

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080600.D
 Acq On : 23 Jul 2015 19:15
 Operator : TP/UM
 Sample : PB84631BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Manual Integrations
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 7/24/2015 4:47:09 PM

Quant Time: Jul 24 00:49:51 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 19:10:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	40769	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155771	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	71224	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	132004	20.00	ng	0.00
75) Chrysene-d12	14.21	240	115441	20.00	ng	-0.09
86) Perylene-d12	15.83	264	87142	20.00	ng	-0.17

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	181628	76.95	ng	0.01
7) Phenol-d6	6.56	99	227950	79.00	ng	0.00
23) Nitrobenzene-d5	7.50	82	226367	82.34	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	47550	84.25	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	398388	81.16	ng	0.00
78) Terphenyl-d14	13.08	244	394503	71.51	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	31411	27.93	ng	# 100
3) Pyridine	3.28	79	99157	33.18	ng	98
4) n-Nitrosodimethylamine	3.18	42	64988	34.41	ng	# 93
6) Aniline	6.60	93	81794	19.39	ng	97
8) 2-Chlorophenol	6.73	128	93943	37.06	ng	98
9) Benzaldehyde	6.49	77	31136	14.59	ng	97
10) Phenol	6.57	94	140270	40.63	ng	95
11) bis(2-Chloroethyl)ether	6.67	93	90687	37.83	ng	97
12) 1,3-Dichlorobenzene	6.89	146	111881	34.81	ng	98
13) 1,4-Dichlorobenzene	6.97	146	113056	35.84	ng	99
14) 1,2-Dichlorobenzene	7.12	146	109392	37.41	ng	100
15) Benzyl Alcohol	7.08	79	96495	37.95	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	180626	37.17	ng	97
17) 2-Methylphenol	7.18	107	71963	36.02	ng	90
18) Hexachloroethane	7.47	117	39660	36.35	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	72770	37.22	ng	# 94
20) 3+4-Methylphenols	7.34	107	103055	37.30	ng	# 89
22) Acetophenone	7.36	105	144694	38.14	ng	99
24) Nitrobenzene	7.53	77	113168	38.51	ng	98
25) Isophorone	7.77	82	200147	39.31	ng	98
26) 2-Nitrophenol	7.85	139	39416	37.54	ng	89
27) 2,4-Dimethylphenol	7.88	122	90249	38.91	ng	96
28) bis(2-Chloroethoxy)methane	7.98	93	108048	38.40	ng	96
29) 2,4-Dichlorophenol	8.09	162	72692	38.32	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	91167	36.97	ng	96
31) Naphthalene	8.26	128	294537	37.80	ng	99
32) Benzoic acid	7.94	122	41389m	39.68	ng	
33) 4-Chloroaniline	8.30	127	51144	16.73	ng	98
34) Hexachlorobutadiene	8.38	225	52706	36.66	ng	96
35) Caprolactam	8.64	113	21365	41.83	ng	# 77
36) 4-Chloro-3-methylphenol	8.77	107	95421	42.29	ng	98
37) 2-Methylnaphthalene	8.94	142	167517	38.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	88657	36.81	ng	# 96
40) Hexachlorocyclopentadiene	9.10	237	110755	87.33	ng	96

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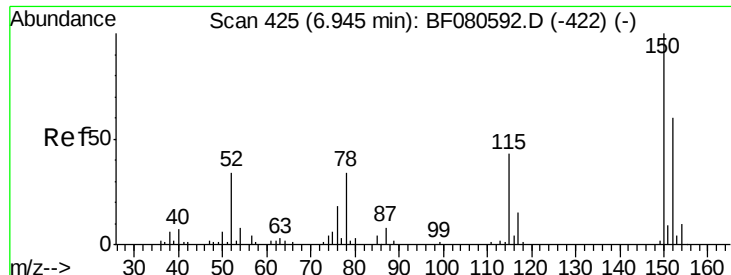
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	50934	37.71	ng	98
43) 2,4,5-Trichlorophenol	9.25	196	55217	40.49	ng	97
45) 1,1'-Biphenyl	9.41	154	232513	40.10	ng	98
46) 2-Chloronaphthalene	9.44	162	180854	38.55	ng	96
47) 2-Nitroaniline	9.53	65	59314	41.47	ng	96
48) Acenaphthylene	9.86	152	263832	37.97	ng	98
49) Dimethylphthalate	9.71	163	209353	39.95	ng	100
50) 2,6-Dinitrotoluene	9.77	165	40501	41.32	ng	93
51) Acenaphthene	10.03	154	178667	42.81	ng	97
52) 3-Nitroaniline	9.93	138	25369	23.80	ng	# 42
53) 2,4-Dinitrophenol	10.04	184	29294	81.16	ng	# 70
54) Dibenzofuran	10.20	168	241484	40.03	ng	98
55) 4-Nitrophenol	10.08	139	60359	78.39	ng	# 74
56) 2,4-Dinitrotoluene	10.17	165	54121	44.08	ng	# 94
57) Fluorene	10.54	166	191064	39.45	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	46370	43.70	ng	97
59) Diethylphthalate	10.41	149	192687	39.40	ng	98
60) 4-Chlorophenyl-phenylether	10.53	204	84659	38.92	ng	99
61) 4-Nitroaniline	10.54	138	40765	37.97	ng	89
62) Azobenzene	10.69	77	219139	42.77	ng	99
64) 4,6-Dinitro-2-methylphenol	10.58	198	18216	43.55	ng	80
65) n-Nitrosodiphenylamine	10.65	169	170172	39.29	ng	98
66) 4-Bromophenyl-phenylether	11.02	248	53141	39.60	ng	90
67) Hexachlorobenzene	11.09	284	57895	38.21	ng	# 92
68) Atrazine	11.17	200	56195	47.22	ng	98
69) Pentachlorophenol	11.28	266	60913	86.16	ng	94
70) Phenanthrene	11.50	178	296929	39.85	ng	99
71) Anthracene	11.55	178	279032	39.99	ng	99
72) Carbazole	11.71	167	248482	41.18	ng	99
73) Di-n-butylphthalate	12.04	149	279561	39.87	ng	# 98
74) Fluoranthene	12.69	202	273906	41.08	ng	98
76) Benzidine	12.82	184	75652	22.30	ng	98
77) Pyrene	12.93	202	303064	39.13	ng	99
79) Butylbenzylphthalate	13.59	149	104183	38.61	ng	# 70
80) Benzo(a)anthracene	14.20	228	258526	39.71	ng	100
81) 3,3'-Dichlorobenzidine	14.17	252	39311	21.13	ng	98
82) Chrysene	14.25	228	255547	39.46	ng	97
83) Bis(2-ethylhexyl)phthalate	14.21	149	160643	42.42	ng	100
84) Di-n-octyl phthalate	14.93	149	234221	44.62	ng	96
85) Indeno(1,2,3-cd)pyrene	17.32	276	208689	42.60	ng	98
87) Benzo(b)fluoranthene	15.38	252	236540	44.63	ng	# 97
88) Benzo(k)fluoranthene	15.41	252	188580m	35.75	ng	
89) Benzo(a)pyrene	15.76	252	200449	42.63	ng	# 94
90) Dibenzo(a,h)anthracene	17.35	278	179083	40.33	ng	99
91) Benzo(g,h,i)perylene	17.77	276	179988	39.68	ng	96

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



#1

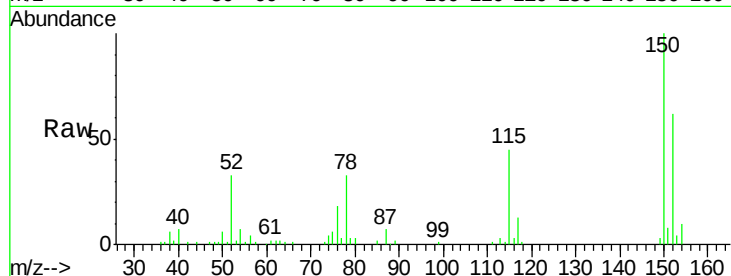
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
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ClientSampleId :
PB84631BSD

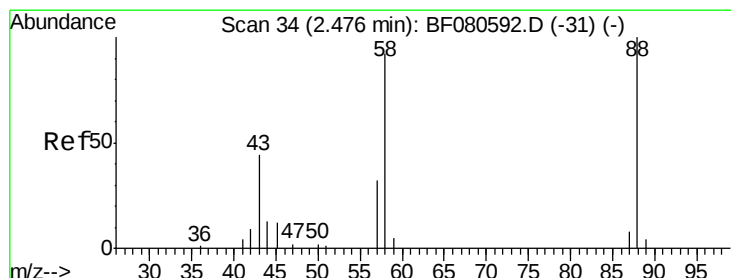
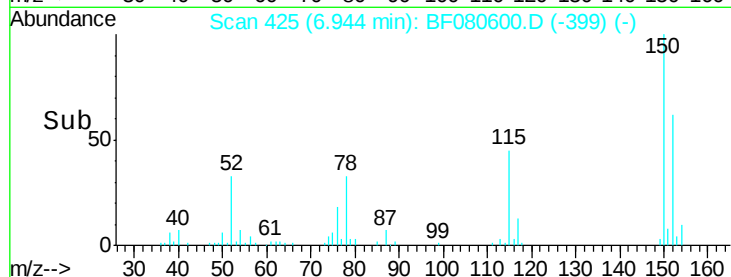
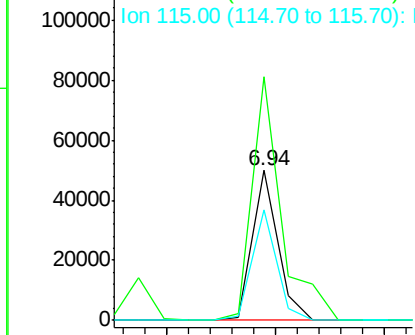
Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.2	128.7	193.1
115	73.4	56.8	85.2

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

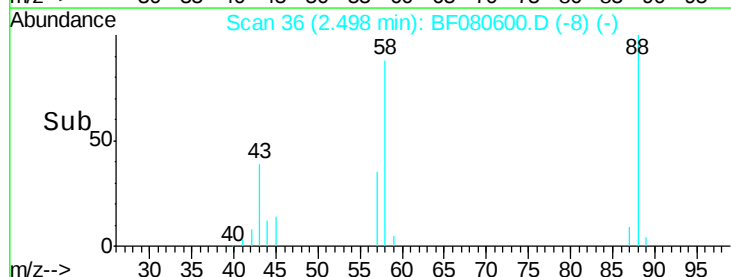
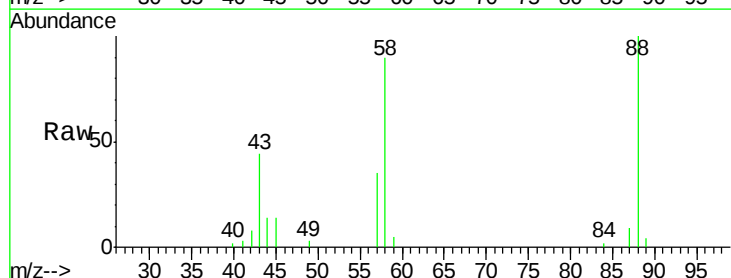
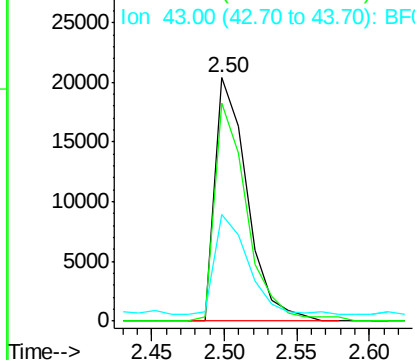


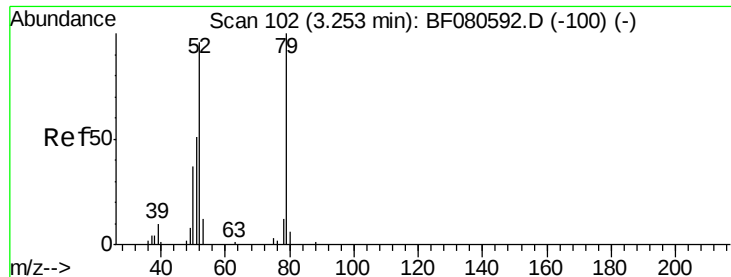
#2

1,4-Dioxane
Concen: 27.93 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.02 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	0.0	0.0#
43	43.8	0.0	0.0#

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





#3

Pyridine

Concen: 33.18 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.02 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

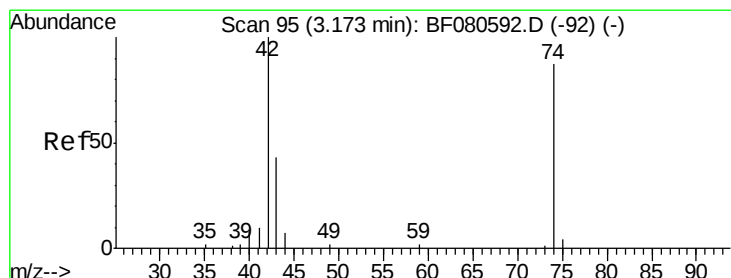
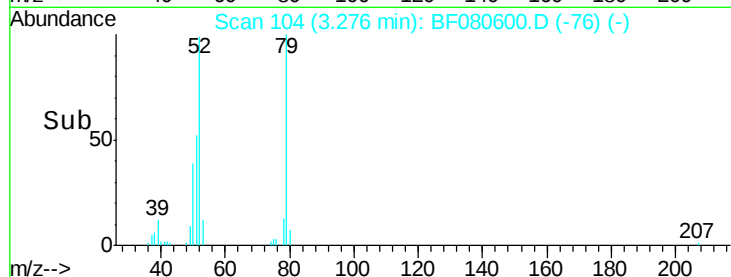
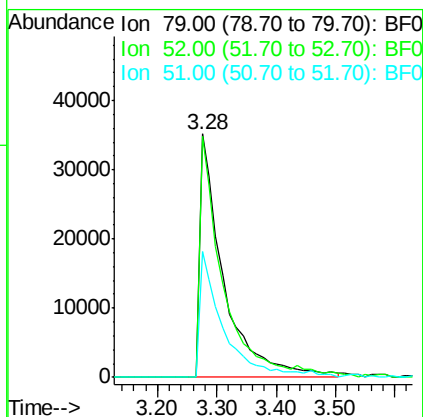
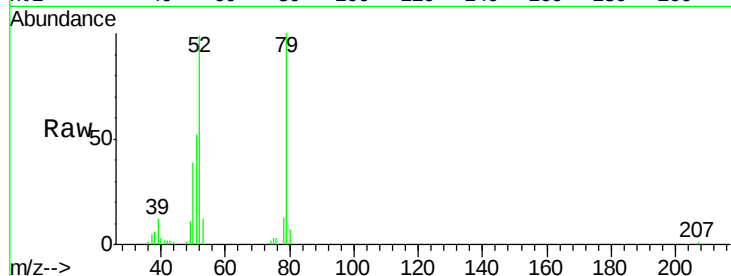
ClientSampleId :

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Tgt Ion:	79	Resp:	99157
Ion	Ratio	Lower	Upper
79	100		
52	99.0	79.6	119.4
51	51.7	44.5	66.7

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#4

n-Nitrosodimethylamine

Concen: 34.41 ng

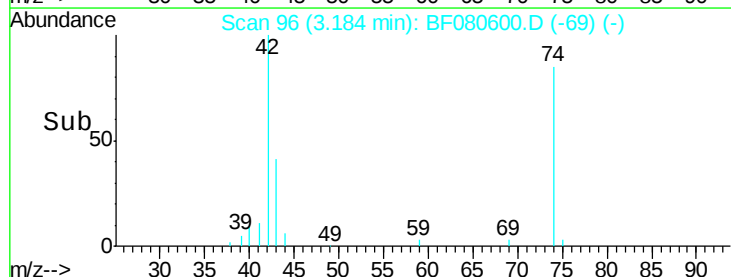
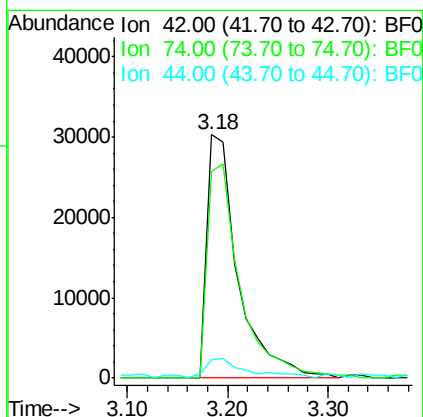
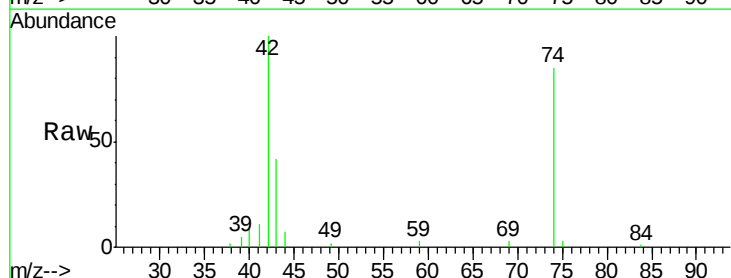
RT: 3.18 min Scan# 96

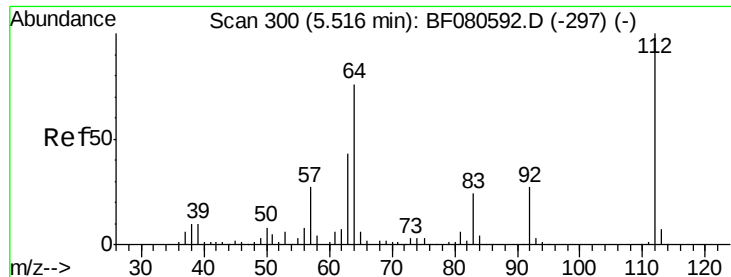
Delta R.T. 0.01 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	42	Resp:	64988
Ion	Ratio	Lower	Upper
42	100		
74	84.9	72.6	108.8
44	7.3	10.4	15.6#





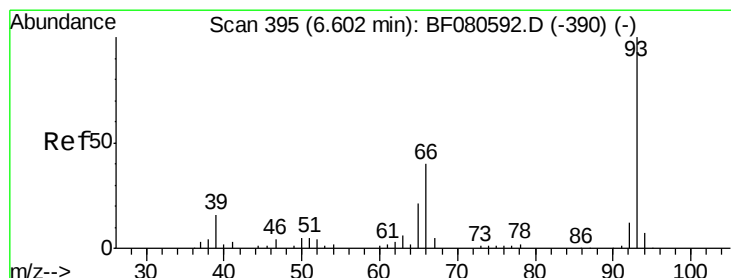
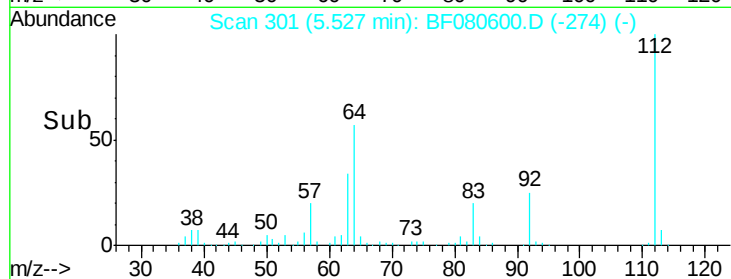
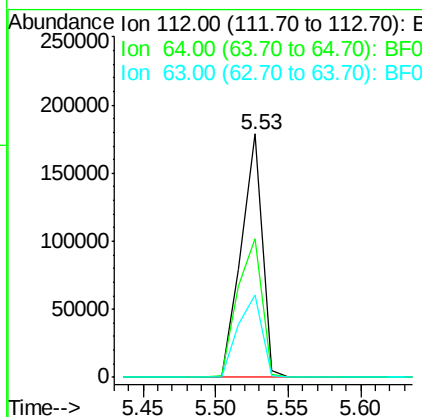
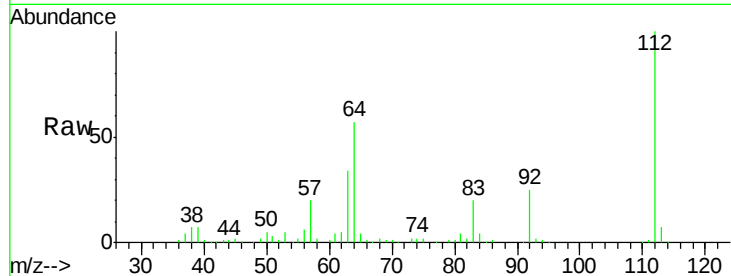
#5
 2-Fluorophenol
 Concen: 76.95 ng
 RT: 5.53 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

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Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	57.1	60.2	90.2#
63	33.7	34.8	52.2#

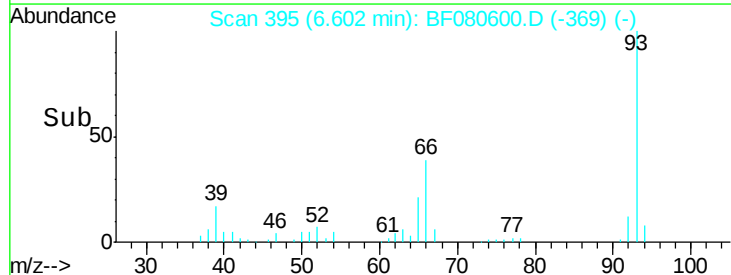
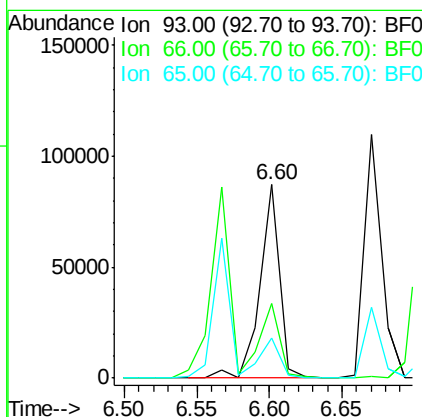
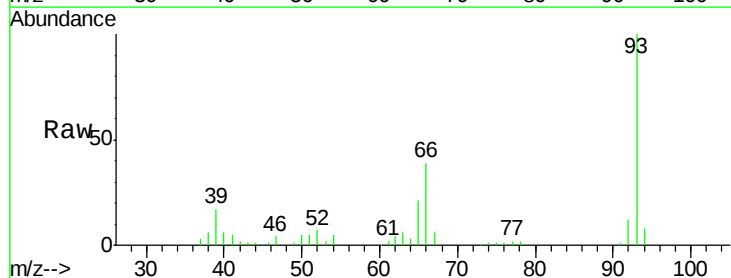
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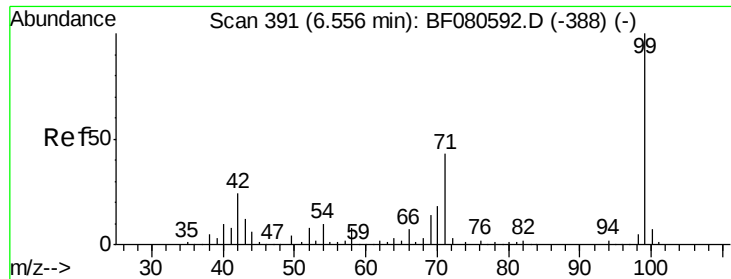
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#6
 Aniline
 Concen: 19.39 ng
 RT: 6.60 min Scan# 395
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	38.9	33.1	49.7
65	21.0	17.2	25.8





#7

Phenol-d6

Concen: 79.00 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

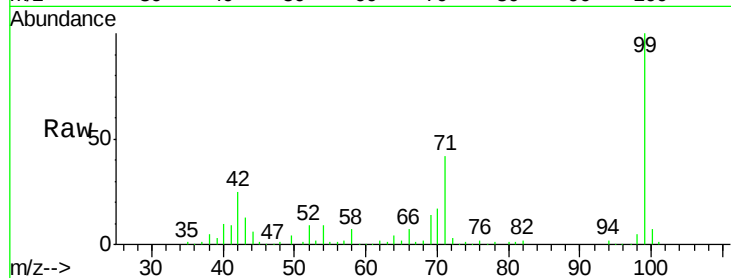
ClientSampleId :

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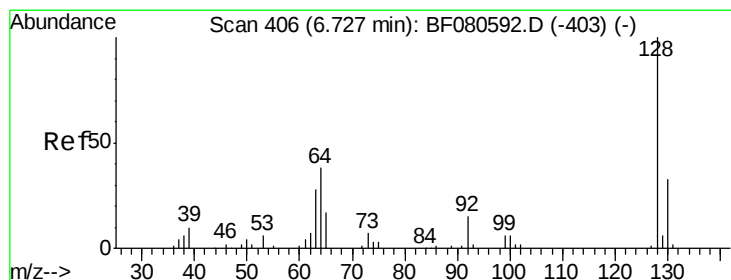
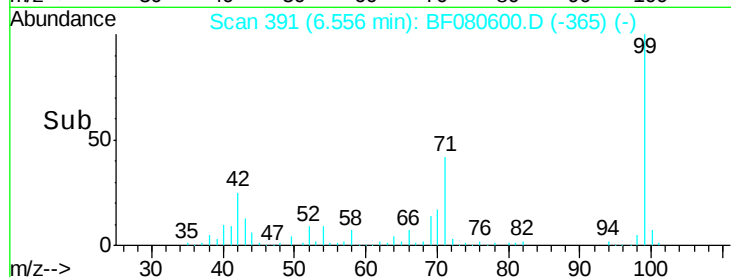
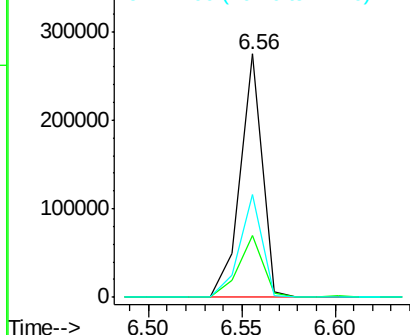
Tgt Ion:	99	Resp:	227950
Ion Ratio	Lower	Upper	
99	100		
42	25.4	17.4	26.2
71	42.0	29.0	43.6

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.06 ng

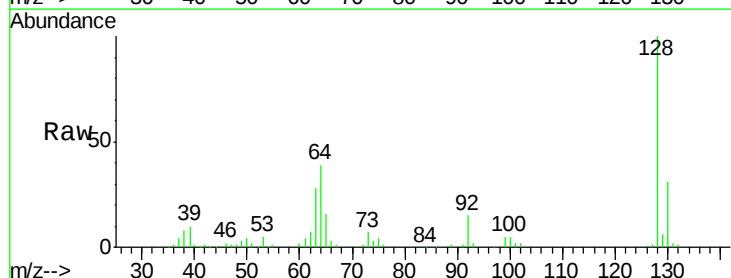
RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

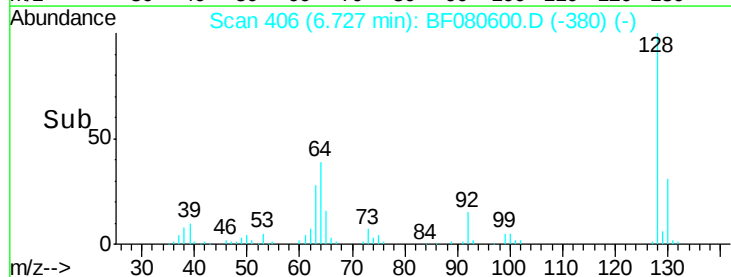
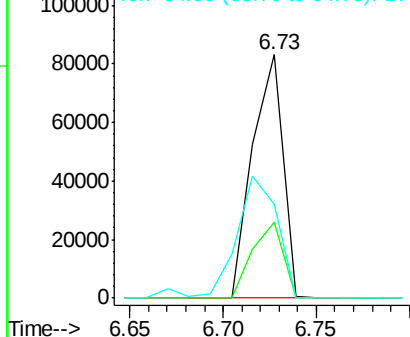
Lab File: BF080600.D

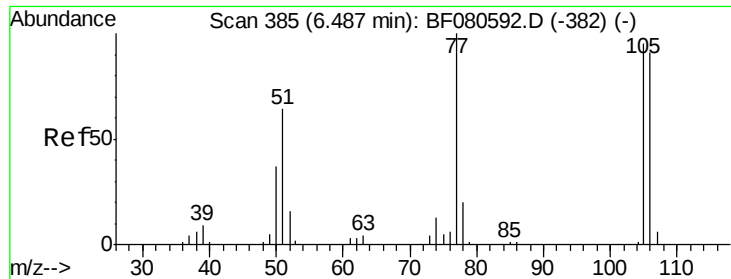
Acq: 23 Jul 2015 19:15

Tgt Ion:	128	Resp:	93943
Ion Ratio	Lower	Upper	
128	100		
130	31.1	11.8	51.8
64	38.8	20.2	60.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.59 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

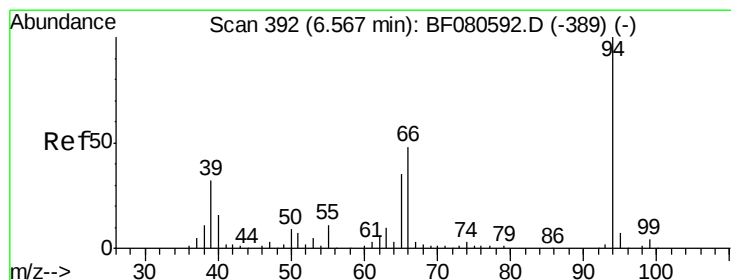
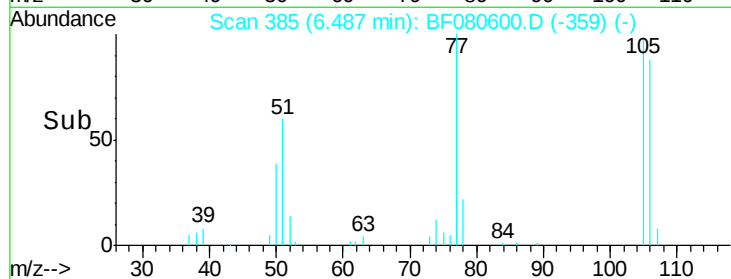
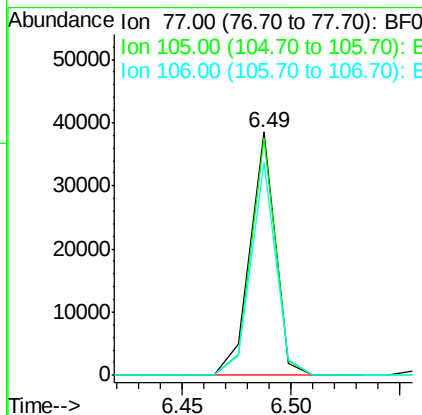
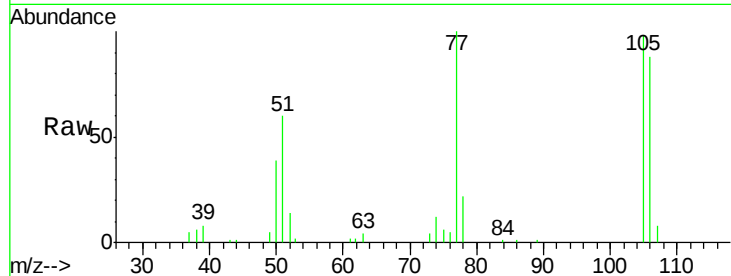
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Tgt Ion:	77	Resp:	31136
Ion	Ratio	Lower	Upper
77	100		
105	97.6	72.3	112.3
106	87.5	67.5	107.5



#10

Phenol

Concen: 40.63 ng

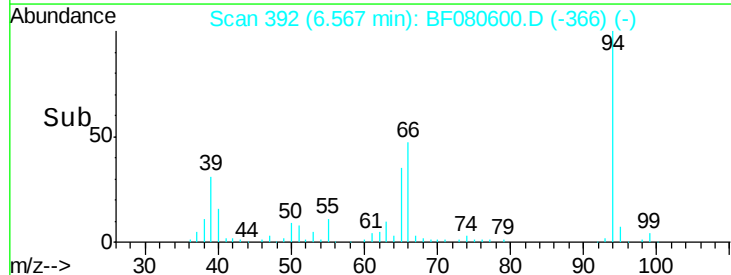
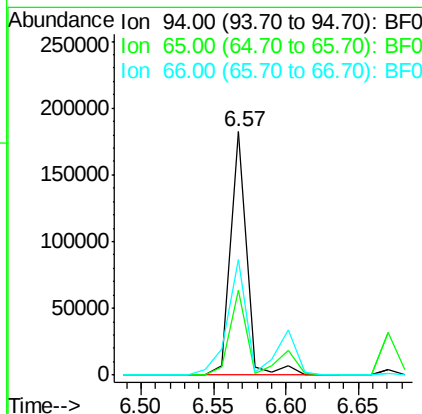
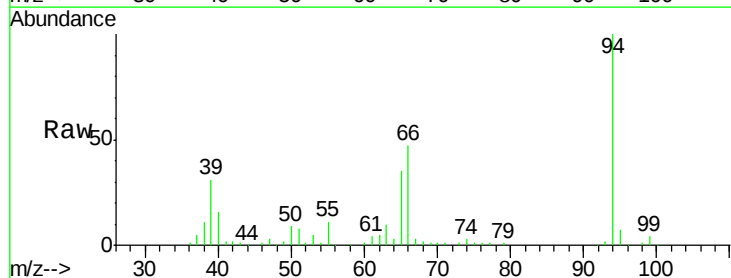
RT: 6.57 min Scan# 392

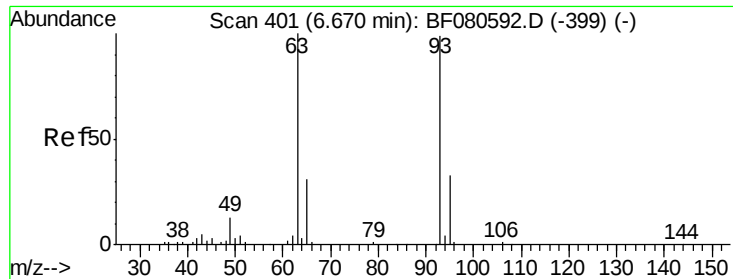
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	94	Resp:	140270
Ion	Ratio	Lower	Upper
94	100		
65	34.6	12.1	52.1
66	47.4	24.3	64.3





#11

bis(2-Chloroethyl)ether

Concen: 37.83 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

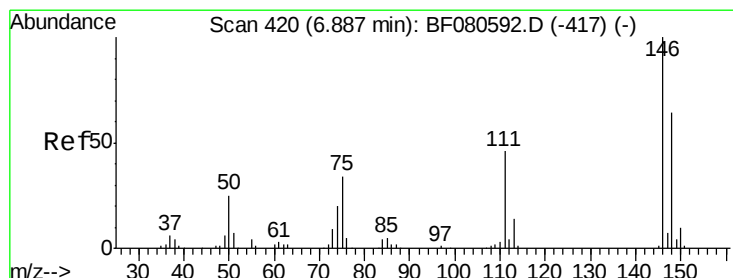
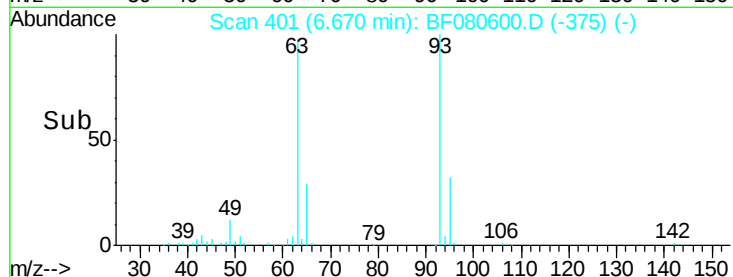
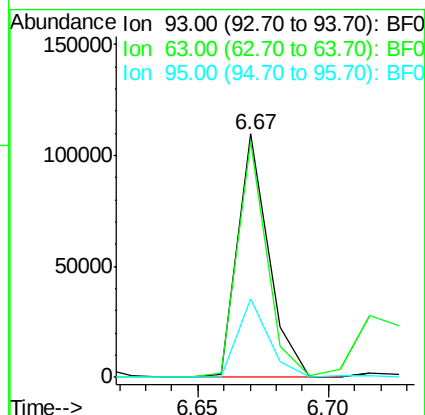
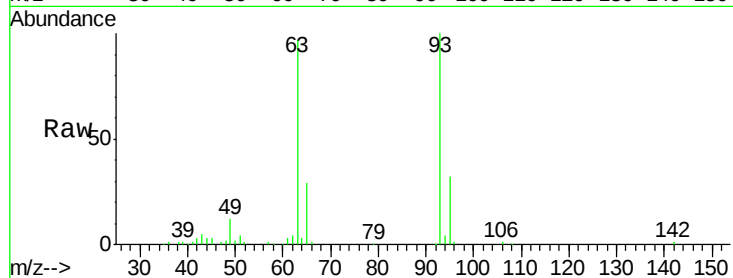
ClientSampleId :

PB84631BSD

Tgt Ion:	93	Resp:	90687
Ion Ratio	Lower	Upper	
93	100		
63	97.0	80.5	120.5
95	32.2	11.2	51.2

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#12

1,3-Dichlorobenzene

Concen: 34.81 ng

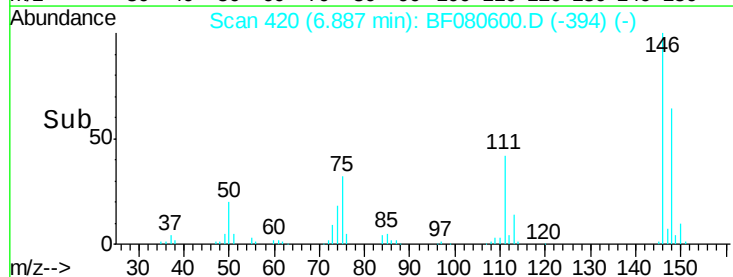
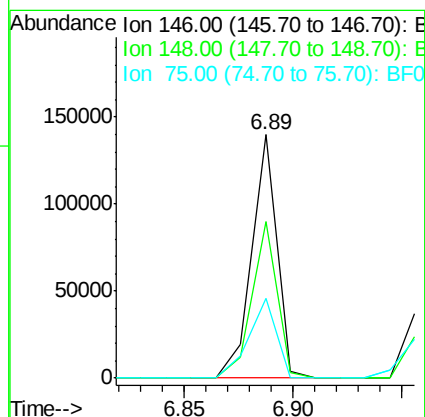
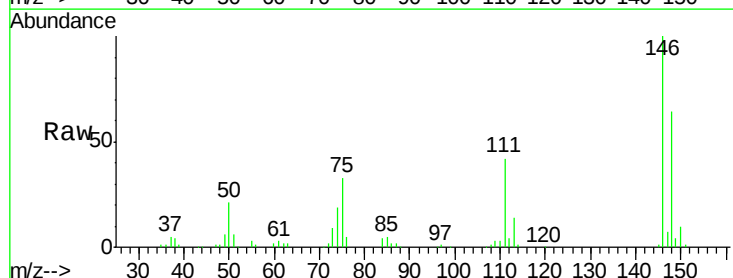
RT: 6.89 min Scan# 420

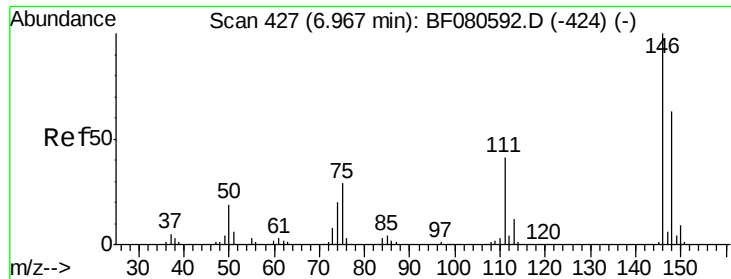
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	146	Resp:	111881
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.9	76.3
75	32.6	27.1	40.7





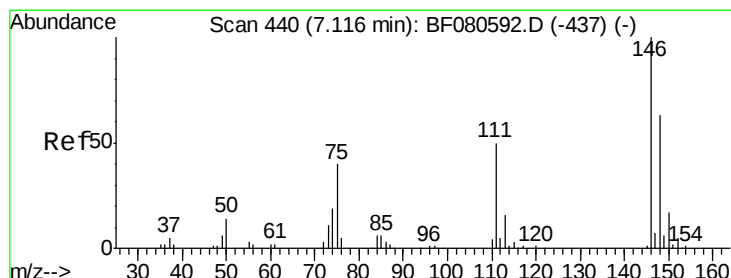
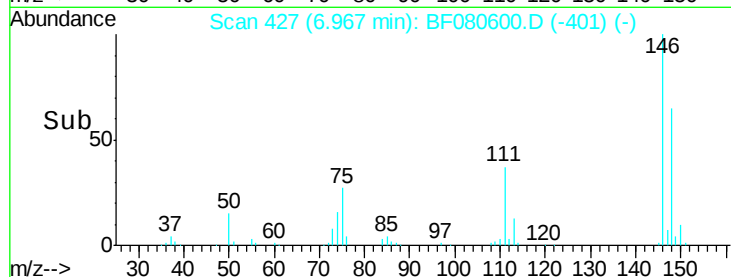
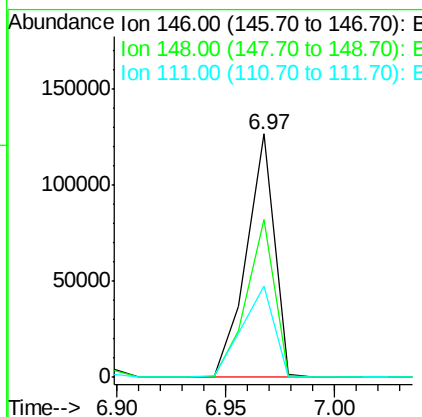
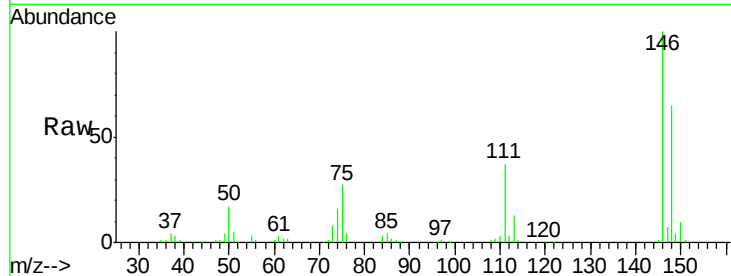
#13
 1,4-Dichlorobenzene
 Concen: 35.84 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	113056		
148	65.1	52.0	78.0	
111	37.5	31.4	47.2	

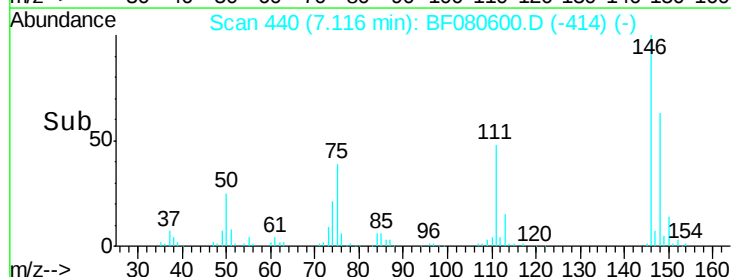
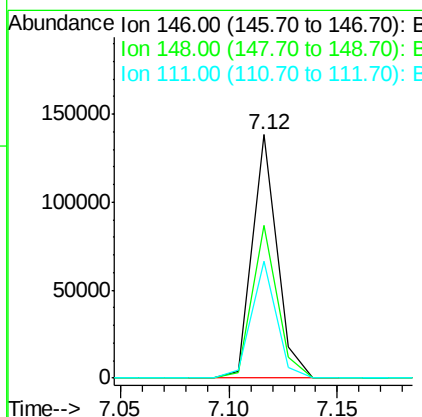
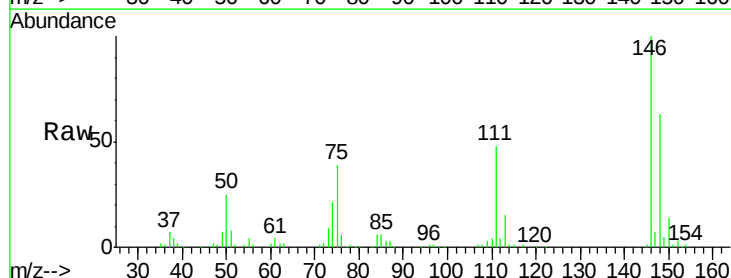
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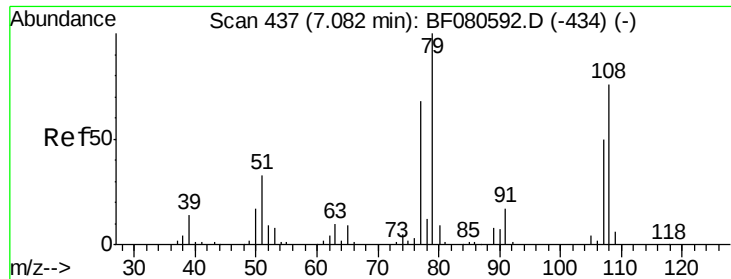
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#14
 1,2-Dichlorobenzene
 Concen: 37.41 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	109392		
148	63.0	50.3	75.5	
111	48.1	38.2	57.2	





#15

Benzyl Alcohol

Concen: 37.95 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

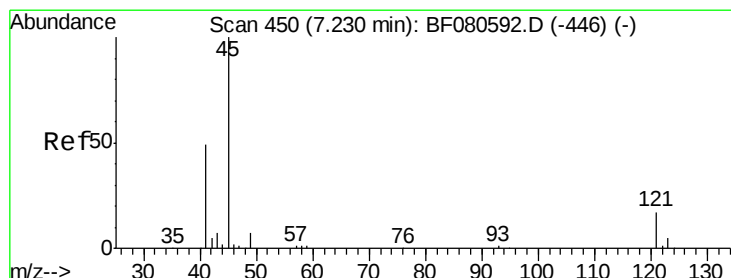
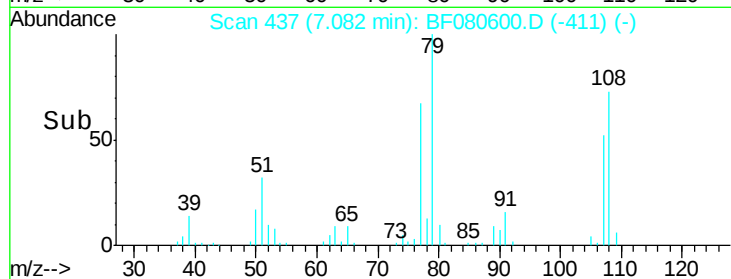
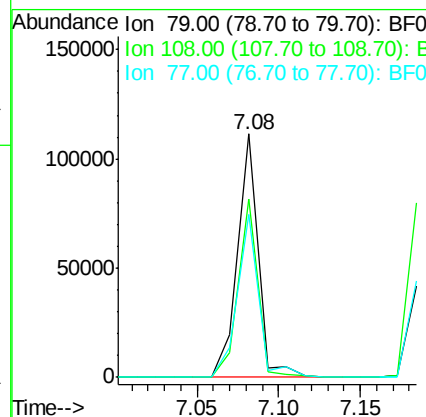
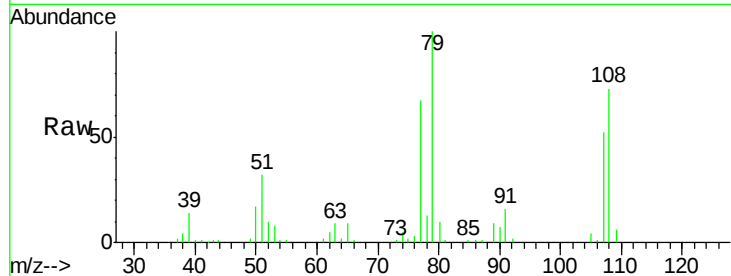
ClientSampled :

PB84631BSD

Tgt Ion:	79	Resp:	96495
Ion Ratio	Lower	Upper	
79	100		
108	73.3	61.5	92.3
77	67.1	53.6	80.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.17 ng

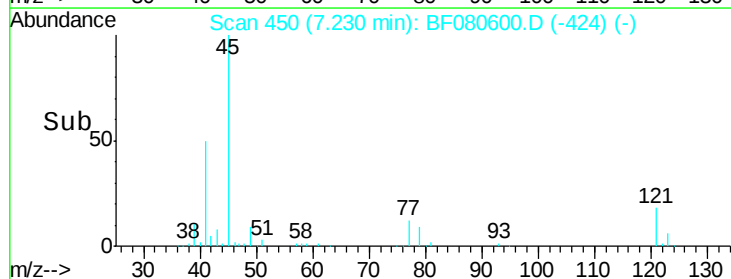
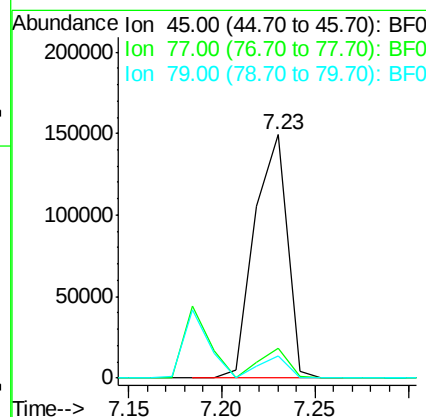
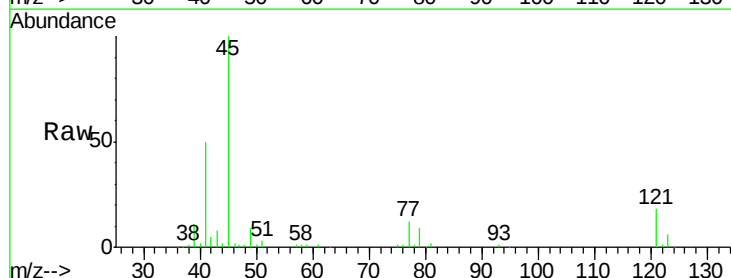
RT: 7.23 min Scan# 450

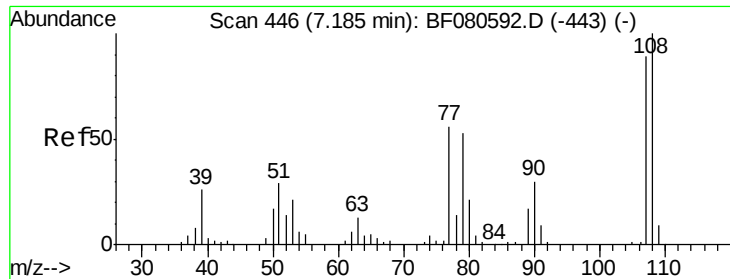
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	45	Resp:	180626
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	30.8
79	9.3	0.0	28.6





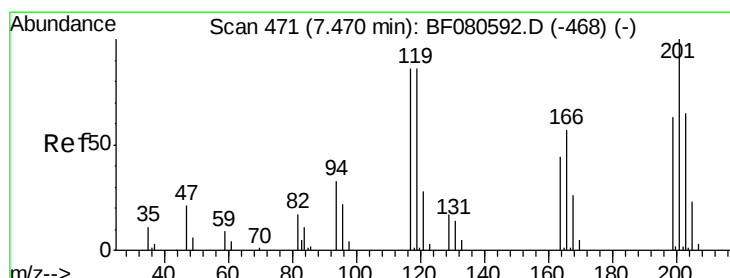
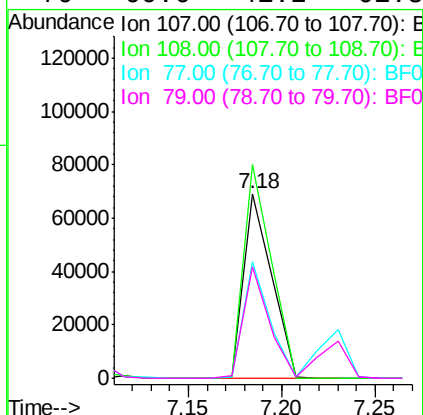
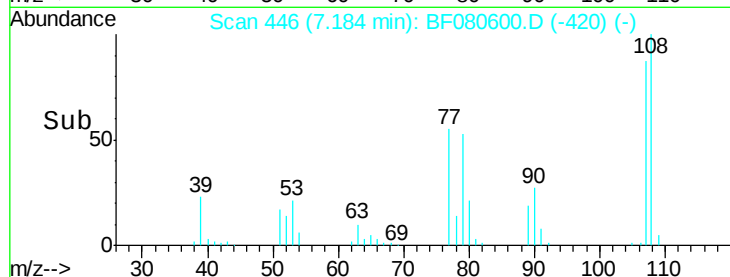
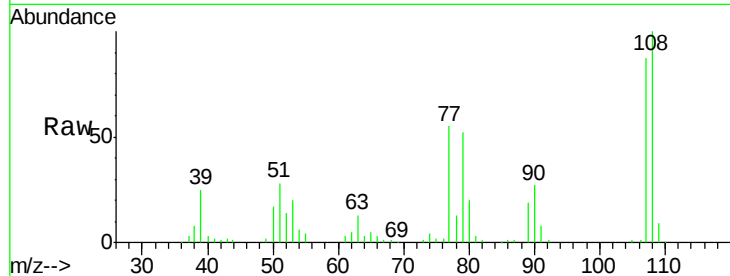
#17
 2-Methylphenol
 Concen: 36.02 ng
 RT: 7.18 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion:	107	Resp:	71963
Ion Ratio	Lower	Upper	
107	100		
108	115.6	86.0	129.0
77	63.4	43.4	65.2
79	60.6	41.2	61.8

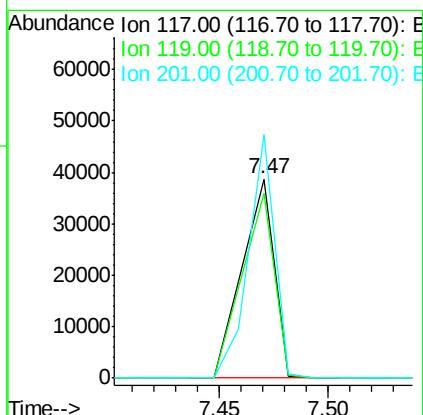
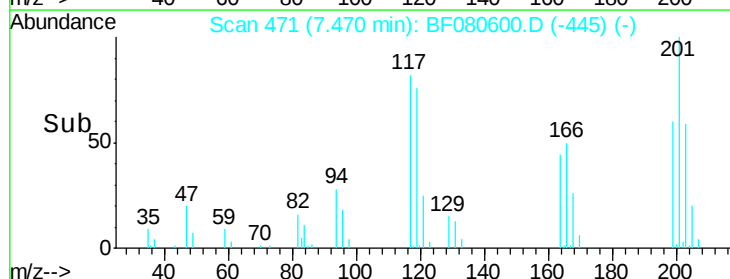
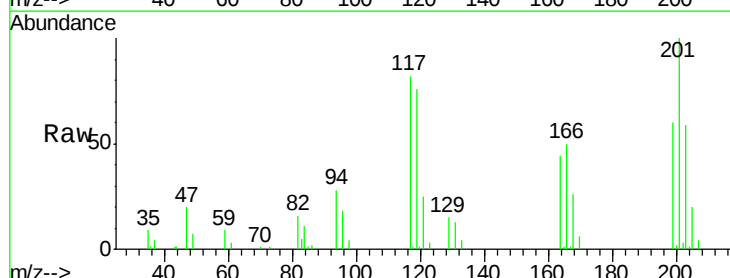
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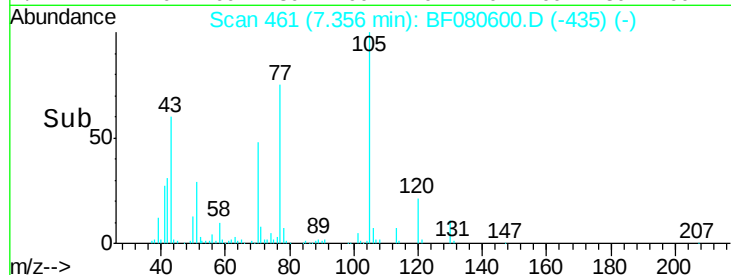
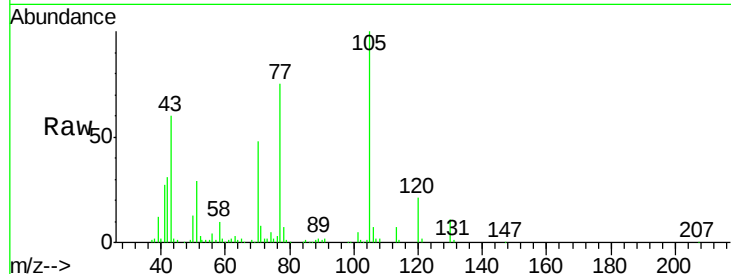
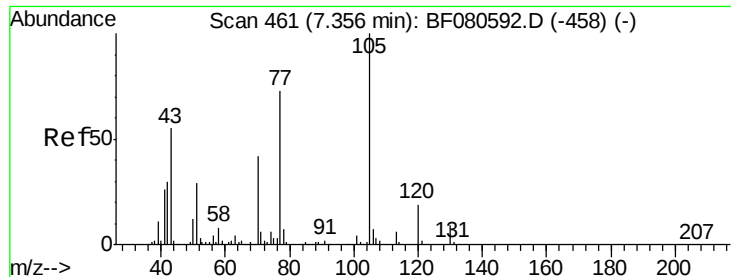
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#18
 Hexachloroethane
 Concen: 36.35 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion:	117	Resp:	39660
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.5	114.7
201	122.3	91.6	137.4





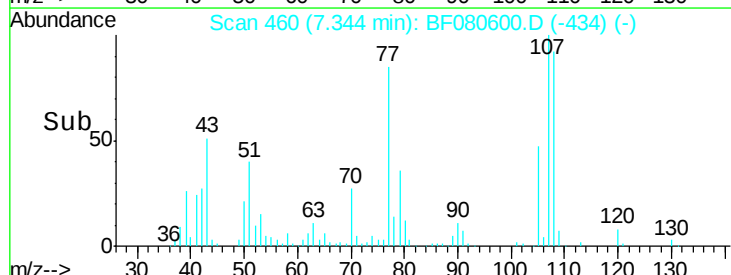
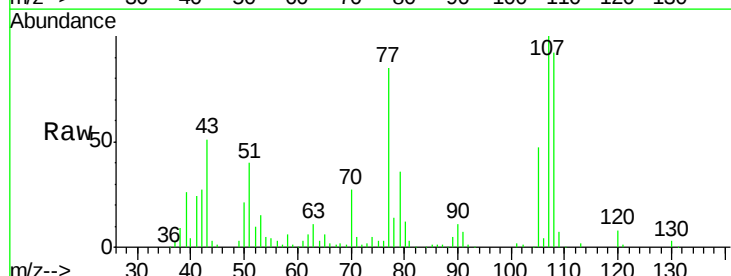
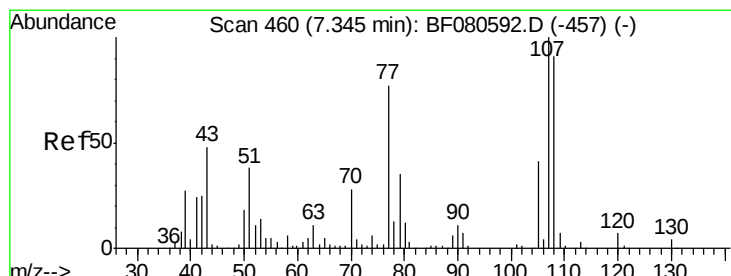
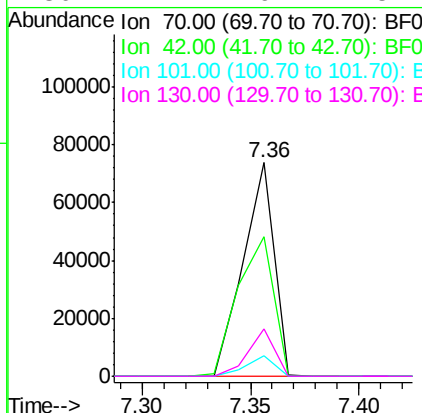
#19
n-Nitroso-di-n-propylamine
Concen: 37.22 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.2	56.6	85.0
101	9.7	9.7	14.5#
130	22.1	19.1	28.7

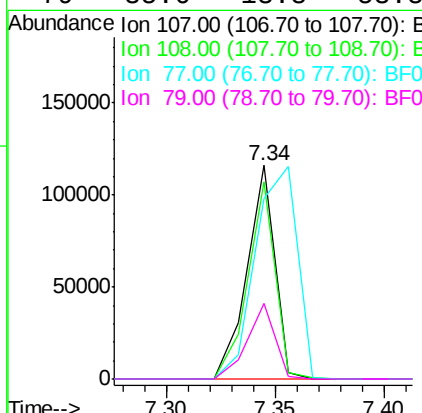
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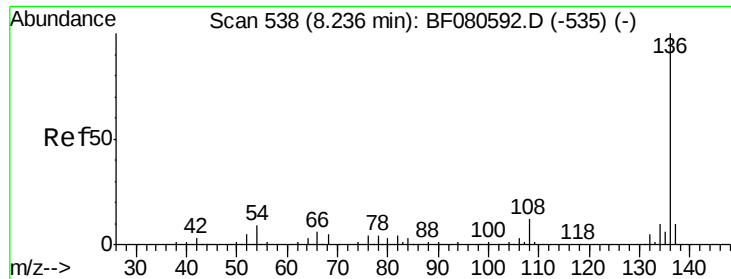
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#20
3+4-Methylphenols
Concen: 37.30 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	75.6	115.6
77	84.5	84.7	124.7#
79	35.6	13.8	53.8





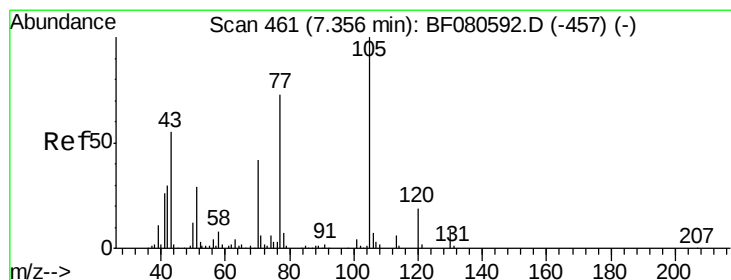
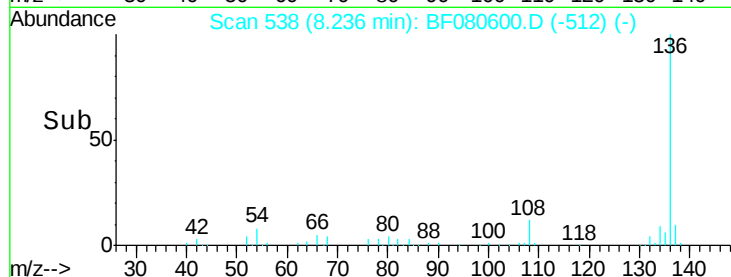
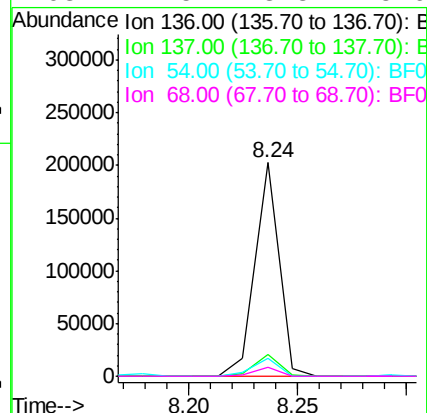
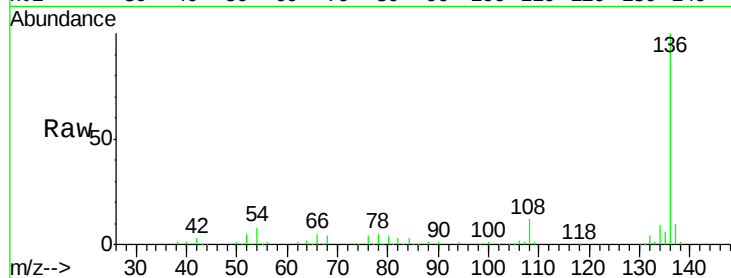
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	155771		
137	10.4	7.8	11.8	
54	8.4	7.2	10.8	
68	4.5	3.8	5.6	

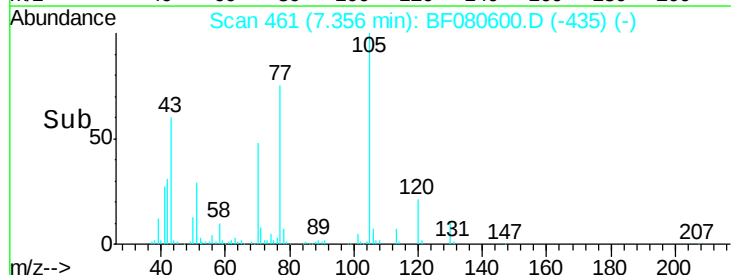
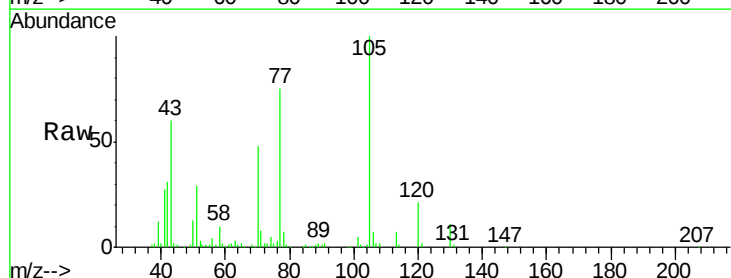
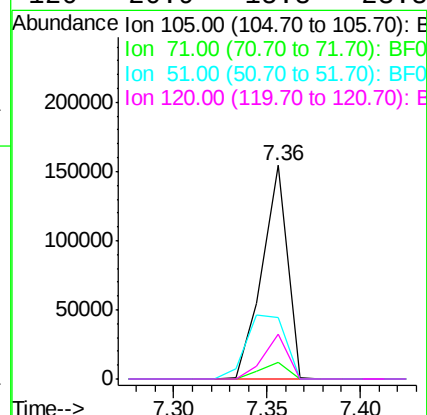
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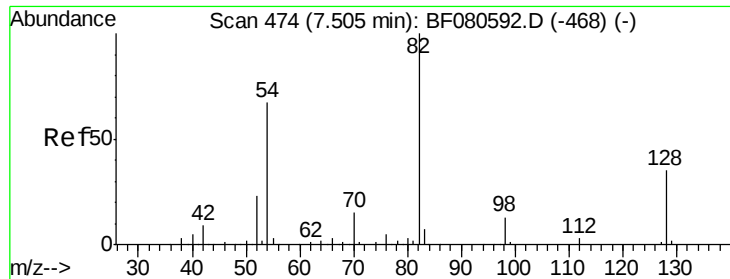
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#22
Acetophenone
Concen: 38.14 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	144694		
71	7.8	5.5	8.3	
51	28.8	23.0	34.4	
120	20.9	15.8	23.8	





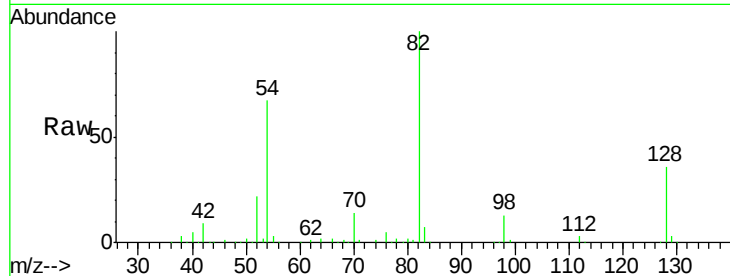
#23
 Nitrobenzene-d5
 Concen: 82.34 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

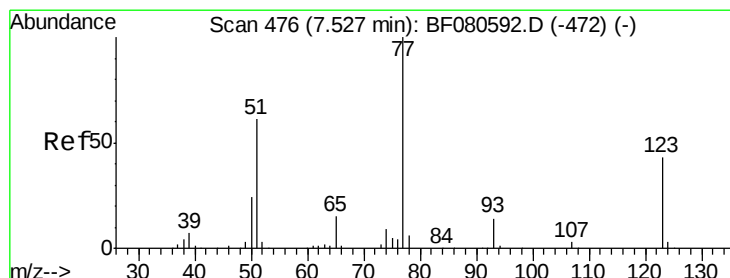
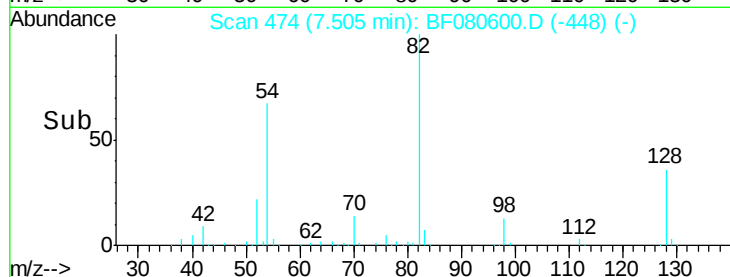
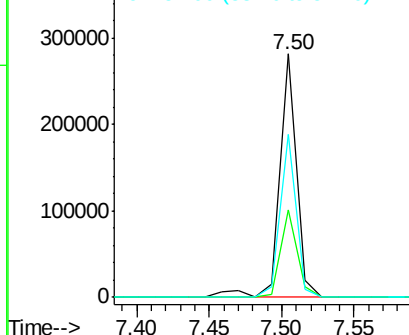
Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.2	28.9	43.3
54	66.8	54.5	81.7

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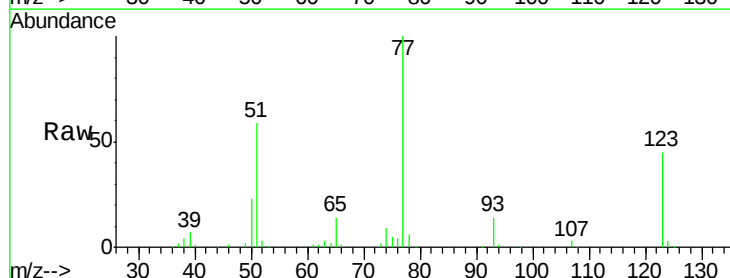


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

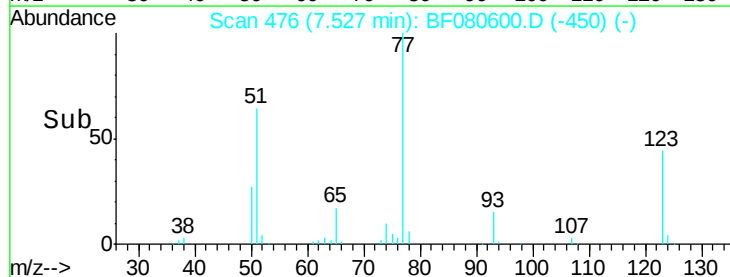
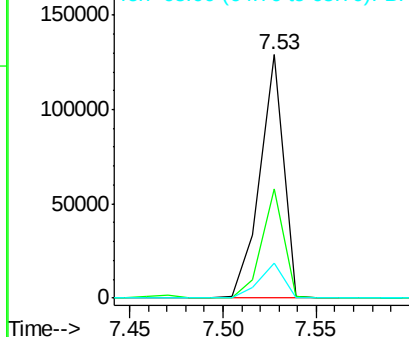


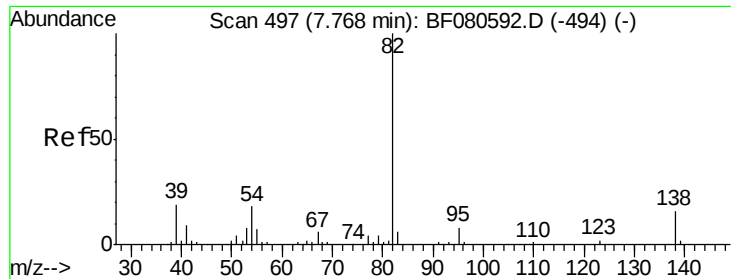
#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	44.8	37.1	55.7
65	14.3	11.4	17.2



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: 39.31 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

PB84631BSD

Tgt Ion: 82 Resp: 200147
Ion Ratio Lower Upper

82 100

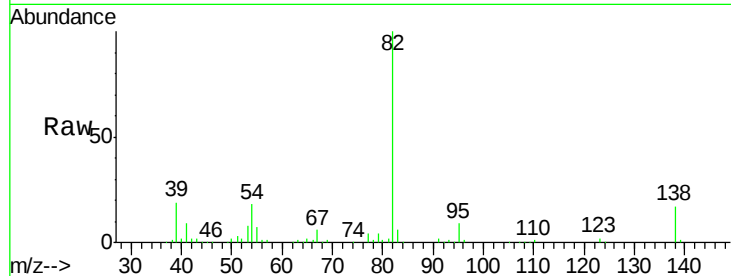
95 8.6 5.9 8.9

138 17.2 13.4 20.2

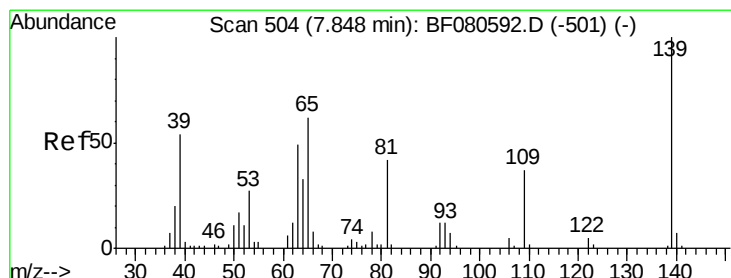
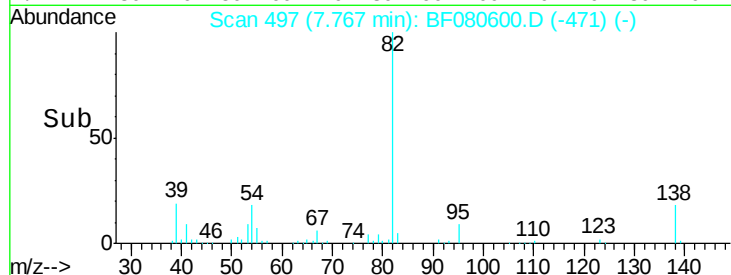
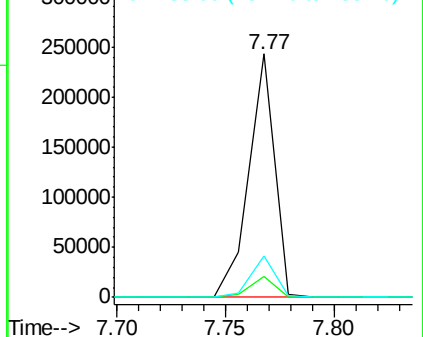
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.54 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080600.D

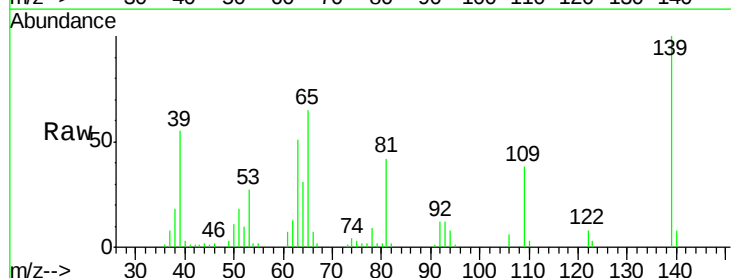
Acq: 23 Jul 2015 19:15

Tgt Ion: 139 Resp: 39416
Ion Ratio Lower Upper

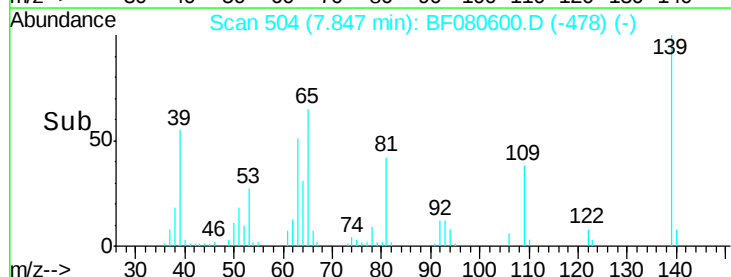
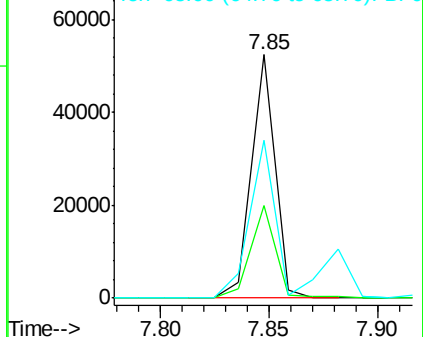
139 100

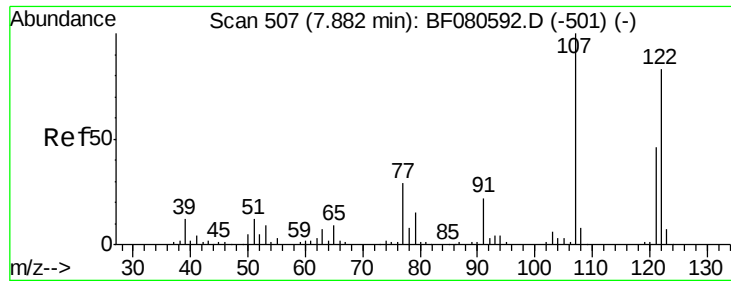
109 38.3 26.0 39.0

65 64.7 45.4 68.0



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





#27

2,4-Dimethylphenol

Concen: 38.91 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF080600.D

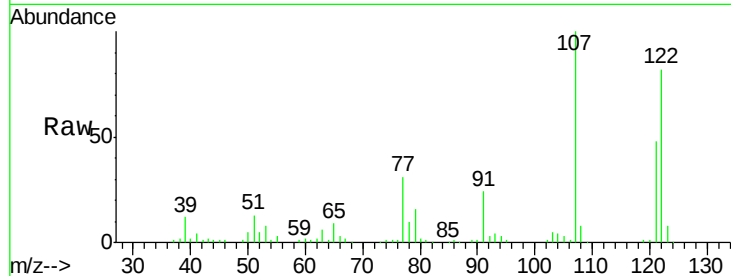
Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

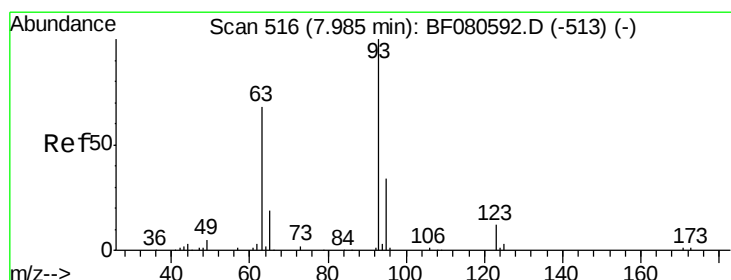
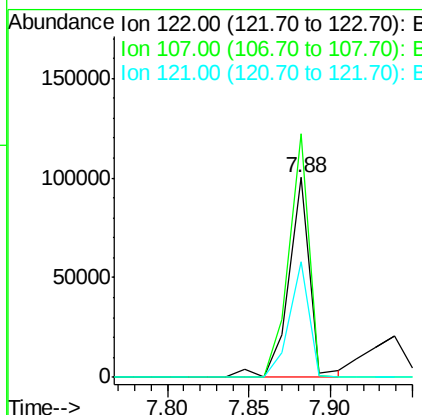
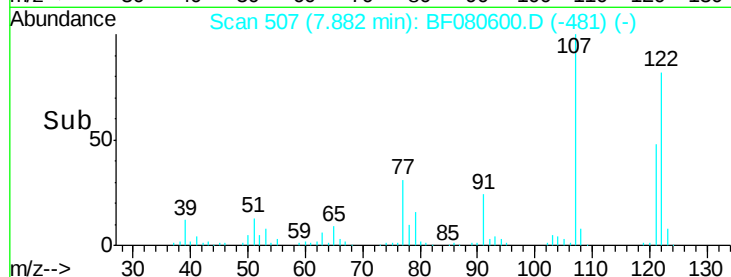
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Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.9	92.3	138.5
121	58.1	47.1	70.7

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#28

bis(2-Chloroethoxy)methane

Concen: 38.40 ng

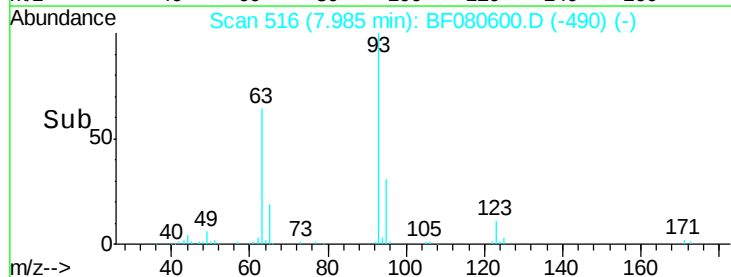
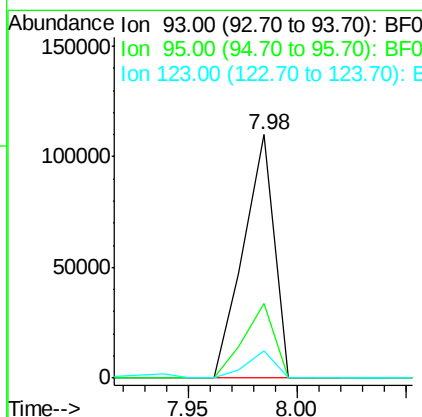
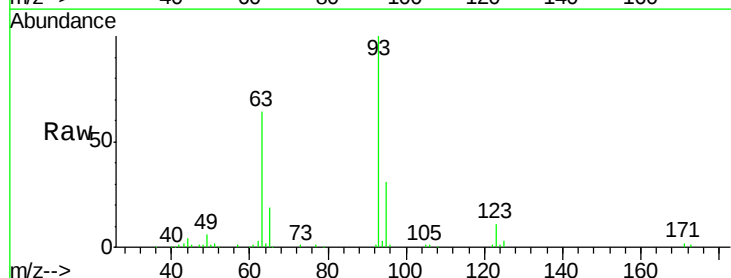
RT: 7.98 min Scan# 516

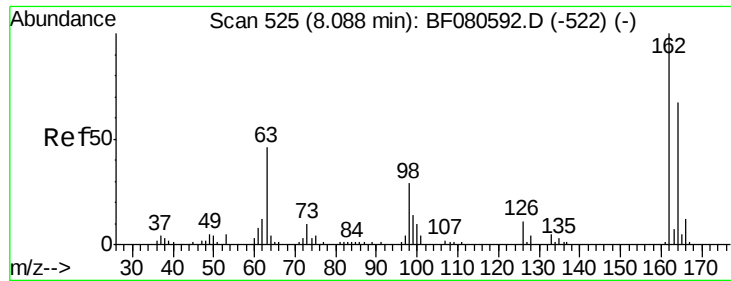
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.9	38.9
123	11.1	10.3	15.5





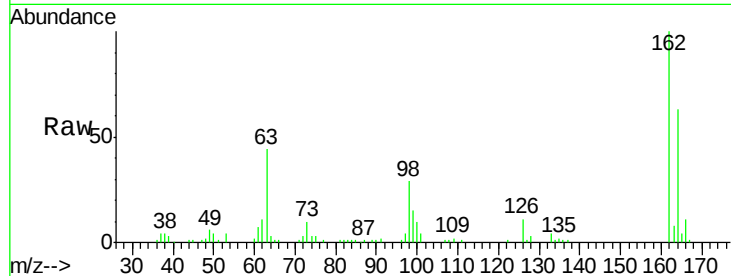
#29
 2,4-Dichlorophenol
 Concen: 38.32 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

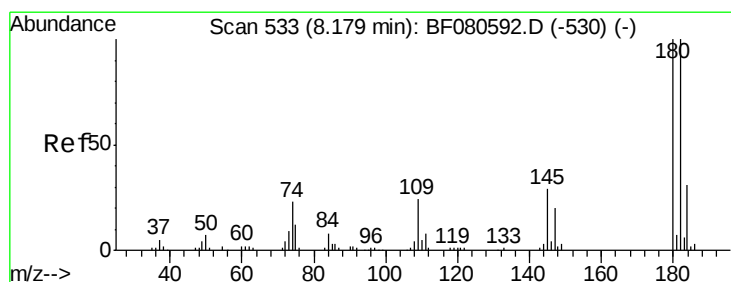
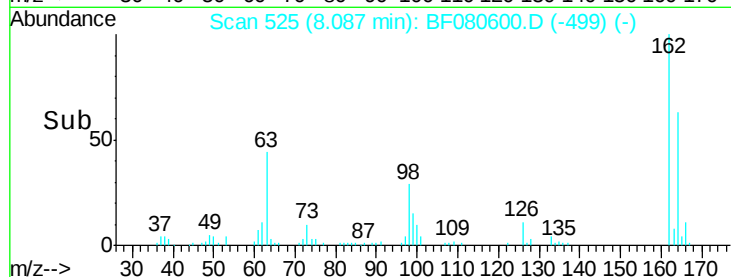
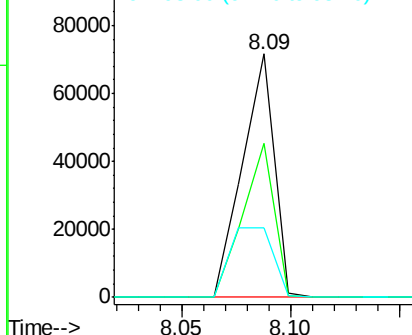
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	72692		
164	63.5	44.1	84.1	
98	28.5	8.9	48.9	

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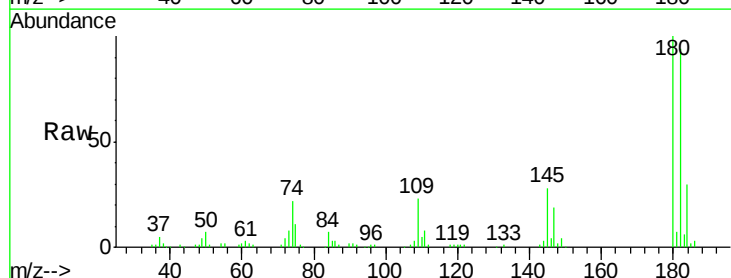


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

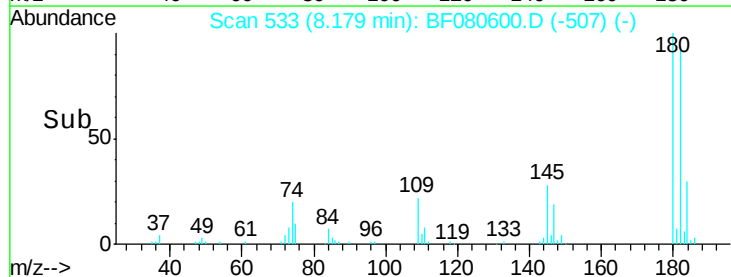
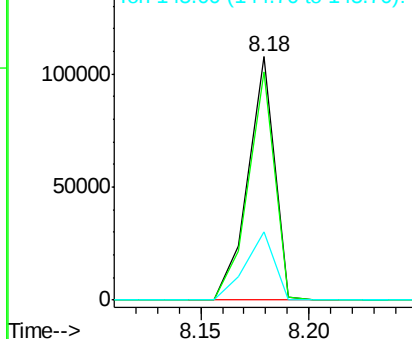


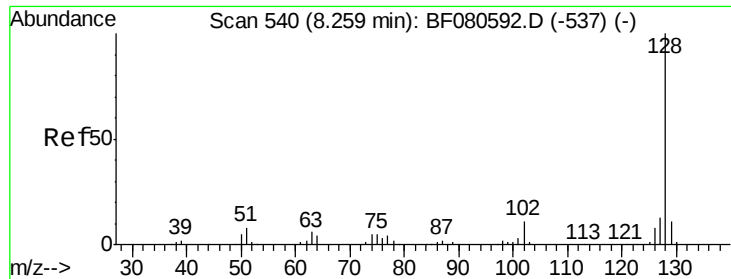
#30
 1,2,4-Trichlorobenzene
 Concen: 36.97 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91167		
182	93.8	79.0	118.4	
145	28.2	22.0	33.0	



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





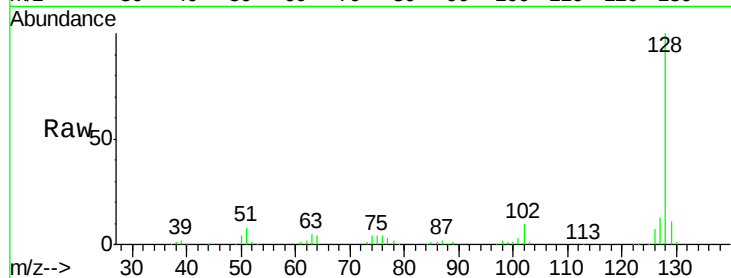
#31
Naphthalene
Concen: 37.80 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

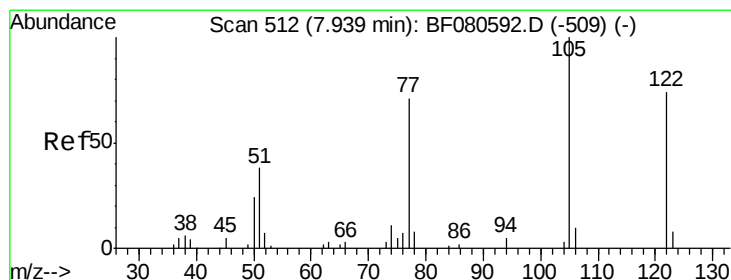
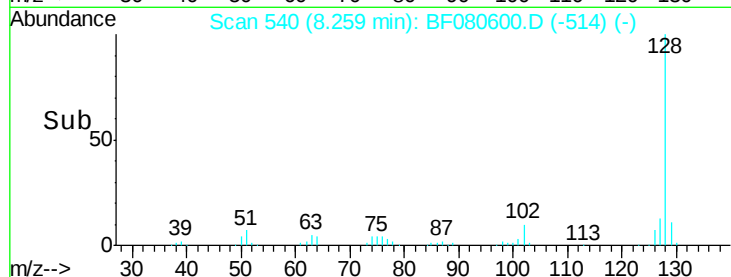
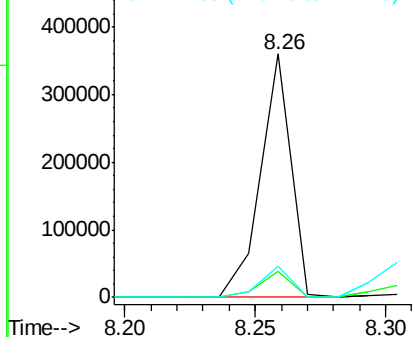
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.6	13.0
127	12.8	10.7	16.1

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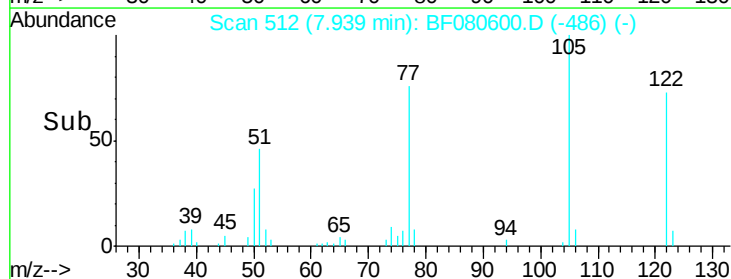
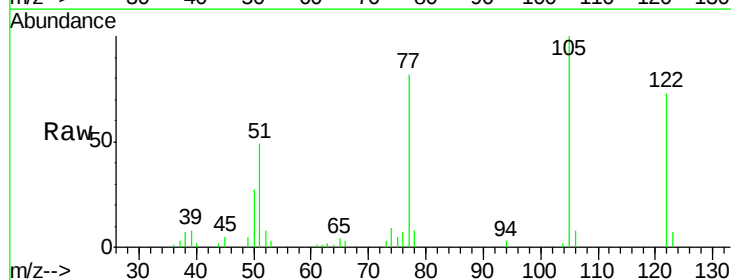
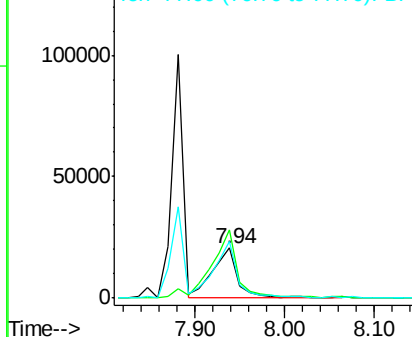
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

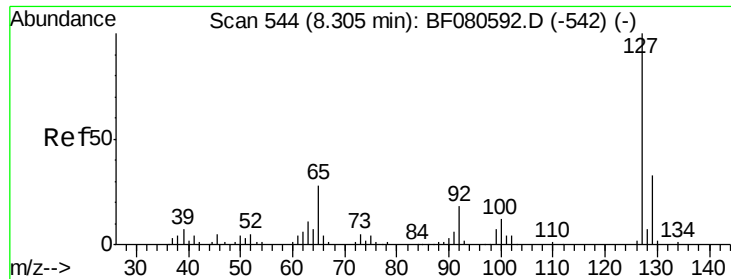


#32
Benzoic acid
Concen: 39.68 ng m
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	136.4	112.5	152.5
77	112.5	102.5	142.5

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





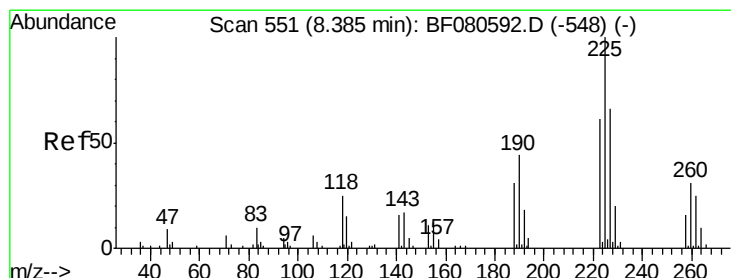
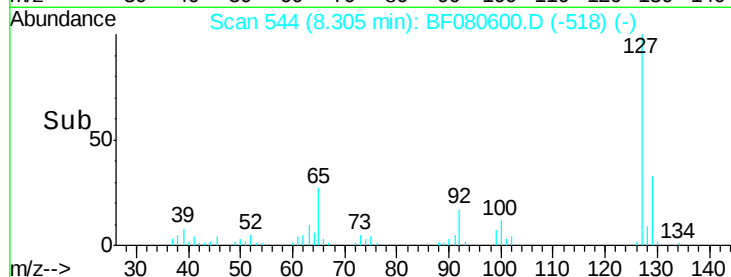
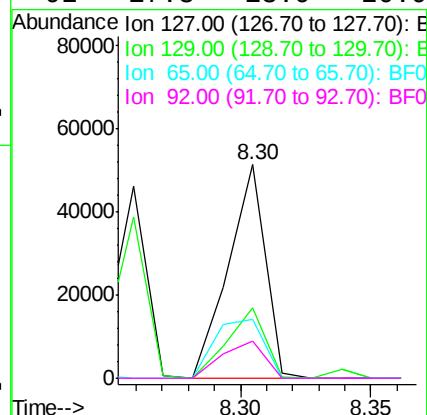
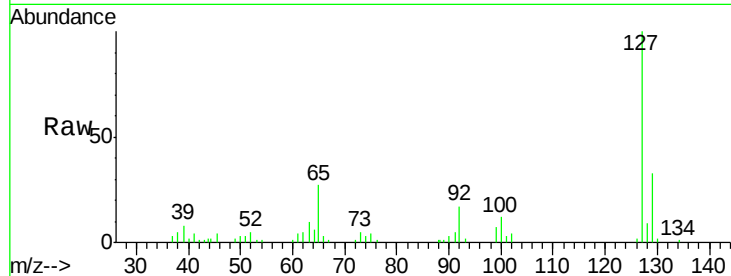
#33
4-Chloroaniline
Concen: 16.73 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	51144		
129	32.9	27.8	41.6	
65	27.3	21.2	31.8	
92	17.3	13.9	20.9	

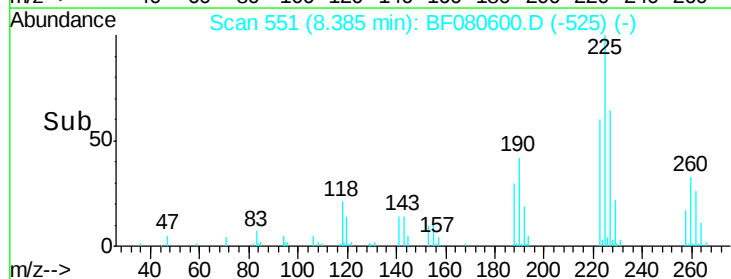
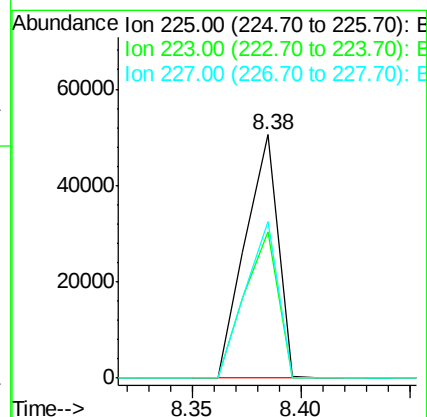
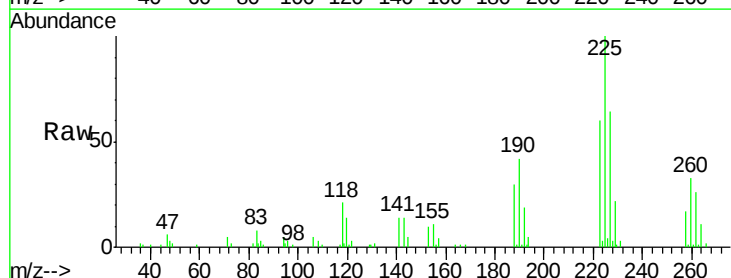
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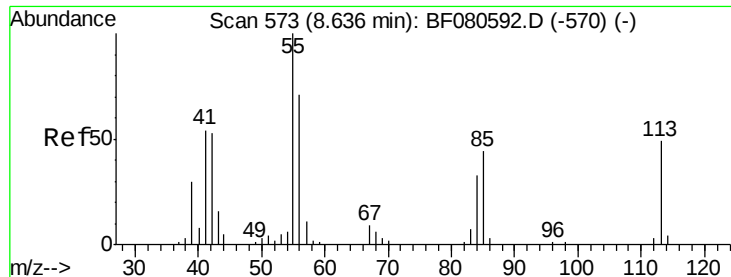
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#34
Hexachlorobutadiene
Concen: 36.66 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52706		
223	60.1	50.3	75.5	
227	64.2	54.5	81.7	





#35

Caprolactam

Concen: 41.83 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

PB84631BSD

Tgt Ion:113 Resp: 21365
Ion Ratio Lower Upper

113 100

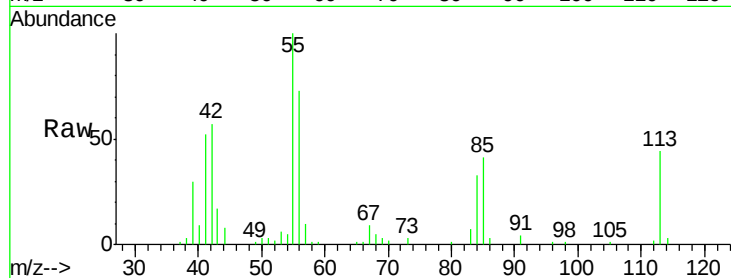
55 228.1 259.3 299.3#

56 166.3 171.6 211.6#

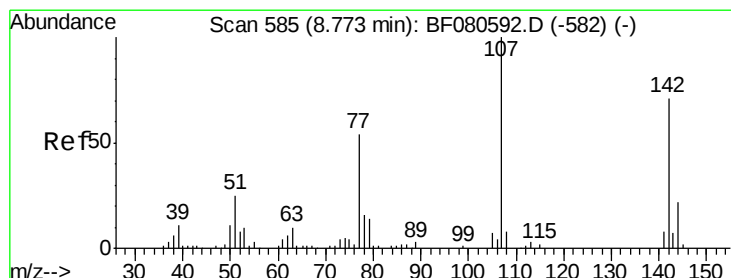
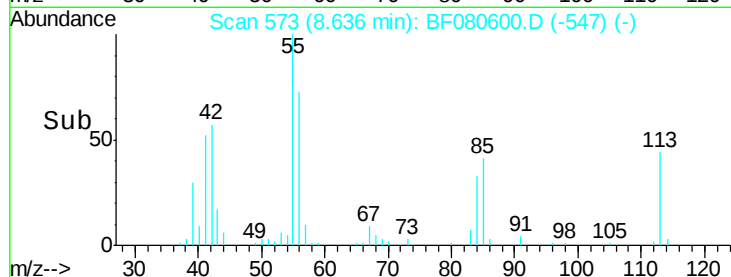
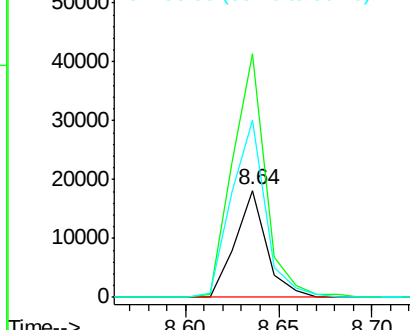
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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.29 ng

RT: 8.77 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF080600.D

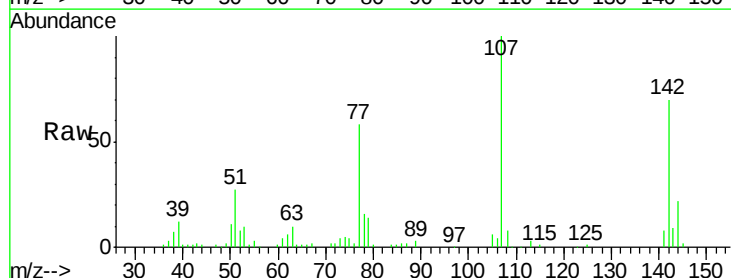
Acq: 23 Jul 2015 19:15

Tgt Ion:107 Resp: 95421
Ion Ratio Lower Upper

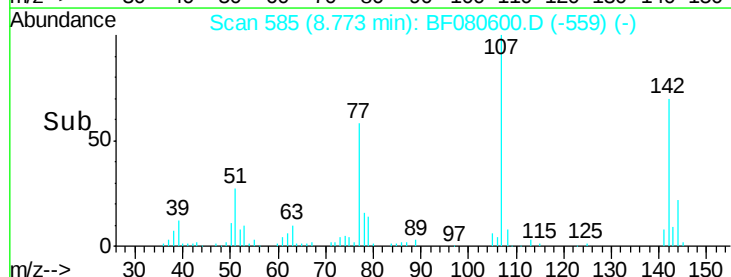
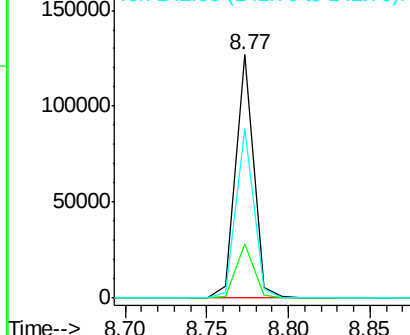
107 100

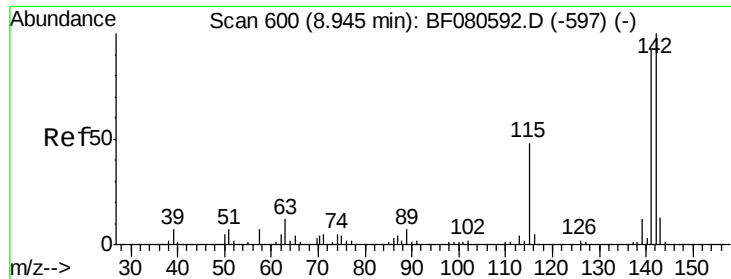
144 22.2 17.7 26.5

142 69.6 57.7 86.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





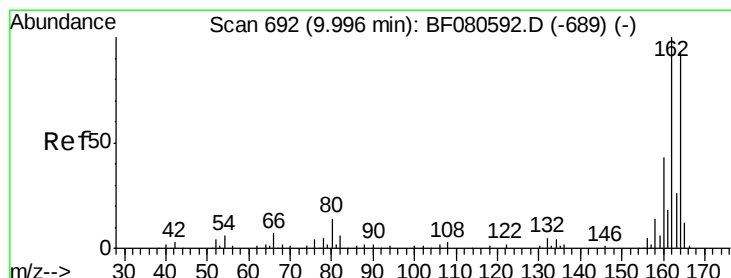
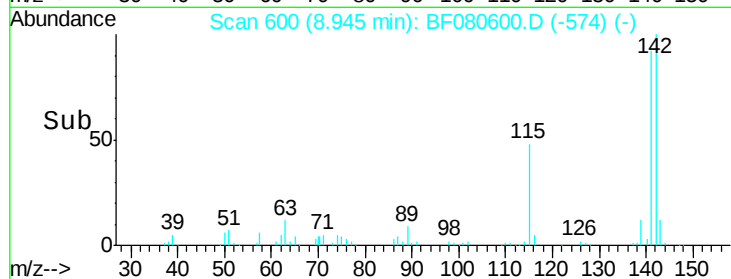
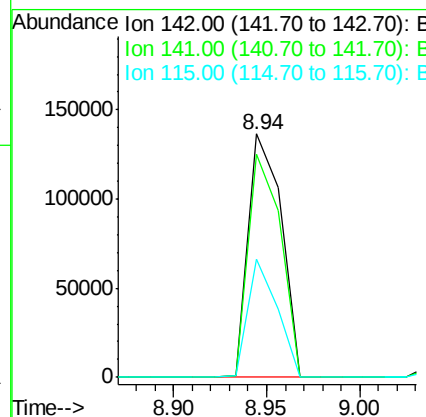
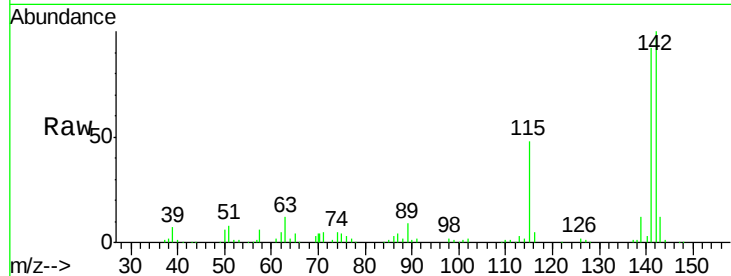
#37
 2-Methylnaphthalene
 Concen: 38.39 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	167517		
141	91.8	72.6	109.0	
115	48.3	38.2	57.2	

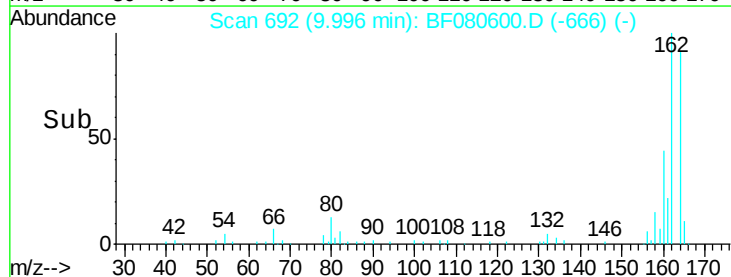
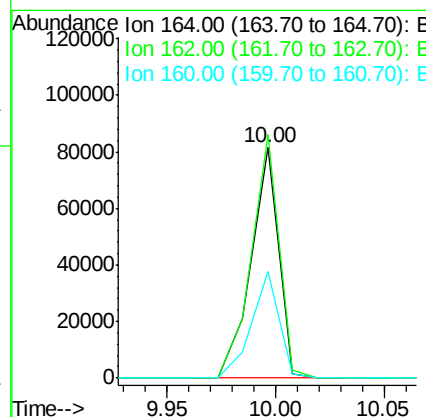
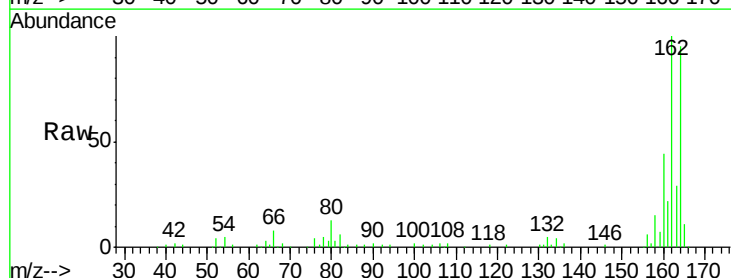
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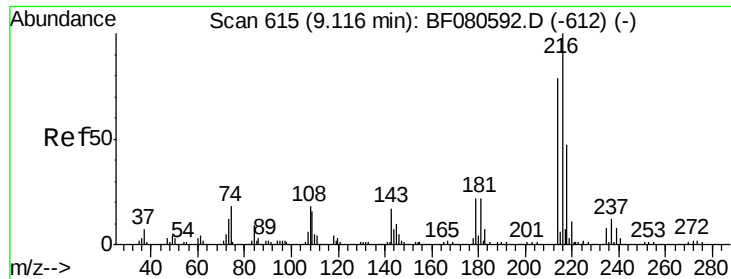
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	71224		
162	105.6	82.2	123.4	
160	46.5	36.1	54.1	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.81 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

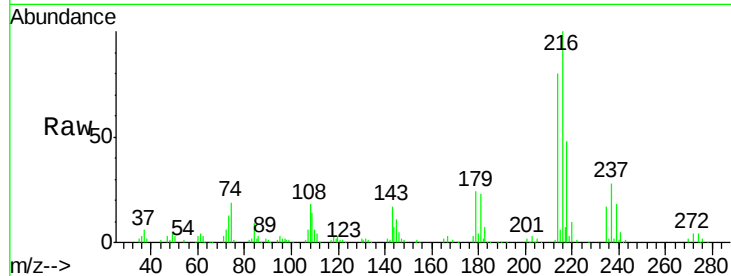
ClientSampleId :

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Tgt Ion:	216	Resp:	88657
Ion Ratio	Lower	Upper	
216	100		
214	80.1	62.6	93.8
179	24.3	18.0	27.0
108	25.0	15.9	23.9#

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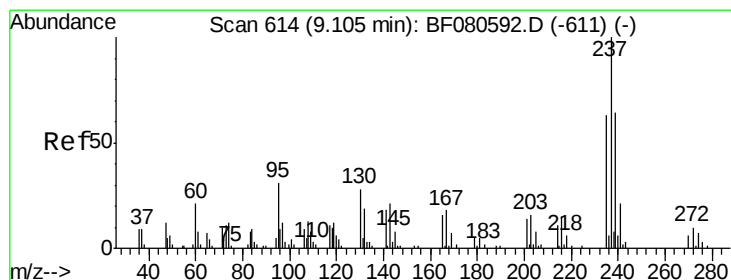
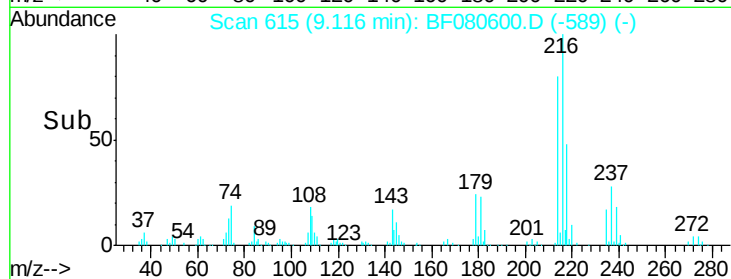
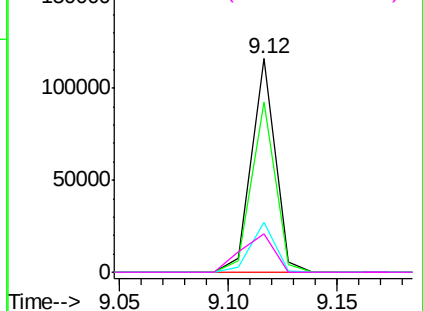


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.33 ng

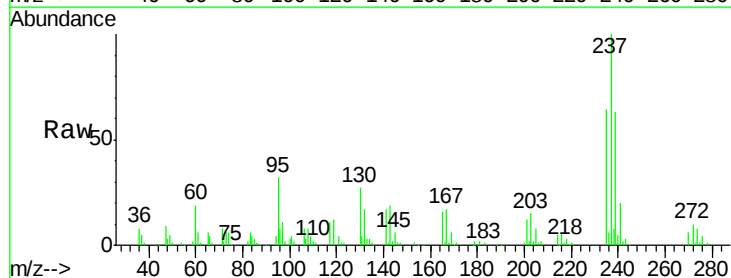
RT: 9.10 min Scan# 614

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

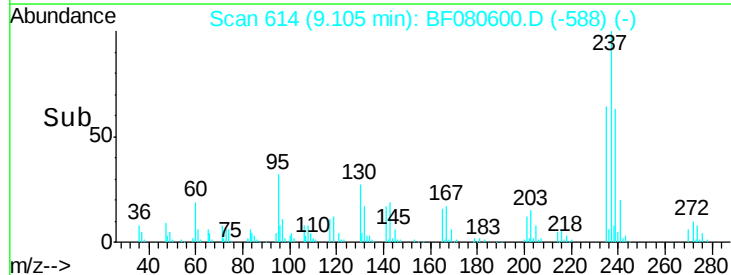
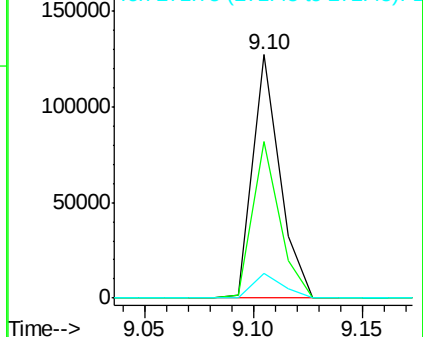
Tgt Ion:	237	Resp:	110755
Ion Ratio	Lower	Upper	
237	100		
235	64.2	47.3	87.3
272	10.2	0.0	31.5

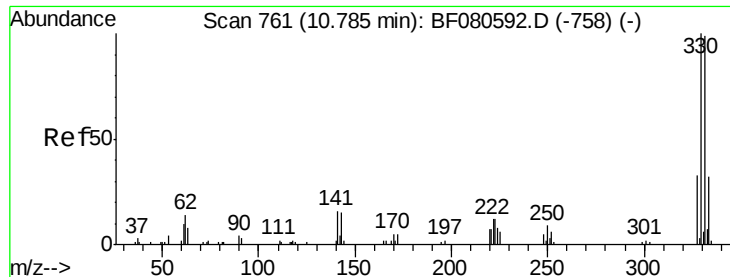


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 84.25 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

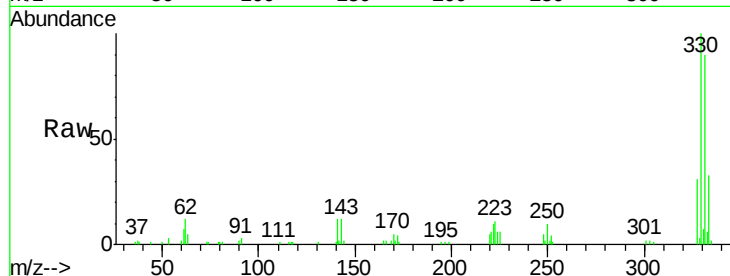
ClientSampled :

PB84631BSD

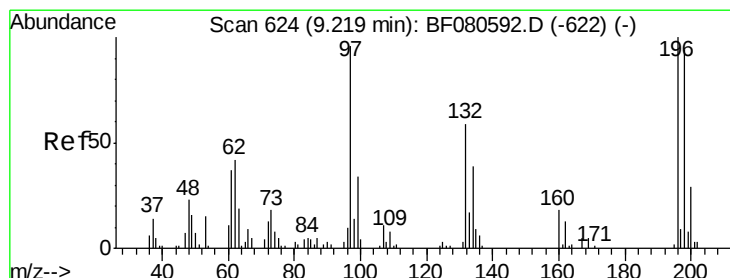
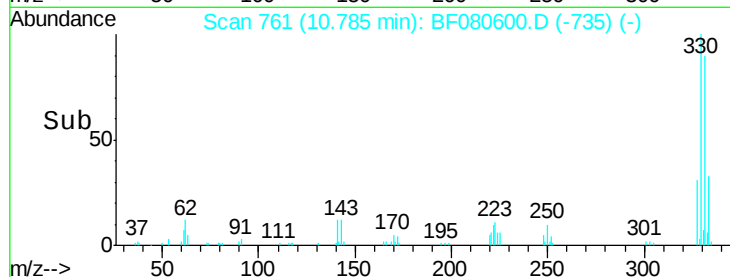
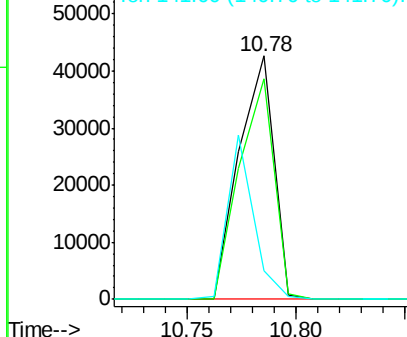
Tgt Ion:	330	Resp:	47550
Ion Ratio	Lower	Upper	
330	100		
332	90.1	78.3	117.5
141	50.3	37.9	56.9

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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: 37.71 ng

RT: 9.22 min Scan# 624

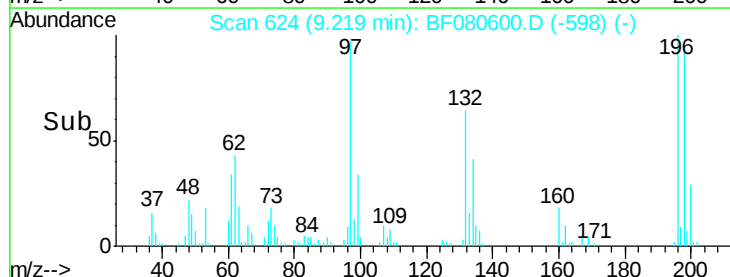
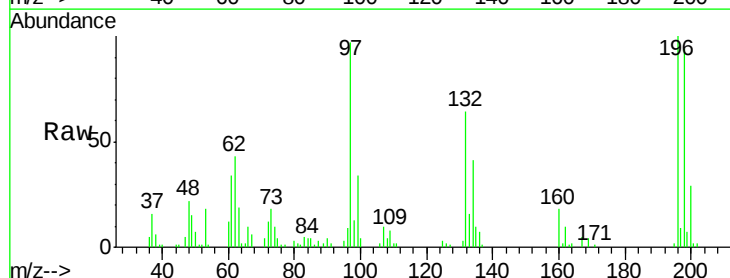
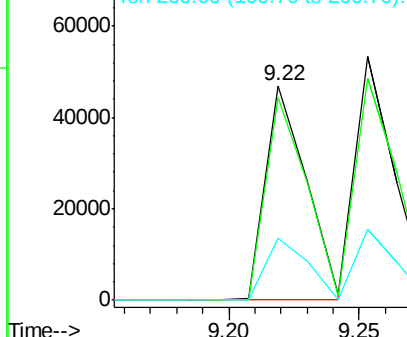
Delta R.T. -0.00 min

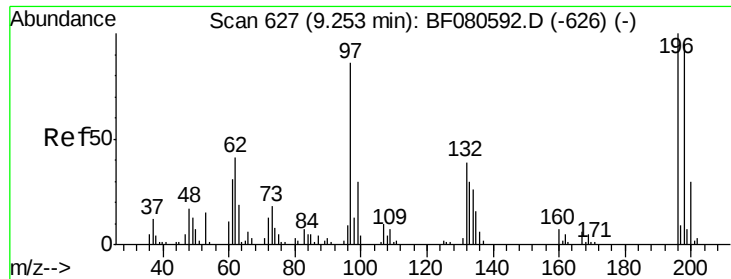
Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	196	Resp:	50934
Ion Ratio	Lower	Upper	
196	100		
198	94.3	73.9	110.9
200	29.1	23.4	35.0

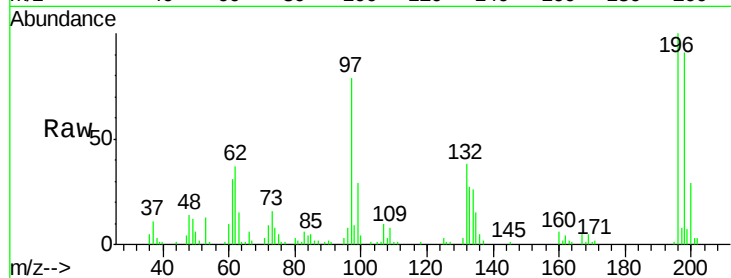
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.49 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

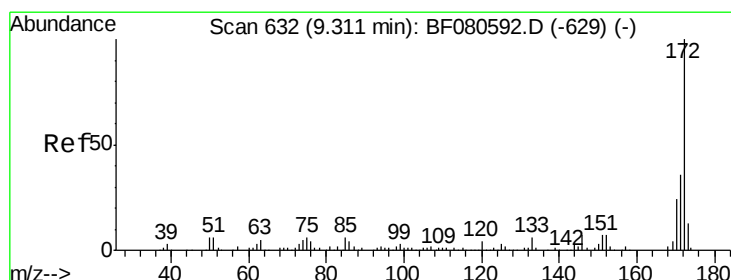
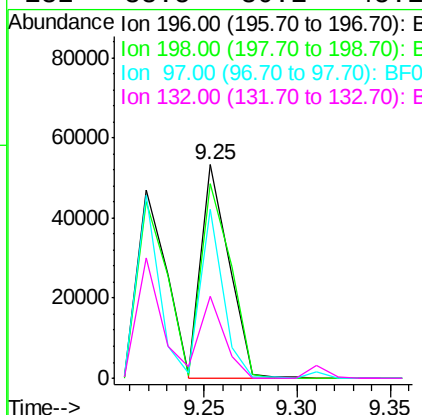
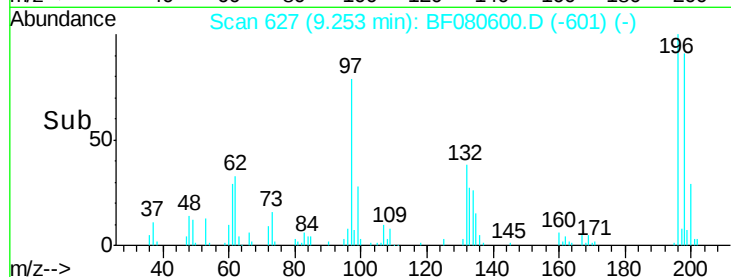
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD



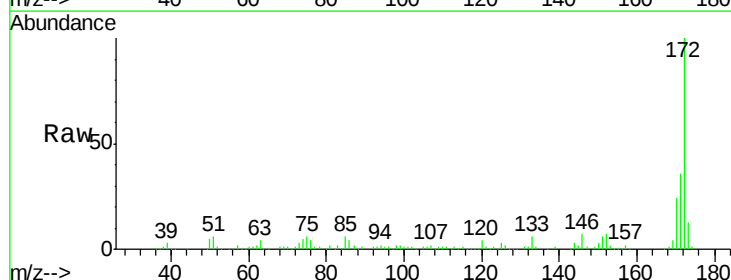
Tgt Ion:	196	Resp:	55217
Ion Ratio	Lower	Upper	
196	100		
198	91.3	76.9	115.3
97	79.0	63.0	94.4
132	38.5	30.1	45.1

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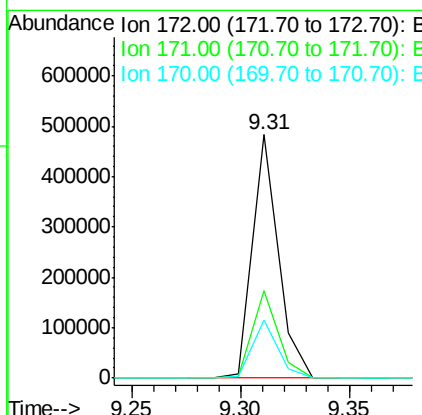
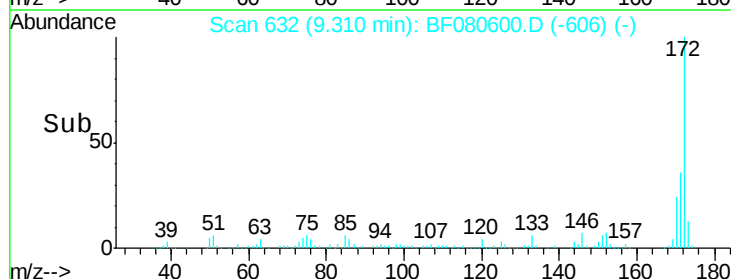
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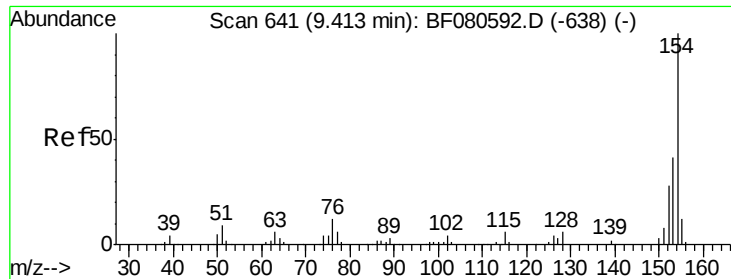


#44
 2-Fluorobiphenyl
 Concen: 81.16 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15



Tgt Ion:	172	Resp:	398388
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.7	41.5
170	23.8	19.1	28.7





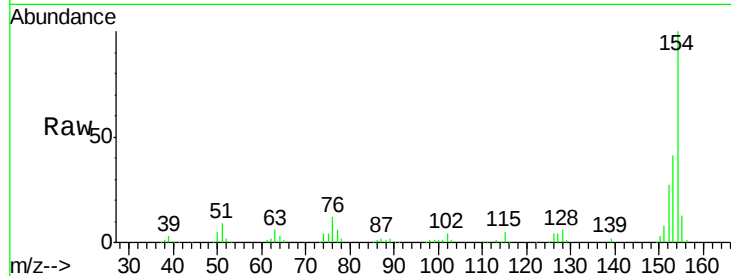
#45
 1,1'-Biphenyl
 Concen: 40.10 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

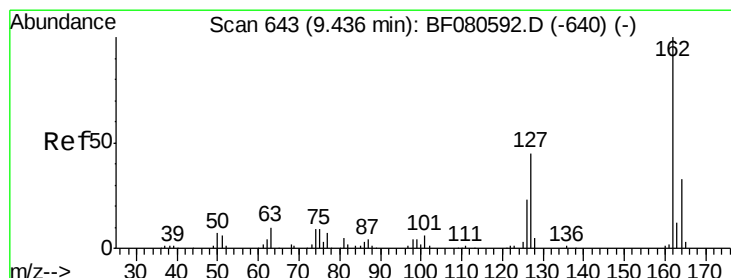
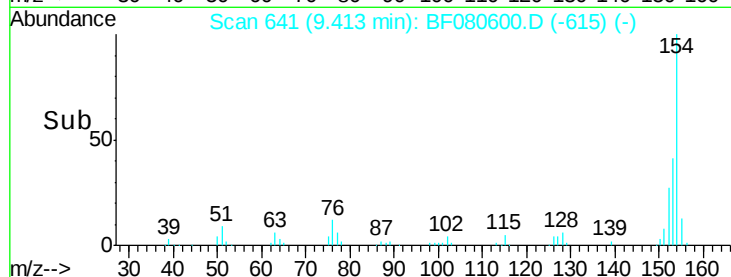
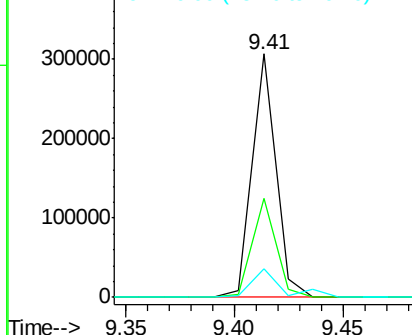
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.6	21.8	61.8
76	11.7	0.0	32.1

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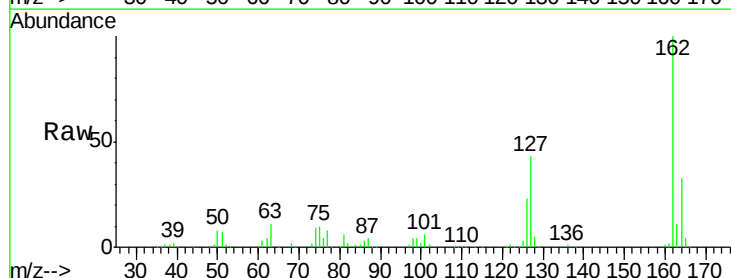


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

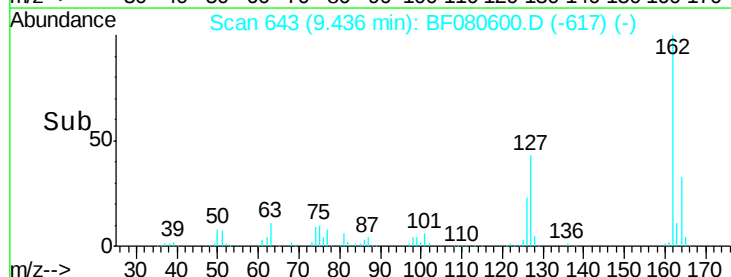
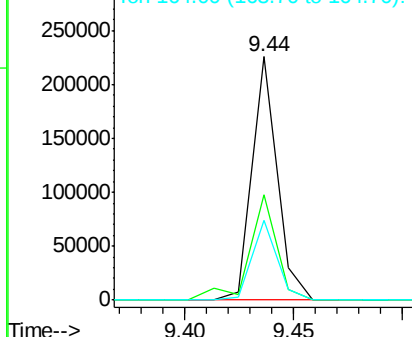


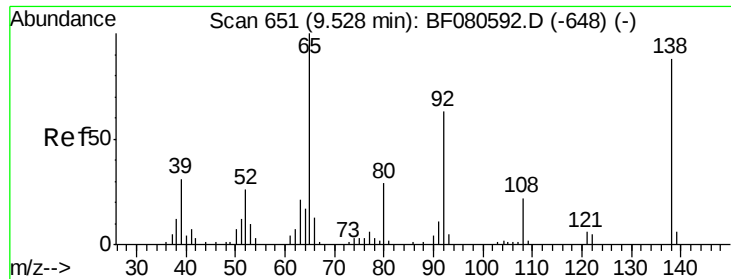
#46
 2-Chloronaphthalene
 Concen: 38.55 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	43.3	37.6	56.4
164	32.7	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





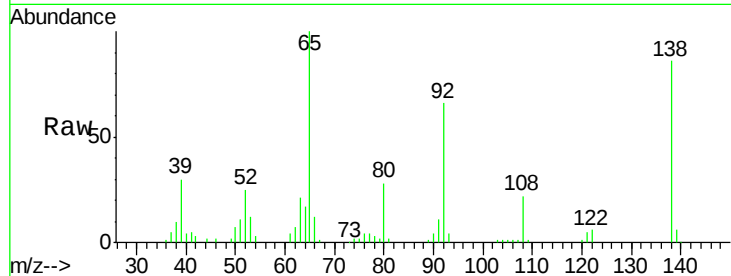
#47
2-Nitroaniline
Concen: 41.47 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
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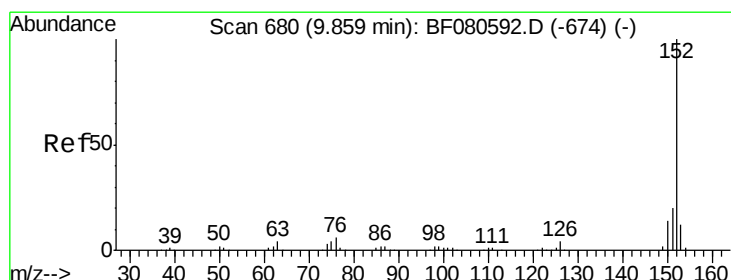
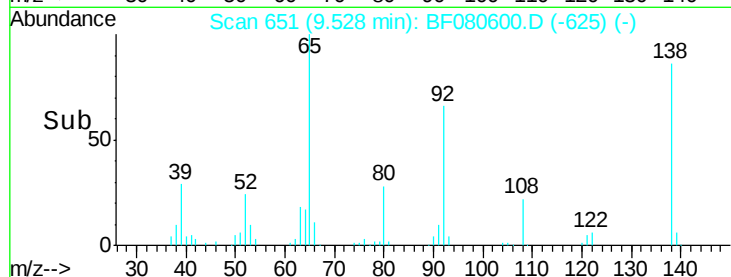
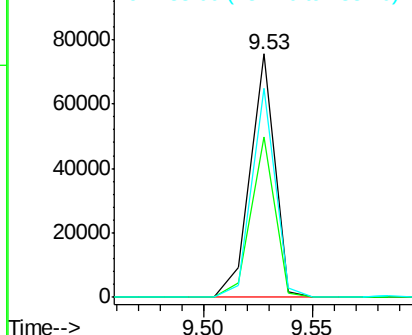
Tgt Ion: 65 Resp: 59314
Ion Ratio Lower Upper
65 100
92 65.8 48.7 73.1
138 86.1 66.8 100.2

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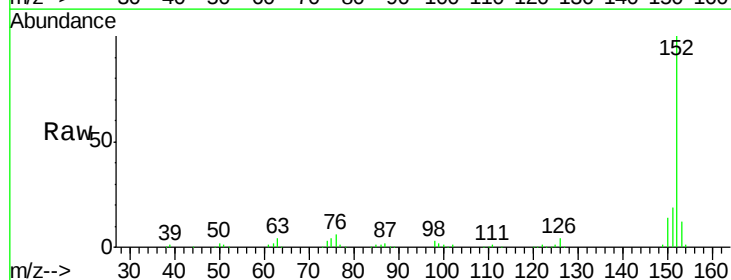


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

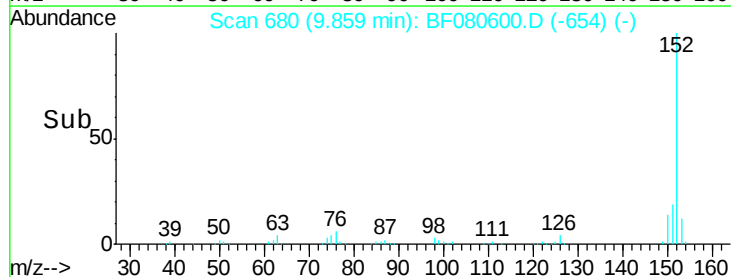
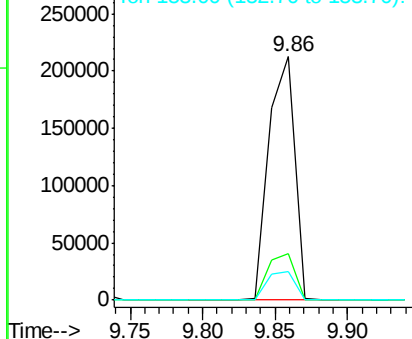


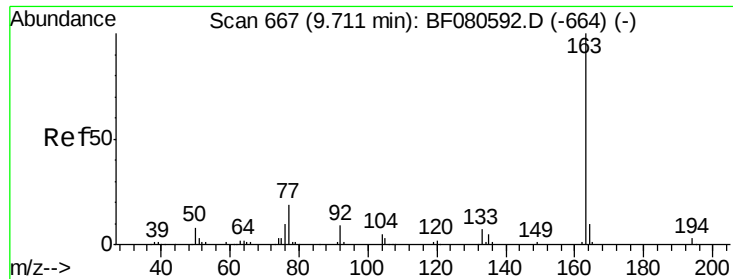
#48
Acenaphthylene
Concen: 37.97 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion: 152 Resp: 263832
Ion Ratio Lower Upper
152 100
151 19.1 16.4 24.6
153 12.0 9.7 14.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





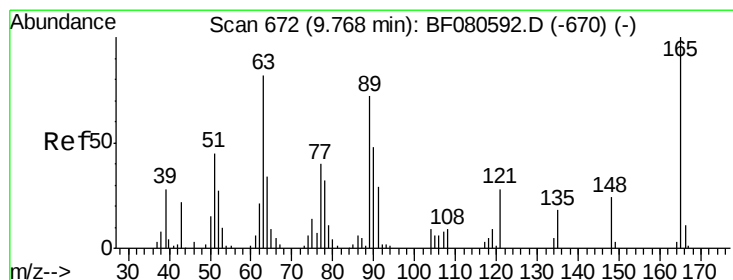
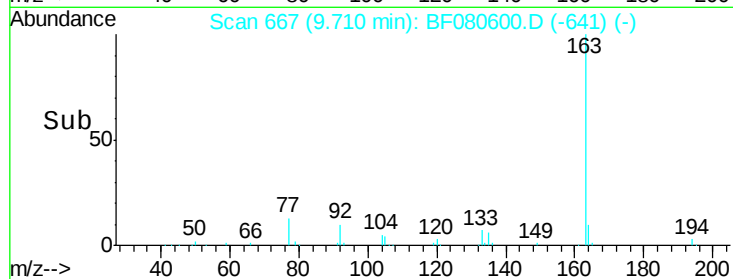
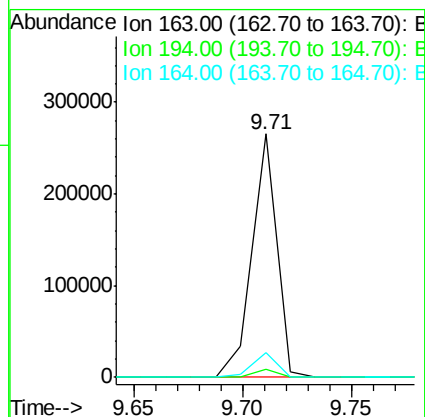
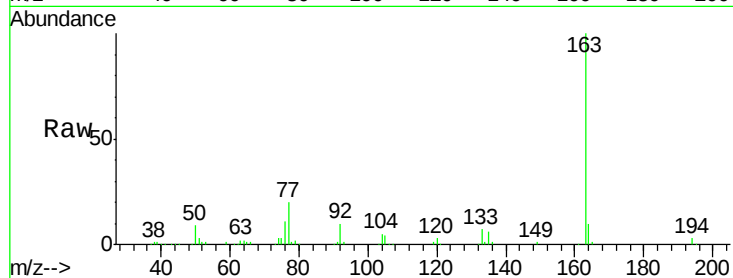
#49
Dimethylphthalate
Concen: 39.95 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.5	3.7
164	10.0	8.1	12.1

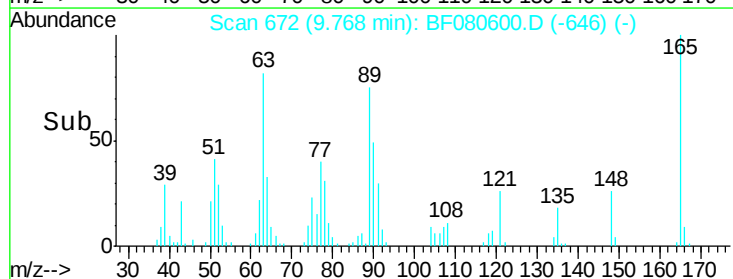
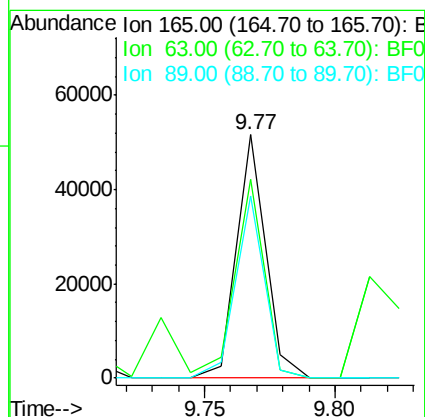
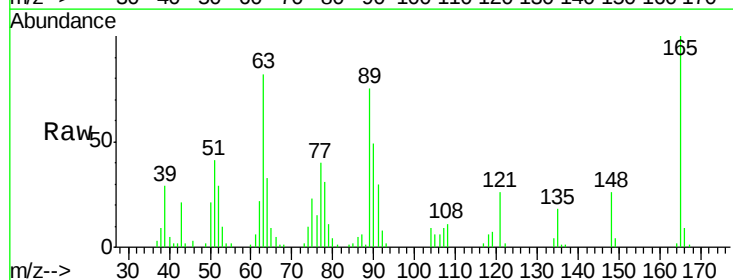
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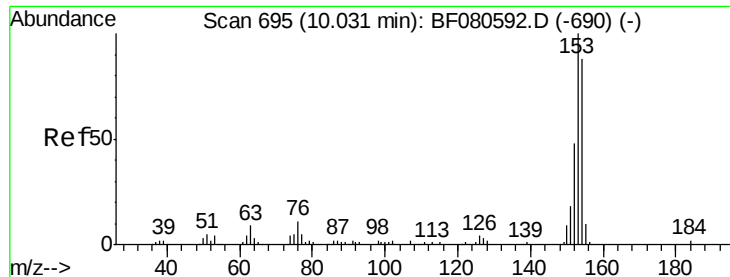
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#50
2,6-Dinitrotoluene
Concen: 41.32 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	81.9	59.0	88.6
89	74.9	56.9	85.3





#51

Acenaphthene

Concen: 42.81 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

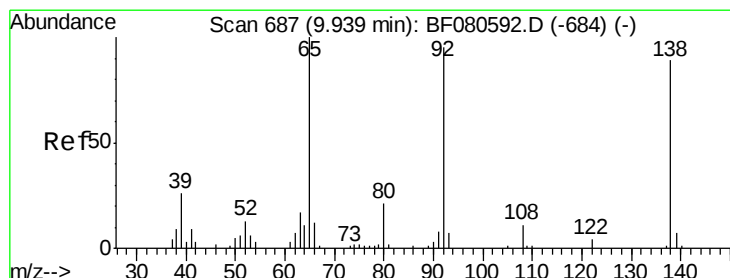
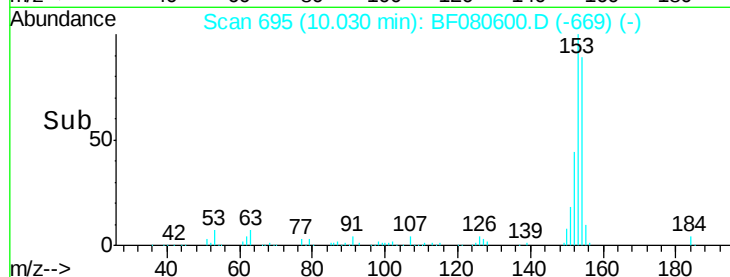
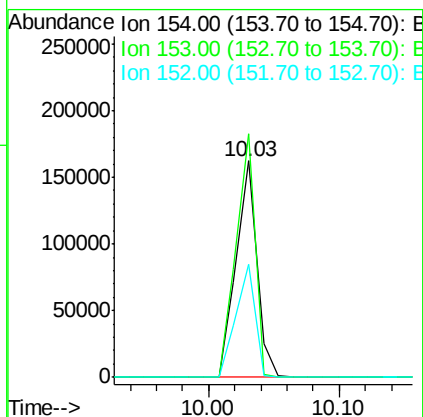
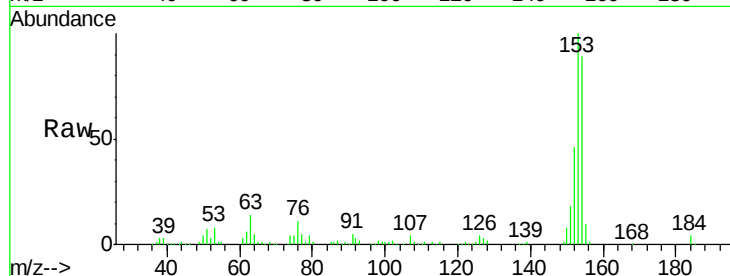
ClientSampleId :

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Tgt Ion:	154	Resp:	178667
Ion Ratio	Lower	Upper	
154	100		
153	112.6	92.2	138.2
152	52.1	43.6	65.4

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#52

3-Nitroaniline

Concen: 23.80 ng

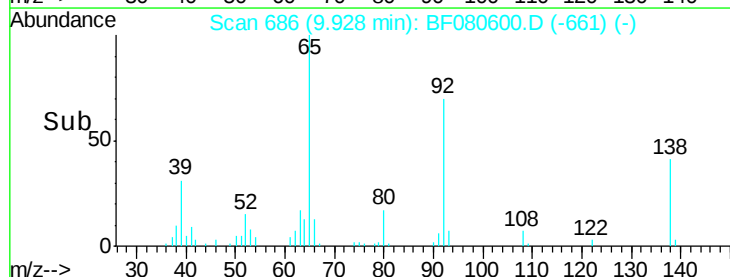
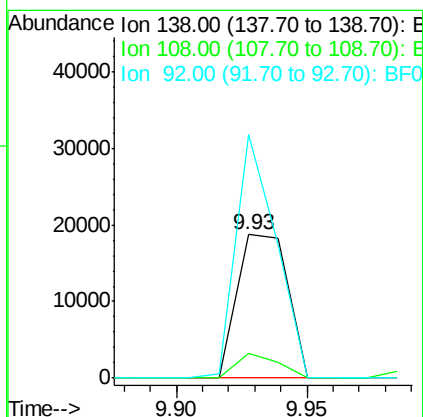
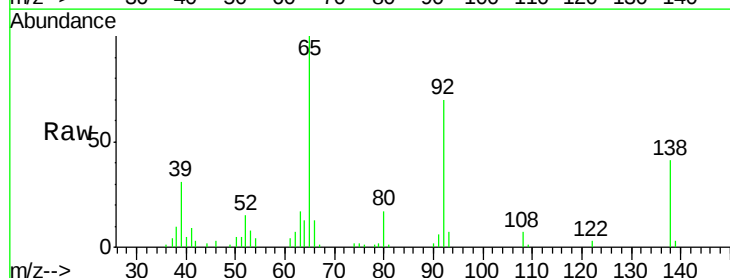
RT: 9.93 min Scan# 686

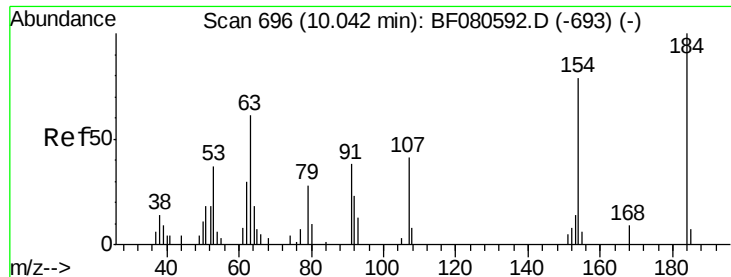
Delta R.T. -0.01 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	138	Resp:	25369
Ion Ratio	Lower	Upper	
138	100		
108	17.0	13.7	20.5
92	169.4	81.0	121.4#





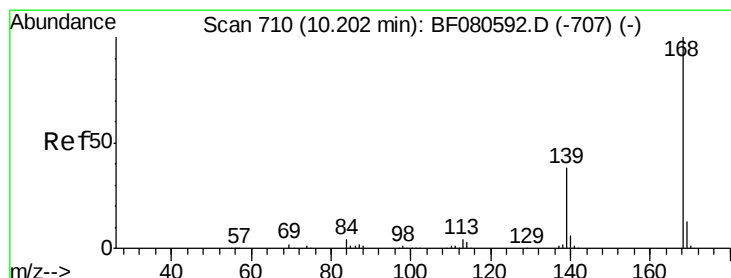
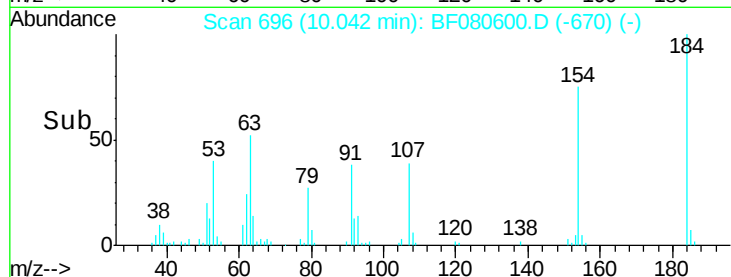
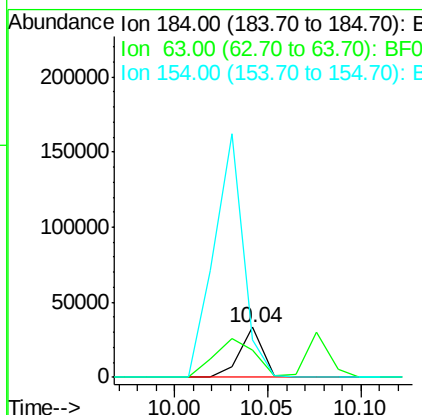
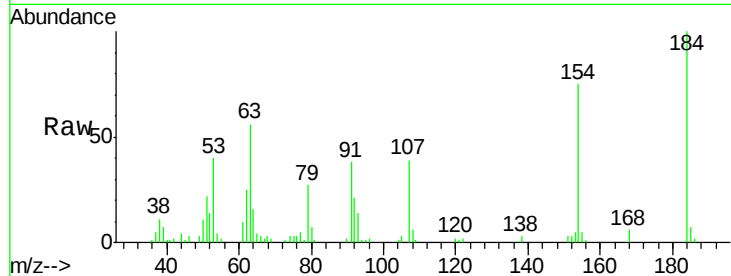
#53
 2,4-Dinitrophenol
 Concen: 81.16 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	29294		
63	55.8	54.9	82.3	
154	75.4	94.2	141.4#	

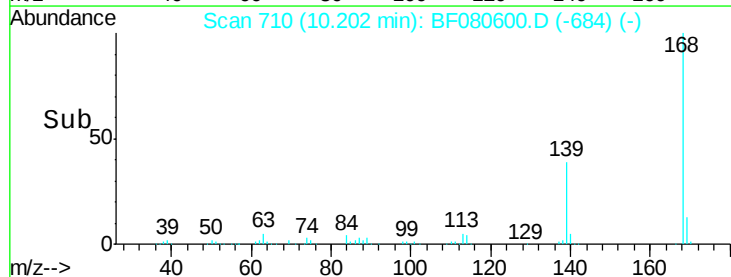
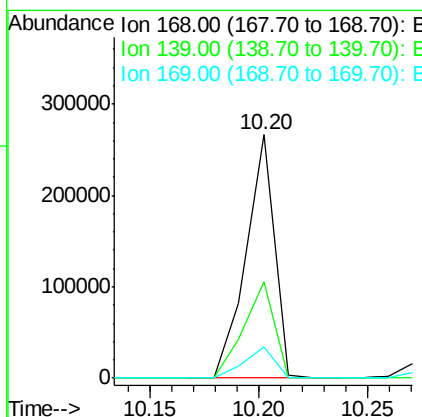
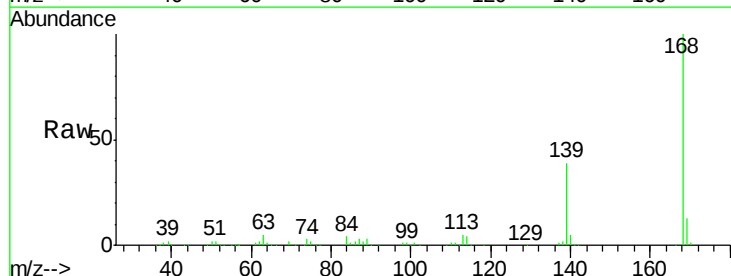
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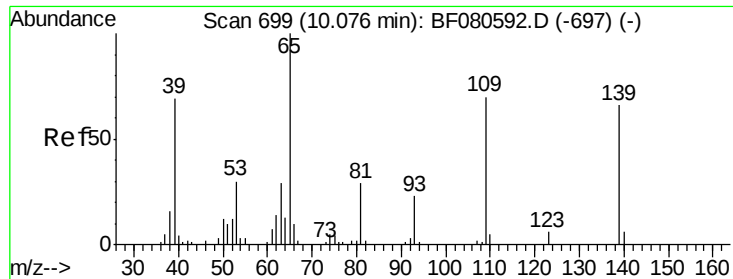
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#54
 Dibenzofuran
 Concen: 40.03 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	241484		
139	39.5	30.7	46.1	
169	13.0	9.8	14.8	





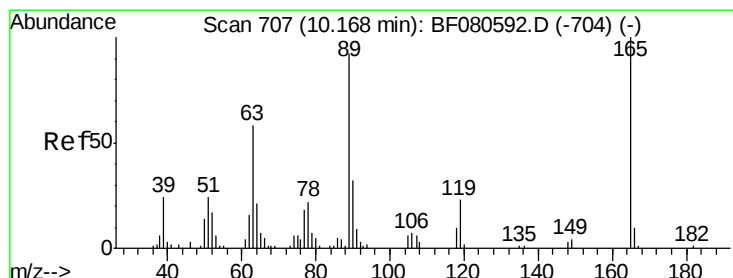
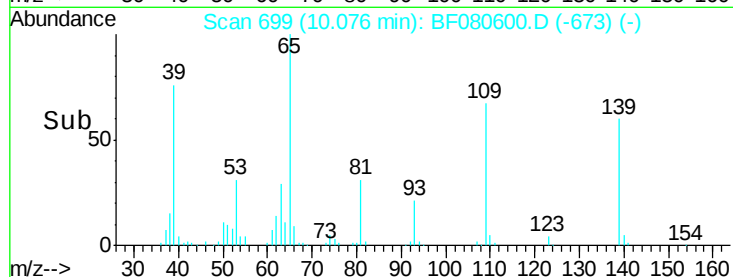
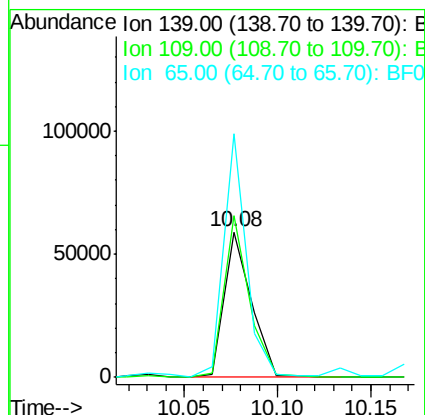
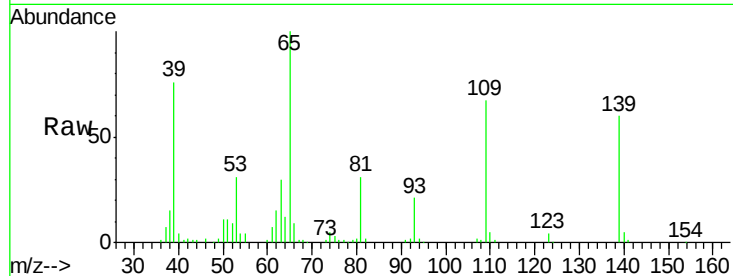
#55
4-Nitrophenol
Concen: 78.39 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampled :
PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	60359		
109	111.6	75.9	115.9	
65	167.6	109.4	149.4	

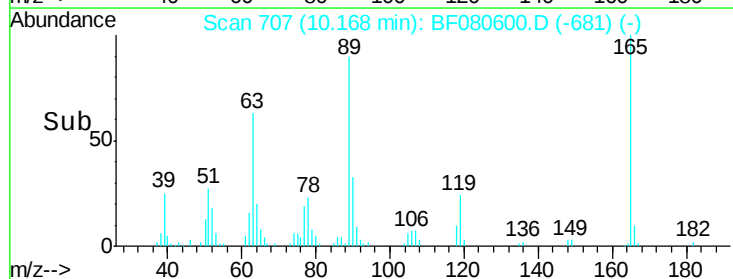
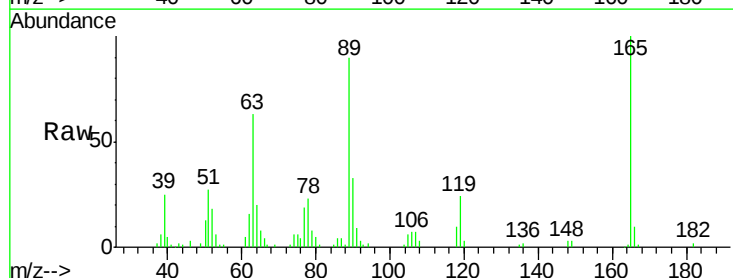
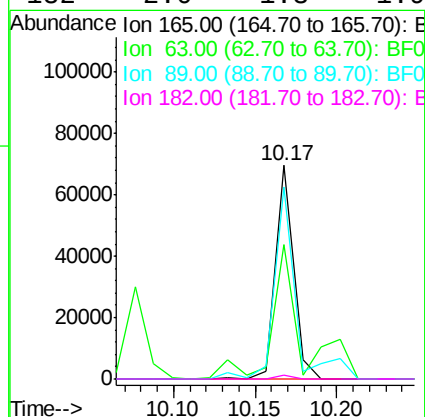
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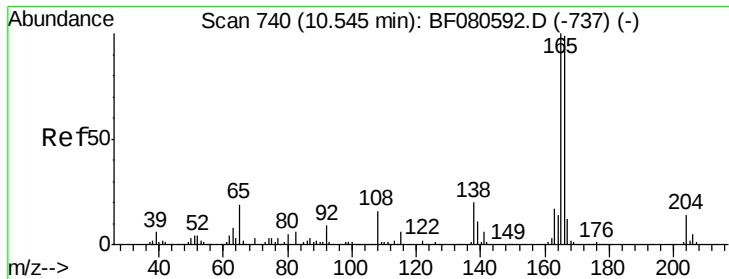
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#56
2,4-Dinitrotoluene
Concen: 44.08 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	54121		
63	62.7	48.1	72.1	
89	89.8	77.4	116.0	
182	2.0	1.3	1.9	





#57

Fluorene

Concen: 39.45 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080600.D

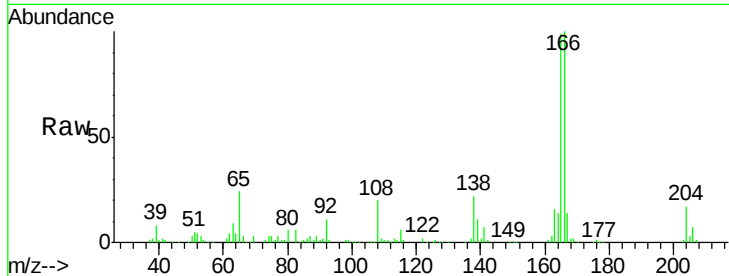
Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

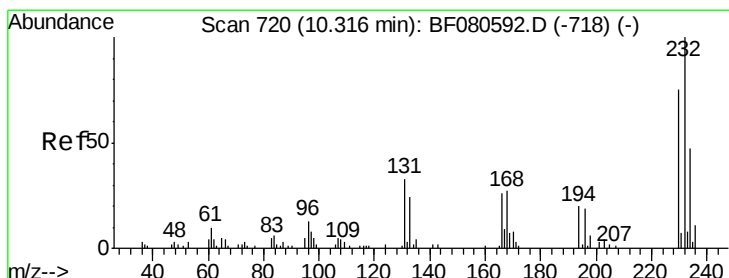
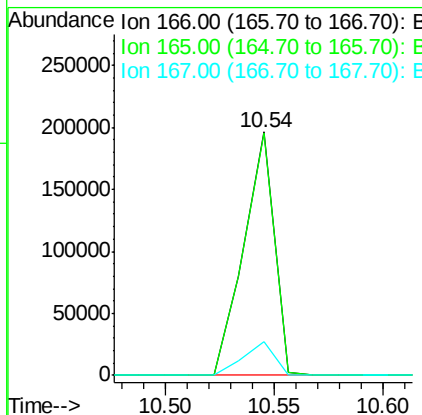
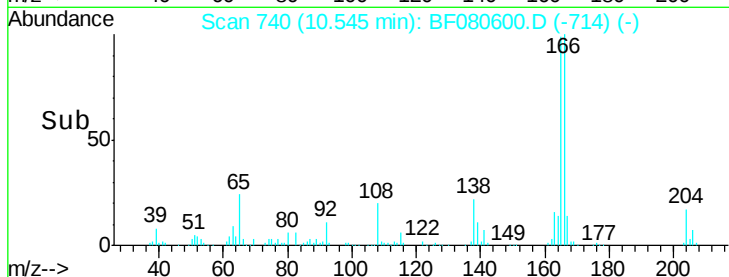
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	191064		
165	99.4	77.7	116.5	
167	13.6	10.5	15.7	

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#58

2,3,4,6-Tetrachlorophenol

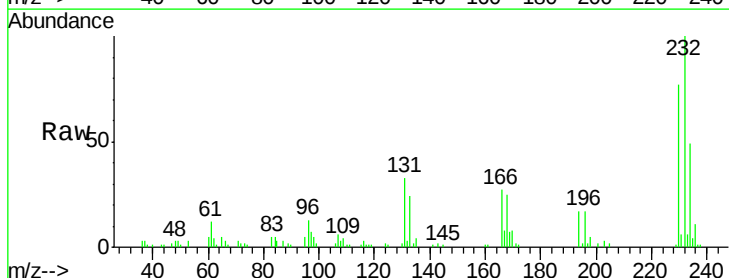
Concen: 43.70 ng

RT: 10.32 min Scan# 720

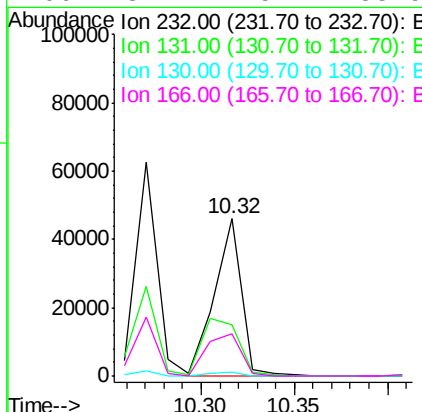
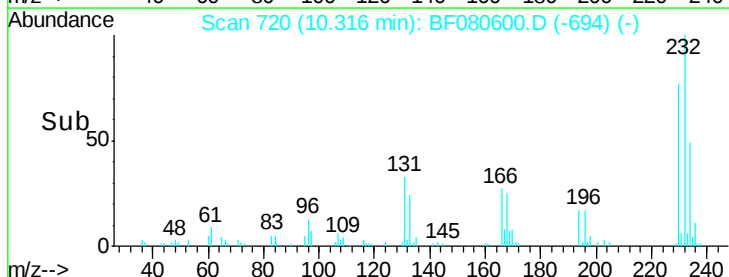
Delta R.T. -0.00 min

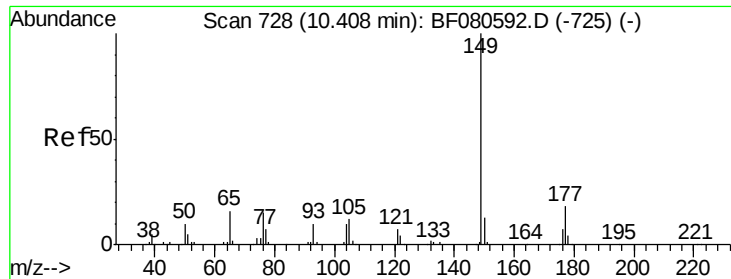
Lab File: BF080600.D

Acq: 23 Jul 2015 19:15



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	46370		
131	49.3	41.4	62.0	
130	2.8	1.9	2.9	
166	34.1	25.7	38.5	





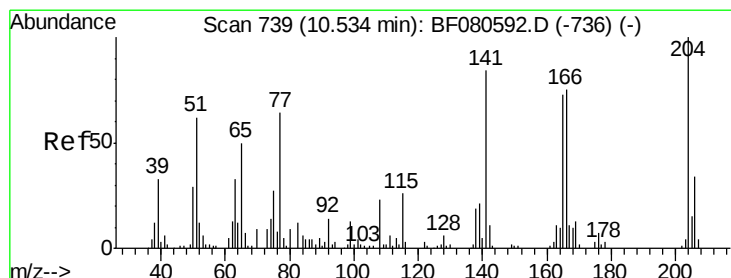
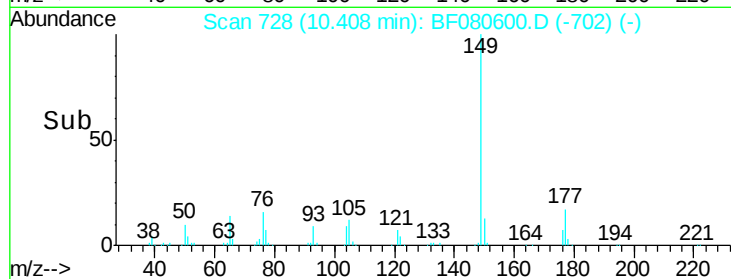
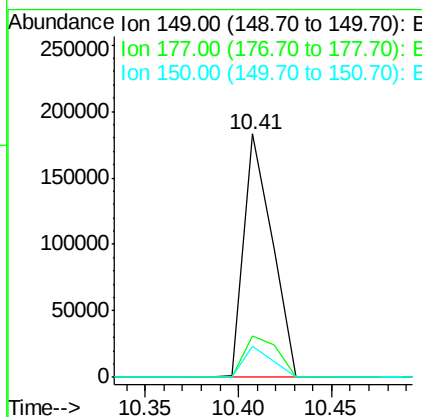
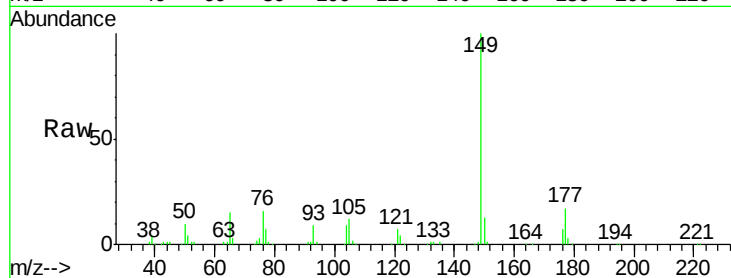
#59
Diethylphthalate
Concen: 39.40 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	192687		
177	16.9	14.9	22.3	
150	12.7	10.0	15.0	

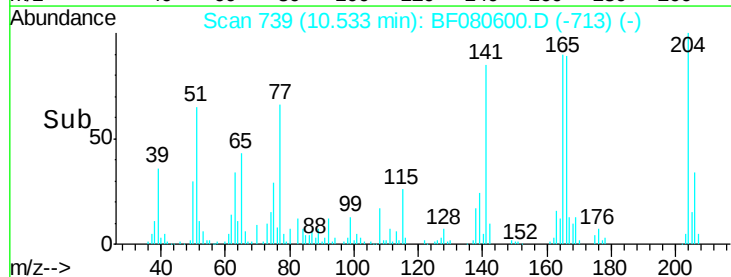
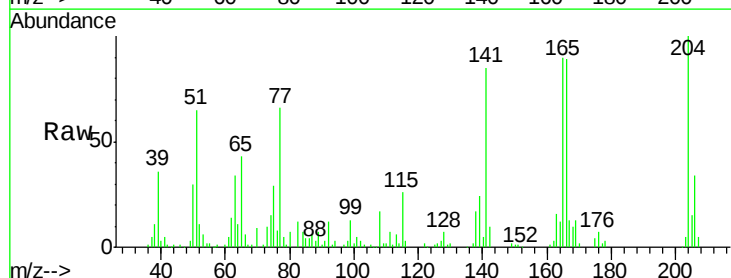
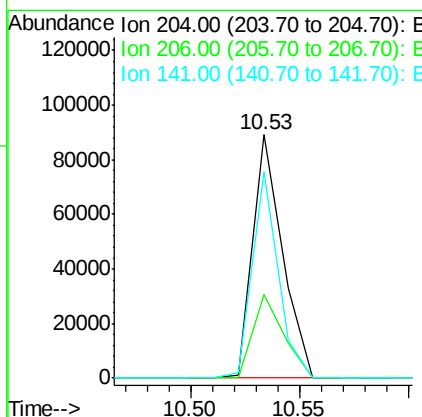
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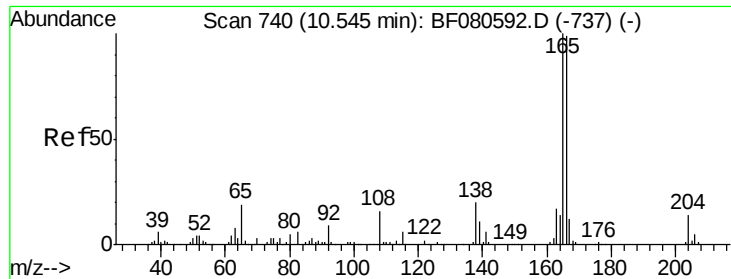
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#60
4-Chlorophenyl-phenylether
Concen: 38.92 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	84659		
206	34.2	27.1	40.7	
141	84.9	68.3	102.5	





#61

4-Nitroaniline

Concen: 37.97 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080600.D

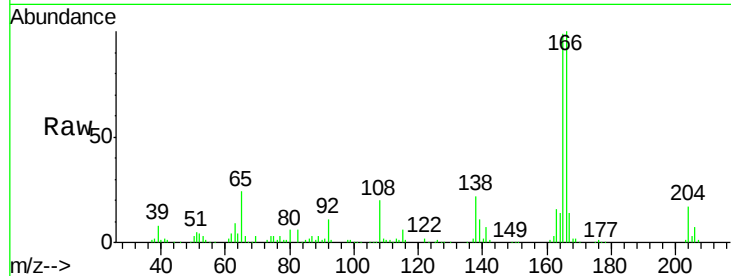
Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

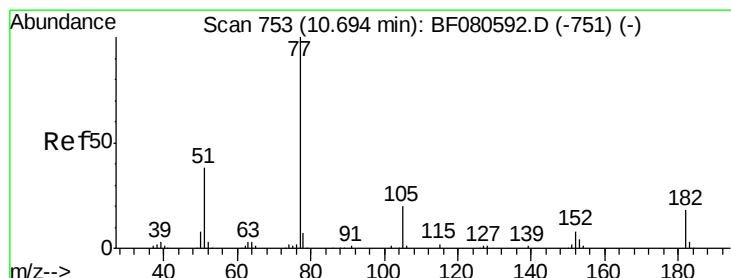
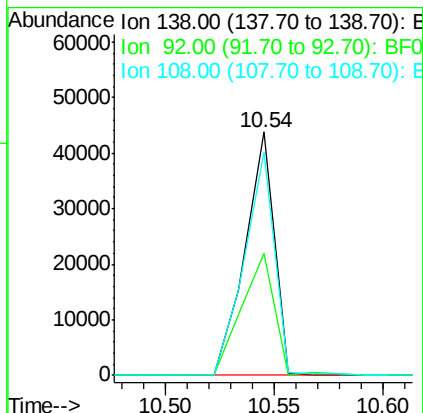
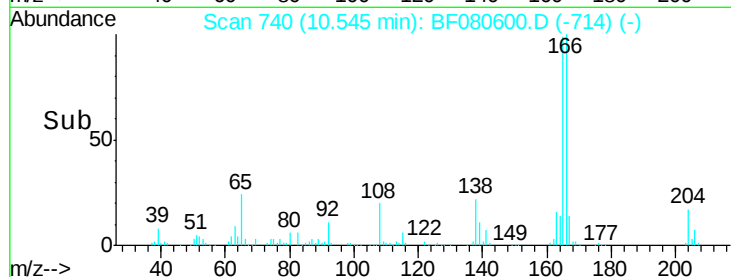
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Tgt Ion:	138	Resp:	40765
Ion Ratio	Lower	Upper	
138	100		
92	50.3	22.6	62.6
108	91.8	62.0	102.0

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#62

Azobenzene

Concen: 42.77 ng

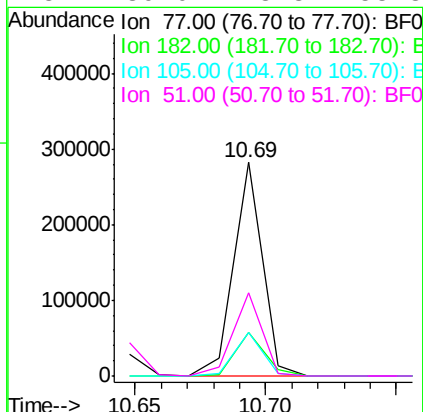
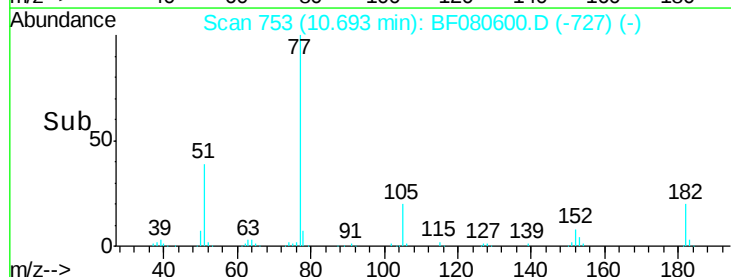
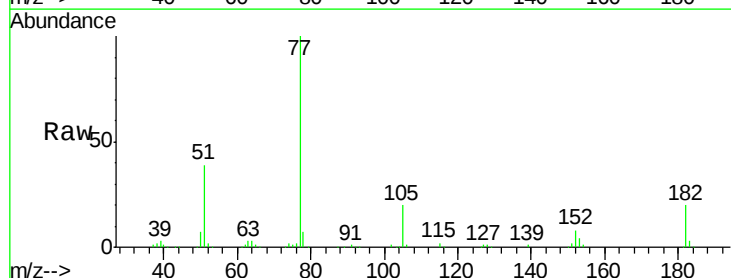
RT: 10.69 min Scan# 753

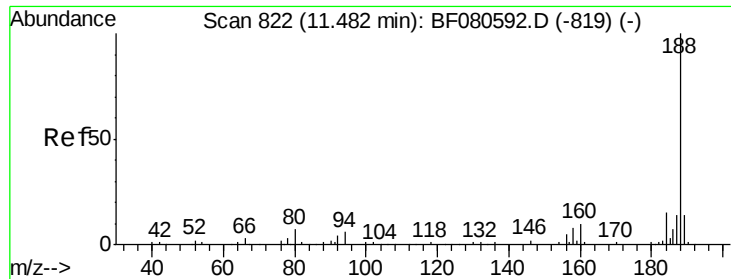
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	77	Resp:	219139
Ion Ratio	Lower	Upper	
77	100		
182	20.2	0.0	37.8
105	20.1	0.1	40.1
51	39.0	18.8	58.8





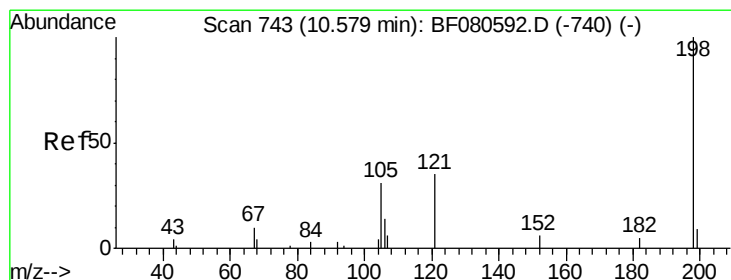
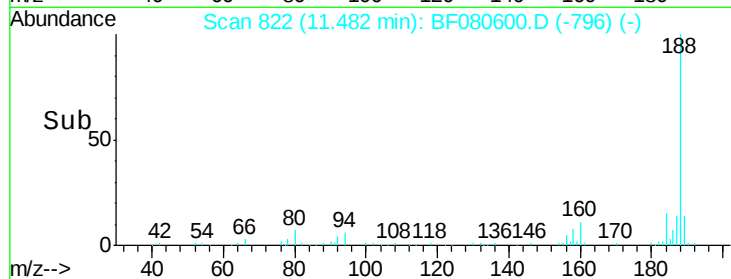
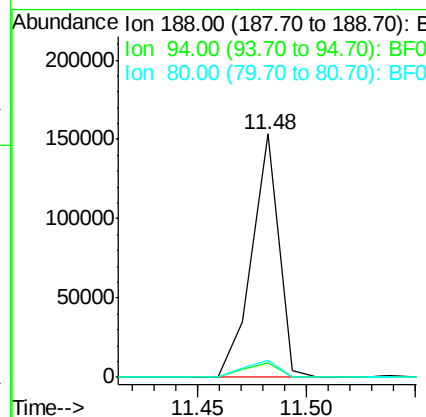
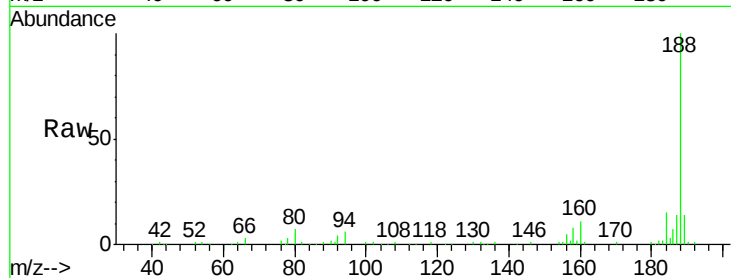
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.8	6.1	9.1#
80	6.9	7.0	10.6#

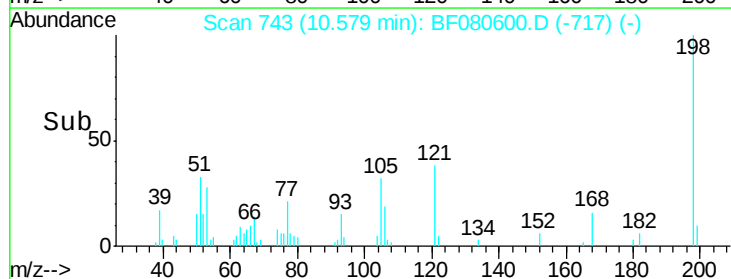
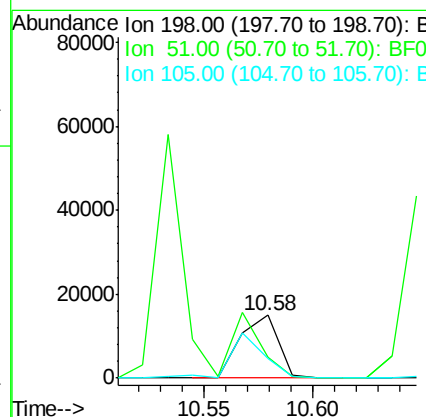
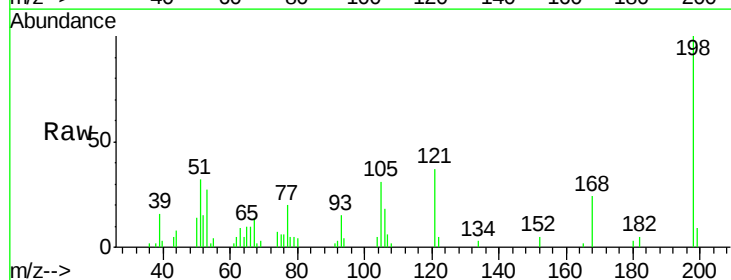
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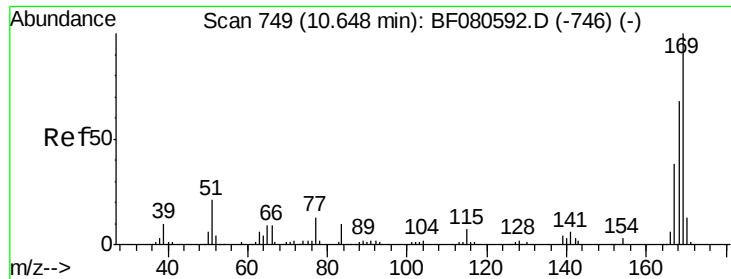
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.55 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.3	32.0	72.0
105	31.4	16.3	56.3





#65

n-Nitrosodiphenylamine

Concen: 39.29 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF080600.D

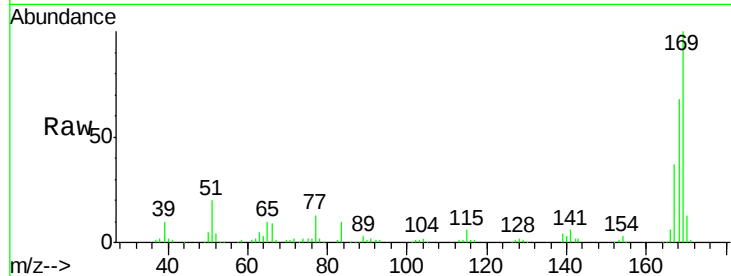
Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

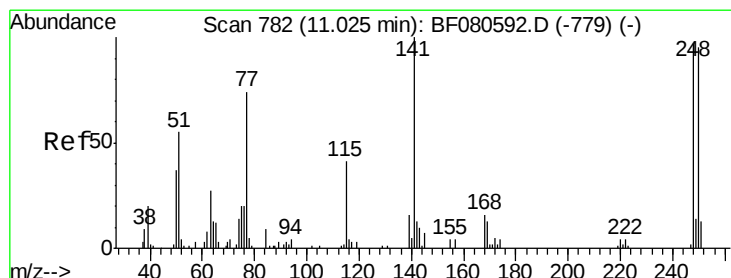
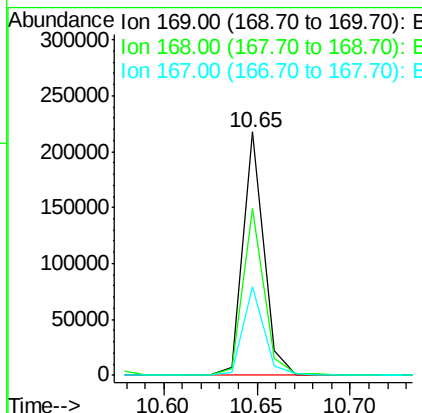
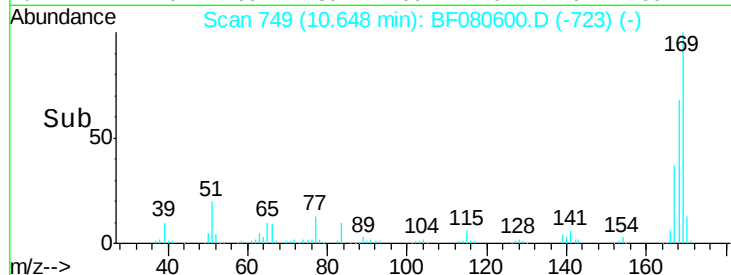
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Tgt Ion	Ratio	Resp	Lower	Upper
169	100	170172		
168	68.4	53.3	79.9	
167	36.7	29.8	44.6	

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#66

4-Bromophenyl-phenylether

Concen: 39.60 ng

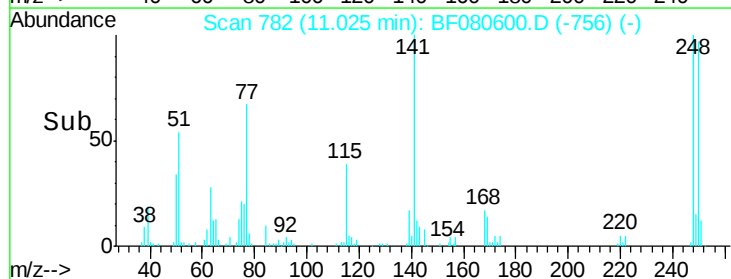
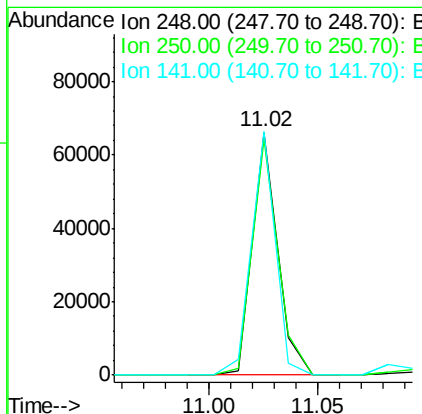
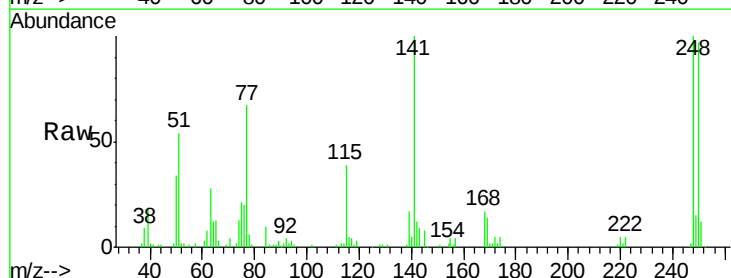
RT: 11.02 min Scan# 782

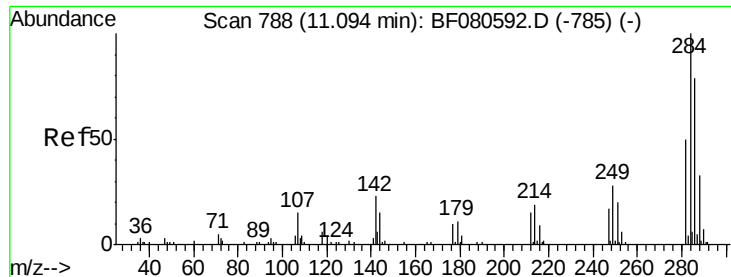
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	53141		
250	97.4	75.4	113.2	
141	100.4	93.4	140.0	





#67

Hexachlorobenzene

Concen: 38.21 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

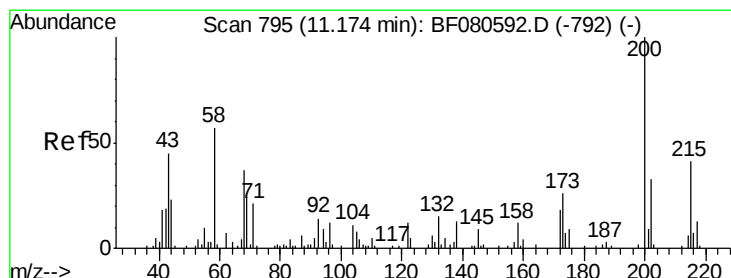
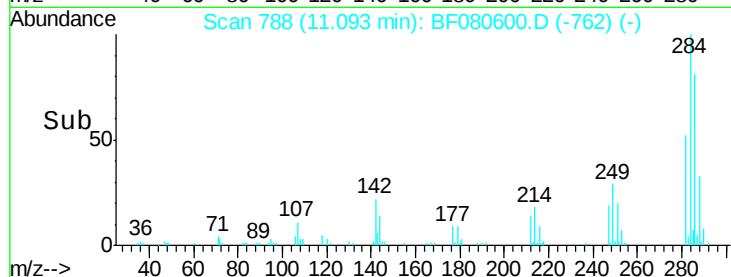
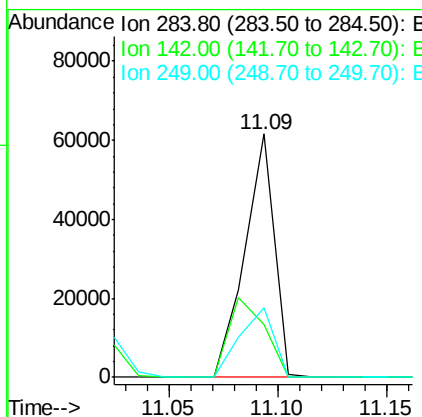
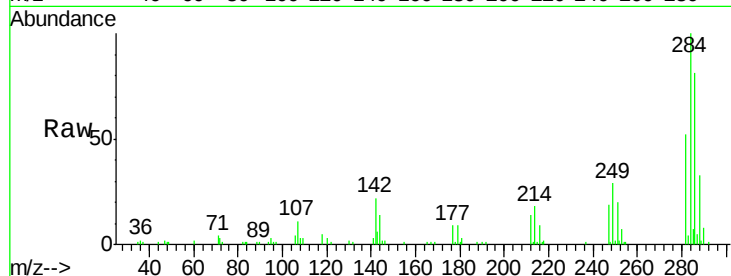
ClientSampleId :

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Tgt Ion:	284	Resp:	57895
Ion Ratio	Lower	Upper	
284	100		
142	21.8	22.4	33.6#
249	28.6	25.0	37.4

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#68

Atrazine

Concen: 47.22 ng

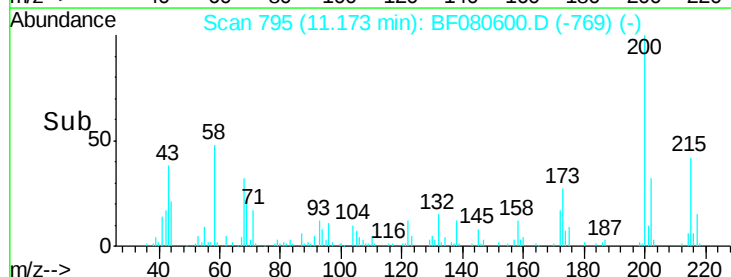
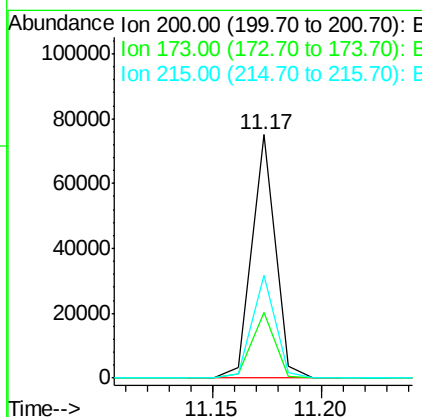
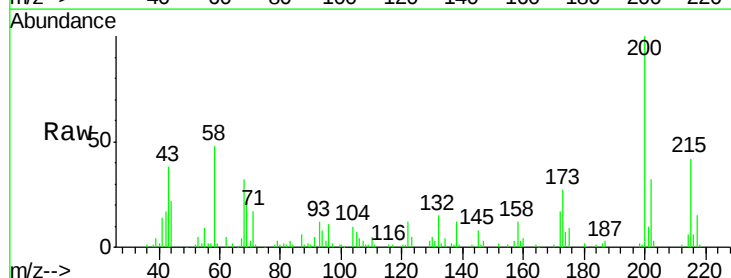
RT: 11.17 min Scan# 795

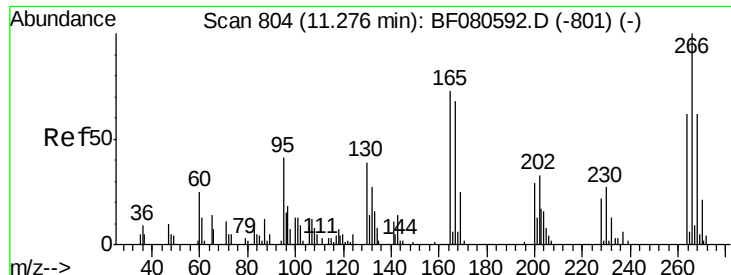
Delta R.T. -0.00 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	200	Resp:	56195
Ion Ratio	Lower	Upper	
200	100		
173	26.8	4.6	44.6
215	42.1	22.9	62.9





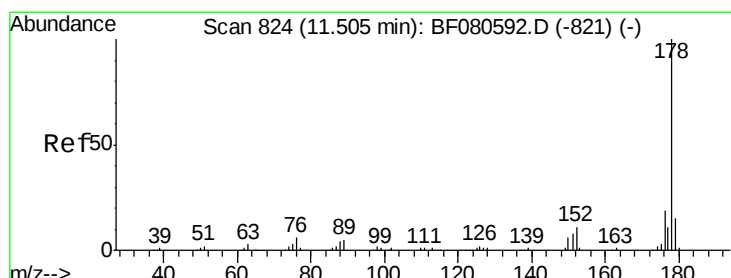
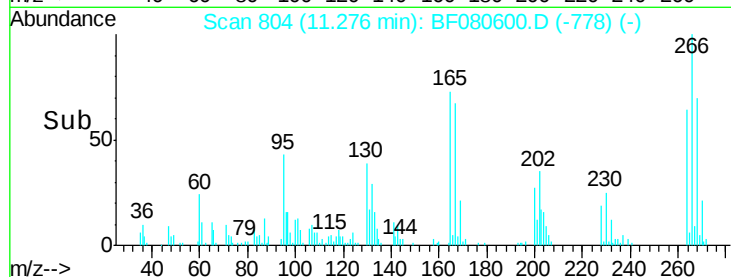
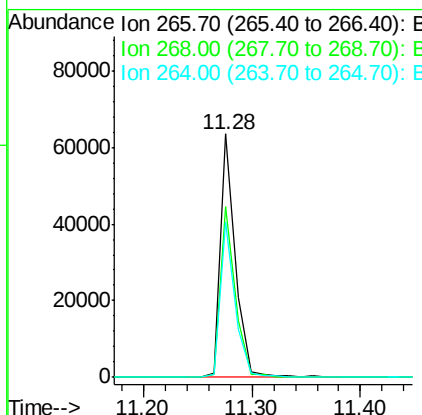
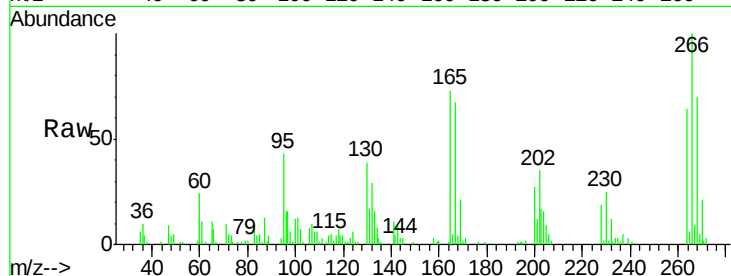
#69
 Pentachlorophenol
 Concen: 86.16 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	60913		
268	70.1	51.5	77.3	
264	64.0	48.8	73.2	

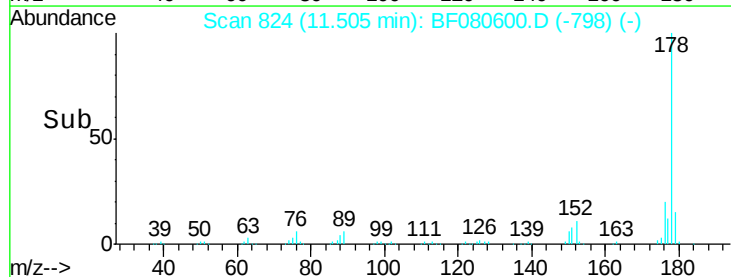
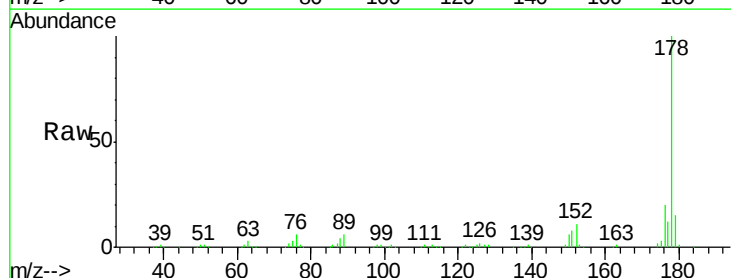
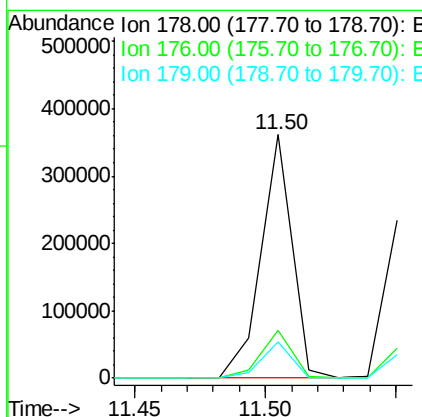
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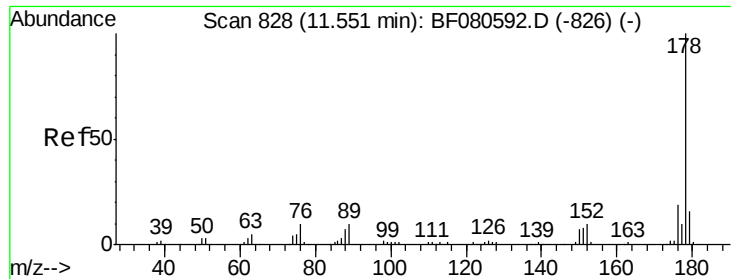
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#70
 Phenanthrene
 Concen: 39.85 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	296929		
176	19.8	15.2	22.8	
179	15.1	12.5	18.7	





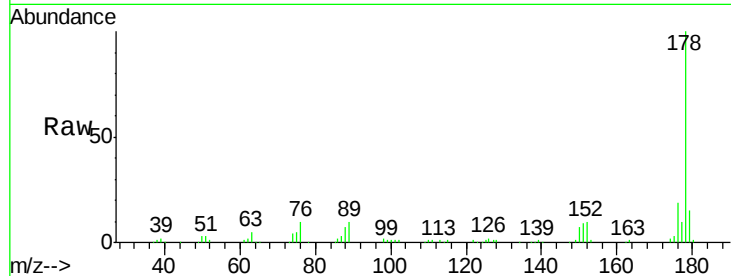
#71
 Anthracene
 Concen: 39.99 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

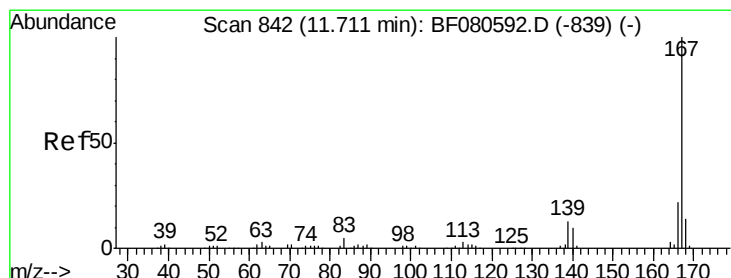
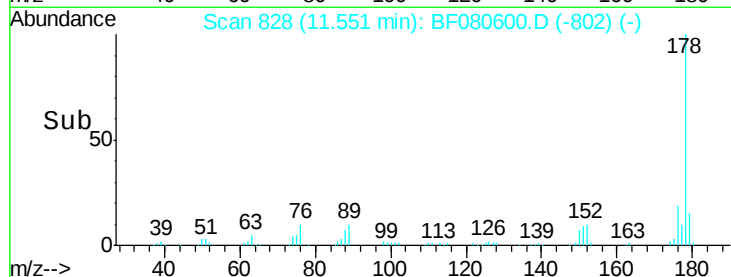
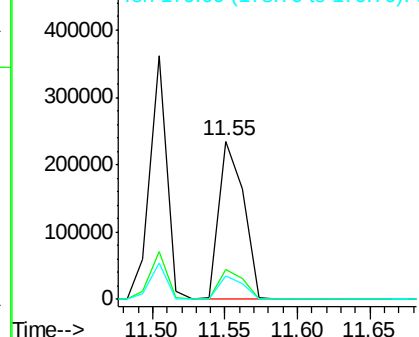
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.2	12.0	18.0

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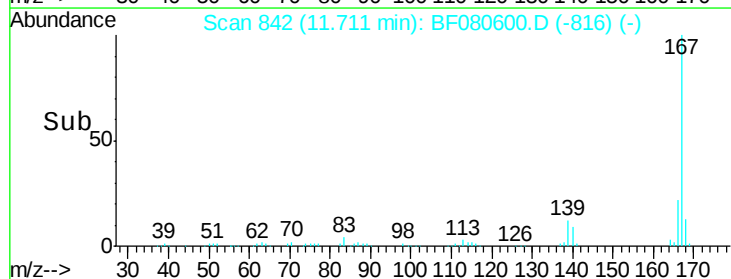
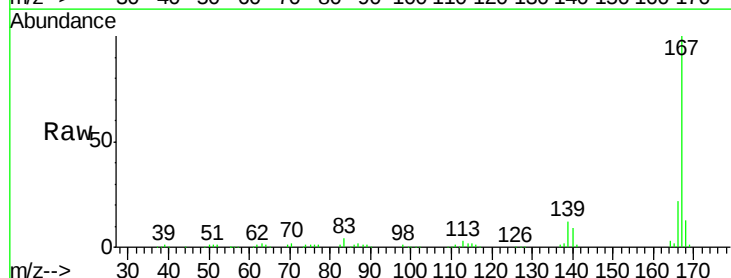
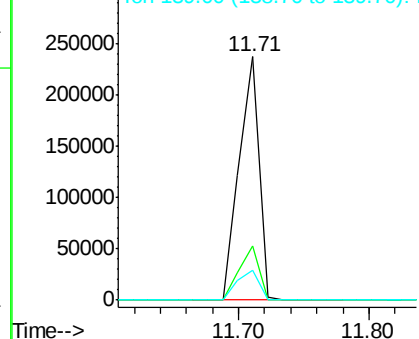
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

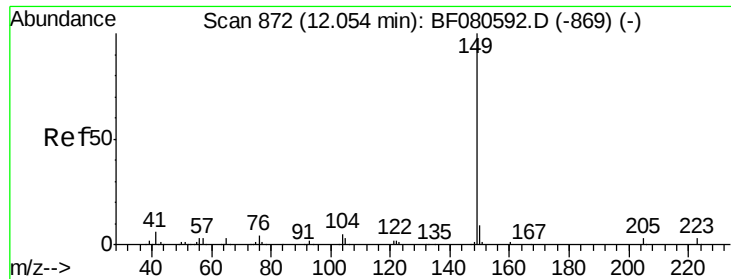


#72
 Carbazole
 Concen: 41.18 ng
 RT: 11.71 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	12.0	10.7	16.1

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.87 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

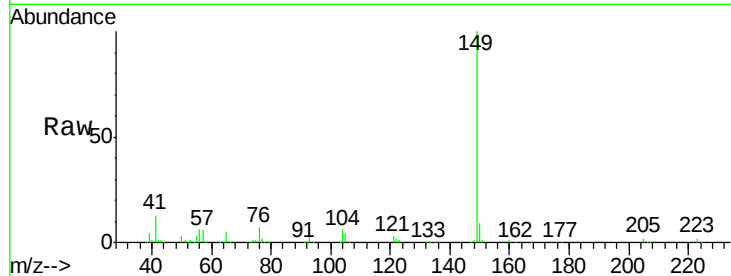
ClientSampleId :

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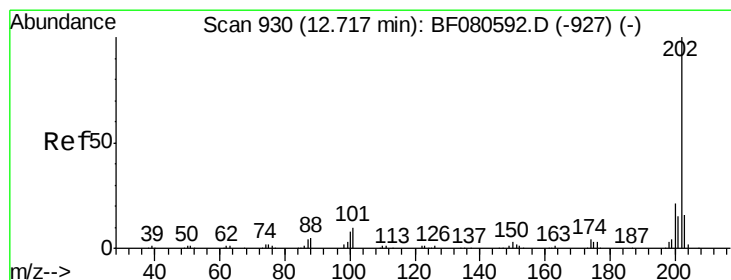
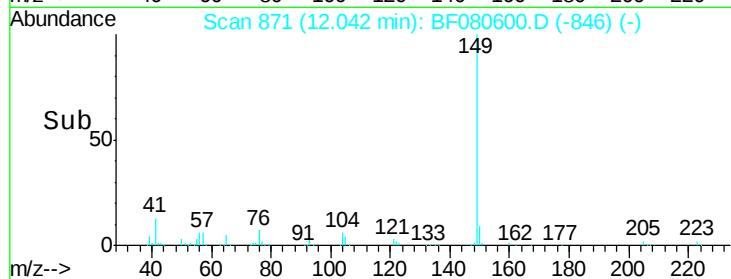
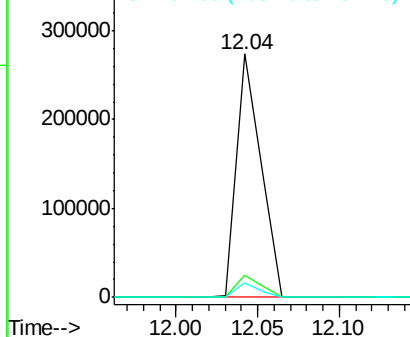
Tgt Ion:	149	Resp:	279561
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.2	10.8
104	6.1	3.8	5.8#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.08 ng

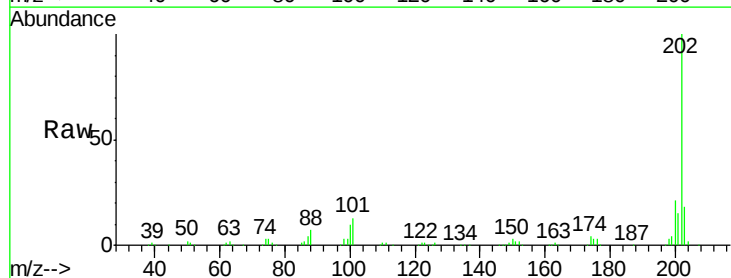
RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

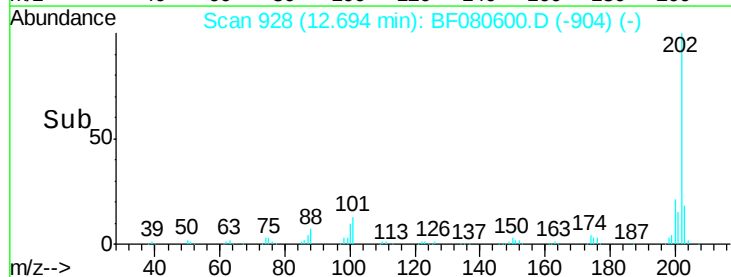
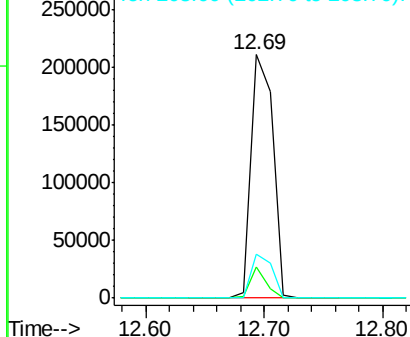
Lab File: BF080600.D

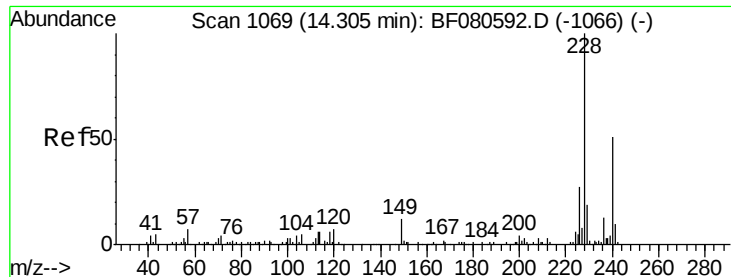
Acq: 23 Jul 2015 19:15

Tgt Ion:	202	Resp:	273906
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.1
203	18.1	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.09 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

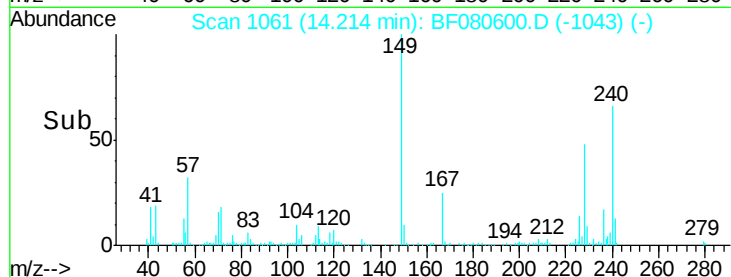
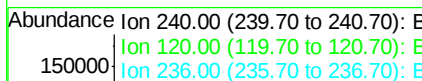
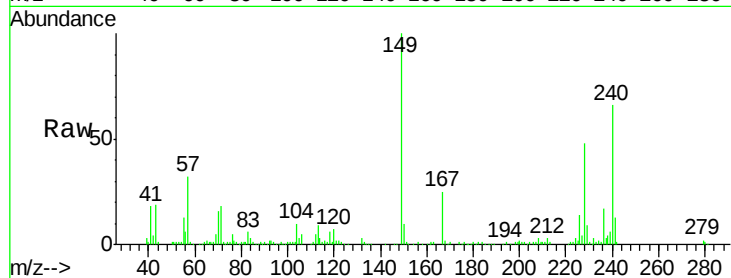
ClientSampleId :

PB84631BSD

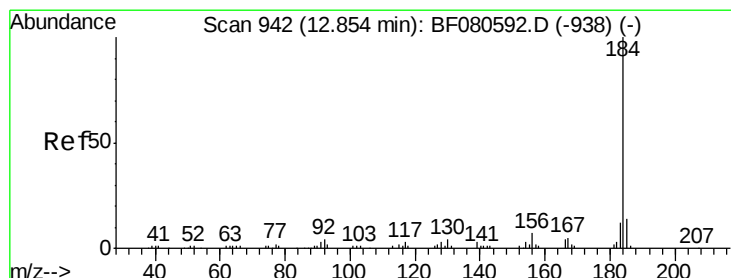
Tgt Ion:	240	Resp:	115441
Ion Ratio	Lower	Upper	
240	100		
120	10.1	9.9	14.9
236	26.1	19.1	28.7

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Time-->



#76

Benzidine

Concen: 22.30 ng

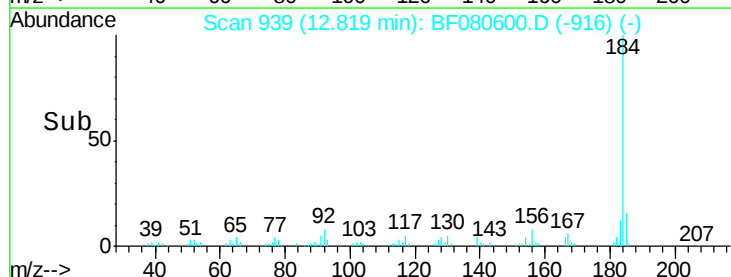
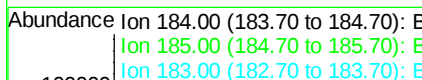
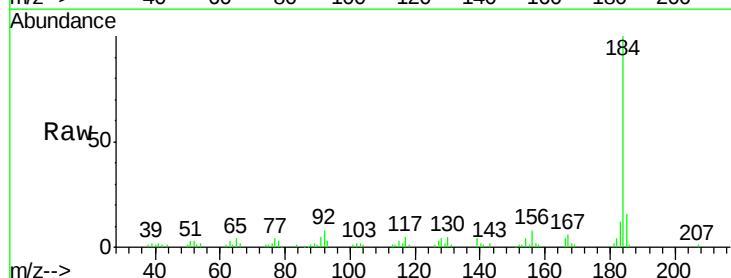
RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

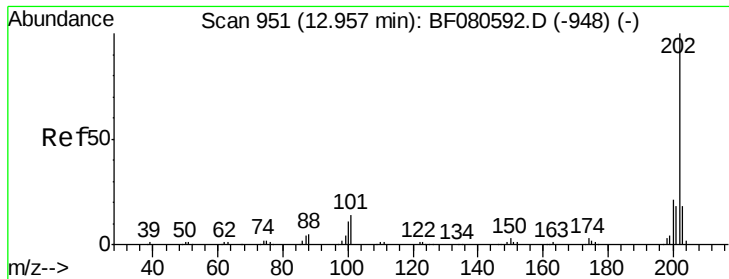
Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	184	Resp:	75652
Ion Ratio	Lower	Upper	
184	100		
185	15.7	11.2	16.8
183	12.2	9.6	14.4



Time-->



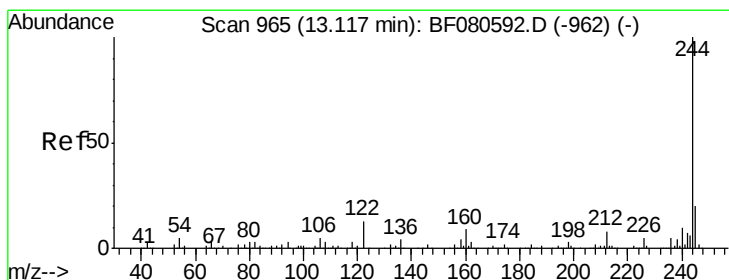
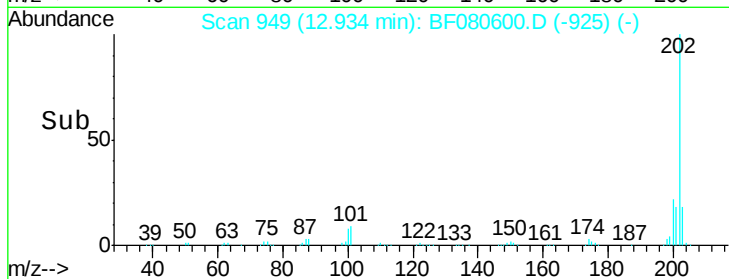
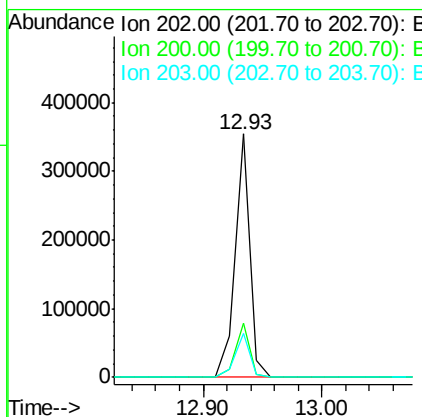
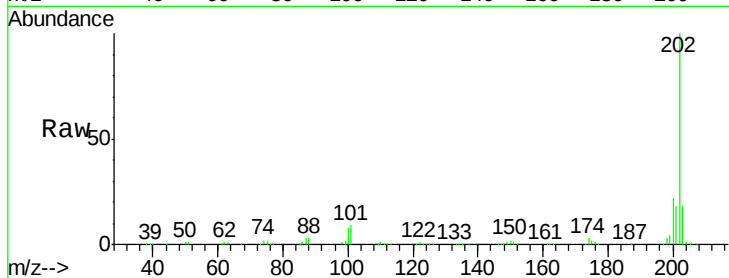
#77
 Pyrene
 Concen: 39.13 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.0	14.5	21.7

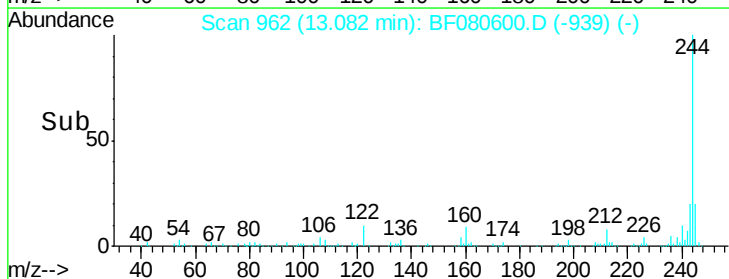
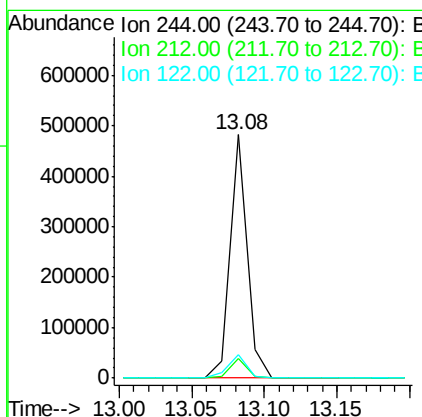
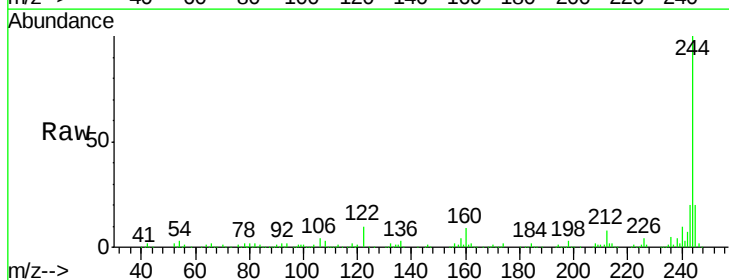
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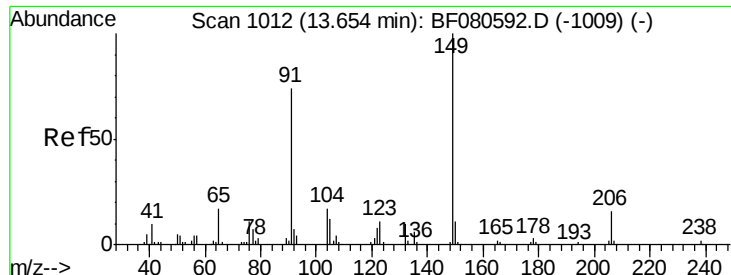
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#78
 Terphenyl-d14
 Concen: 71.51 ng
 RT: 13.08 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.2	6.0	9.0
122	9.6	8.2	12.2





#79

Butylbenzylphthalate

Concen: 38.61 ng

RT: 13.59 min Scan# 1006

Delta R.T. -0.07 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

ClientSampleId :

PB84631BSD

Tgt Ion:149 Resp: 104183
Ion Ratio Lower Upper

149 100

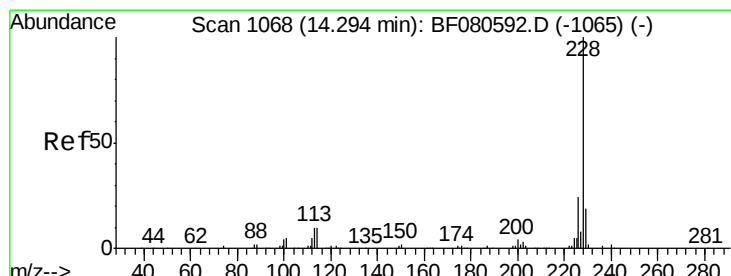
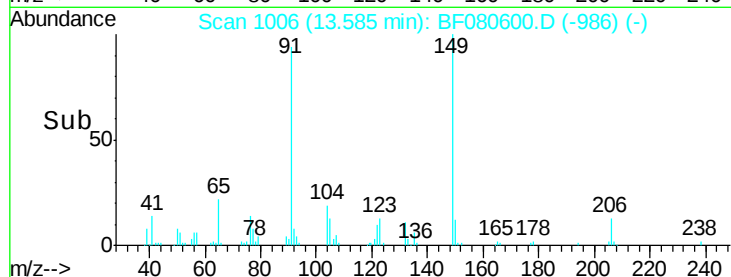
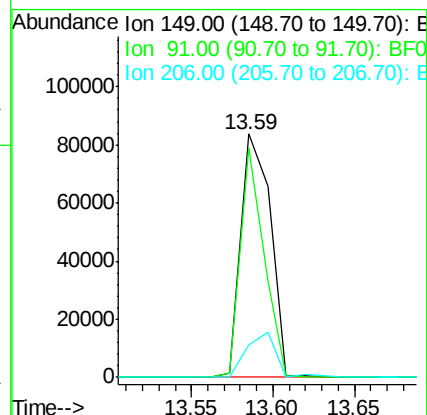
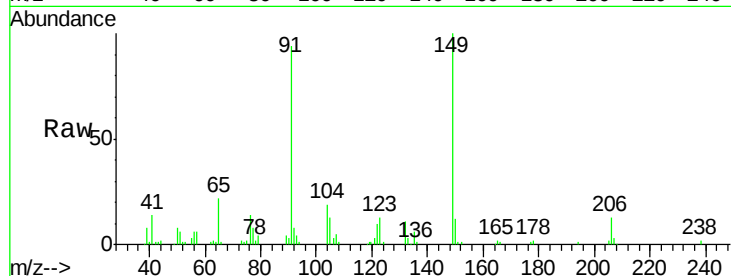
91 94.0 53.0 79.6#

206 13.2 15.0 22.6#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 39.71 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.09 min

Lab File: BF080600.D

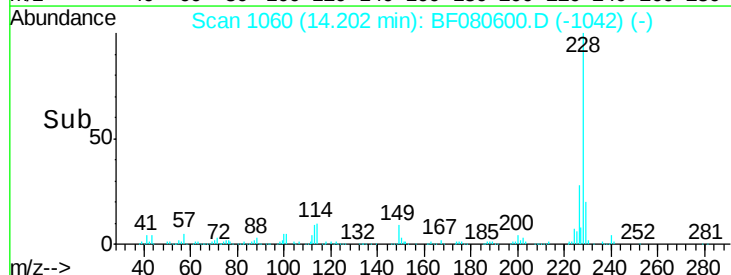
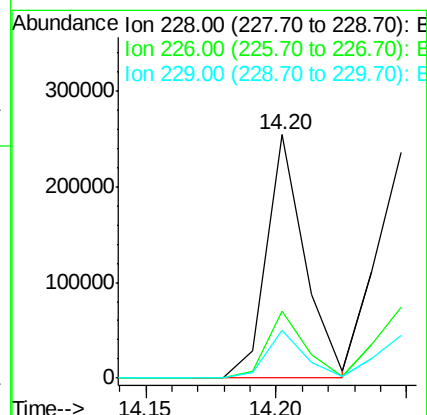
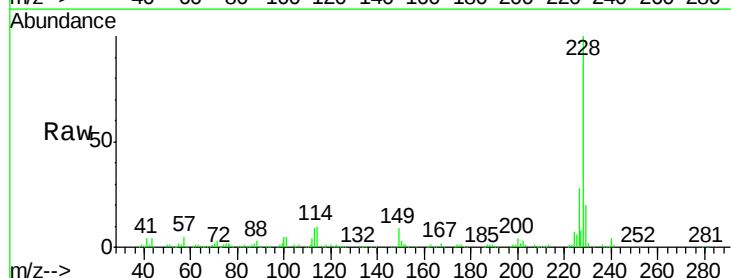
Acq: 23 Jul 2015 19:15

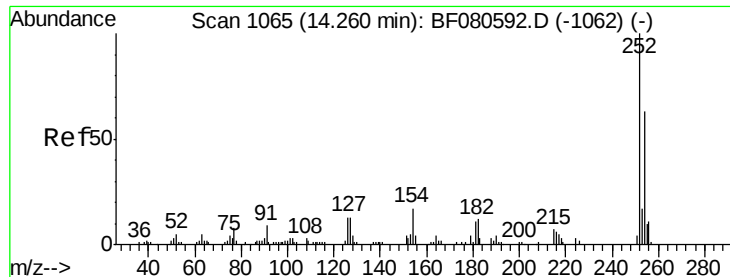
Tgt Ion:228 Resp: 258526
Ion Ratio Lower Upper

228 100

226 27.7 22.0 33.0

229 19.9 15.7 23.5





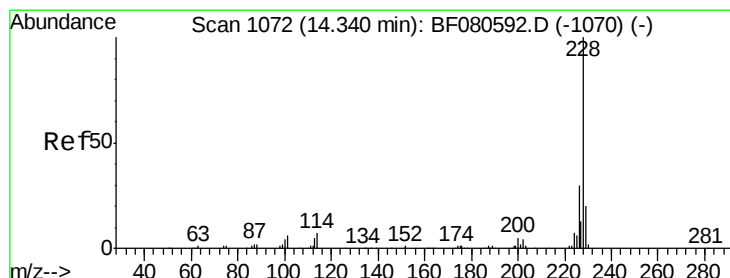
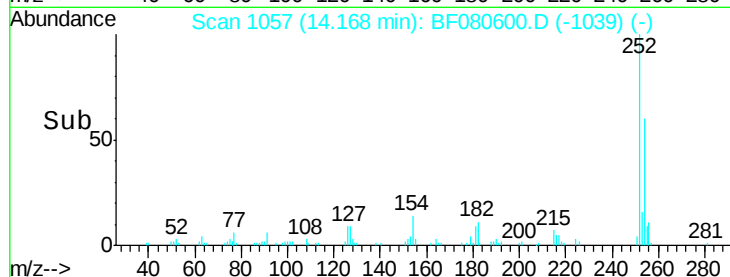
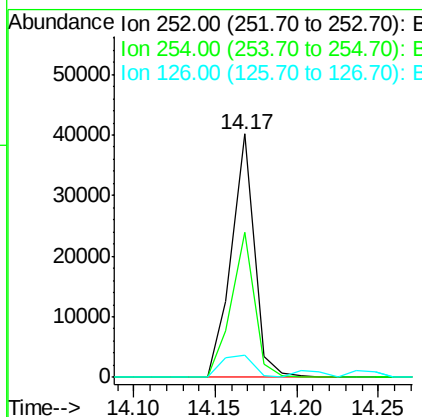
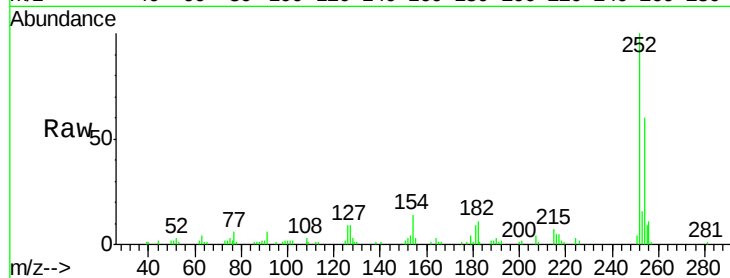
#81
 3,3'-Dichlorobenzidine
 Concen: 21.13 ng
 RT: 14.17 min Scan# 1057
 Delta R.T. -0.09 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampled :
 PB84631BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.7	49.2	73.8
126	9.1	8.1	12.1

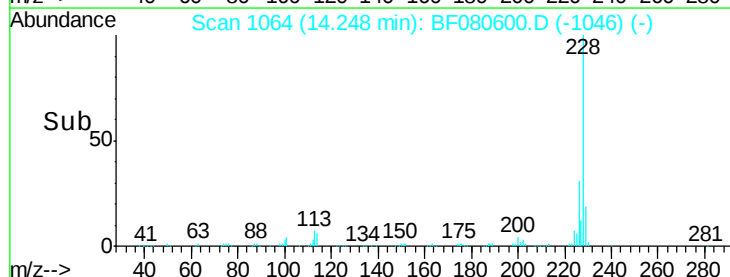
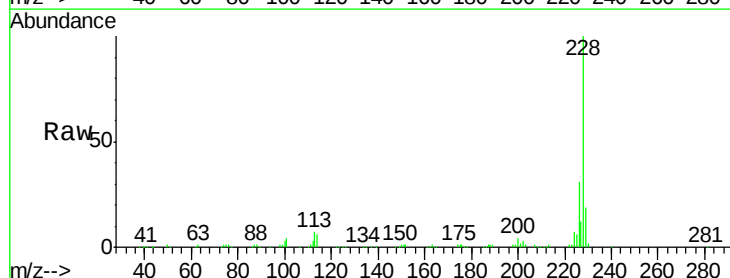
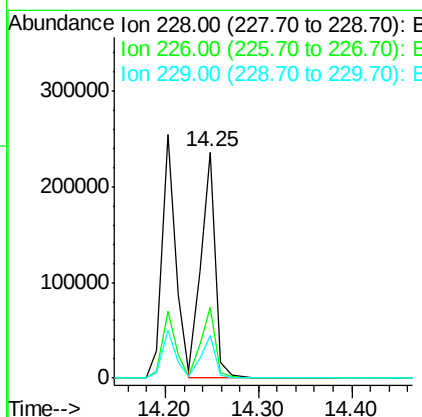
Manual Integrations
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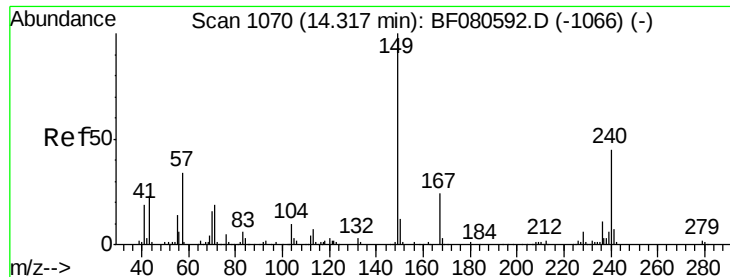
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#82
 Chrysene
 Concen: 39.46 ng
 RT: 14.25 min Scan# 1064
 Delta R.T. -0.09 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.6
229	19.2	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.42 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.10 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Instrument :

BNA_F

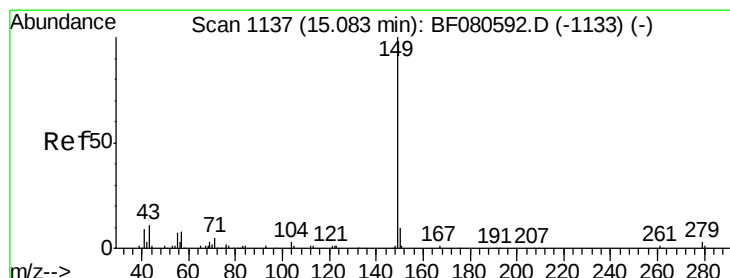
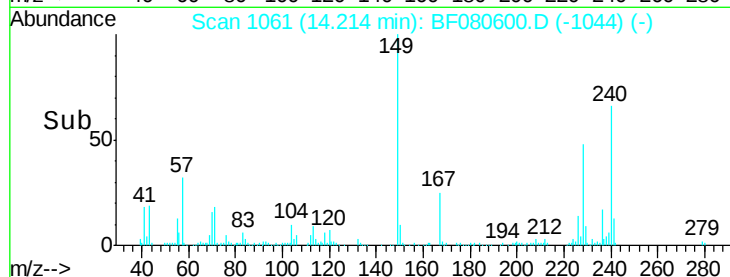
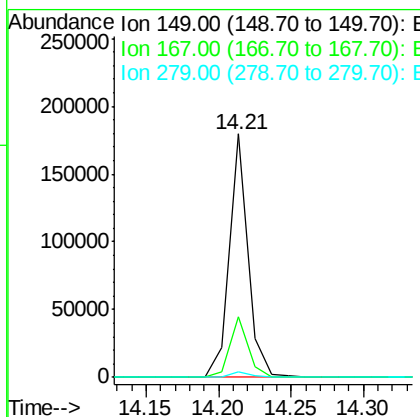
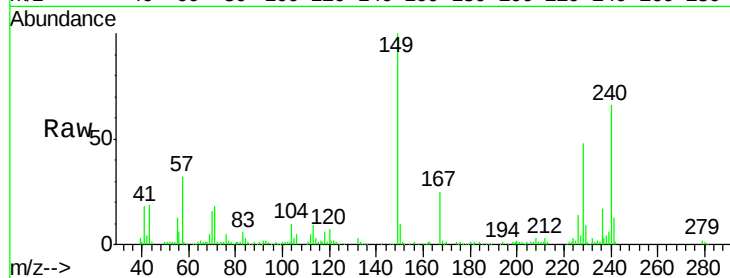
ClientSampleId :

PB84631BSD

Tgt Ion:	149	Resp:	160643
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.2	30.2
279	2.4	2.0	3.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.62 ng

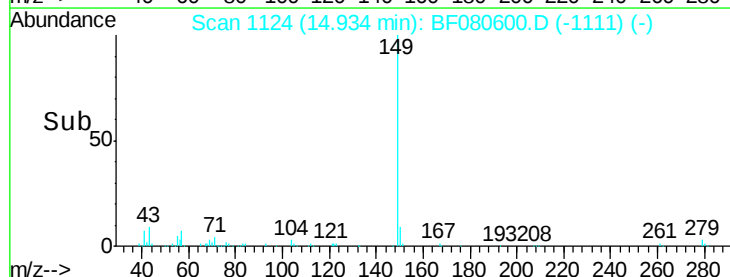
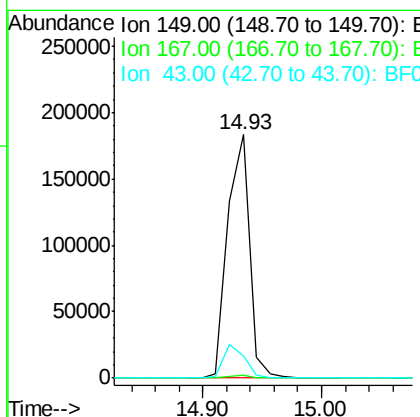
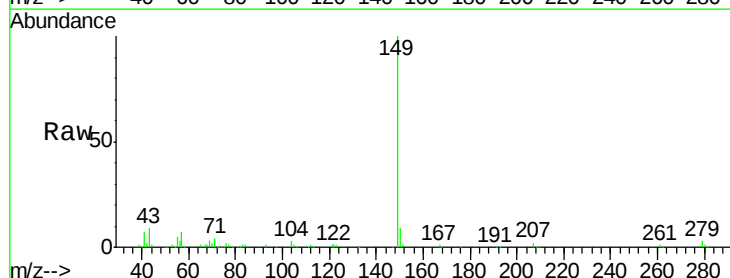
RT: 14.93 min Scan# 1124

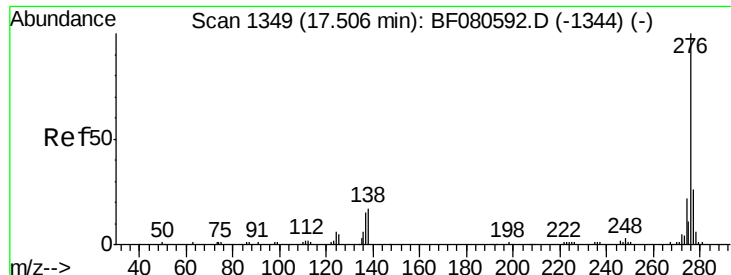
Delta R.T. -0.15 min

Lab File: BF080600.D

Acq: 23 Jul 2015 19:15

Tgt Ion:	149	Resp:	234221
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.2	1.8
43	13.7	12.5	18.7





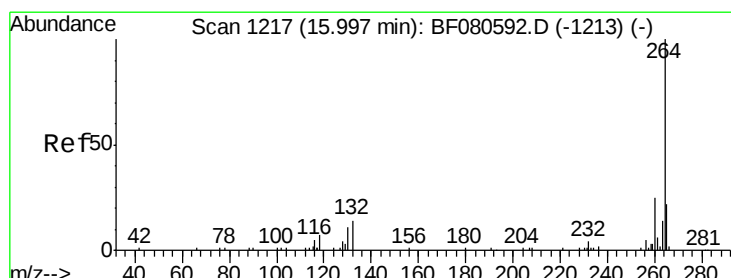
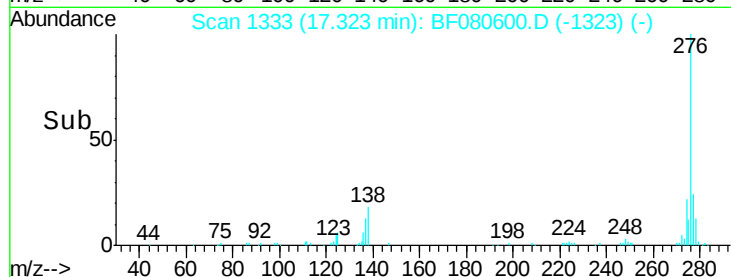
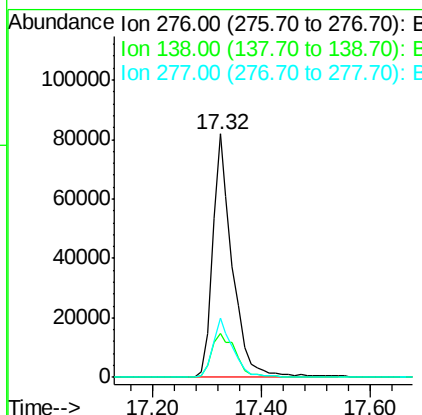
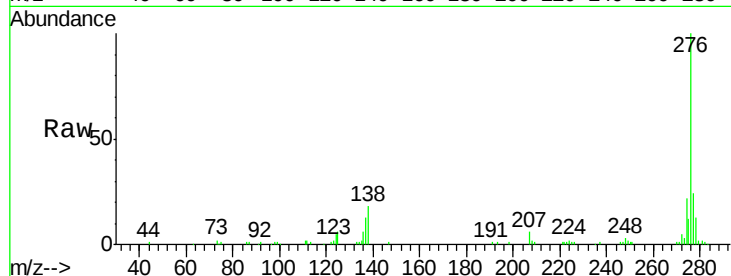
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.60 ng
RT: 17.32 min Scan# 1333
Delta R.T. -0.18 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	208689		
138	22.0	18.9	28.3	
277	24.3	19.9	29.9	

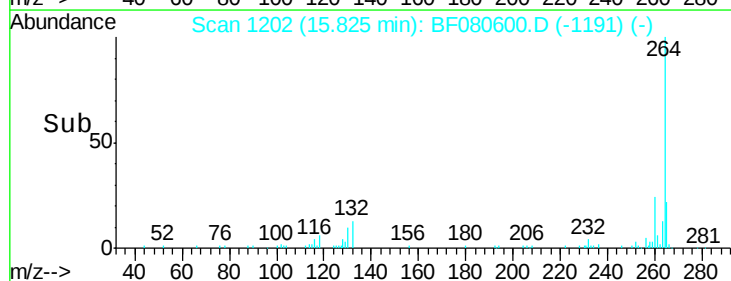
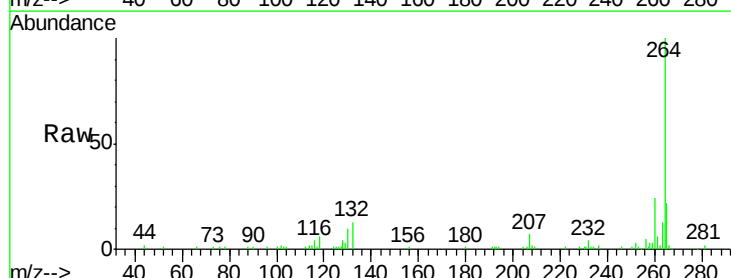
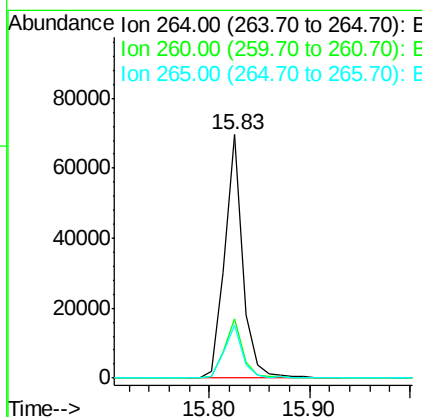
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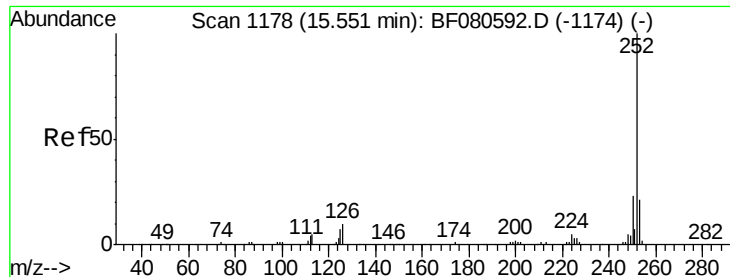
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1202
Delta R.T. -0.17 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	87142		
260	24.3	17.8	26.8	
265	21.7	15.6	23.4	





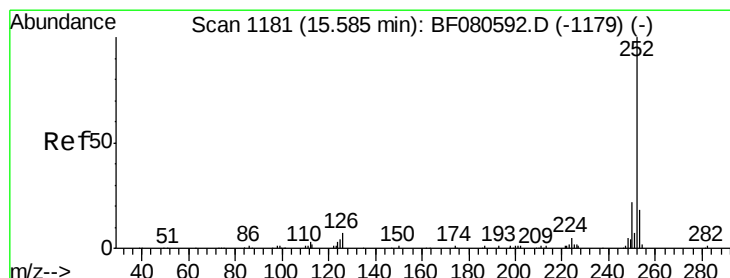
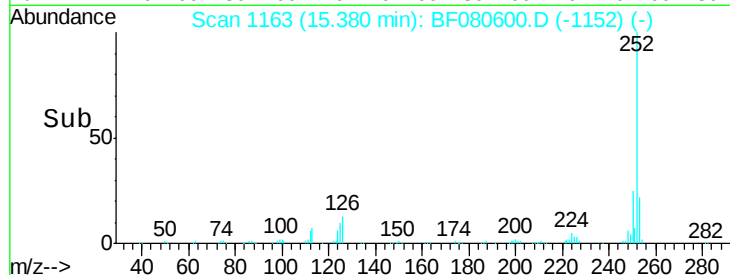
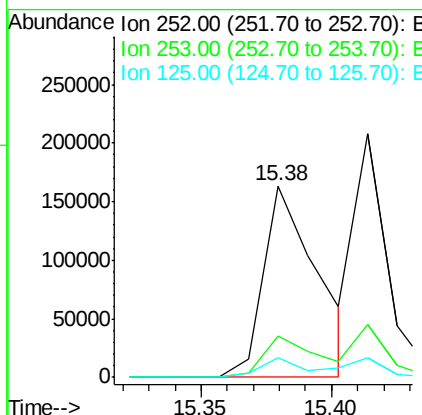
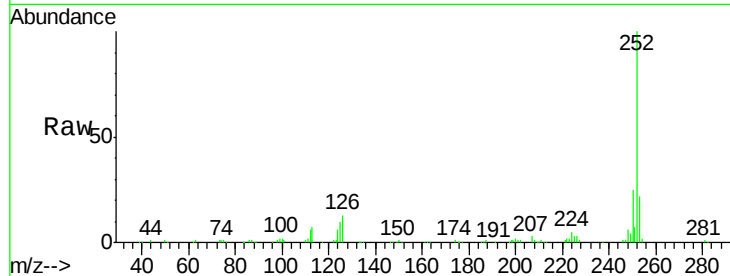
#87
Benzo(b)fluoranthene
Concen: 44.63 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.17 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	10.3	6.1	9.1

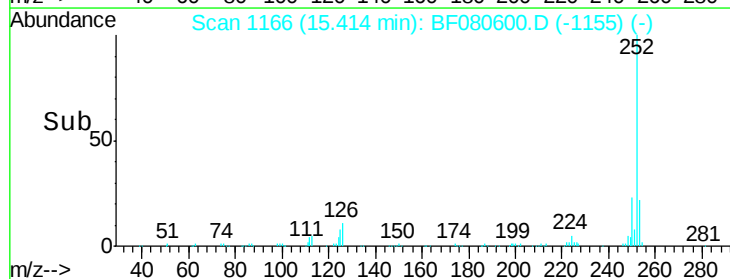
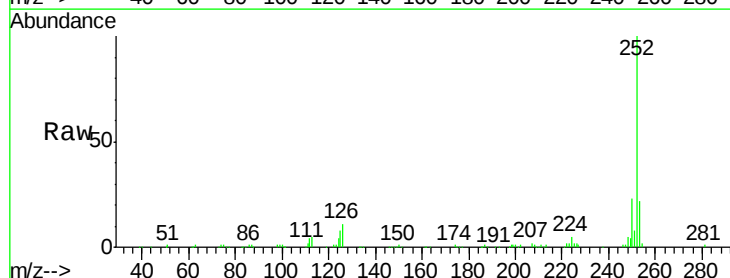
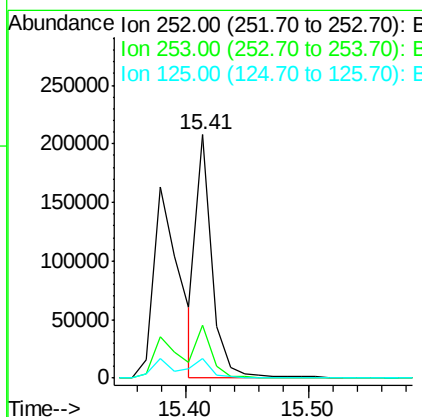
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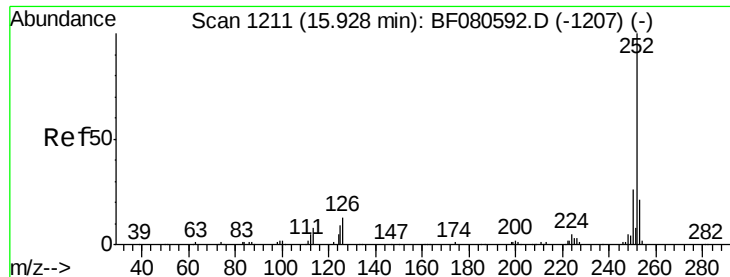
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#88
Benzo(k)fluoranthene
Concen: 35.75 ng m
RT: 15.41 min Scan# 1166
Delta R.T. -0.17 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	8.0	8.6	13.0





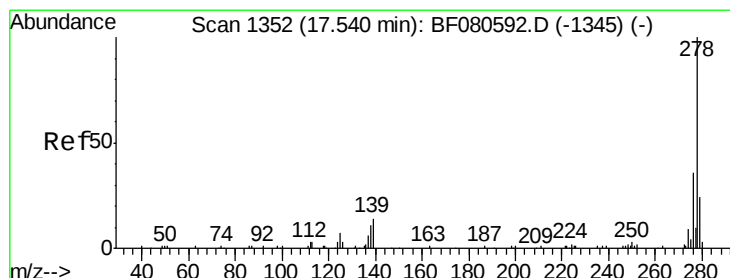
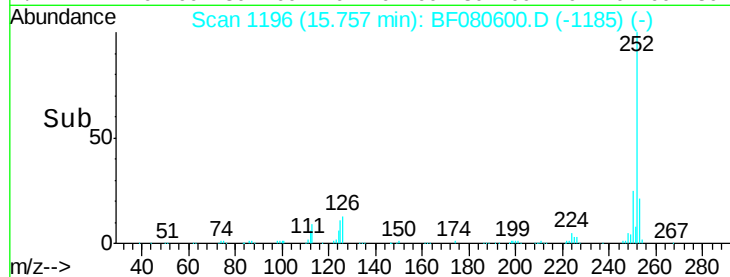
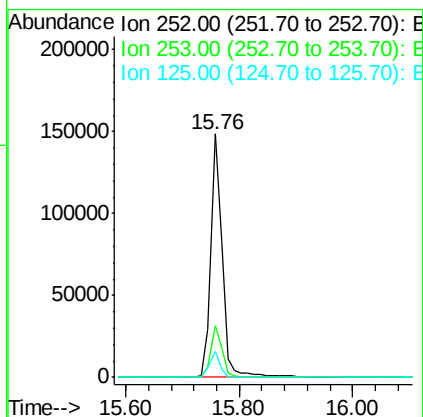
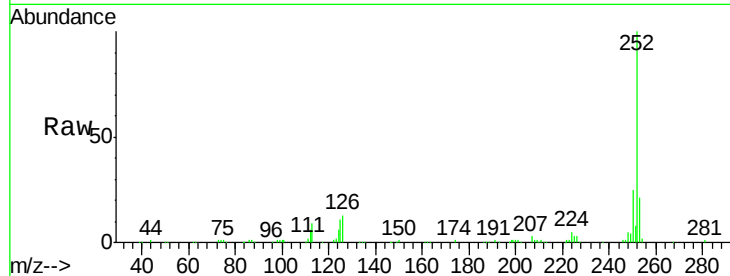
#89
Benzo(a)pyrene
Concen: 42.63 ng
RT: 15.76 min Scan# 1196
Delta R.T. -0.17 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Instrument :
BNA_F
ClientSampleId :
PB84631BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	19.0	28.6
125	10.7	11.2	16.8

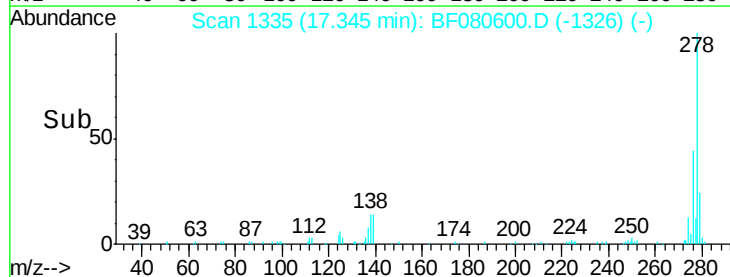
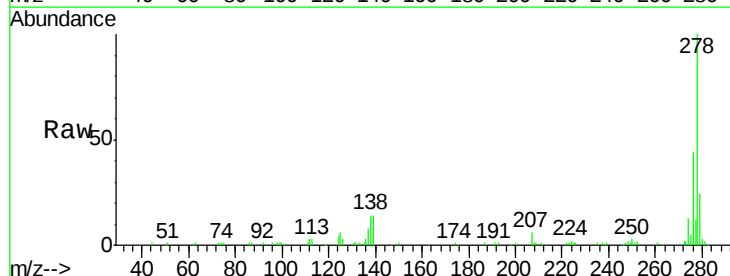
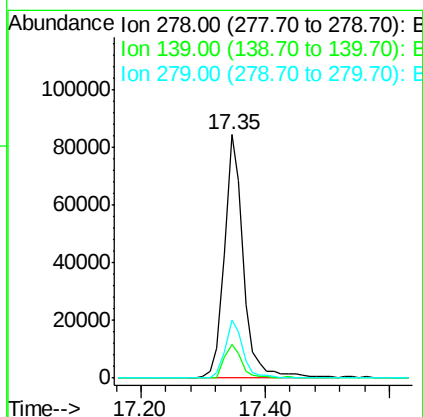
Manual Integrations
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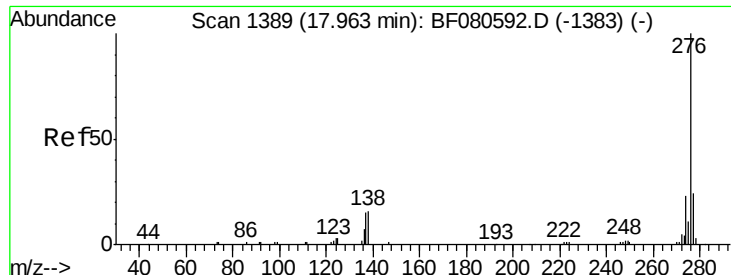
apatel
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#90
Dibenzo(a,h)anthracene
Concen: 40.33 ng
RT: 17.35 min Scan# 1335
Delta R.T. -0.19 min
Lab File: BF080600.D
Acq: 23 Jul 2015 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	11.6	17.4
279	23.6	18.9	28.3





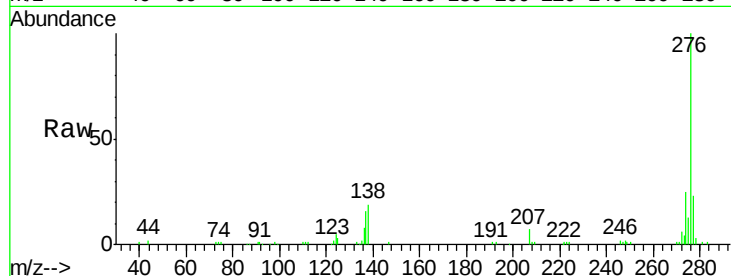
#91
 Benzo(g,h,i)perylene
 Concen: 39.68 ng
 RT: 17.77 min Scan# 1372
 Delta R.T. -0.19 min
 Lab File: BF080600.D
 Acq: 23 Jul 2015 19:15

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BSD

Tgt	Ion	276	Resp:	179988
Ion	Ratio	Lower	Upper	
276	100			
277	23.2	18.0	27.0	
138	19.4	17.8	26.6	

Manual Integrations
 APPROVED

apatel
 7/24/2015 4:47:09 PM



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

