

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080708.D
 Acq On : 30 Jul 2015 23:21
 Operator : TP/UM
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Manual Integrations
 APPROVED

MMDadoda
 7/31/2015 11:22:21 AM

Quant Time: Jul 31 01:59:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	205369	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	789184	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	361897	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	656364	20.00	ng	0.00
75) Chrysene-d12	14.01	240	409537	20.00	ng	0.01
86) Perylene-d12	15.41	264	398226	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	971095	81.12	ng	0.00
7) Phenol-d6	6.49	99	1239101	76.03	ng	0.00
23) Nitrobenzene-d5	7.42	82	1246501	76.49	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	340818	90.76	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1823386	75.17	ng	0.00
78) Terphenyl-d14	12.96	244	1680317	77.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	229530	38.88	ng	99
3) Pyridine	3.21	79	658527	40.20	ng	98
4) n-Nitrosodimethylamine	3.16	42	392254	41.89	ng	99
6) Aniline	6.52	93	906520	38.64	ng	98
8) 2-Chlorophenol	6.64	128	501551	37.38	ng	94
9) Benzaldehyde	6.41	77	418953	42.06	ng	97
10) Phenol	6.50	94	725065	38.44	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	542394	40.26	ng	# 81
12) 1,3-Dichlorobenzene	6.80	146	563332	37.71	ng	98
13) 1,4-Dichlorobenzene	6.88	146	611872	40.15	ng	99
14) 1,2-Dichlorobenzene	7.02	146	493691	35.44	ng	96
15) Benzyl Alcohol	7.00	79	570839	42.17	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1114325	38.71	ng	100
17) 2-Methylphenol	7.10	107	453777	41.20	ng	99
18) Hexachloroethane	7.37	117	217192	38.19	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	403881	36.80	ng	98
20) 3+4-Methylphenols	7.26	107	498401	36.67	ng	92
22) Acetophenone	7.28	105	757142	39.75	ng	# 68
24) Nitrobenzene	7.44	77	608890	37.29	ng	99
25) Isophorone	7.69	82	1151459	39.73	ng	# 95
26) 2-Nitrophenol	7.76	139	273515m	41.27	ng	
27) 2,4-Dimethylphenol	7.79	122	448622m	36.03	ng	
28) bis(2-Chloroethoxy)methane	7.89	93	635803	37.03	ng	99
29) 2,4-Dichlorophenol	8.00	162	435558	39.36	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	461648	38.25	ng	# 95
31) Naphthalene	8.17	128	1498415	38.04	ng	99
32) Benzoic acid	7.92	122	352459m	40.42	ng	
33) 4-Chloroaniline	8.21	127	651709	39.21	ng	98
34) Hexachlorobutadiene	8.28	225	296537	38.06	ng	99
35) Caprolactam	8.59	113	122155	36.86	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	485669	40.70	ng	# 87
37) 2-Methylnaphthalene	8.85	142	963131	38.95	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	410554	36.12	ng	98
40) Hexachlorocyclopentadiene	9.01	237	291289	41.66	ng	96

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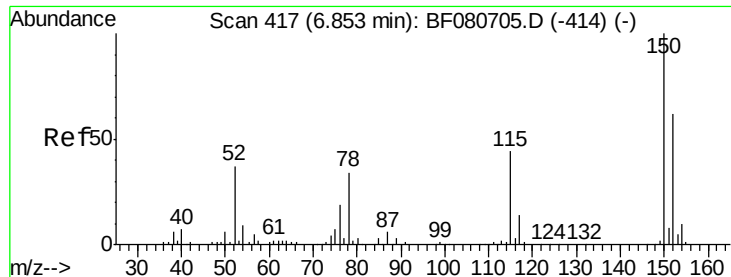
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	309613m	39.16	ng	
43) 2,4,5-Trichlorophenol	9.16	196	304180m	38.79	ng	
45) 1,1'-Biphenyl	9.32	154	1097611	39.56	ng	98
46) 2-Chloronaphthalene	9.34	162	905227	39.94	ng	99
47) 2-Nitroaniline	9.44	65	389255	44.14	ng	91
48) Acenaphthylene	9.76	152	1451618	40.28	ng	99
49) Dimethylphthalate	9.62	163	889900	34.89	ng	100
50) 2,6-Dinitrotoluene	9.68	165	195218	36.07	ng	86
51) Acenaphthene	9.93	154	860338	39.13	ng	99
52) 3-Nitroaniline	9.85	138	273955	43.86	ng	# 72
53) 2,4-Dinitrophenol	9.95	184	113575	39.40	ng	# 43
54) Dibenzofuran	10.10	168	1177650	40.05	ng	99
55) 4-Nitrophenol	10.00	139	203524	44.23	ng	# 75
56) 2,4-Dinitrotoluene	10.08	165	265043	37.34	ng	93
57) Fluorene	10.44	166	922675	40.43	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	245191	41.46	ng	95
59) Diethylphthalate	10.32	149	937038	38.12	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	398279	40.17	ng	98
61) 4-Nitroaniline	10.45	138	214414	38.02	ng	97
62) Azobenzene	10.59	77	1094803	41.11	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	174169	44.06	ng	# 37
65) n-Nitrosodiphenylamine	10.56	169	844842	39.26	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	278832	41.15	ng	98
67) Hexachlorobenzene	10.98	284	288321	36.80	ng	98
68) Atrazine	11.08	200	255009	55.26	ng	90
69) Pentachlorophenol	11.17	266	192414	40.59	ng	99
70) Phenanthrene	11.40	178	1258682	38.06	ng	99
71) Anthracene	11.45	178	1248572	38.43	ng	100
72) Carbazole	11.60	167	995178	35.29	ng	99
73) Di-n-butylphthalate	11.94	149	1373848	39.29	ng	99
74) Fluoranthene	12.58	202	1253091	39.20	ng	99
76) Benzidine	12.71	184	639715	42.90	ng	100
77) Pyrene	12.81	202	1274584	40.13	ng	99
79) Butylbenzylphthalate	13.44	149	522905	39.88	ng	# 64
80) Benzo(a)anthracene	13.99	228	957599	38.88	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	365289	43.45	ng	# 93
82) Chrysene	14.03	228	1023854	42.82	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	664908	42.05	ng	98
84) Di-n-octyl phthalate	14.60	149	1134414	42.79	ng	100
85) Indeno(1,2,3-cd)pyrene	16.80	276	862214	40.29	ng	# 86
87) Benzo(b)fluoranthene	15.01	252	840955	35.35	ng	99
88) Benzo(k)fluoranthene	15.04	252	816715m	41.72	ng	
89) Benzo(a)pyrene	15.36	252	752290	38.52	ng	99
90) Dibenzo(a,h)anthracene	16.82	278	713549	40.82	ng	97
91) Benzo(g,h,i)perylene	17.22	276	726621	42.24	ng	96

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



#1

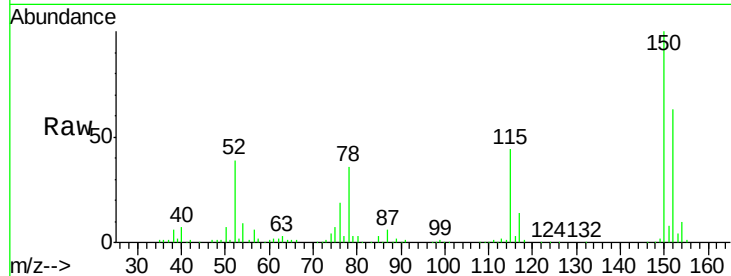
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

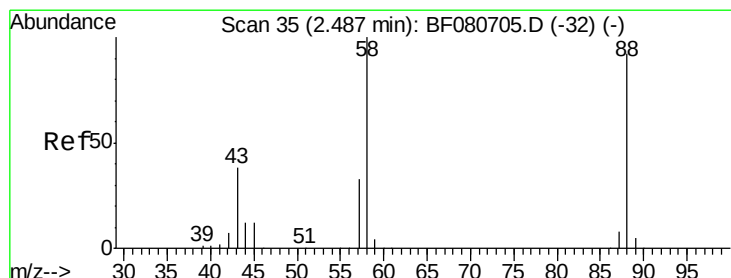
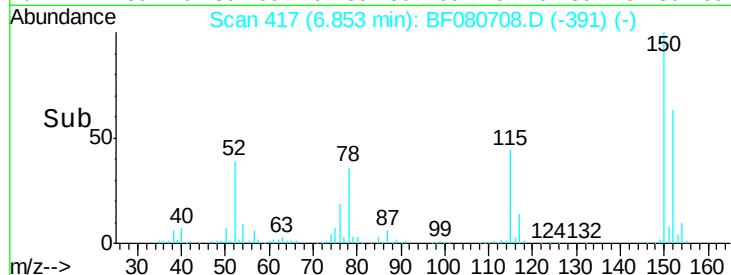
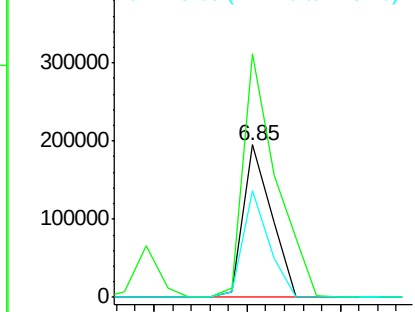
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	205369		
150	159.5	129.6	194.4	
115	70.3	56.6	85.0	

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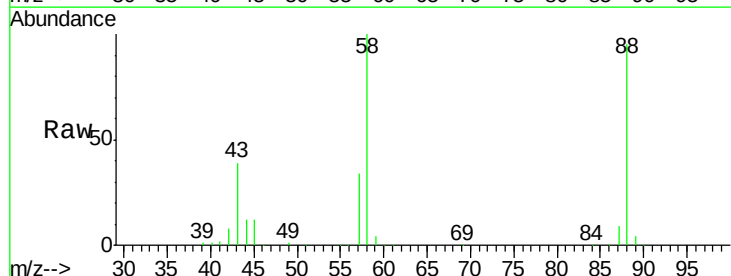
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



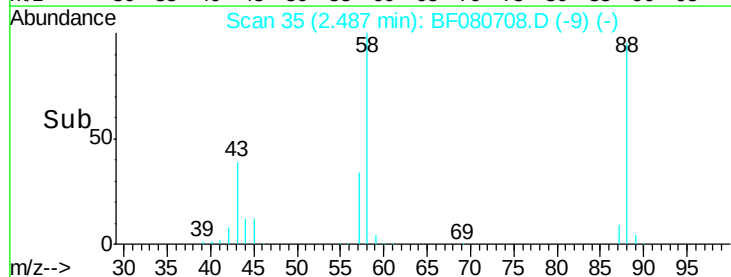
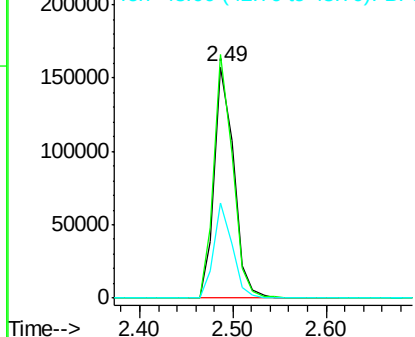
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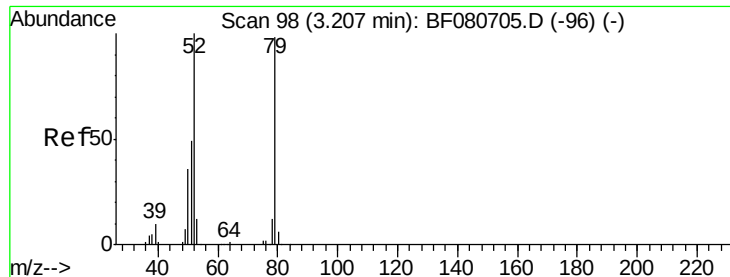
1,4-Dioxane
Concen: 38.88 ng
RT: 2.49 min Scan# 35
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	229530		
58	101.5	82.3	123.5	
43	39.2	31.7	47.5	



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: 40.20 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

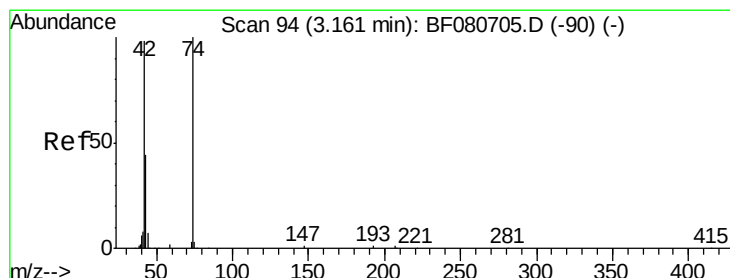
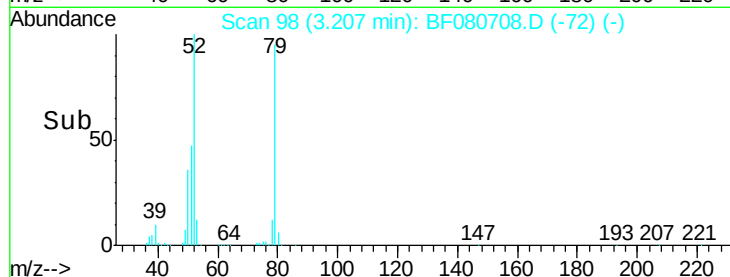
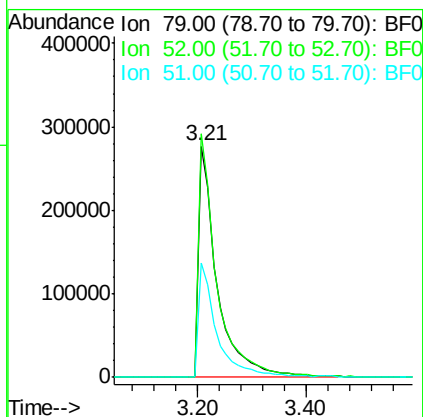
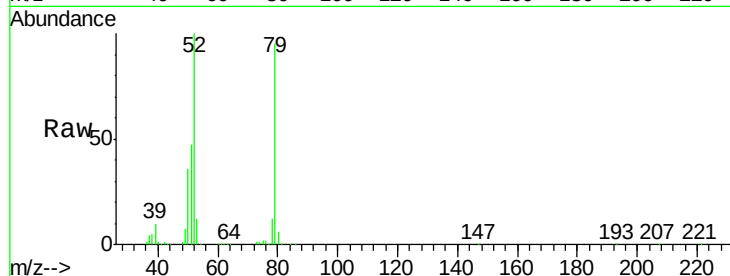
ClientSampleId :

ICVBF073015

Tgt Ion:	79	Resp:	658527
Ion Ratio	Lower	Upper	
79	100		
52	105.4	81.6	122.4
51	49.7	40.2	60.2

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7/31/2015 11:22:21 AM



#4

n-Nitrosodimethylamine

Concen: 41.89 ng

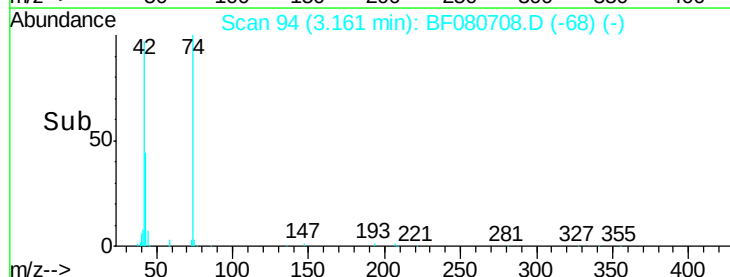
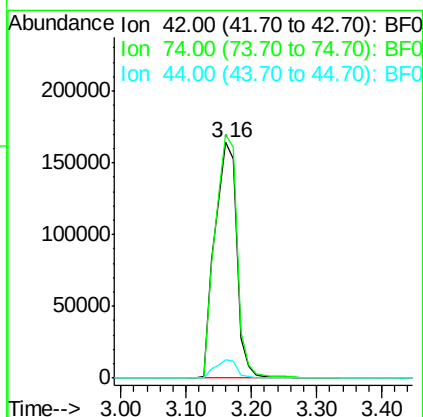
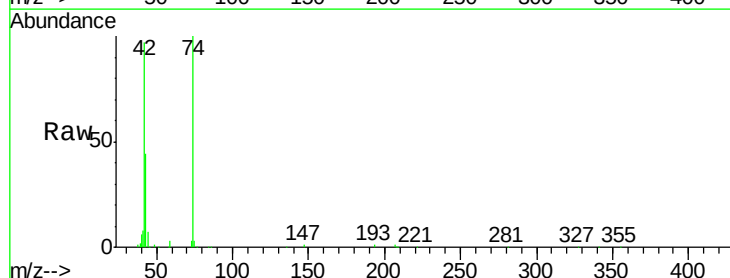
RT: 3.16 min Scan# 94

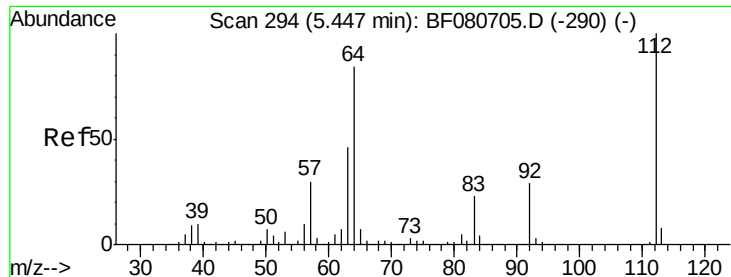
Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:	42	Resp:	392254
Ion Ratio	Lower	Upper	
42	100		
74	103.2	81.5	122.3
44	7.7	5.6	8.4





#5

2-Fluorophenol

Concen: 81.12 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

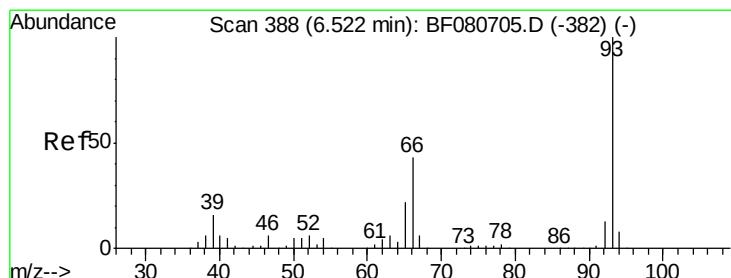
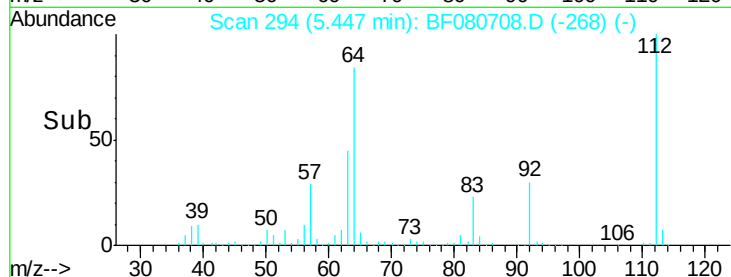
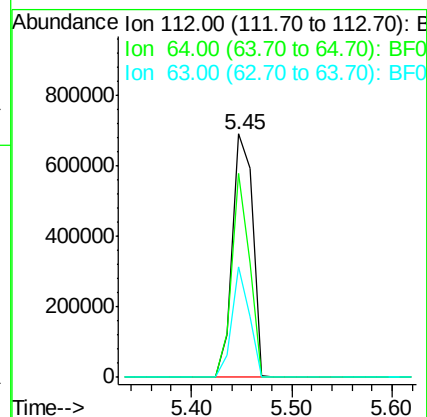
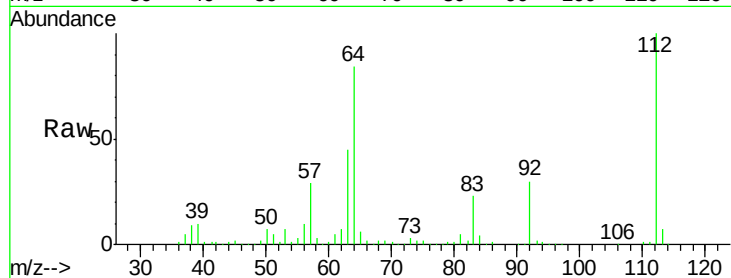
ClientSampleId :

ICVBF073015

Tgt Ion:	112	Resp:	971095
Ion Ratio	Lower	Upper	
112	100		
64	83.9	66.8	100.2
63	45.3	36.7	55.1

Manual Integrations
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#6

Aniline

Concen: 38.64 ng

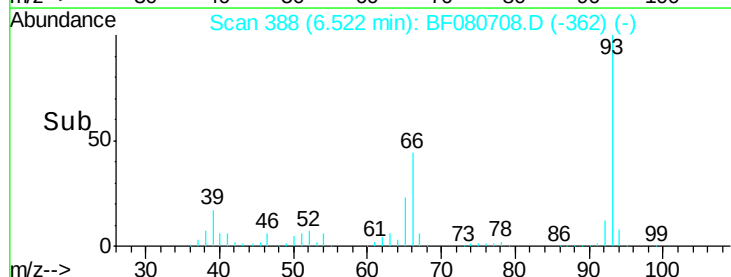
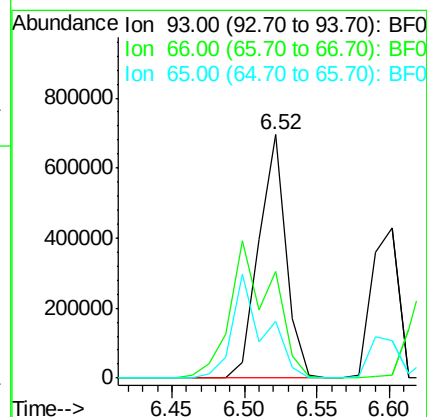
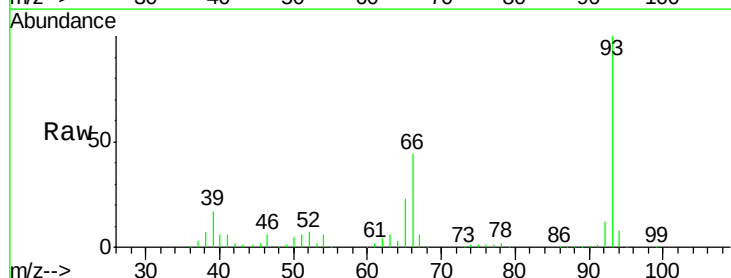
RT: 6.52 min Scan# 388

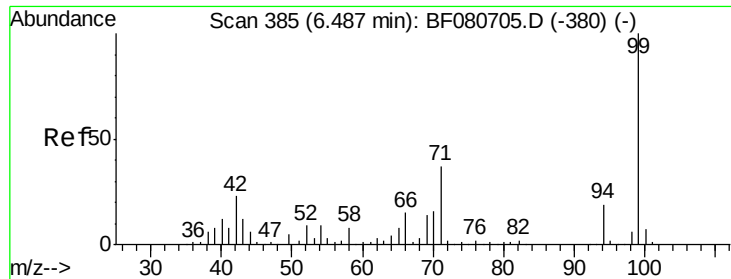
Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:	93	Resp:	906520
Ion Ratio	Lower	Upper	
93	100		
66	44.1	34.3	51.5
65	23.5	17.6	26.4





#7

Phenol-d6

Concen: 76.03 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

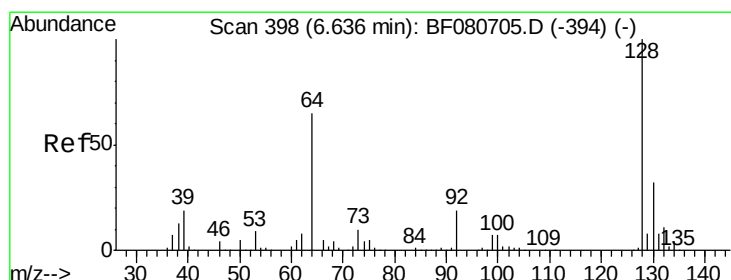
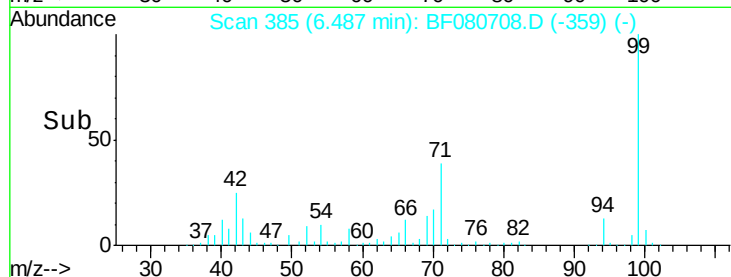
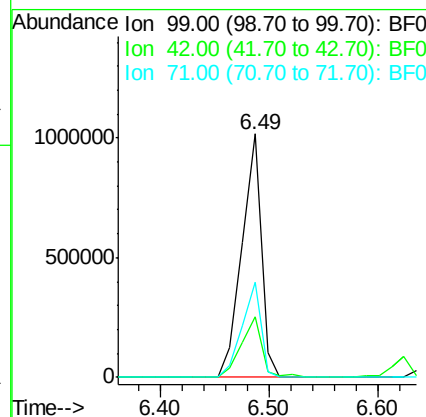
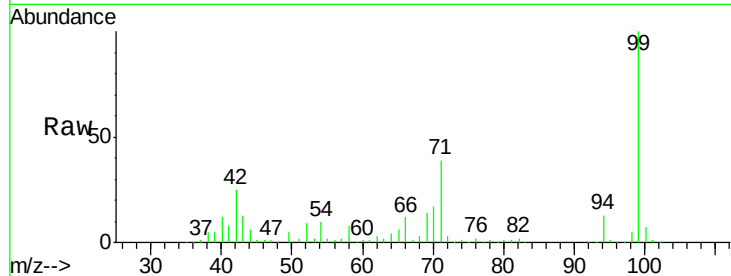
ClientSampleId :

ICVBF073015

Tgt Ion:	99	Resp:	1239101
Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.2	27.2
71	39.0	29.5	44.3

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7/31/2015 11:22:21 AM



#8

2-Chlorophenol

Concen: 37.38 ng

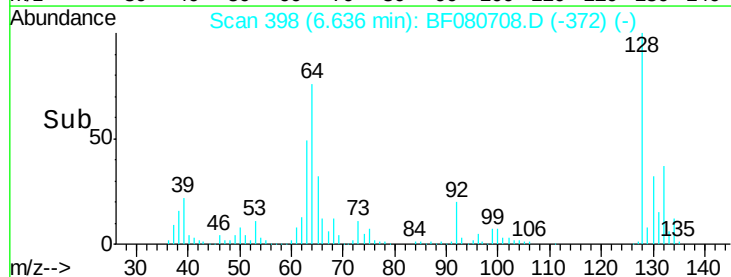
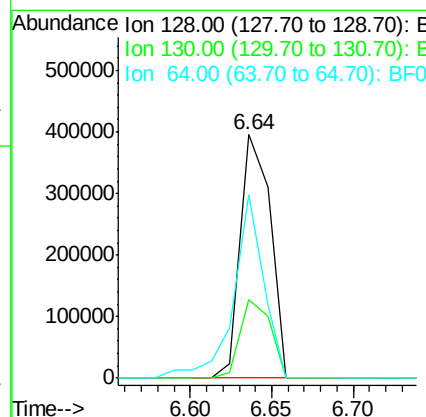
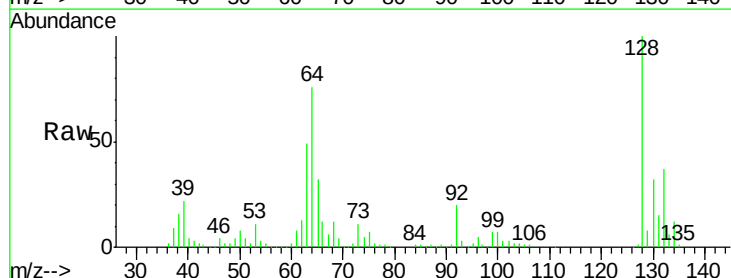
RT: 6.64 min Scan# 398

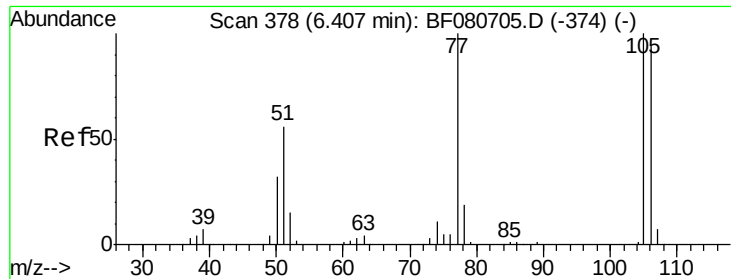
Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:	128	Resp:	501551
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.7	51.7
64	75.6	48.7	88.7





#9

Benzaldehyde

Concen: 42.06 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF080708.D

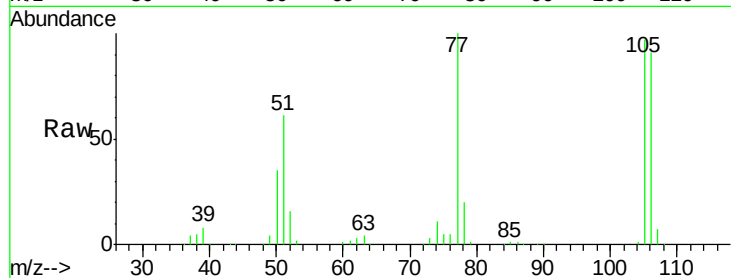
Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

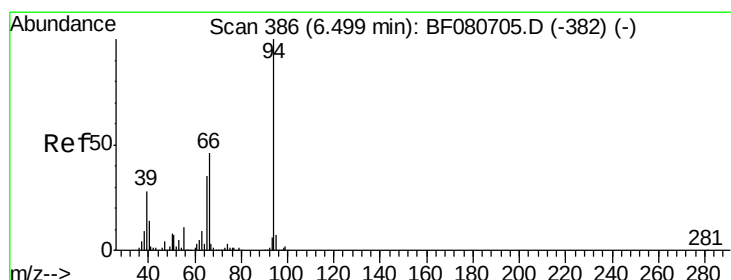
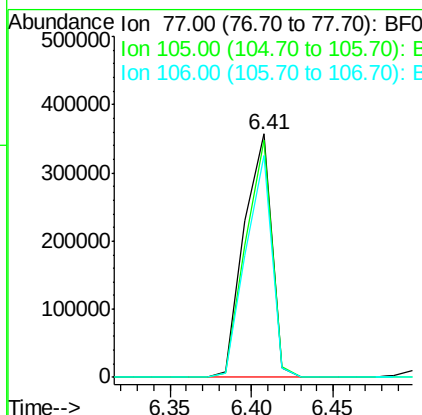
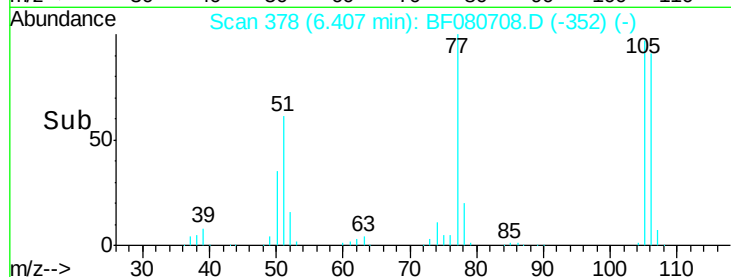
ICVBF073015



Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.3	80.2	120.2
106	91.3	74.2	114.2

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#10

Phenol

Concen: 38.44 ng

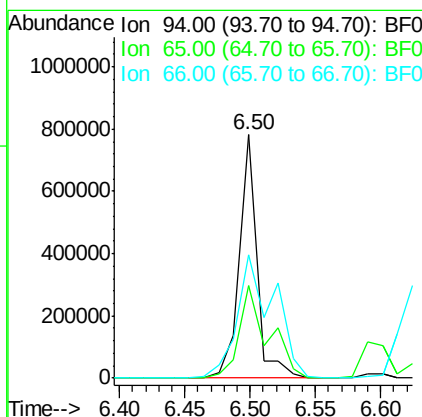
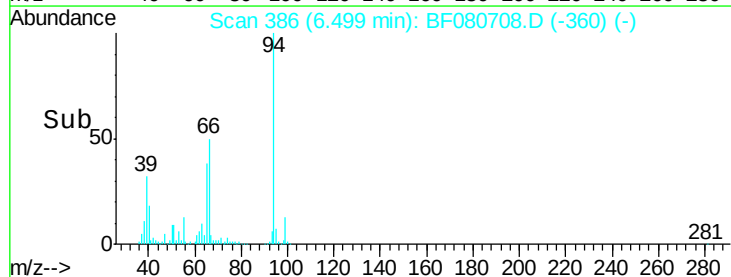
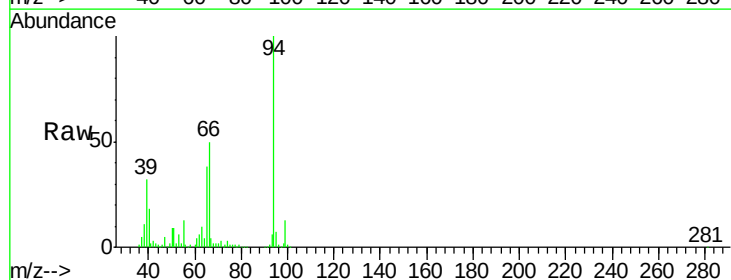
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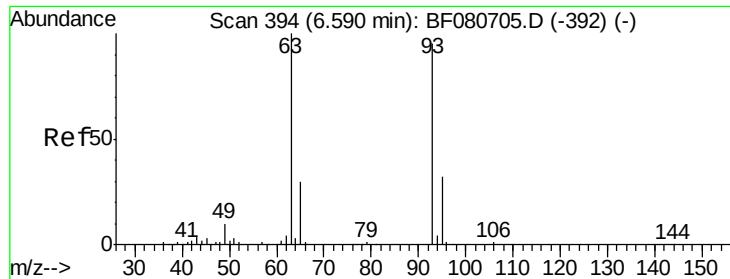
Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.9	14.7	54.7
66	50.4	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 40.26 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion: 93 Resp: 542394
Ion Ratio Lower Upper

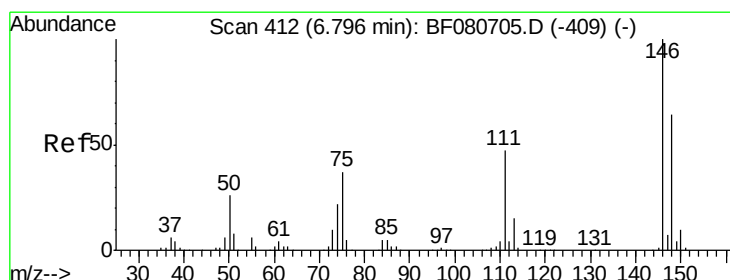
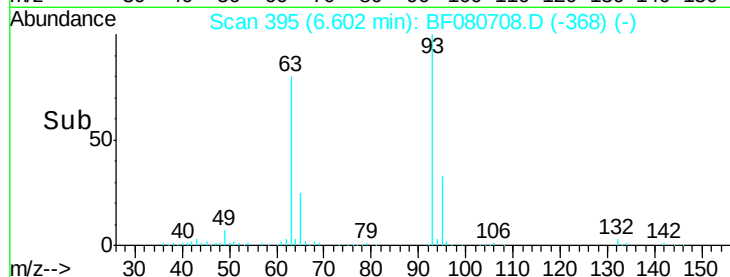
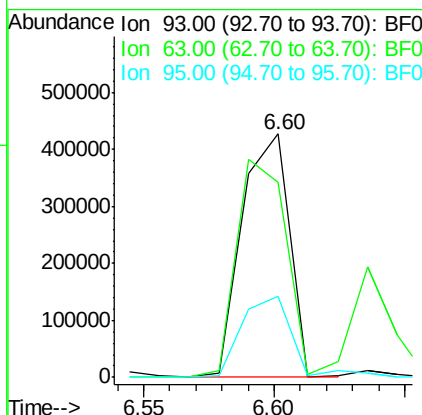
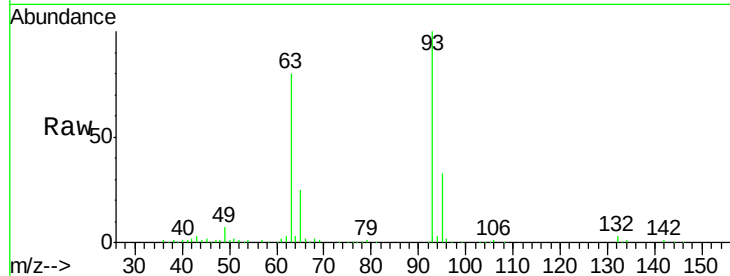
93 100

63 79.8 85.3 125.3#

95 33.0 13.3 53.3

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#12

1,3-Dichlorobenzene

Concen: 37.71 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080708.D

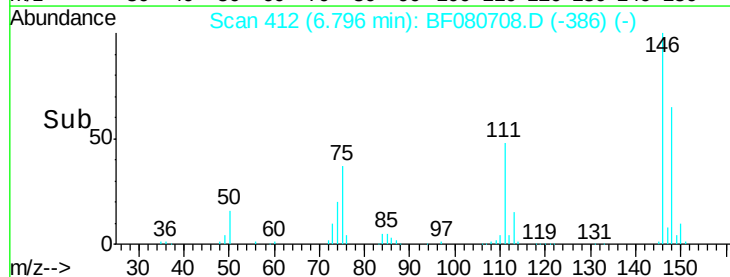
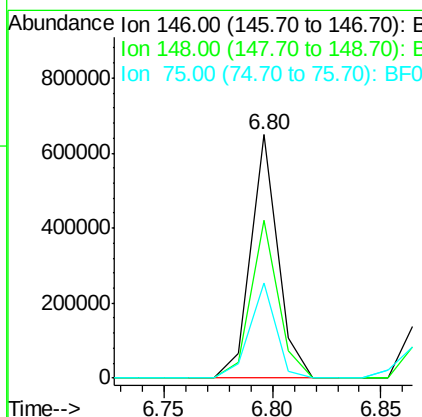
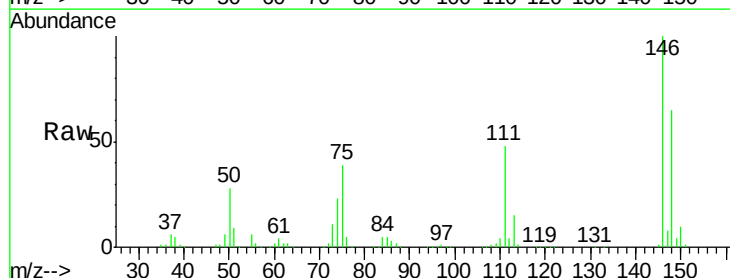
Acq: 30 Jul 2015 23:21

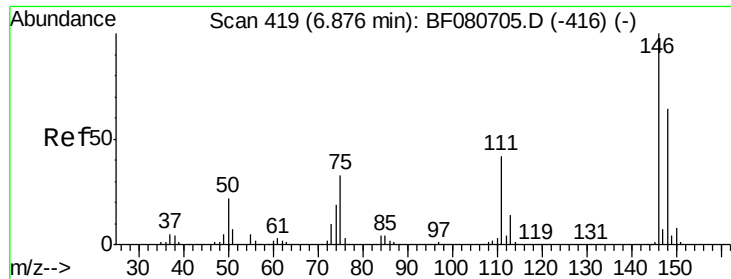
Tgt Ion: 146 Resp: 563332
Ion Ratio Lower Upper

146 100

148 64.6 51.0 76.6

75 39.1 29.4 44.0





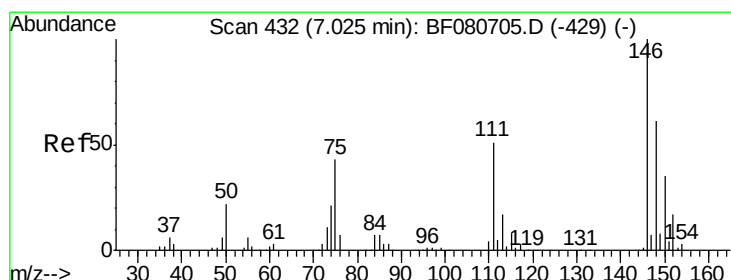
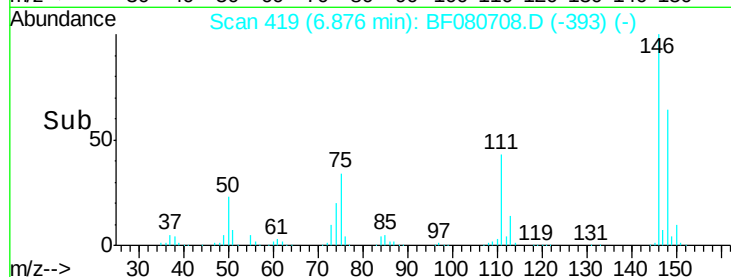
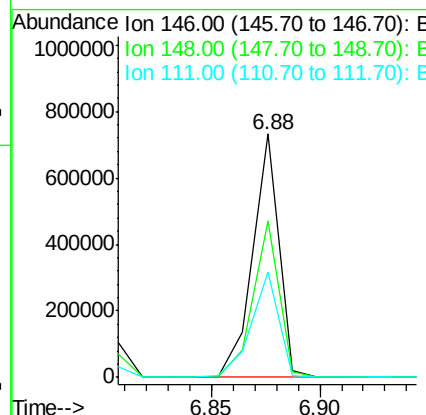
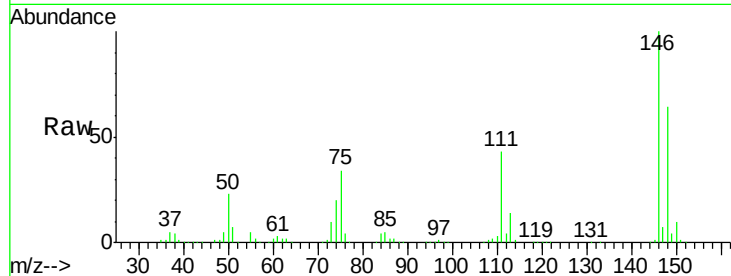
#13
 1,4-Dichlorobenzene
 Concen: 40.15 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	43.4	33.8	50.6

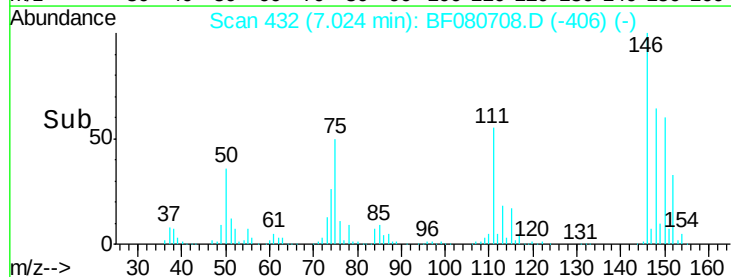
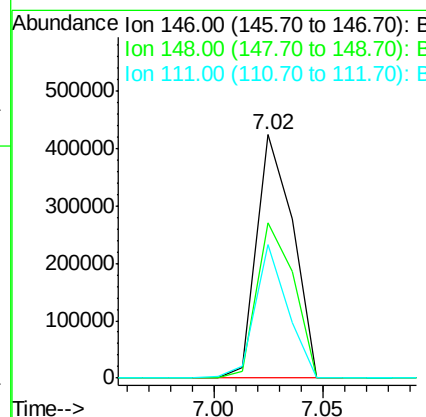
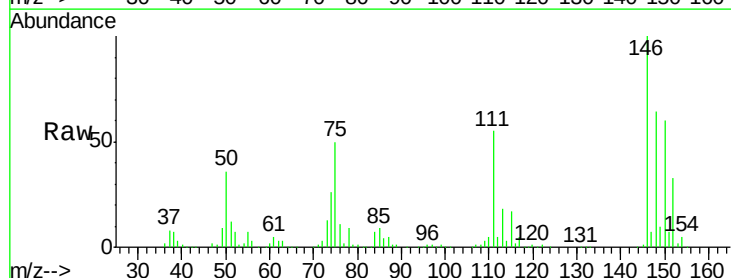
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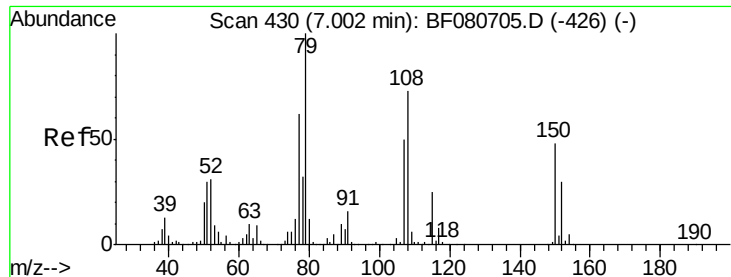
MMDadoda
 7/31/2015 11:22:21 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.44 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.2	73.8
111	54.8	41.0	61.4





#15

Benzyl Alcohol

Concen: 42.17 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion: 79 Resp: 570839

Ion Ratio Lower Upper

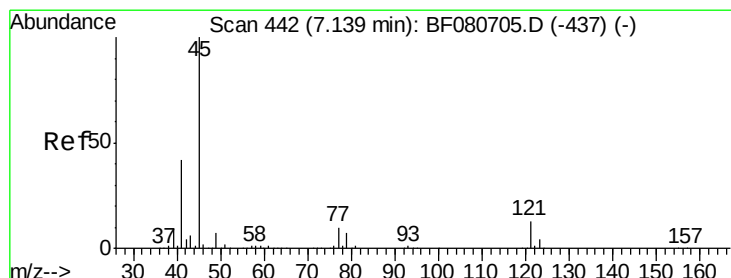
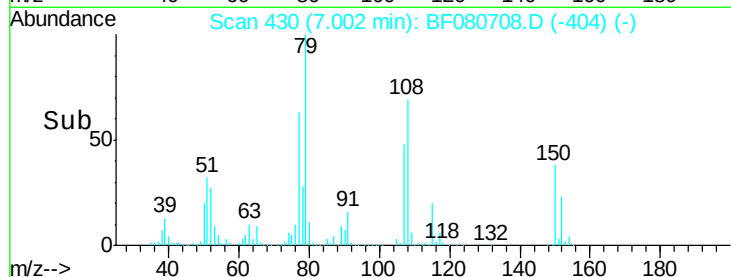
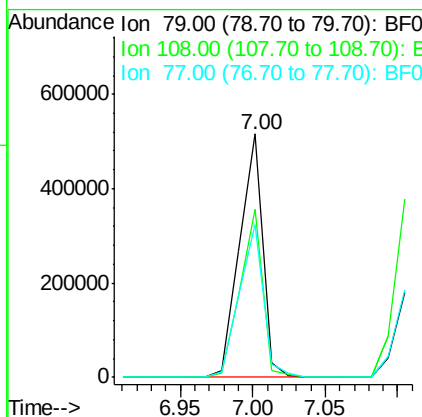
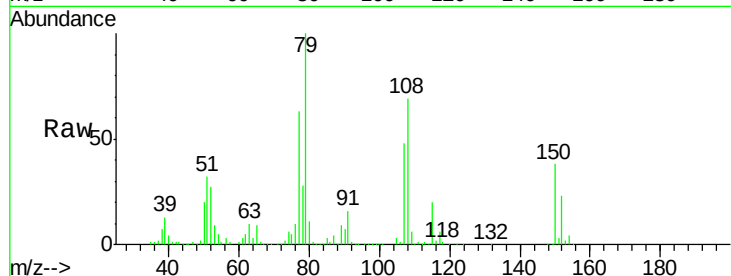
79 100

108 69.3 58.7 88.1

77 62.8 49.8 74.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.71 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

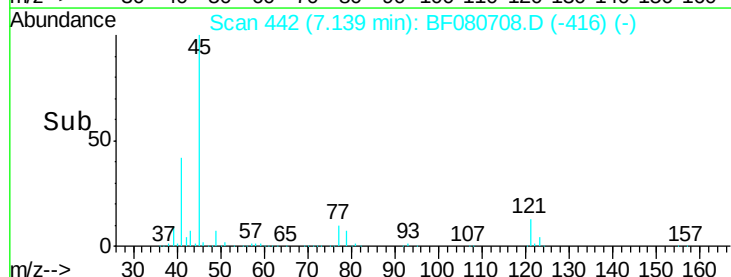
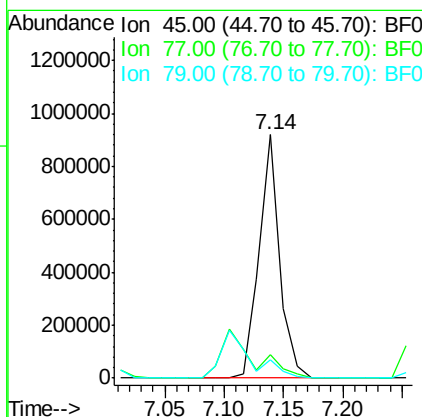
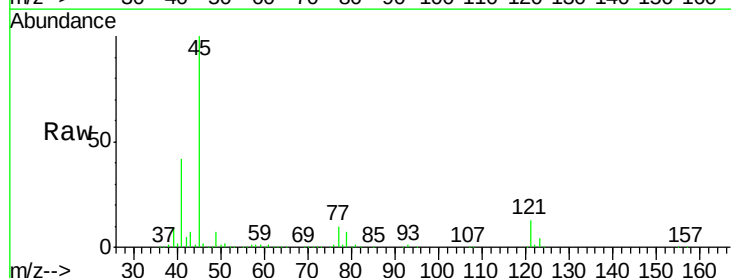
Tgt Ion: 45 Resp: 1114325

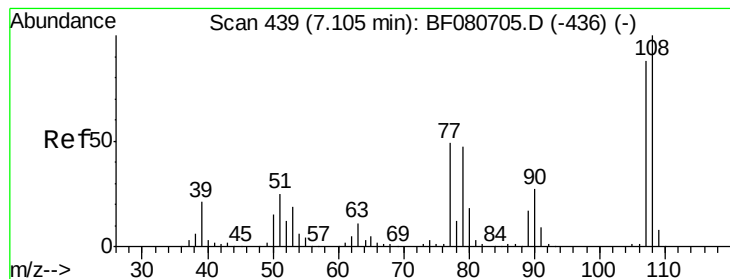
Ion Ratio Lower Upper

45 100

77 9.8 0.0 29.9

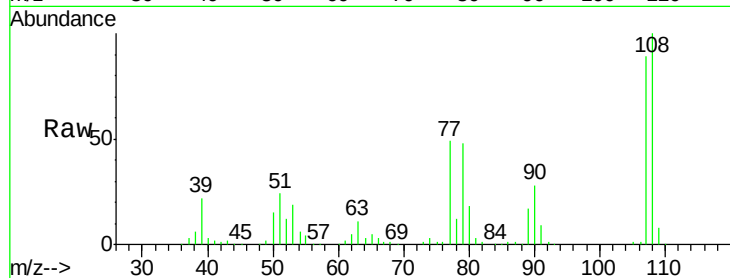
79 7.4 0.0 27.4





#17
2-Methylphenol
Concen: 41.20 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

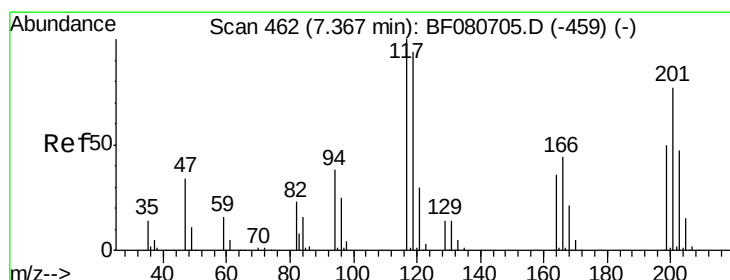
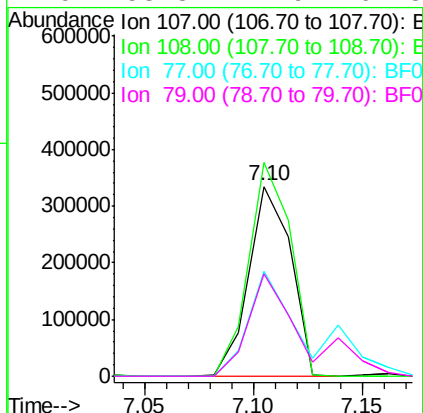
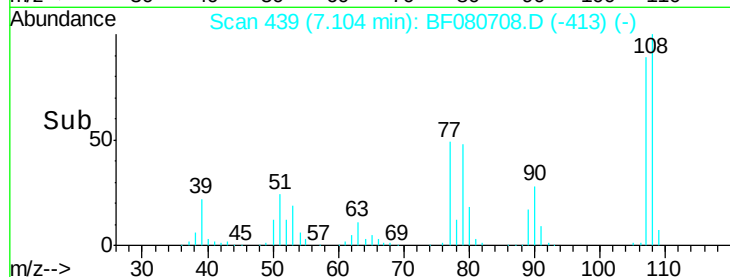
Instrument :
BNA_F
ClientSampleId :
ICVBF073015



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	453777		
108	112.4	90.8	136.2	
77	55.0	44.6	67.0	
79	53.8	42.9	64.3	

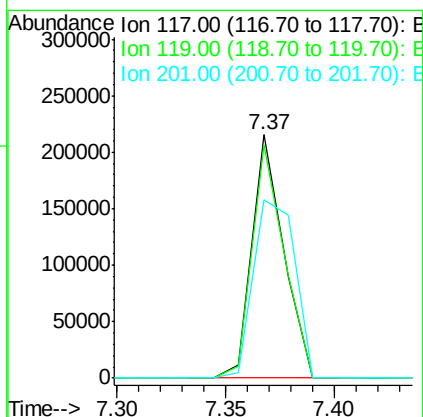
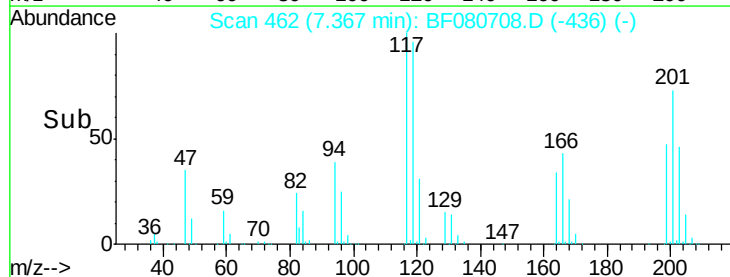
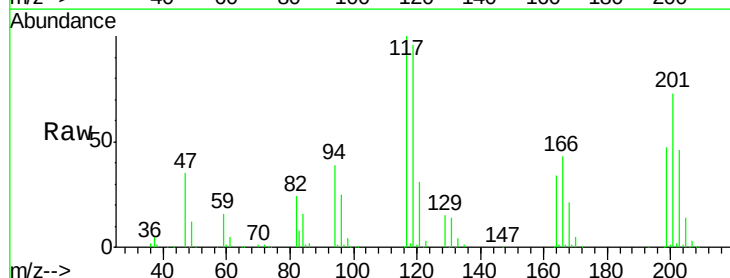
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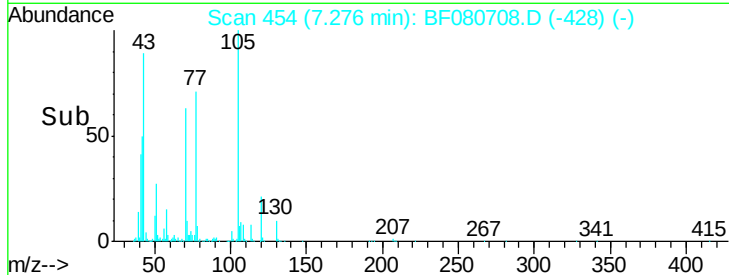
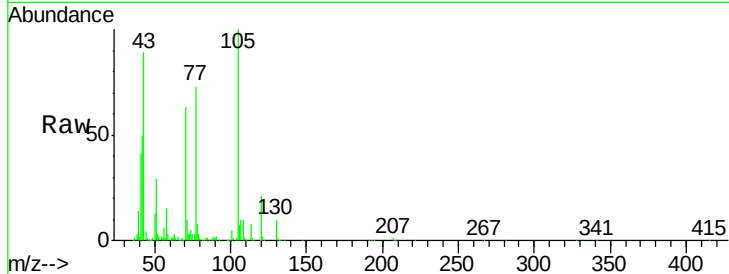
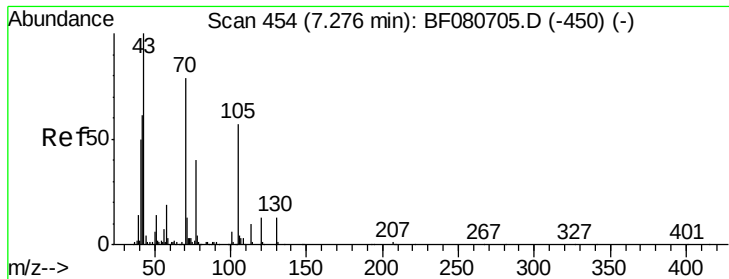
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#18
Hexachloroethane
Concen: 38.19 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	217192		
119	96.0	74.9	112.3	
201	73.1	61.5	92.3	





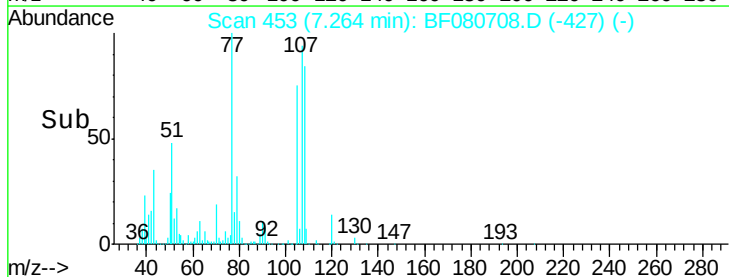
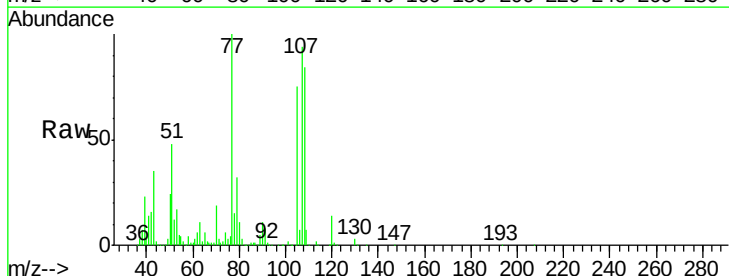
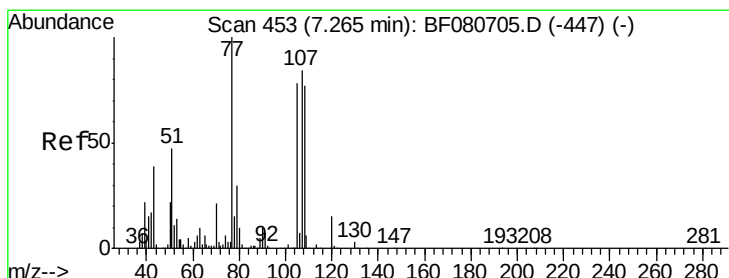
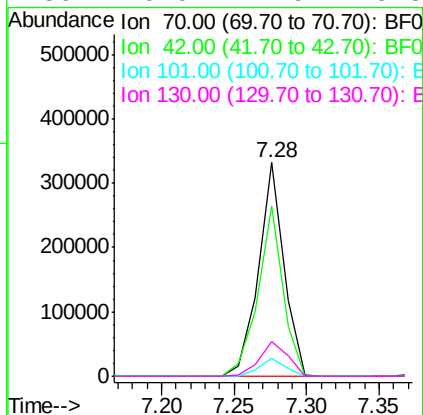
#19
n-Nitroso-di-n-propylamine
Concen: 36.80 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

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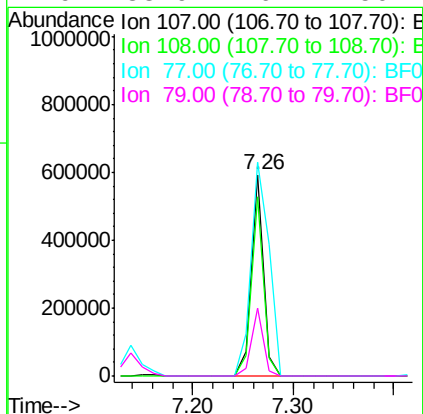
MMDadoda
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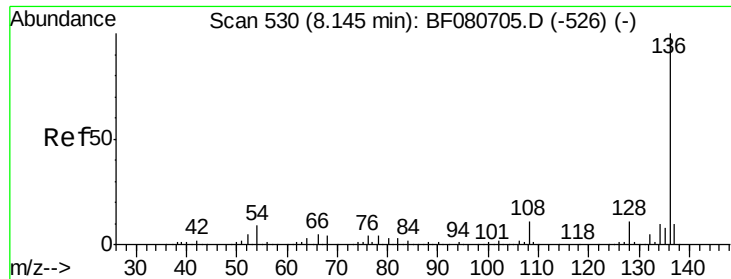
Tgt Ion	Ratio	Lower	Upper
70	100		
42	79.5	61.8	92.6
101	8.4	6.1	9.1
130	16.0	12.9	19.3



#20
3+4-Methylphenols
Concen: 36.67 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

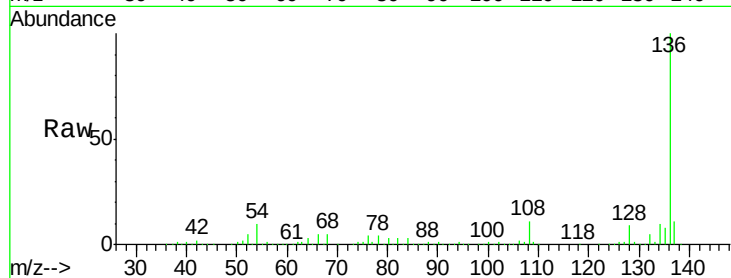
Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	71.8	111.8
77	106.2	99.8	139.8
79	33.9	16.2	56.2





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

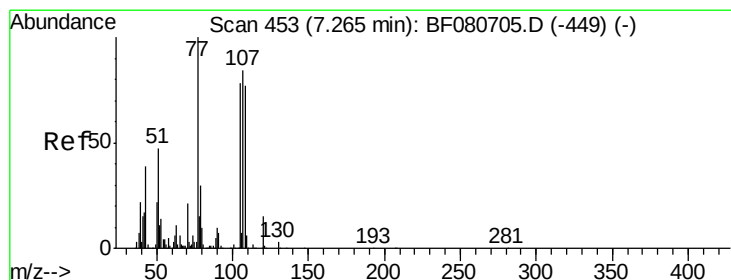
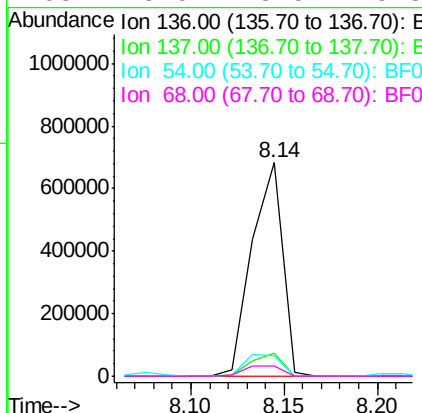
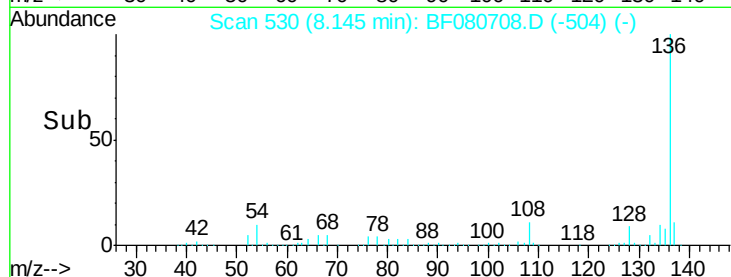
Instrument :
BNA_F
ClientSampleId :
ICVBF073015



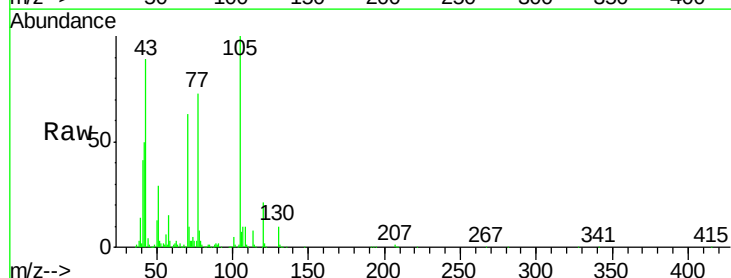
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	789184		
137	10.7	8.4	12.6	
54	9.6	6.9	10.3	
68	5.0	3.5	5.3	

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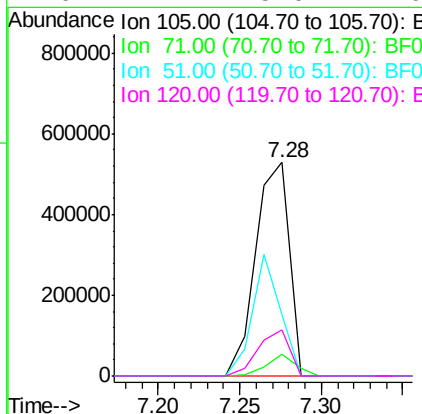
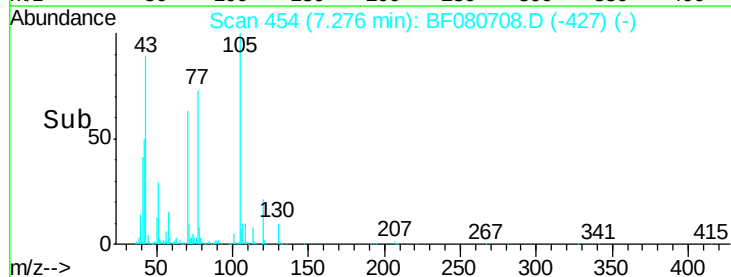
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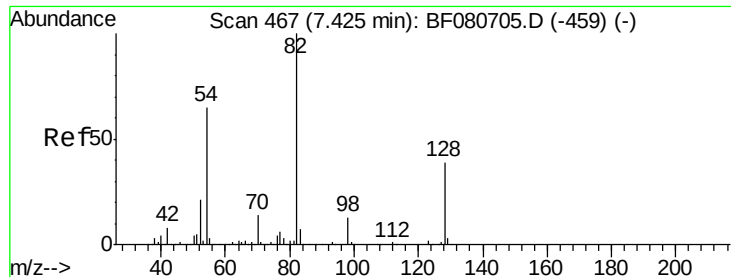


#22
Acetophenone
Concen: 39.75 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	757142		
71	10.1	3.4	5.0#	
51	28.9	47.9	71.9#	
120	21.4	15.0	22.6	





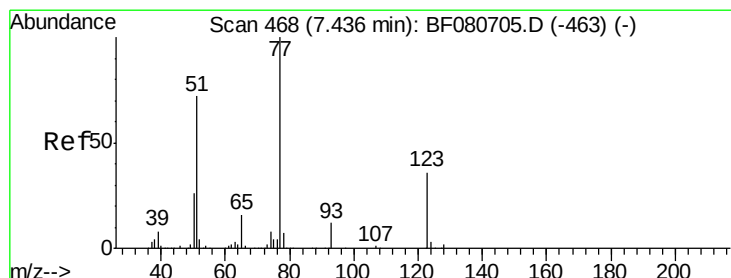
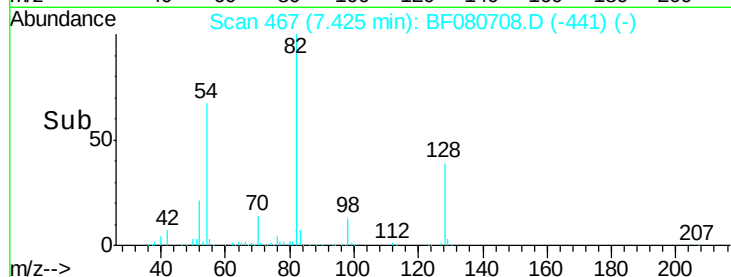
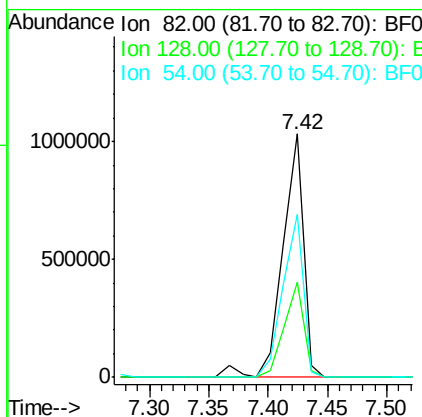
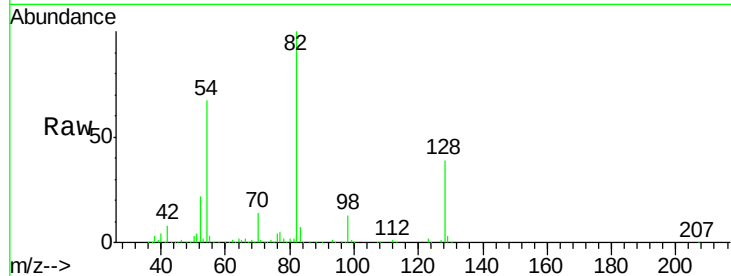
#23
 Nitrobenzene-d5
 Concen: 76.49 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.5	47.3
54	66.7	51.8	77.8

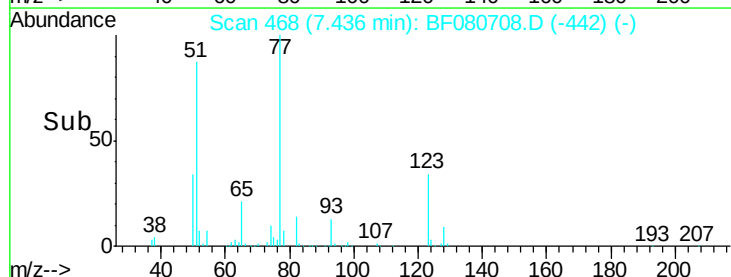
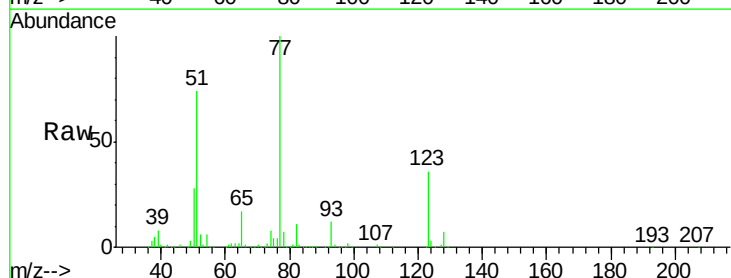
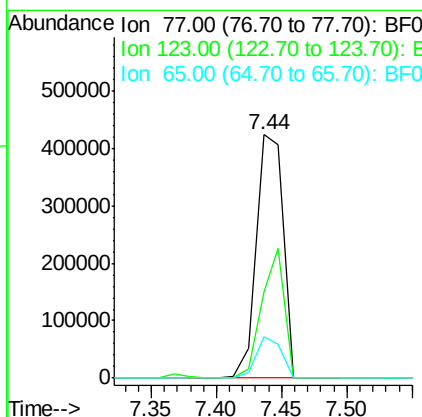
Manual Integrations
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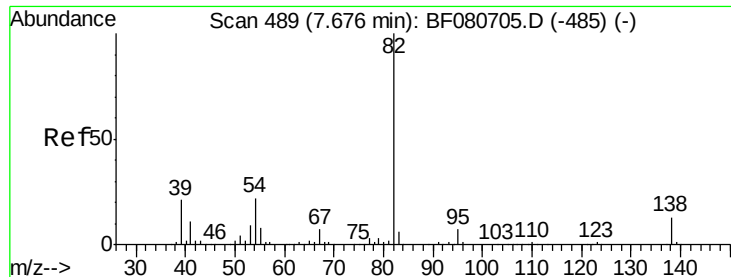
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#24
 Nitrobenzene
 Concen: 37.29 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.6	28.9	43.3
65	16.9	13.0	19.4





#25

Isophorone

Concen: 39.73 ng

RT: 7.69 min Scan# 490

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion: 82 Resp: 1151459

Ion Ratio Lower Upper

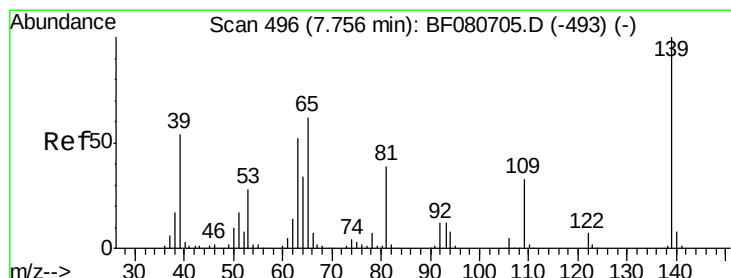
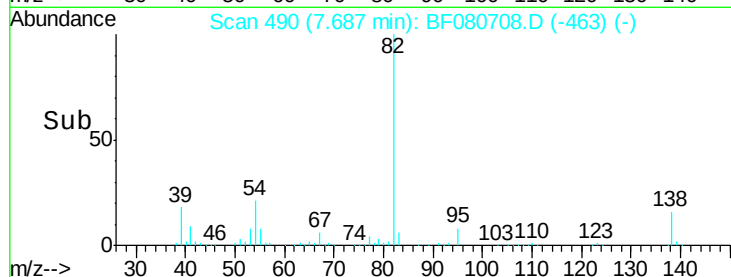
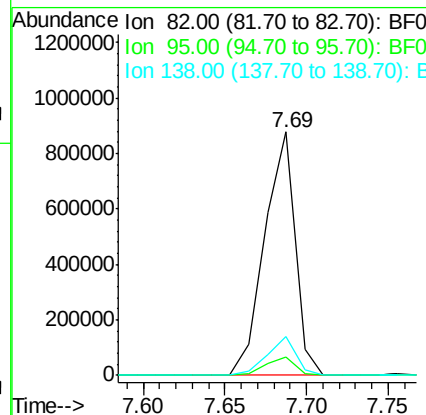
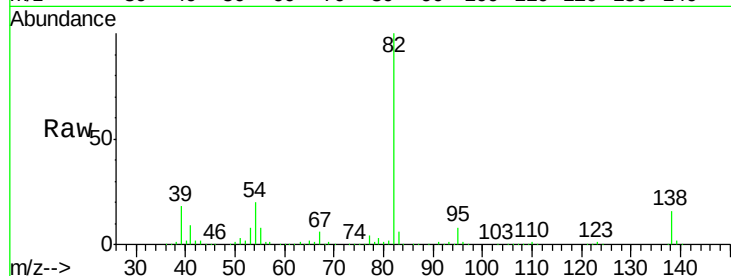
82 100

95 7.7 5.8 8.6

138 16.2 10.7 16.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.27 ng m

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

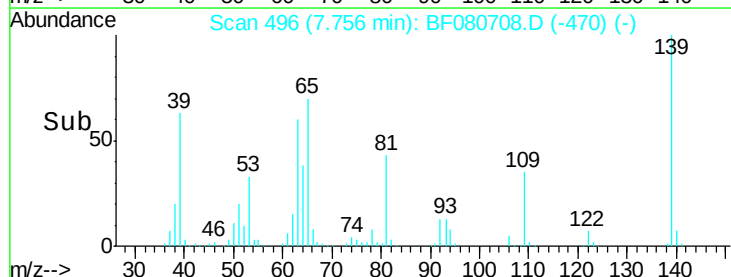
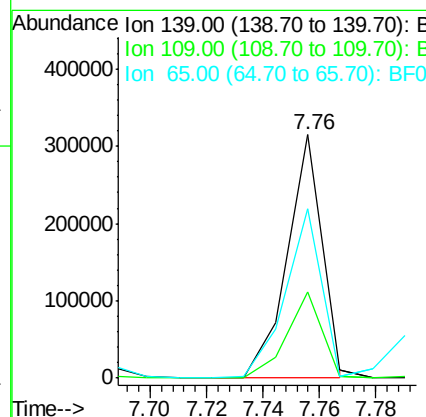
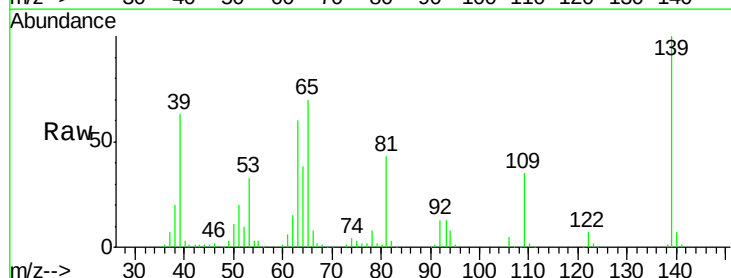
Tgt Ion: 139 Resp: 273515

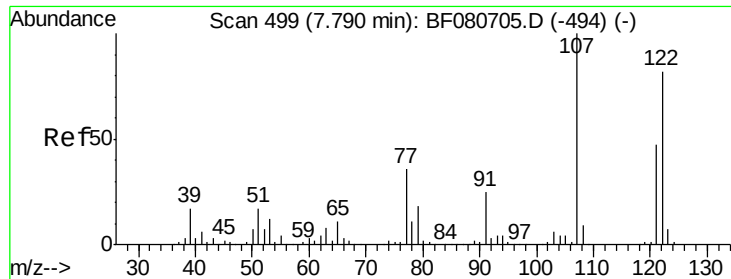
Ion Ratio Lower Upper

139 100

109 35.5 26.5 39.7

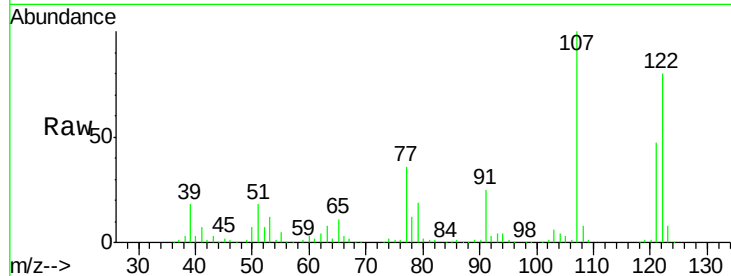
65 69.6 49.8 74.8





#27
 2,4-Dimethylphenol
 Concen: 36.03 ng m
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

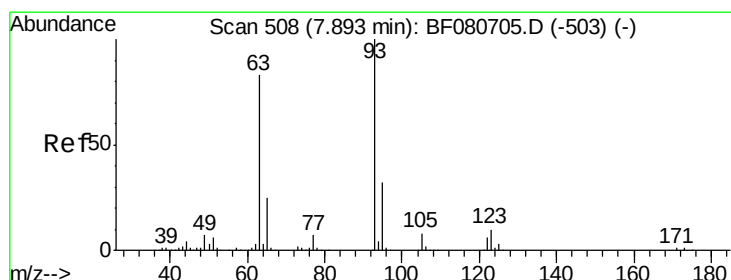
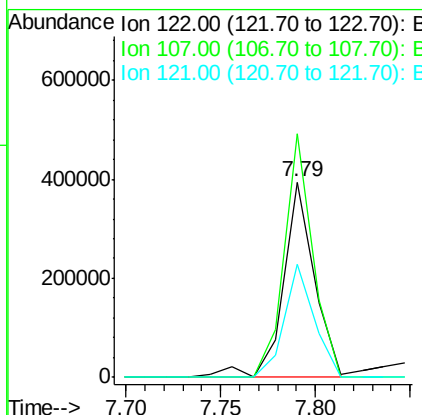
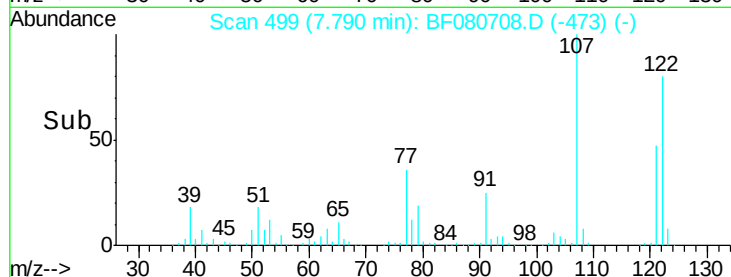
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	448622		
107	124.9	98.1	147.1	
121	58.3	45.8	68.8	

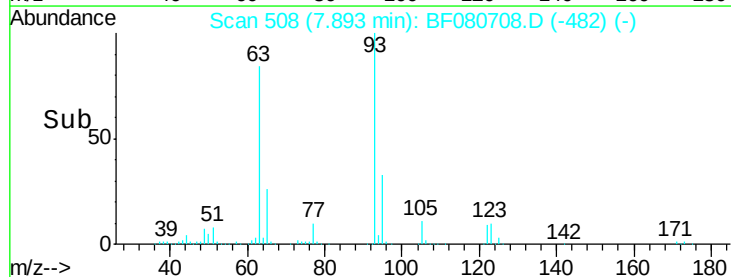
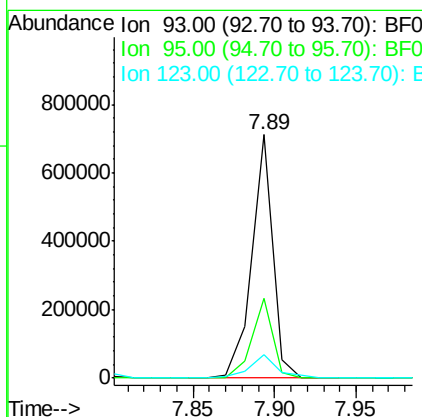
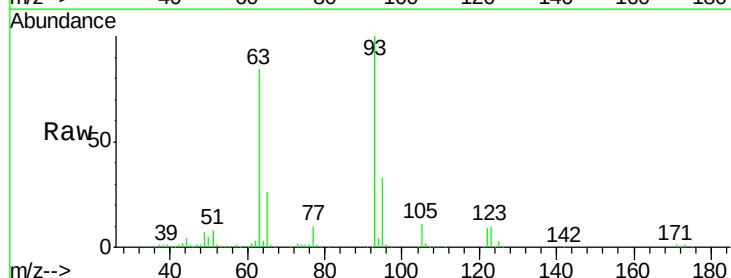
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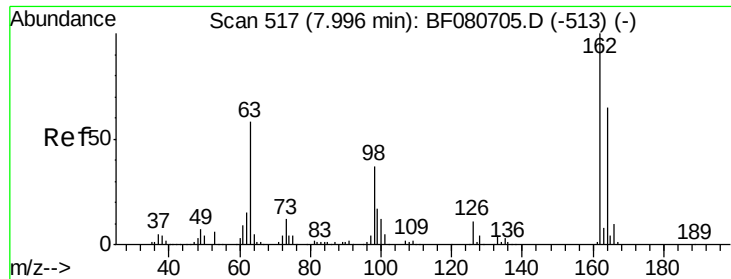
MMDadoda
 7/31/2015 11:22:21 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.03 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	635803		
95	32.7	26.0	39.0	
123	9.8	8.2	12.4	





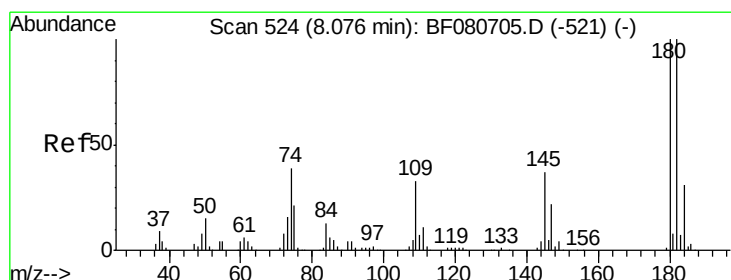
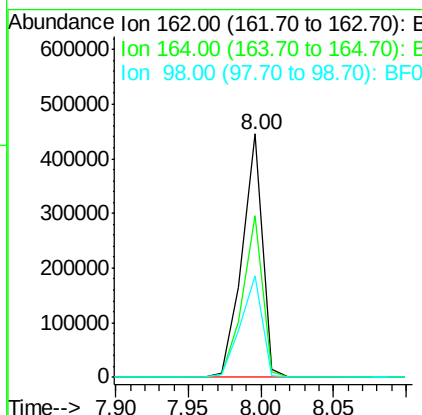
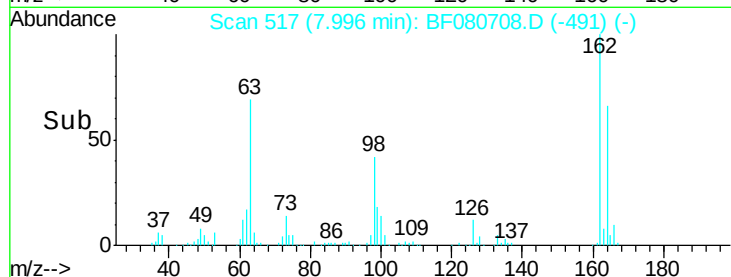
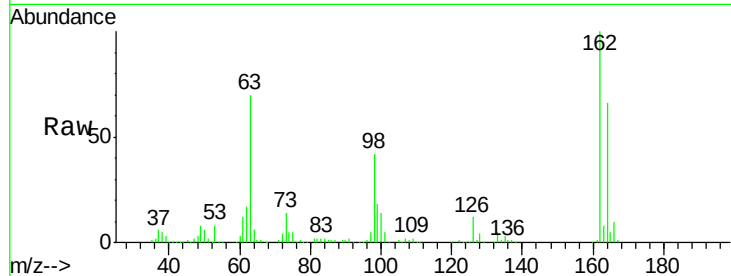
#29
2,4-Dichlorophenol
Concen: 39.36 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	435558		
164	66.5	45.1	85.1	
98	41.6	17.0	57.0	

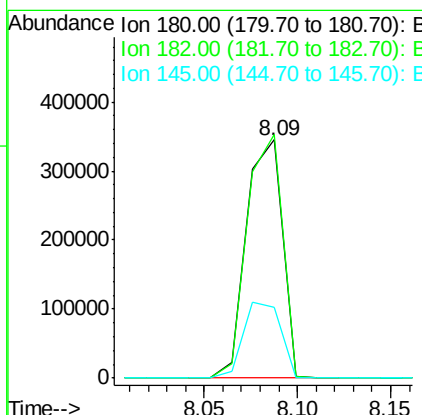
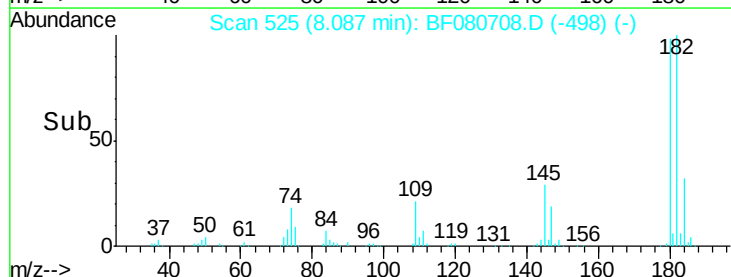
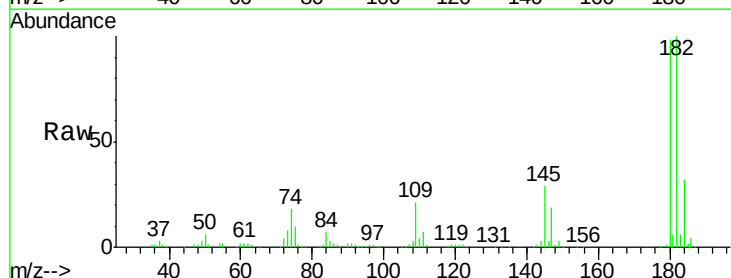
Manual Integrations
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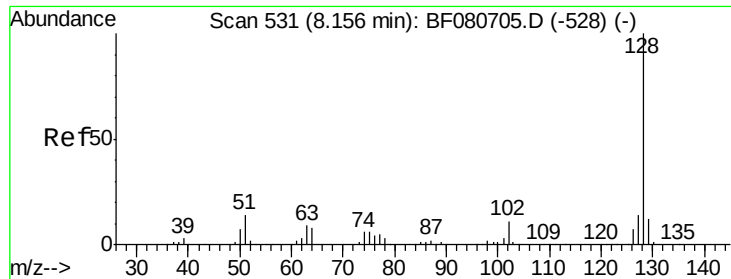
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 38.25 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.01 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	461648		
182	102.2	79.8	119.8	
145	29.5	29.8	44.6	





#31

Naphthalene

Concen: 38.04 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

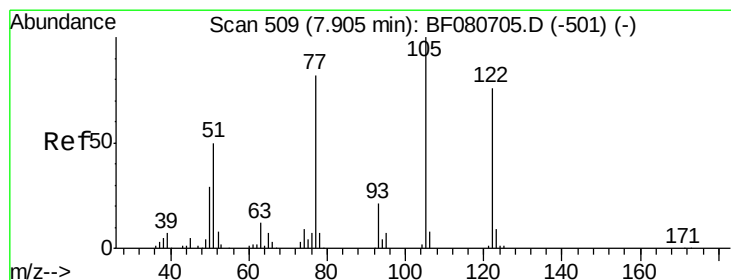
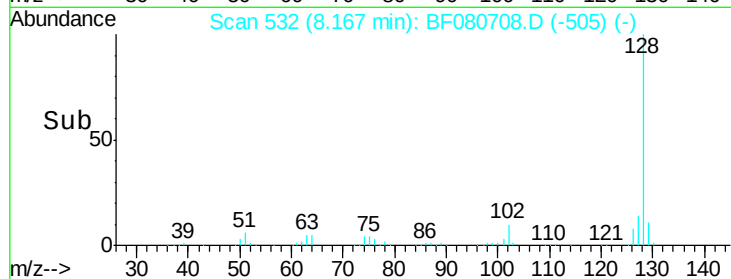
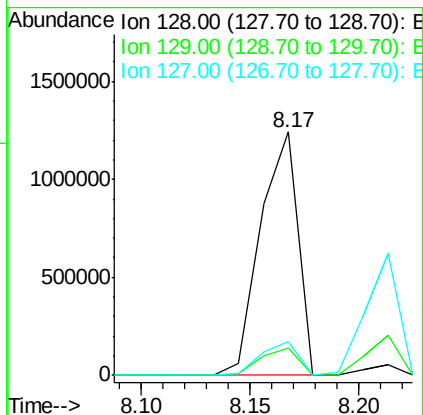
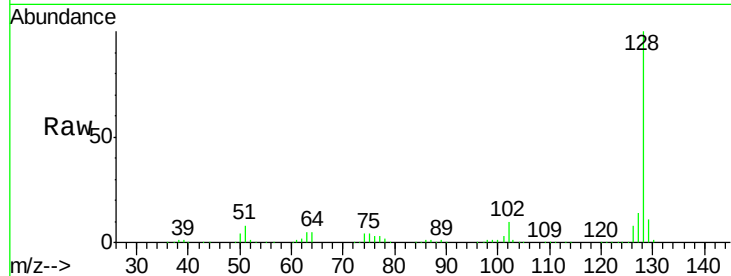
ClientSampleId :

ICVBF073015

Tgt Ion:	128	Resp:	1498415
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.5	14.3
127	13.6	11.0	16.6

Manual Integrations
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7/31/2015 11:22:21 AM



#32

Benzoic acid

Concen: 40.42 ng m

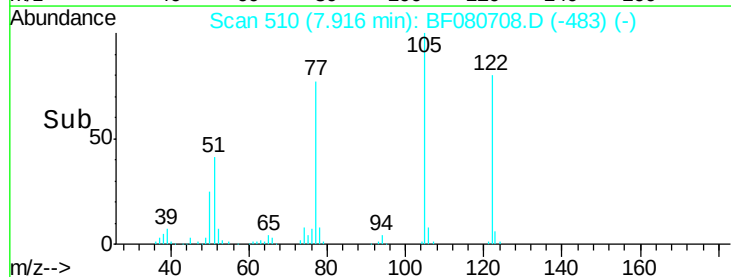
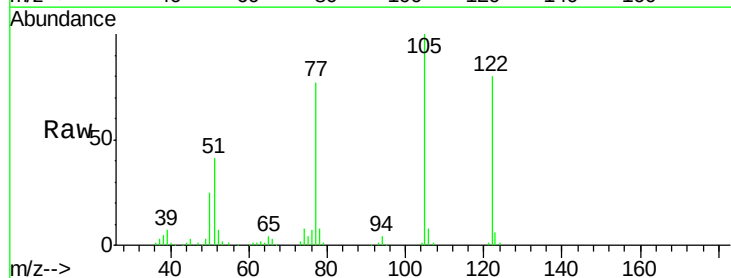
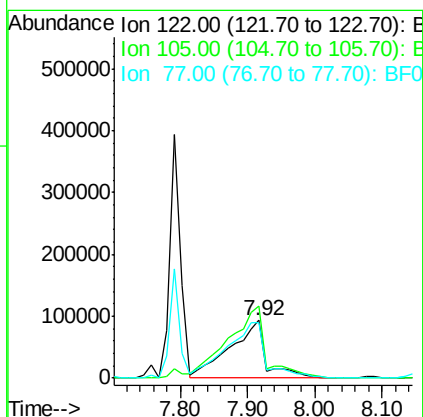
RT: 7.92 min Scan# 510

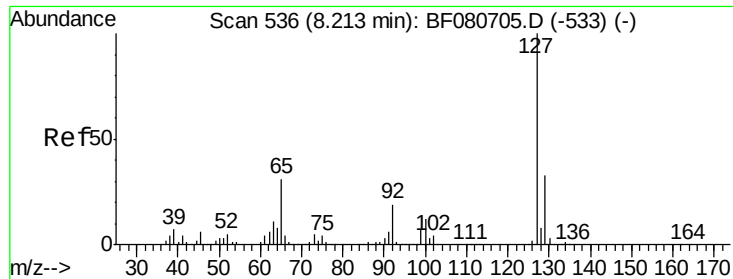
Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:	122	Resp:	352459
Ion	Ratio	Lower	Upper
122	100		
105	125.6	111.3	151.3
77	96.7	88.1	128.1





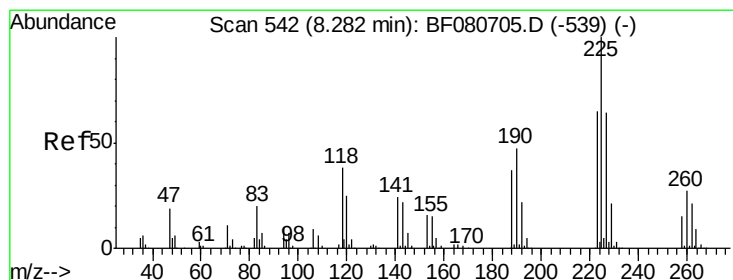
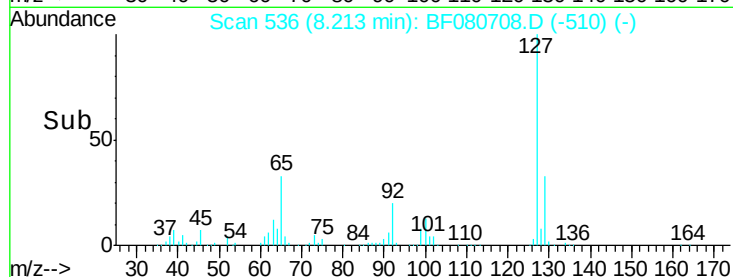
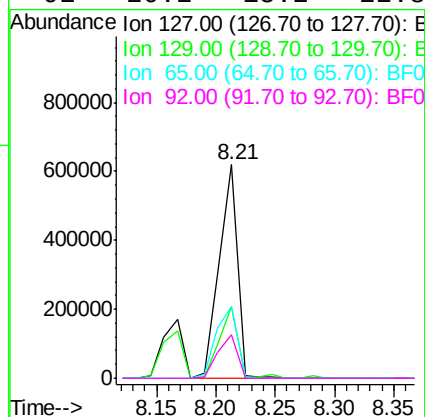
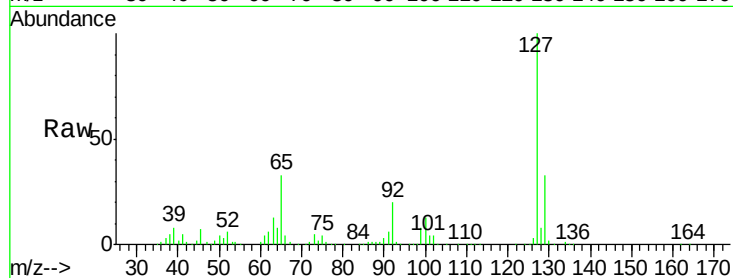
#33
4-Chloroaniline
Concen: 39.21 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	651709		
129	33.5	26.7	40.1	
65	33.3	24.5	36.7	
92	20.2	15.2	22.8	

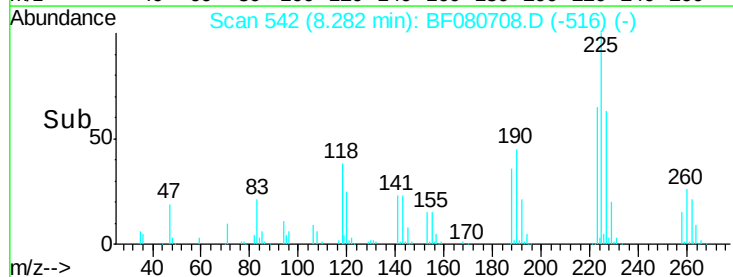
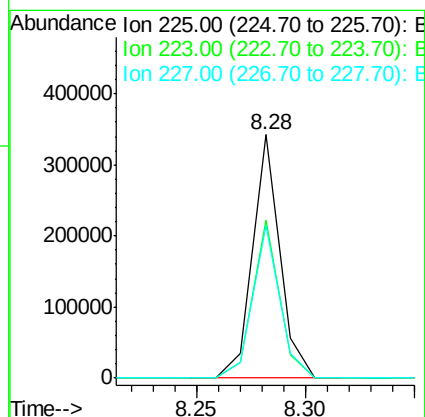
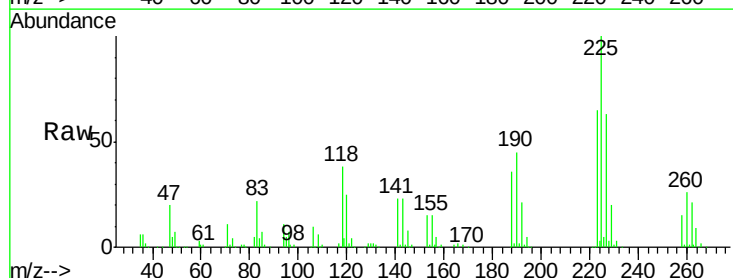
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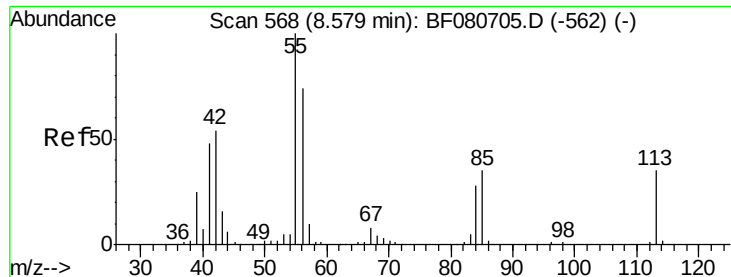
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7/31/2015 11:22:21 AM



#34
Hexachlorobutadiene
Concen: 38.06 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	296537		
223	64.8	51.7	77.5	
227	62.6	51.0	76.4	





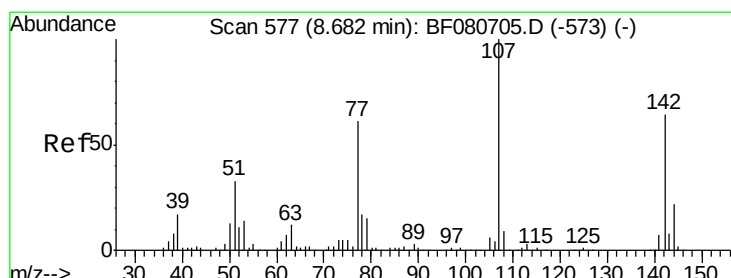
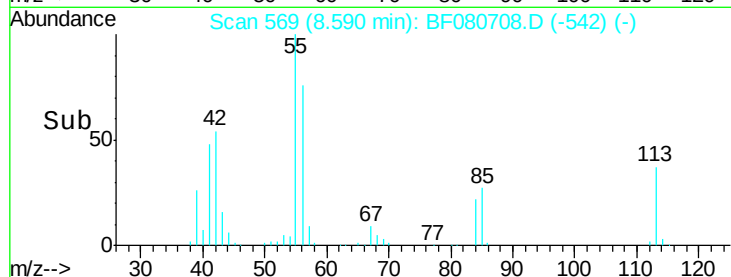
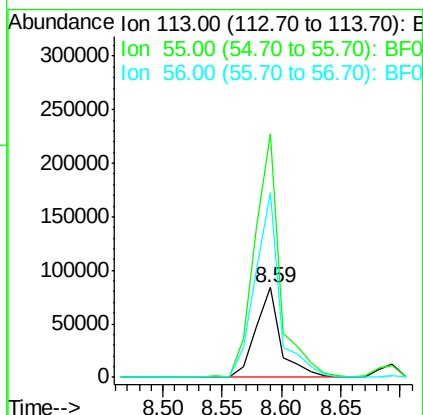
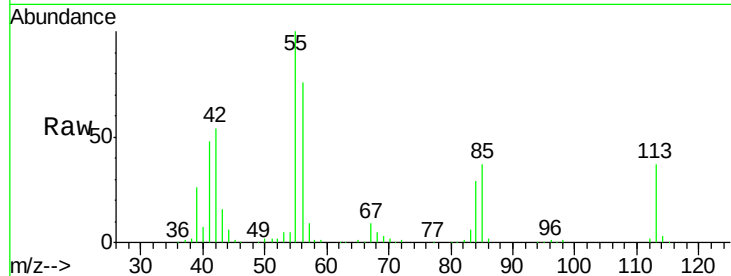
#35
 Caprolactam
 Concen: 36.86 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	271.6	269.3	309.3	
56	205.5	193.3	233.3	

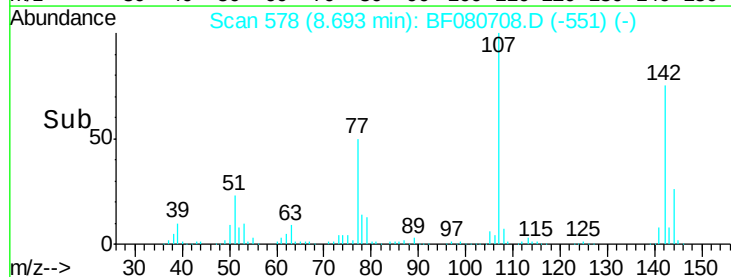
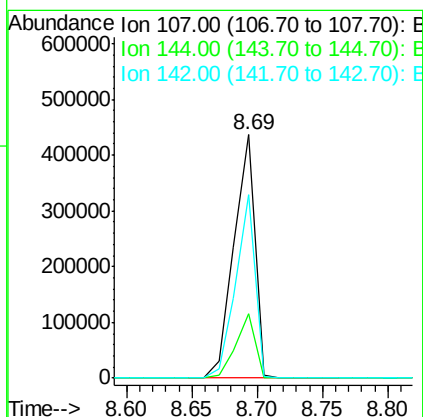
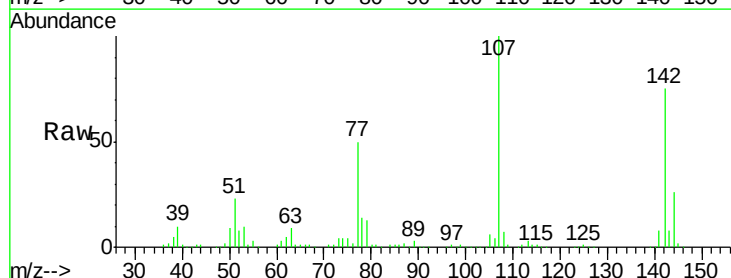
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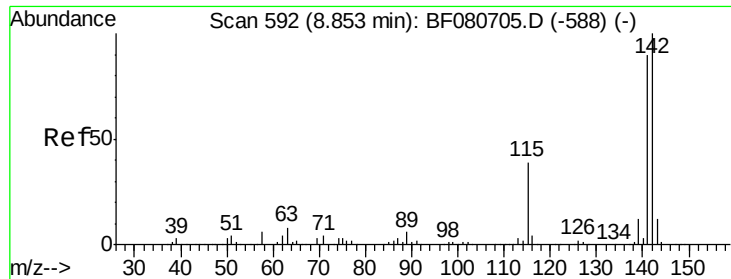
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 7/31/2015 11:22:21 AM



#36
 4-Chloro-3-methylphenol
 Concen: 40.70 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.2	17.2	25.8#	
142	75.5	51.2	76.8	





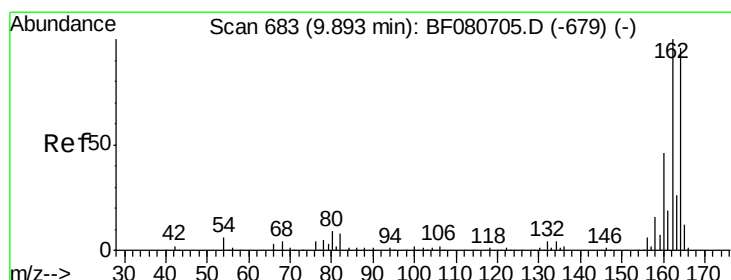
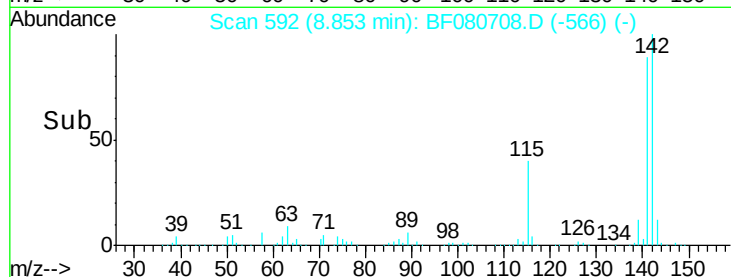
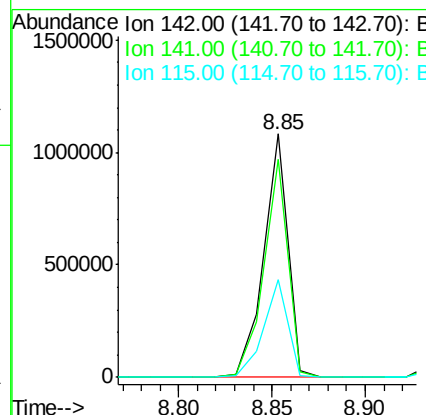
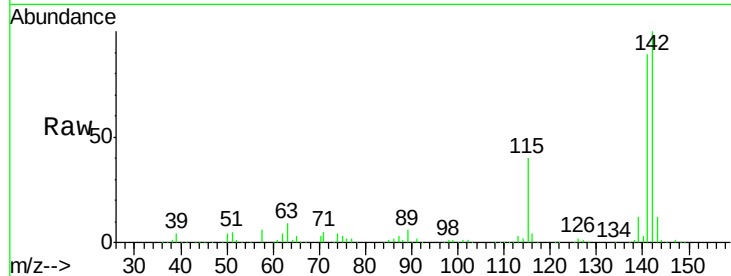
#37
 2-Methylnaphthalene
 Concen: 38.95 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	963131		
141	89.4	71.9	107.9	
115	40.3	31.4	47.2	

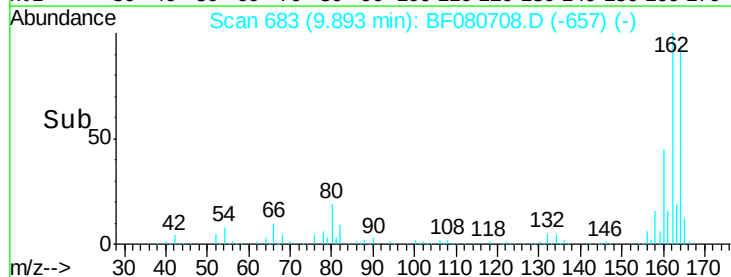
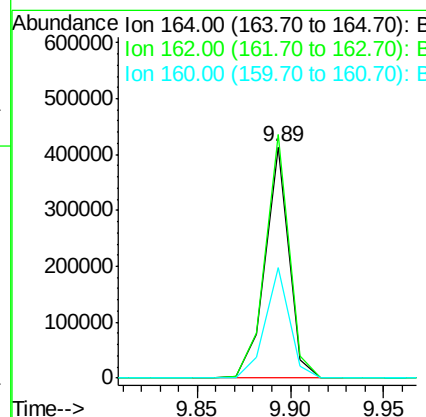
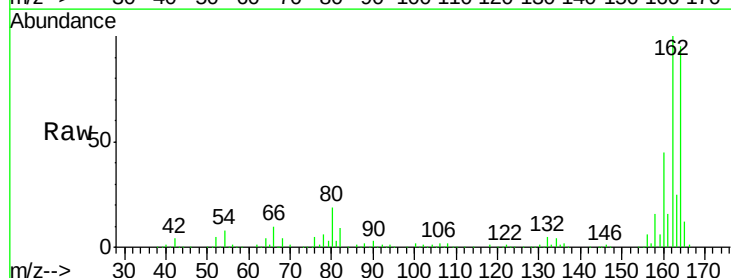
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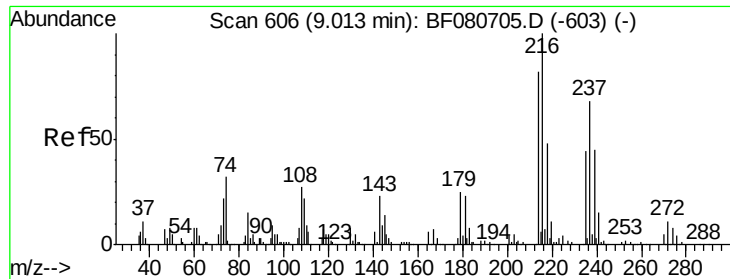
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 7/31/2015 11:22:21 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	361897		
162	105.2	83.4	125.0	
160	47.7	38.0	57.0	





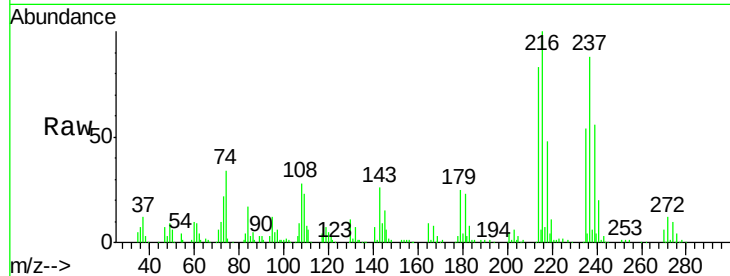
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.12 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

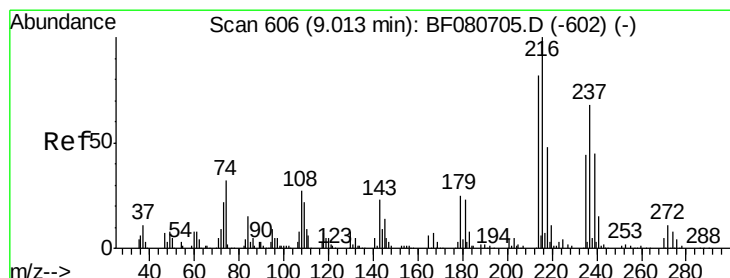
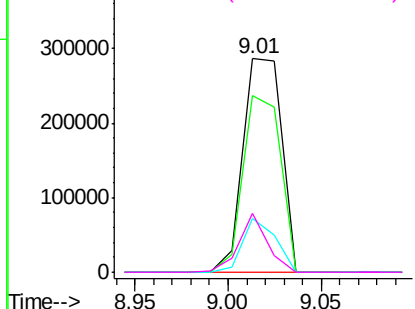
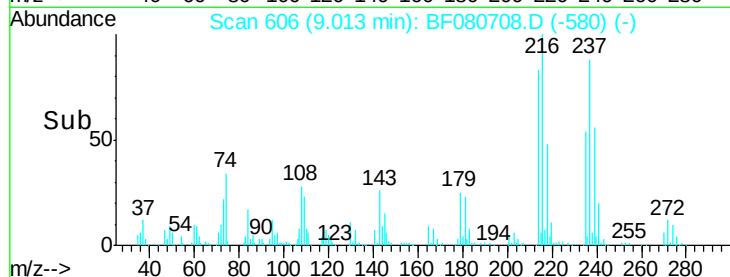
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	410554		
214	80.6	63.1	94.7	
179	21.6	16.9	25.3	
108	20.2	17.0	25.6	

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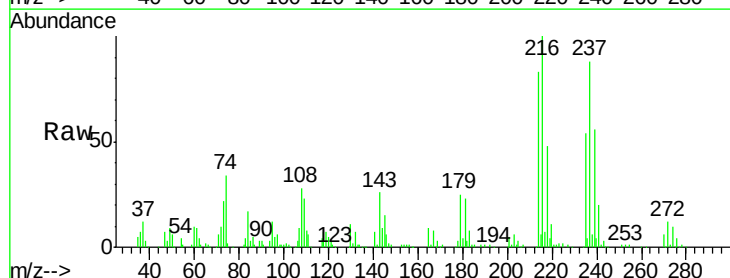


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

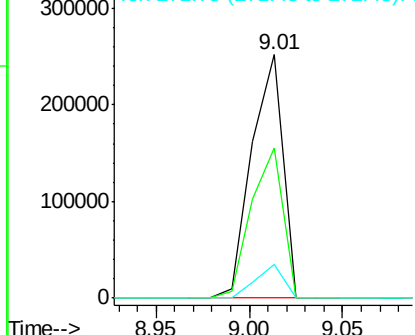
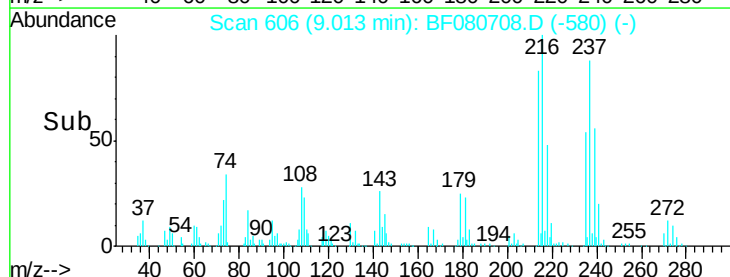


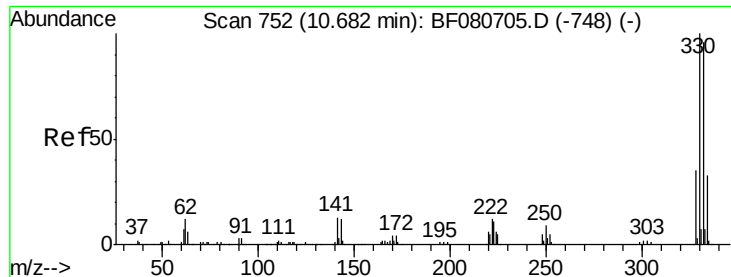
#40
Hexachlorocyclopentadiene
Concen: 41.66 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	291289		
235	61.6	44.3	84.3	
272	13.9	0.0	35.5	



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





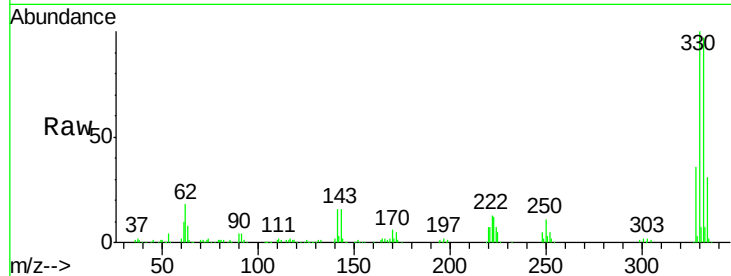
#41
 2,4,6-Tribromophenol
 Concen: 90.76 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

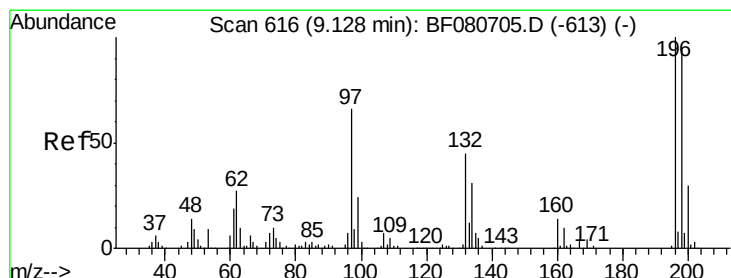
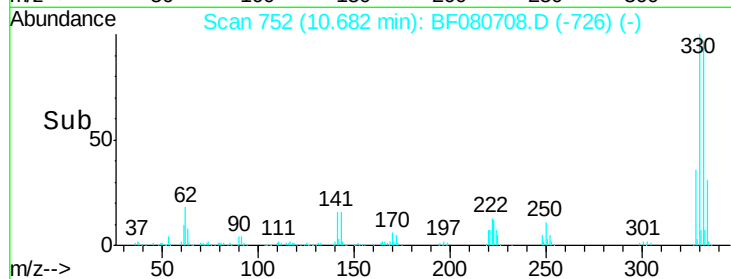
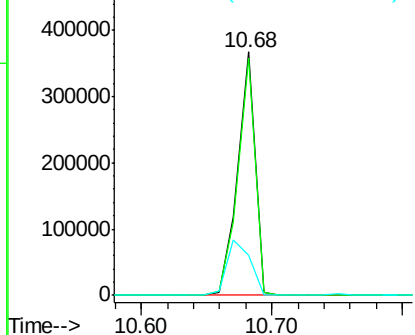
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	340818		
332	96.4	76.6	114.8	
141	30.3	26.0	39.0	

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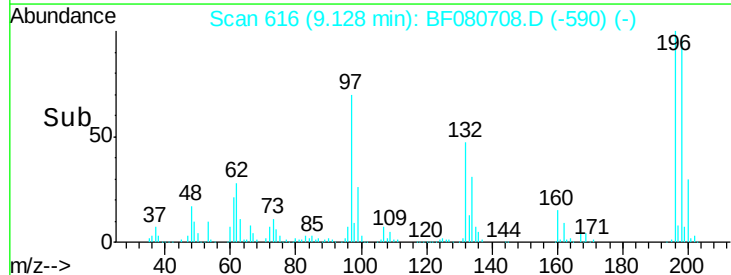
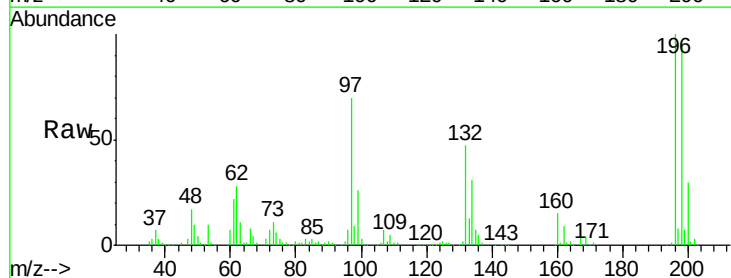
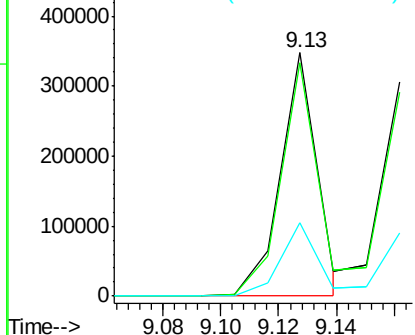
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

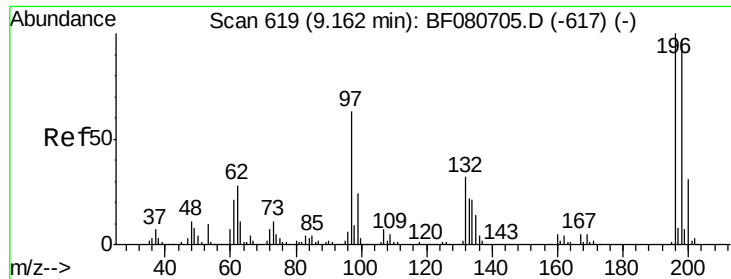


#42
 2,4,6-Trichlorophenol
 Concen: 39.16 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	309613		
198	95.9	75.8	113.8	
200	30.3	24.2	36.2	

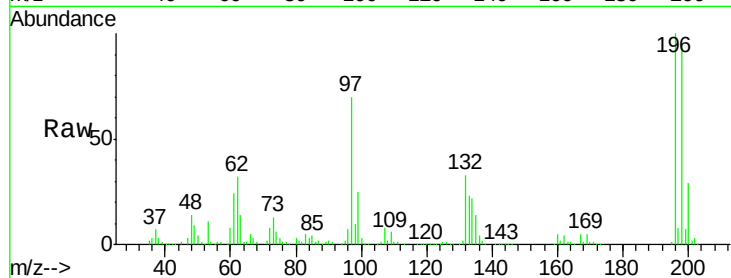
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 38.79 ng m
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

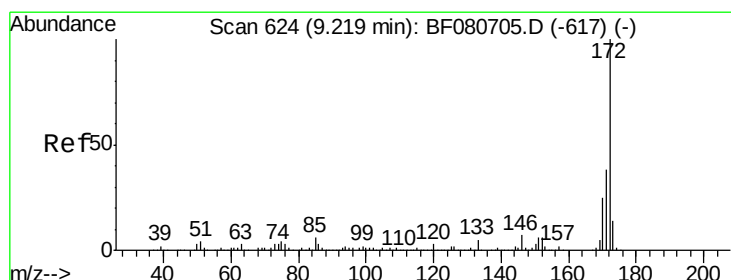
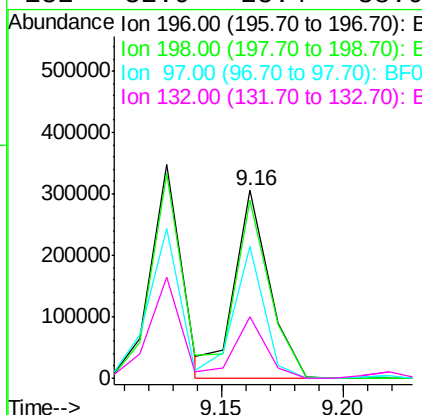
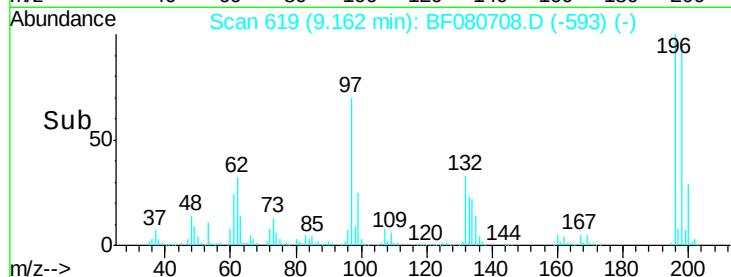
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304180		
198	94.9	77.8	116.8	
97	70.1	49.0	73.4	
132	32.9	25.4	38.0	

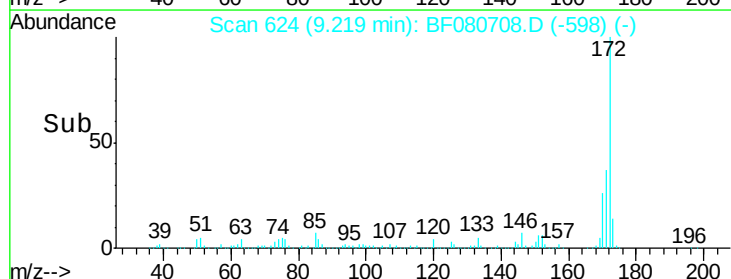
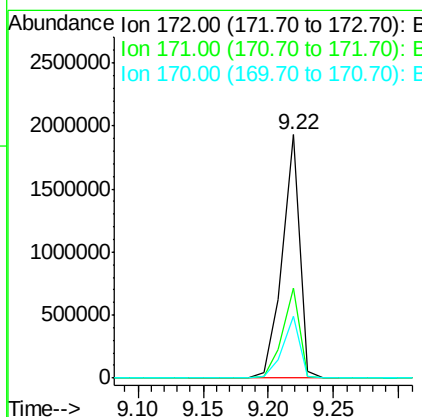
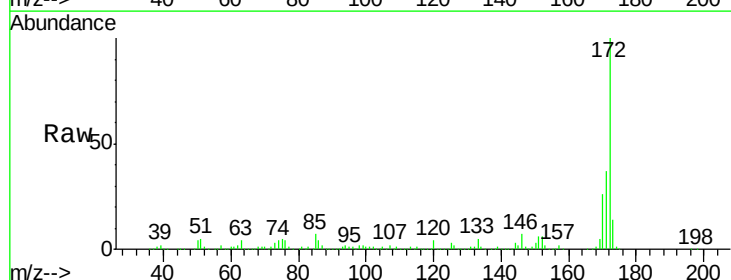
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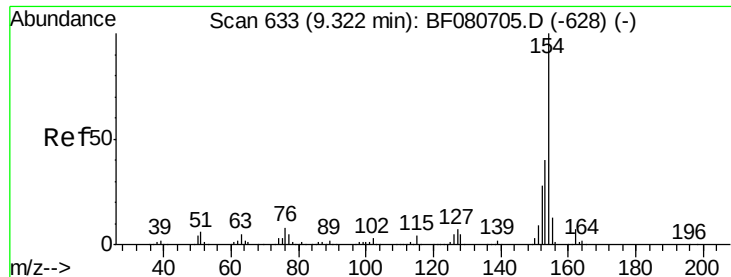
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 7/31/2015 11:22:21 AM



#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1823386		
171	37.0	30.2	45.4	
170	25.5	20.2	30.2	





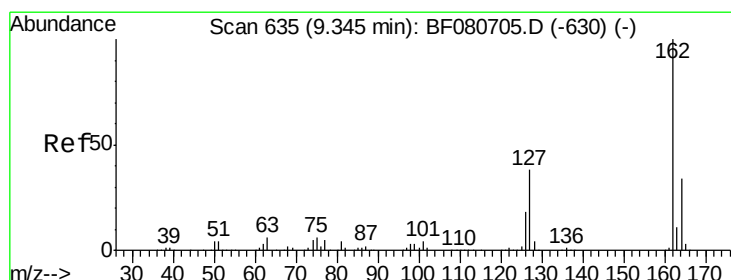
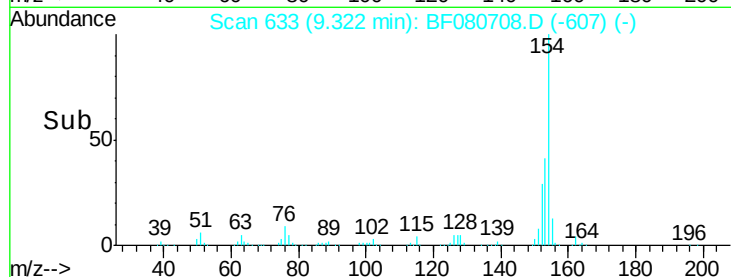
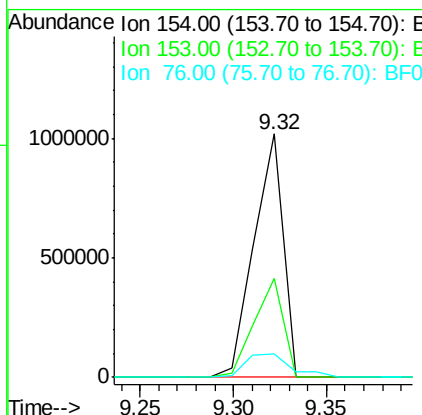
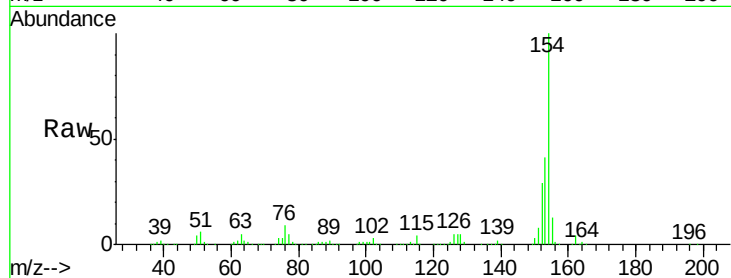
#45
 1,1'-Biphenyl
 Concen: 39.56 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.9	59.9
76	9.4	0.0	28.3

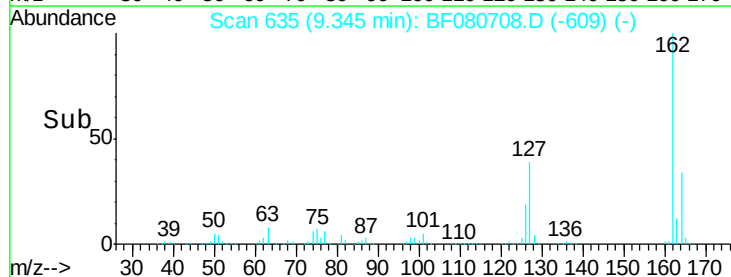
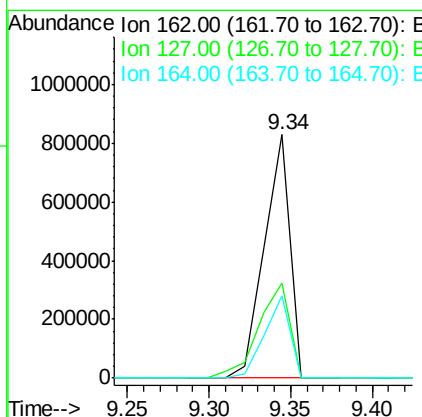
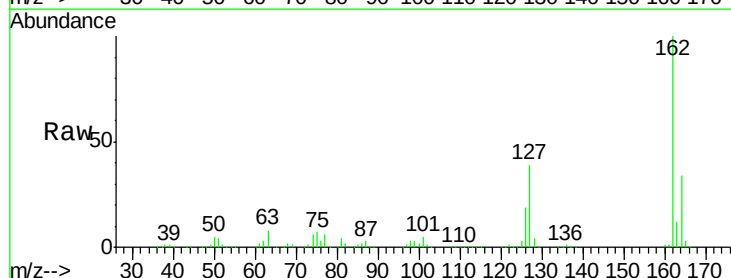
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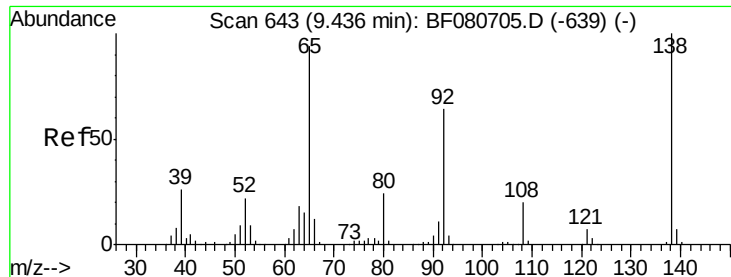
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 7/31/2015 11:22:21 AM



#46
 2-Chloronaphthalene
 Concen: 39.94 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.2	45.4
164	33.8	27.1	40.7





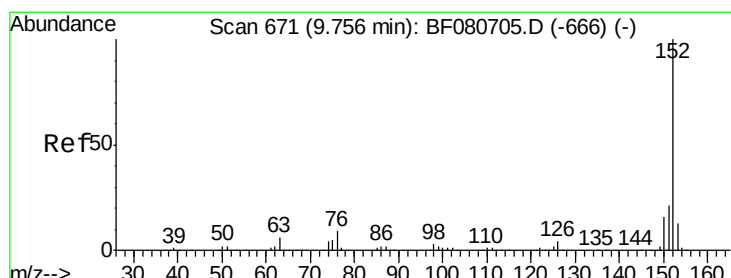
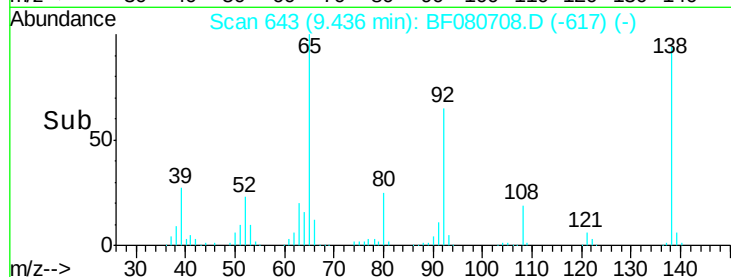
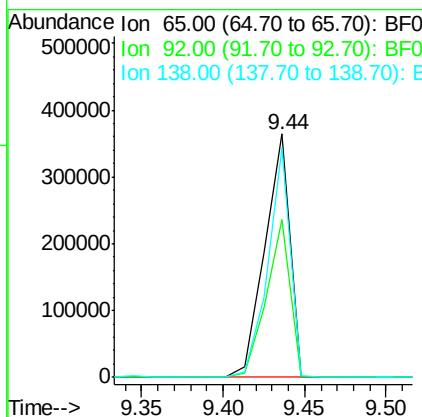
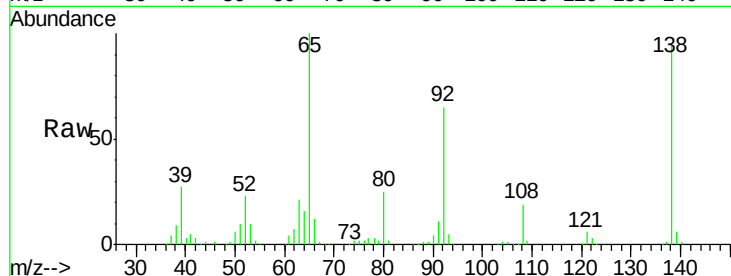
#47
2-Nitroaniline
Concen: 44.14 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	54.9	82.3
138	94.1	85.1	127.7

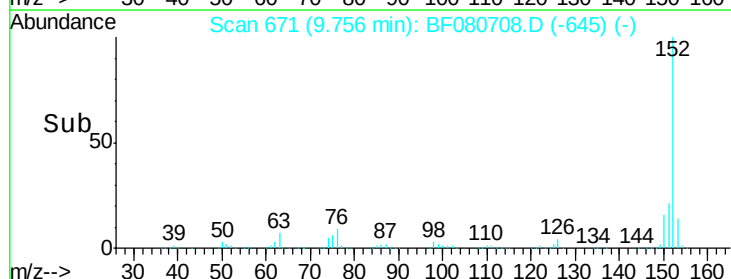
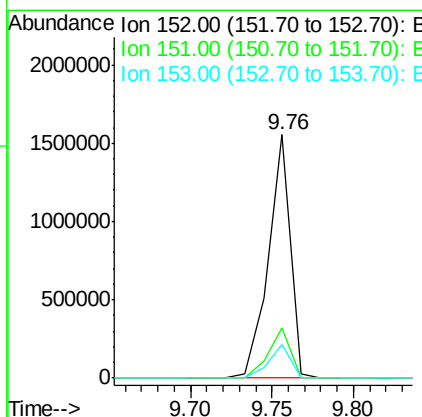
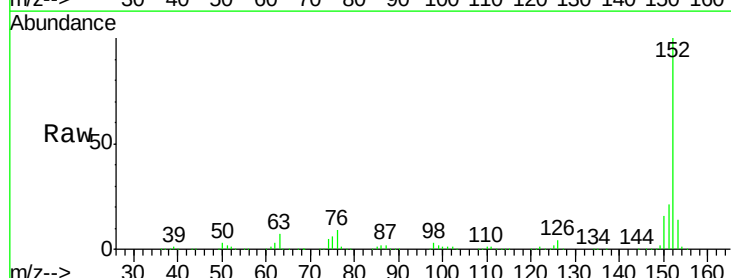
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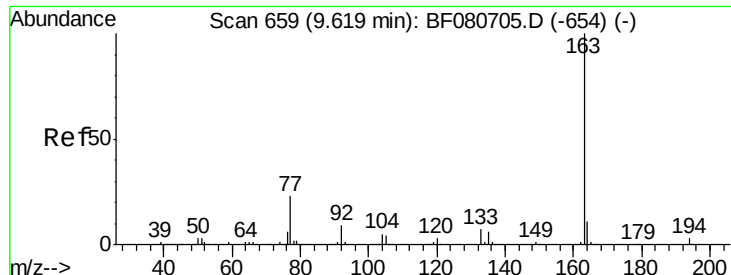
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#48
Acenaphthylene
Concen: 40.28 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.7	10.8	16.2





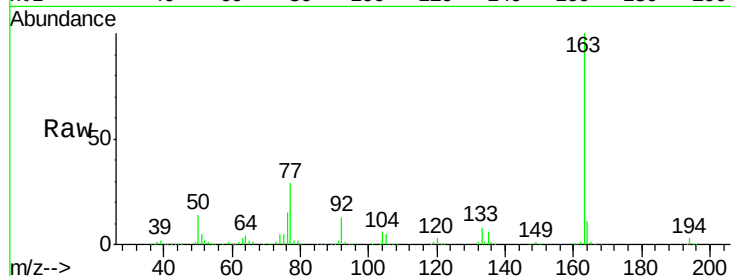
#49
Dimethylphthalate
Concen: 34.89 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

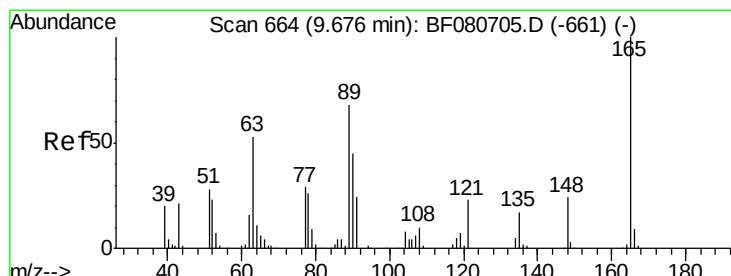
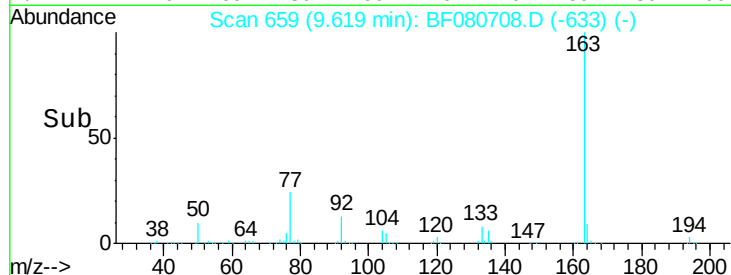
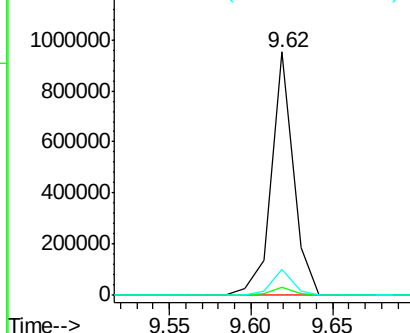
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	889900		
194	3.3	2.7	4.1	
164	10.7	8.7	13.1	

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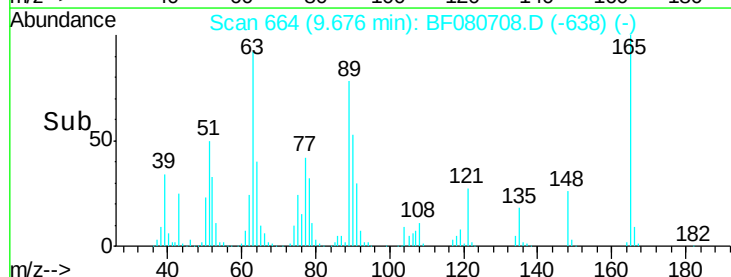
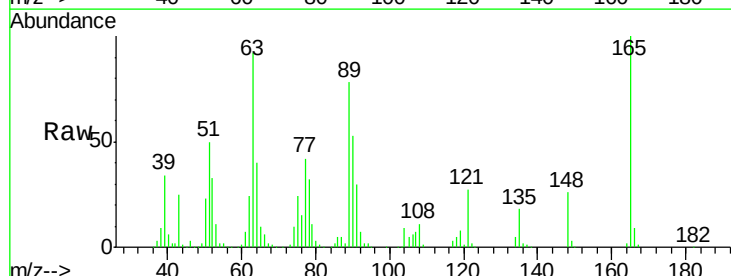
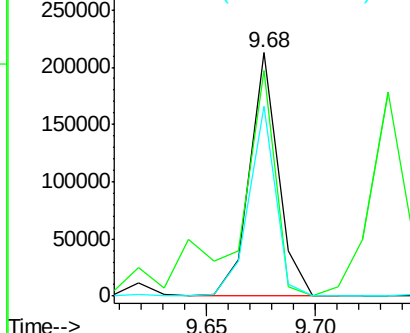
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

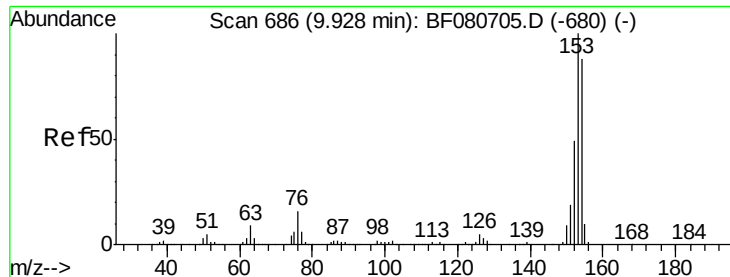


#50
2,6-Dinitrotoluene
Concen: 36.07 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195218		
63	92.4	62.3	93.5	
89	77.9	54.8	82.2	

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





#51

Acenaphthene

Concen: 39.13 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080708.D

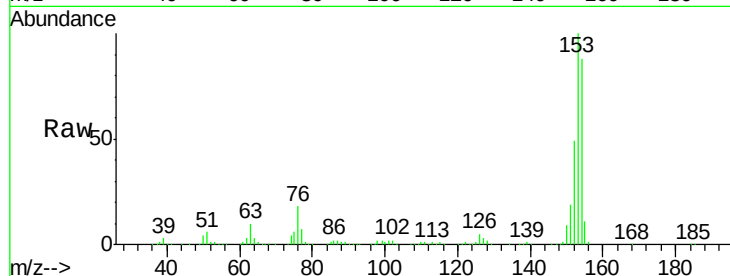
Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015



Tgt Ion:154 Resp: 860338

Ion Ratio Lower Upper

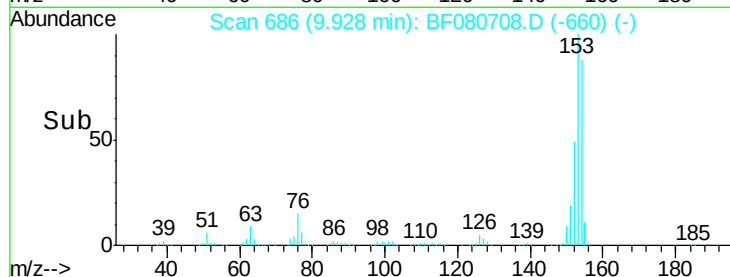
154 100

153 113.9 90.7 136.1

152 56.2 44.2 66.4

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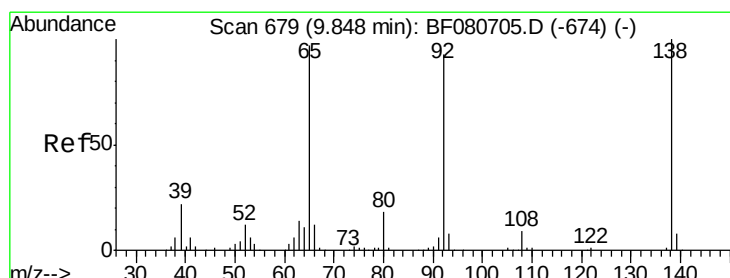
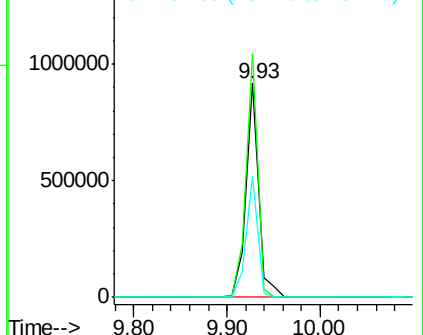
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.86 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

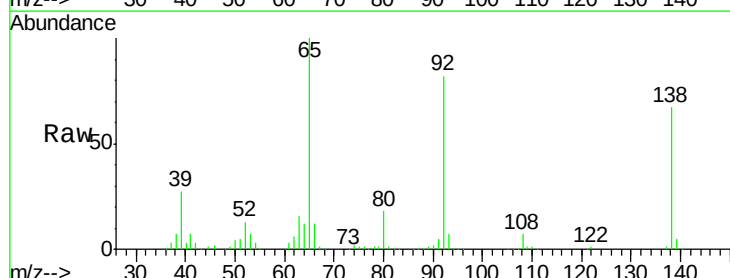
Tgt Ion:138 Resp: 273955

Ion Ratio Lower Upper

138 100

108 10.4 6.9 10.3#

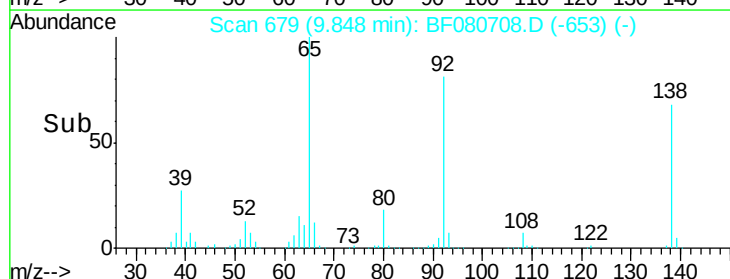
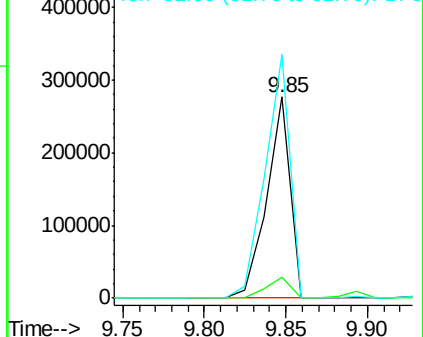
92 121.2 74.1 111.1#

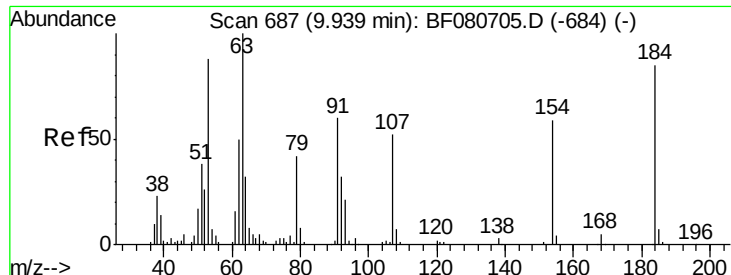


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





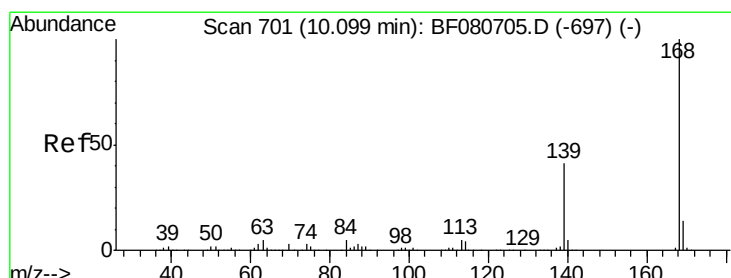
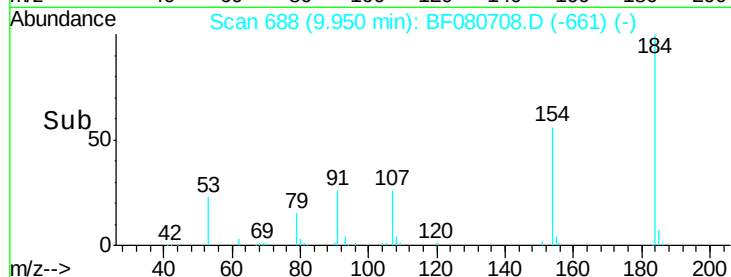
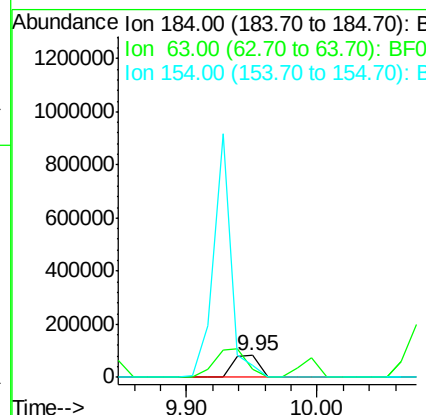
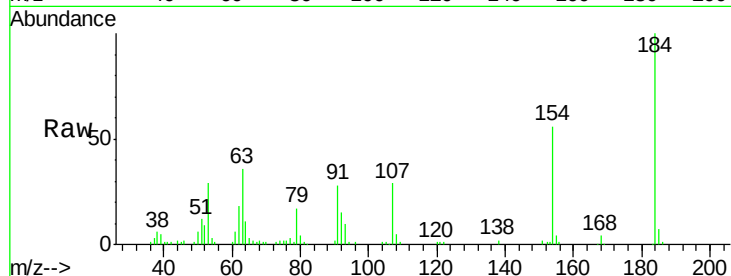
#53
2,4-Dinitrophenol
Concen: 39.40 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	113575		
63	35.6	96.0	144.0#	
154	56.3	66.0	99.0#	

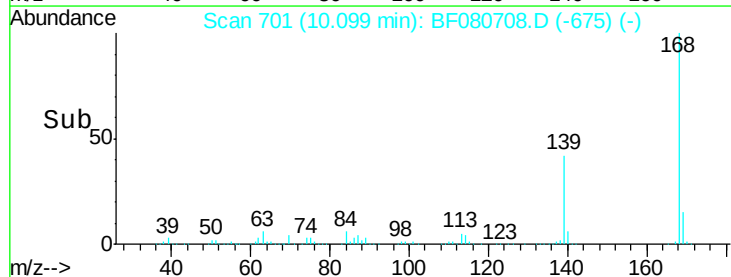
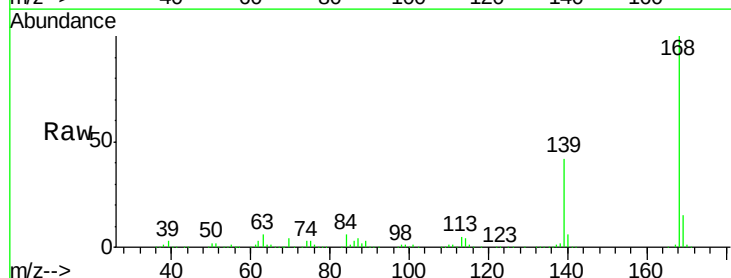
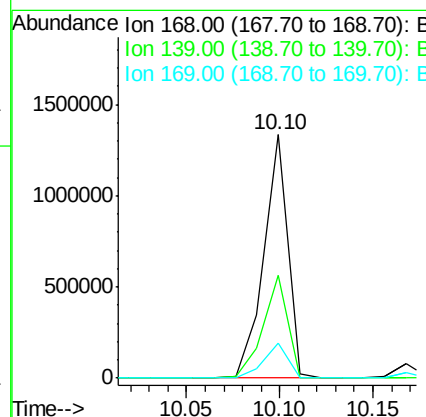
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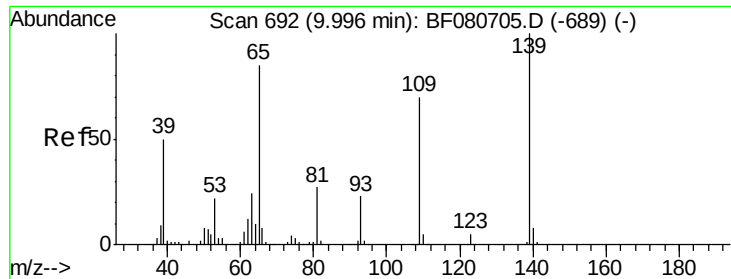
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#54
Dibenzofuran
Concen: 40.05 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1177650		
139	42.1	33.0	49.6	
169	14.6	11.4	17.2	





#55

4-Nitrophenol

Concen: 44.23 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080708.D

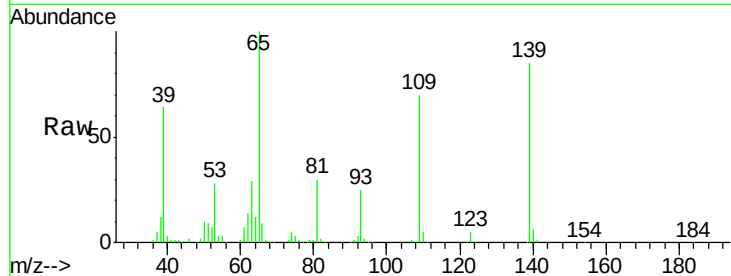
Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015



Tgt Ion:139 Resp: 203524

Ion Ratio Lower Upper

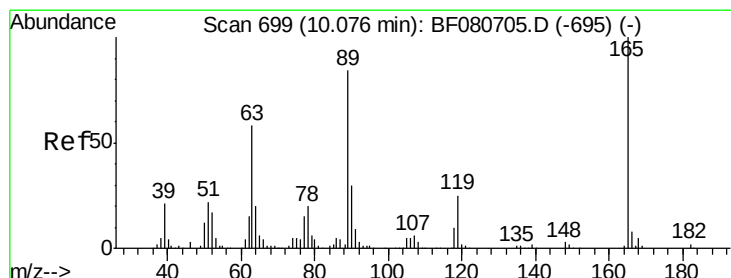
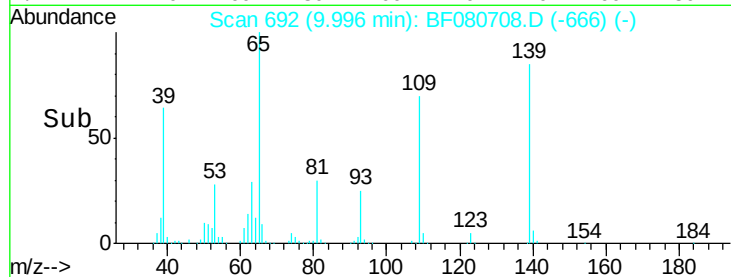
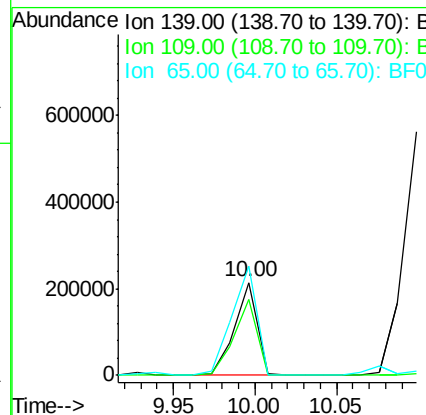
139 100

109 81.6 50.4 90.4

65 117.4 66.1 106.1#

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7/31/2015 11:22:21 AM



#56

2,4-Dinitrotoluene

Concen: 37.34 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:165 Resp: 265043

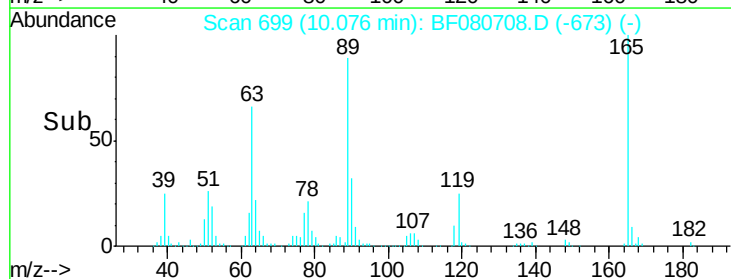
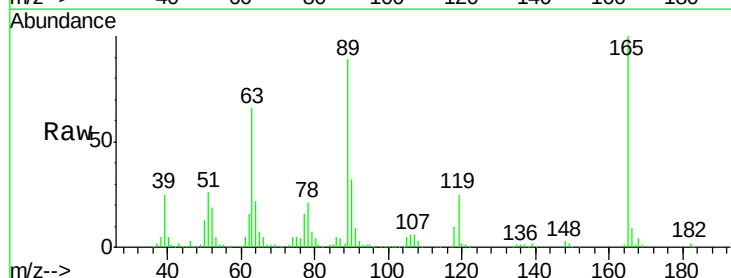
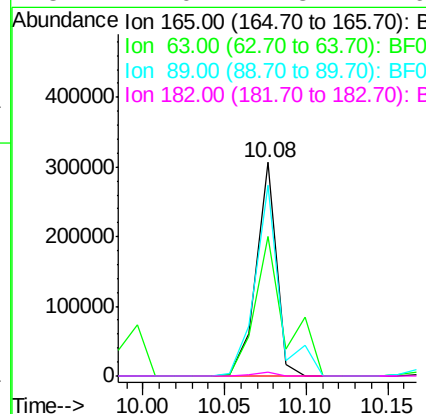
Ion Ratio Lower Upper

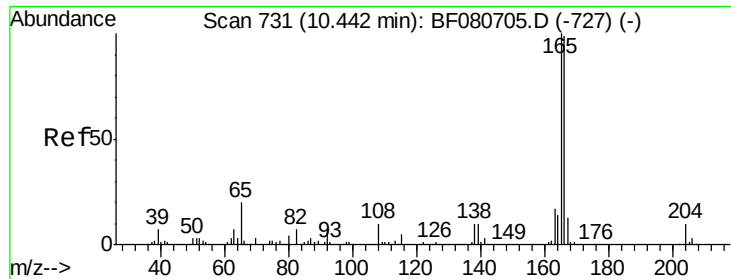
165 100

63 65.6 46.7 70.1

89 89.2 67.4 101.2

182 2.0 1.8 2.6





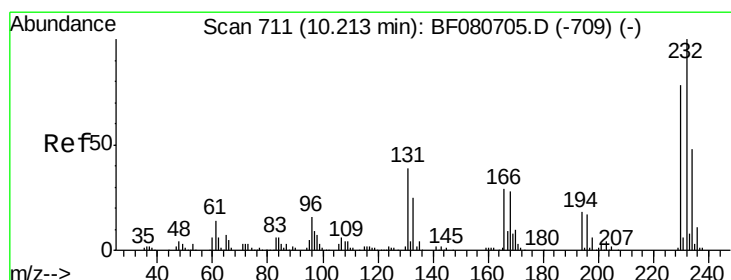
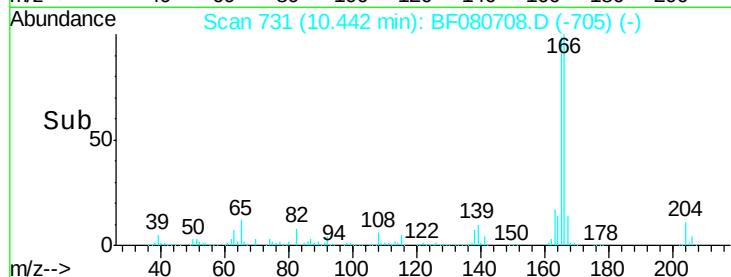
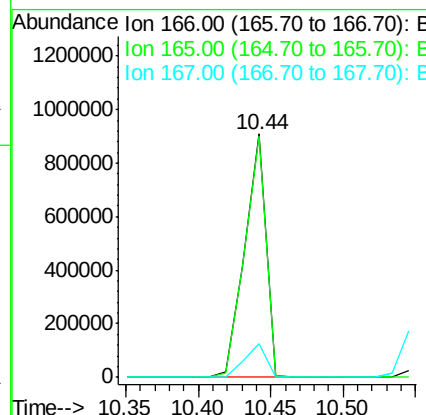
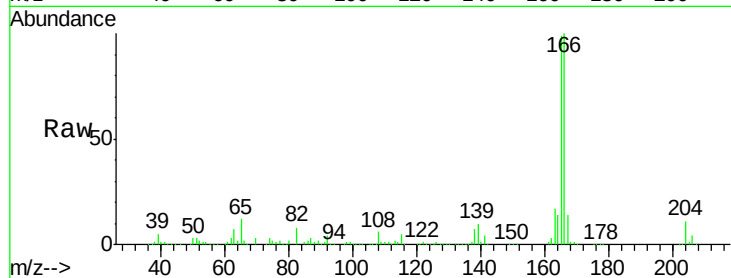
#57
 Fluorene
 Concen: 40.43 ng
 RT: 10.44 min Scan# 731
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	922675		
165	98.9	81.0	121.4	
167	14.0	10.8	16.2	

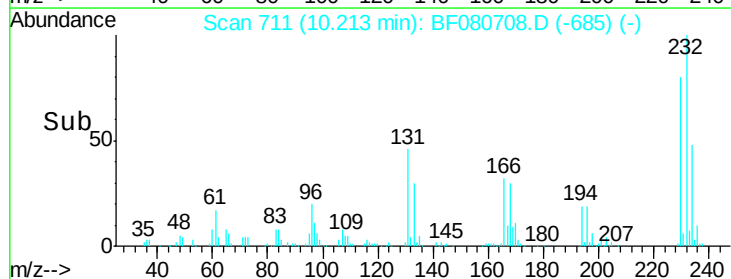
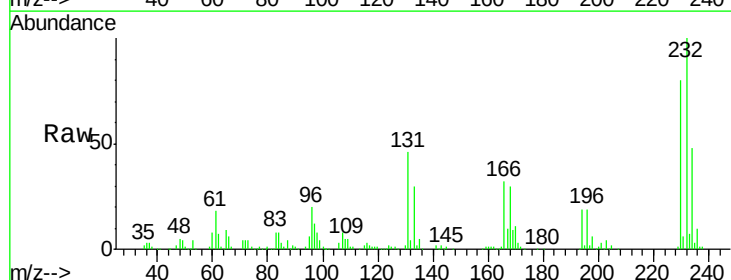
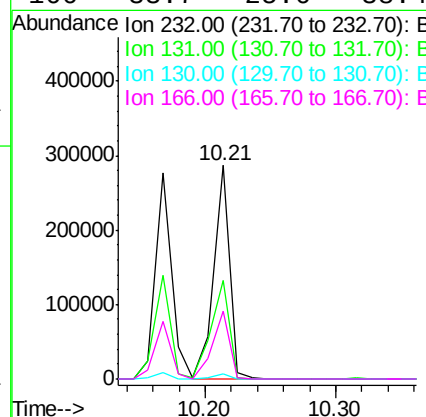
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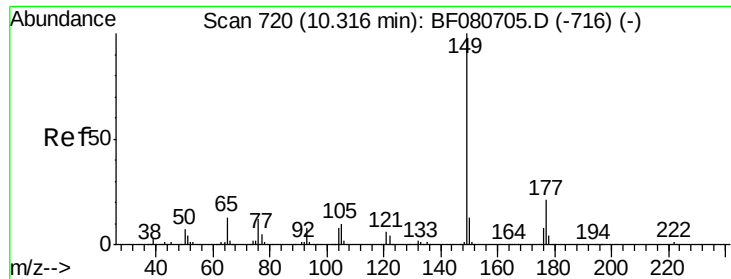
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.46 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	245191		
131	52.5	38.2	57.2	
130	2.6	1.8	2.6	
166	33.7	25.6	38.4	





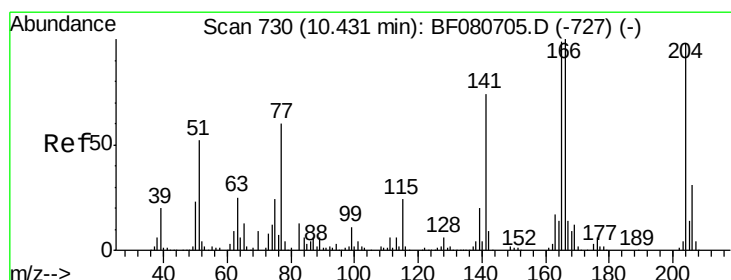
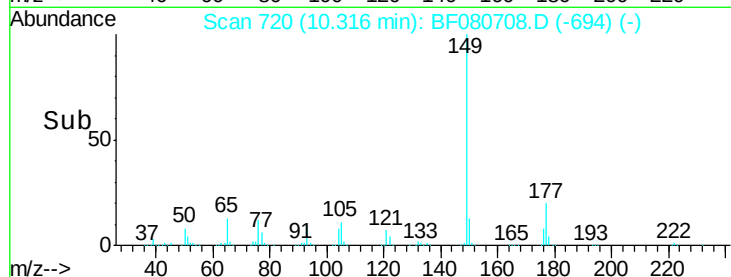
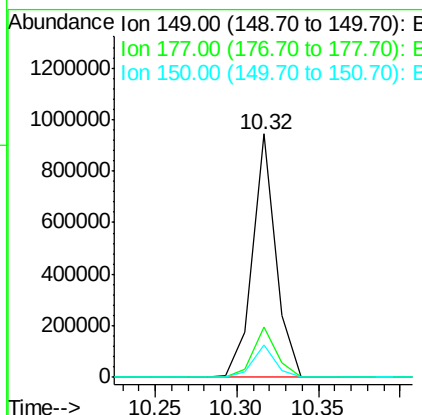
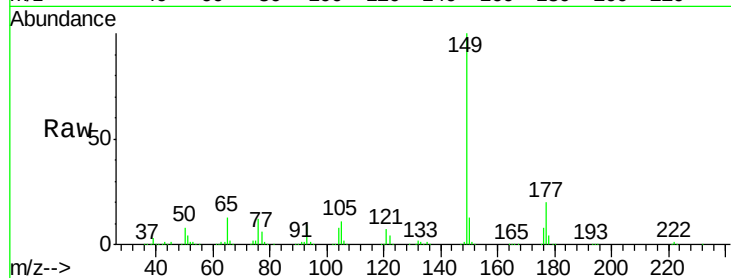
#59
Diethylphthalate
Concen: 38.12 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.6	25.0
150	13.2	10.2	15.4

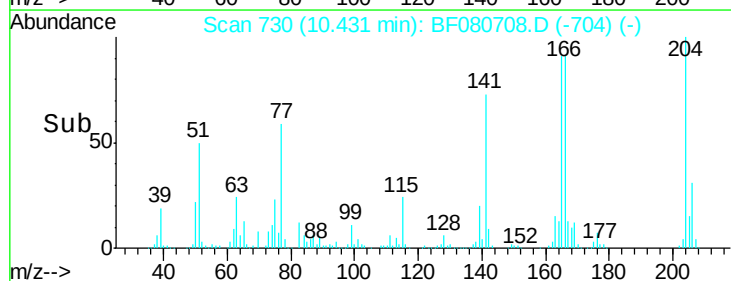
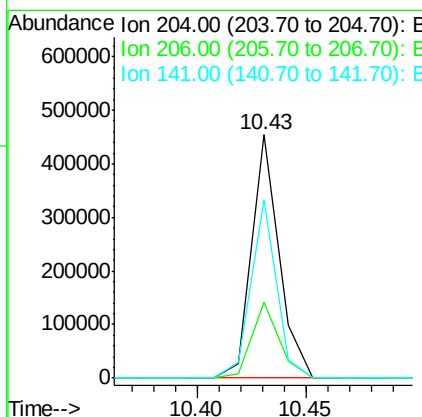
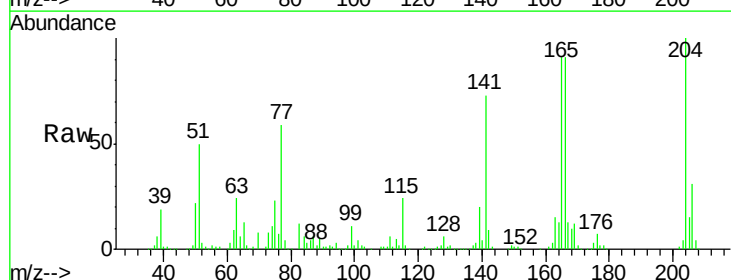
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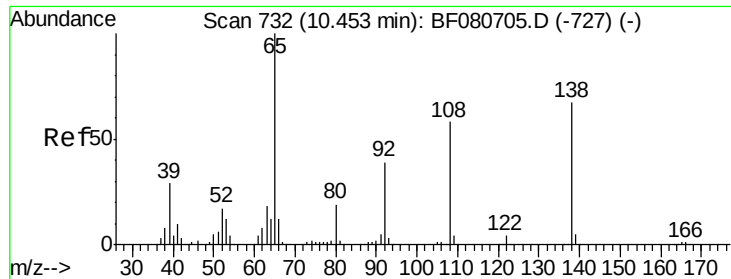
MMDadoda
7/31/2015 11:22:21 AM



#60
4-Chlorophenyl-phenylether
Concen: 40.17 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

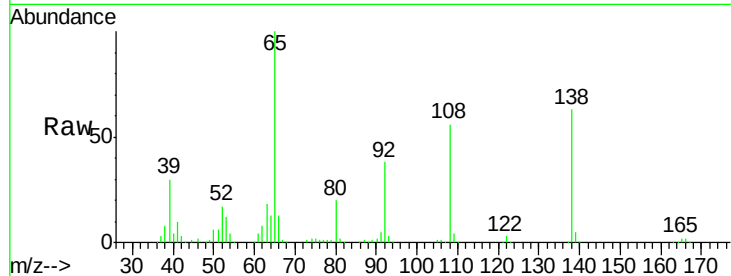
Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.4	25.1	37.7
141	73.1	60.3	90.5





#61
4-Nitroaniline
Concen: 38.02 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

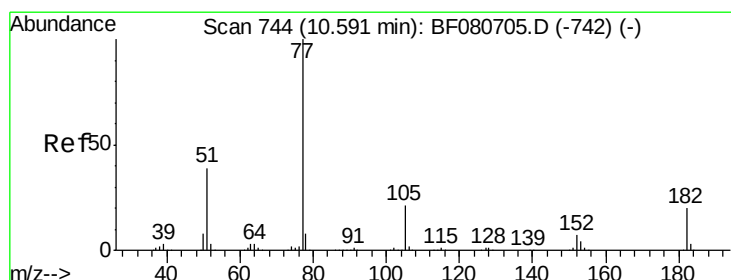
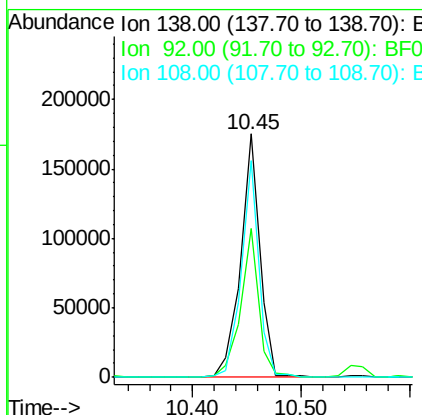
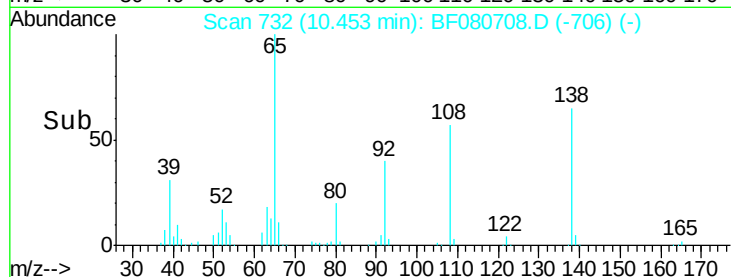
Instrument :
BNA_F
ClientSampleId :
ICVBF073015



Tgt Ion: 138 Resp: 214414
Ion Ratio Lower Upper
138 100
92 61.2 38.2 78.2
108 89.2 66.3 106.3

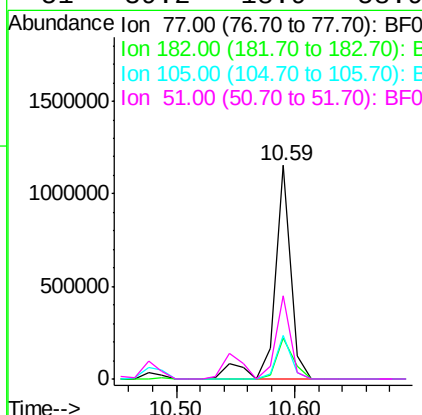
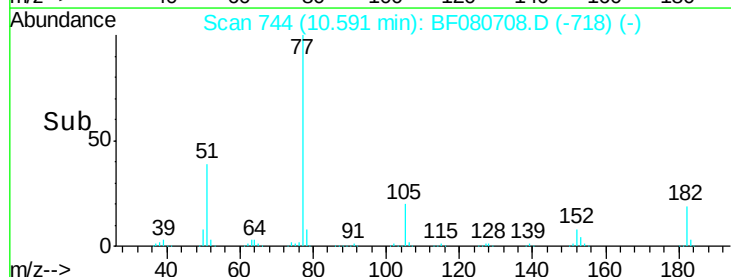
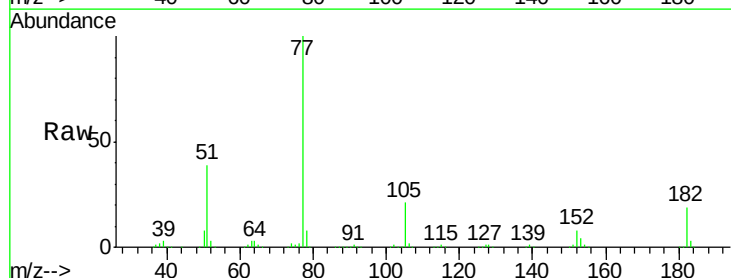
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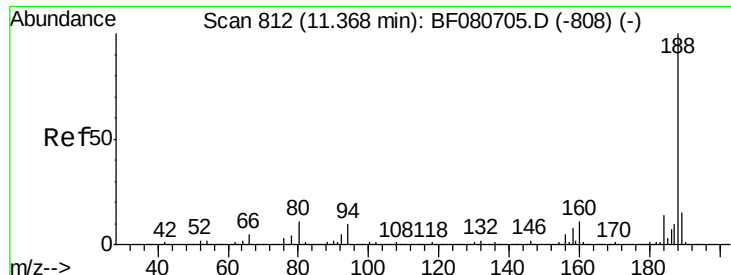
MMDadoda
7/31/2015 11:22:21 AM



#62
Azobenzene
Concen: 41.11 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion: 77 Resp: 1094803
Ion Ratio Lower Upper
77 100
182 19.2 0.0 39.9
105 20.5 1.1 41.1
51 39.2 18.9 58.9





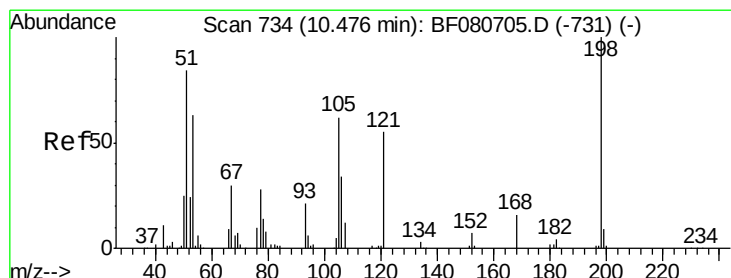
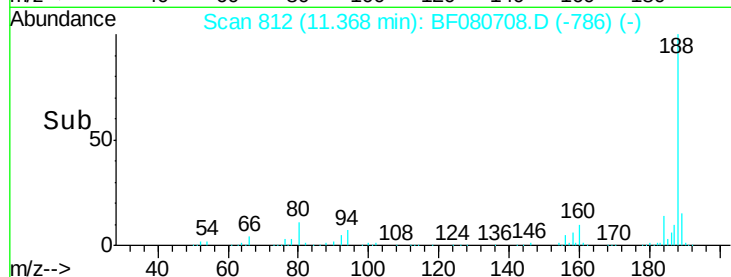
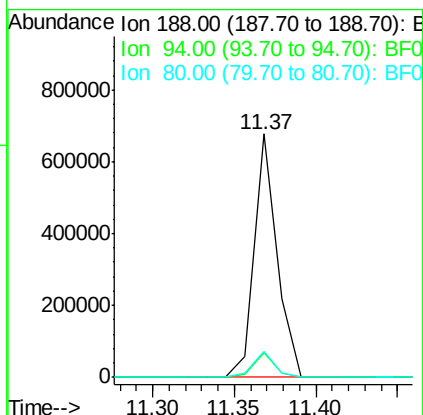
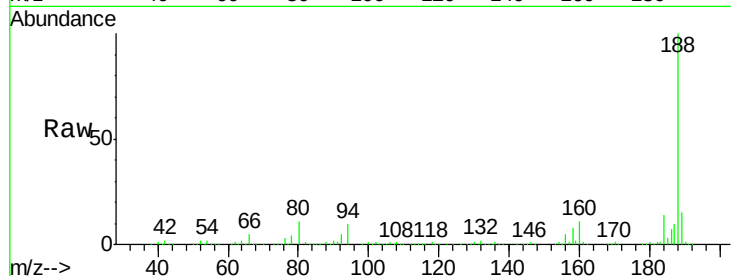
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.9	8.1	12.1
80	10.9	9.1	13.7

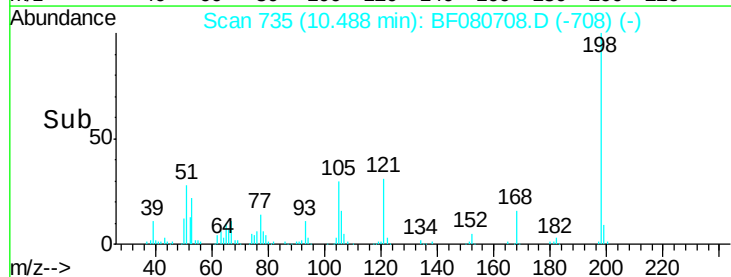
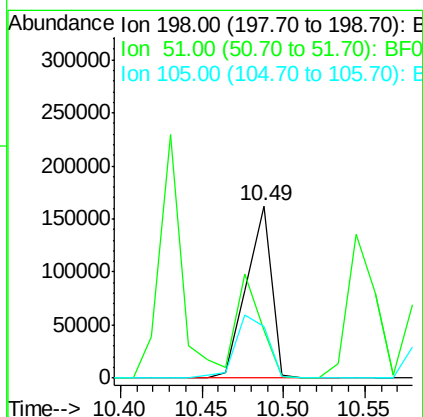
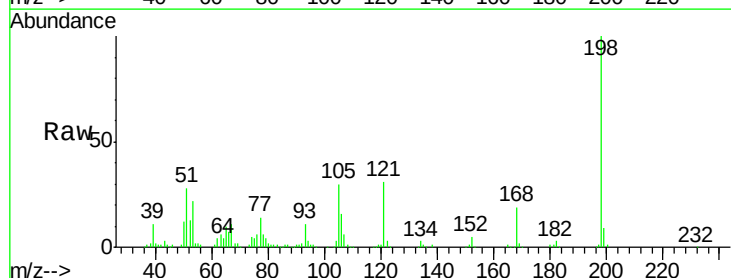
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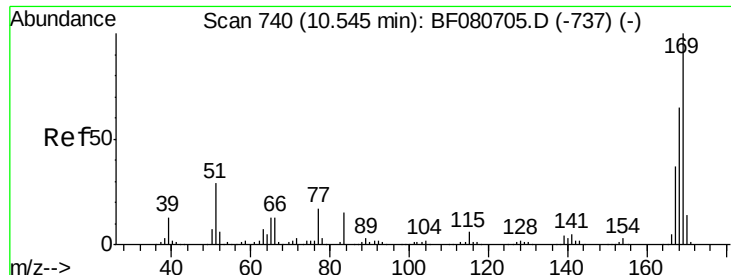
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.06 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	27.5	84.6	124.6#
105	30.0	43.0	83.0#





#65

n-Nitrosodiphenylamine

Concen: 39.26 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion:169 Resp: 844842

Ion Ratio Lower Upper

169 100

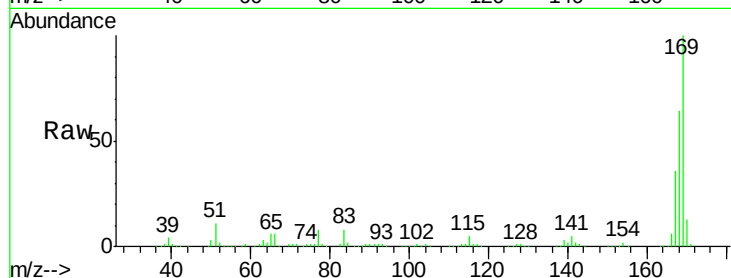
168 64.5 52.1 78.1

167 35.7 29.3 43.9

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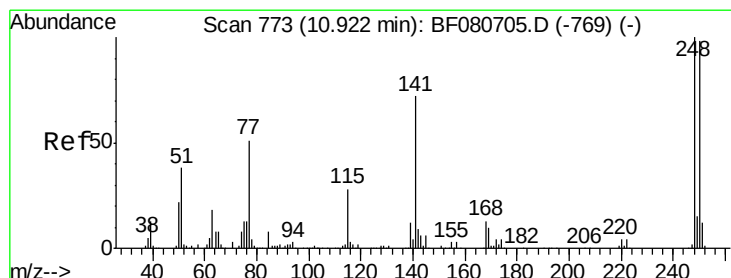
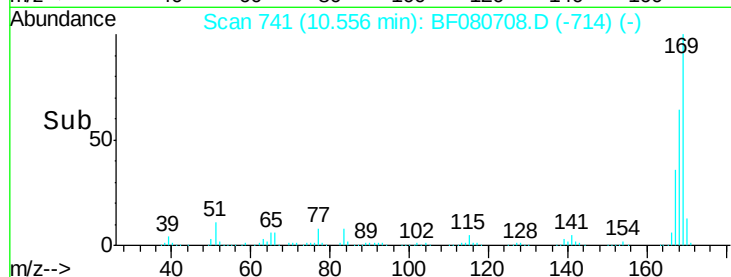
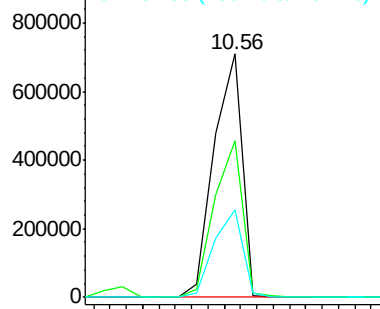
7/31/2015 11:22:21 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.15 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

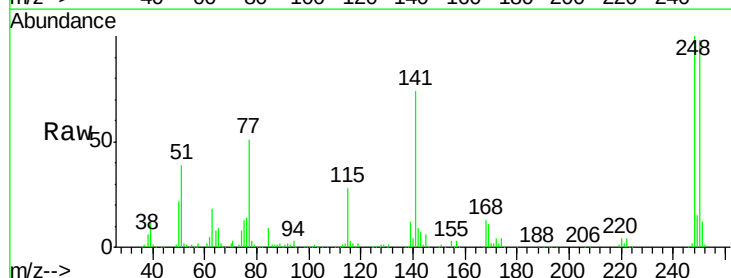
Tgt Ion:248 Resp: 278832

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

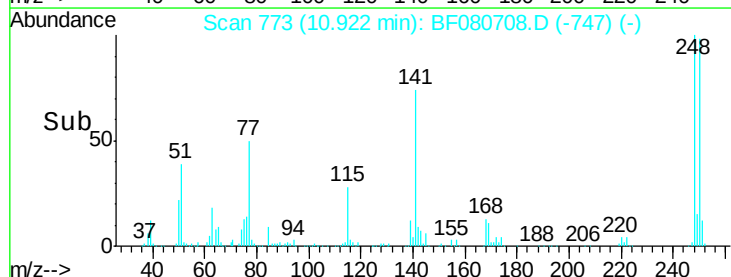
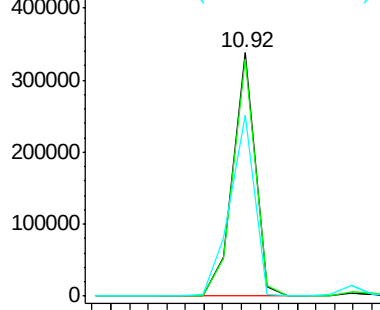
141 74.4 57.5 86.3

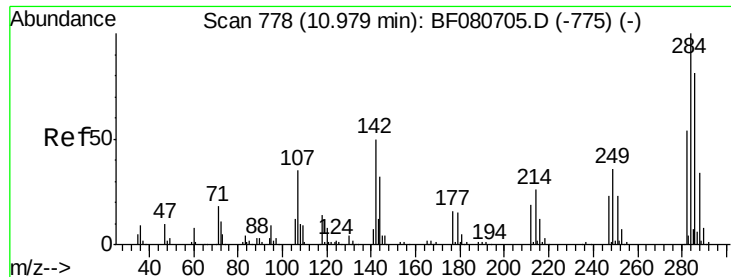


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.80 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

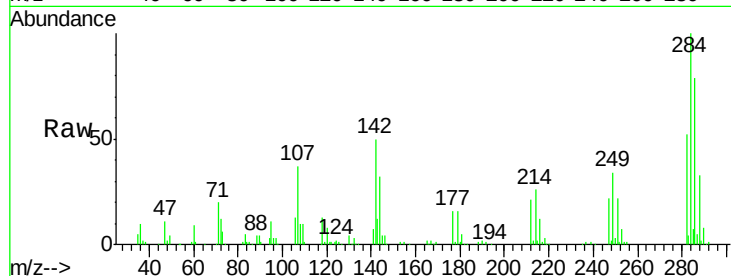
ClientSampleId :

ICVBF073015

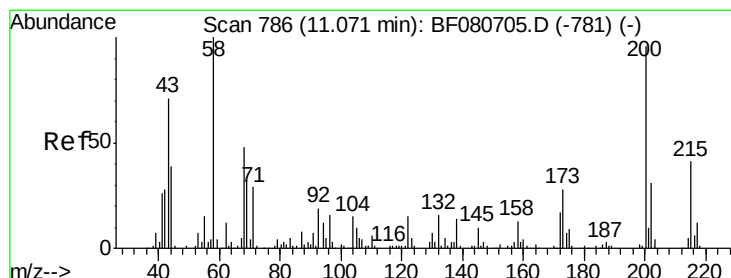
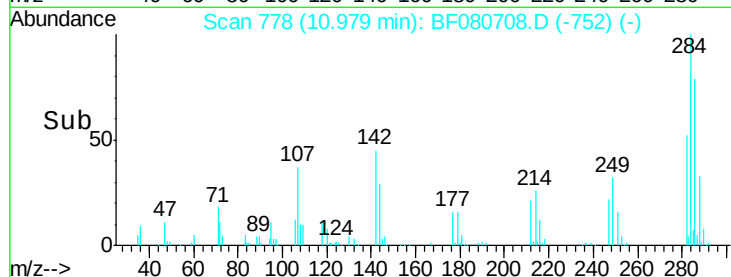
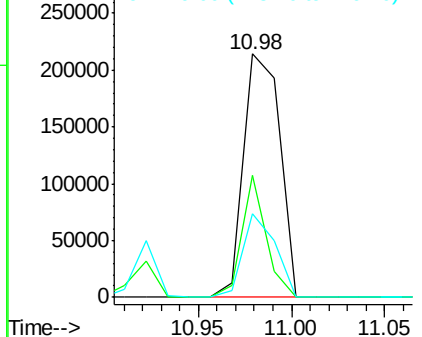
Tgt Ion:	284	Resp:	288321
Ion Ratio	Lower	Upper	
284	100		
142	50.3	39.8	59.6
249	34.4	28.7	43.1

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



#68

Atrazine

Concen: 55.26 ng

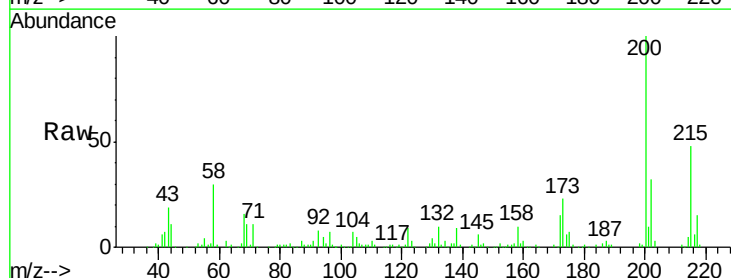
RT: 11.08 min Scan# 787

Delta R.T. 0.01 min

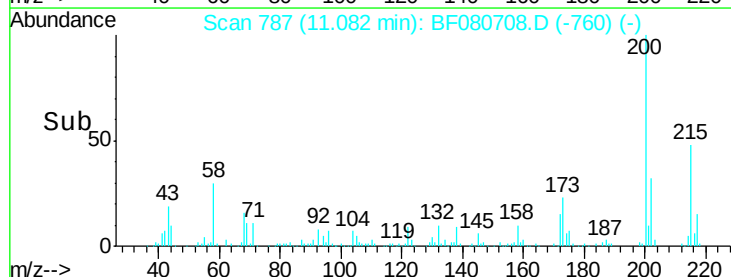
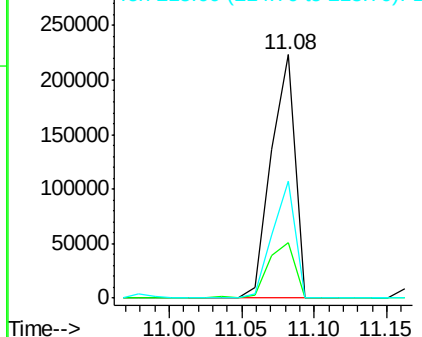
Lab File: BF080708.D

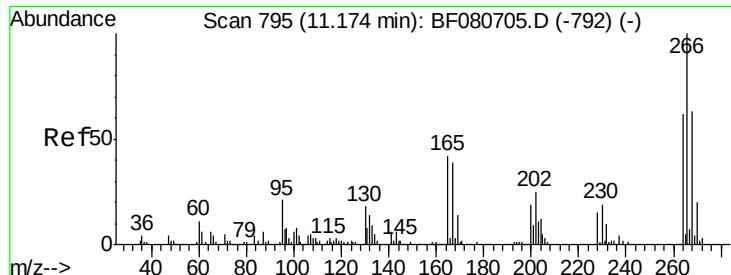
Acq: 30 Jul 2015 23:21

Tgt Ion:	200	Resp:	255009
Ion Ratio	Lower	Upper	
200	100		
173	22.9	8.6	48.6
215	48.1	22.2	62.2



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





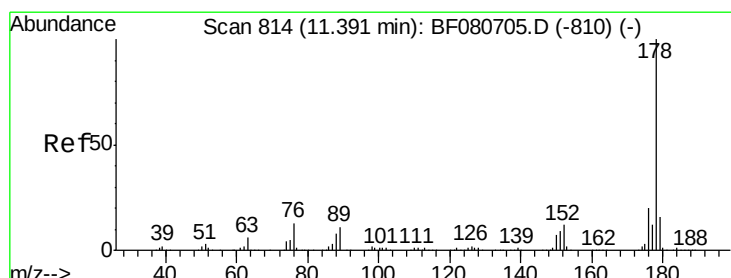
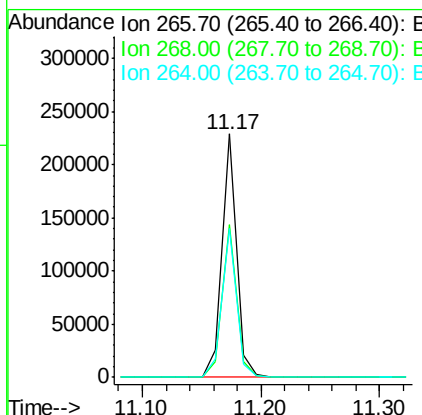
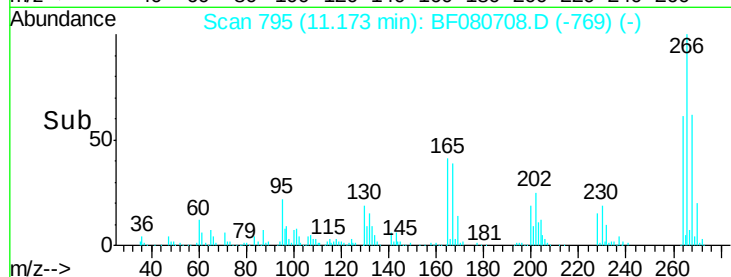
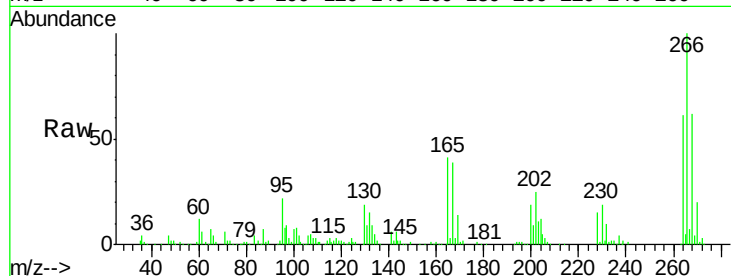
#69
 Pentachlorophenol
 Concen: 40.59 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	192414		
268	62.5	50.5	75.7	
264	61.0	50.0	75.0	

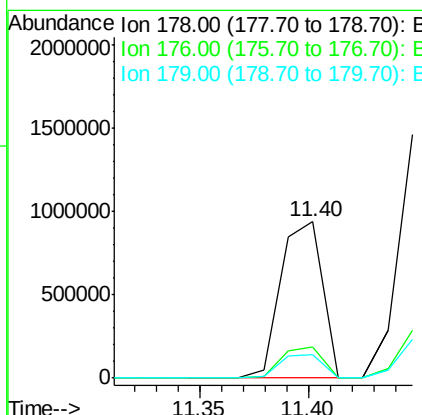
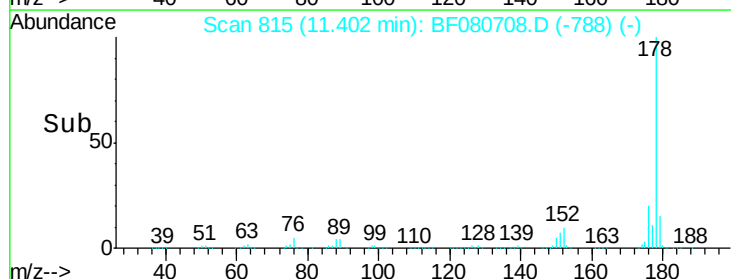
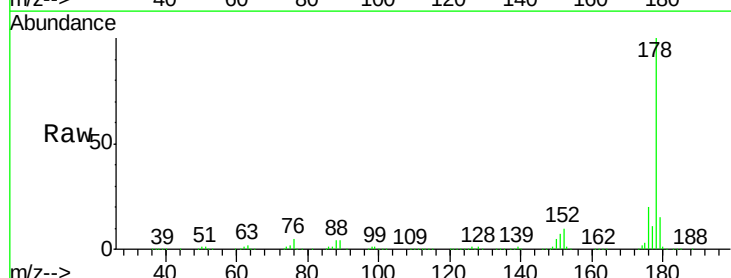
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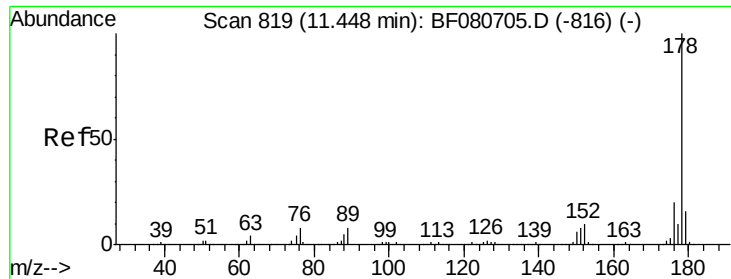
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#70
 Phenanthrene
 Concen: 38.06 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1258682		
176	20.0	16.2	24.4	
179	15.3	13.0	19.4	





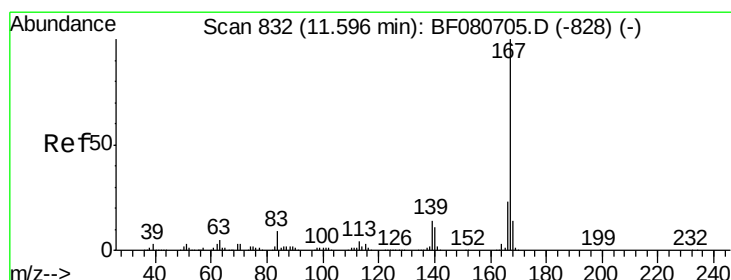
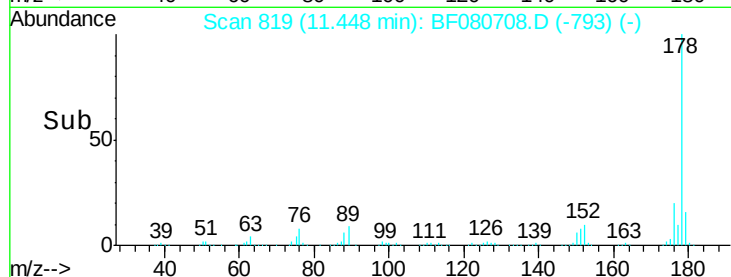
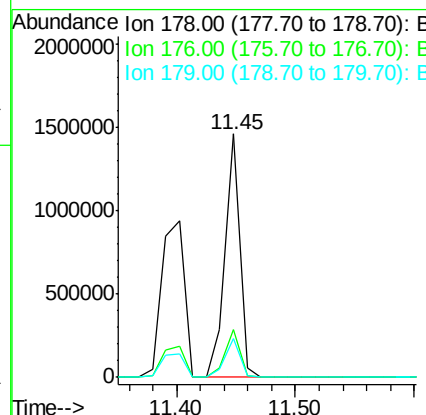
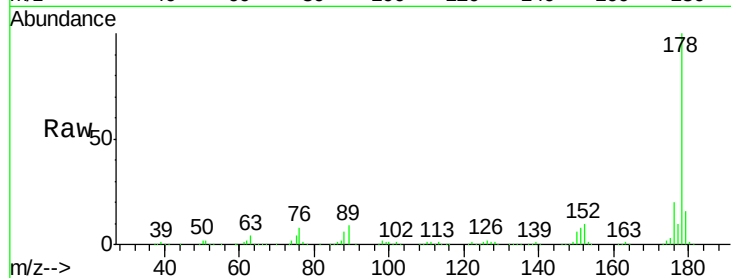
#71
 Anthracene
 Concen: 38.43 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	16.2	12.7	19.1

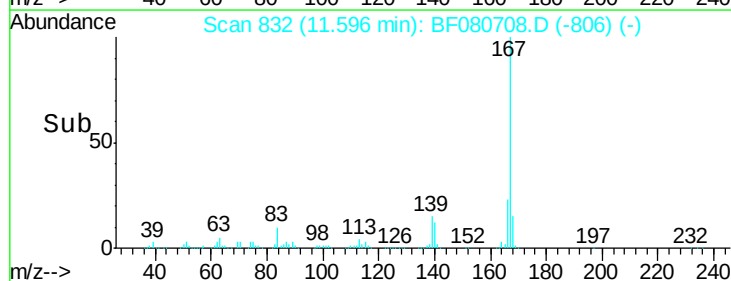
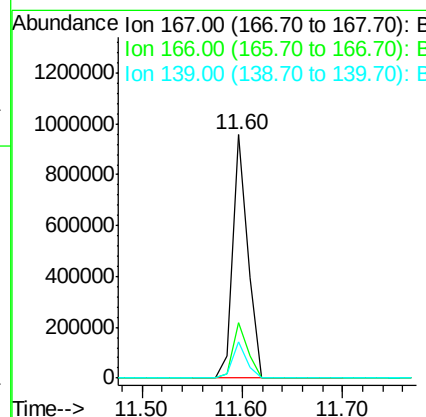
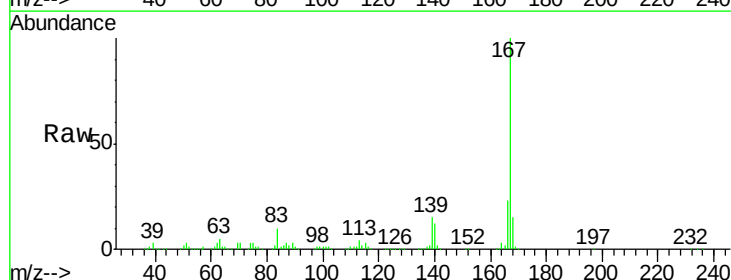
Manual Integrations
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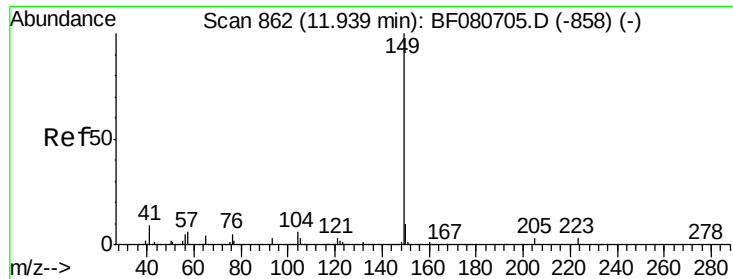
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#72
 Carbazole
 Concen: 35.29 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.2	27.4
139	14.9	11.5	17.3





#73

Di-n-butylphthalate

Concen: 39.29 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion:149 Resp: 1373848

Ion Ratio Lower Upper

149 100

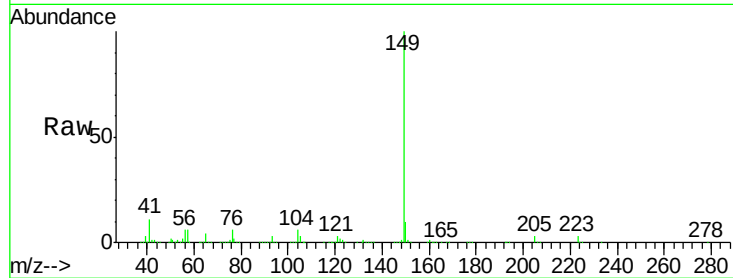
150 9.7 7.6 11.4

104 5.9 4.4 6.6

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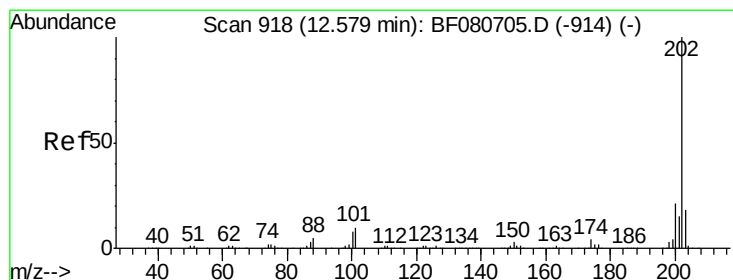
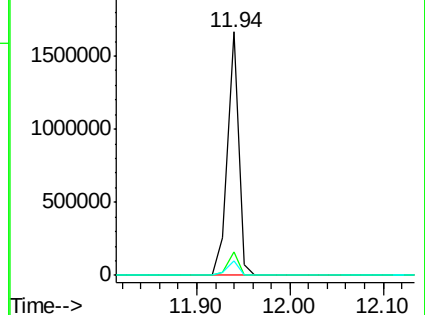
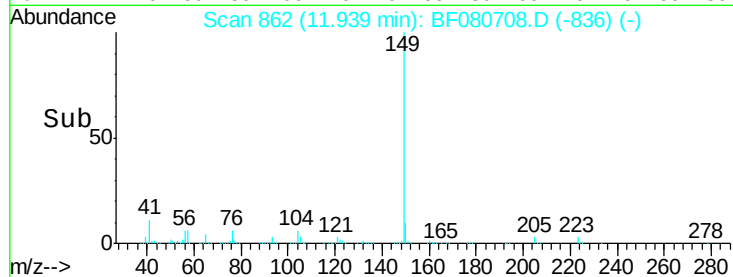
7/31/2015 11:22:21 AM



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: 39.20 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

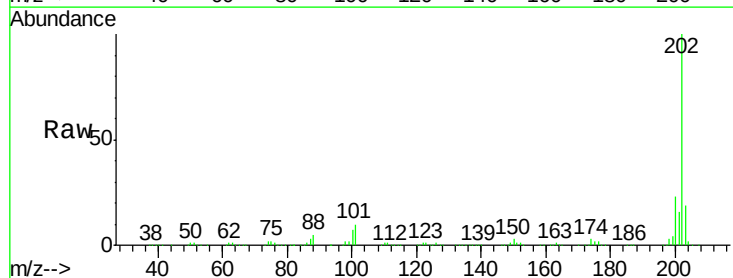
Tgt Ion:202 Resp: 1253091

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.6

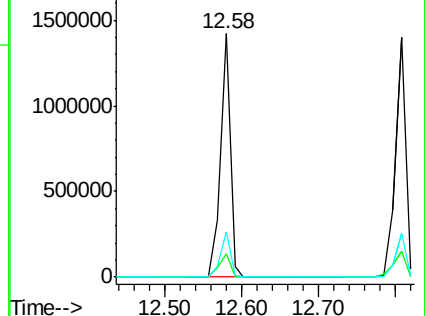
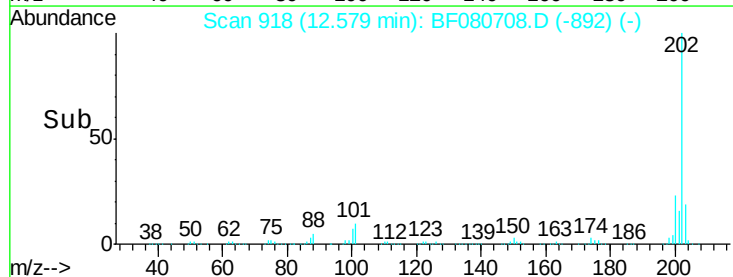
203 18.6 0.0 37.8

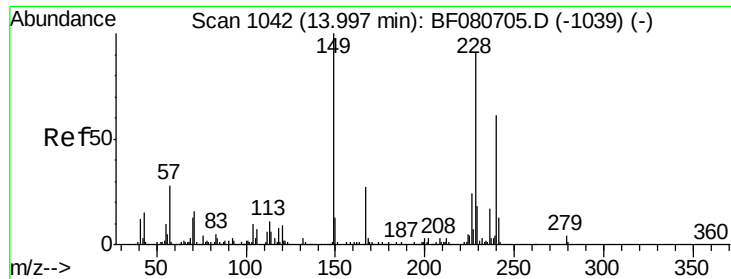


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Tgt Ion:240 Resp: 409537
Ion Ratio Lower Upper

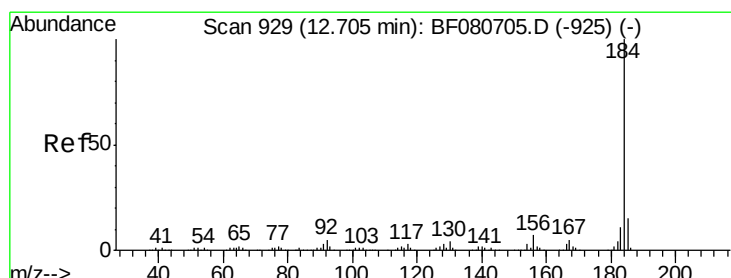
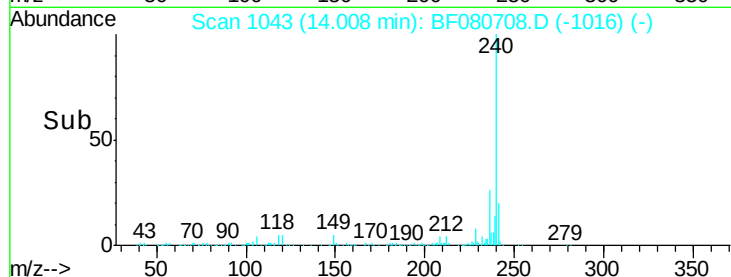
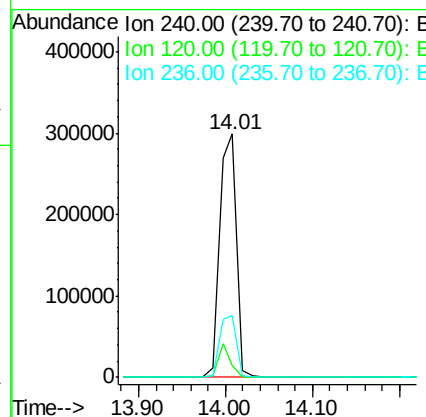
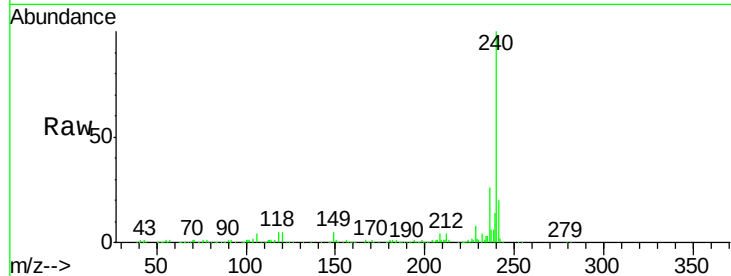
240 100

120 4.9 11.8 17.8#

236 25.5 21.8 32.8

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#76

Benzidine

Concen: 42.90 ng

RT: 12.71 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF080708.D

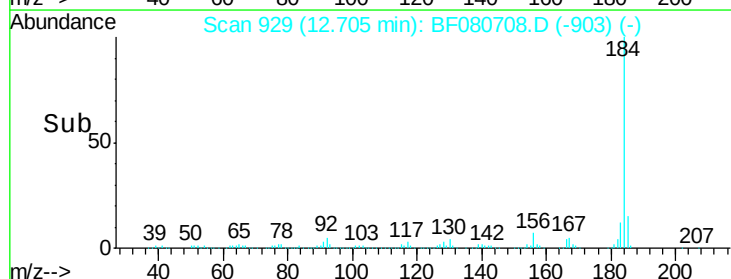
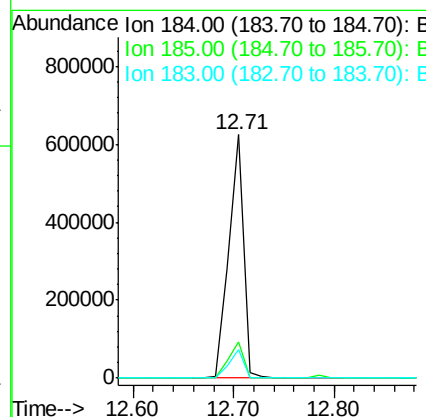
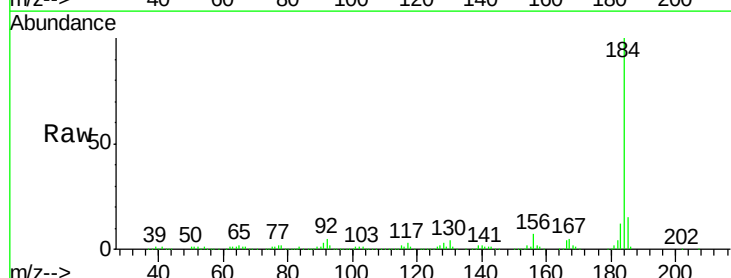
Acq: 30 Jul 2015 23:21

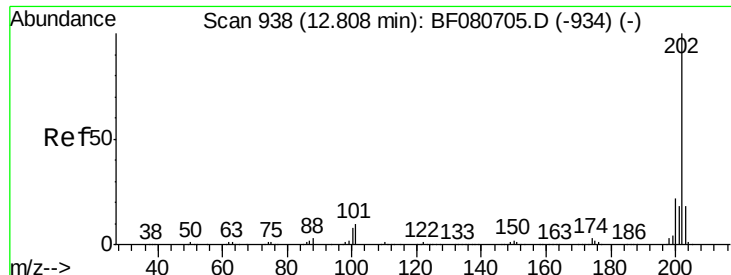
Tgt Ion:184 Resp: 639715
Ion Ratio Lower Upper

184 100

185 14.9 12.0 18.0

183 11.5 9.1 13.7





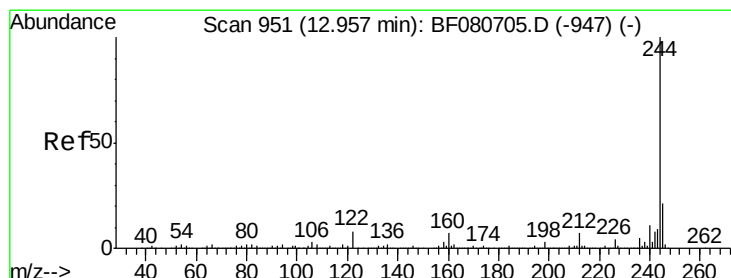
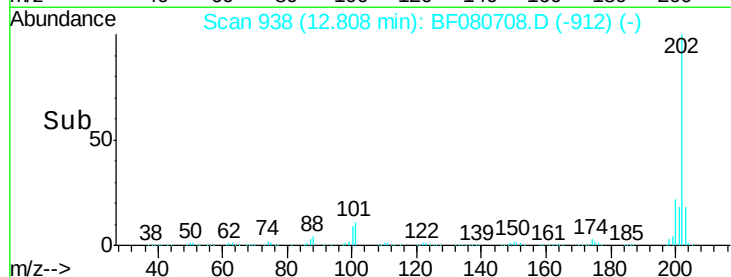
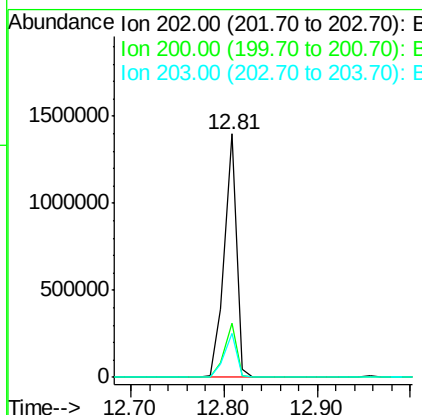
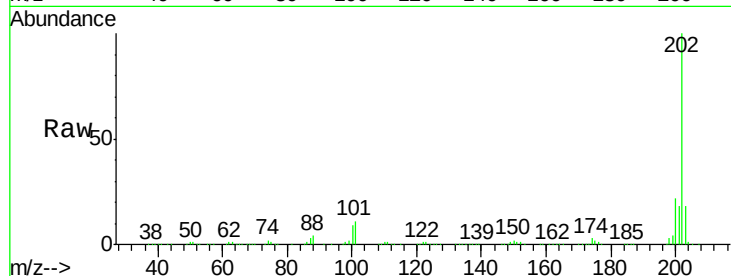
#77
Pyrene
 Concen: 40.13 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.1	14.2	21.2

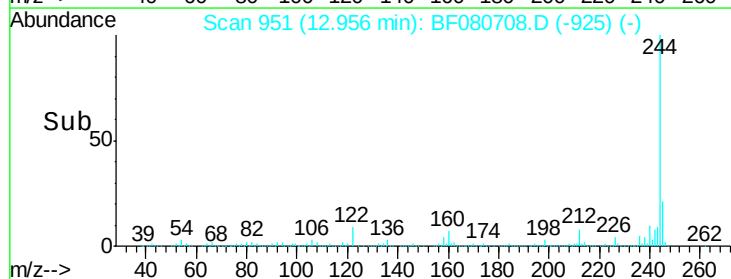
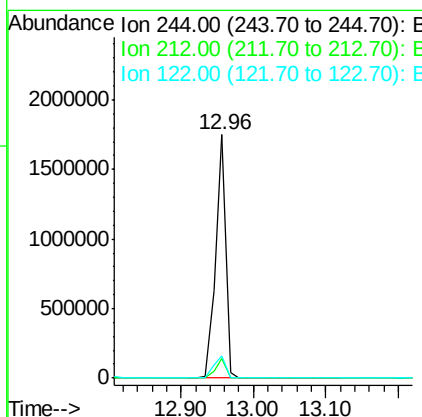
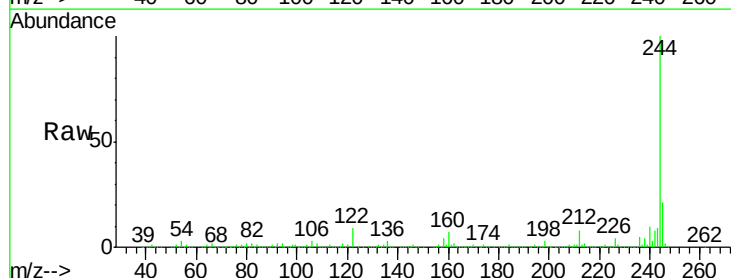
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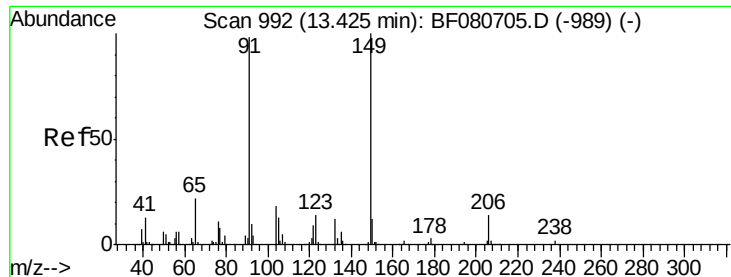
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#78
Terphenyl-d14
 Concen: 77.60 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.9	8.9
122	9.3	6.6	9.8





#79

Butylbenzylphthalate

Concen: 39.88 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF080708.D

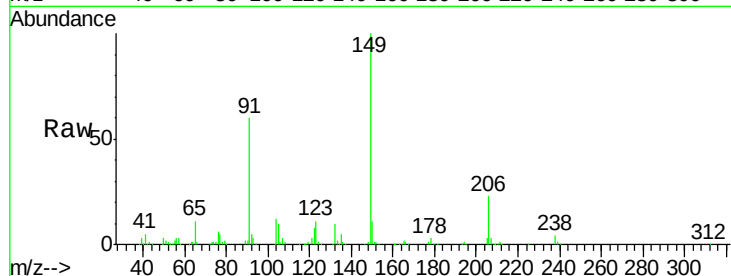
Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

ClientSampleId :

ICVBF073015



Tgt Ion:149 Resp: 522905

Ion Ratio Lower Upper

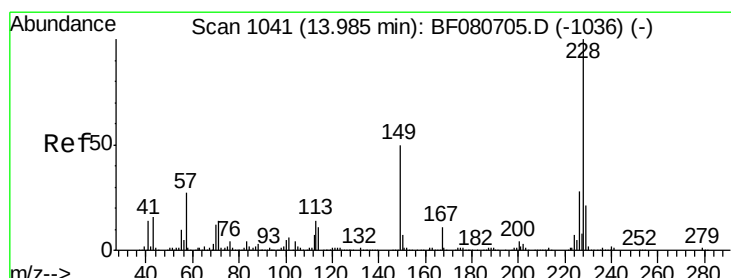
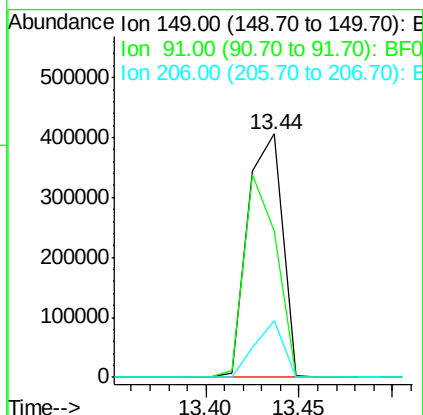
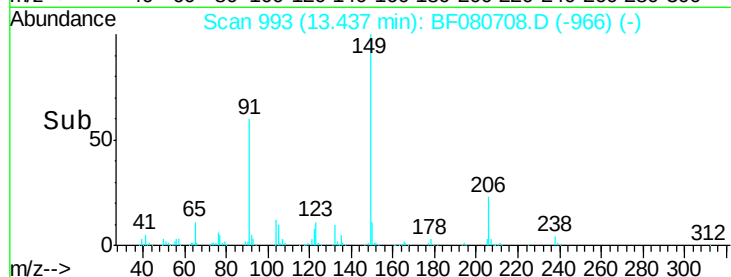
149 100

91 60.3 78.6 118.0#

206 23.2 11.4 17.2#

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#80

Benzo(a)anthracene

Concen: 38.88 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

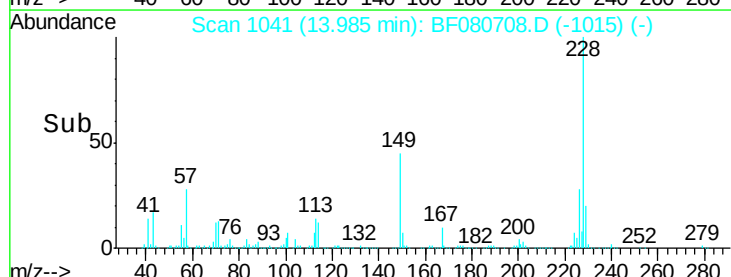
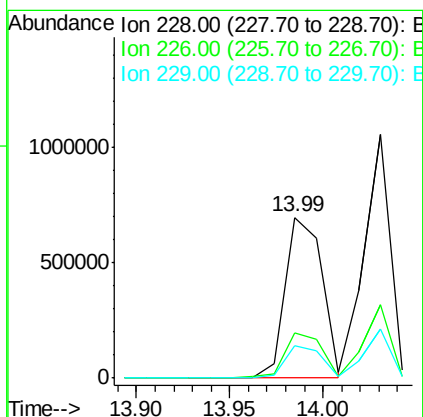
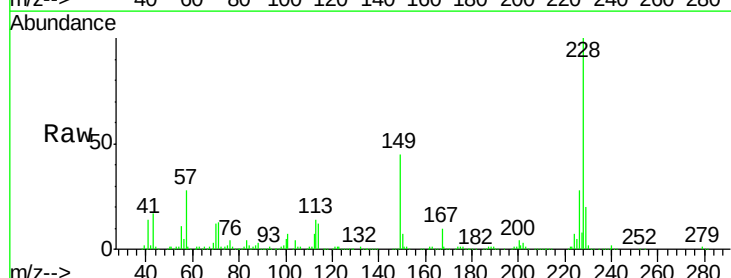
Tgt Ion:228 Resp: 957599

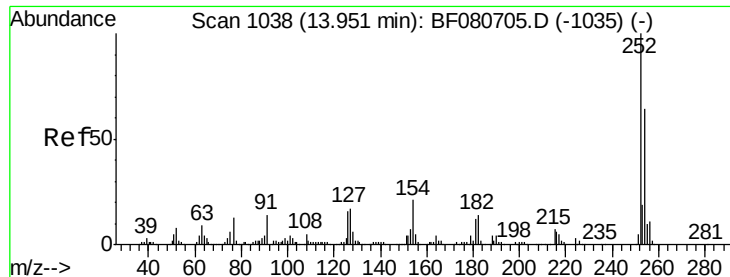
Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

229 20.3 16.6 25.0





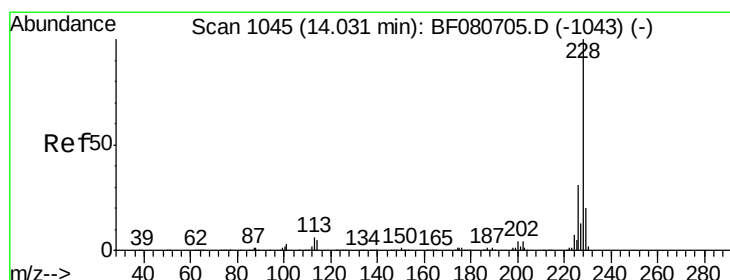
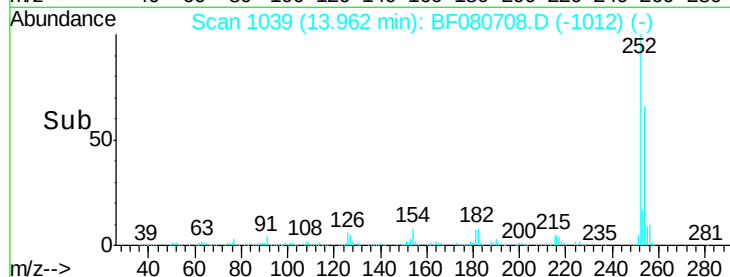
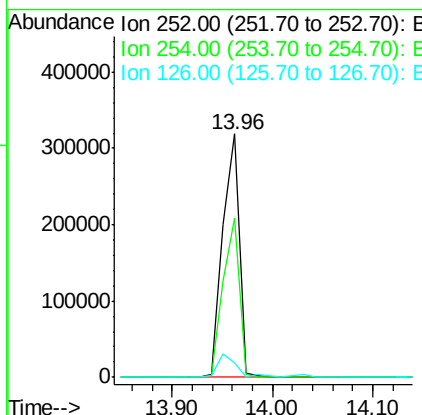
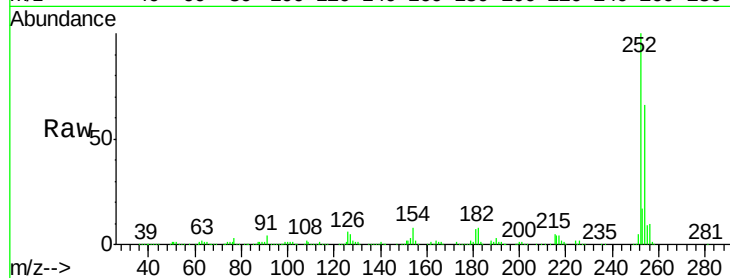
#81
 3,3'-Dichlorobenzidine
 Concen: 43.45 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.0	76.4
126	5.9	13.2	19.8

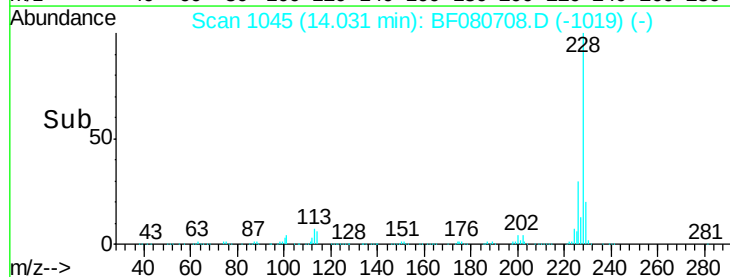
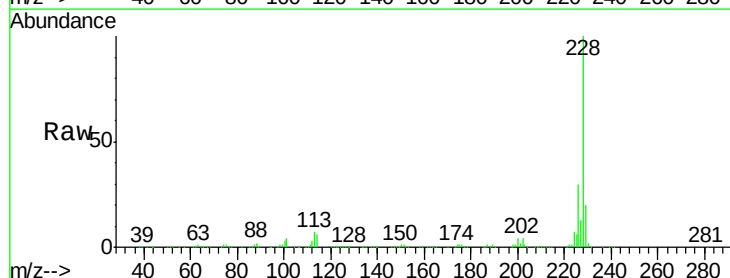
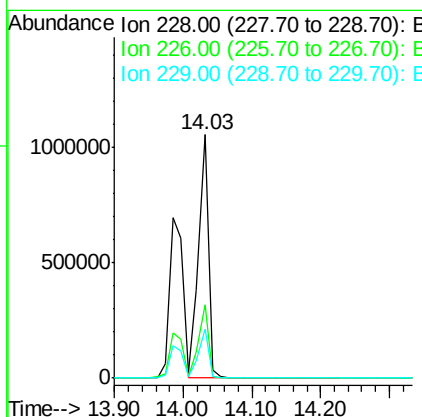
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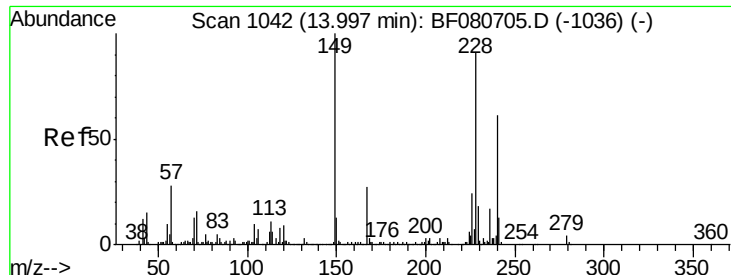
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#82
 Chrysene
 Concen: 42.82 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	20.1	15.8	23.8





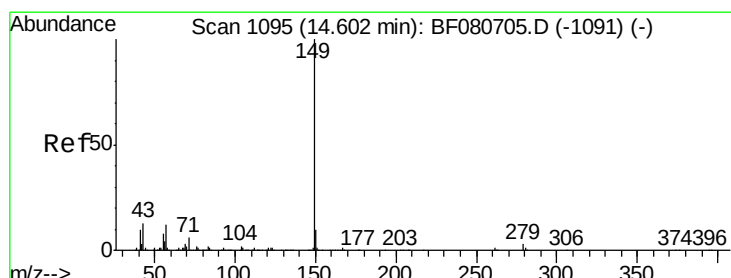
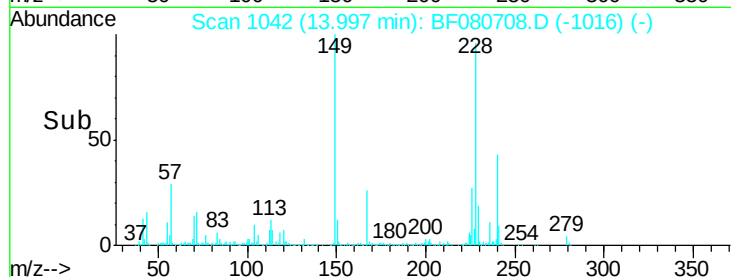
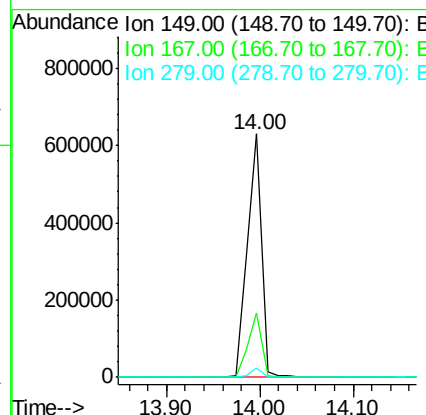
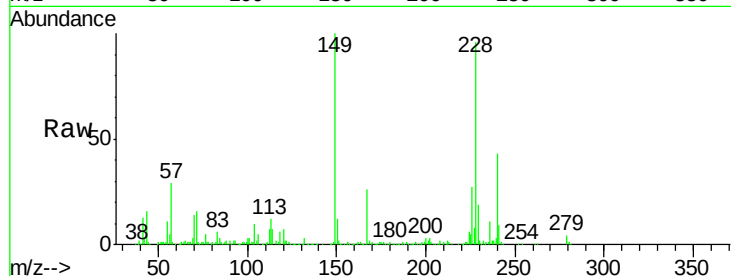
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.05 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	664908		
167	26.3	21.8	32.8	
279	4.1	3.4	5.0	

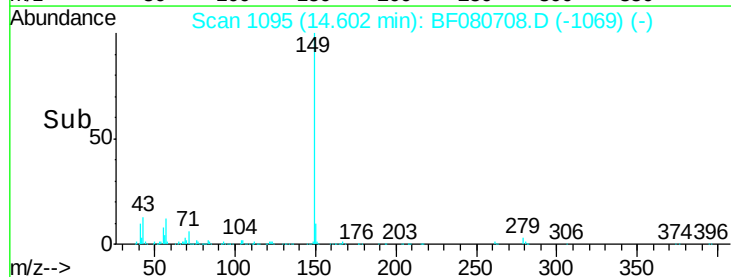
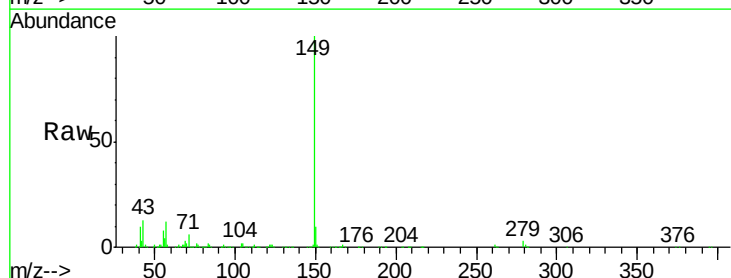
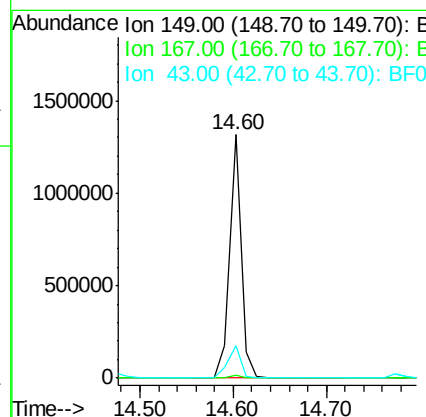
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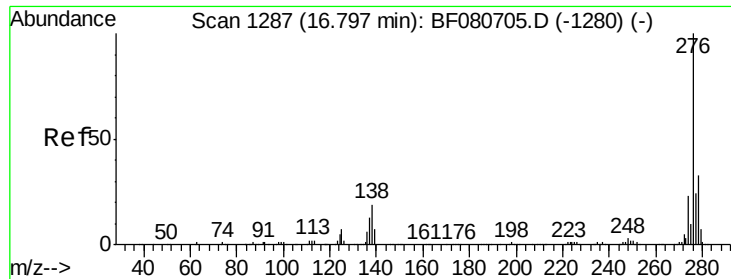
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#84
 Di-n-octyl phthalate
 Concen: 42.79 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

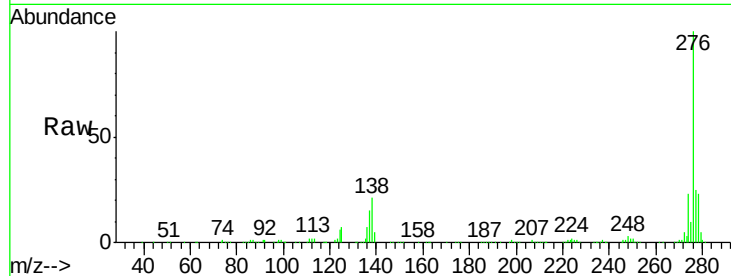
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1134414		
167	1.5	1.1	1.7	
43	15.1	12.2	18.4	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.29 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

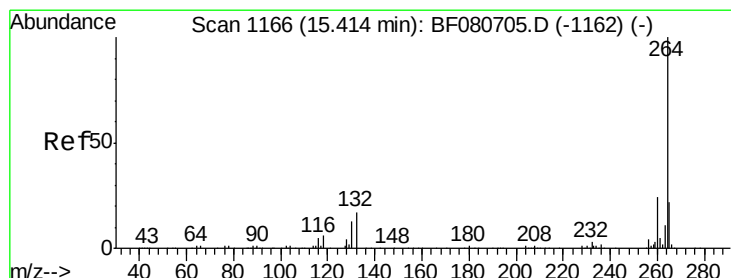
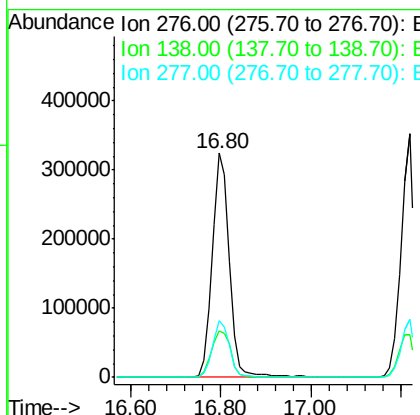
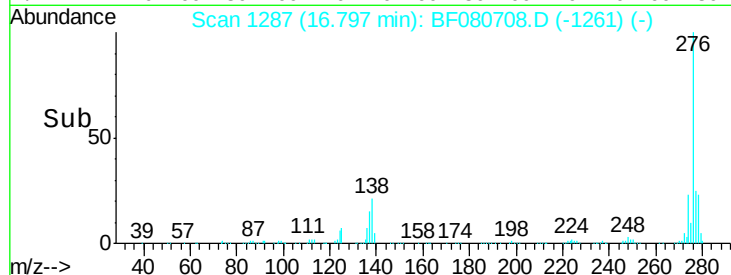
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF073015



Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.3	13.2	19.8#
277	25.1	15.4	23.2#

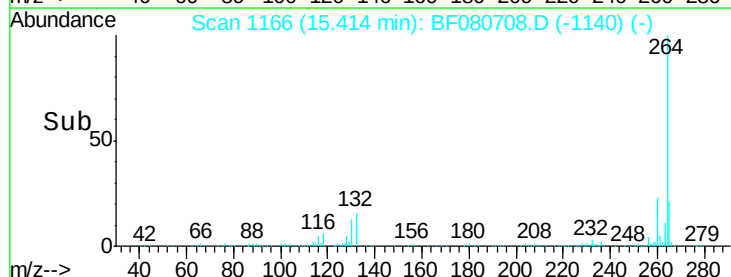
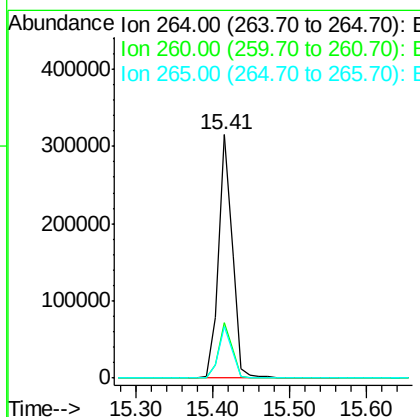
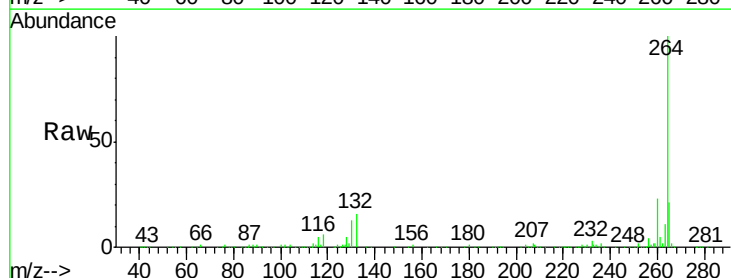
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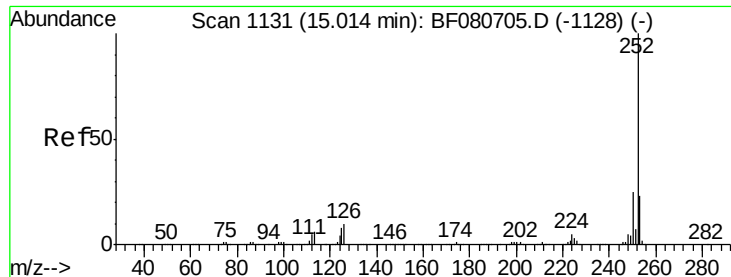
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080708.D
 Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.35 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Instrument :

BNA_F

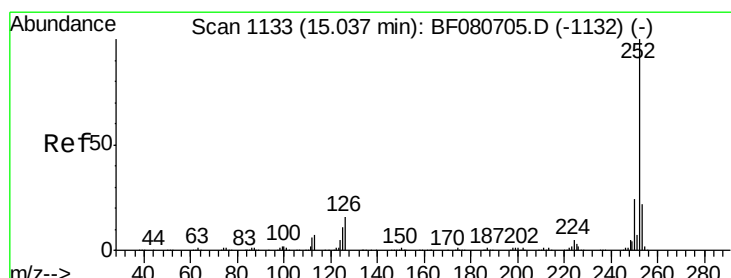
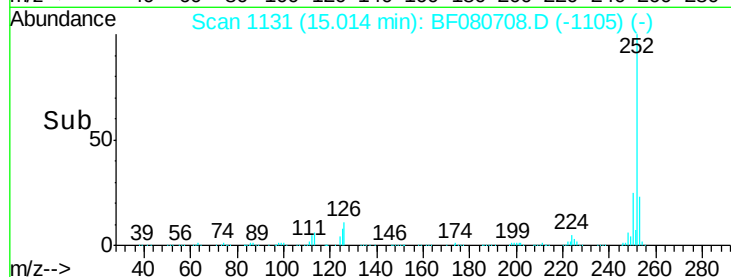
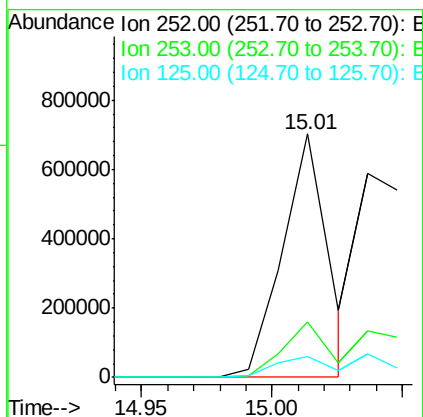
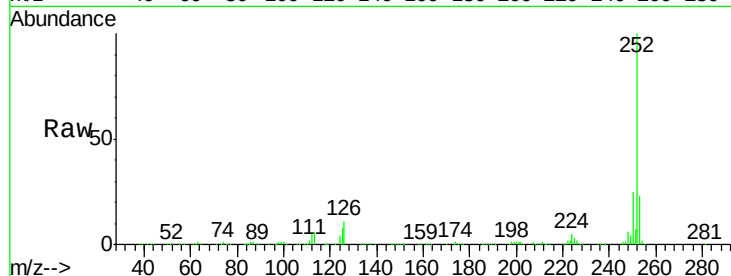
ClientSampleId :

ICVBF073015

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	840955		
253	22.9	18.1	27.1	
125	8.4	6.2	9.2	

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#88

Benzo(k)fluoranthene

Concen: 41.72 ng m

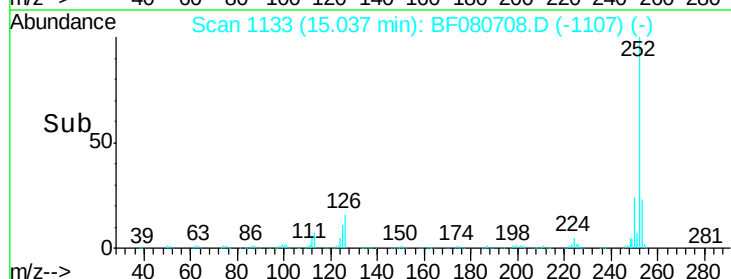
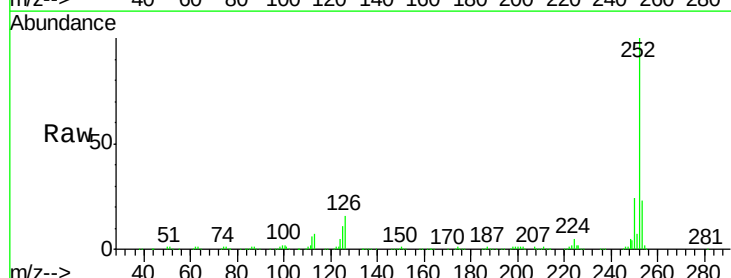
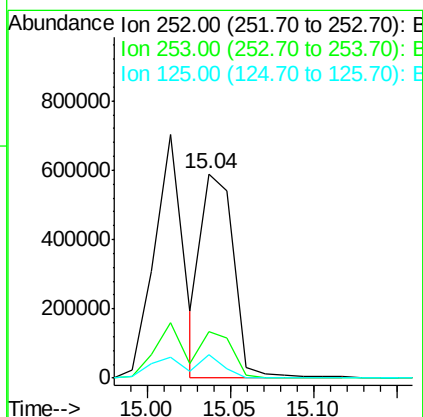
RT: 15.04 min Scan# 1133

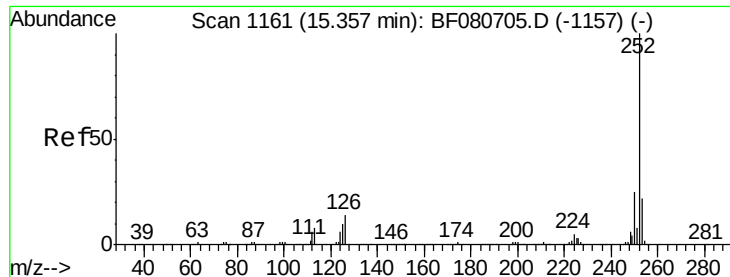
Delta R.T. -0.00 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	816715		
253	22.7	17.8	26.6	
125	11.2	9.0	13.4	





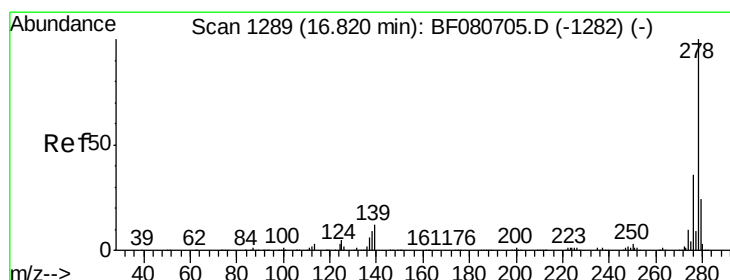
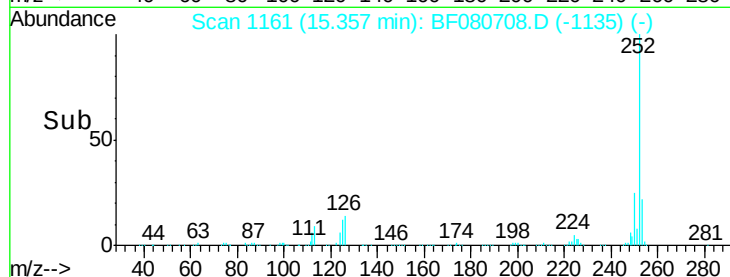
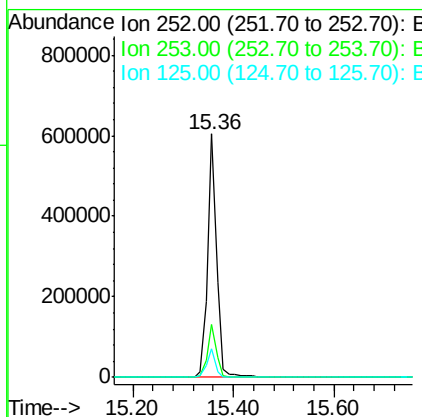
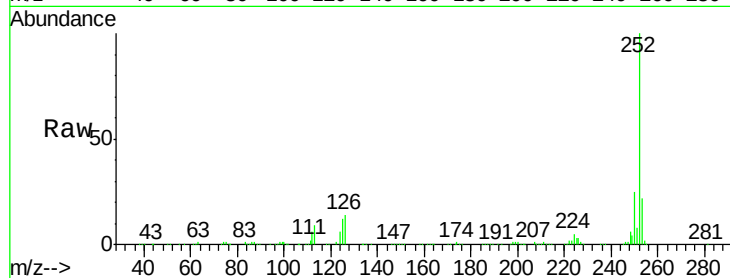
#89
Benzo(a)pyrene
Concen: 38.52 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Instrument :
BNA_F
ClientSampleId :
ICVBF073015

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.7	8.2	12.4

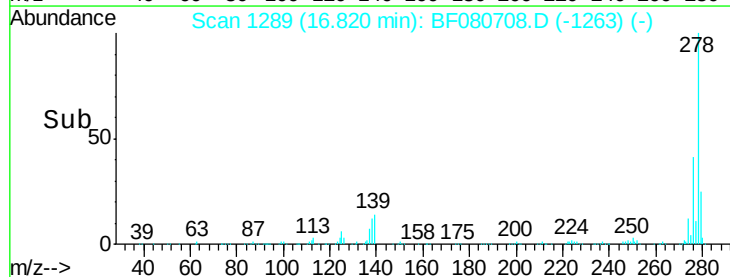
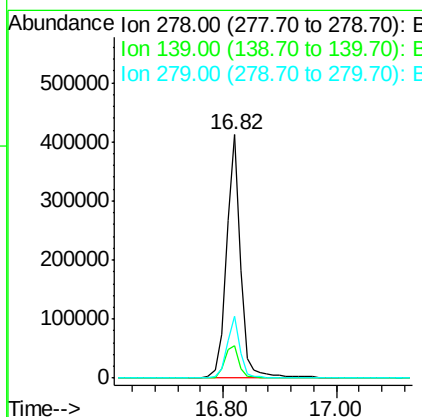
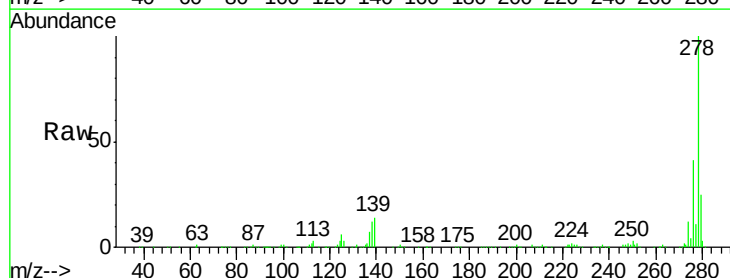
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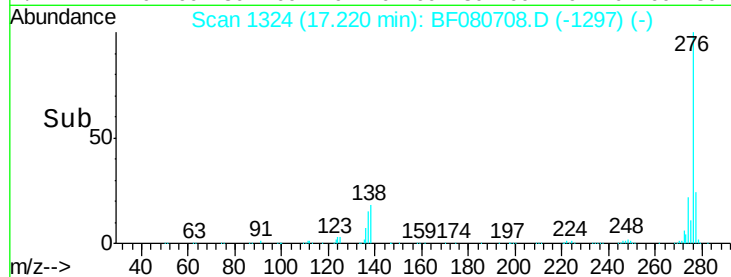
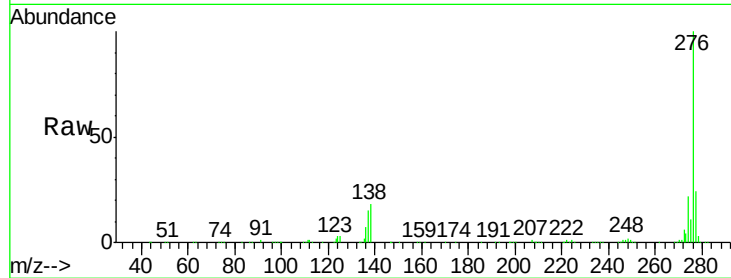
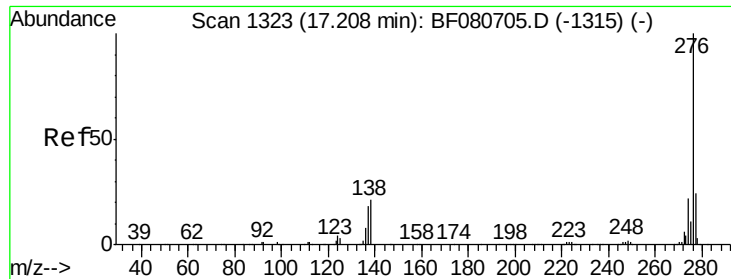
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 40.82 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF080708.D
Acq: 30 Jul 2015 23:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	9.8	14.8
279	25.4	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 42.24 ng

RT: 17.22 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF080708.D

Acq: 30 Jul 2015 23:21

Tgt Ion:	276	Resp:	726621
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	17.6	16.9	25.3

Instrument :

BNA_F

ClientSampleId :

ICVBF073015

Manual Integrations
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