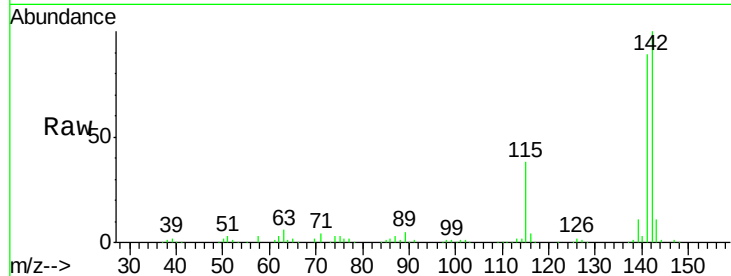
#37
2-Methylnaphthalene
Concen: 53.30 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

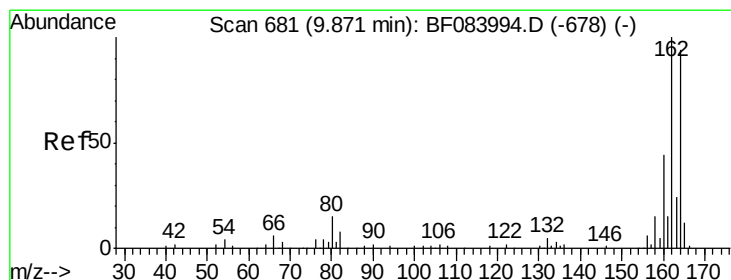
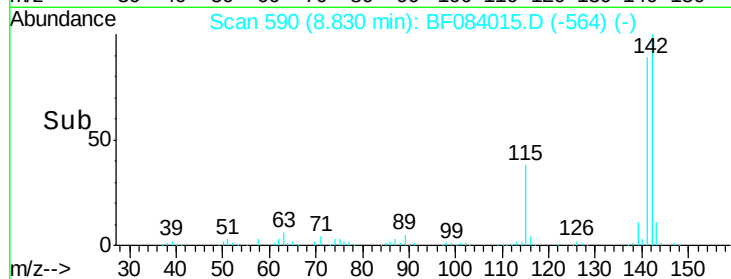
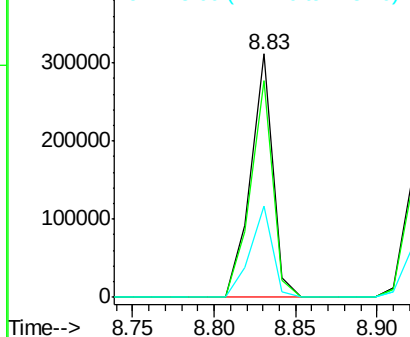
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.4	108.6
115	37.5	27.9	41.9

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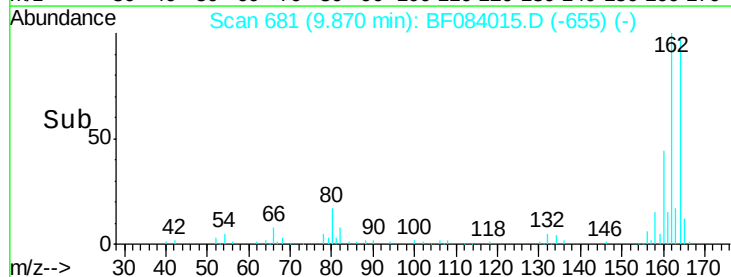
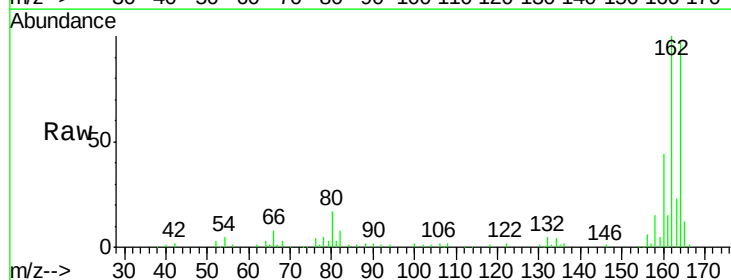
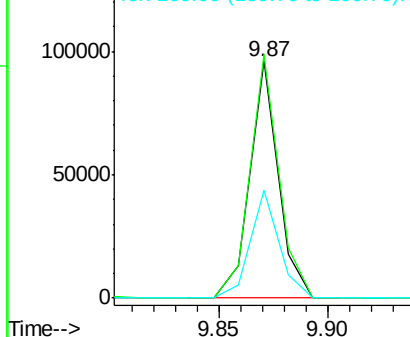
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

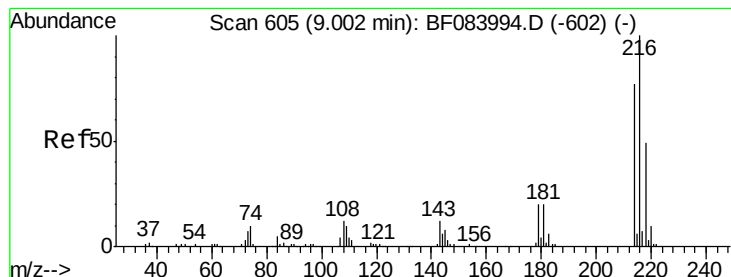


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	45.4	37.5	56.3

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: 48.62 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF084015.D

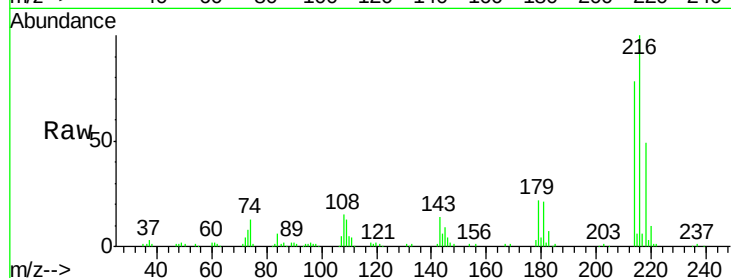
Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

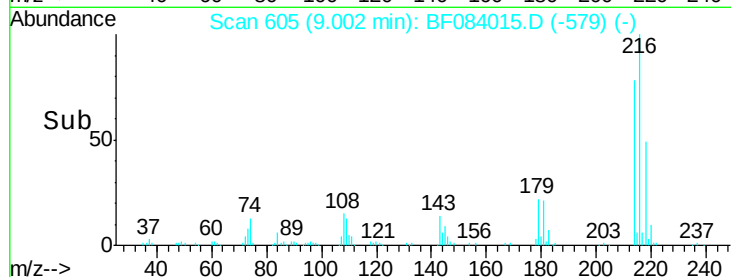
20151214MGP209BRV46.5MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		127099		
214	78.8	64.2	96.2		
179	23.1	18.7	28.1		
108	20.3	16.8	25.2		

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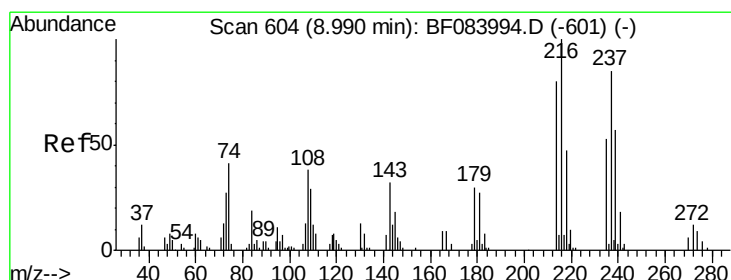
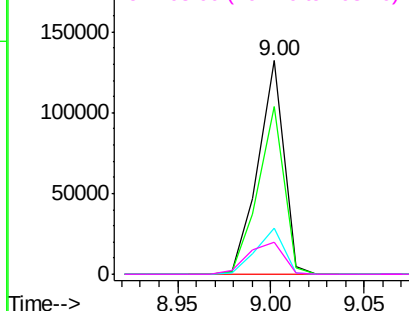


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.99 ng

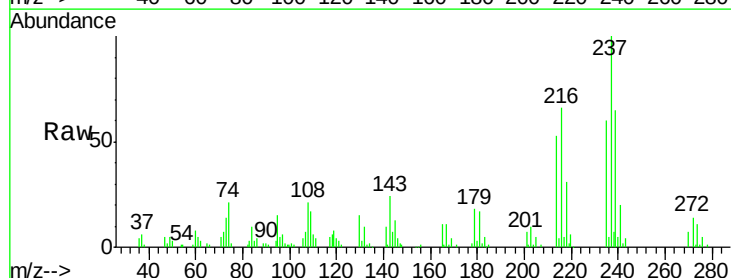
RT: 8.99 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

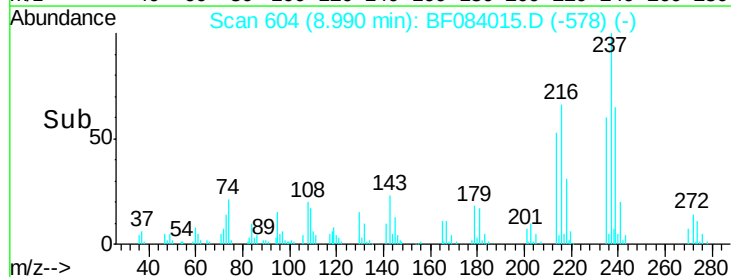
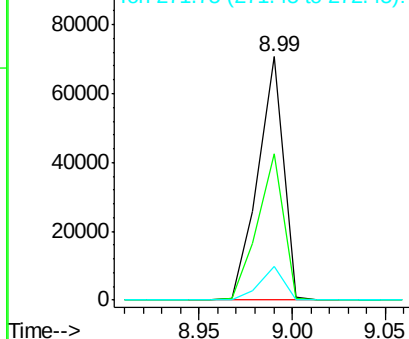
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		67086		
235	60.1	43.1	83.1		
272	13.6	0.0	35.1		

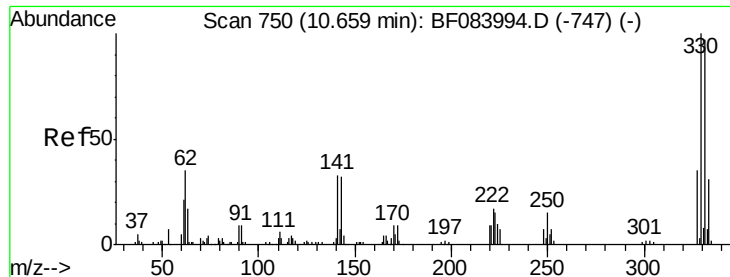


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





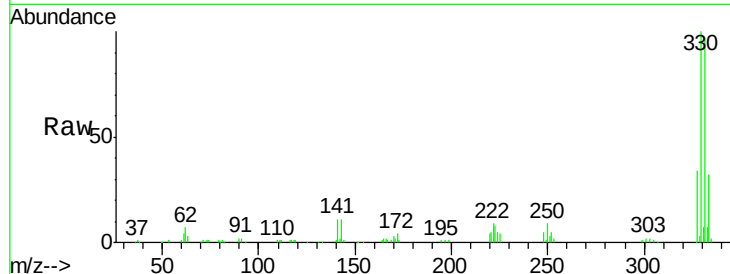
#41
 2,4,6-Tribromophenol
 Concen: 164.90 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

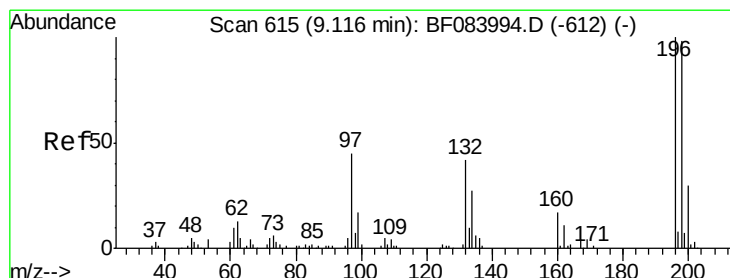
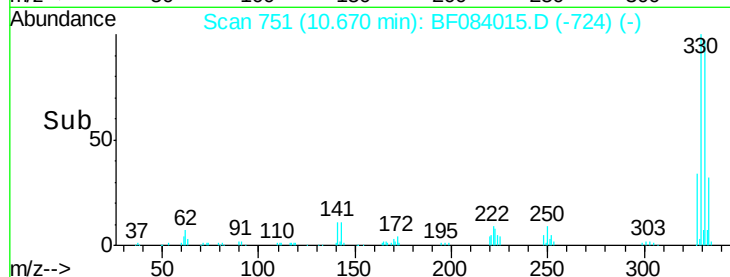
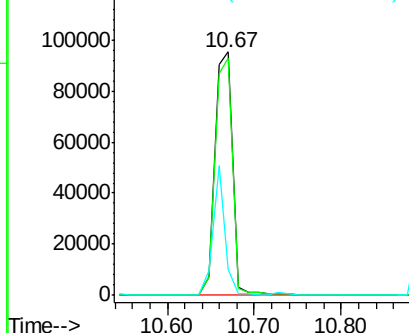
Tot Ion	Ratio	Resp	Lower	Upper
330	100	137918		
332	96.7	76.6	114.8	
141	36.2	27.8	41.6	

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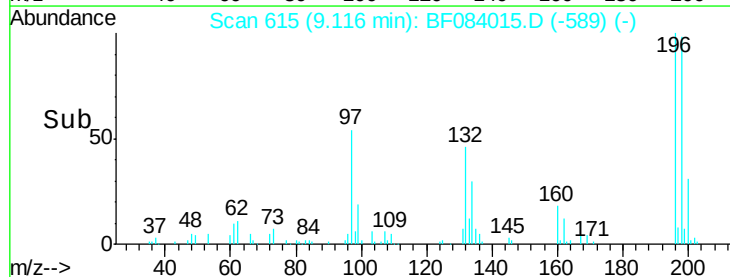
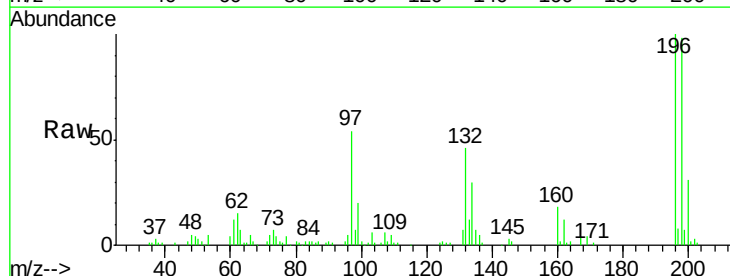
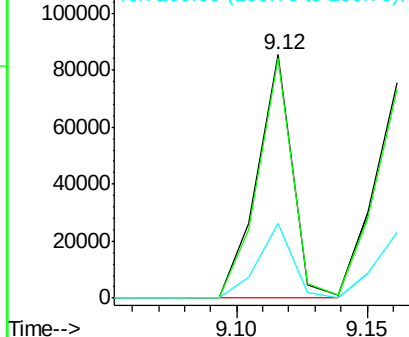
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

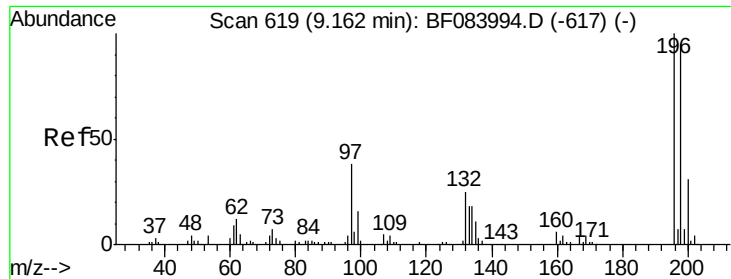


#42
 2,4,6-Trichlorophenol
 Concen: 51.18 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80560		
198	98.3	77.7	116.5	
200	30.8	24.6	37.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





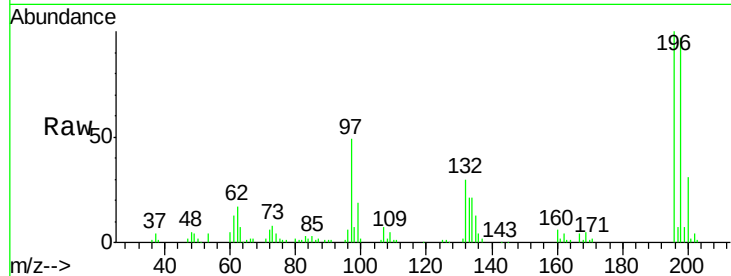
#43
 2,4,5-Trichlorophenol
 Concen: 50.74 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

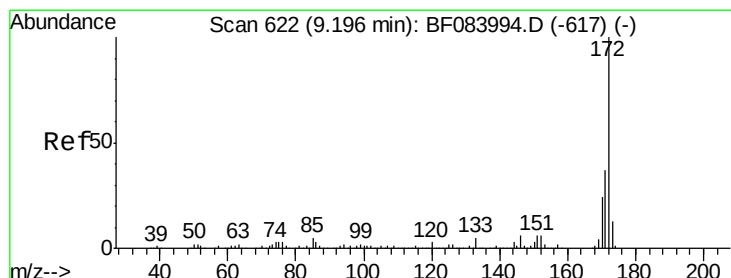
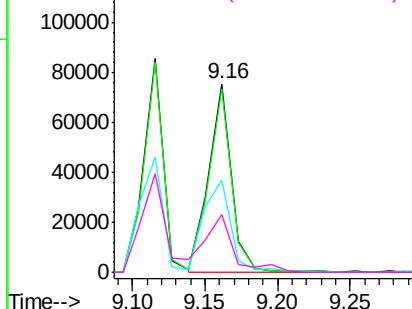
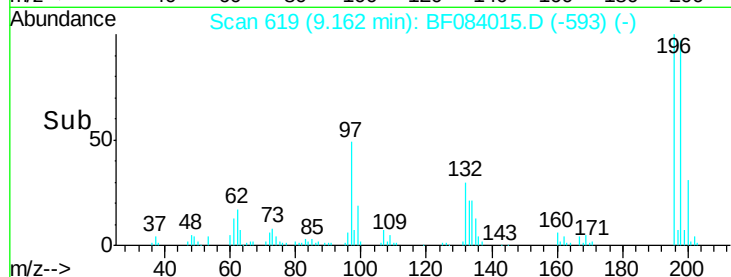
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		83124		
198	97.0	79.0	118.6		
97	49.2	33.0	49.6		
132	30.5	21.1	31.7		

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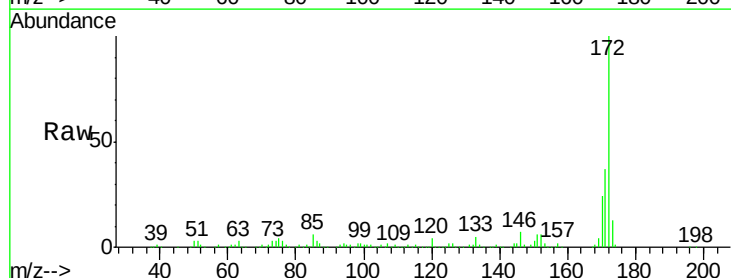


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

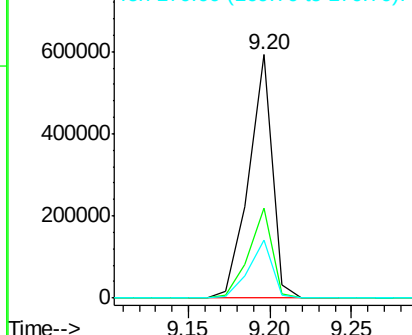
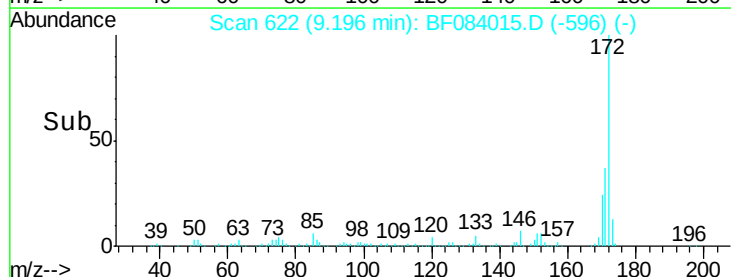


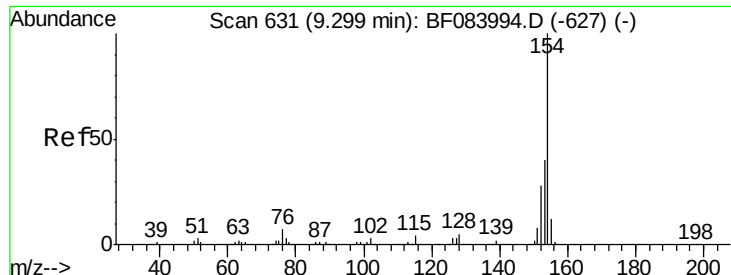
#44
 2-Fluorobiphenyl
 Concen: 91.90 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		593803		
171	36.8	28.9	43.3		
170	23.6	18.6	27.8		



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





#45

1,1'-Biphenyl

Concen: 47.24 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

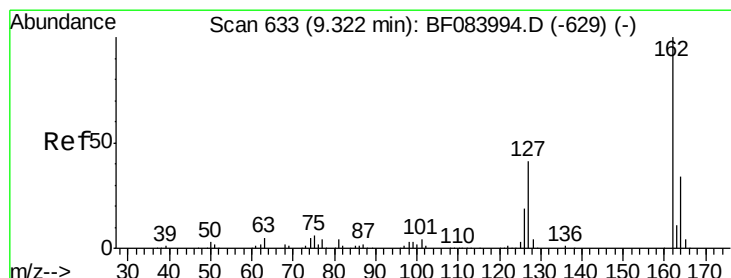
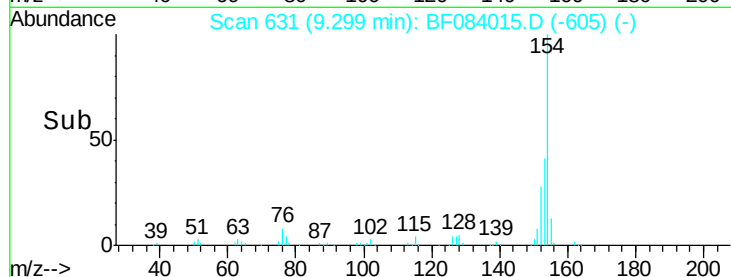
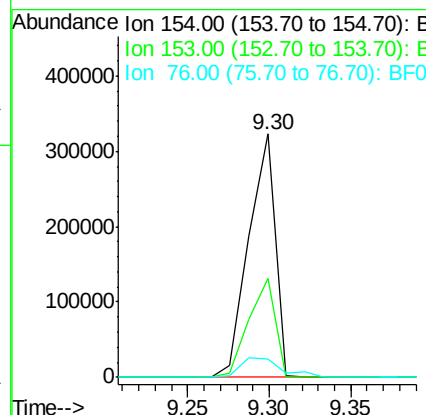
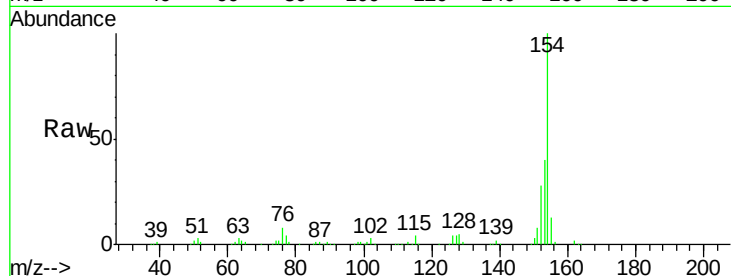
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	154	Resp:	363111
Ion Ratio	Lower	Upper	
154	100		
153	40.5	21.6	61.6
76	7.6	0.0	32.7

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#46

2-Chloronaphthalene

Concen: 50.19 ng

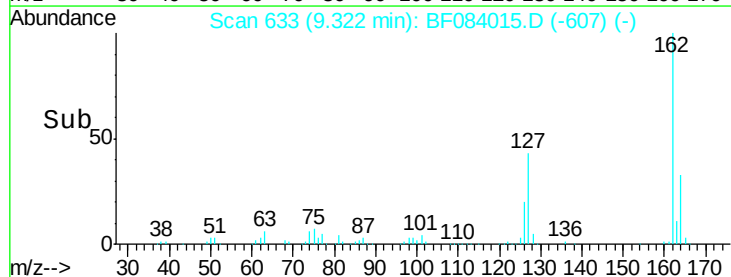
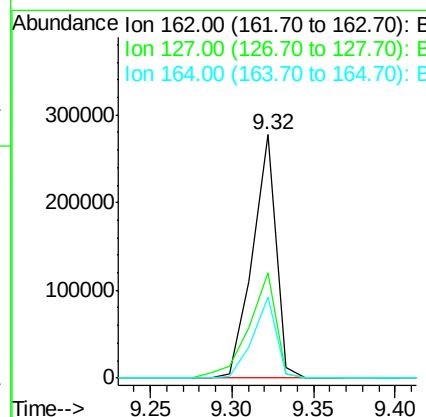
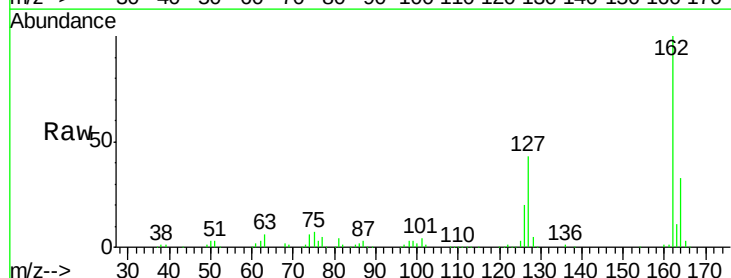
RT: 9.32 min Scan# 633

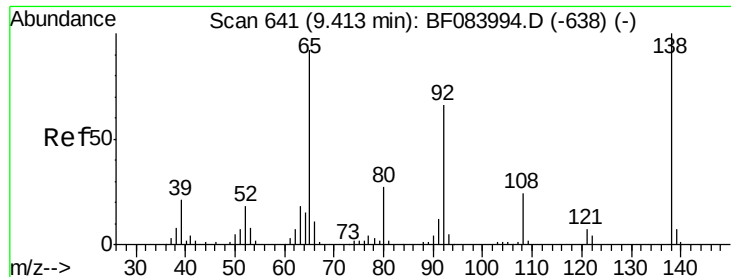
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	162	Resp:	277757
Ion Ratio	Lower	Upper	
162	100		
127	43.2	40.2	60.4
164	33.1	25.7	38.5





#47

2-Nitroaniline

Concen: 46.17 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

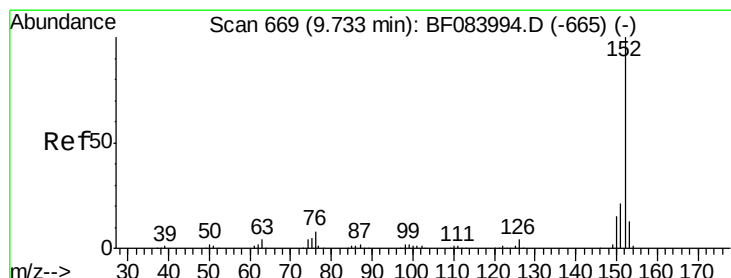
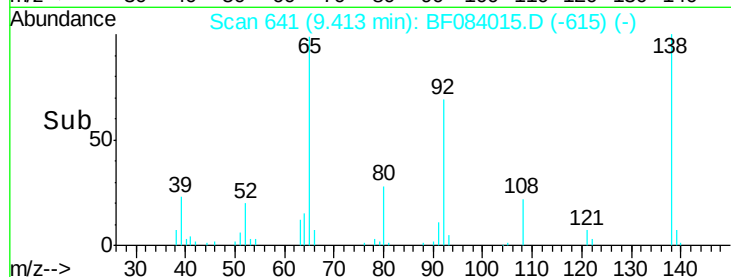
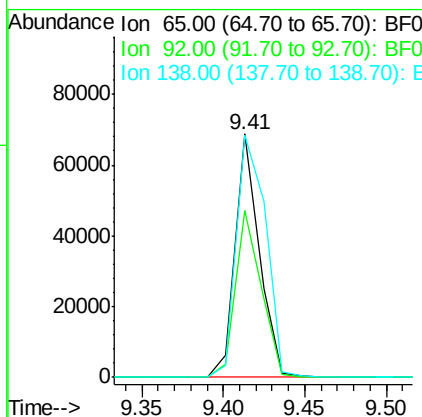
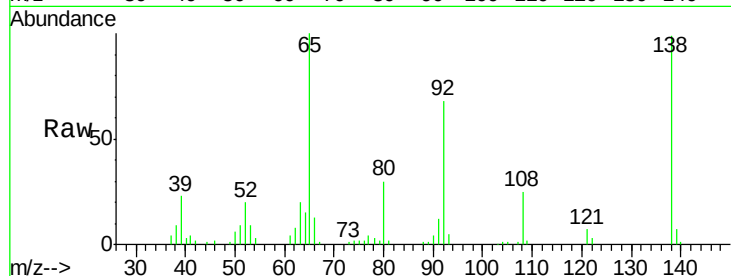
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	65	Resp:	69653
Ion Ratio	Lower	Upper	
65	100		
92	68.4	53.4	80.2
138	99.3	71.1	106.7

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#48

Acenaphthylene

Concen: 49.45 ng

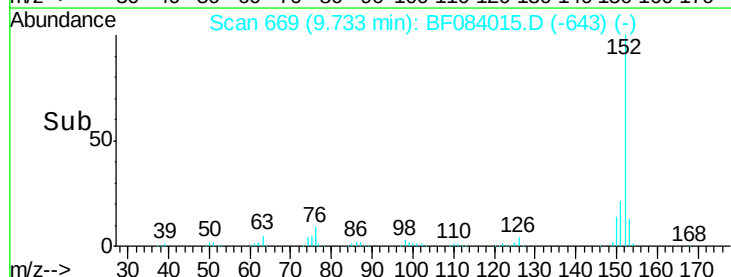
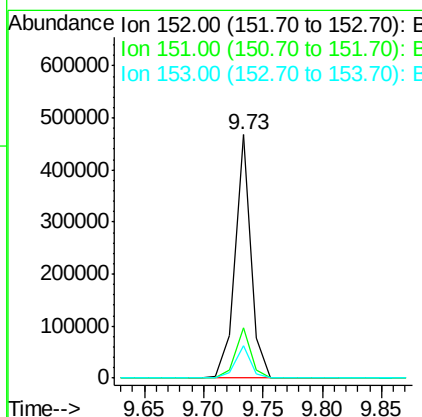
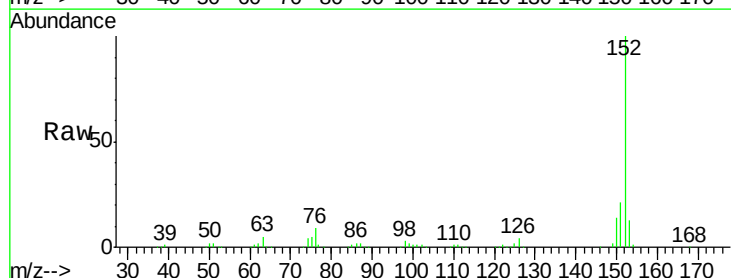
RT: 9.73 min Scan# 669

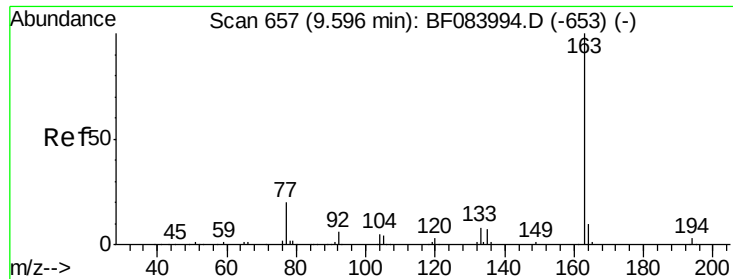
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	152	Resp:	433393
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.2	10.4	15.6





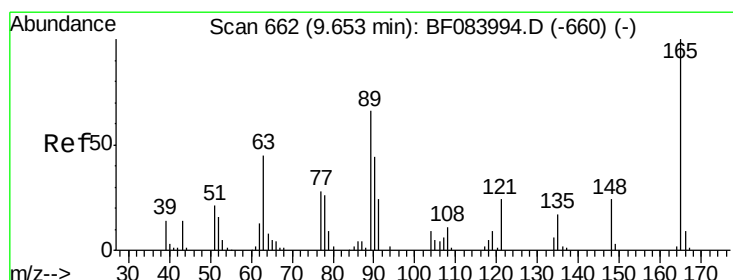
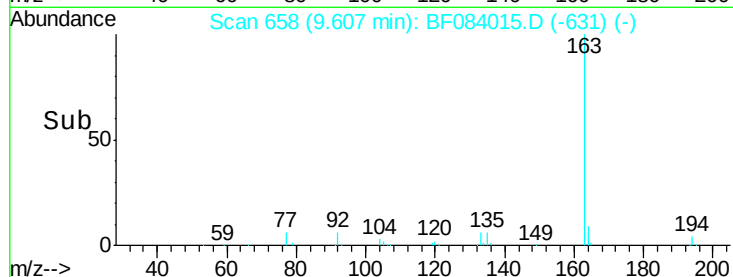
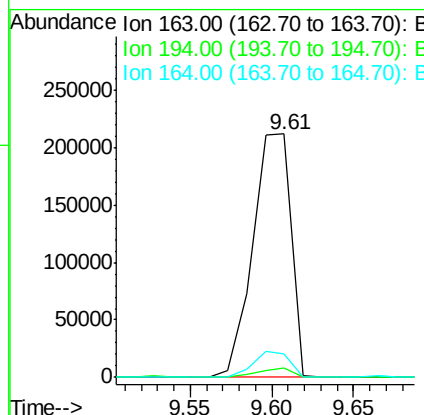
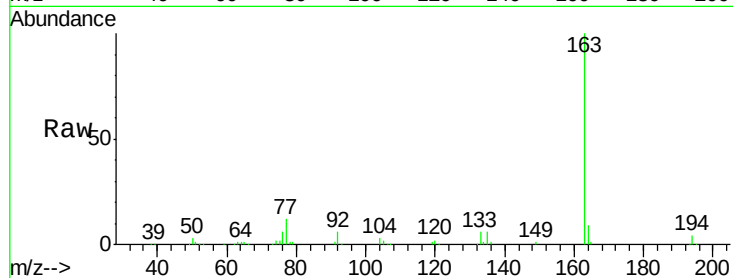
#49
Dimethylphthalate
Concen: 50.60 ng
RT: 9.61 min Scan# 658
Delta R.T. 0.01 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.4	8.0	12.0

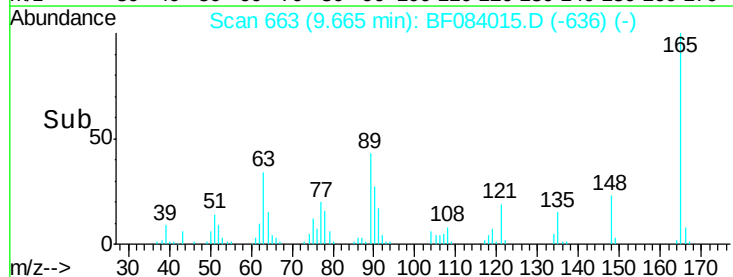
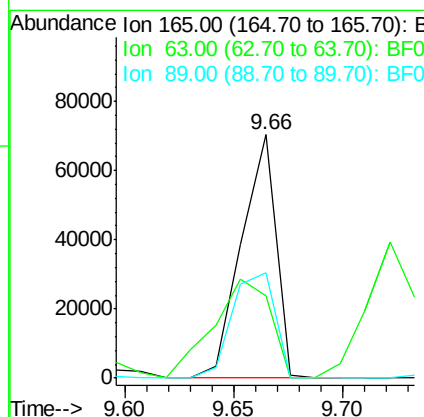
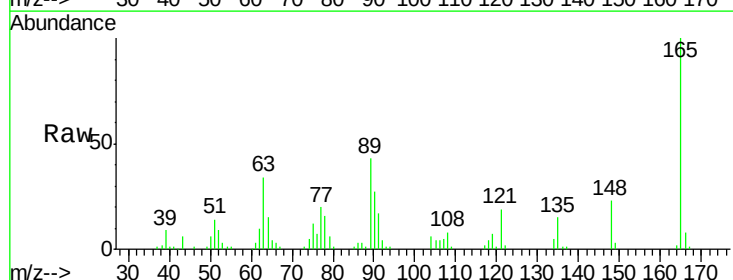
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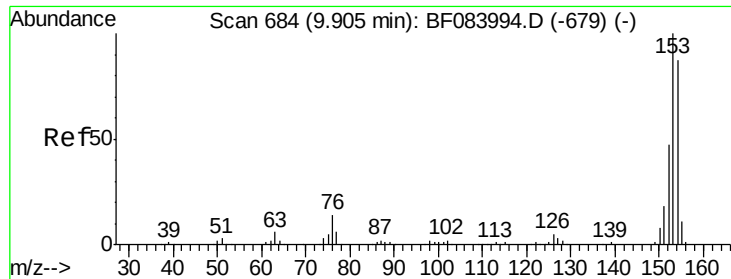
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#50
2,6-Dinitrotoluene
Concen: 54.02 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	33.6	28.8	43.2
89	43.3	35.1	52.7





#51

Acenaphthene

Concen: 49.19 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

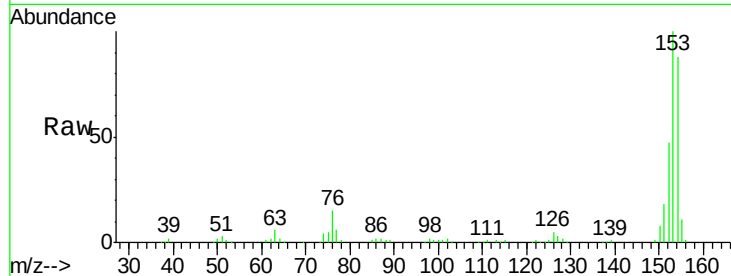
ClientSampleId :

20151214MGP209BRV46.5MSD

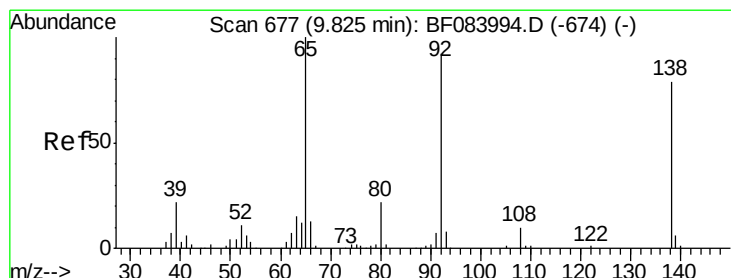
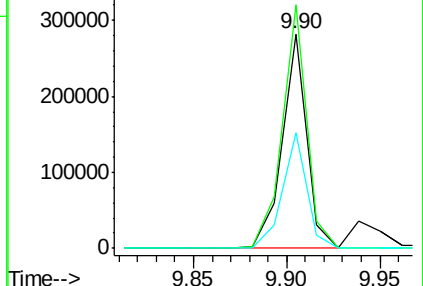
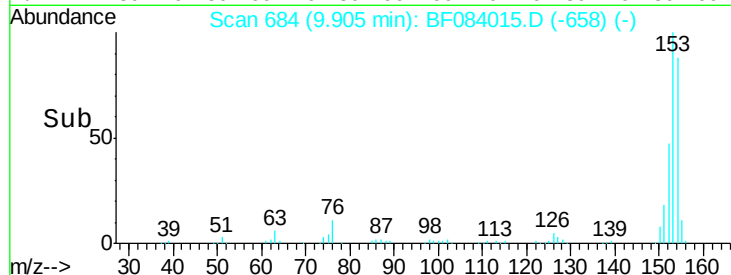
Tot Ion:	154	Resp:	256296
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.5	137.3
152	54.0	43.0	64.6

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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: 37.77 ng

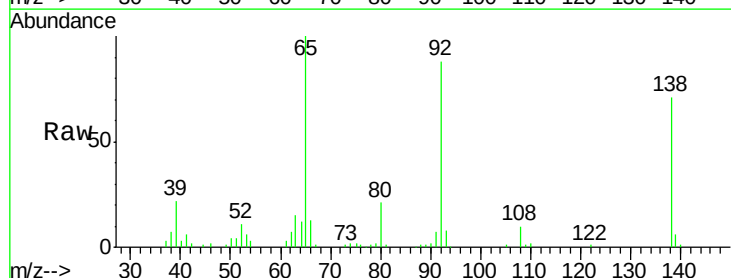
RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

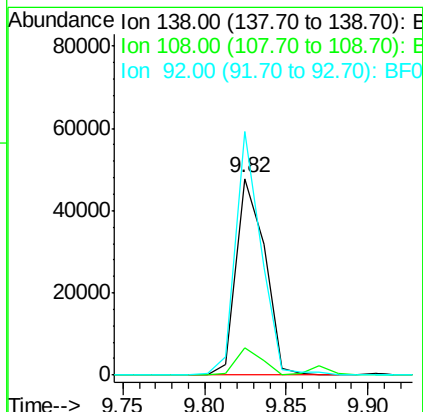
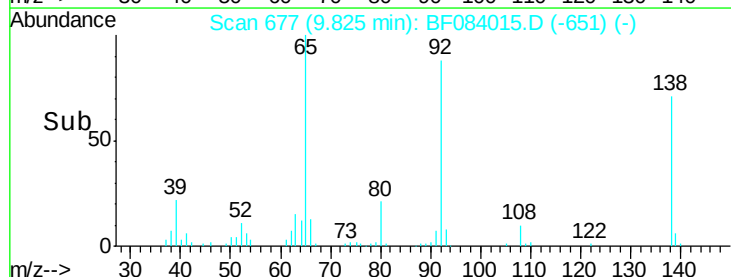
Lab File: BF084015.D

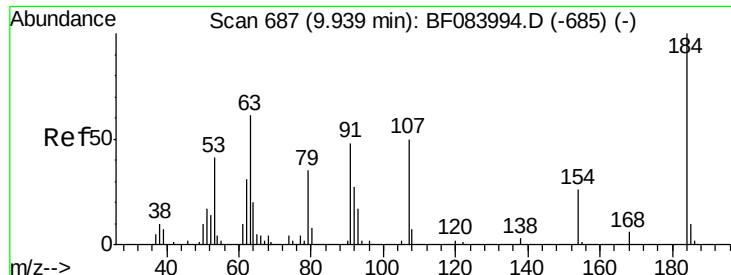
Acq: 23 Dec 2015 3:48

Tgt Ion:	138	Resp:	57609
Ion Ratio	Lower	Upper	
138	100		
108	13.9	10.5	15.7
92	124.0	103.9	155.9



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





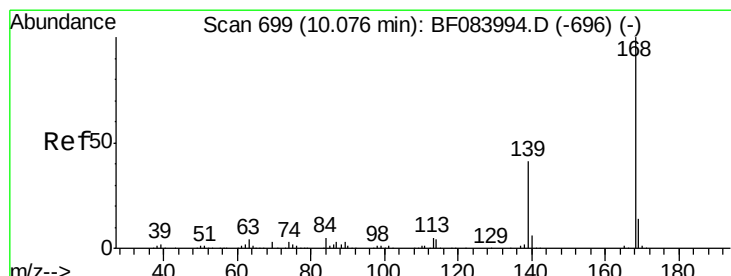
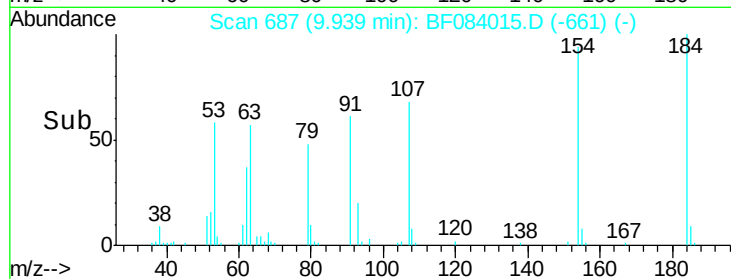
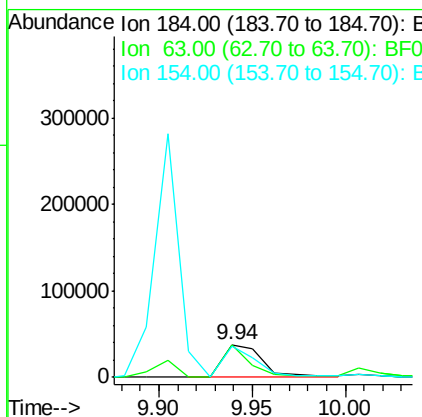
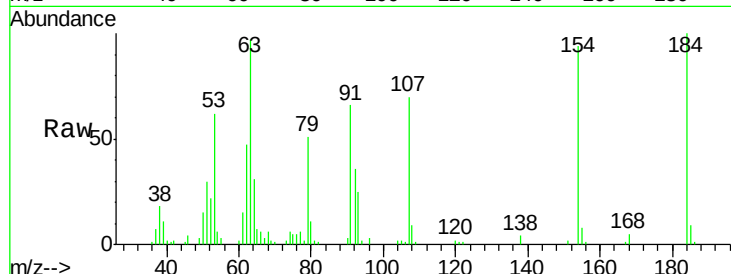
#53
 2,4-Dinitrophenol
 Concen: 92.33 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.1	43.1	64.7#	
154	93.7	60.5	90.7#	

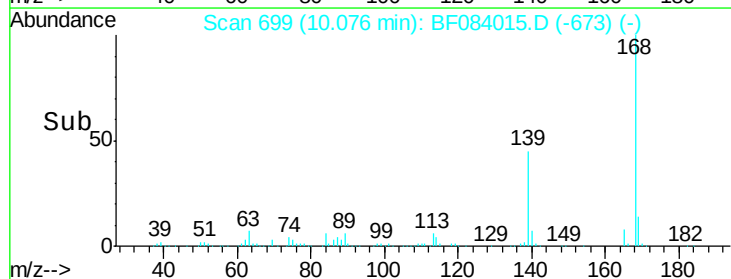
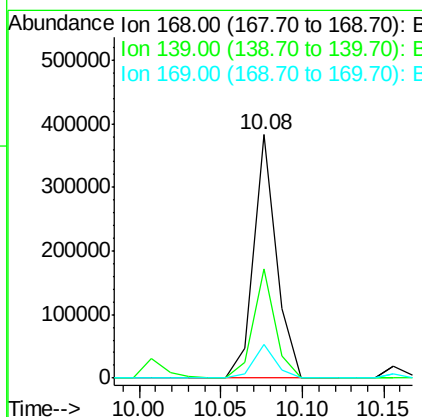
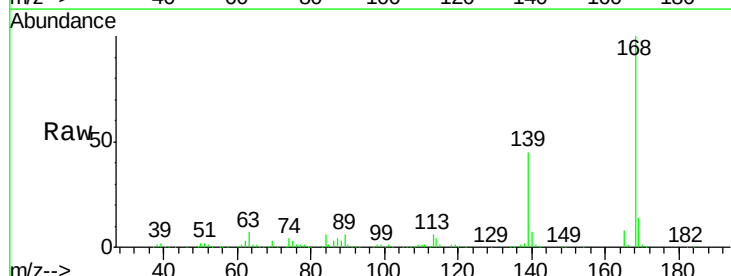
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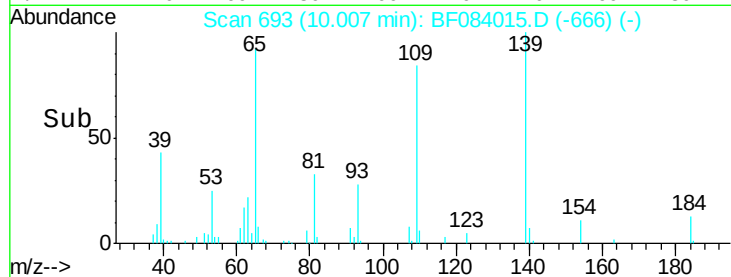
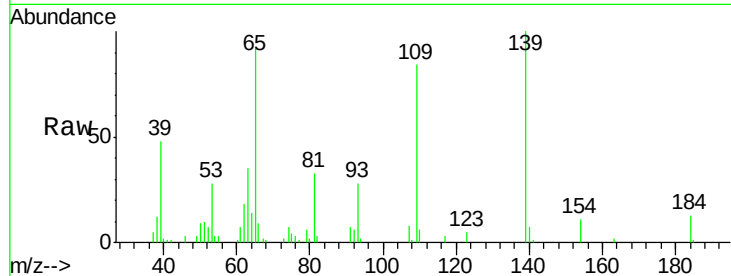
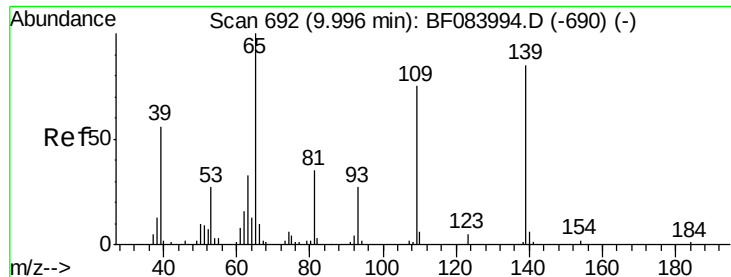
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#54
 Dibenzofuran
 Concen: 47.57 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.8	30.5	45.7	
169	13.7	10.4	15.6	





#55

4-Nitrophenol

Concen: 35.31 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tot Ion:	139	Resp:	31648
Ion Ratio	Lower	Upper	
139	100		
109	83.9	58.5	98.5
65	92.3	57.6	97.6

Instrument :

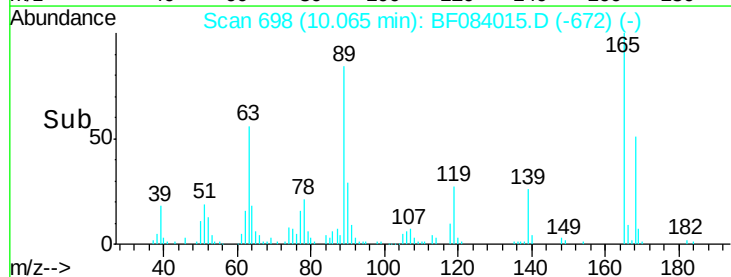
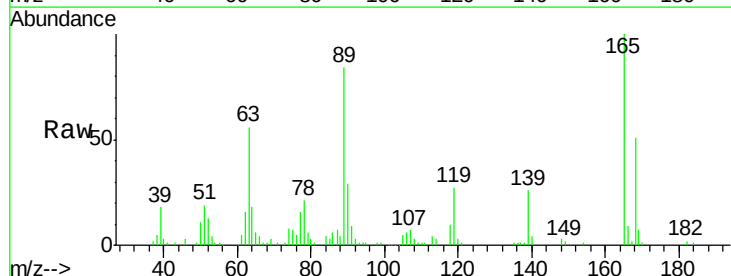
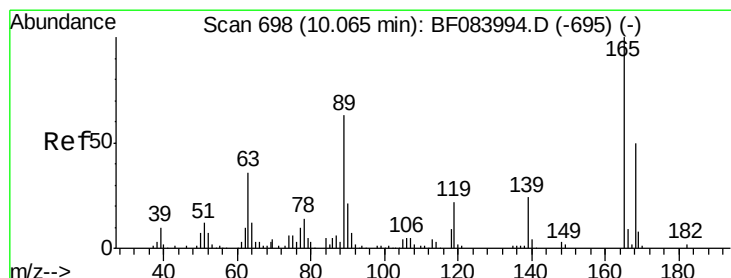
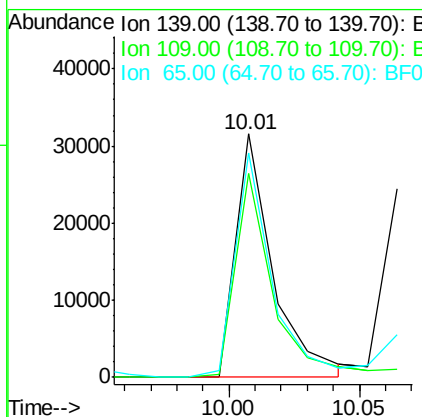
BNA_F

ClientSampleId :

20151214MGP209BRV46.5MSD

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#56

2,4-Dinitrotoluene

Concen: 51.51 ng

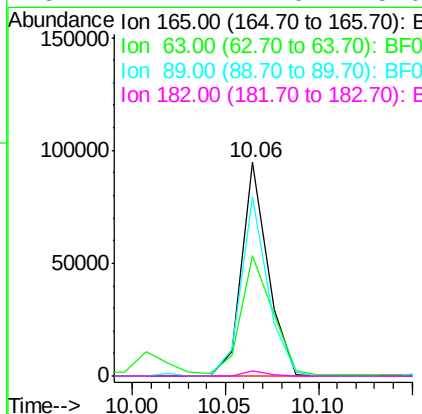
RT: 10.06 min Scan# 698

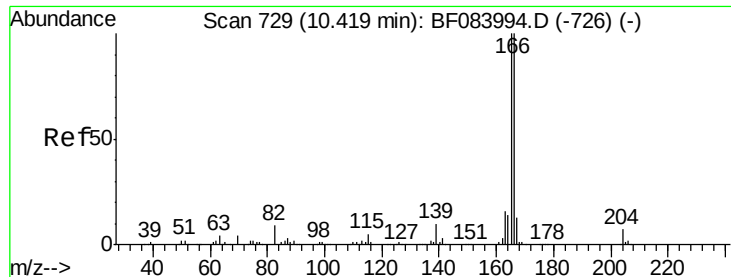
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	165	Resp:	92993
Ion Ratio	Lower	Upper	
165	100		
63	56.1	36.7	55.1#
89	84.0	61.9	92.9
182	2.4	2.0	3.0





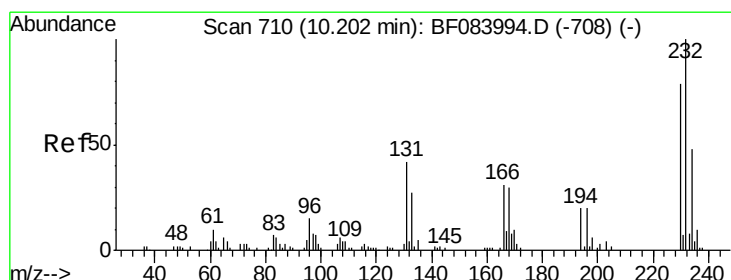
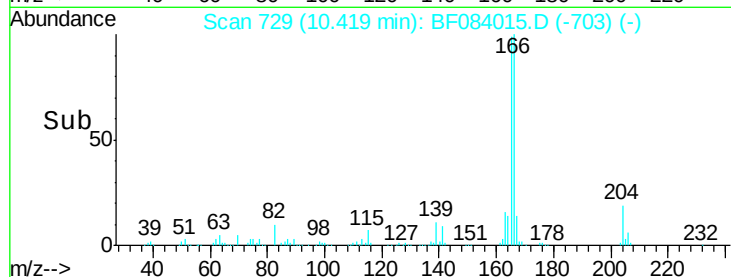
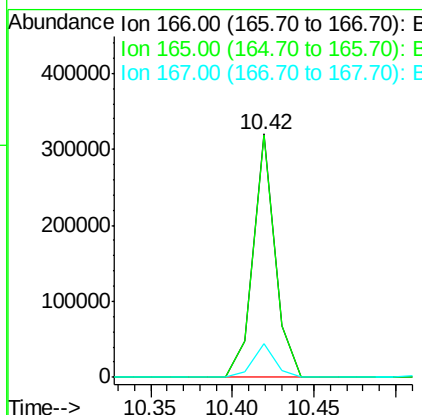
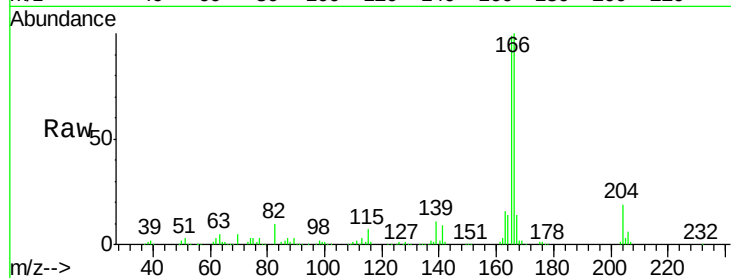
#57
 Fluorene
 Concen: 48.54 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	299951		
165	99.3	79.1	118.7	
167	13.6	10.4	15.6	

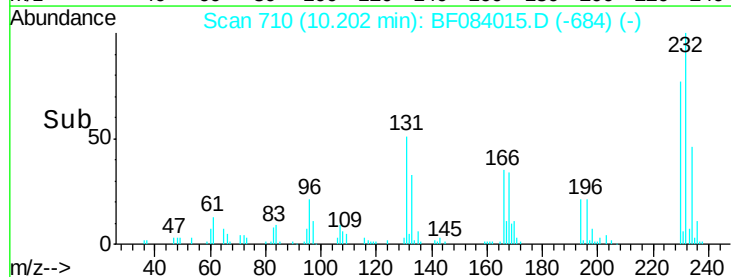
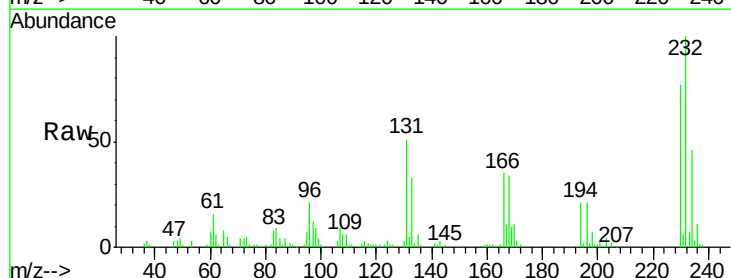
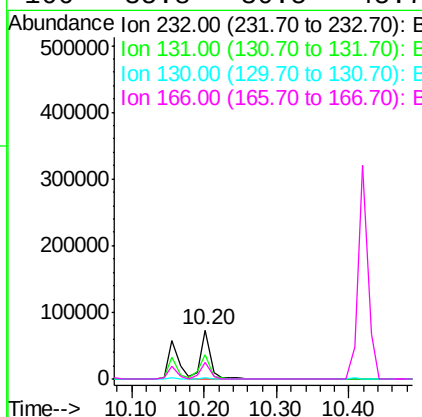
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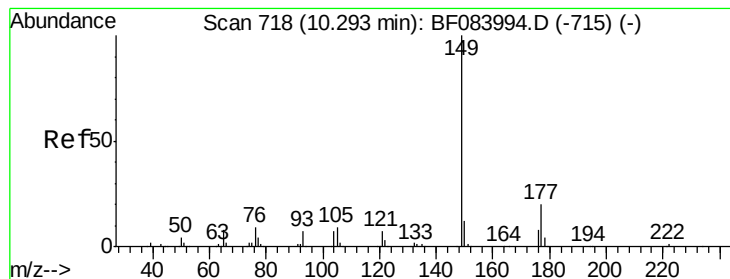
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.18 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69997		
131	53.9	47.0	70.6	
130	2.8	2.0	3.0	
166	35.8	30.5	45.7	





#59

Diethylphthalate

Concen: 51.36 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

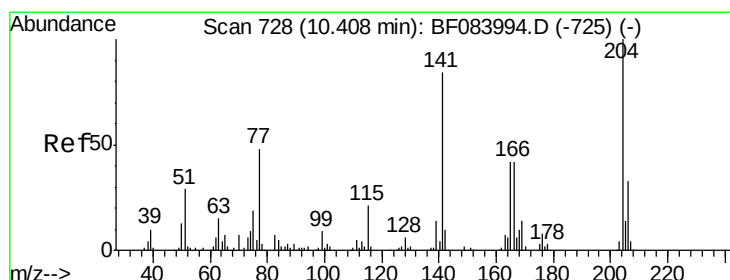
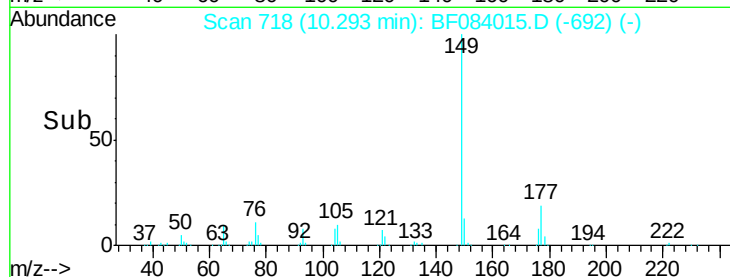
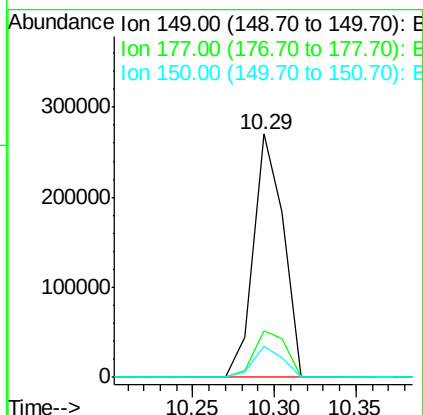
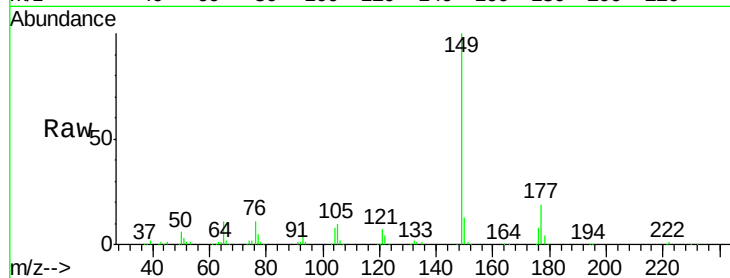
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	149	Resp:	343427
Ion Ratio	Lower	Upper	
149	100		
177	19.0	17.3	25.9
150	12.8	9.8	14.8

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 46.61 ng

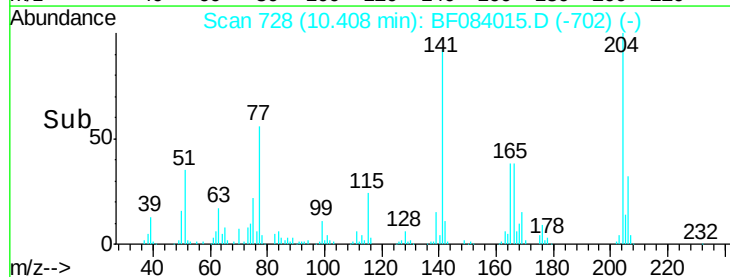
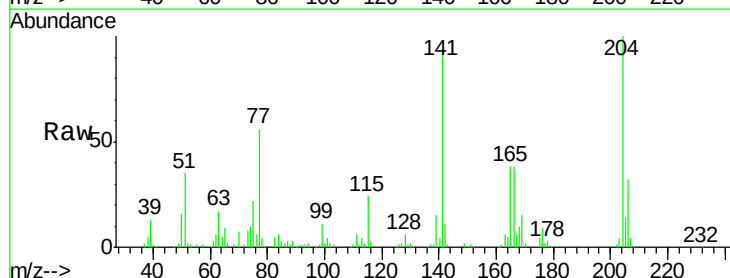
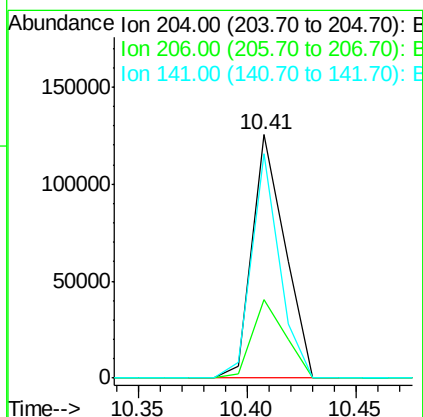
RT: 10.41 min Scan# 728

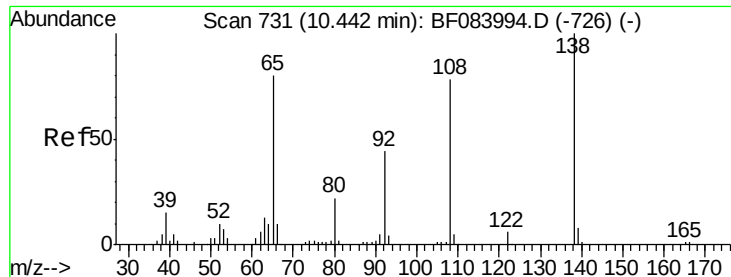
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	204	Resp:	131998
Ion Ratio	Lower	Upper	
204	100		
206	32.4	25.7	38.5
141	92.4	55.1	82.7#





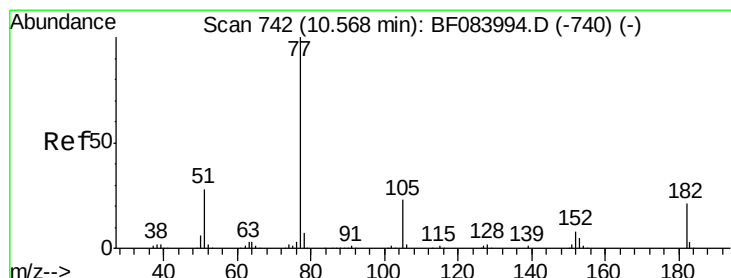
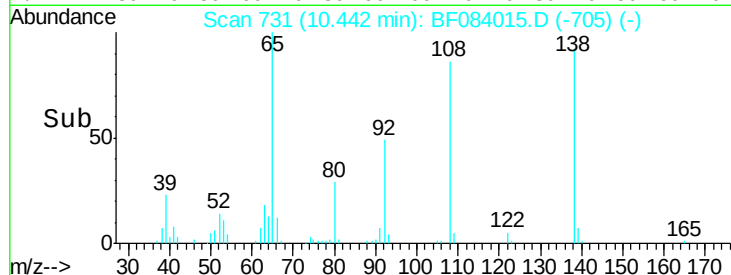
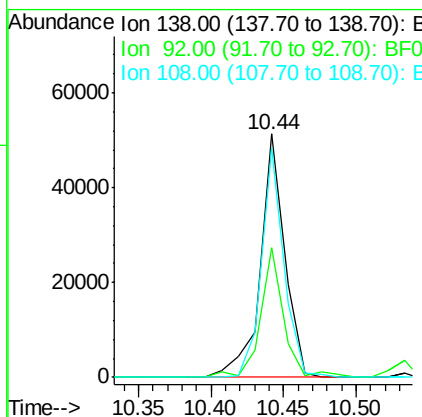
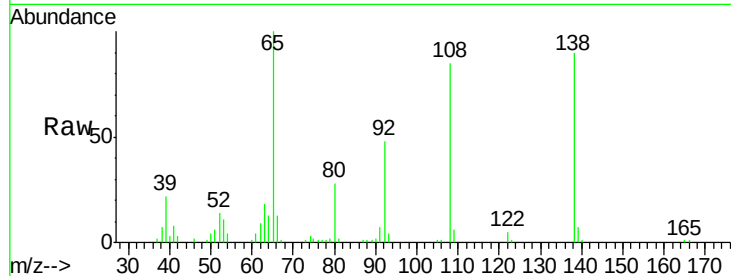
#61
 4-Nitroaniline
 Concen: 38.32 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion:	138	Resp:	59797
Ion Ratio	Lower	Upper	
138	100		
92	53.0	32.6	72.6
108	94.3	68.6	108.6

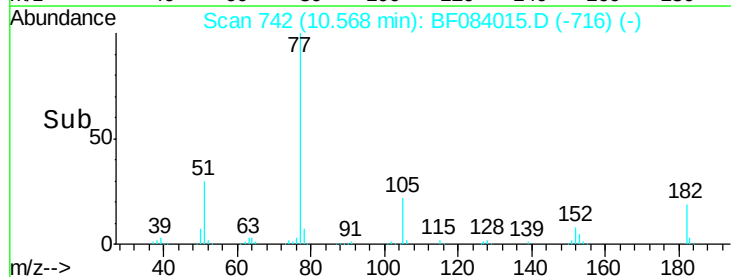
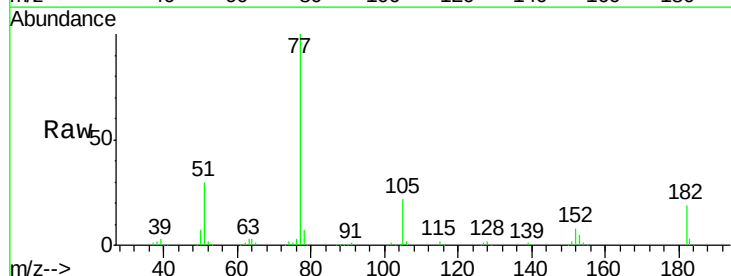
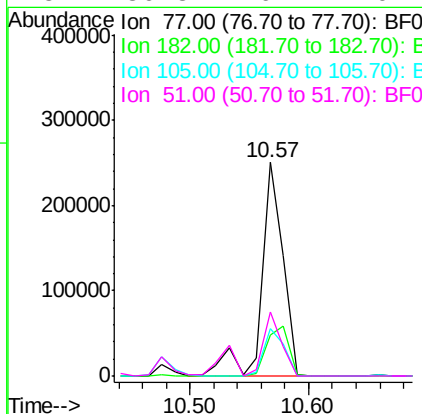
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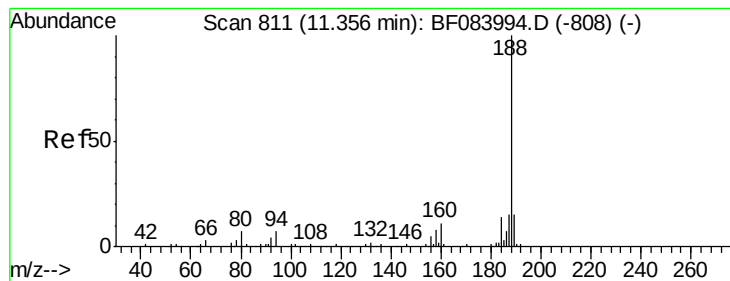
apatel
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#62
 Azobenzene
 Concen: 53.86 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion:	77	Resp:	317968
Ion Ratio	Lower	Upper	
77	100		
182	19.4	8.3	48.3
105	22.1	4.6	44.6
51	30.3	6.2	46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

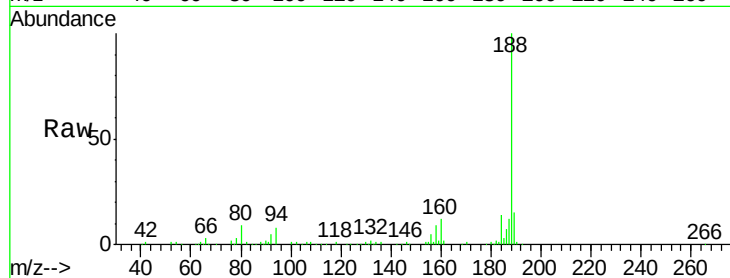
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion	188	Resp	169434
Ion Ratio	Lower	Upper	
188	100		
94	8.3	9.0	13.4#
80	9.0	9.6	14.4#

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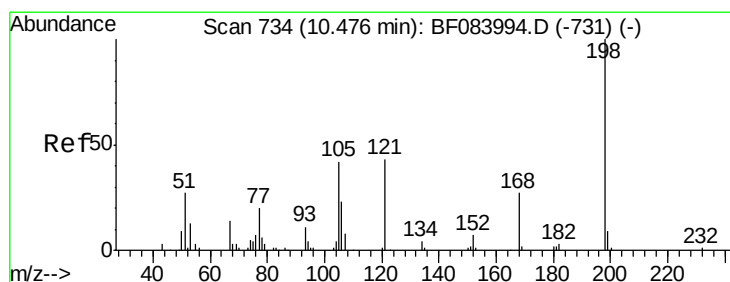
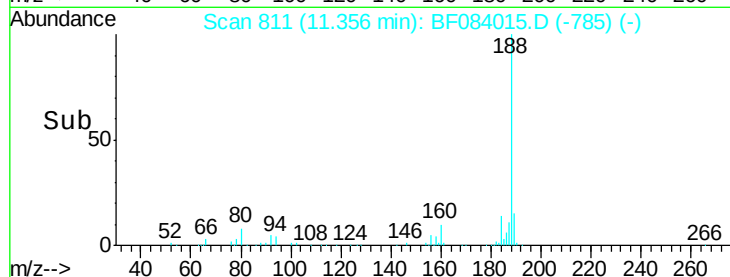
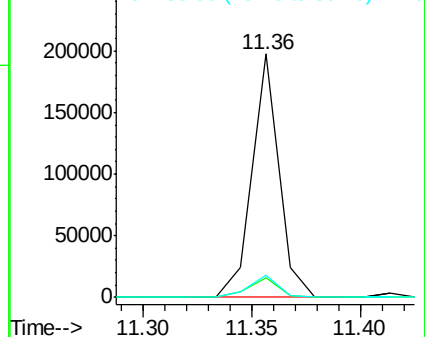
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.06 ng

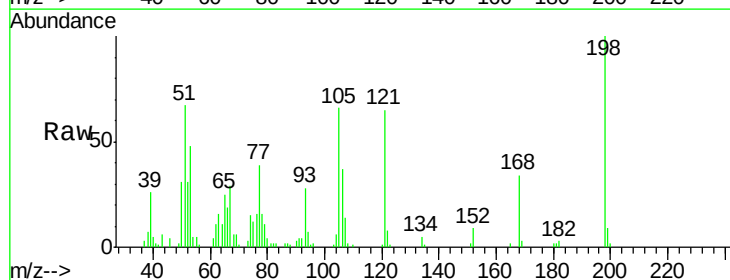
RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

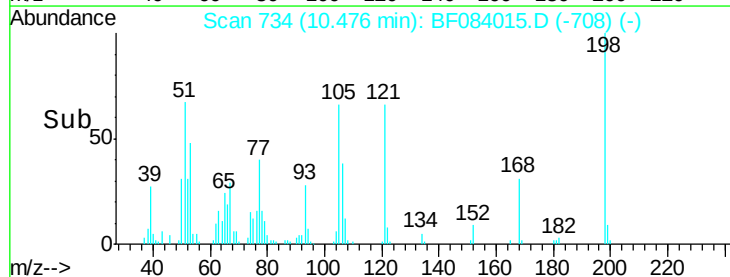
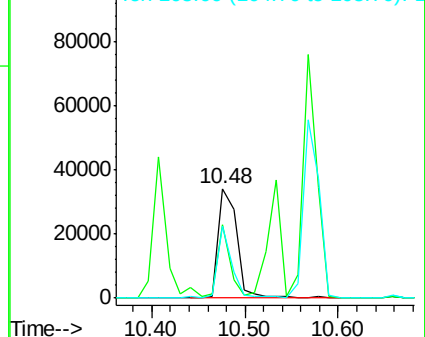
Tgt Ion	198	Resp	46612
Ion Ratio	Lower	Upper	
198	100		
51	66.7	18.9	58.9#
105	65.7	26.4	66.4

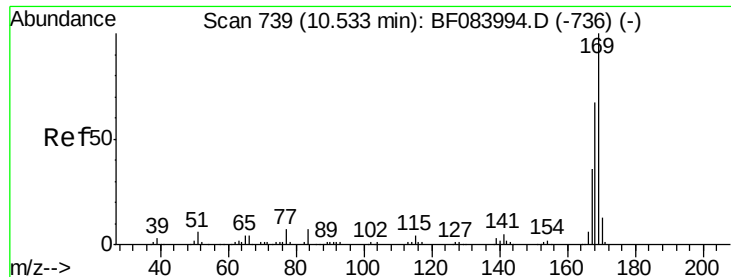


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 45.28 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

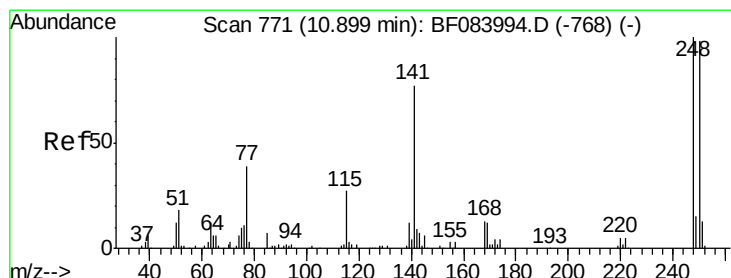
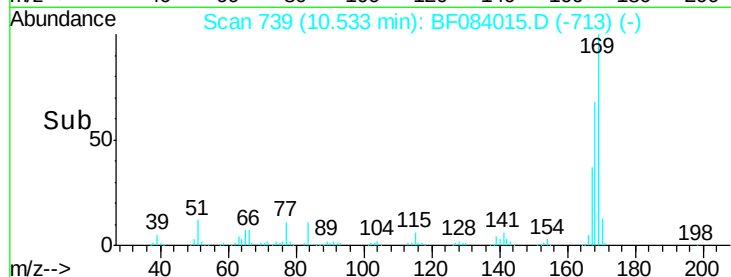
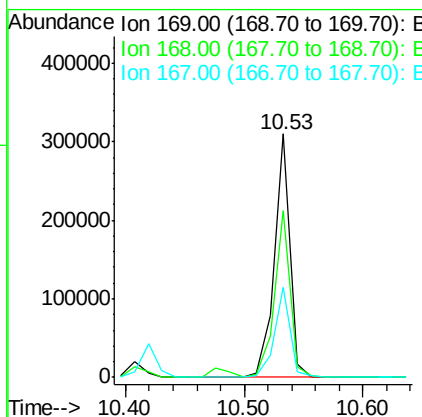
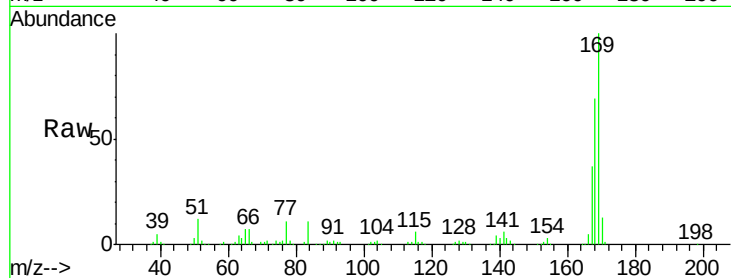
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	169	Resp:	283381
Ion Ratio	Lower	Upper	
169	100		
168	68.6	55.1	82.7
167	37.1	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 46.36 ng

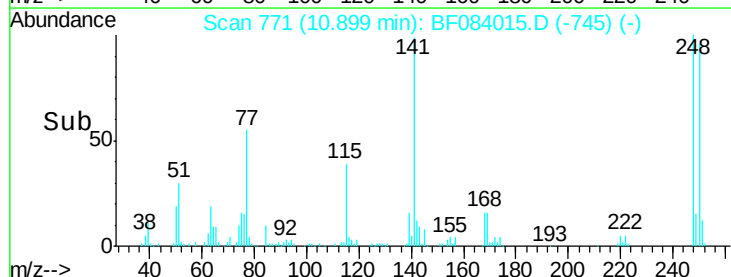
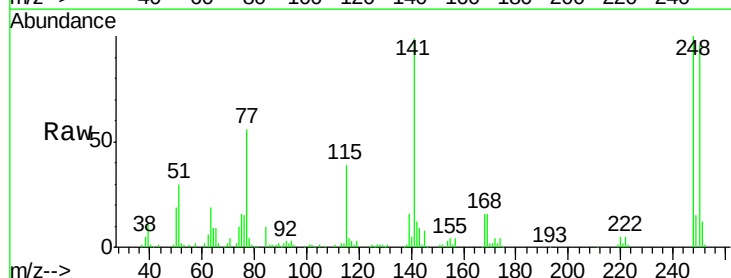
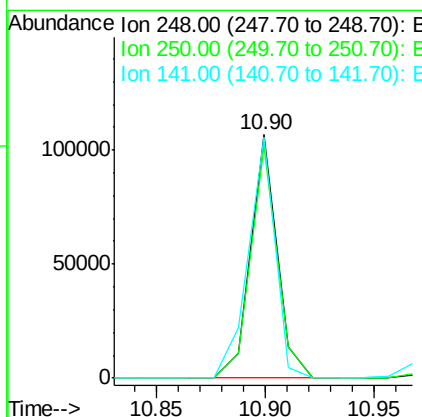
RT: 10.90 min Scan# 771

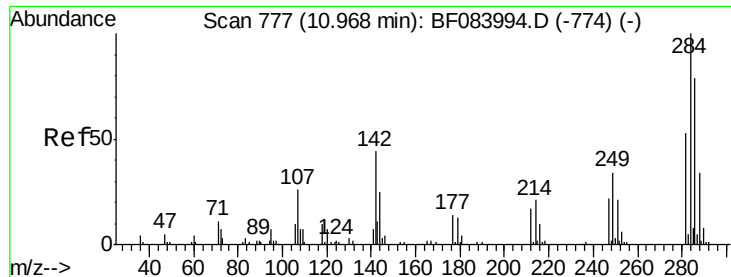
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	248	Resp:	90066
Ion Ratio	Lower	Upper	
248	100		
250	95.6	78.4	117.6
141	99.2	44.0	66.0#





#67

Hexachlorobenzene

Concen: 45.52 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

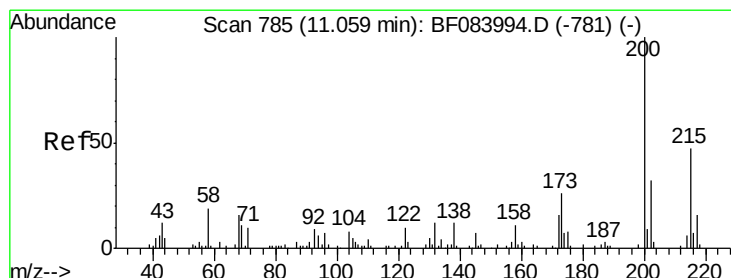
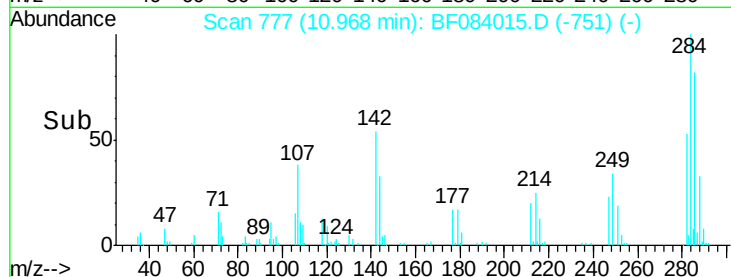
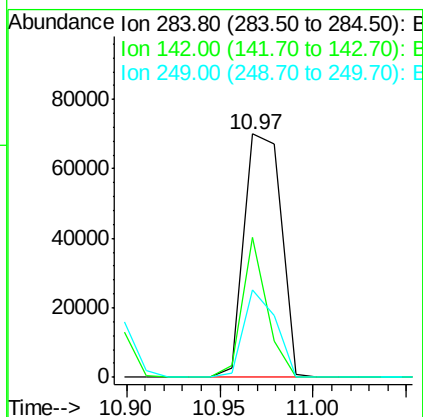
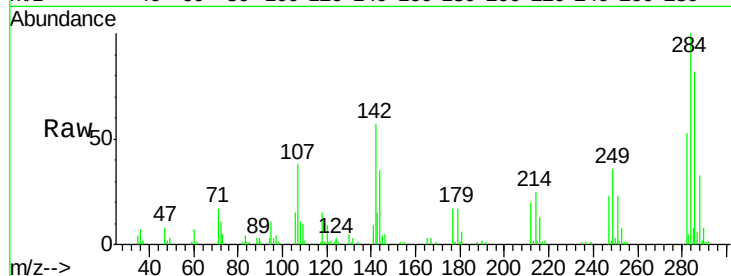
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	284	Resp:	96525
Ion Ratio	Lower	Upper	
284	100		
142	57.5	22.2	33.4#
249	35.8	24.6	37.0

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#68

Atrazine

Concen: 44.76 ng

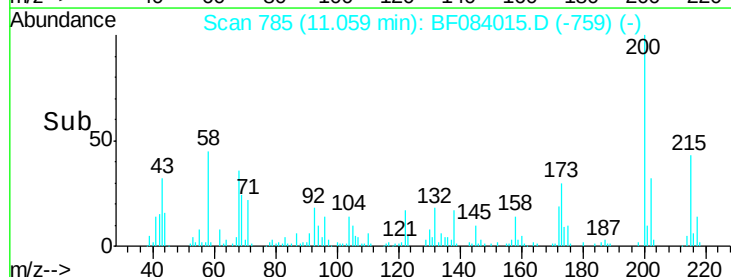
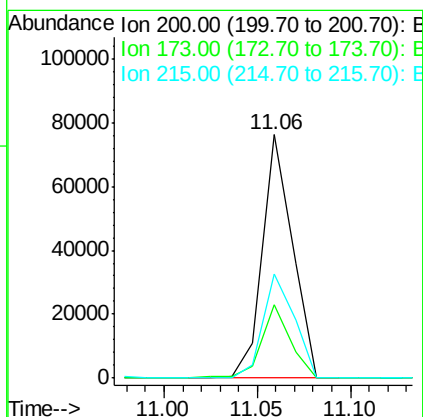
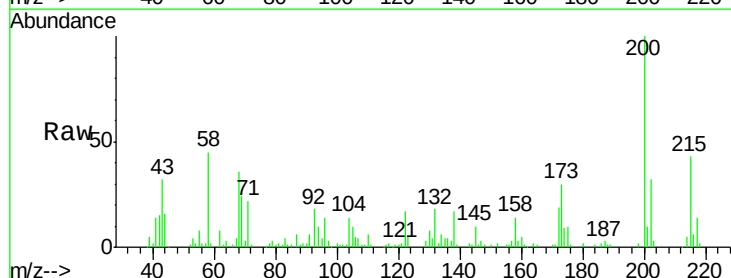
RT: 11.06 min Scan# 785

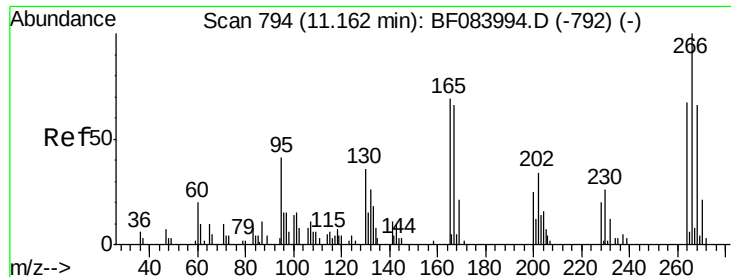
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	200	Resp:	84686
Ion Ratio	Lower	Upper	
200	100		
173	30.0	9.5	49.5
215	42.7	23.8	63.8





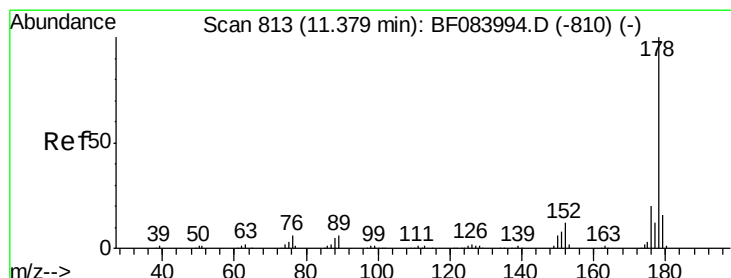
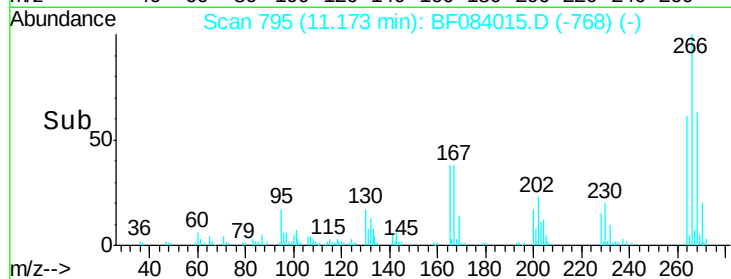
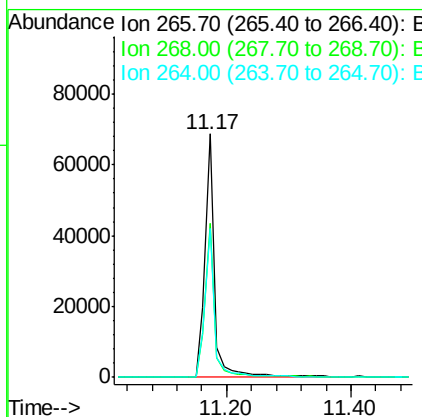
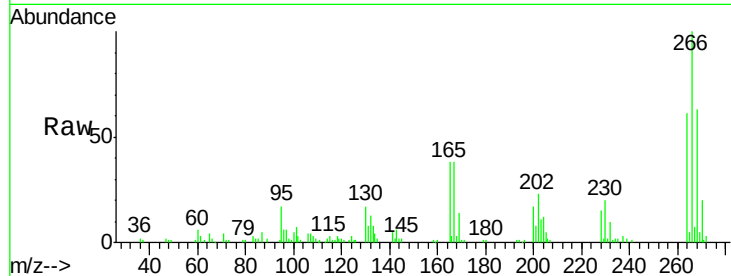
#69
 Pentachlorophenol
 Concen: 96.74 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.01 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.4	78.6
264	61.4	50.2	75.2

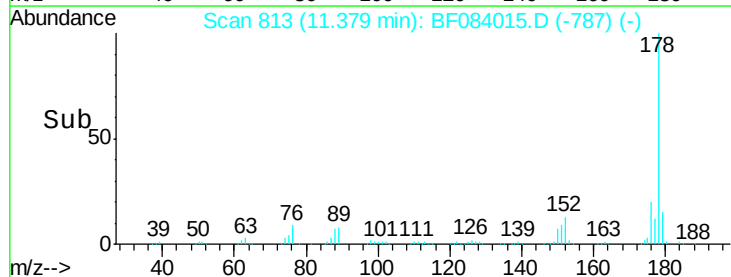
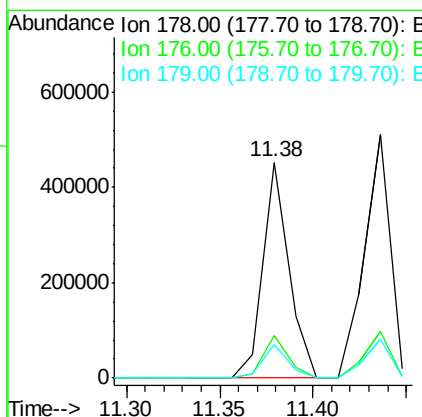
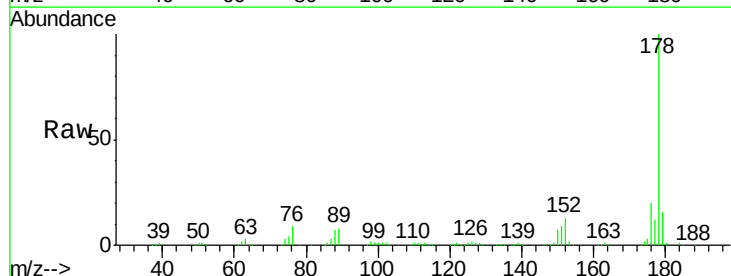
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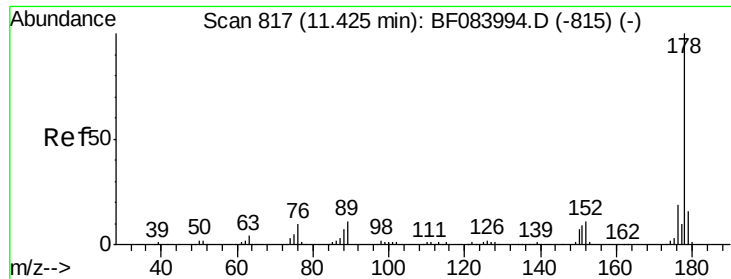
apatel
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#70
 Phenanthrene
 Concen: 45.43 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	15.6	12.0	18.0





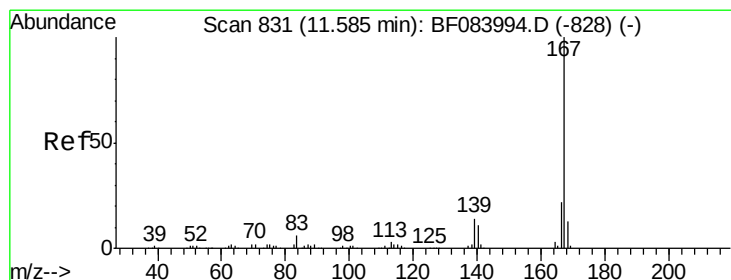
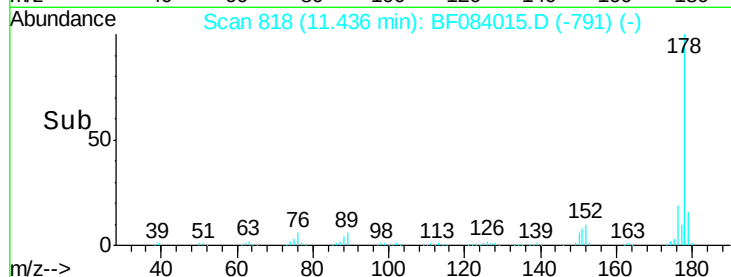
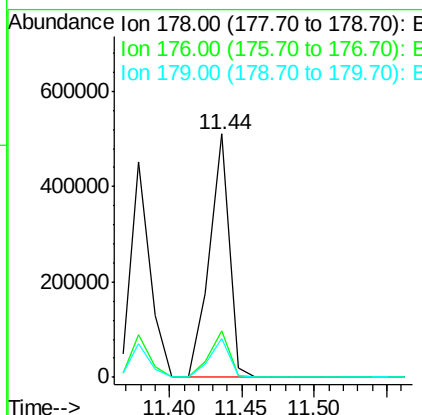
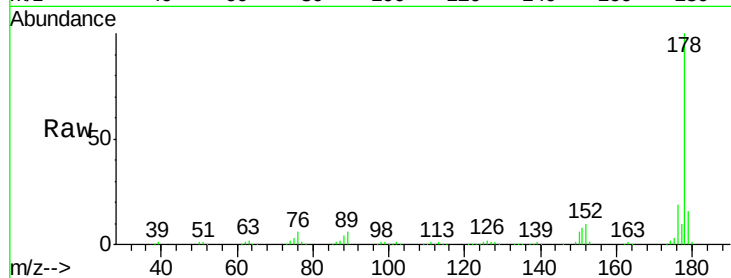
#71
 Anthracene
 Concen: 49.89 ng
 RT: 11.44 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.8	12.5	18.7

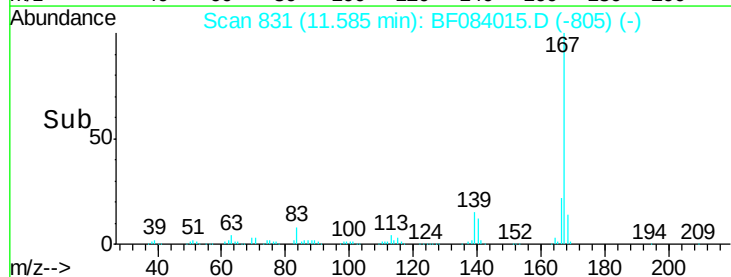
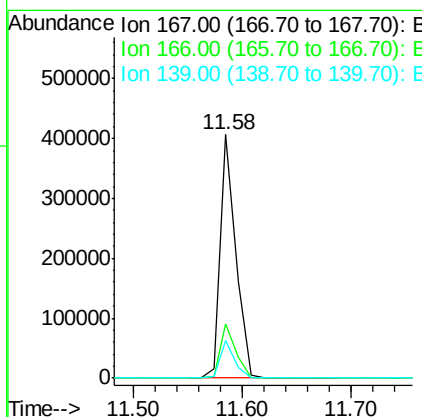
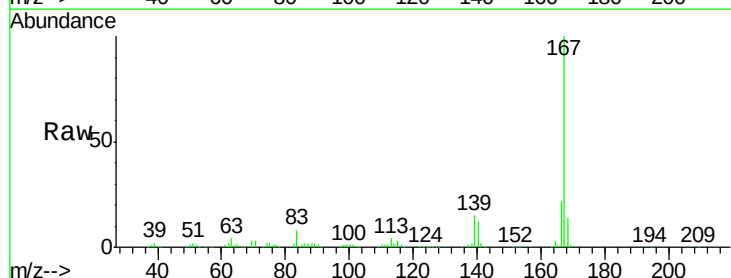
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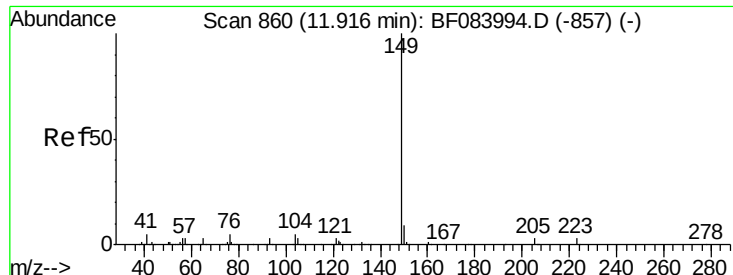
apatel
 12/23/2015 4:31:49 PM



#72
 Carbazole
 Concen: 44.70 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 48.83 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

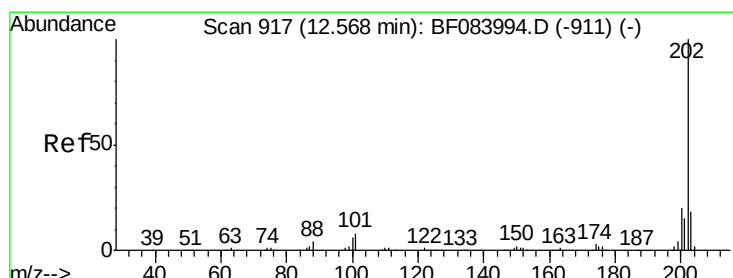
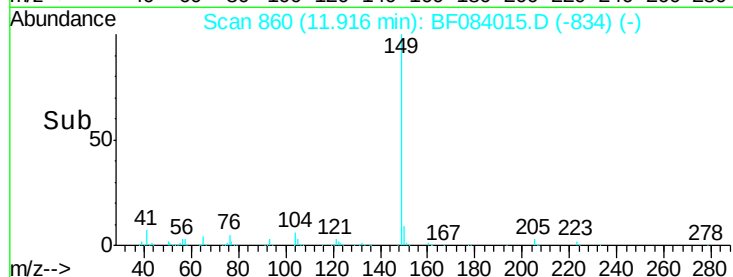
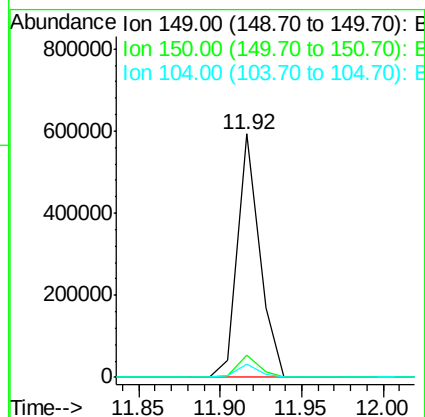
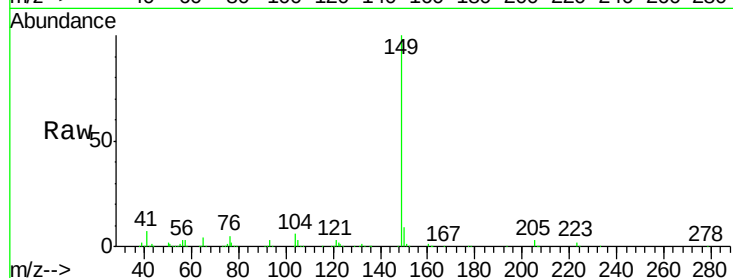
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	149	Resp:	551371
Ion Ratio		Lower	Upper
149	100		
150	9.3	7.1	10.7
104	5.6	3.2	4.8#

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#74

Fluoranthene

Concen: 50.90 ng

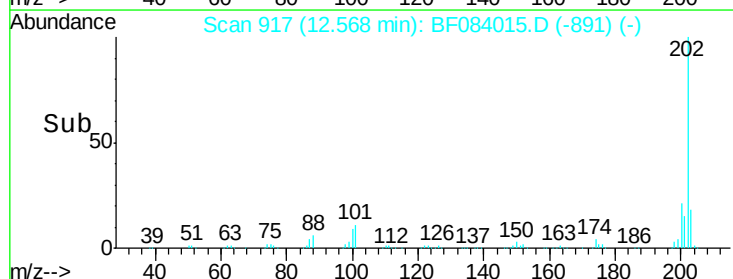
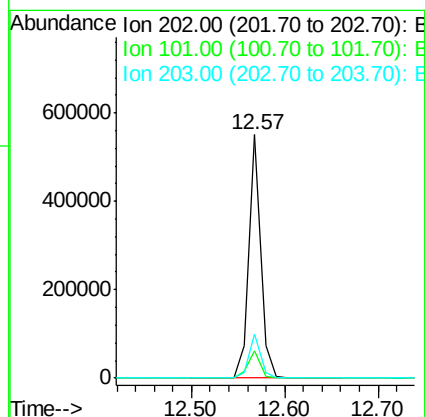
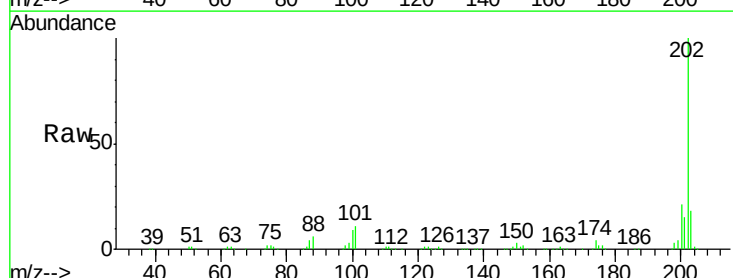
RT: 12.57 min Scan# 917

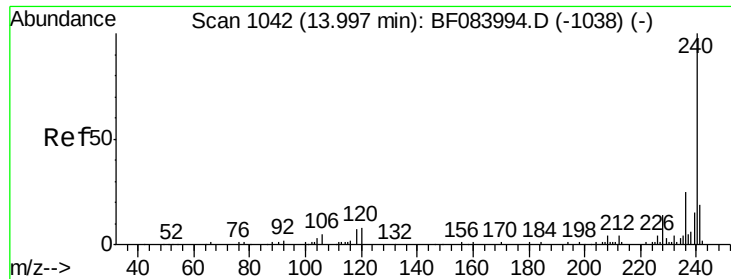
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	202	Resp:	483349
Ion Ratio		Lower	Upper
202	100		
101	11.2	0.0	32.8
203	17.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

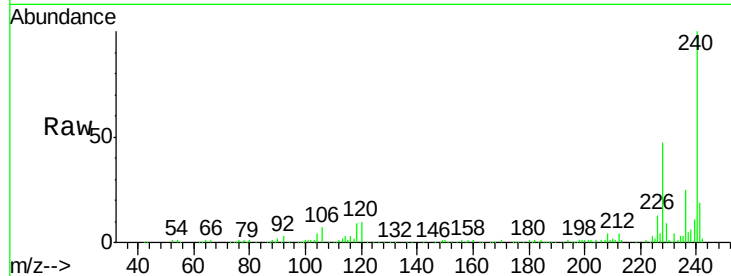
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	240	Resp:	155997
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.5	14.3
236	24.7	20.6	31.0

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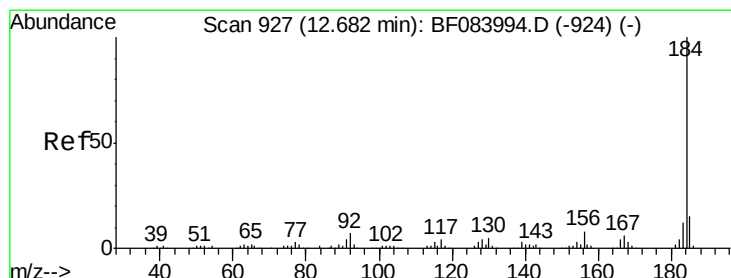
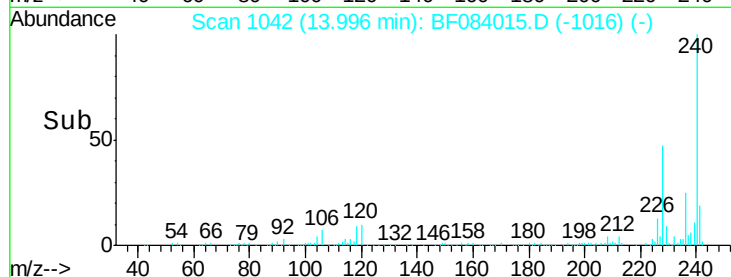
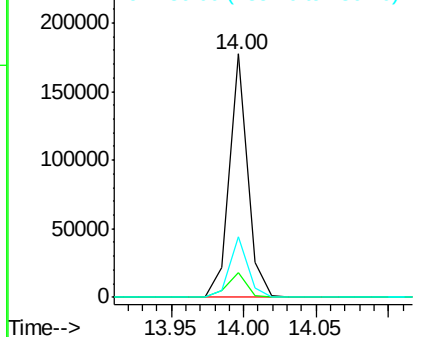
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.28 ng

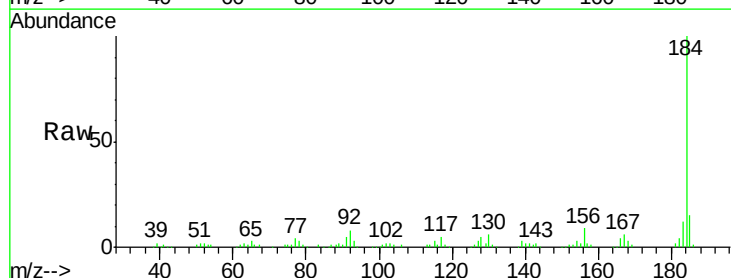
RT: 12.68 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

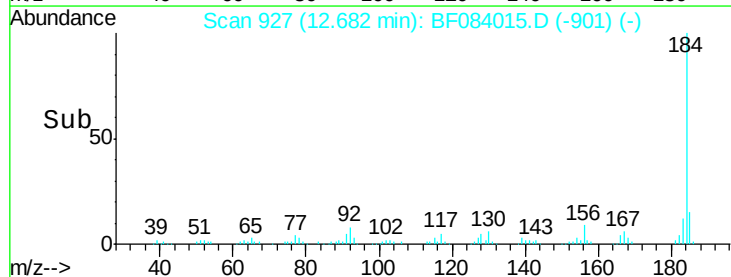
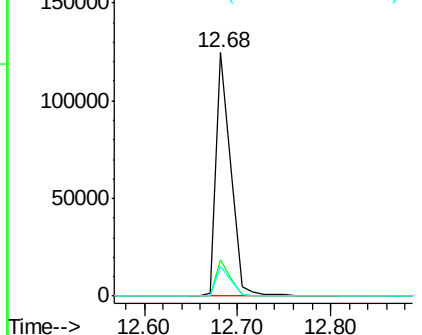
Tgt Ion:	184	Resp:	135054
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	12.4	9.8	14.8

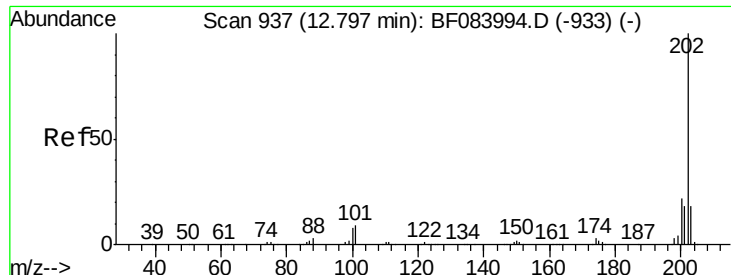


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.85 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084015.D

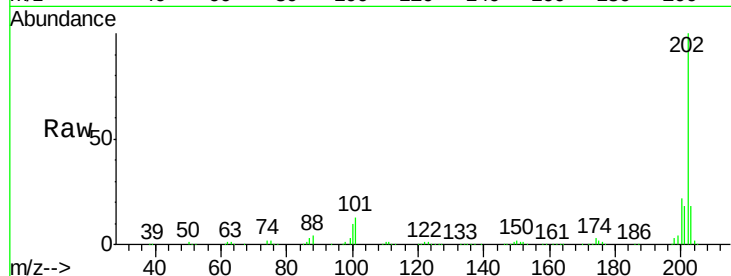
Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

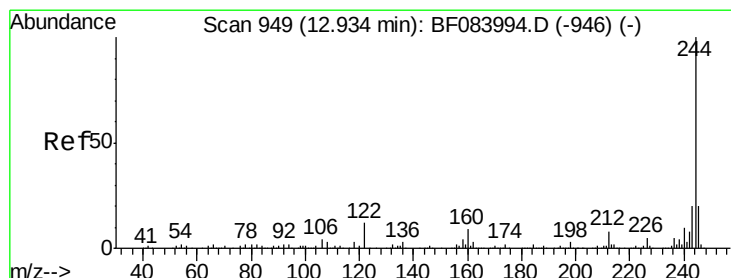
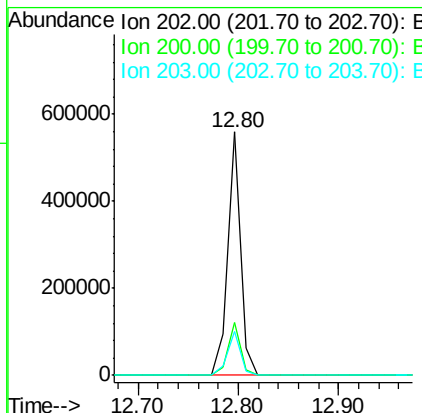
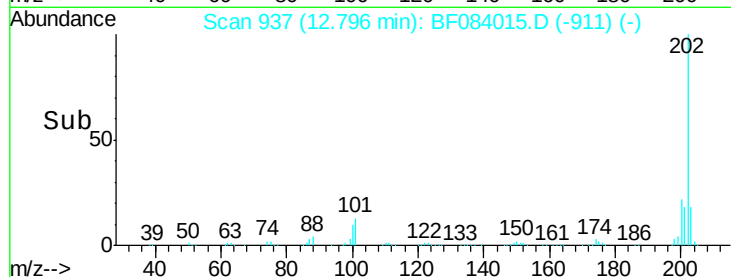
20151214MGP209BRV46.5MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		495827		
200	22.0	17.2	25.8		
203	18.0	14.3	21.5		

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#78

Terphenyl-d14

Concen: 96.54 ng

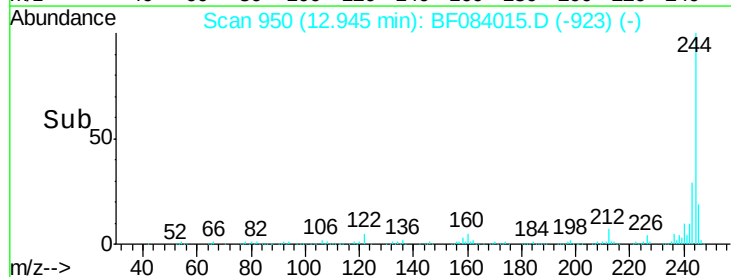
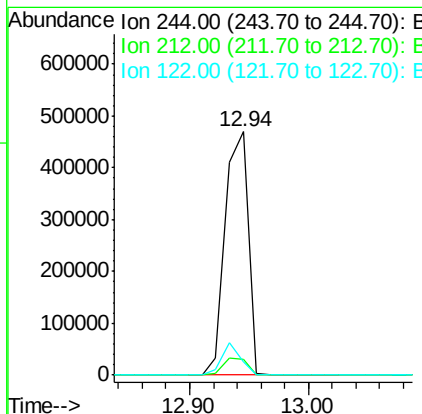
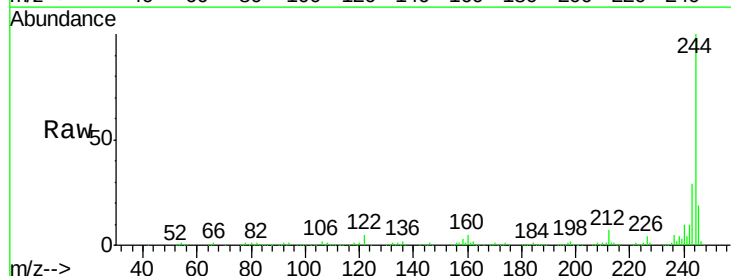
RT: 12.94 min Scan# 950

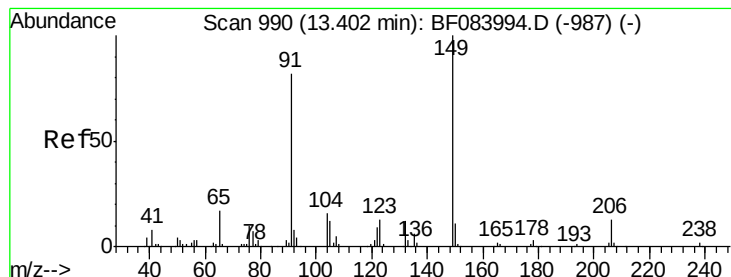
Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100		631492		
212	6.7	5.7	8.5		
122	5.4	7.4	11.0		





#79

Butylbenzylphthalate

Concen: 55.01 ng

RT: 13.41 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

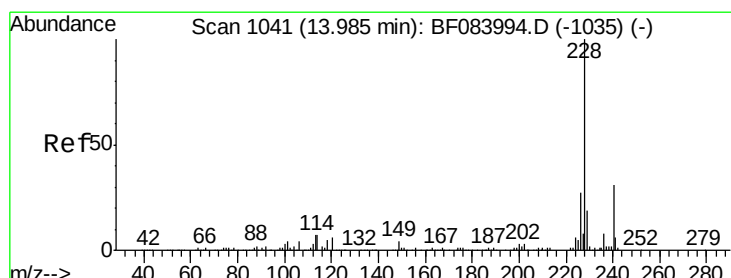
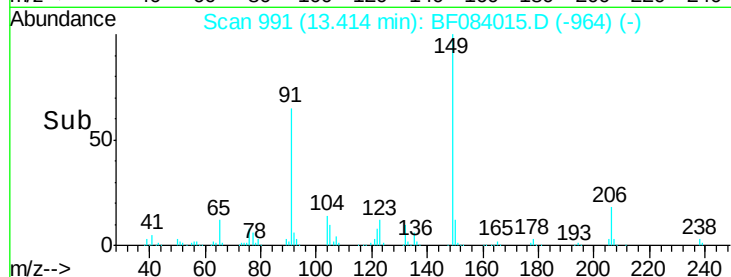
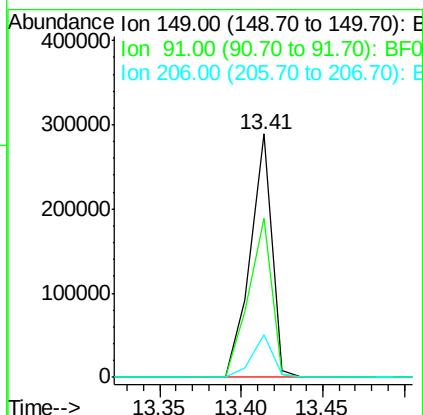
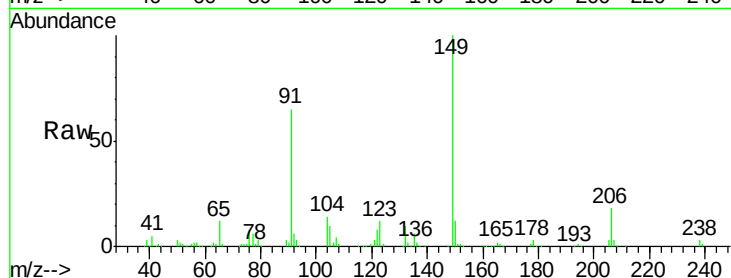
ClientSampleId :

20151214MGP209BRV46.5MSD

Tot Ion:	149	Resp:	267807
Ion Ratio	Lower	Upper	
149	100		
91	65.3	57.6	86.4
206	17.6	13.2	19.8

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#80

Benzo(a)anthracene

Concen: 47.16 ng

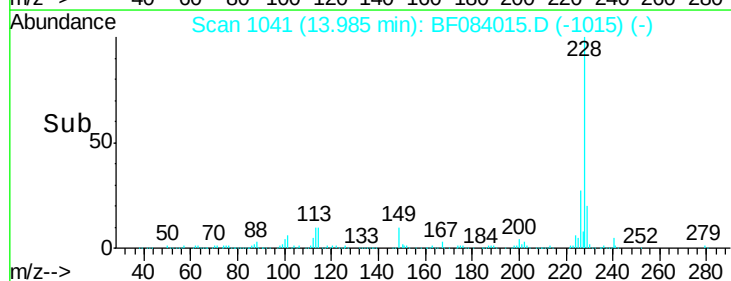
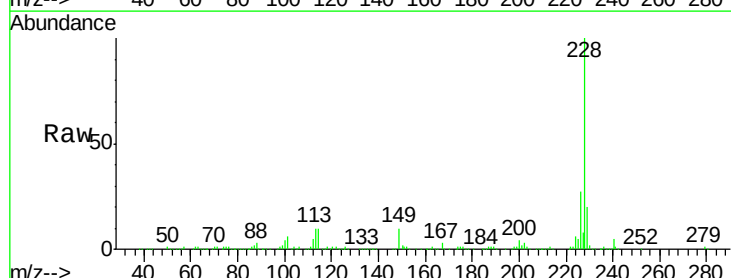
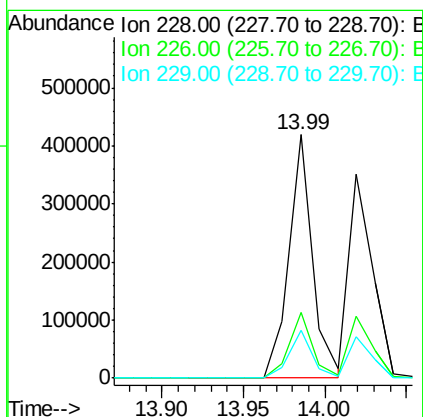
RT: 13.99 min Scan# 1041

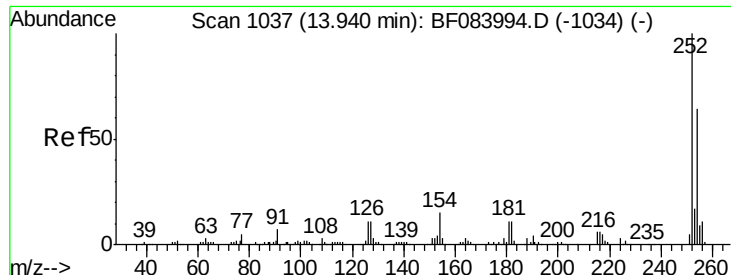
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	228	Resp:	424194
Ion Ratio	Lower	Upper	
228	100		
226	27.2	21.8	32.6
229	19.7	15.8	23.8





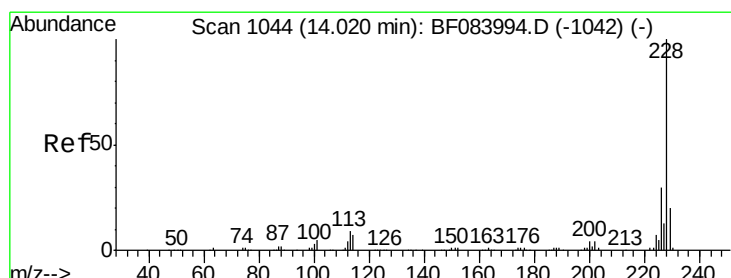
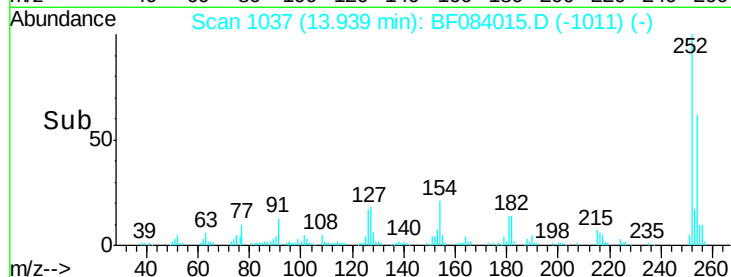
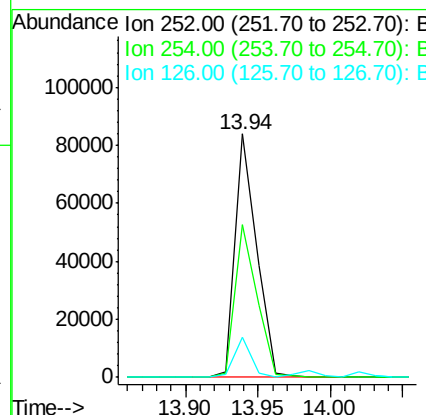
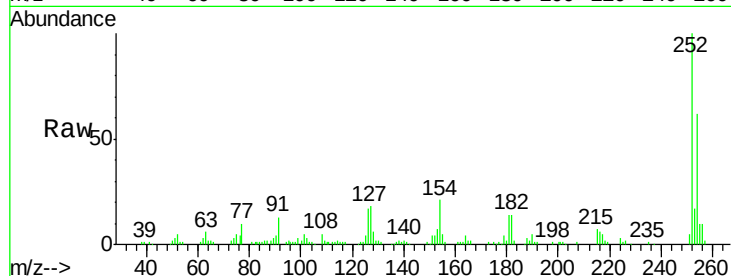
#81
 3,3'-Dichlorobenzidine
 Concen: 25.69 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.5	53.5	80.3
126	16.5	4.9	7.3

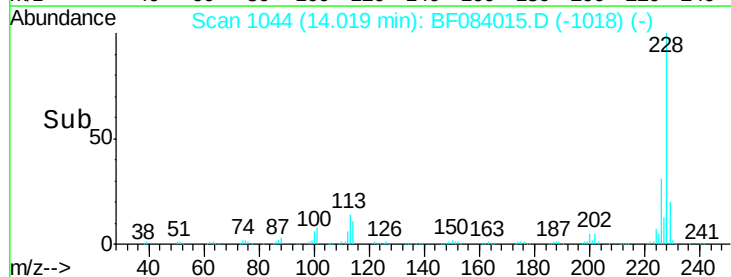
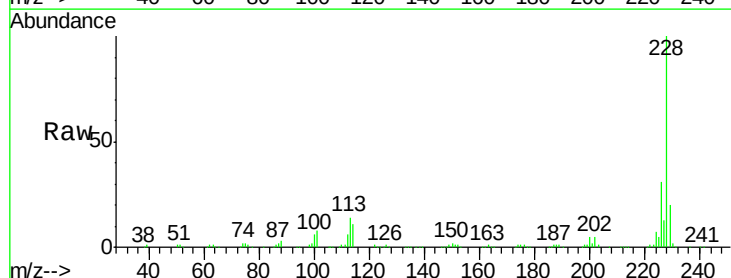
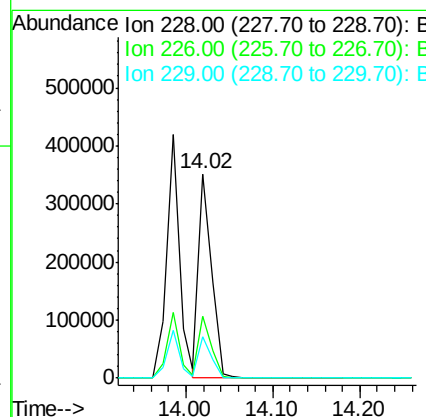
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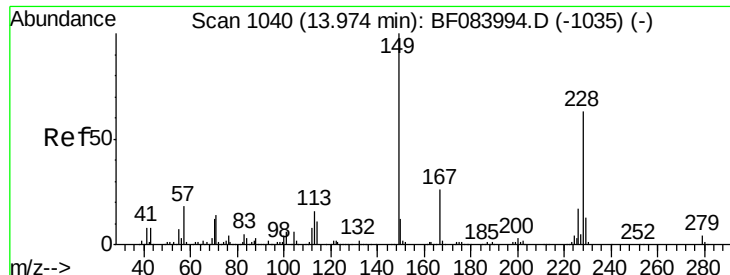
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#82
 Chrysene
 Concen: 43.70 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.0	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.31 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF084015.D

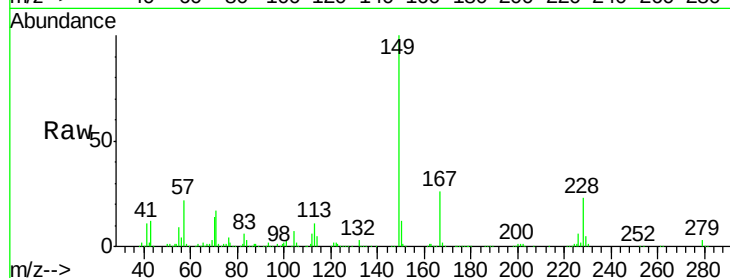
Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

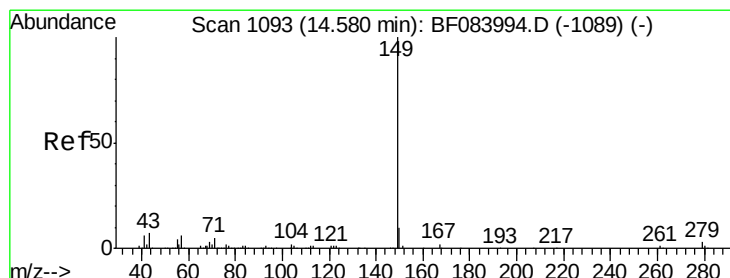
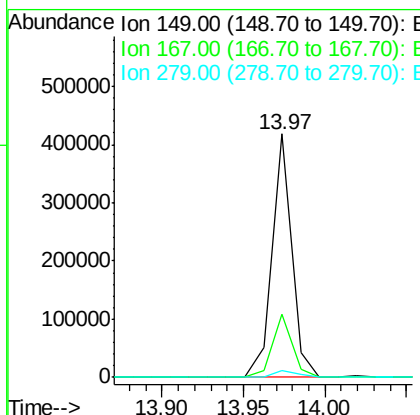
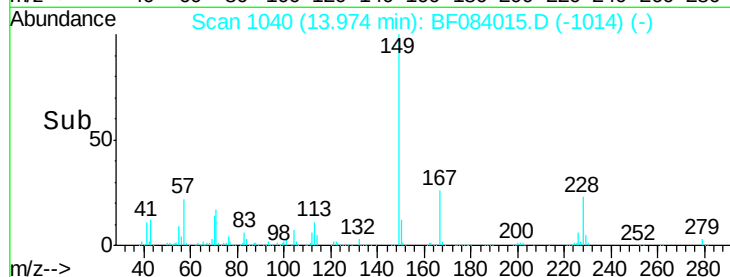
20151214MGP209BRV46.5MSD



Tot Ion:	149	Resp:	353124
Ion Ratio	Lower	Upper	
149	100		
167	25.7	19.7	29.5
279	3.0	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 54.64 ng

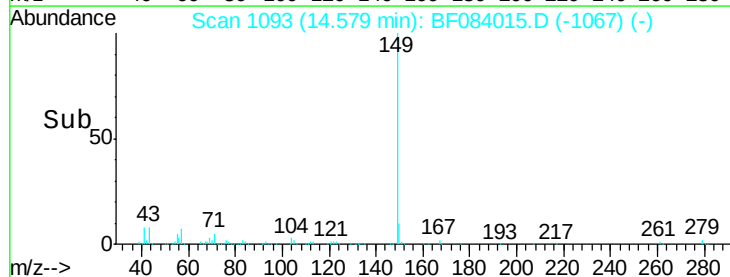
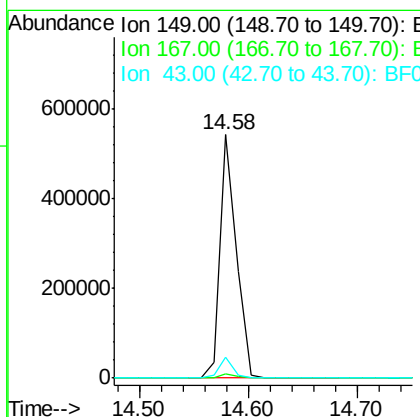
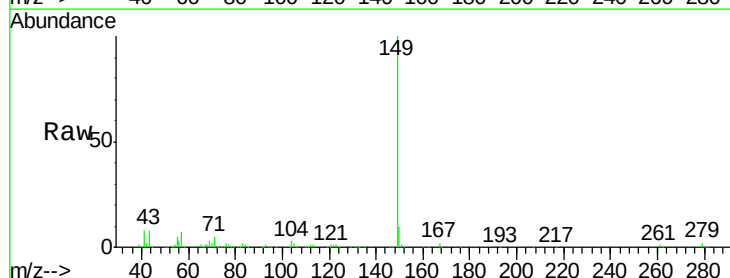
RT: 14.58 min Scan# 1093

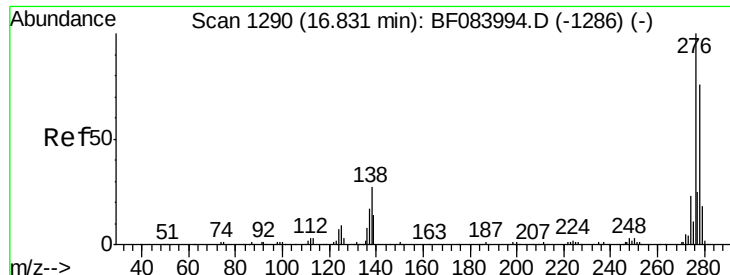
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion:	149	Resp:	567183
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.3	5.6	8.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.96 ng

RT: 16.84 min Scan# 1291

Delta R.T. 0.01 min

Lab File: BF084015.D

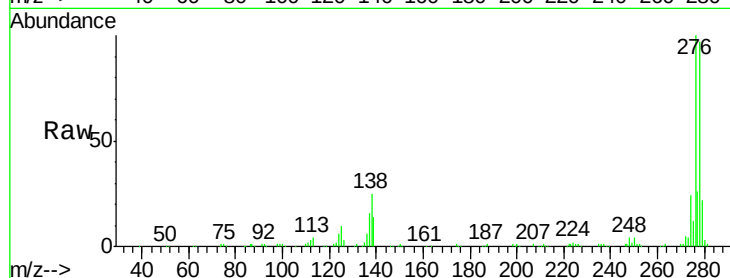
Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

ClientSampleId :

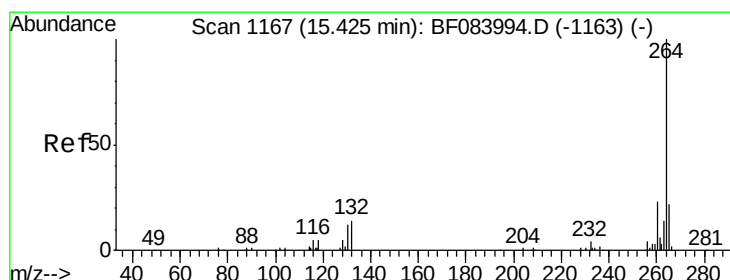
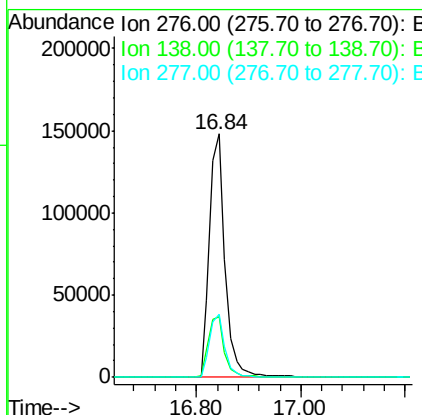
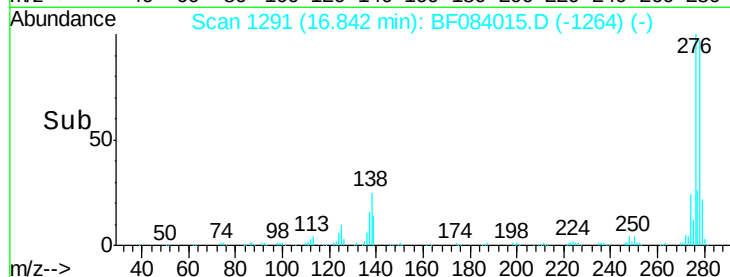
20151214MGP209BRV46.5MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
310588	276	100			
	276	100			
	138	25.6	20.6	30.8	
	277	25.5	20.1	30.1	

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#86

Perylene-d12

Concen: 20.00 ng

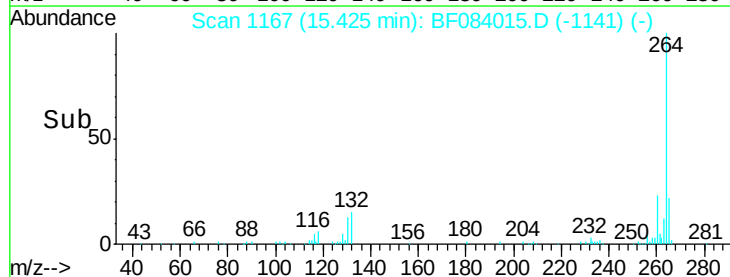
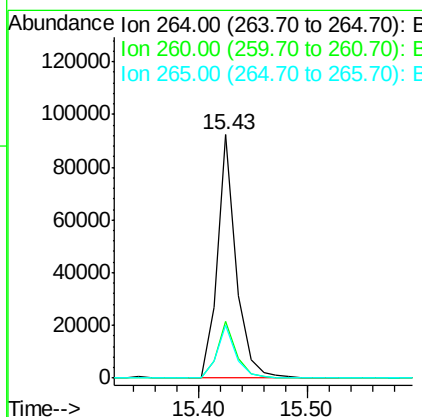
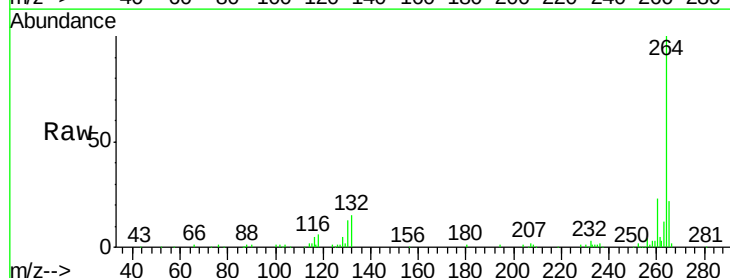
RT: 15.43 min Scan# 1167

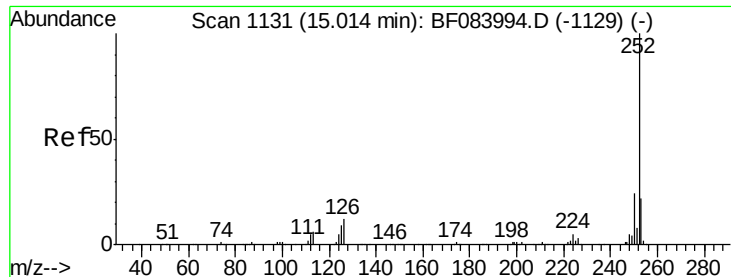
Delta R.T. -0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
111045	264	100			
	264	100			
	260	23.1	19.4	29.2	
	265	21.9	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 48.62 ng m

RT: 15.01 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

Instrument :

BNA_F

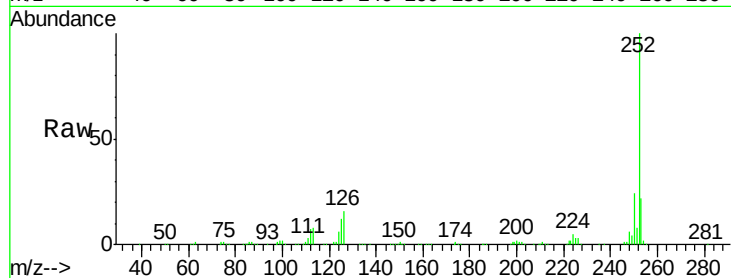
ClientSampleId :

20151214MGP209BRV46.5MSD

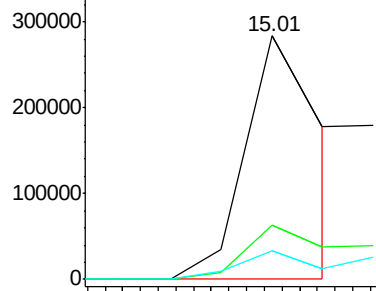
Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	17.3	25.9	
125	11.6	6.5	9.7#	

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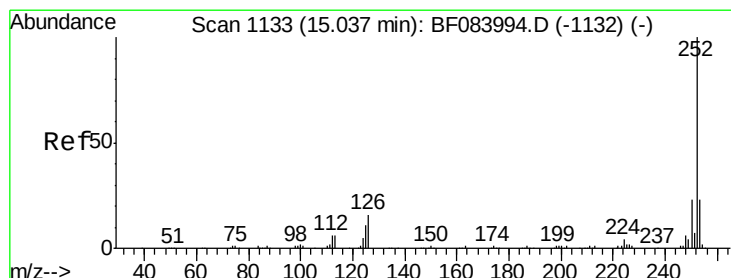
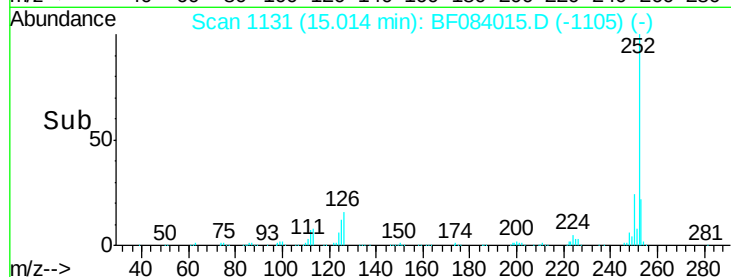
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 57.05 ng m

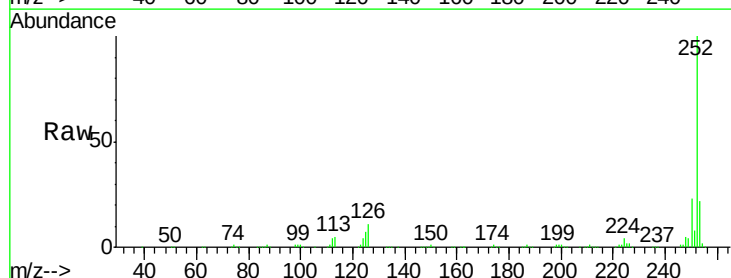
RT: 15.05 min Scan# 1134

Delta R.T. 0.01 min

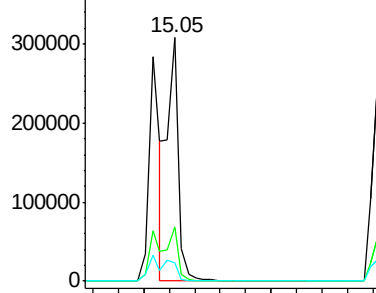
Lab File: BF084015.D

Acq: 23 Dec 2015 3:48

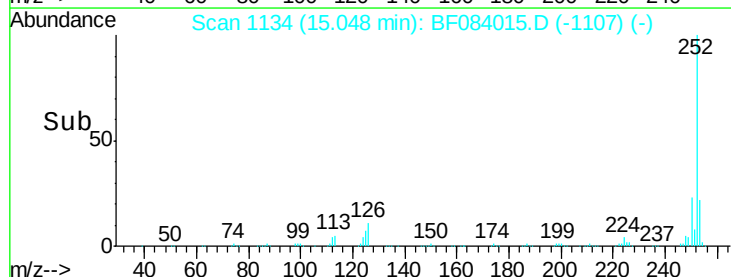
Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.2	18.1	27.1	
125	7.4	9.0	13.6#	

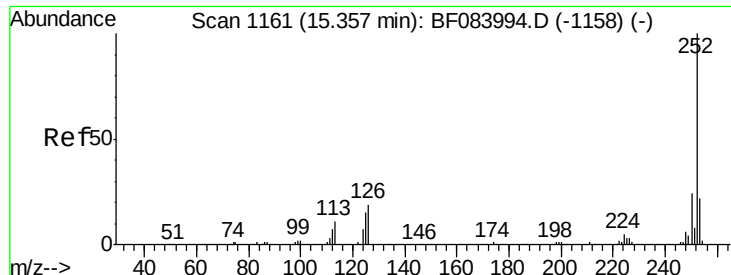


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





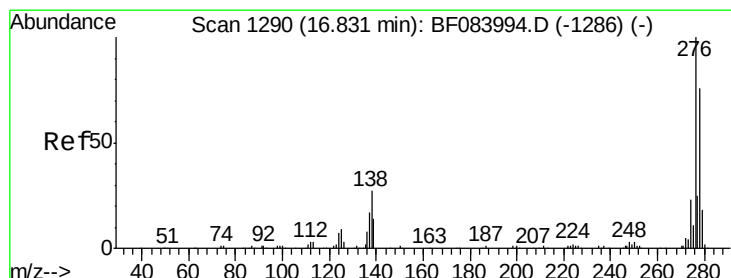
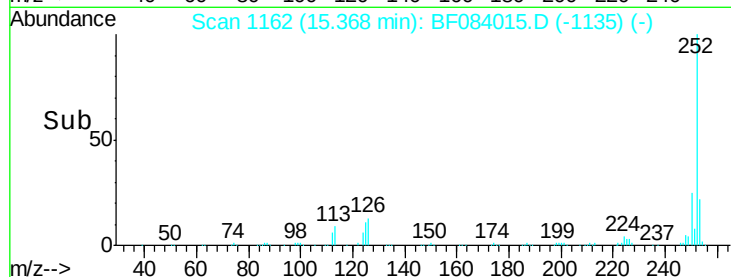
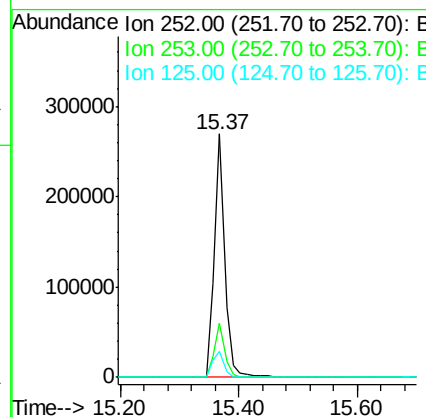
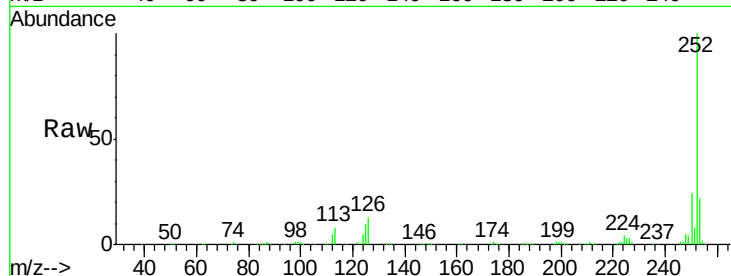
#89
Benzo(a)pyrene
Concen: 50.92 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Instrument :
BNA_F
ClientSampleId :
20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.5	7.0	10.4

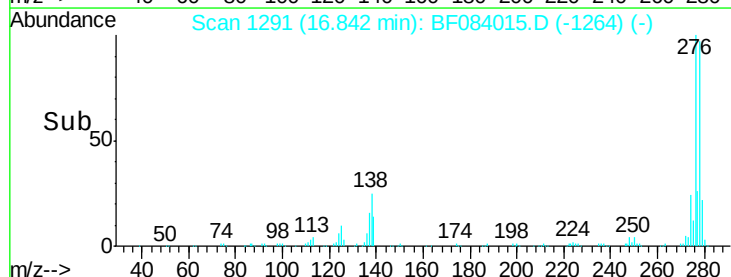
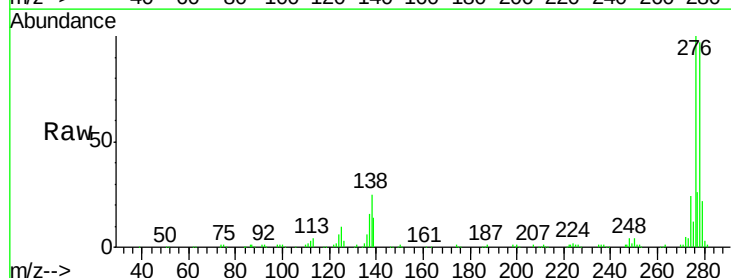
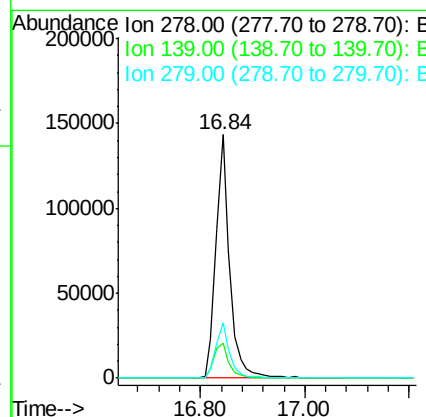
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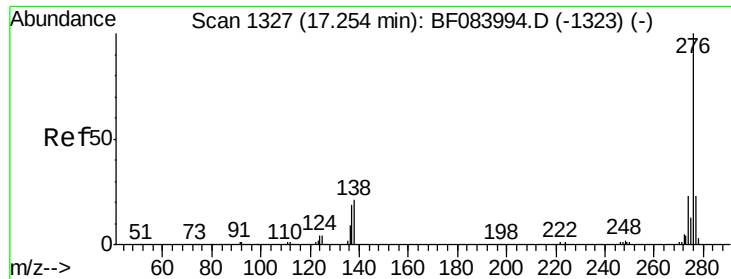
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#90
Dibenzo(a,h)anthracene
Concen: 49.07 ng
RT: 16.84 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BF084015.D
Acq: 23 Dec 2015 3:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	15.0	22.4
279	22.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 46.68 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BF084015.D
 Acq: 23 Dec 2015 3:48

Instrument :
 BNA_F
 ClientSampleId :
 20151214MGP209BRV46.5MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.1	18.8	28.2
138	19.6	17.8	26.6

Manual Integrations
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