

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080380.D
 Acq On : 7 Jul 2015 19:29
 Operator : TP/UM
 Sample : G2906-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Manual Integrations
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 7/8/2015 4:27:01 PM

Quant Time: Jul 08 02:25:54 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36948	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	139944	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	68658	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	145812	20.00	ng	0.00
75) Chrysene-d12	14.73	240	154324	20.00	ng	-0.01
86) Perylene-d12	16.58	264	145736	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	305644	151.50	ng	0.00
7) Phenol-d6	6.84	99	404685	151.33	ng	0.01
23) Nitrobenzene-d5	7.79	82	233585	97.35	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	104486	145.44	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	436068	85.71	ng	0.00
78) Terphenyl-d14	13.46	244	516885	78.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	35150	36.90	ng	92
3) Pyridine	3.87	79	100337	41.39	ng	97
4) n-Nitrosodimethylamine	3.78	42	48990	43.01	ng	95
6) Aniline	6.89	93	101503	27.41	ng	99
8) 2-Chlorophenol	7.01	128	106937	45.73	ng	99
9) Benzaldehyde	6.77	77	56546	38.02	ng	98
10) Phenol	6.85	94	139588	48.14	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	97273	44.47	ng	98
12) 1,3-Dichlorobenzene	7.17	146	121208	42.22	ng	99
13) 1,4-Dichlorobenzene	7.24	146	112843m	42.09	ng	
14) 1,2-Dichlorobenzene	7.40	146	119330	43.98	ng	98
15) Benzyl Alcohol	7.36	79	95491	46.13	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	154562	43.70	ng	99
17) 2-Methylphenol	7.47	107	80512	44.42	ng	97
18) Hexachloroethane	7.74	117	36285	42.12	ng	# 63
19) n-Nitroso-di-n-propylamine	7.62	70	72162	41.59	ng	# 79
20) 3+4-Methylphenols	7.62	107	115189	45.59	ng	96
22) Acetophenone	7.63	105	154386	47.82	ng	# 97
24) Nitrobenzene	7.80	77	110825	45.98	ng	98
25) Isophorone	8.04	82	212739	46.07	ng	99
26) 2-Nitrophenol	8.13	139	47476	45.52	ng	97
27) 2,4-Dimethylphenol	8.16	122	97191	47.36	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	135593	47.27	ng	99
29) 2,4-Dichlorophenol	8.37	162	88726	48.70	ng	97
30) 1,2,4-Trichlorobenzene	8.46	180	92683	42.80	ng	97
31) Naphthalene	8.54	128	311509	43.40	ng	100
32) Benzoic acid	8.20	122	18541	22.38	ng	91
33) 4-Chloroaniline	8.58	127	78732m	27.52	ng	
34) Hexachlorobutadiene	8.66	225	55910	42.44	ng	98
35) Caprolactam	8.91	113	24489	43.52	ng	# 84
36) 4-Chloro-3-methylphenol	9.06	107	83915	44.64	ng	# 69
37) 2-Methylnaphthalene	9.23	142	197045	43.06	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	91092	41.86	ng	98
40) Hexachlorocyclopentadiene	9.39	237	63148	70.71	ng	99

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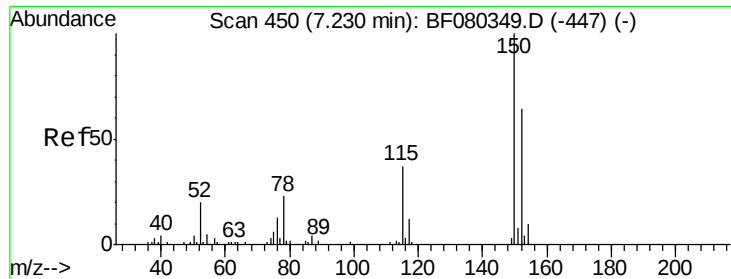
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	60986	42.55	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	74210	44.42	ng	99
45) 1,1'-Biphenyl	9.70	154	273745	44.92	ng	99
46) 2-Chloronaphthalene	9.73	162	191228	41.15	ng	99
47) 2-Nitroaniline	9.81	65	62450	48.03	ng	99
48) Acenaphthylene	10.14	152	309199	39.98	ng	99
49) Dimethylphthalate	9.98	163	343041	62.23	ng	100
50) 2,6-Dinitrotoluene	10.05	165	51195	44.42	ng	97
51) Acenaphthene	10.33	154	188070	40.62	ng	99
52) 3-Nitroaniline	10.22	138	46587	35.87	ng	98
53) 2,4-Dinitrophenol	10.34	184	15512	35.63	ng	91
54) Dibenzofuran	10.50	168	277544	42.16	ng	99
55) 4-Nitrophenol	10.37	139	90561	95.14	ng	87
56) 2,4-Dinitrotoluene	10.46	165	67216	45.35	ng	97
57) Fluorene	10.84	166	241136	42.54	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	57318	42.83	ng	98
59) Diethylphthalate	10.69	149	244904	44.48	ng	99
60) 4-Chlorophenyl-phenylether	10.83	204	105113	41.90	ng	99
61) 4-Nitroaniline	10.84	138	53945	42.79	ng	99
62) Azobenzene	10.99	77	218113	41.70	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	26761	33.35	ng	99
65) n-Nitrosodiphenylamine	10.94	169	193426	41.65	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	70552	42.24	ng	93
67) Hexachlorobenzene	11.40	284	71748	40.95	ng	97
68) Atrazine	11.46	200	66793	48.31	ng	99
69) Pentachlorophenol	11.58	266	64443	74.38	ng	95
70) Phenanthrene	11.81	178	360746	41.25	ng	99
71) Anthracene	11.87	178	343723	40.08	ng	99
72) Carbazole	12.02	167	343330	42.93	ng	99
73) Di-n-butylphthalate	12.35	149	354822	38.78	ng	# 97
74) Fluoranthene	13.06	202	387373	41.22	ng	98
76) Benzidine	13.17	184	176789	45.16	ng	98
77) Pyrene	13.31	202	393152	42.12	ng	100
79) Butylbenzylphthalate	14.01	149	169798	45.59	ng	93
80) Benzo(a)anthracene	14.72	228	386565	41.56	ng	99
81) 3,3'-Dichlorobenzidine	14.66	252	115163	37.34	ng	# 98
82) Chrysene	14.76	228	355028	40.80	ng	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	254447	44.82	ng	# 98
84) Di-n-octyl phthalate	15.51	149	430580	45.91	ng	99
85) Indeno(1,2,3-cd)pyrene	18.36	276	404730	39.55	ng	98
87) Benzo(h)fluoranthene	16.07	252	354012m	38.65	ng	
88) Benzo(k)fluoranthene	16.10	252	365486	42.16	ng	# 97
89) Benzo(a)pyrene	16.50	252	351719	41.99	ng	# 97
90) Dibenzo(a,h)anthracene	18.37	278	343878	41.69	ng	99
91) Benzo(g,h,i)perylene	18.89	276	341207	40.79	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080380.D

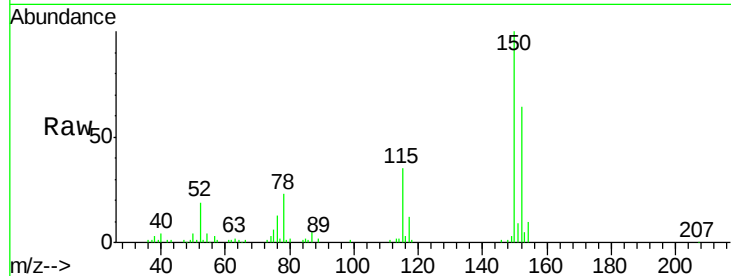
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD



Tgt Ion:152 Resp: 36948

Ion Ratio Lower Upper

152 100

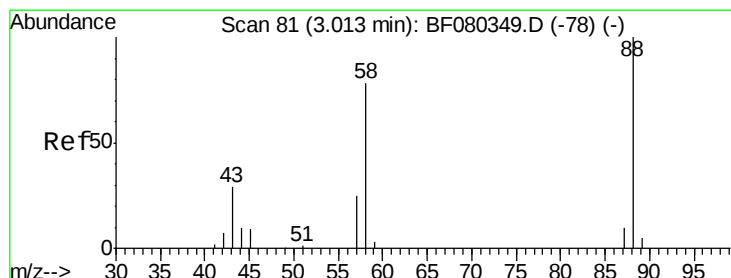
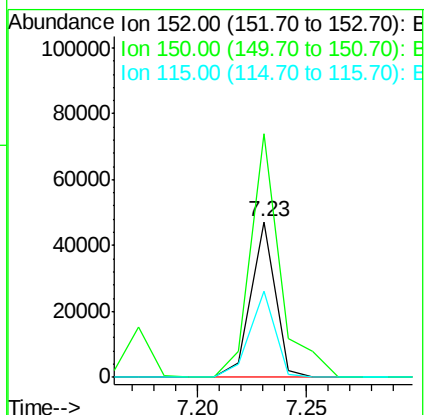
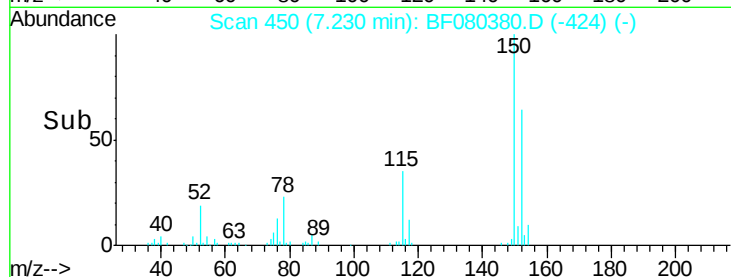
150 156.3 124.7 187.1

115 55.1 45.7 68.5

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#2

1,4-Dioxane

Concen: 36.90 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

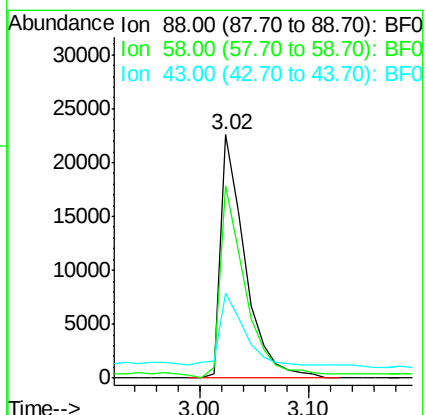
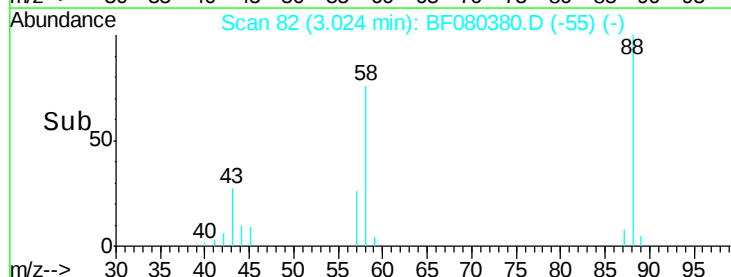
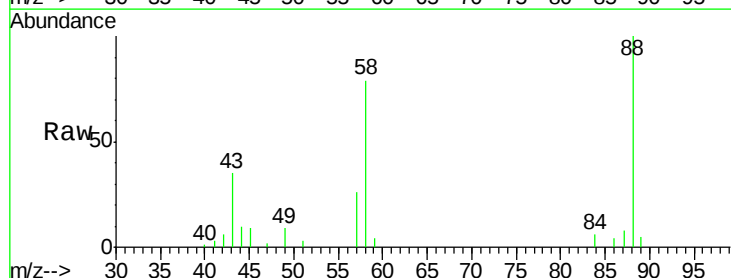
Tgt Ion: 88 Resp: 35150

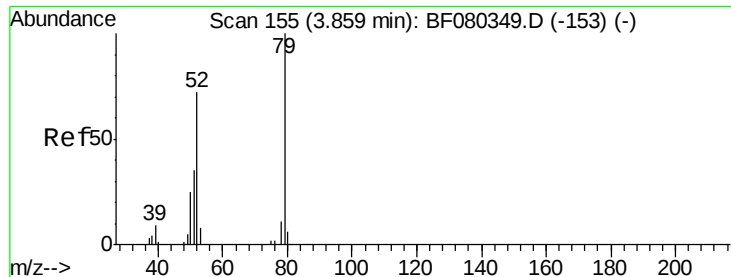
Ion Ratio Lower Upper

88 100

58 85.3 61.0 91.6

43 29.6 23.4 35.0





#3

Pyridine

Concen: 41.39 ng

RT: 3.87 min Scan# 156

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

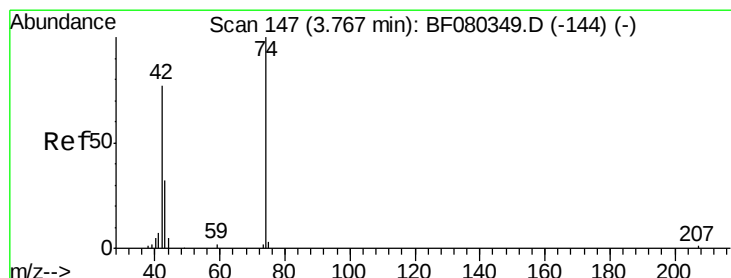
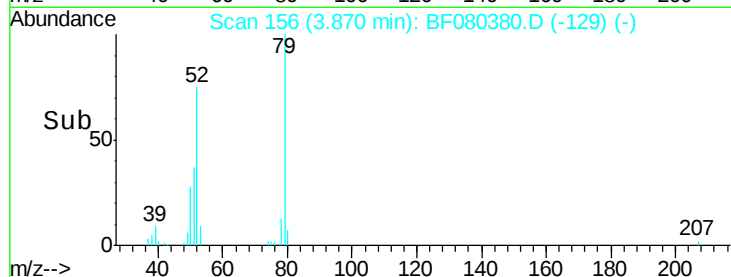
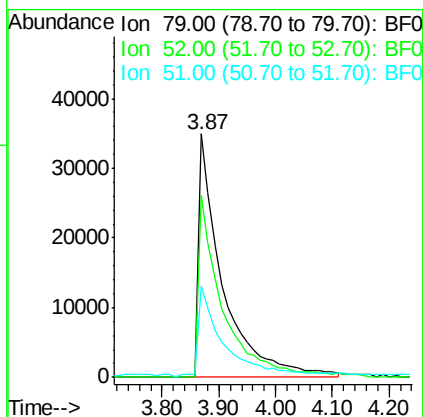
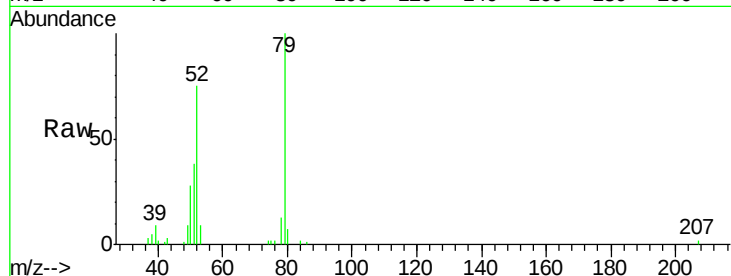
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	79	Resp:	100337
Ion Ratio	Lower	Upper	
79	100		
52	74.7	57.2	85.8
51	37.6	29.4	44.0

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#4

n-Nitrosodimethylamine

Concen: 43.01 ng

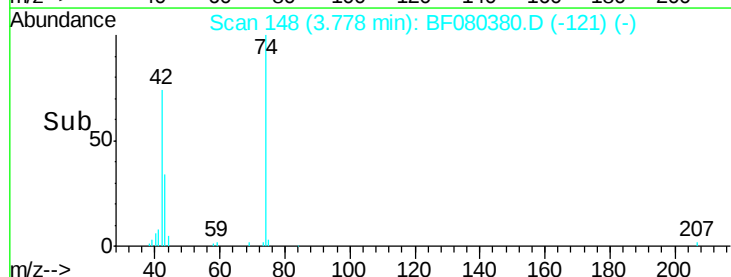
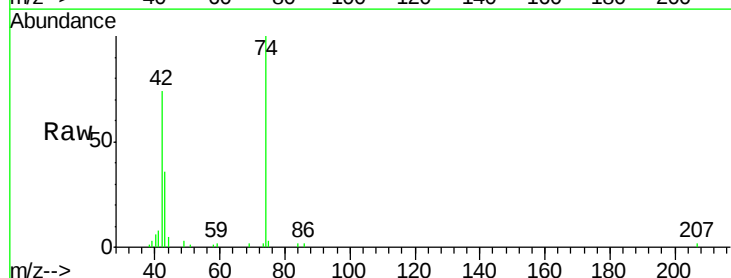
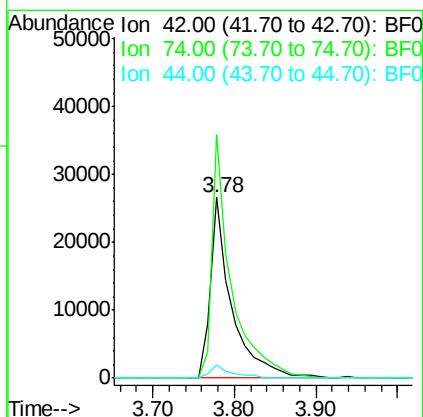
RT: 3.78 min Scan# 148

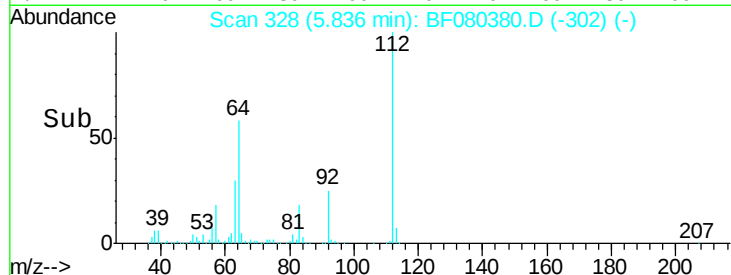
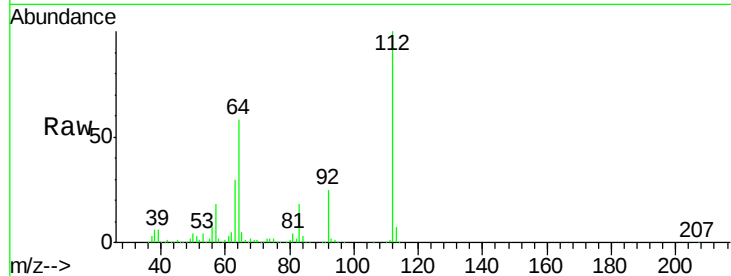
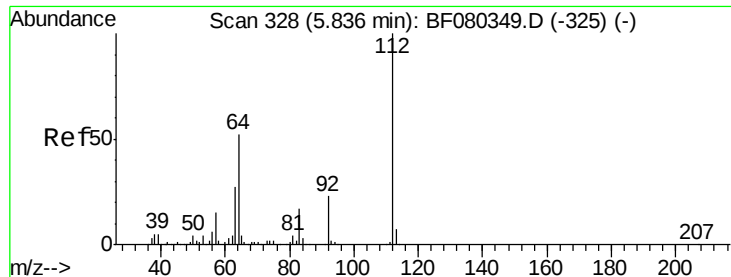
Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	42	Resp:	48990
Ion Ratio	Lower	Upper	
42	100		
74	134.9	103.4	155.0
44	7.1	5.4	8.0





#5

2-Fluorophenol

Concen: 151.50 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080380.D

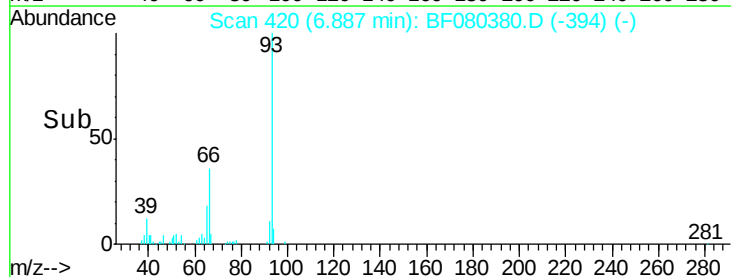
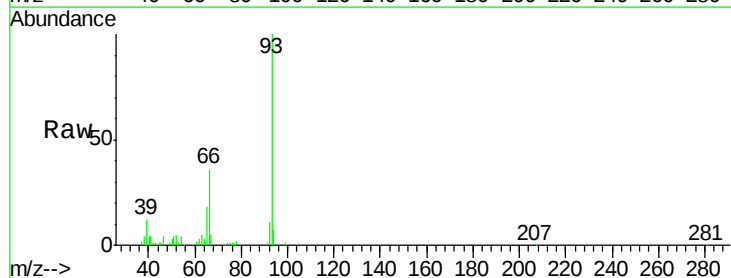
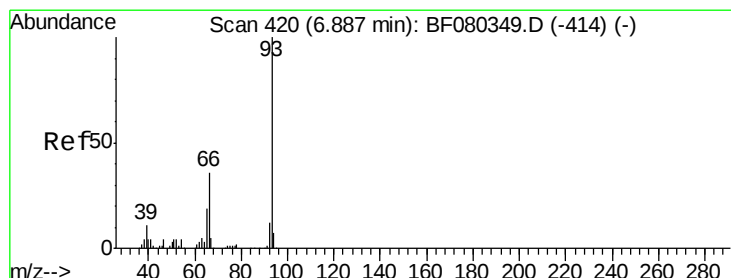
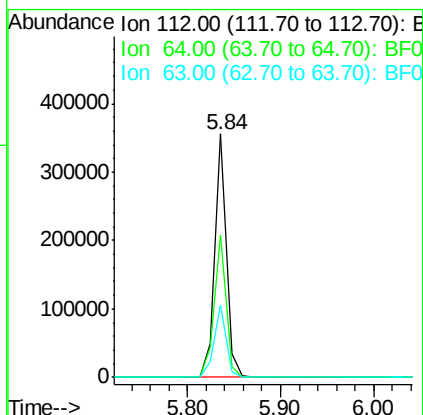
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	305644		
64	58.4	41.8	62.6	
63	29.7	21.5	32.3	

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BOTTOMWEST-1MSD

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#6

Aniline

Concen: 27.41 ng

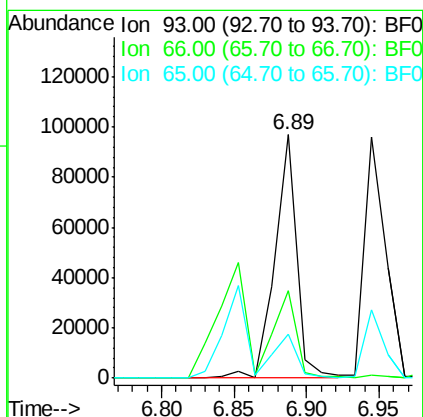
RT: 6.89 min Scan# 420

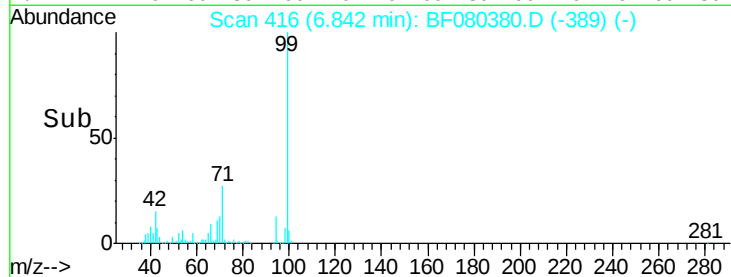
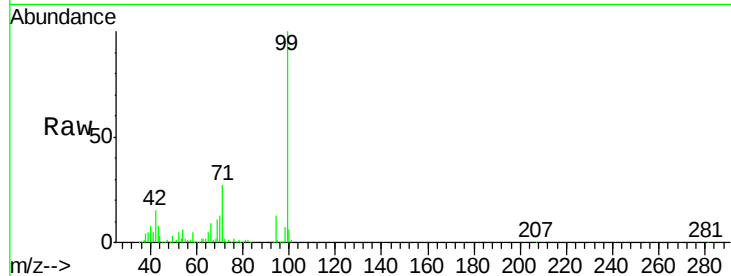
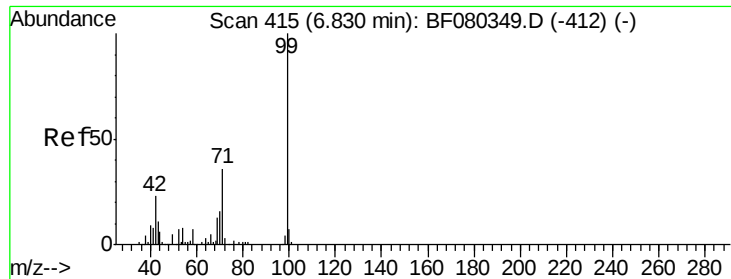
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	101503		
66	35.7	28.7	43.1	
65	18.1	14.8	22.2	





#7

Phenol-d6

Concen: 151.33 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion: 99 Resp: 404685

Ion Ratio Lower Upper

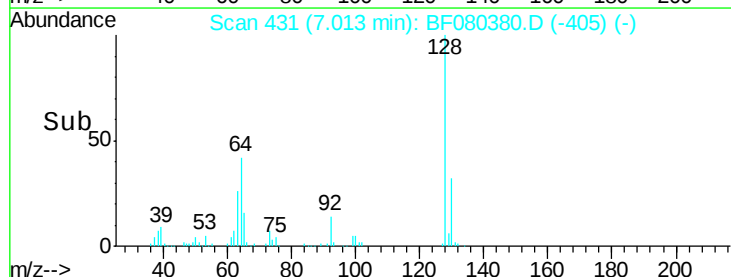
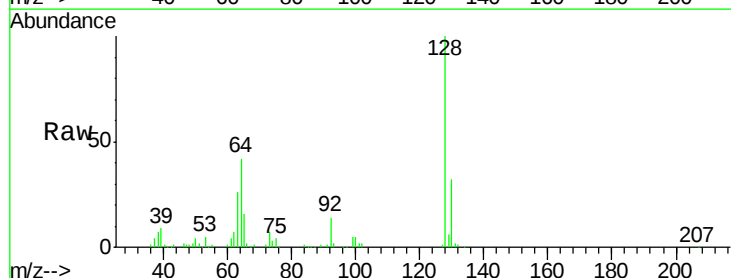
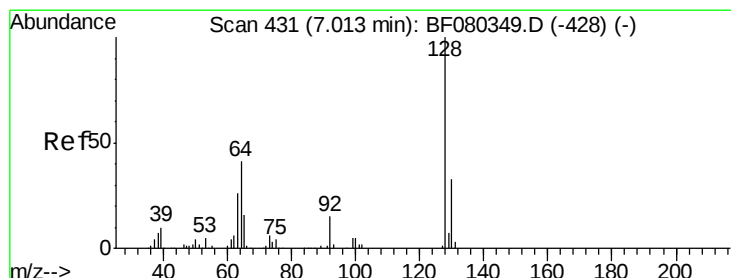
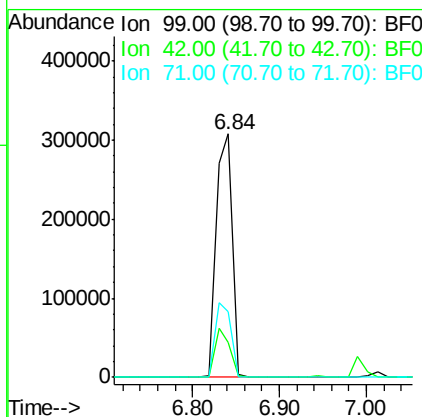
99 100

42 14.6 18.5 27.7#

71 27.1 28.5 42.7#

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#8

2-Chlorophenol

Concen: 45.73 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

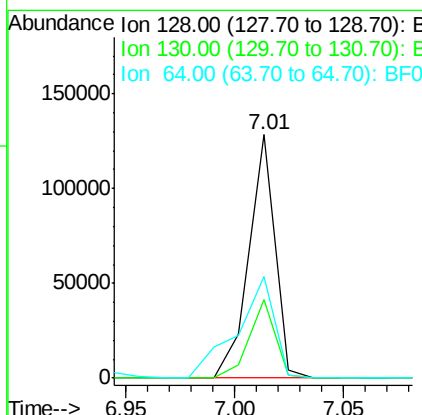
Tgt Ion: 128 Resp: 106937

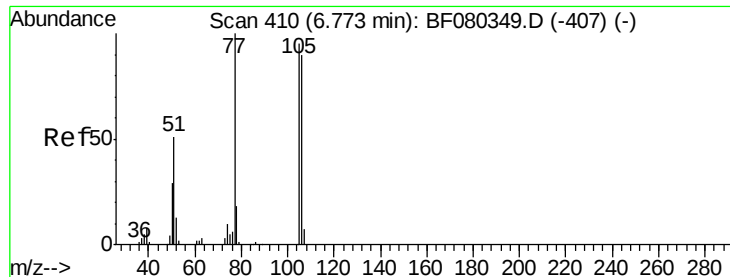
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 41.5 21.1 61.1





#9

Benzaldehyde

Concen: 38.02 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080380.D

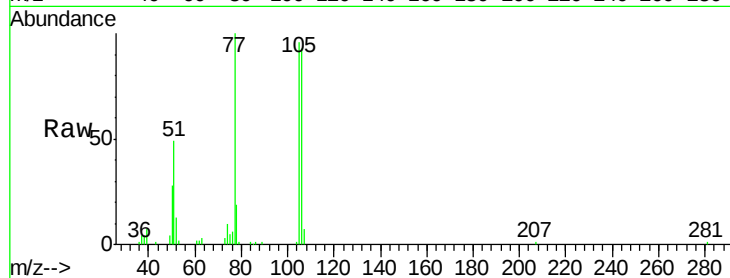
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Instrument :

BNA_F

ClientSampleId :

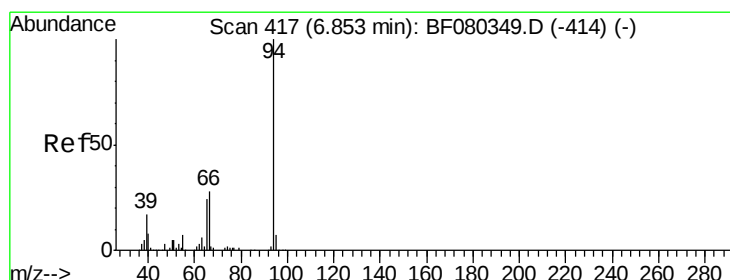
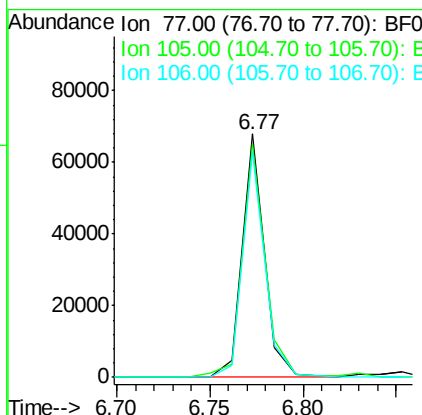
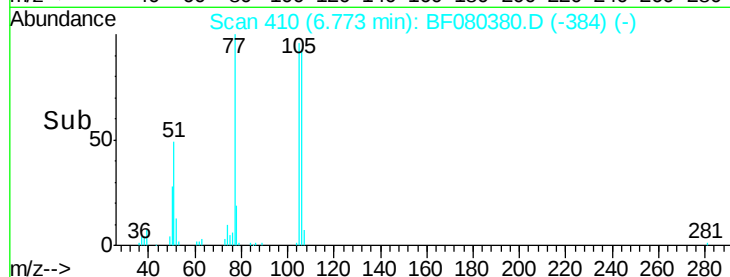
BOTTOMWEST-1MSD



Tgt Ion:	77	Resp:	56546
Ion	Ratio	Lower	Upper
77	100		
105	96.1	75.2	115.2
106	92.9	69.9	109.9

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#10

Phenol

Concen: 48.14 ng

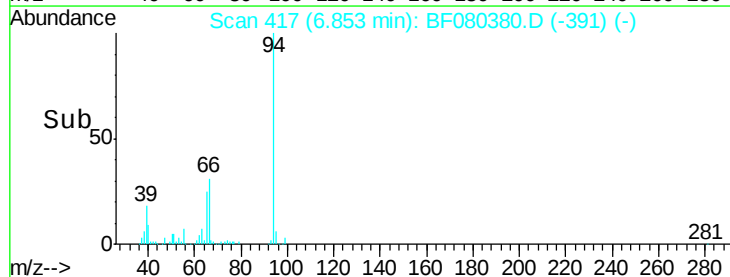
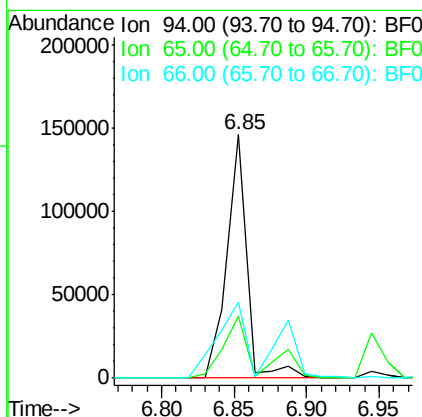
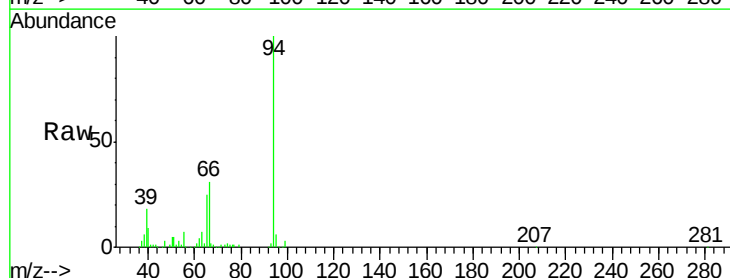
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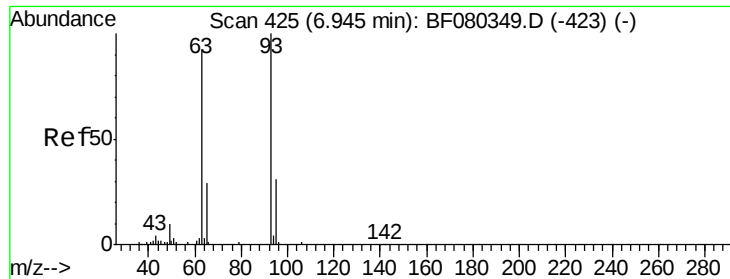
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	94	Resp:	139588
Ion	Ratio	Lower	Upper
94	100		
65	25.2	3.5	43.5
66	31.4	8.5	48.5





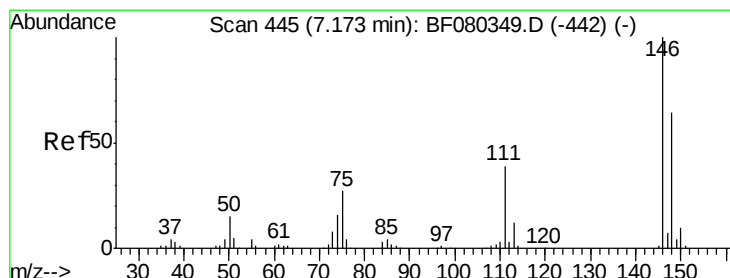
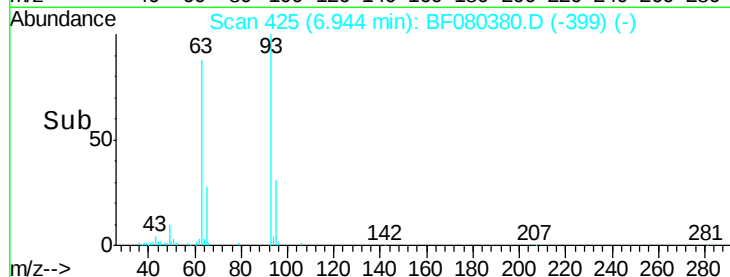
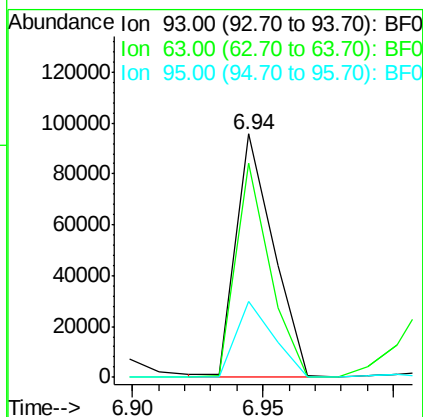
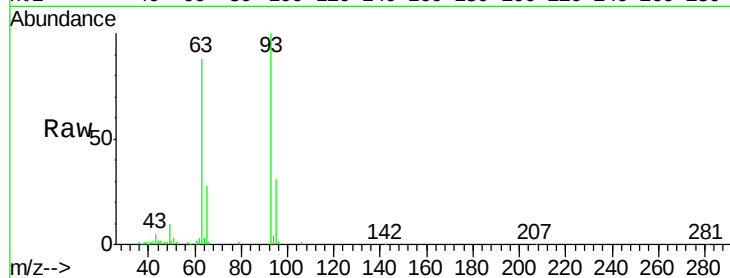
#11
bis(2-Chloroethyl)ether
Concen: 44.47 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.2	71.3	111.3
95	31.3	11.3	51.3

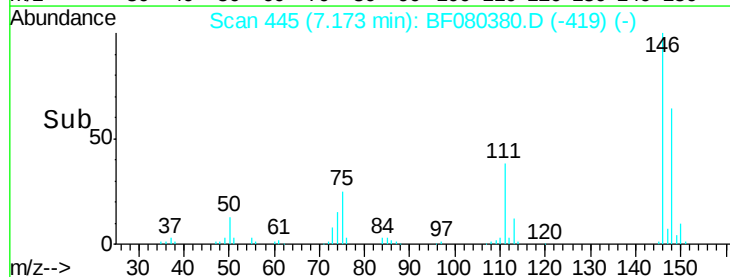
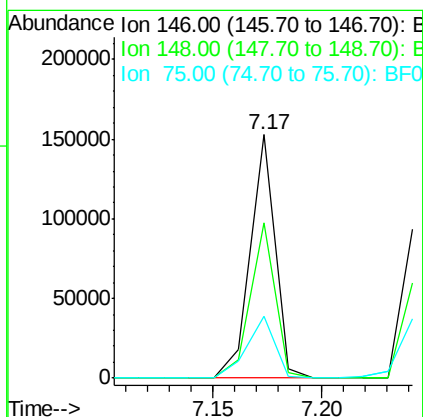
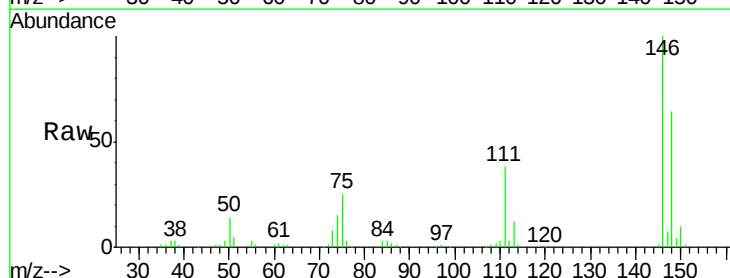
Manual Integrations
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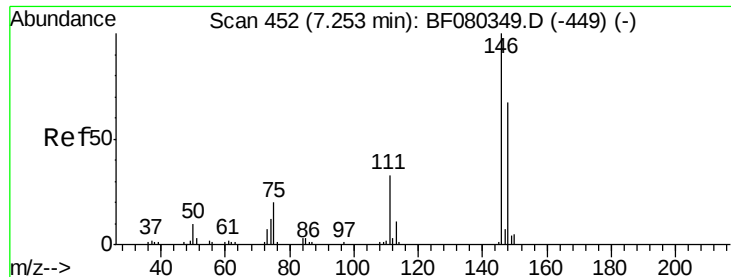
apatel
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#12
1,3-Dichlorobenzene
Concen: 42.22 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
75	25.3	21.5	32.3





#13

1,4-Dichlorobenzene

Concen: 42.09 ng m

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

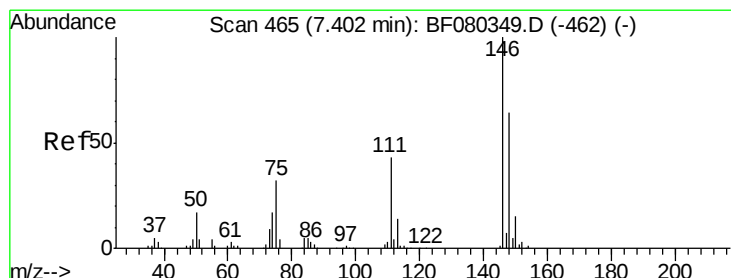
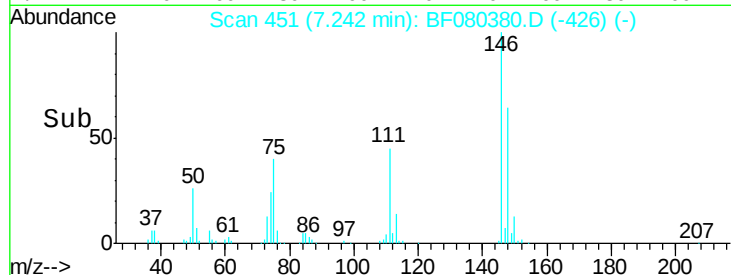
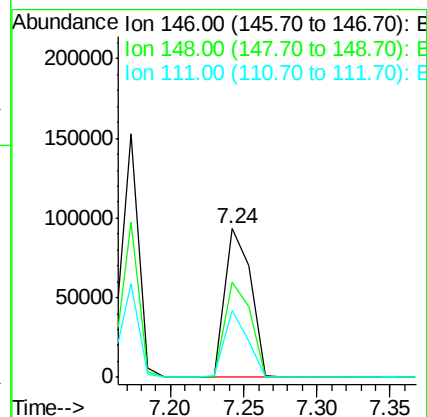
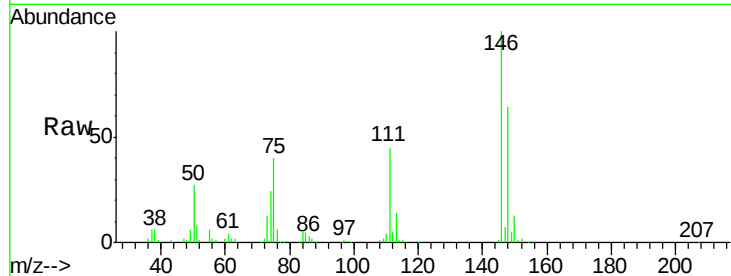
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	146	Resp:	112843
Ion Ratio	Lower	Upper	
146	100		
148	63.8	53.4	80.0
111	45.2	26.2	39.2

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#14

1,2-Dichlorobenzene

Concen: 43.98 ng

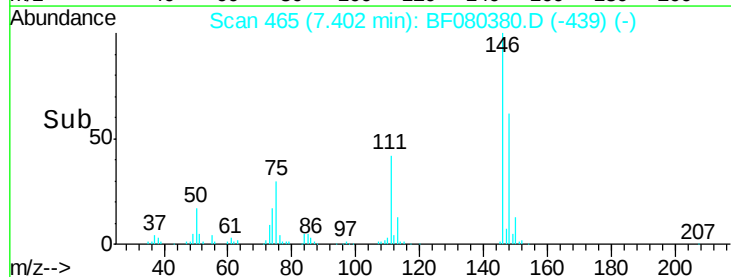
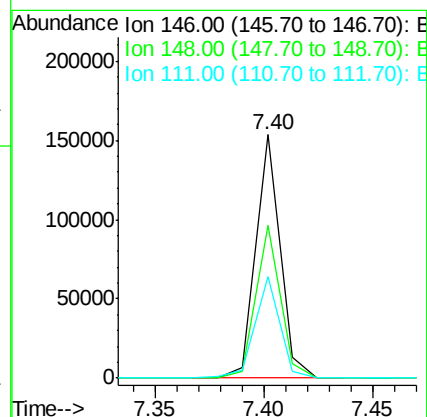
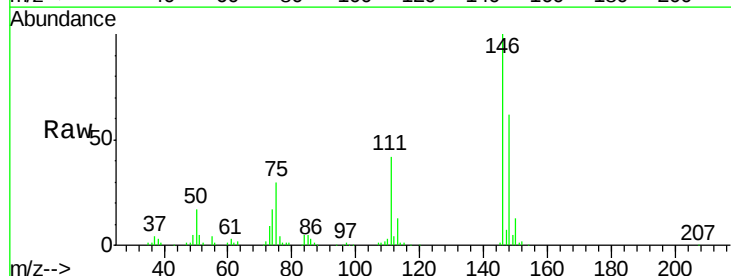
RT: 7.40 min Scan# 465

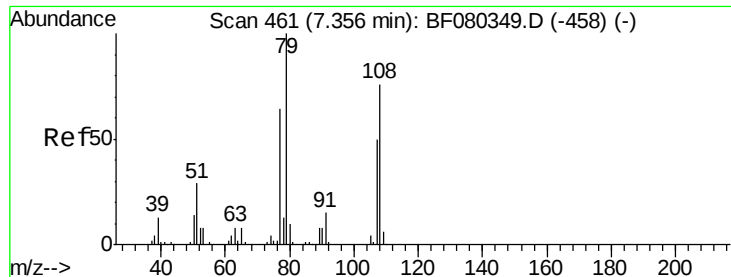
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	146	Resp:	119330
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.3	76.9
111	41.8	34.6	52.0





#15

Benzyl Alcohol

Concen: 46.13 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

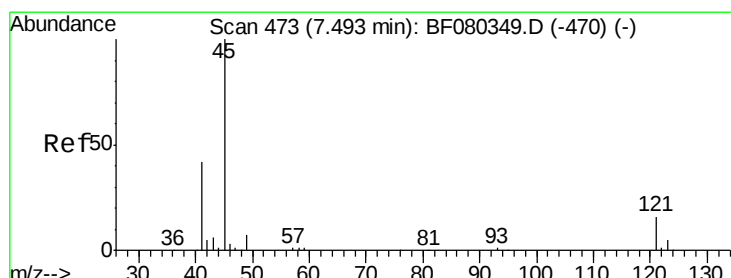
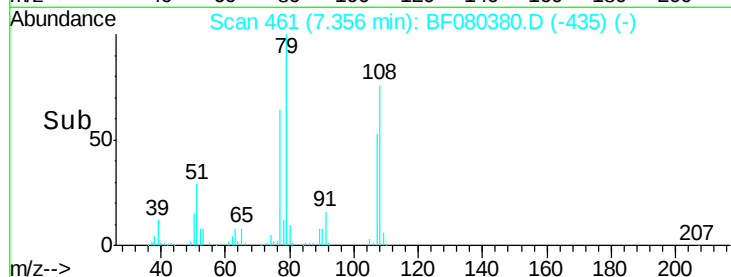
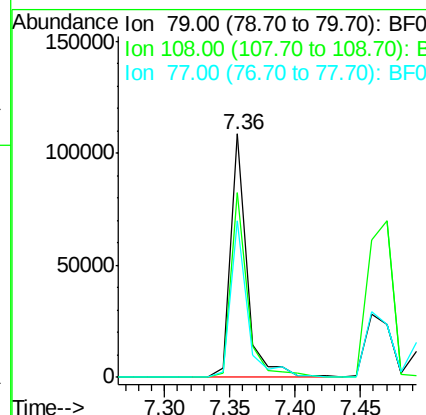
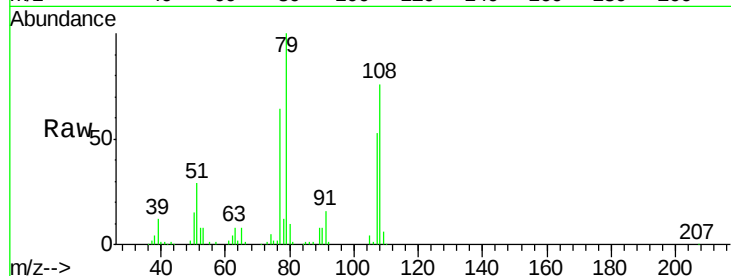
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	79	Resp:	95491
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.6	90.8
77	64.2	50.8	76.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.70 ng

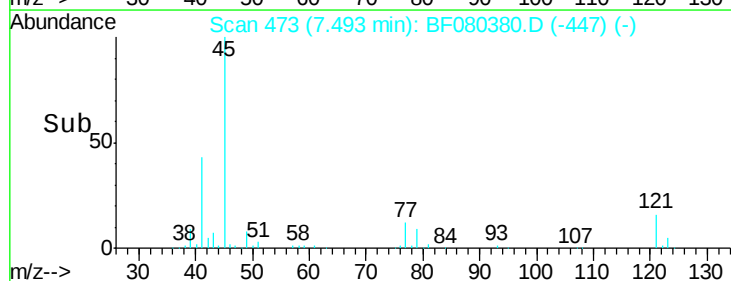
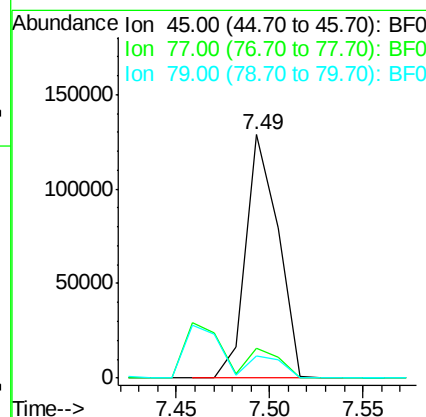
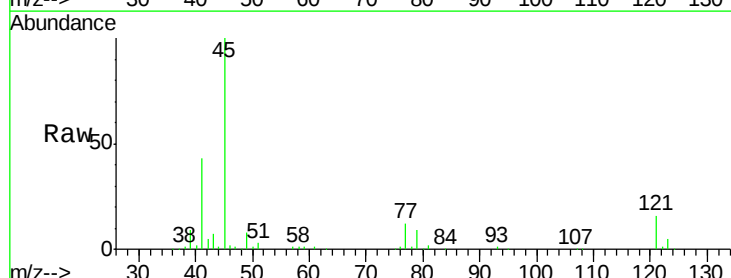
RT: 7.49 min Scan# 473

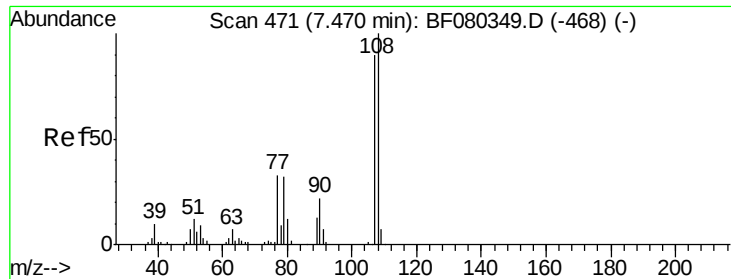
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	45	Resp:	154562
Ion Ratio	Lower	Upper	
45	100		
77	12.3	0.0	31.9
79	9.2	0.0	29.7





#17

2-Methylphenol

Concen: 44.42 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF080380.D

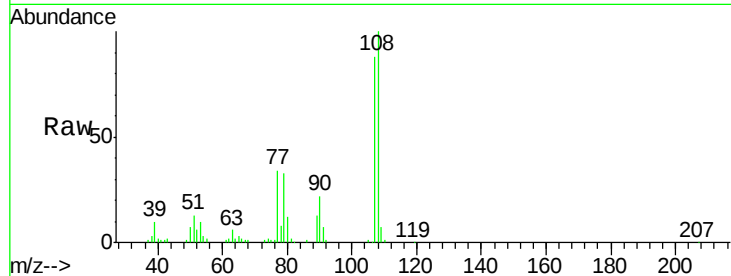
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

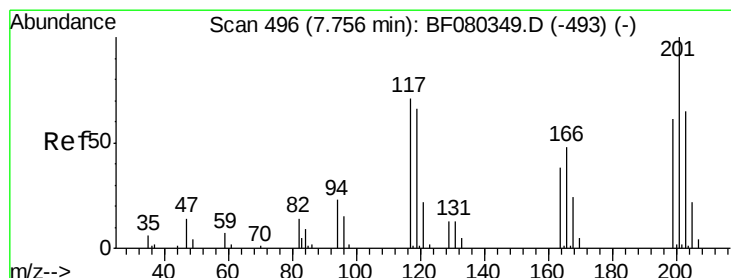
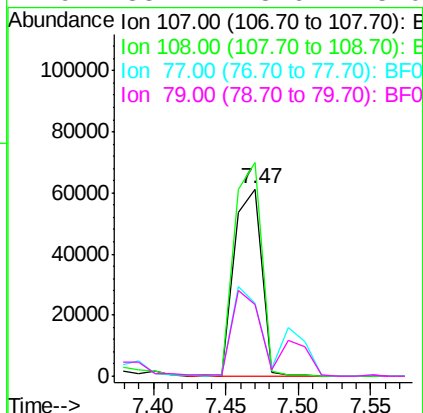
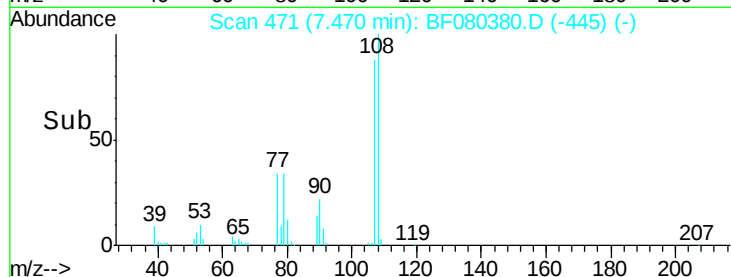
BOTTOMWEST-1MSD



Tgt Ion:	107	Resp:	80512
Ion Ratio	Lower	Upper	
107	100		
108	114.2	89.3	133.9
77	38.8	29.5	44.3
79	38.2	28.6	43.0

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#18

Hexachloroethane

Concen: 42.12 ng

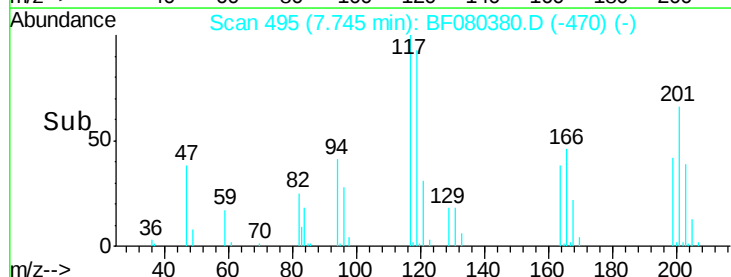
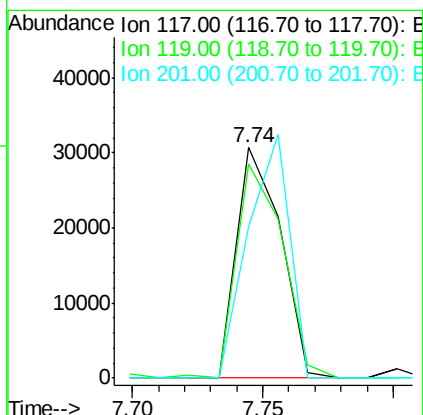
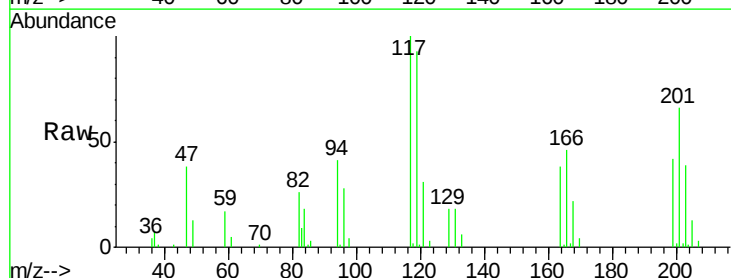
RT: 7.74 min Scan# 495

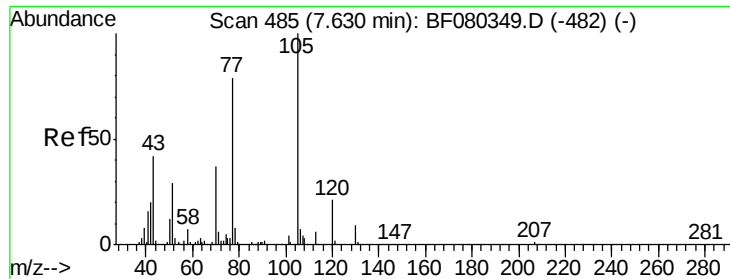
Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	117	Resp:	36285
Ion Ratio	Lower	Upper	
117	100		
119	92.7	74.2	111.4
201	65.6	112.4	168.6#





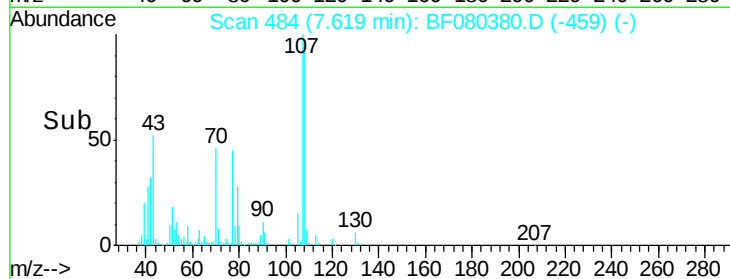
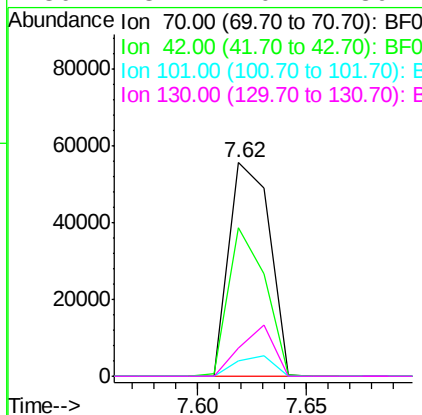
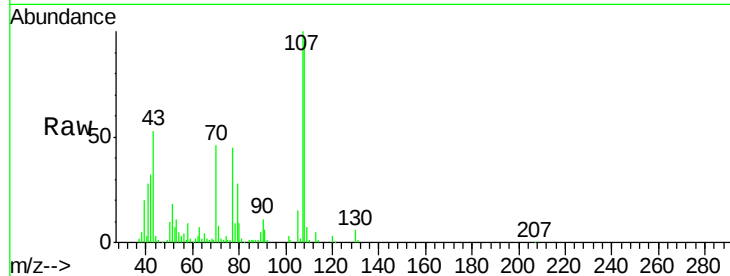
#19
n-Nitroso-di-n-propylamine
Concen: 41.59 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	69.5	43.0	64.6#
101	7.1	8.3	12.5#
130	13.4	20.2	30.2#

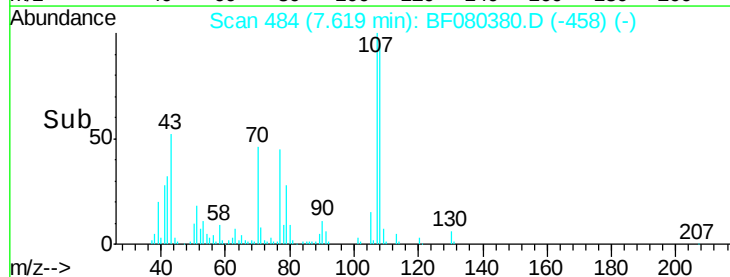
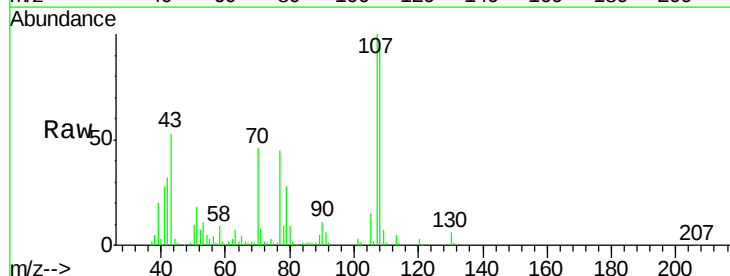
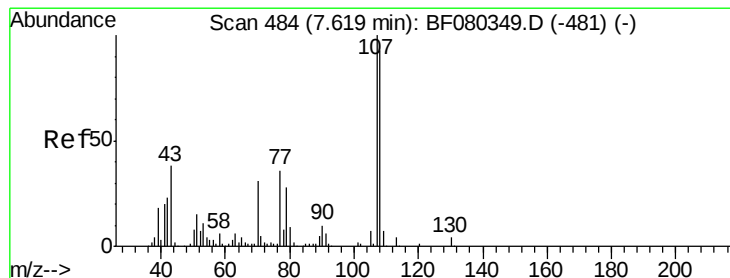
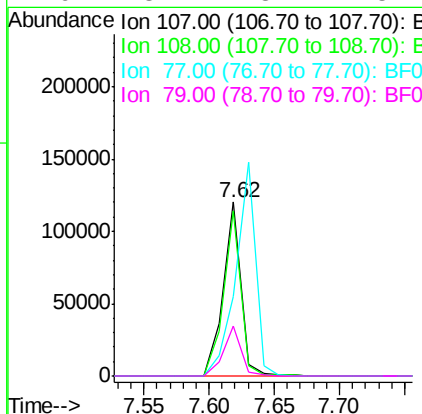
Manual Integrations
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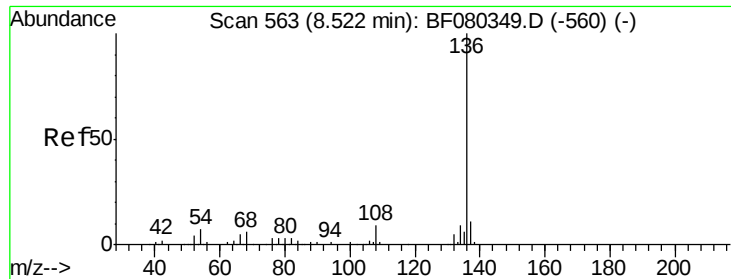
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#20
3+4-Methylphenols
Concen: 45.59 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.9	73.4	113.4
77	45.4	16.4	56.4
79	28.4	8.2	48.2





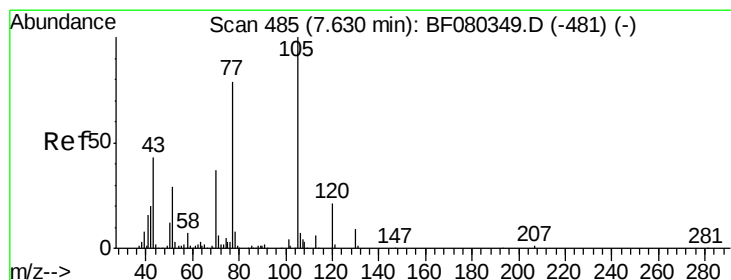
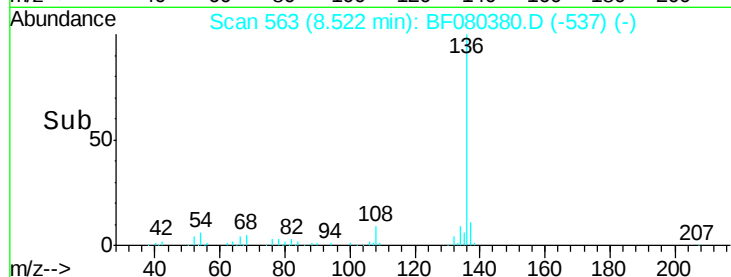
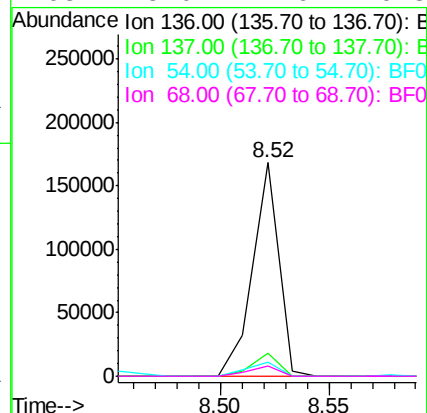
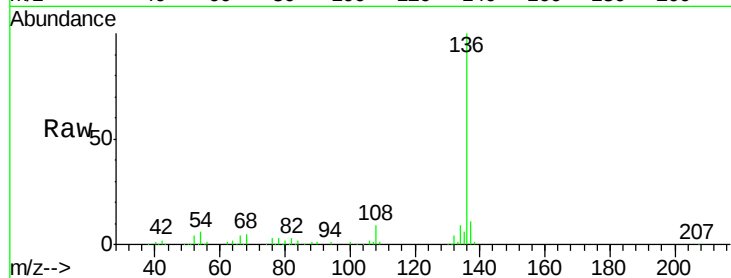
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	139944		
137	10.9	8.5	12.7	
54	6.4	5.8	8.8	
68	5.0	4.6	6.8	

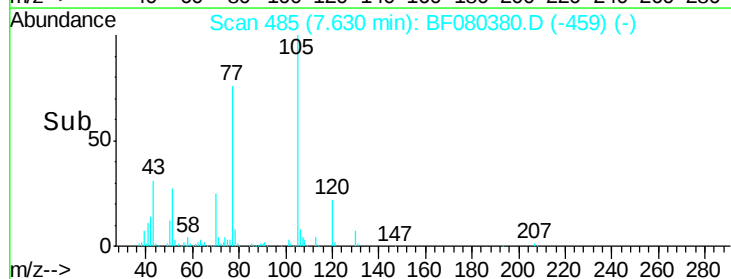
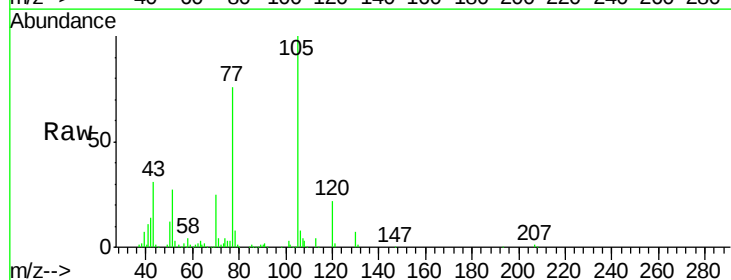
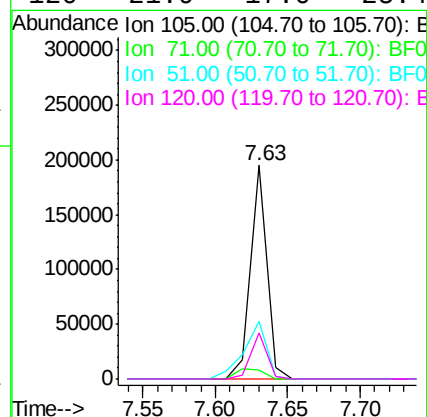
Manual Integrations
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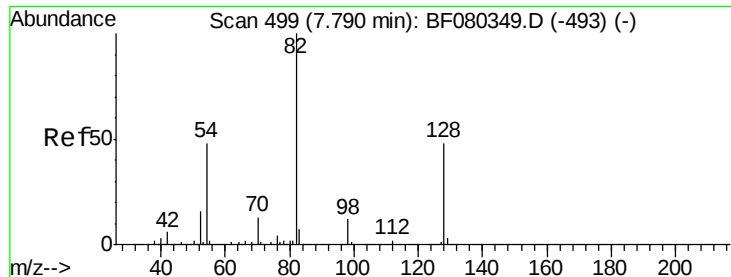
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#22
Acetophenone
Concen: 47.82 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154386		
71	4.1	5.0	7.6#	
51	27.1	23.2	34.8	
120	21.9	17.0	25.4	





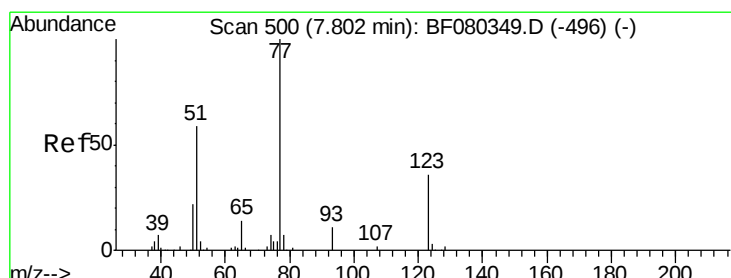
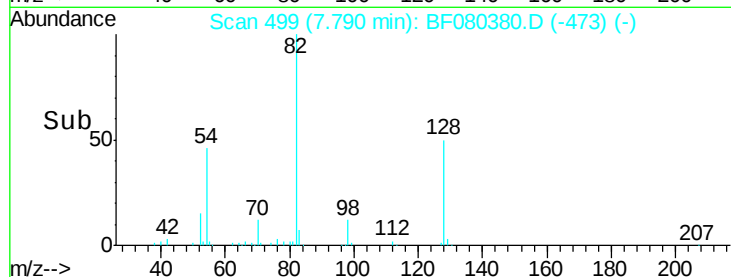
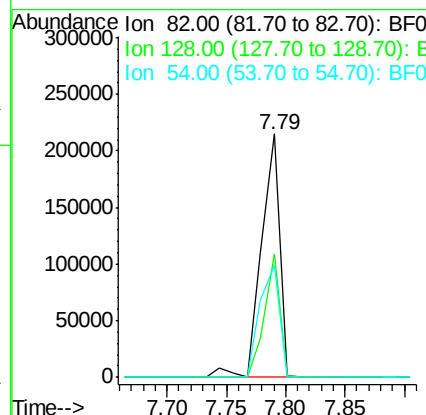
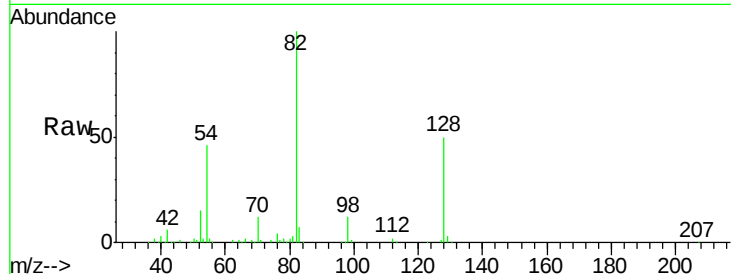
#23
 Nitrobenzene-d5
 Concen: 97.35 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	233585		
128	50.4	38.4	57.6	
54	46.2	38.2	57.2	

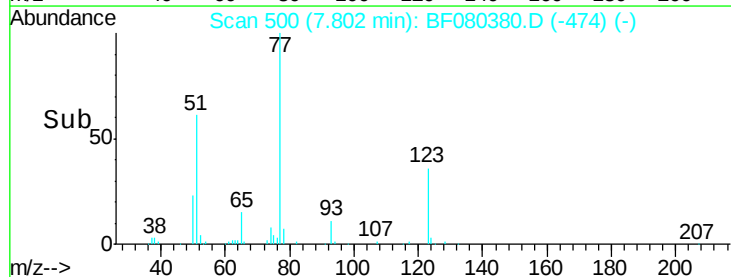
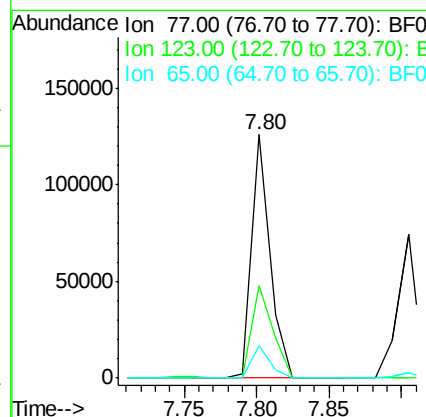
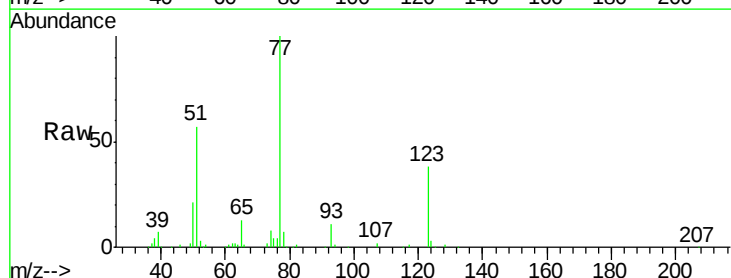
Manual Integrations
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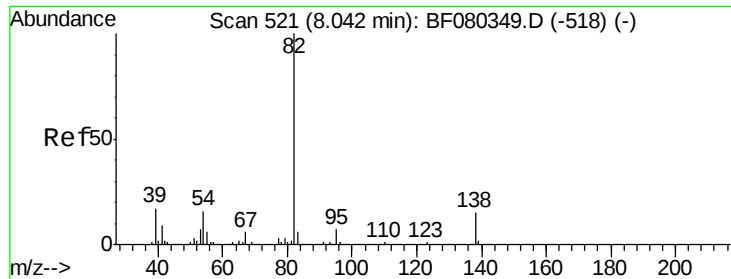
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#24
 Nitrobenzene
 Concen: 45.98 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	110825		
123	38.0	29.6	44.4	
65	13.3	11.1	16.7	





#25

Isophorone

Concen: 46.07 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

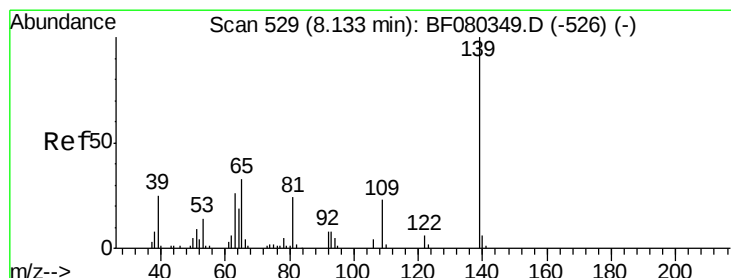
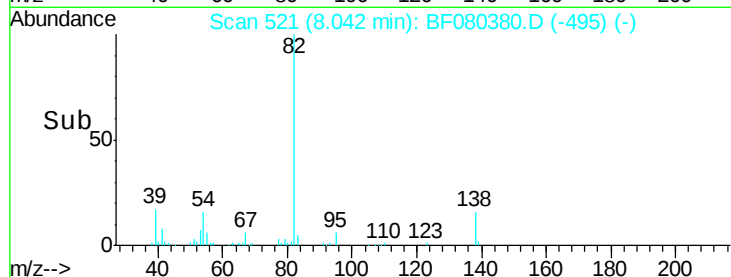
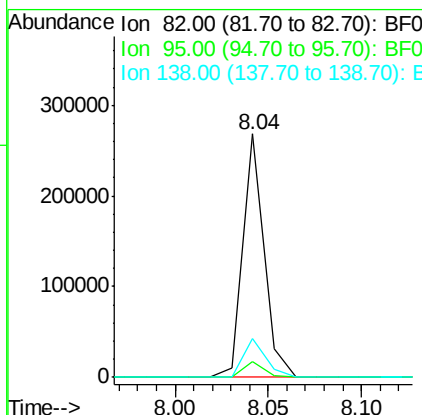
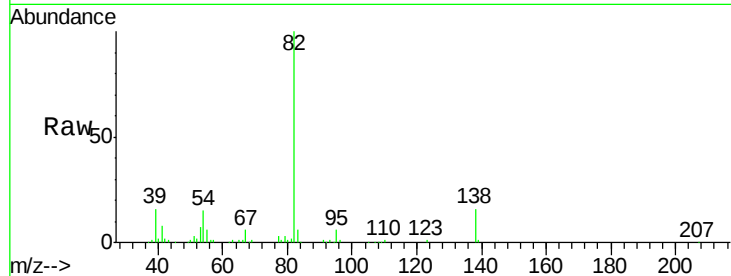
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	82	Resp:	212739
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	15.8	12.0	18.0

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#26

2-Nitrophenol

Concen: 45.52 ng

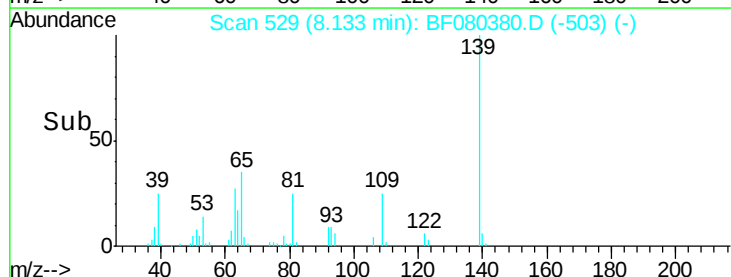
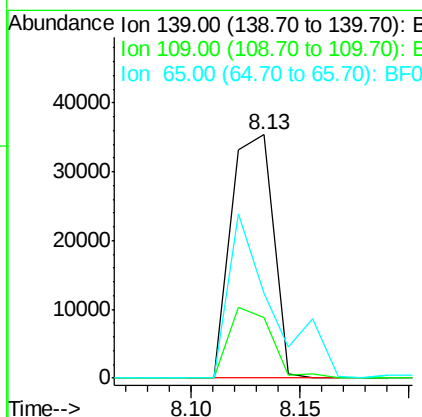
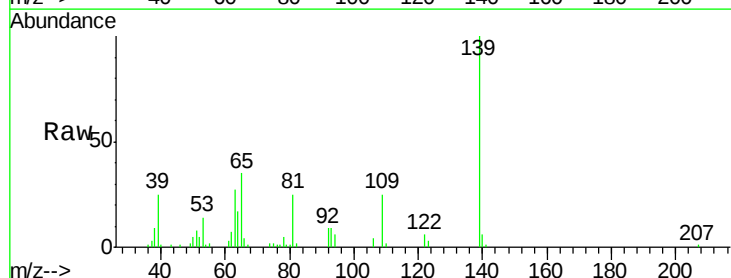
RT: 8.13 min Scan# 529

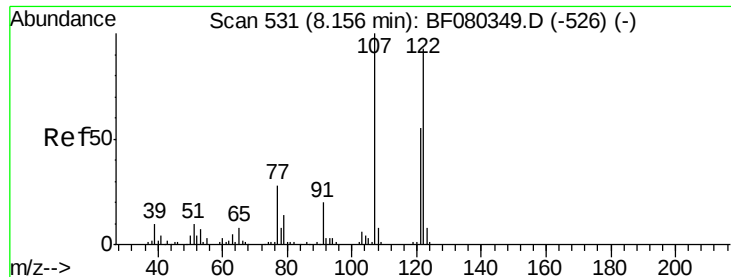
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	139	Resp:	47476
Ion Ratio	Lower	Upper	
139	100		
109	24.9	18.4	27.6
65	34.7	26.7	40.1





#27

2,4-Dimethylphenol

Concen: 47.36 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

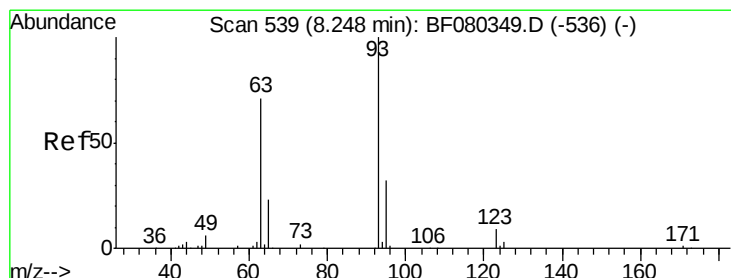
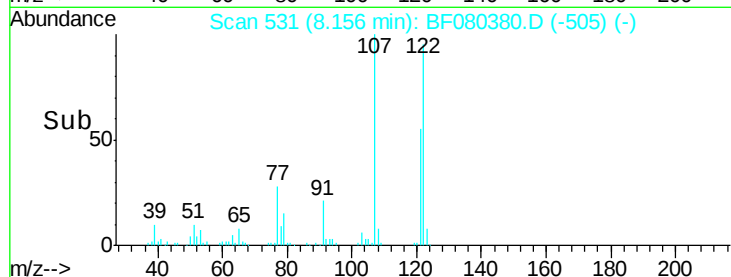
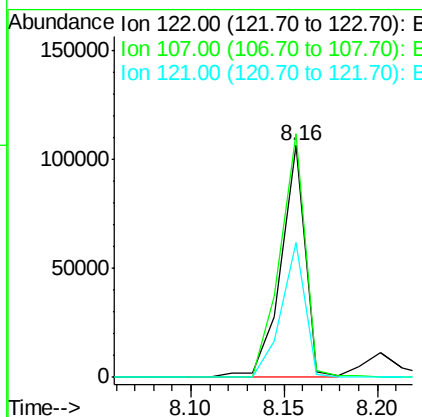
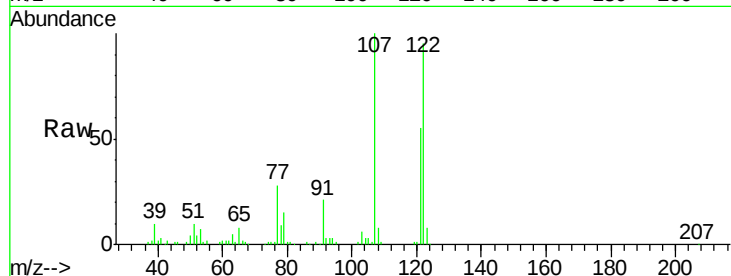
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	122	Resp:	97191
Ion Ratio	Lower	Upper	
122	100		
107	105.2	85.8	128.6
121	58.1	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 47.27 ng

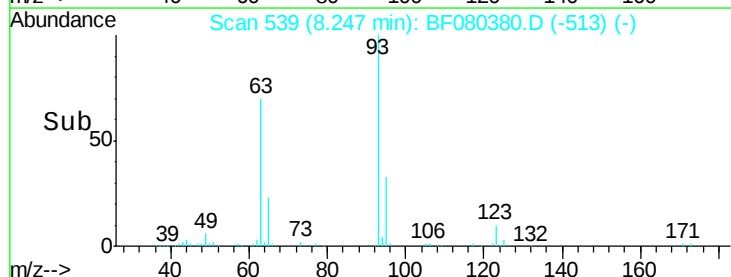
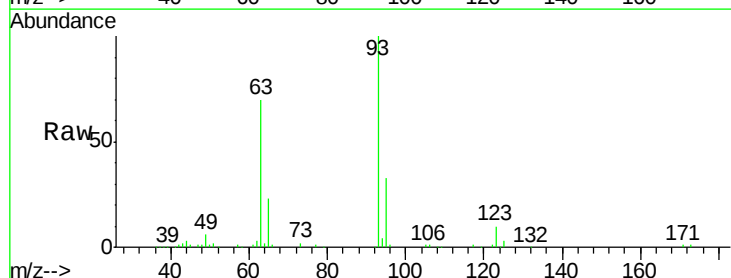
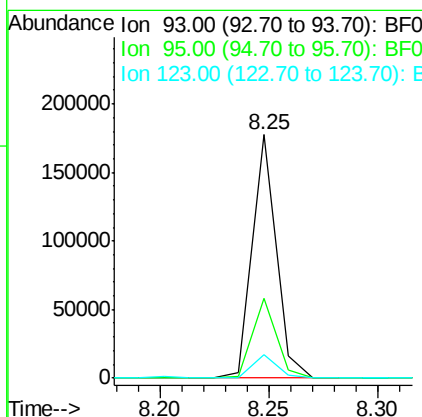
RT: 8.25 min Scan# 539

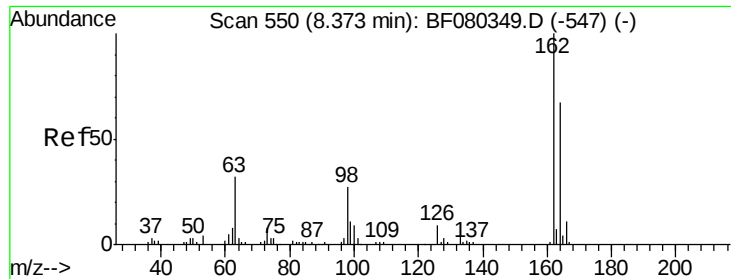
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	93	Resp:	135593
Ion Ratio	Lower	Upper	
93	100		
95	32.5	25.3	37.9
123	9.7	7.8	11.6





#29

2,4-Dichlorophenol

Concen: 48.70 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

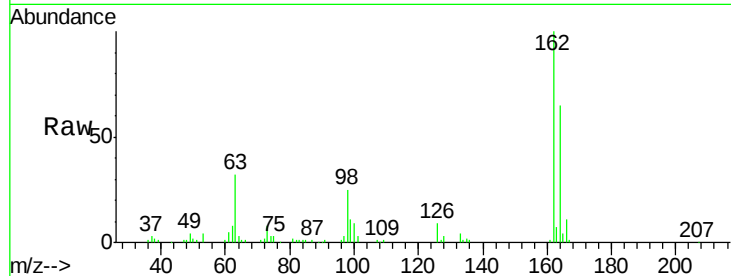
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	162	Resp:	88726
Ion Ratio	Lower	Upper	
162	100		
164	64.6	47.0	87.0
98	24.6	6.6	46.6

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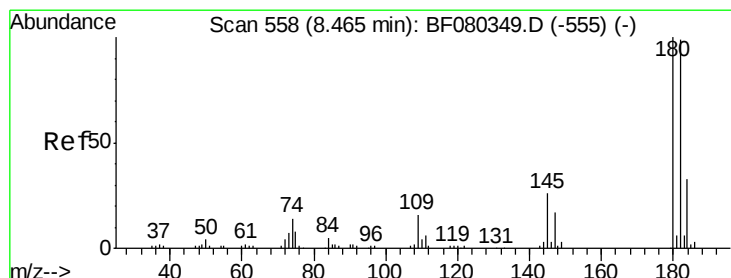
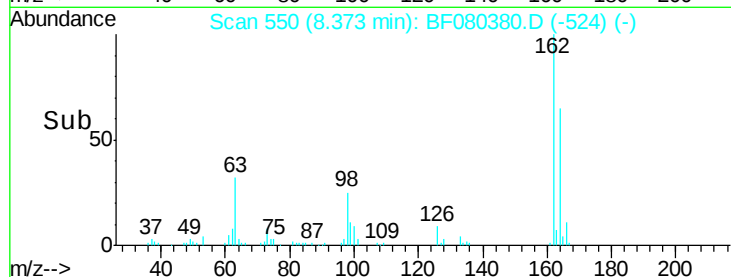
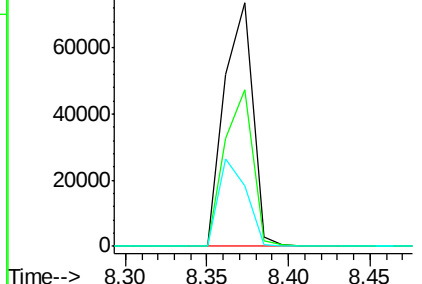
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.80 ng

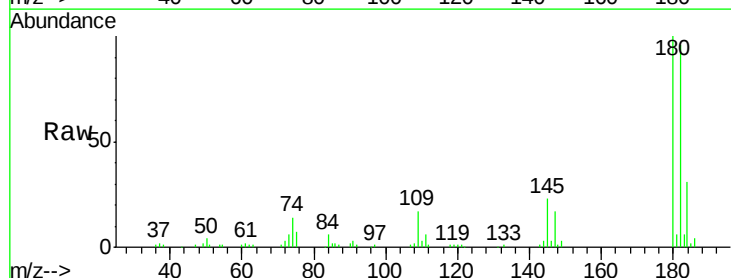
RT: 8.46 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

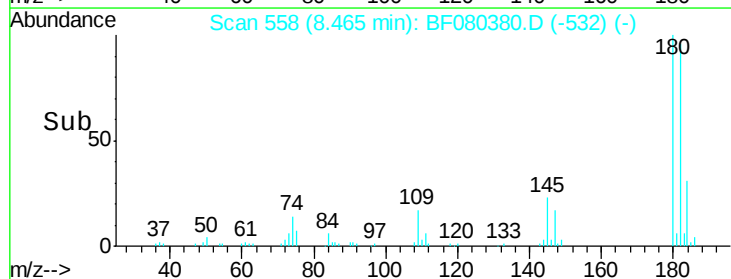
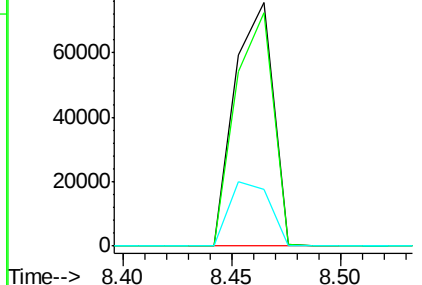
Tgt Ion:	180	Resp:	92683
Ion Ratio	Lower	Upper	
180	100		
182	96.1	79.0	118.4
145	23.4	20.5	30.7

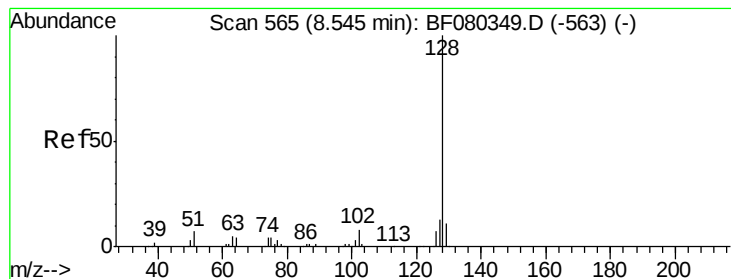


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.40 ng

RT: 8.54 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

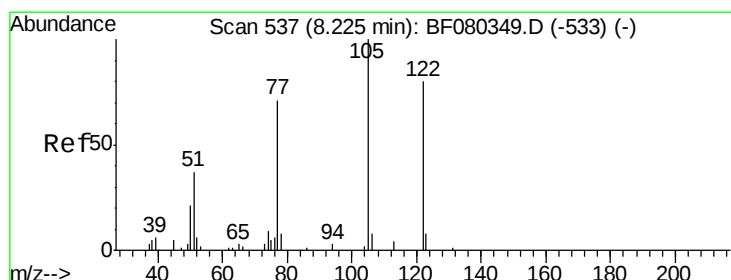
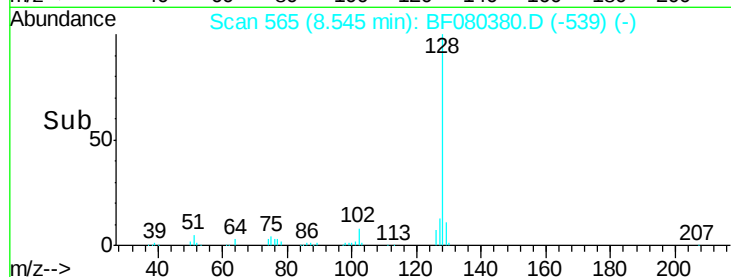
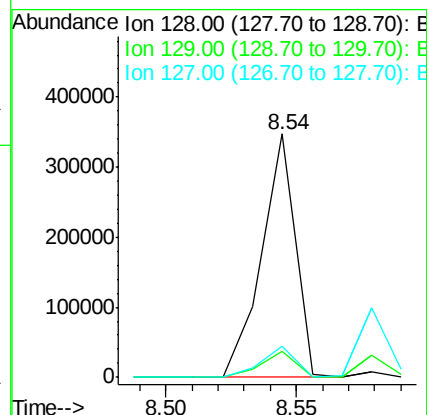
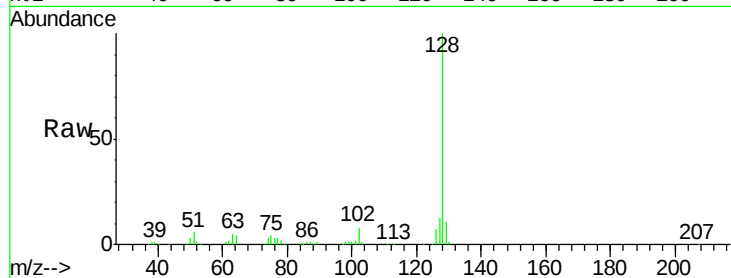
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	128	Resp:	311509
Ion Ratio		Lower	Upper
128	100		
129	10.9	8.8	13.2
127	12.8	10.4	15.6

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#32

Benzoic acid

Concen: 22.38 ng

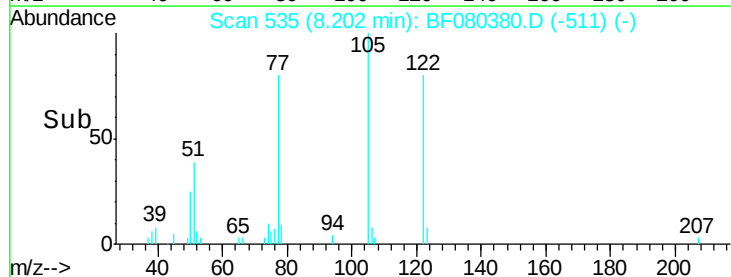
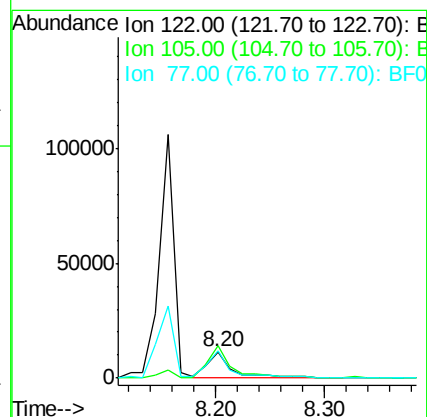
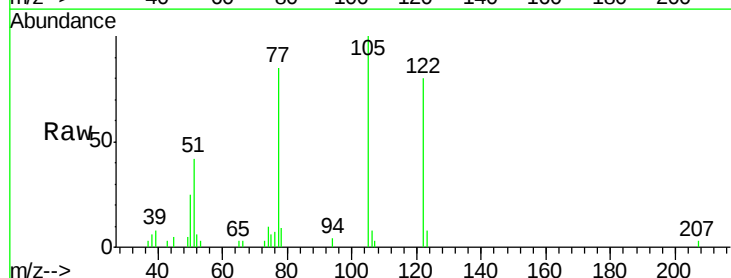
RT: 8.20 min Scan# 535

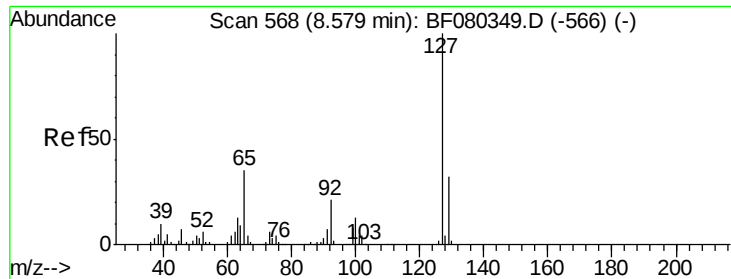
Delta R.T. -0.02 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

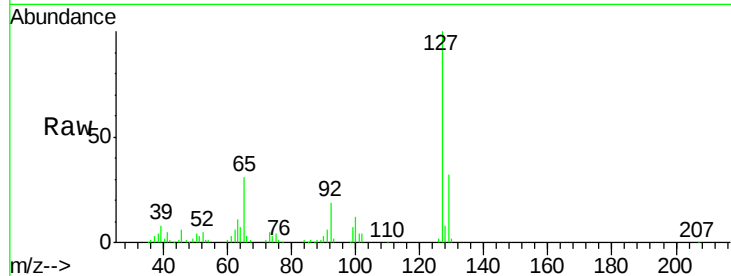
Tgt Ion:	122	Resp:	18541
Ion Ratio		Lower	Upper
122	100		
105	124.3	102.2	142.2
77	105.4	68.8	108.8





#33
4-Chloroaniline
Concen: 27.52 ng m
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

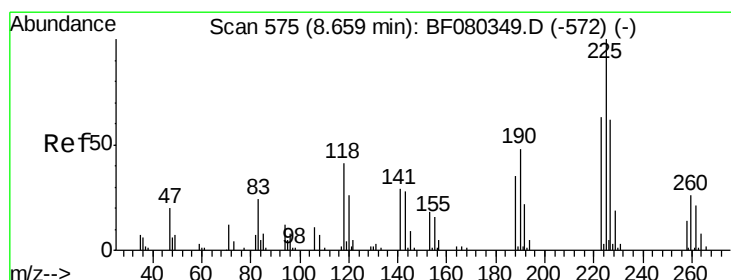
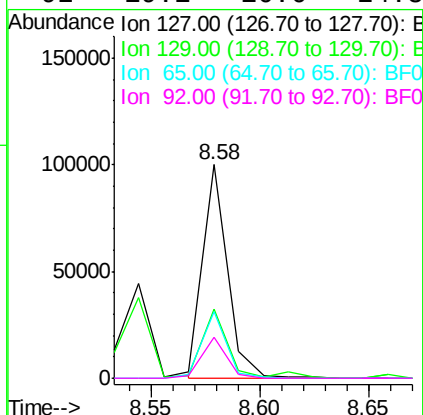
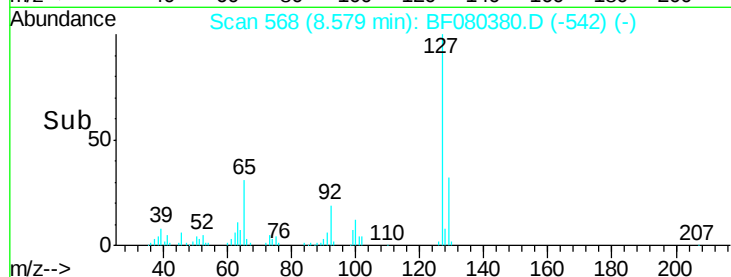
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		78732		
129	32.2	26.2	39.2		
65	31.4	28.1	42.1		
92	19.1	16.6	24.8		

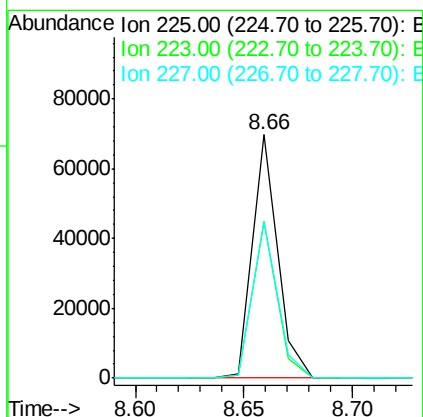
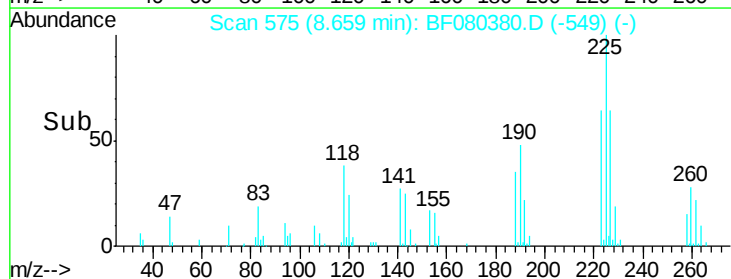
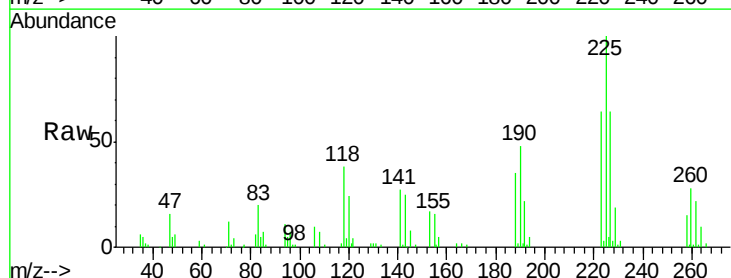
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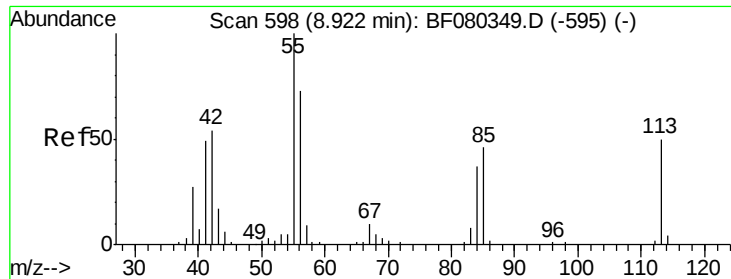
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#34
Hexachlorobutadiene
Concen: 42.44 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		55910		
223	64.1	50.3	75.5		
227	64.2	49.4	74.2		





#35

Caprolactam

Concen: 43.52 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080380.D

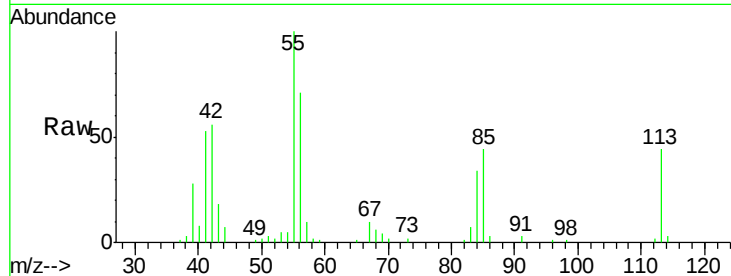
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD



Tgt Ion:113 Resp: 24489

Ion Ratio Lower Upper

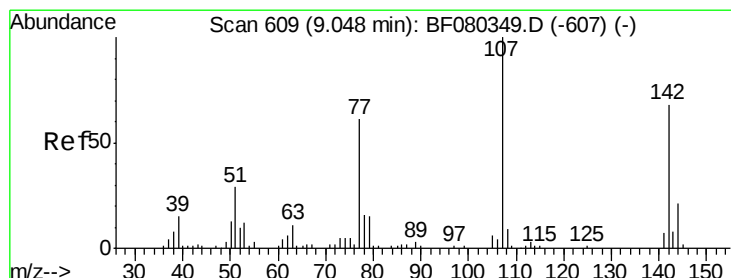
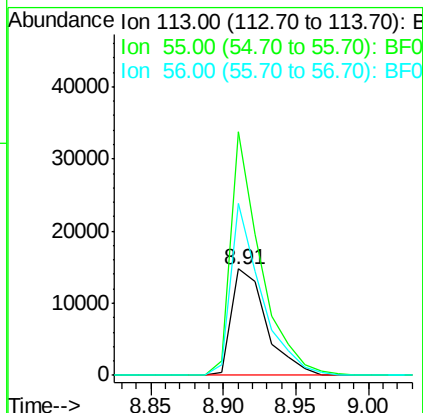
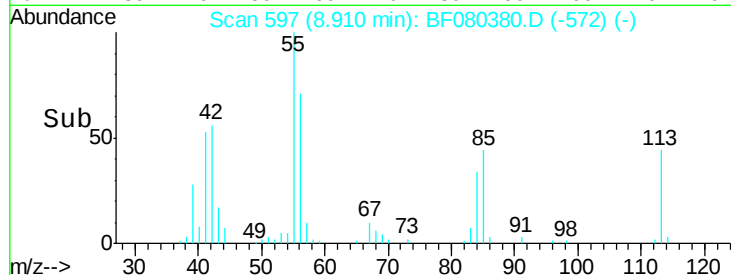
113 100

55 229.4 181.4 221.4#

56 162.4 127.3 167.3

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#36

4-Chloro-3-methylphenol

Concen: 44.64 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

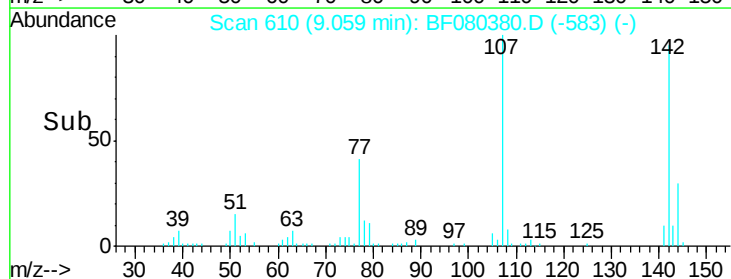
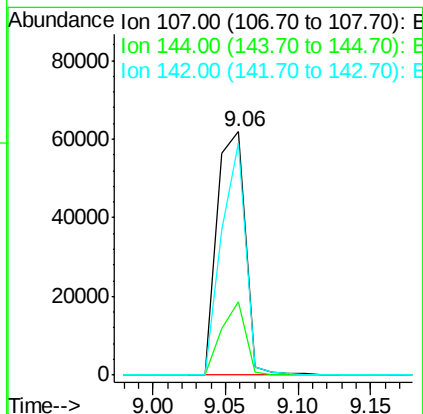
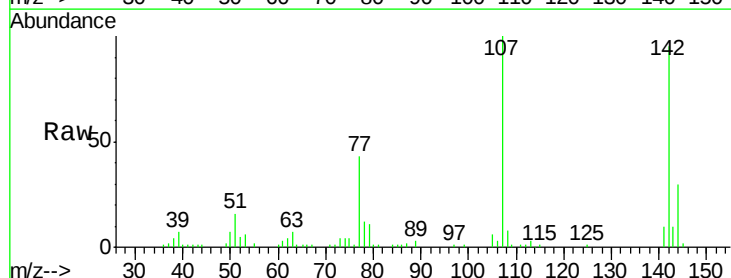
Tgt Ion:107 Resp: 83915

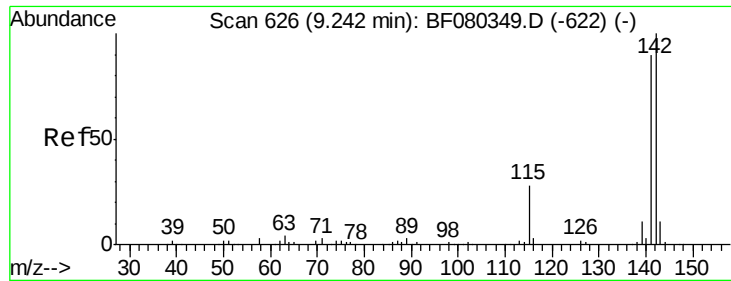
Ion Ratio Lower Upper

107 100

144 30.1 16.7 25.1#

142 95.3 54.4 81.6#





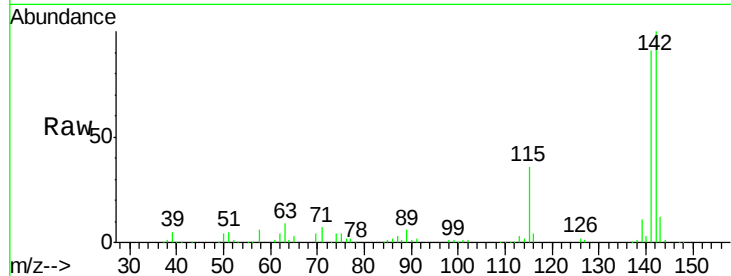
#37
2-Methylnaphthalene
Concen: 43.06 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

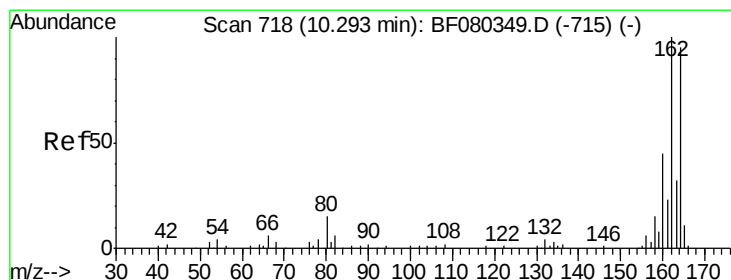
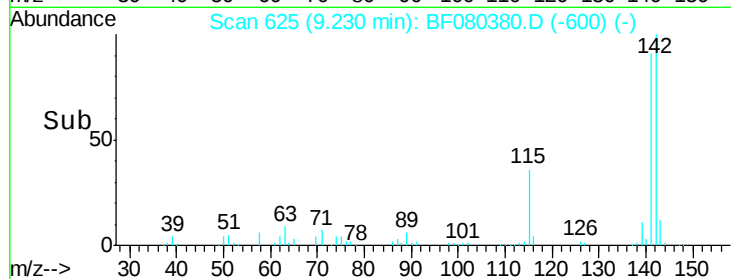
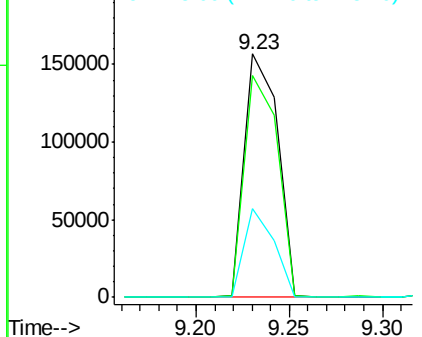
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.8	107.8
115	36.3	22.6	34.0

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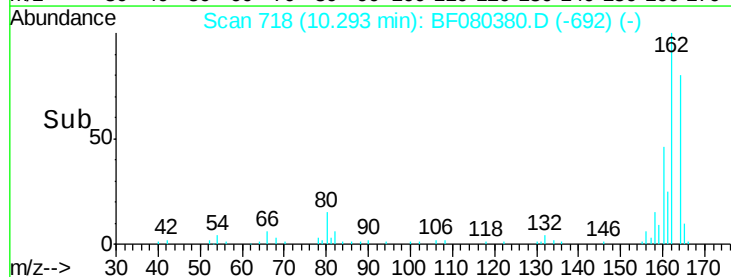
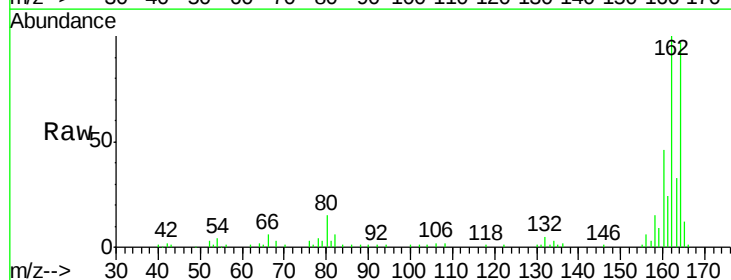
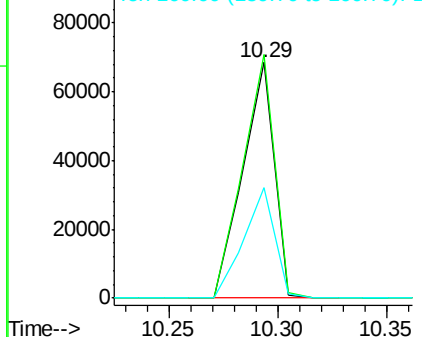
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

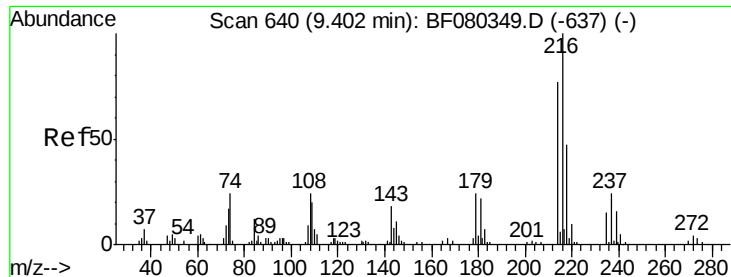


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	84.5	126.7
160	47.1	37.7	56.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.86 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion: 216 Resp: 91092
Ion Ratio Lower Upper

216 100

214 78.6 61.2 91.8

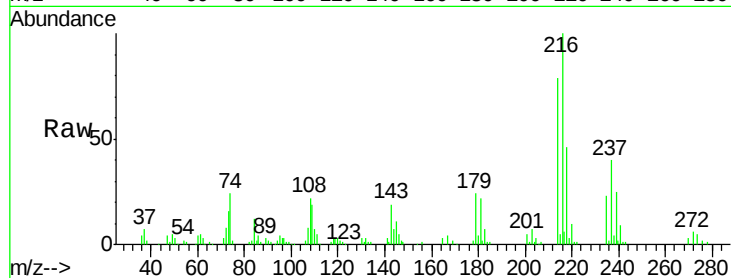
179 21.8 16.9 25.3

108 20.8 16.2 24.4

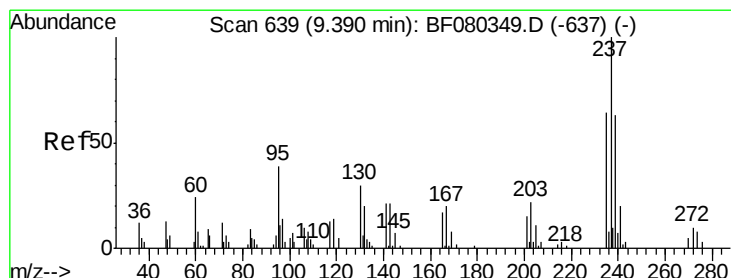
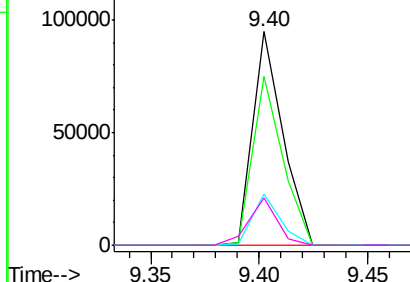
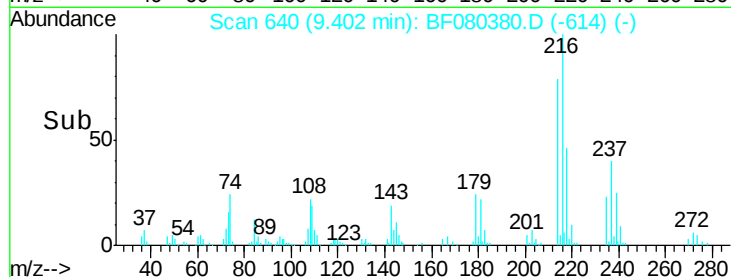
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.71 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080380.D

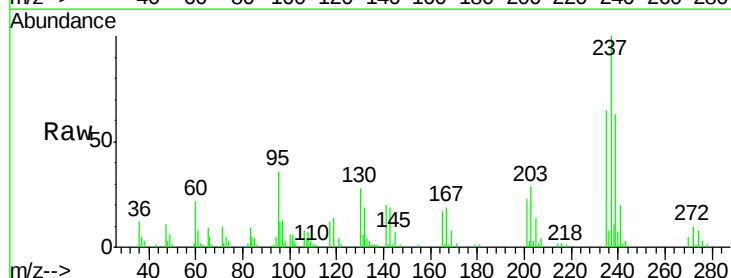
Acq: 7 Jul 2015 19:29

Tgt Ion: 237 Resp: 63148
Ion Ratio Lower Upper

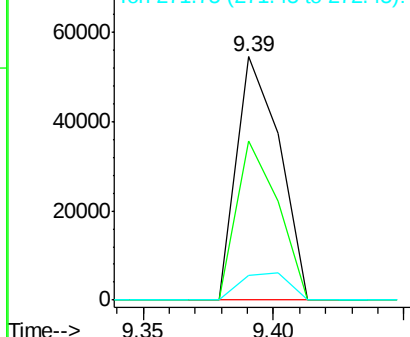
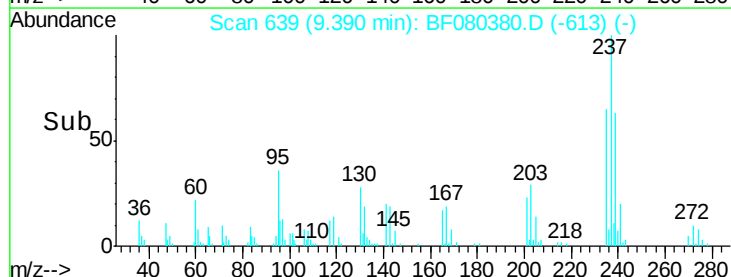
237 100

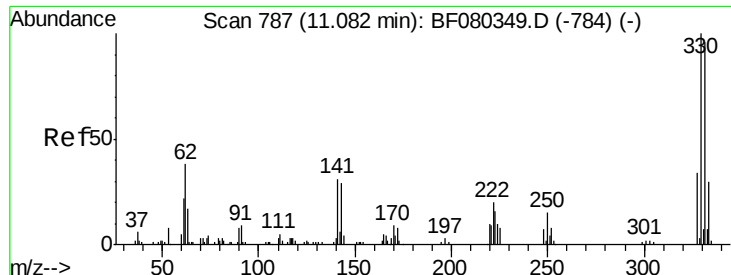
235 65.2 44.2 84.2

272 10.2 0.0 29.7



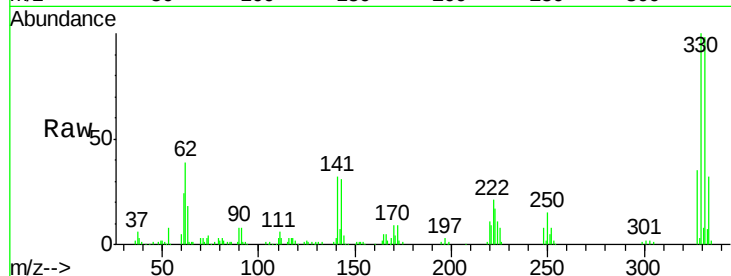
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41
 2,4,6-Tribromophenol
 Concen: 145.44 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

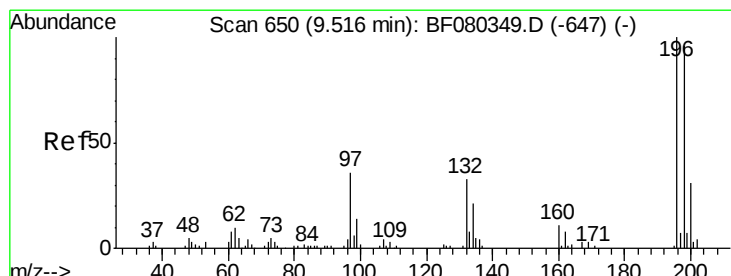
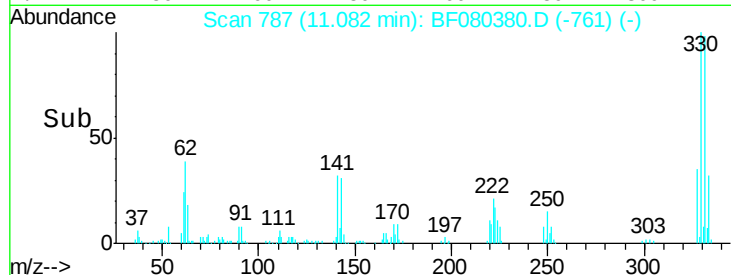
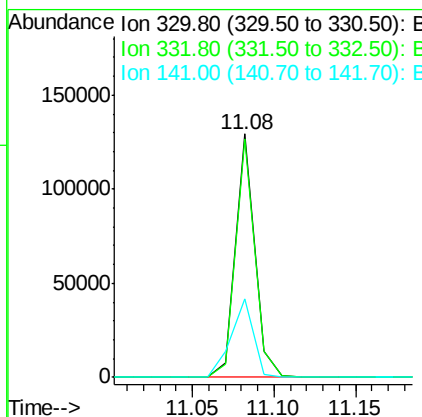
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104486		
332	98.3	77.0	115.4	
141	37.5	29.6	44.4	

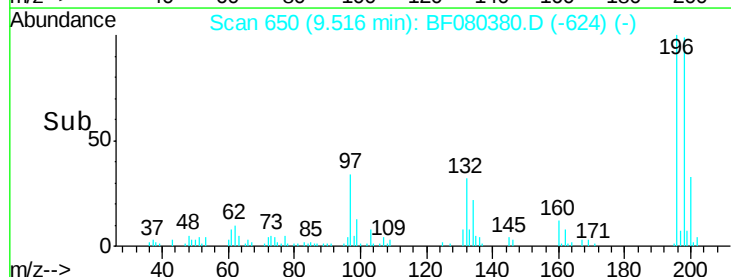
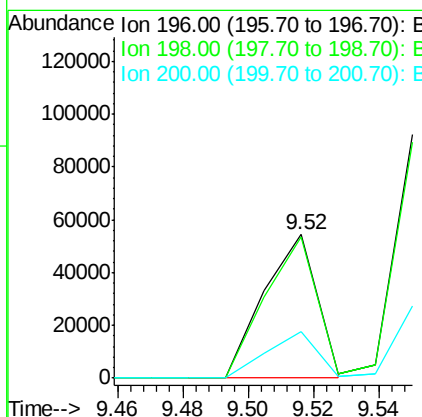
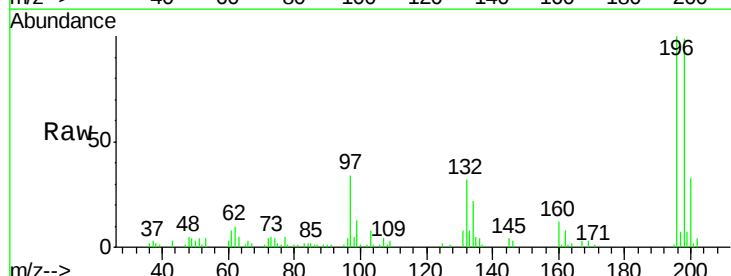
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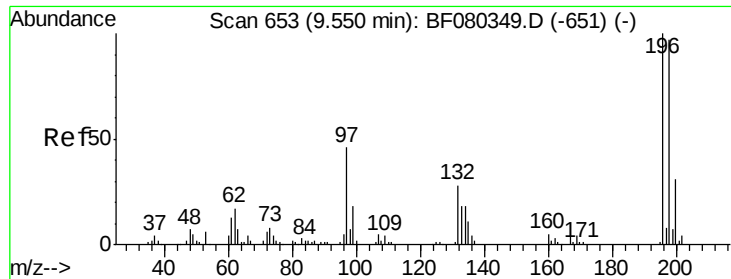
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 42.55 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	60986		
198	98.7	76.4	114.6	
200	32.8	24.6	37.0	





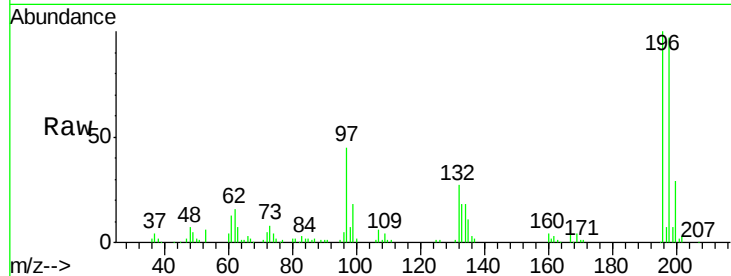
#43
 2,4,5-Trichlorophenol
 Concen: 44.42 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

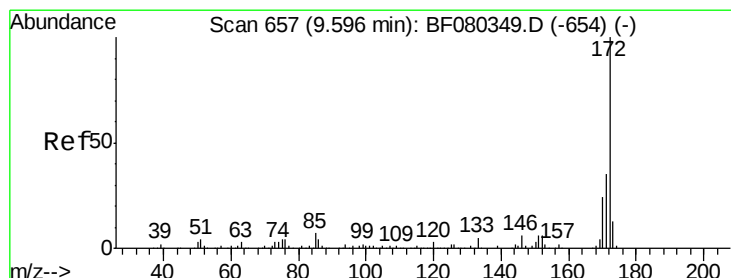
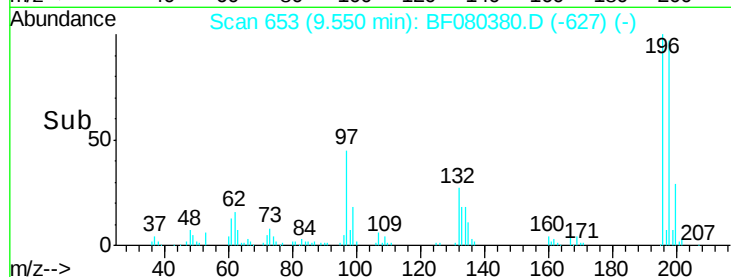
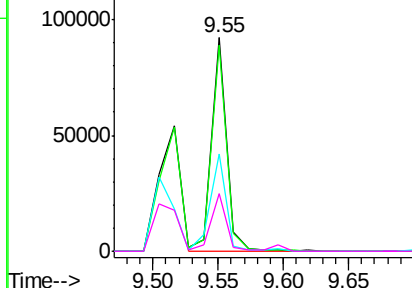
Tgt Ion:	196	Resp:	74210
Ion Ratio	Lower	Upper	
196	100		
198	96.8	77.2	115.8
97	45.4	37.0	55.6
132	27.1	22.2	33.2

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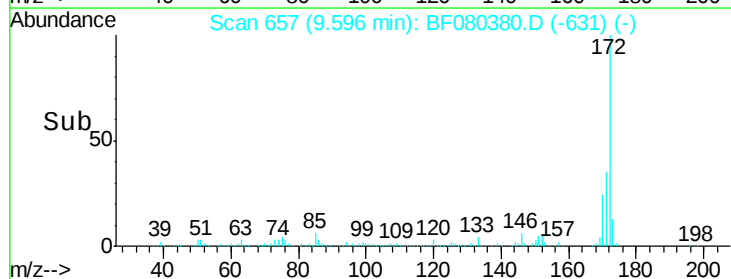
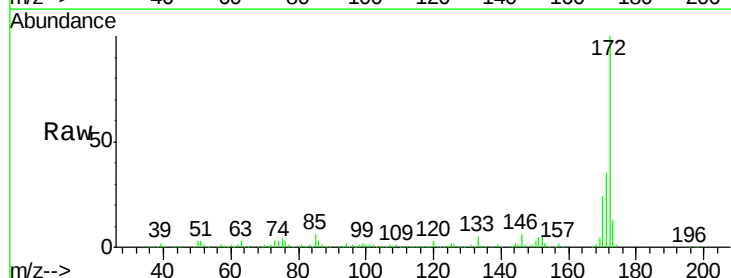
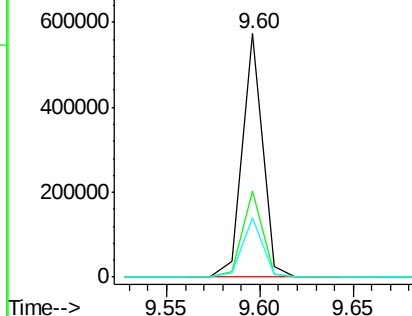
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

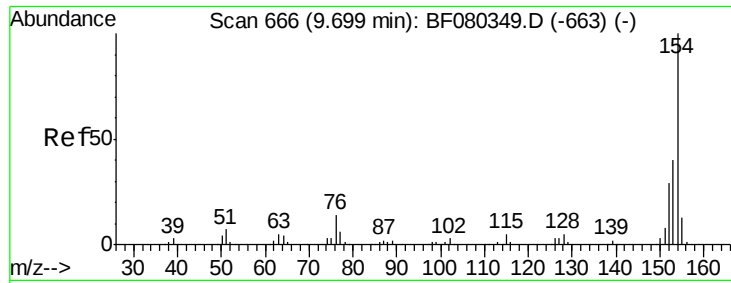


#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion:	172	Resp:	436068
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.3	42.5
170	24.3	19.1	28.7

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





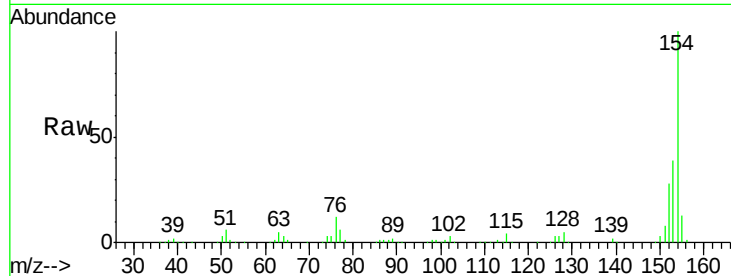
#45
 1,1'-Biphenyl
 Concen: 44.92 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

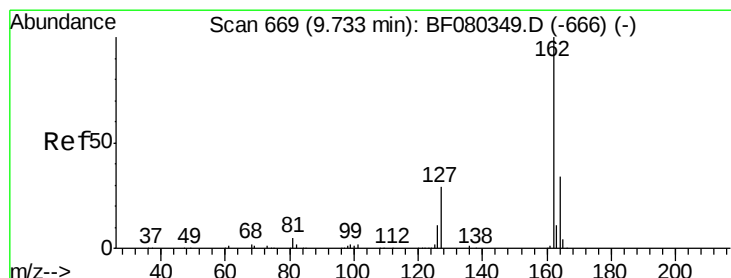
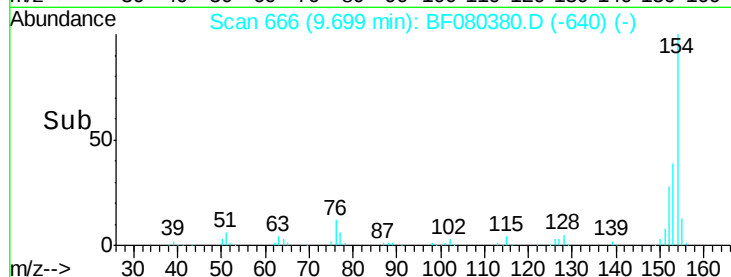
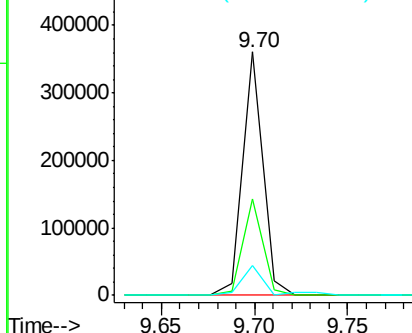
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	19.8	59.8
76	12.2	0.0	33.6

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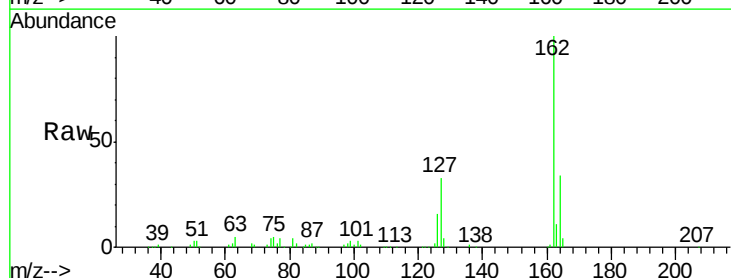


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

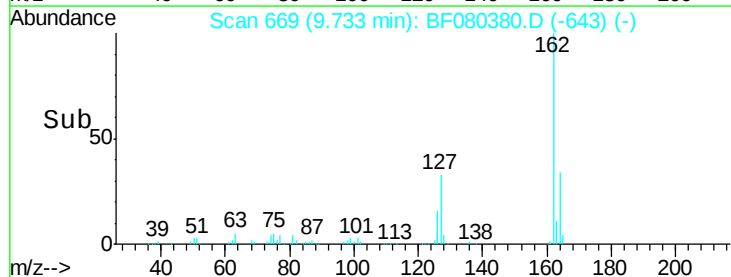
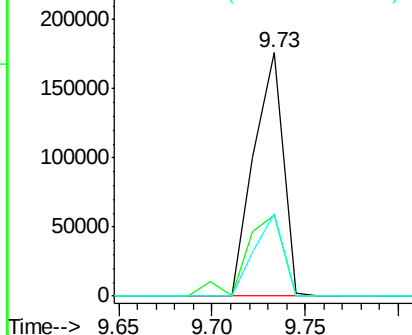


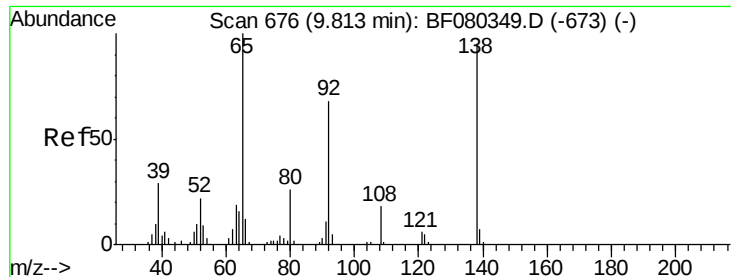
#46
 2-Chloronaphthalene
 Concen: 41.15 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.0	27.3	40.9
164	33.6	27.2	40.8



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





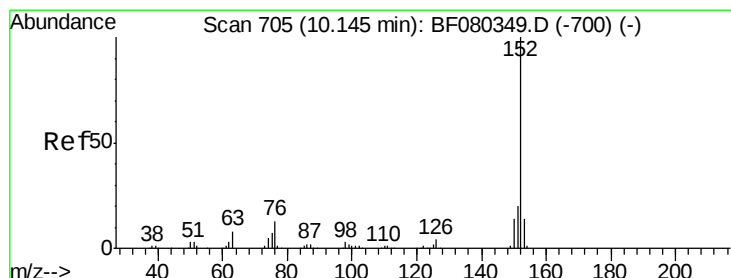
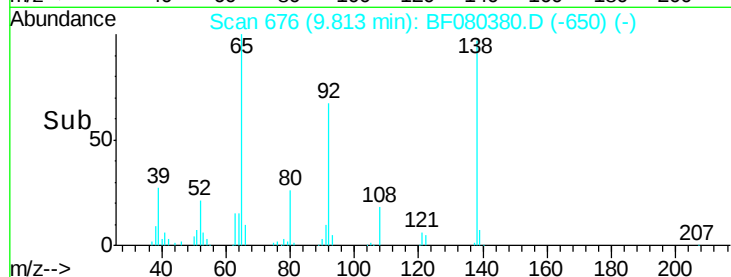
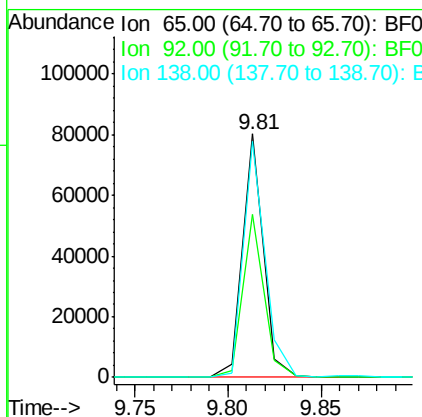
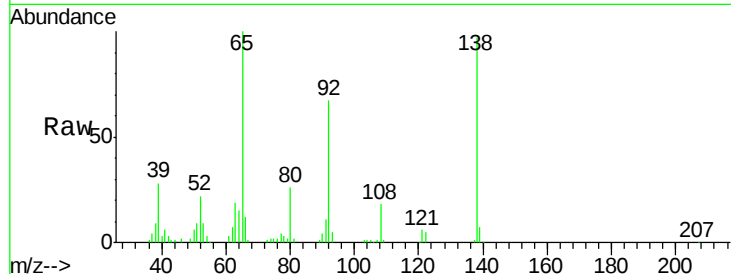
#47
2-Nitroaniline
Concen: 48.03 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	54.2	81.2
138	96.9	76.1	114.1

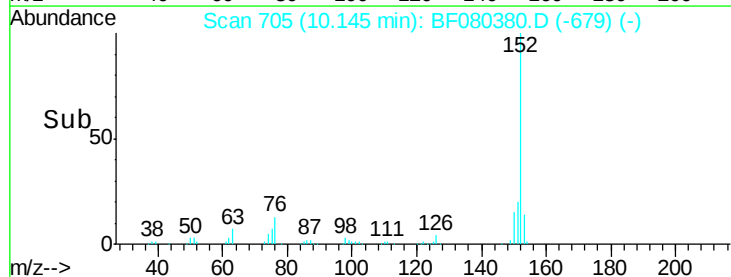
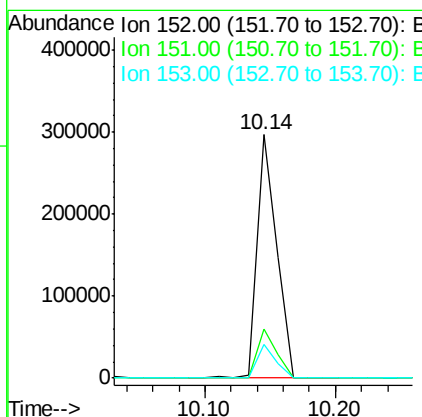
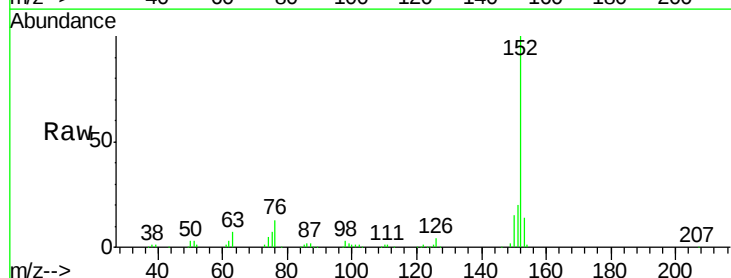
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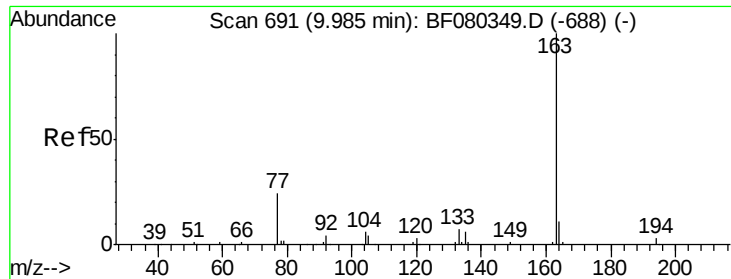
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#48
Acenaphthylene
Concen: 39.98 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.9	11.0	16.4





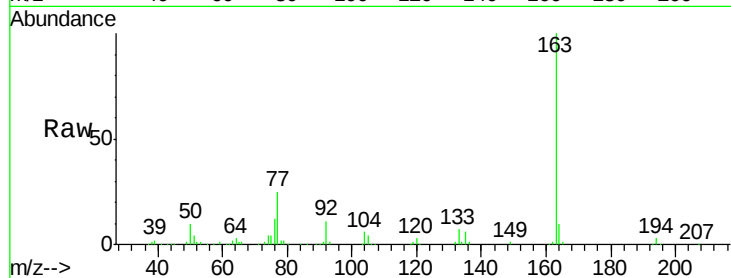
#49
Dimethylphthalate
Concen: 62.23 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

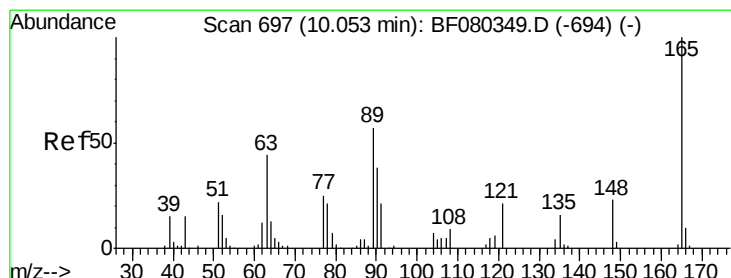
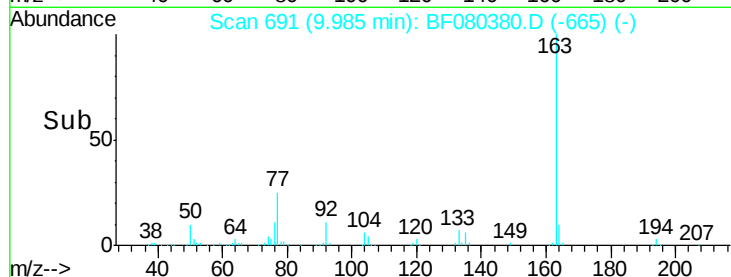
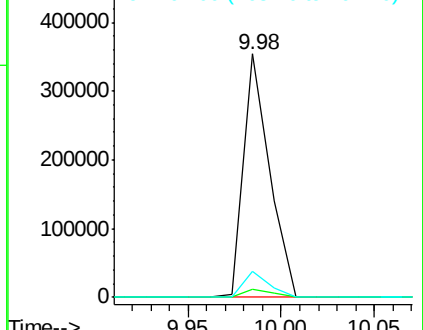
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	343041		
194	3.1	2.6	3.8	
164	10.4	8.5	12.7	

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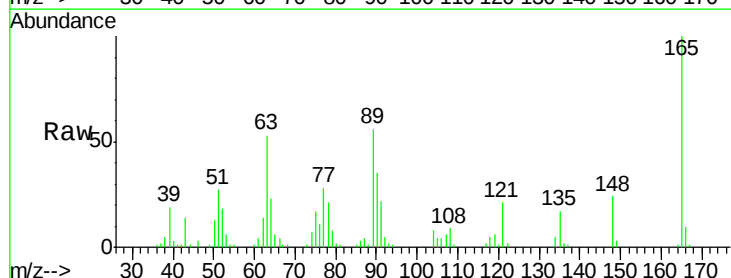


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

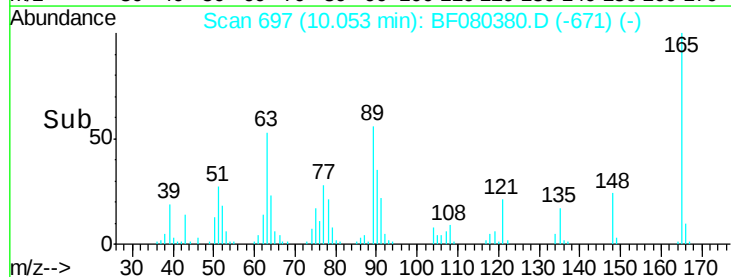
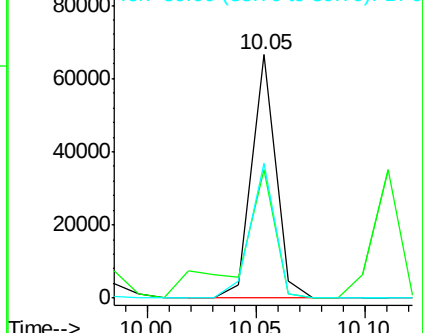


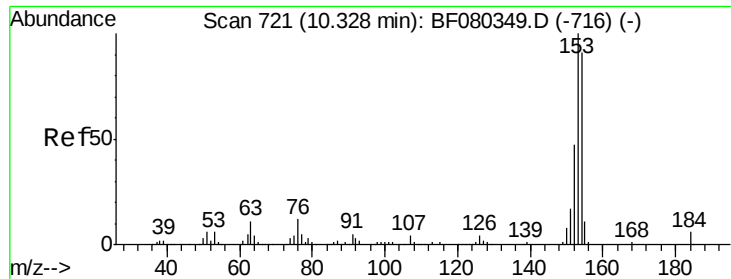
#50
2,6-Dinitrotoluene
Concen: 44.42 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	51195		
63	52.9	44.8	67.2	
89	55.5	45.9	68.9	



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: 40.62 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080380.D

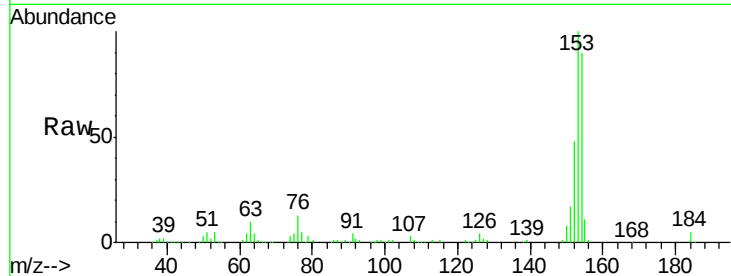
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

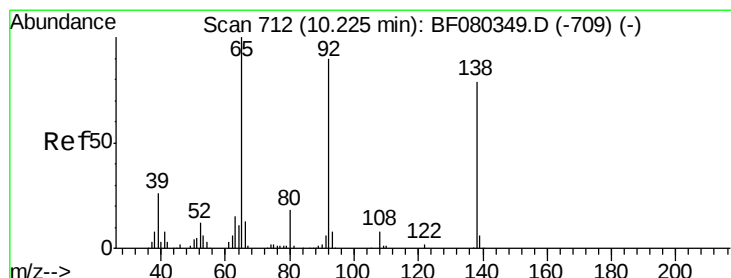
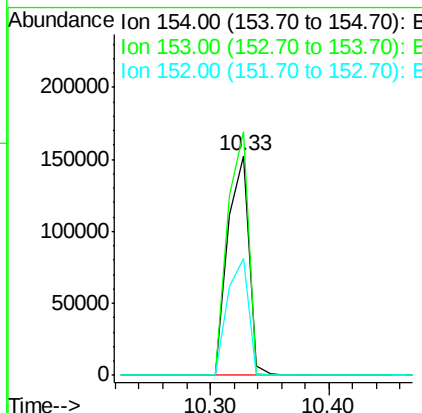
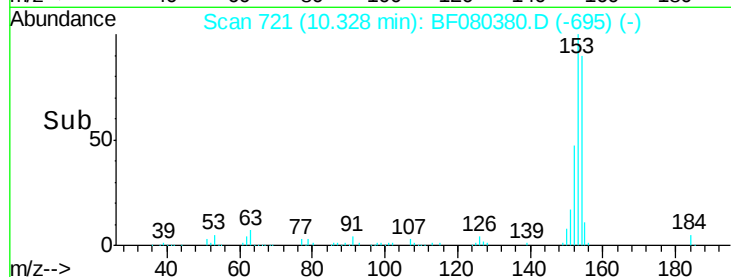
BOTTOMWEST-1MSD



Tgt Ion:	154	Resp:	188070
Ion Ratio	Lower	Upper	
154	100		
153	110.9	88.1	132.1
152	53.1	41.8	62.6

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#52

3-Nitroaniline

Concen: 35.87 ng

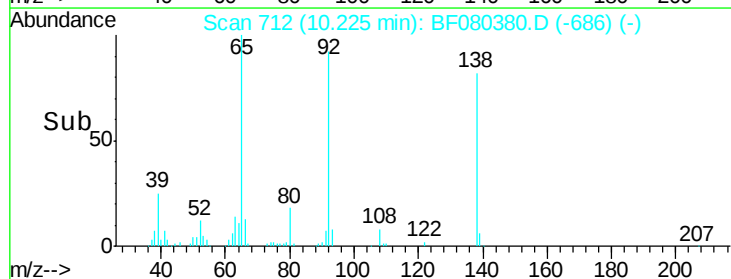
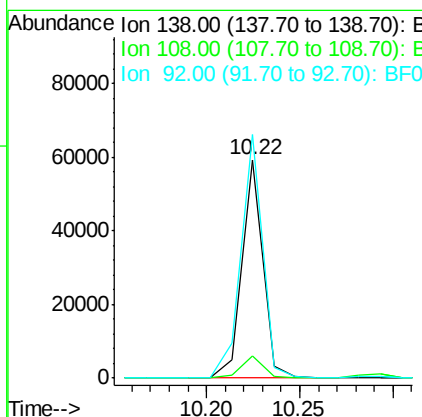
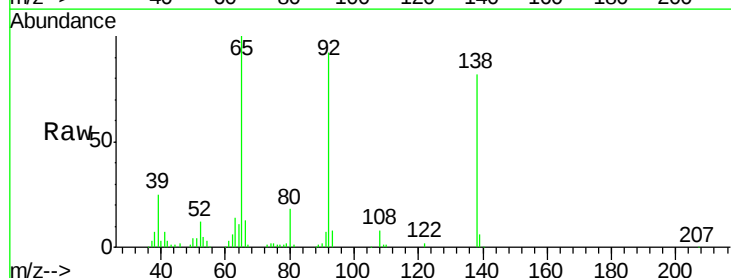
RT: 10.22 min Scan# 712

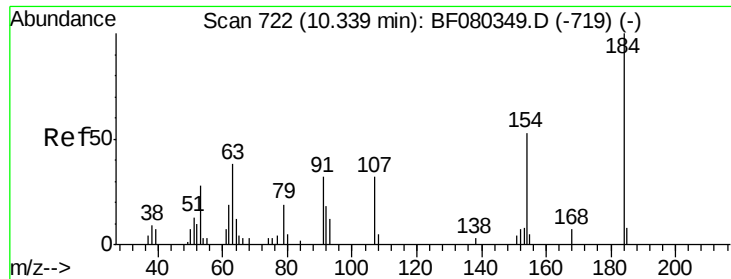
Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	138	Resp:	46587
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.8
92	111.5	91.0	136.6





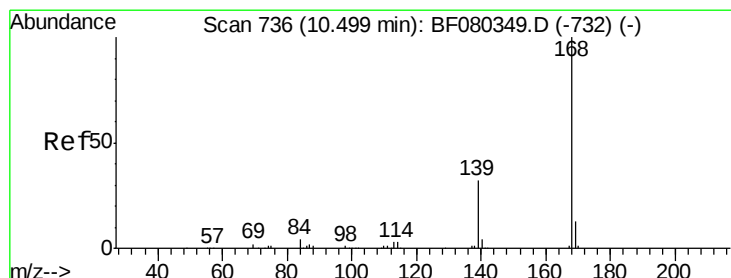
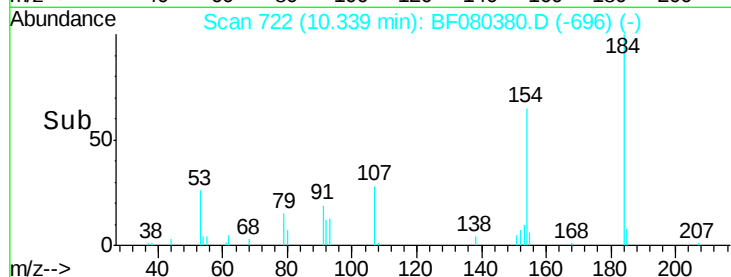
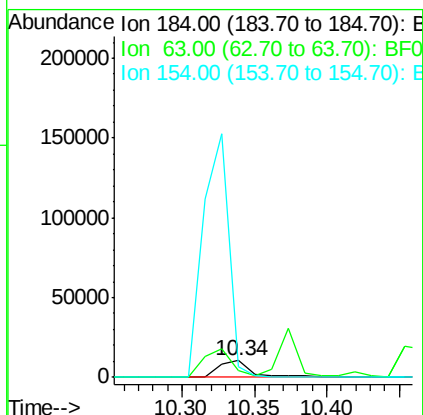
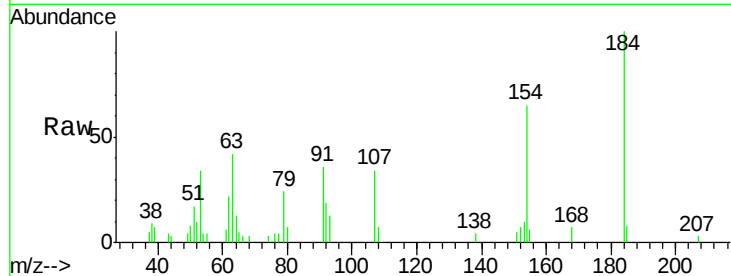
#53
2,4-Dinitrophenol
Concen: 35.63 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	15512		
63	41.5	30.6	46.0	
154	65.2	45.3	67.9	

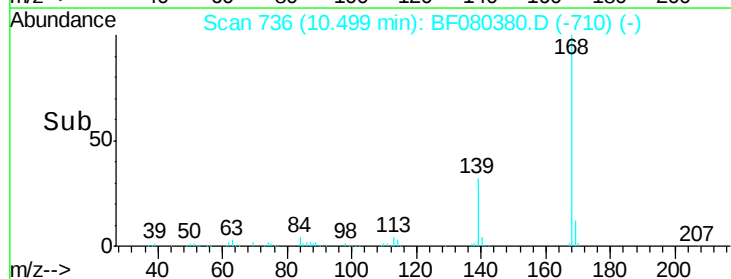
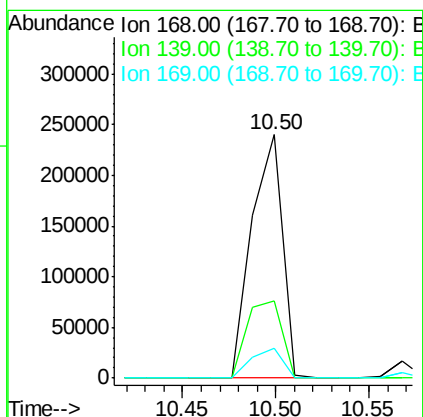
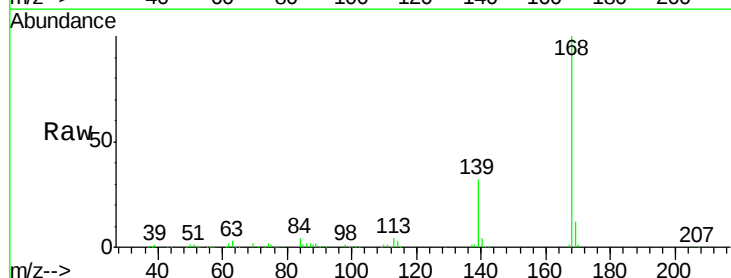
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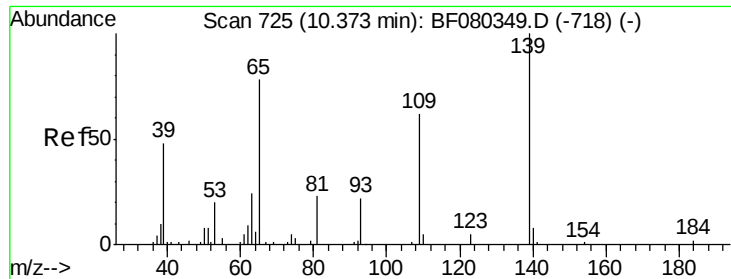
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#54
Dibenzofuran
Concen: 42.16 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	277544		
139	31.8	25.9	38.9	
169	12.3	10.3	15.5	





#55

4-Nitrophenol

Concen: 95.14 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

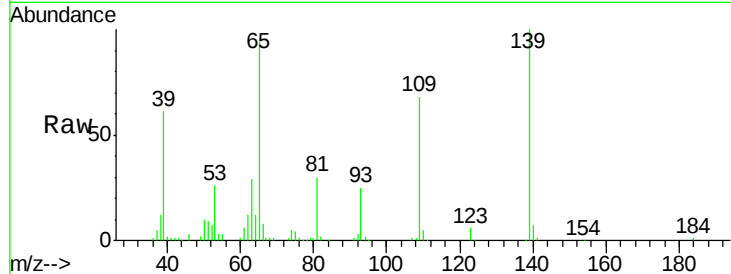
ClientSampleId :

BOTTOMWEST-1MSD

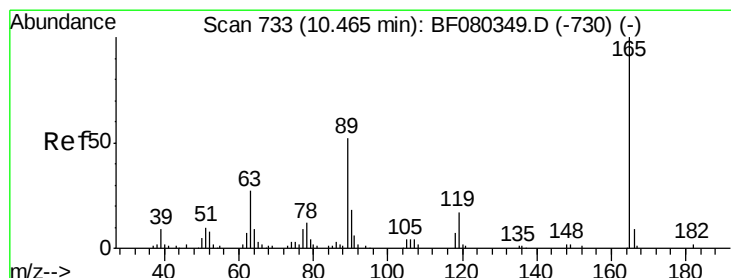
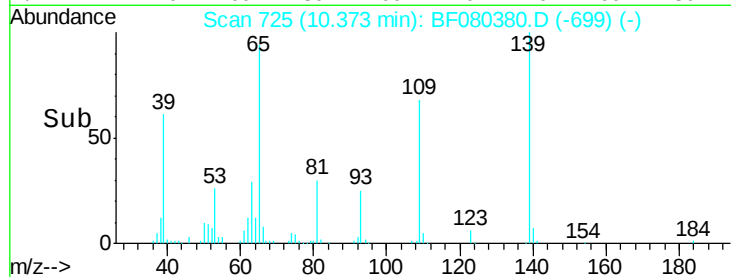
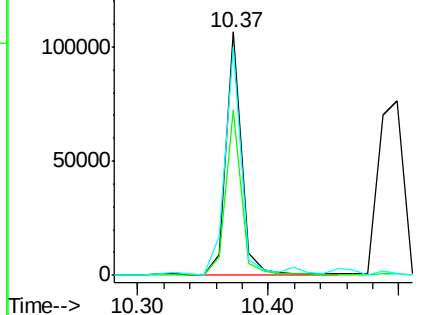
Tgt Ion:	139	Resp:	90561
Ion Ratio	Lower	Upper	
139	100		
109	67.8	42.3	82.3
65	93.7	58.5	98.5

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



#56

2,4-Dinitrotoluene

Concen: 45.35 ng

RT: 10.46 min Scan# 733

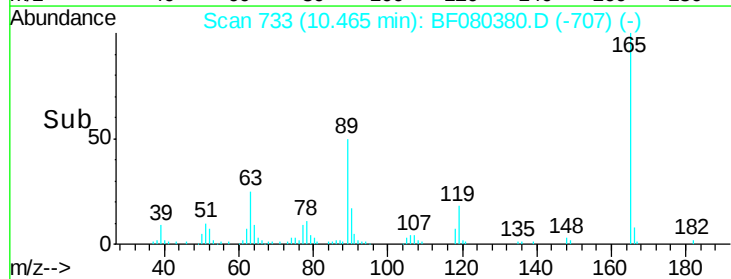
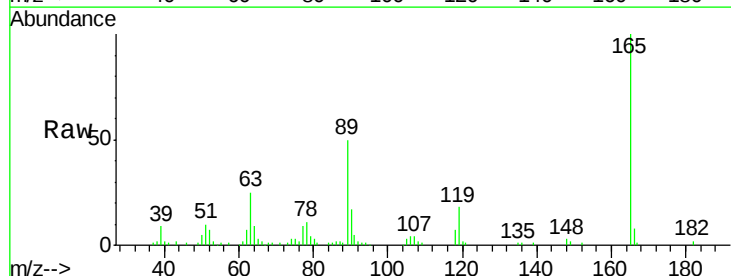
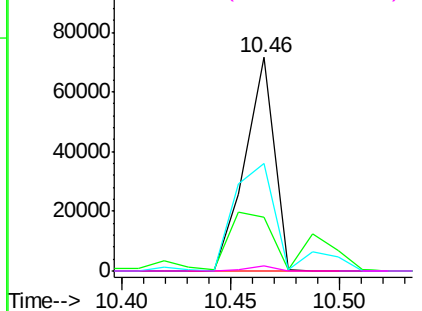
Delta R.T. 0.00 min

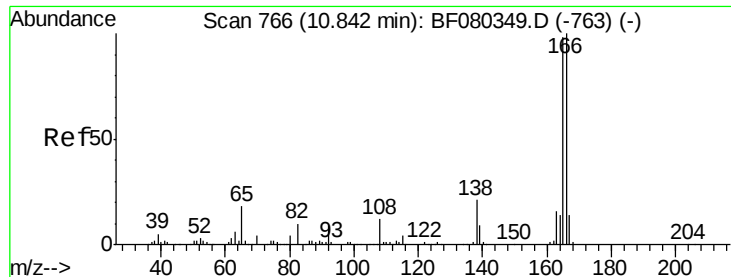
Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	165	Resp:	67216
Ion Ratio	Lower	Upper	
165	100		
63	25.0	21.8	32.8
89	50.2	41.3	61.9
182	2.4	1.8	2.6

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.54 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

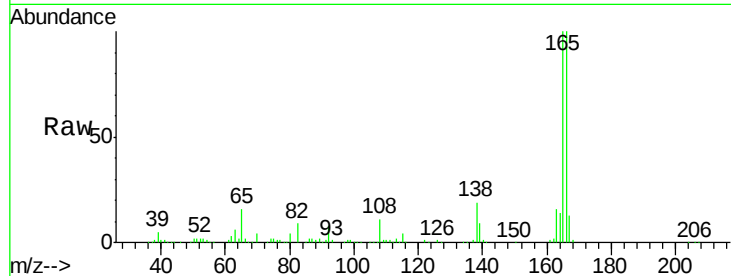
BOTTOMWEST-1MSD

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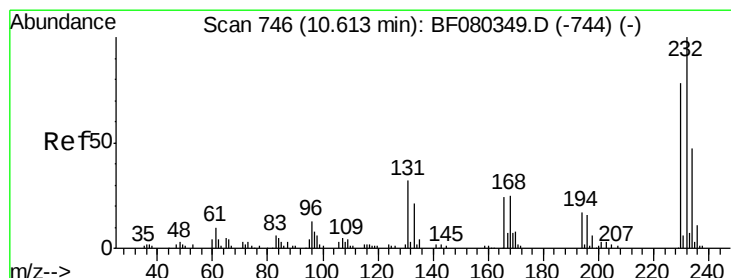
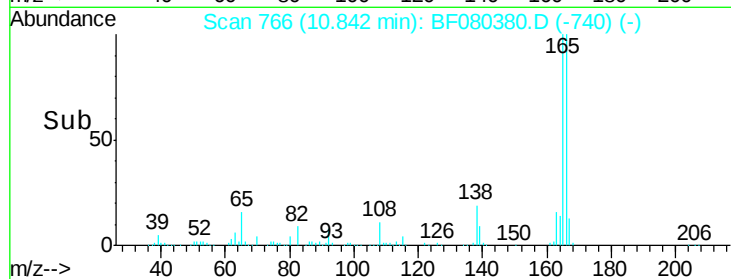
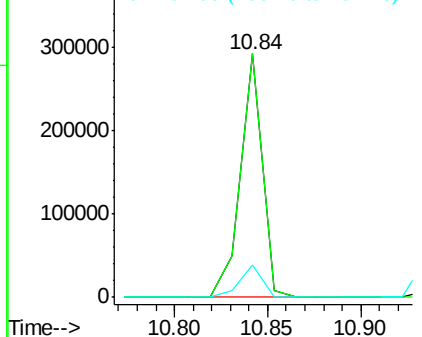
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Tgt Ion:	166	Resp:	241136
Ion Ratio		Lower	Upper
166	100		
165	99.8	78.6	117.8
167	13.1	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.83 ng

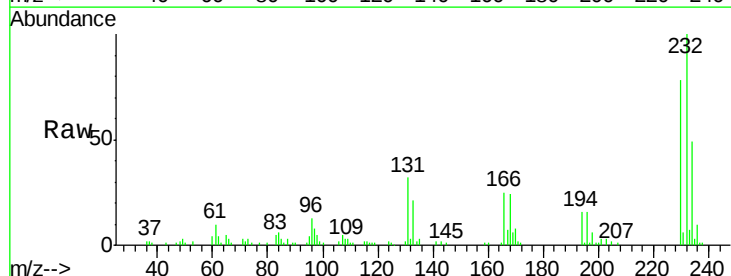
RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

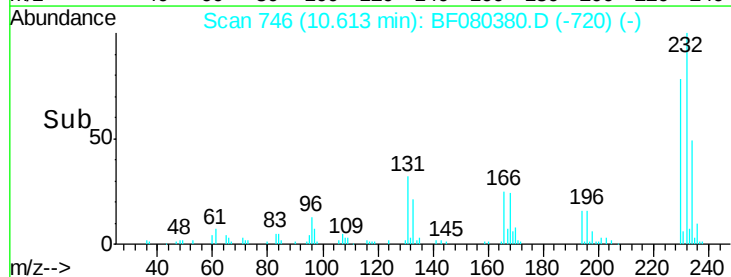
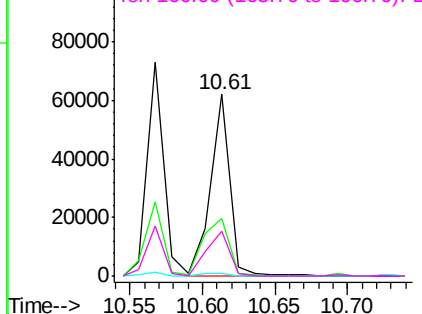
Lab File: BF080380.D

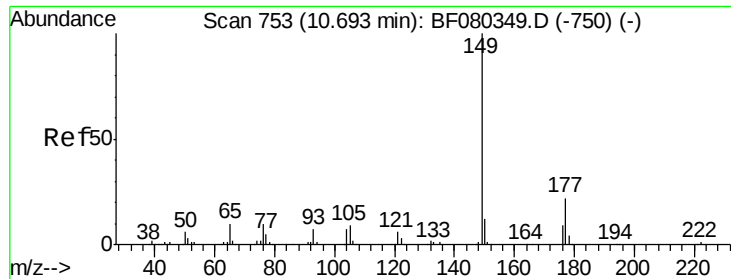
Acq: 7 Jul 2015 19:29

Tgt Ion:	232	Resp:	57318
Ion Ratio		Lower	Upper
232	100		
131	42.6	33.4	50.2
130	2.0	1.8	2.6
166	29.0	22.1	33.1



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





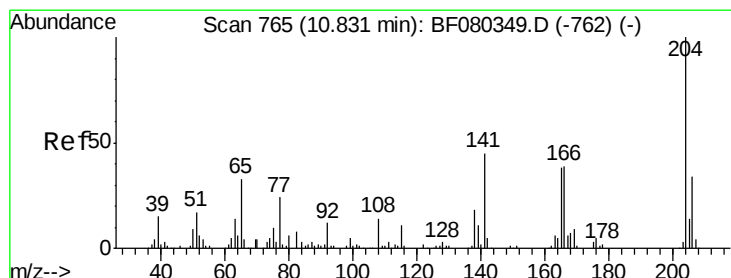
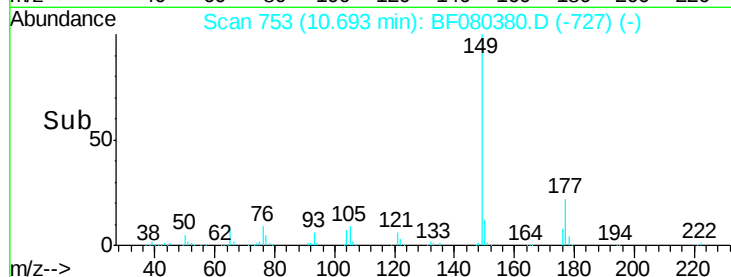
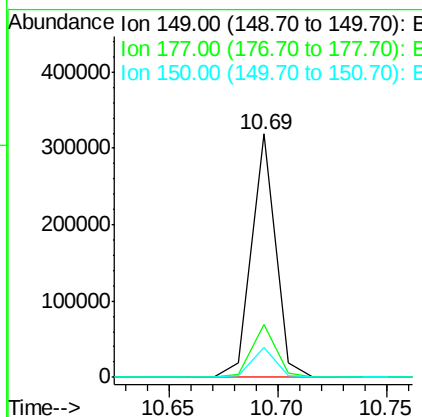
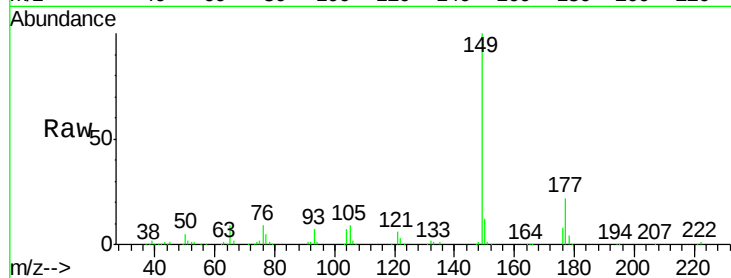
#59
Diethylphthalate
Concen: 44.48 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	244904		
177	21.7	17.6	26.4	
150	12.2	10.0	15.0	

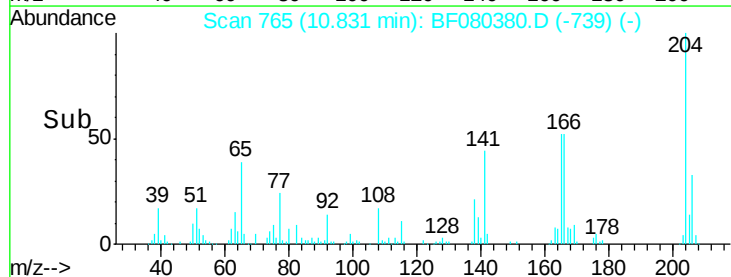
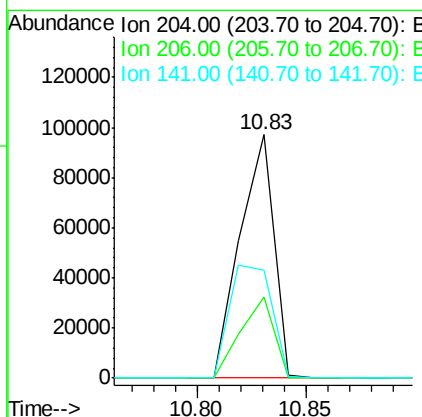
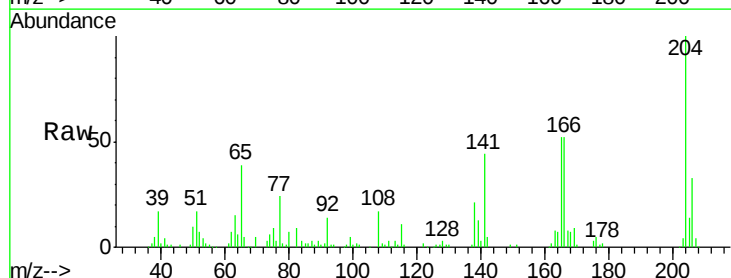
Manual Integrations
APPROVED

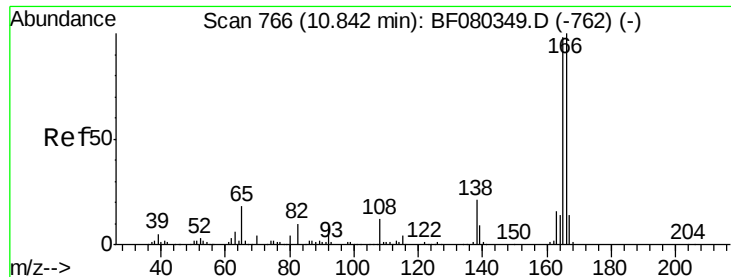
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#60
4-Chlorophenyl-phenylether
Concen: 41.90 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	105113		
206	33.3	27.2	40.8	
141	44.1	35.9	53.9	





#61

4-Nitroaniline

Concen: 42.79 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

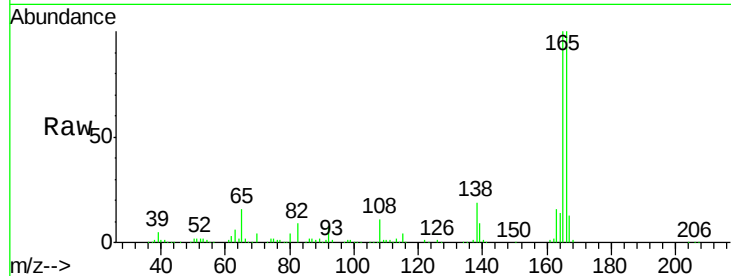
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	138	Resp:	53945
Ion Ratio	Lower	Upper	
138	100		
92	40.3	21.0	61.0
108	58.6	38.4	78.4

Manual Integrations
APPROVED

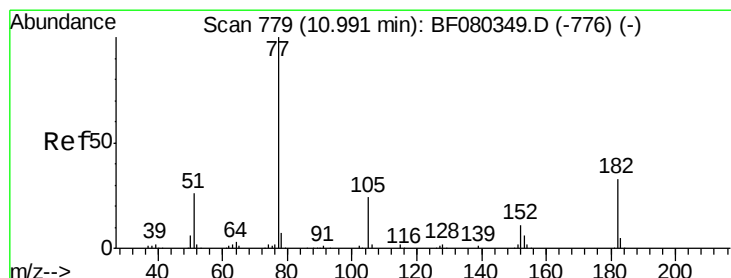
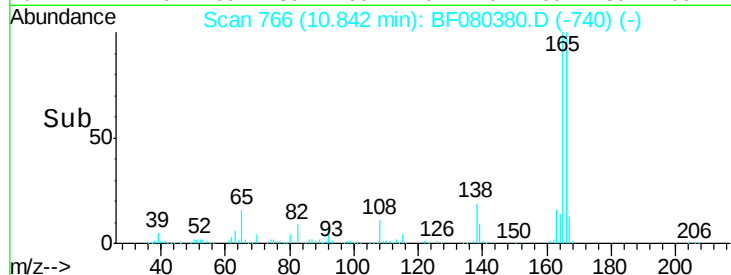
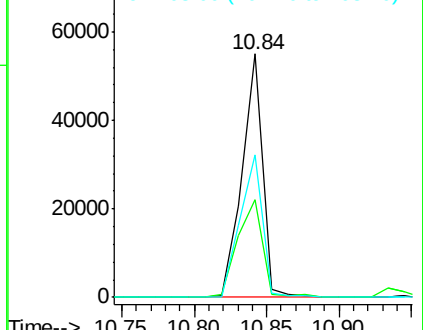
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.70 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

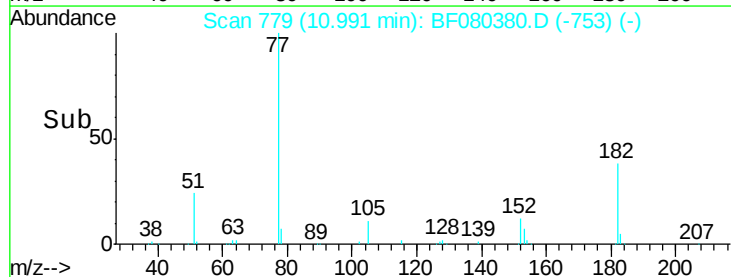
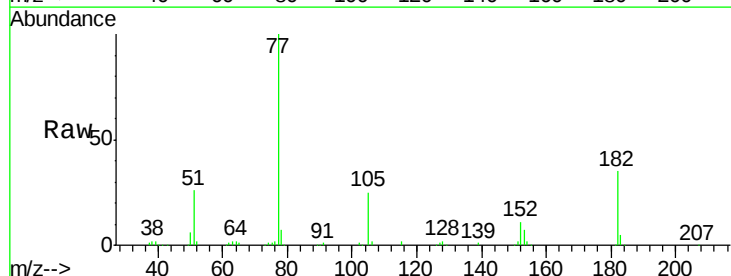
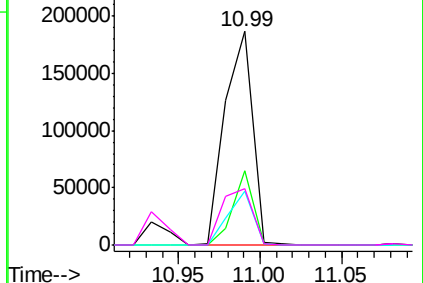
Tgt Ion:	77	Resp:	218113
Ion Ratio	Lower	Upper	
77	100		
182	35.0	13.2	53.2
105	25.1	4.3	44.3
51	26.5	6.3	46.3

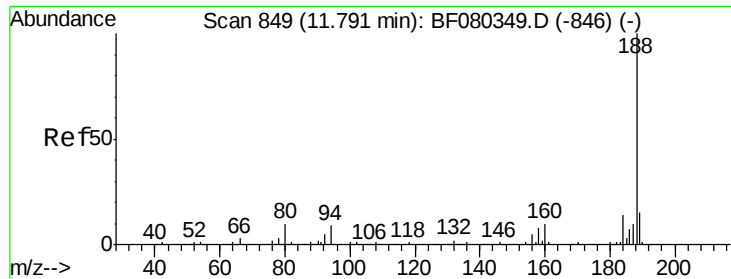
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

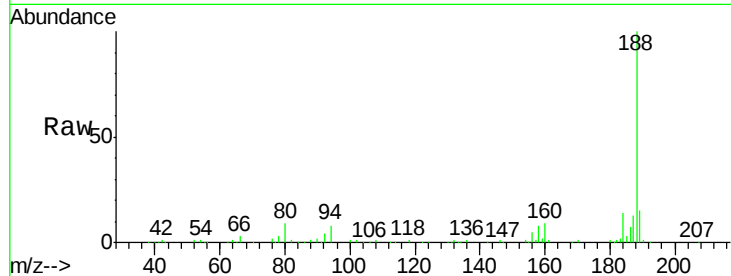
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion:	188	Resp:	145812
Ion Ratio	Lower	Upper	
188	100		
94	7.8	7.5	11.3
80	8.6	8.3	12.5

Manual Integrations
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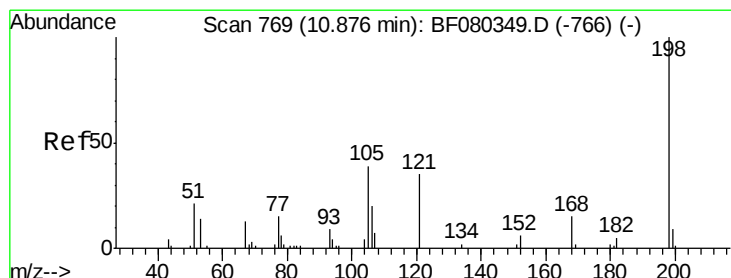
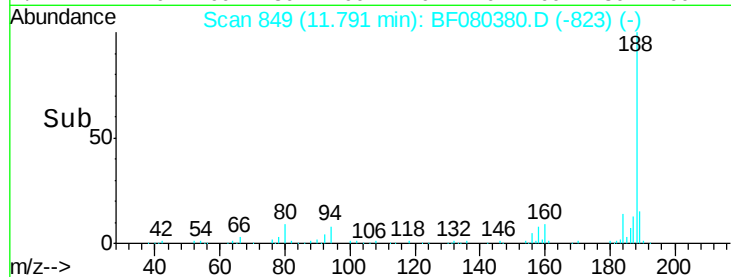
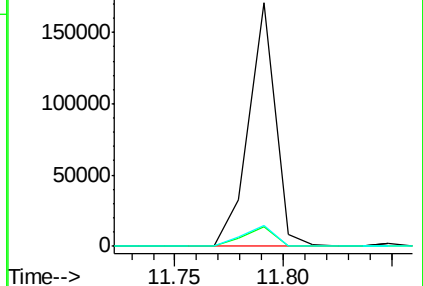
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.35 ng

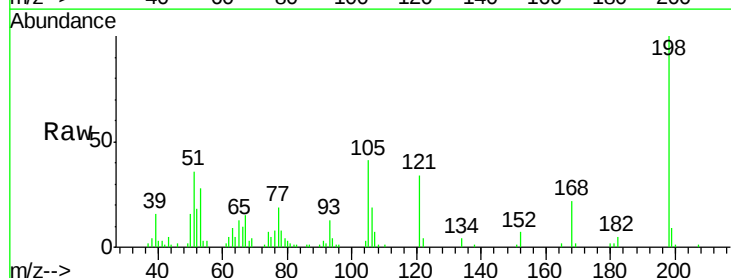
RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

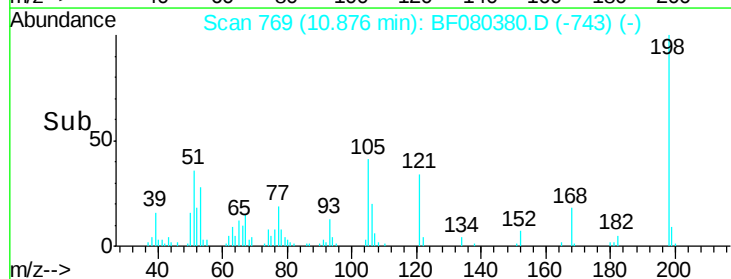
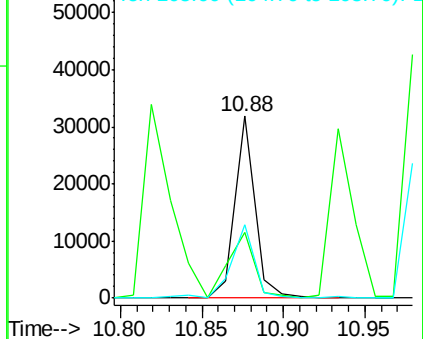
Tgt Ion:	198	Resp:	26761
Ion Ratio	Lower	Upper	
198	100		
51	36.0	17.0	57.0
105	40.7	20.9	60.9

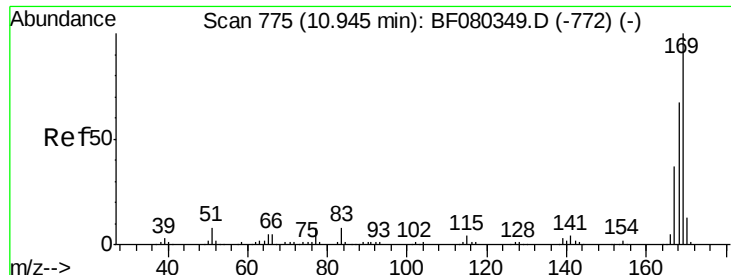


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





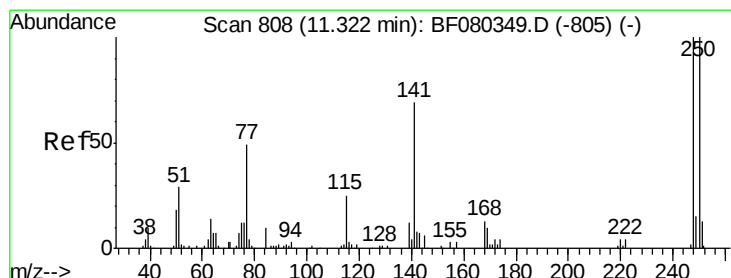
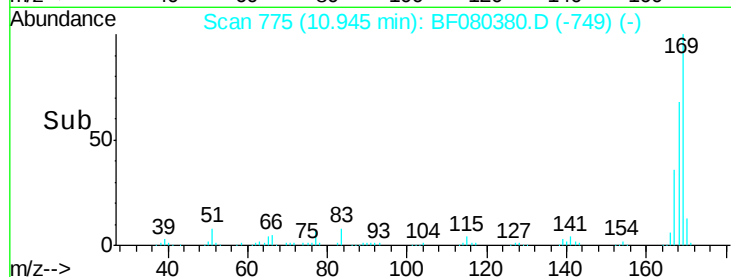
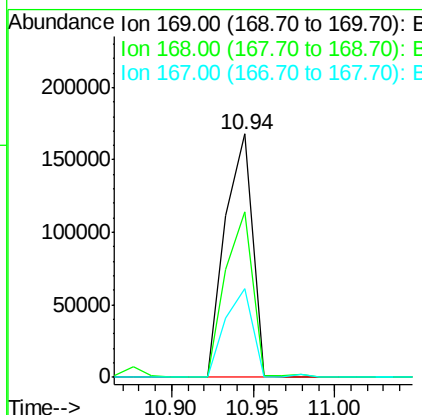
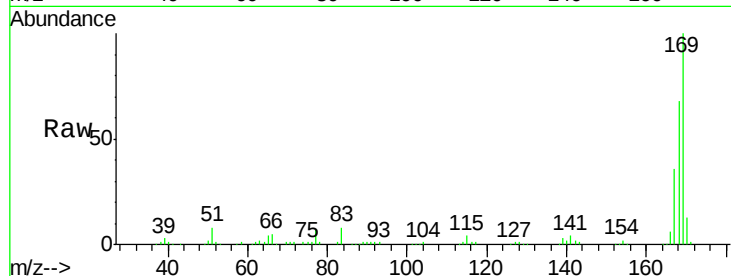
#65
 n-Nitrosodiphenylamine
 Concen: 41.65 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	193426		
168	68.1	53.5	80.3	
167	36.4	29.5	44.3	

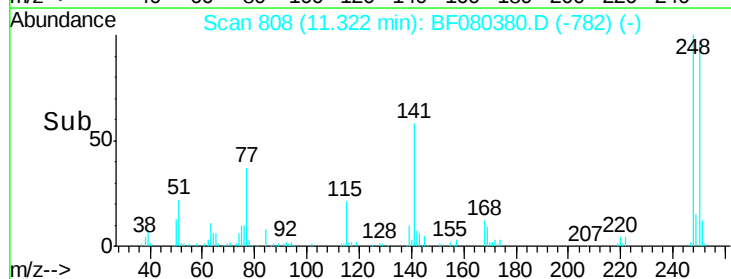
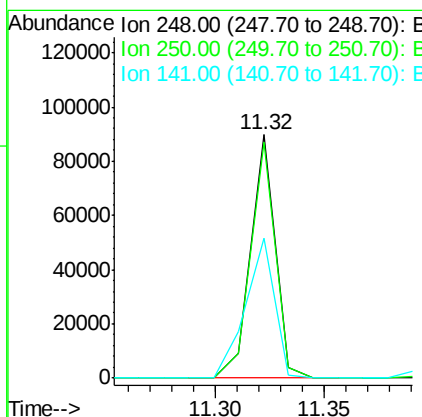
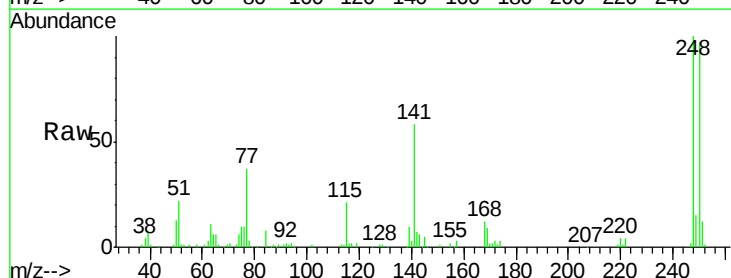
Manual Integrations
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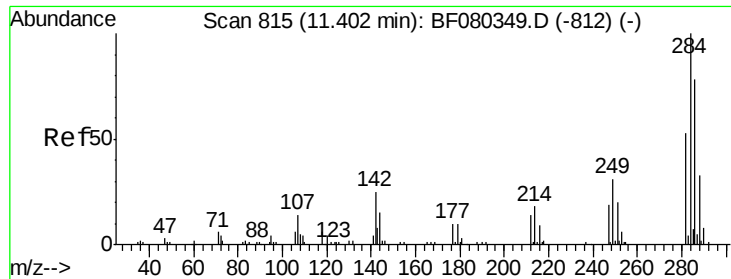
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#66
 4-Bromophenyl-phenylether
 Concen: 42.24 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	70552		
250	96.7	80.0	120.0	
141	57.7	54.8	82.2	





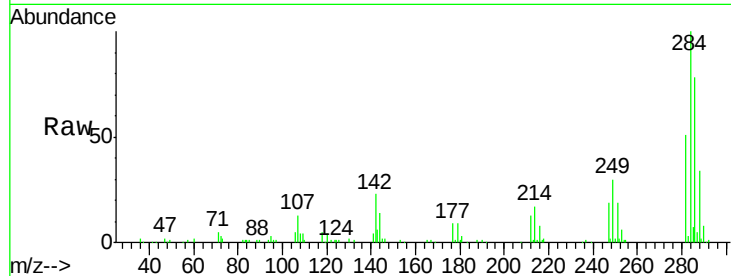
#67
Hexachlorobenzene
Concen: 40.95 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

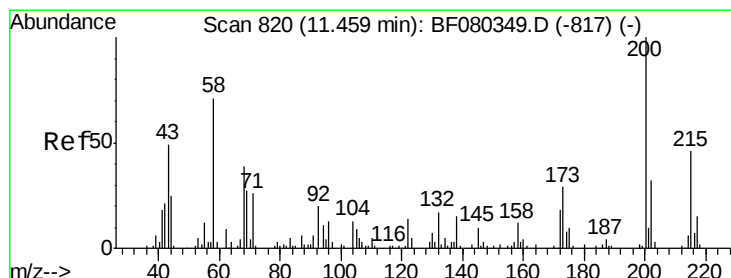
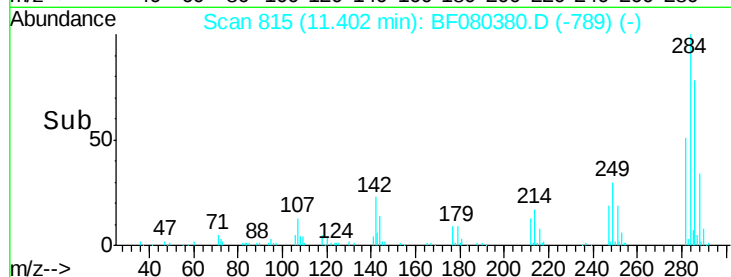
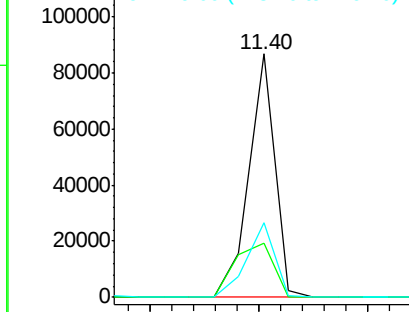
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	71748		
142	22.5	20.3	30.5	
249	30.4	24.7	37.1	

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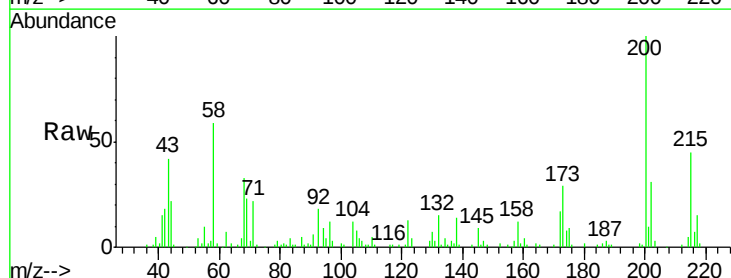


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

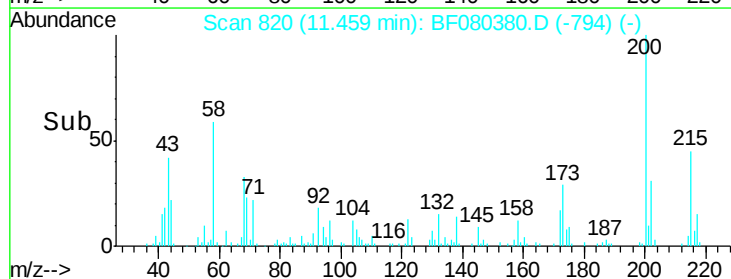
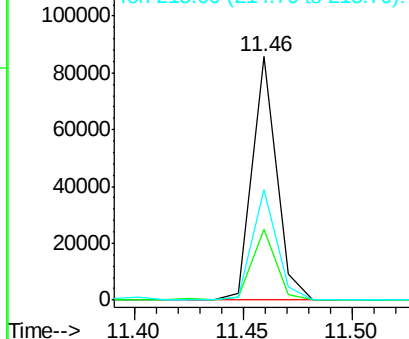


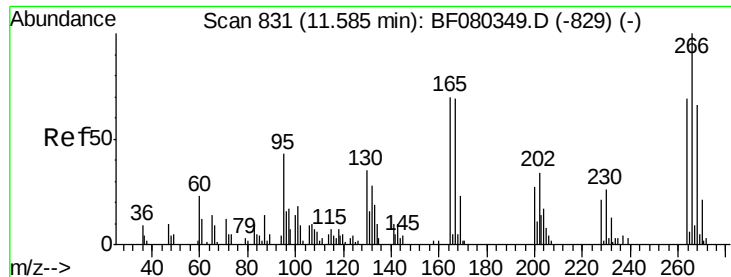
#68
Atrazine
Concen: 48.31 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	66793		
173	29.1	9.9	49.9	
215	45.5	26.2	66.2	



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





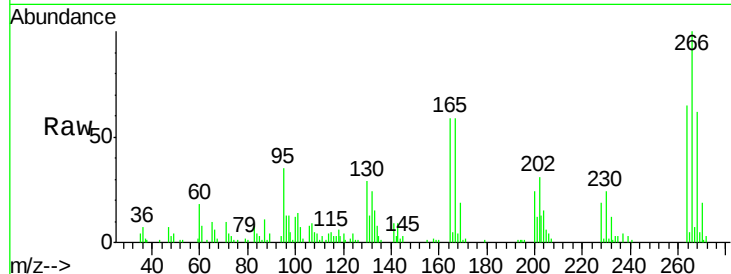
#69
 Pentachlorophenol
 Concen: 74.38 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

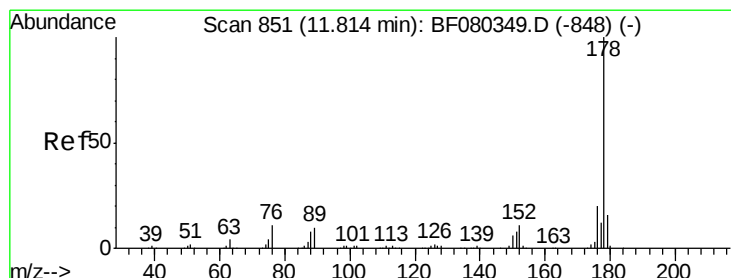
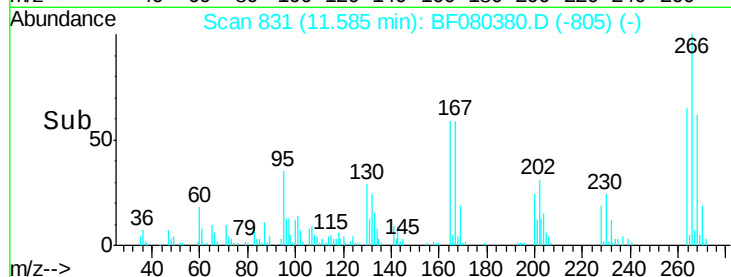
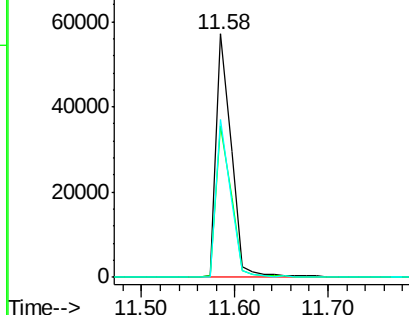
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.2	52.7	79.1
264	65.1	55.0	82.6

Manual Integrations
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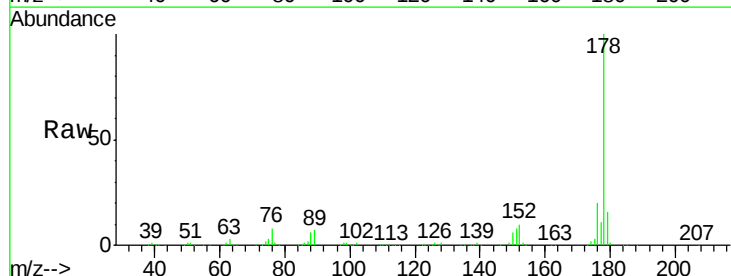


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

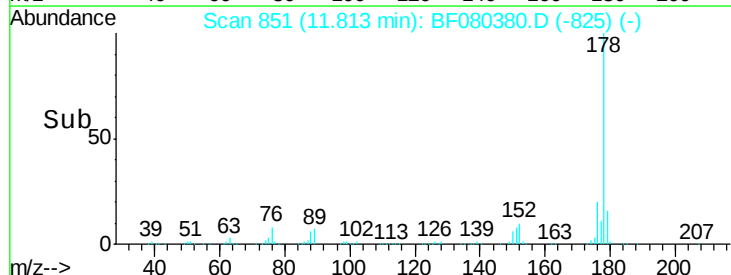
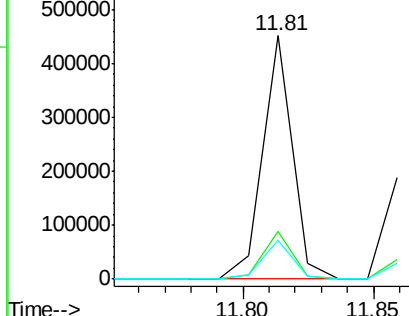


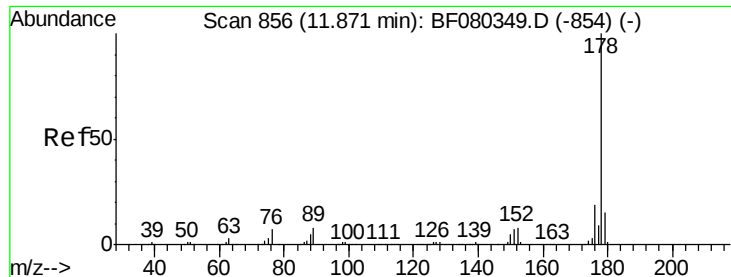
#70
 Phenanthrene
 Concen: 41.25 ng
 RT: 11.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	15.9	12.6	18.8



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





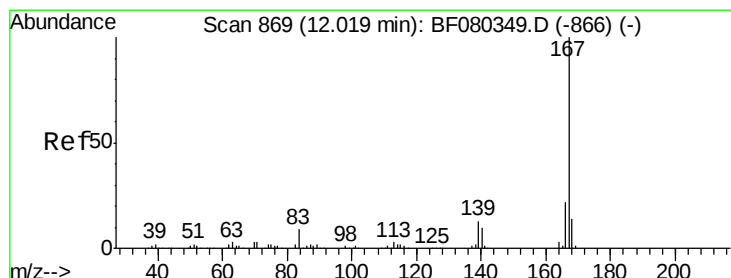
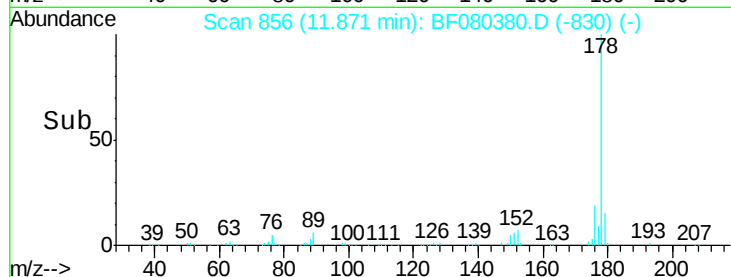
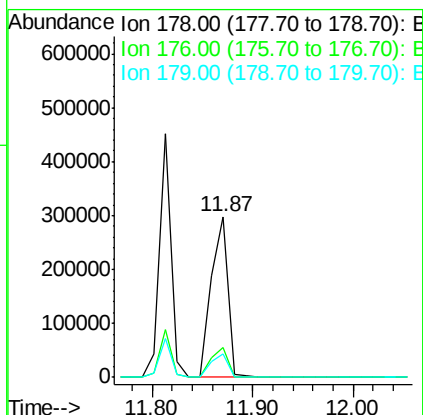
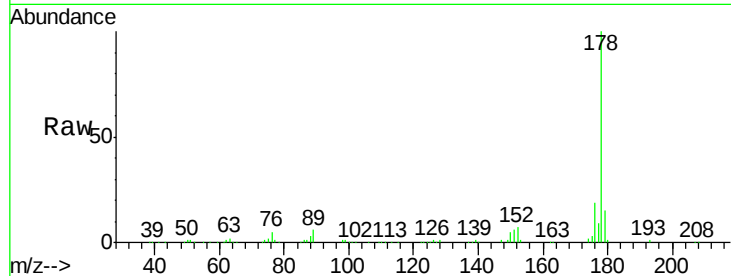
#71
 Anthracene
 Concen: 40.08 ng
 RT: 11.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	14.7	12.3	18.5

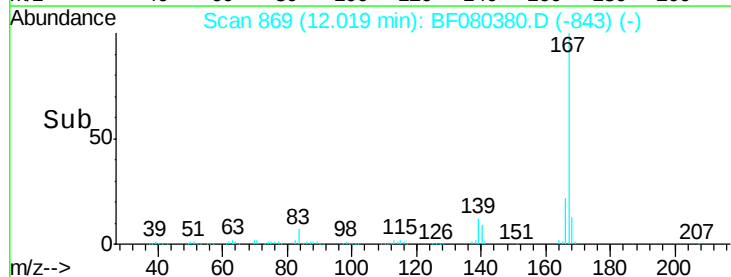
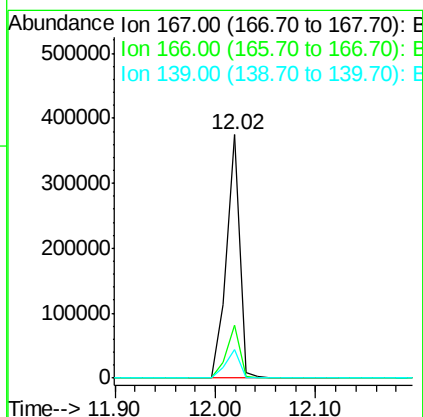
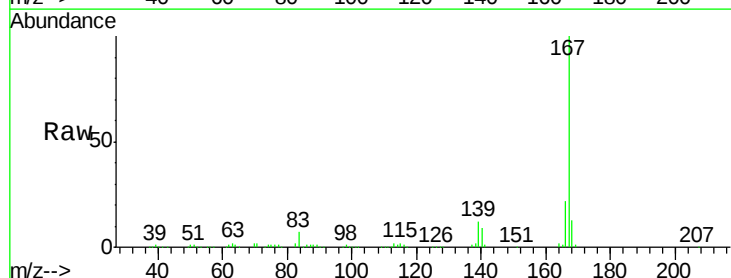
Manual Integrations
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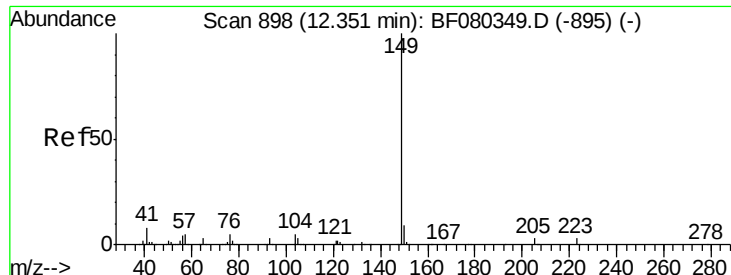
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#72
 Carbazole
 Concen: 42.93 ng
 RT: 12.02 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	12.0	10.4	15.6





#73

Di-n-butylphthalate

Concen: 38.78 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

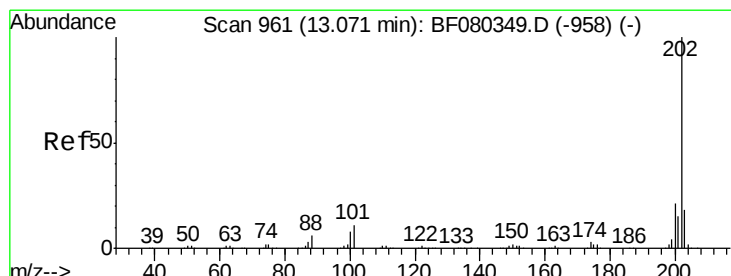
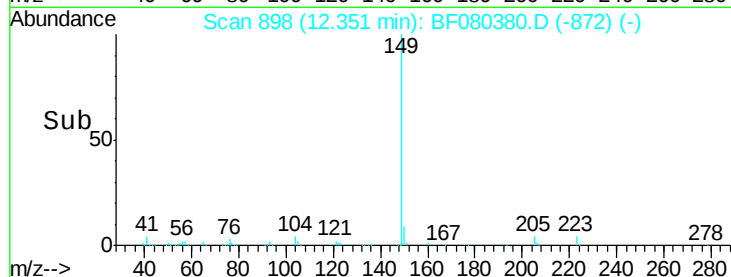
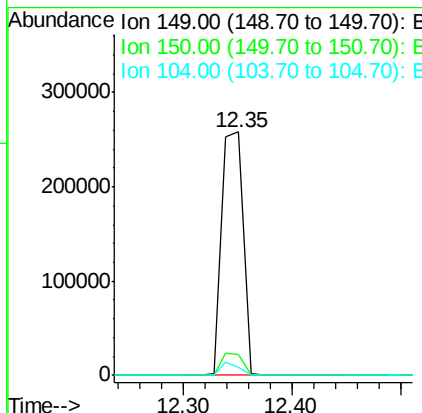
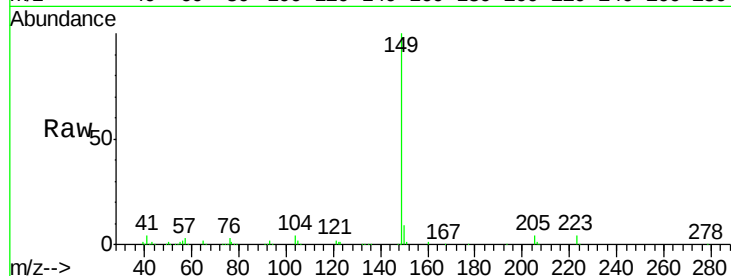
BOTTOMWEST-1MSD

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Tgt Ion:	149	Resp:	354822
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.5	11.3
104	3.5	3.9	5.9#



#74

Fluoranthene

Concen: 41.22 ng

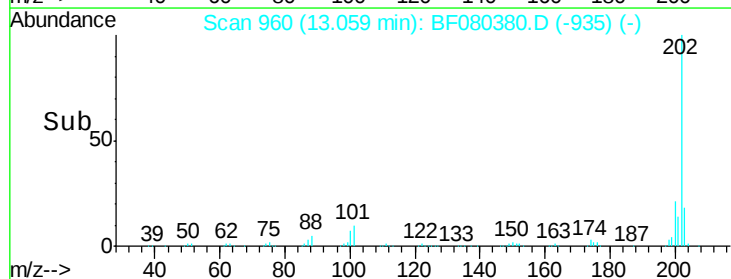
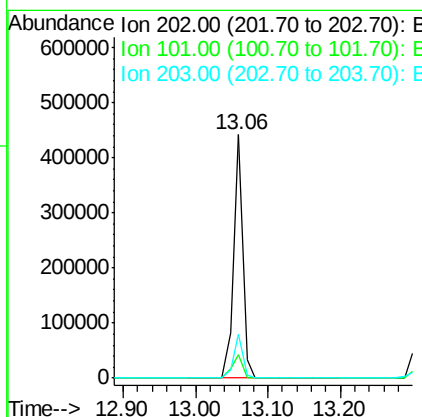
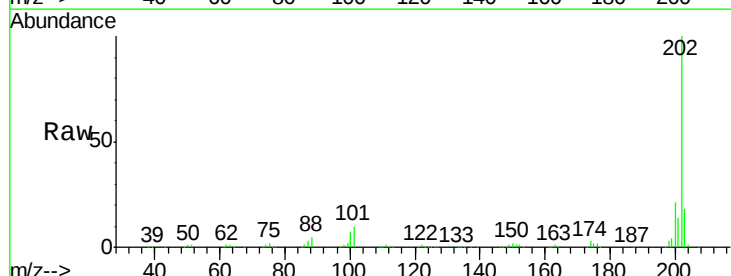
RT: 13.06 min Scan# 960

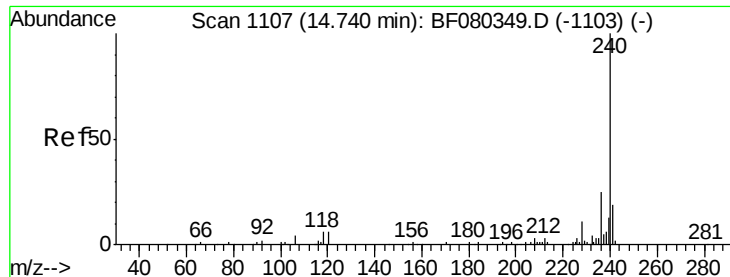
Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion:	202	Resp:	387373
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.0
203	17.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.73 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

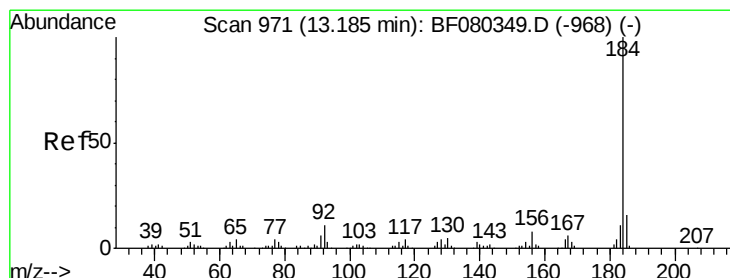
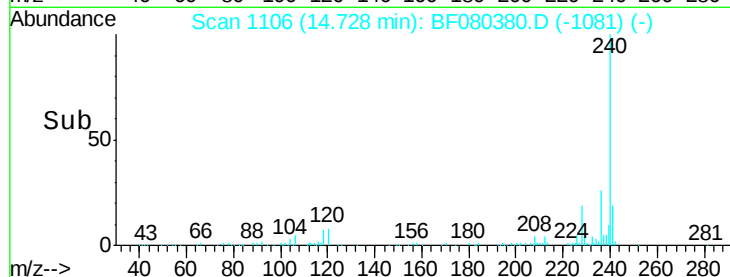
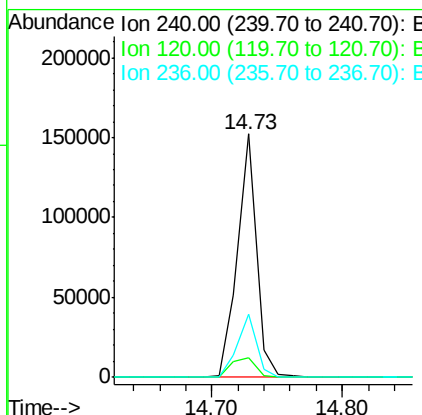
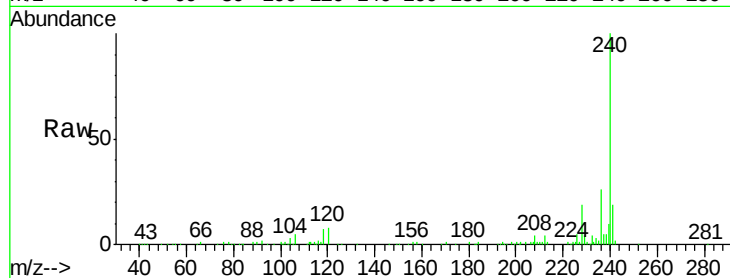
ClientSampleId :

BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.1	7.7#
236	25.7	20.4	30.6

Manual Integrations
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#76

Benzidine

Concen: 45.16 ng

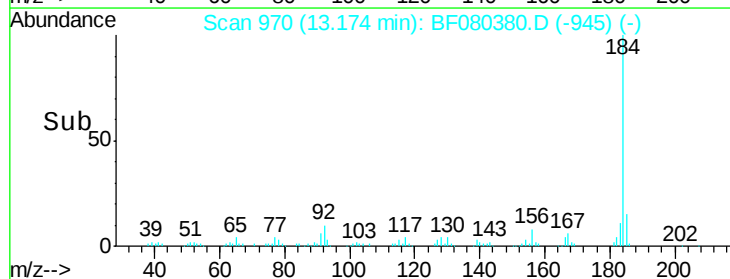
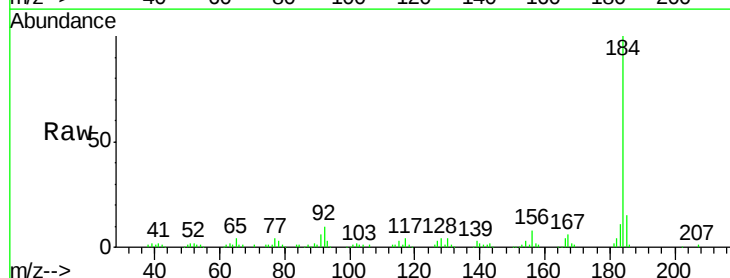
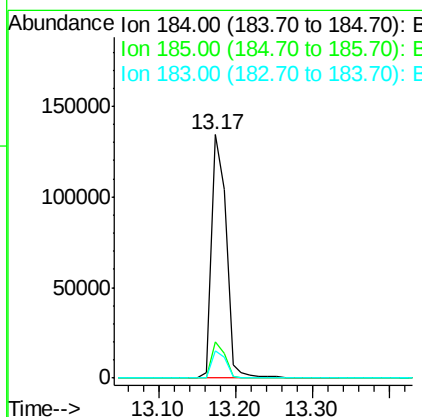
RT: 13.17 min Scan# 970

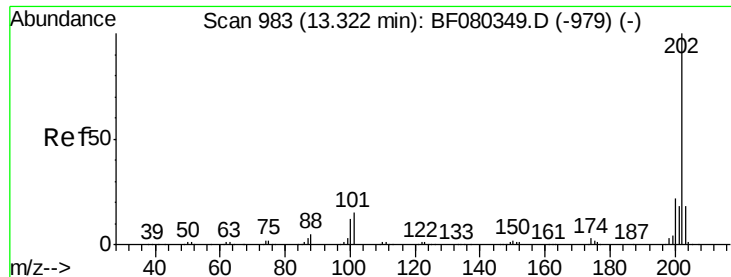
Delta R.T. -0.01 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	19.0
183	11.1	9.2	13.8





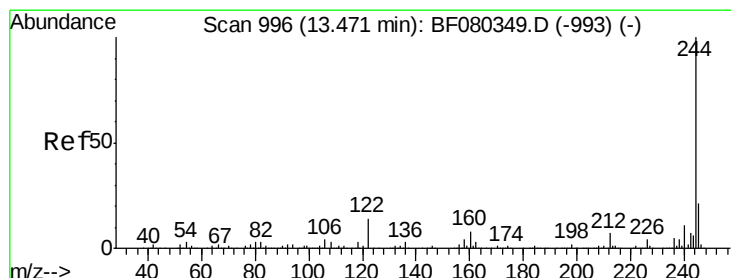
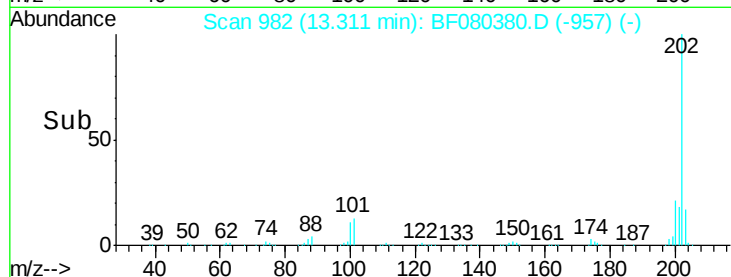
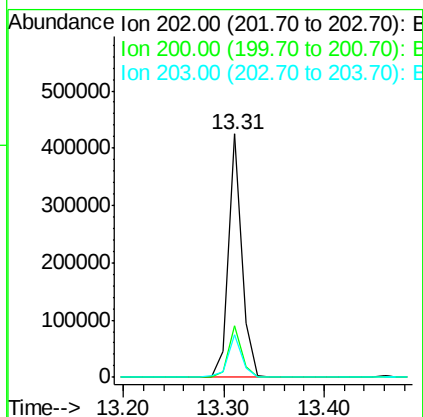
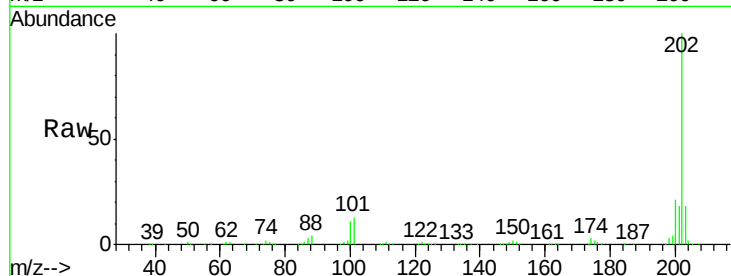
#77
 Pyrene
 Concen: 42.12 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.4	17.2	25.8
203	17.6	14.3	21.5

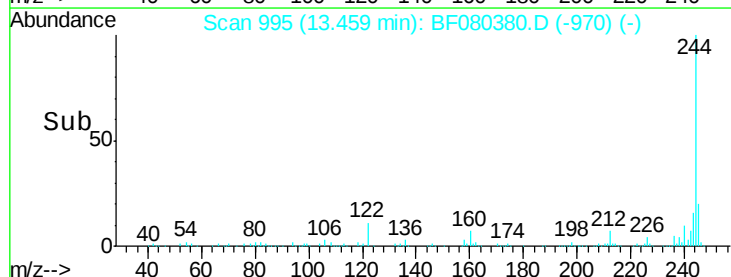
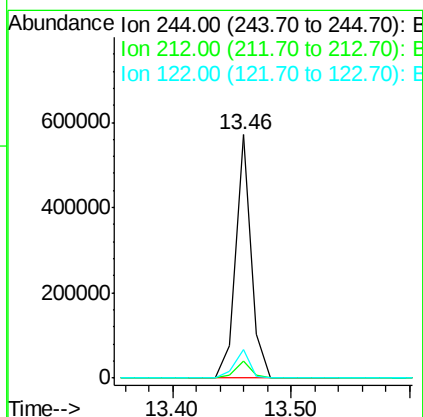
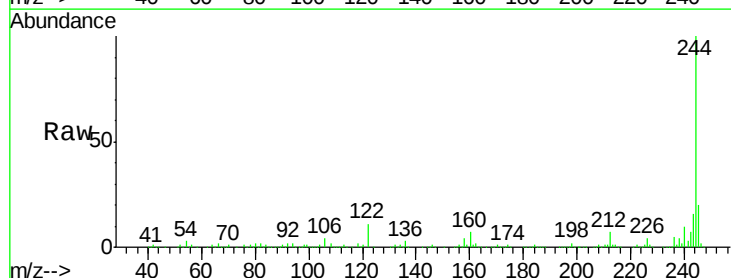
Manual Integrations
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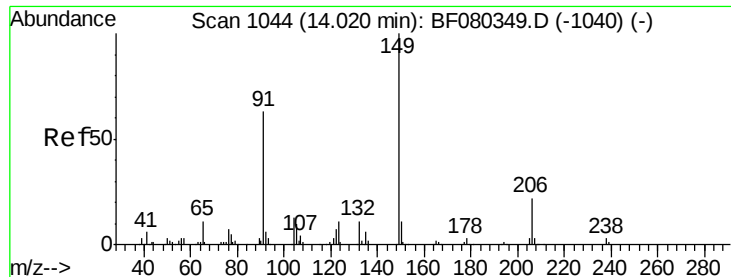
apatel
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#78
 Terphenyl-d14
 Concen: 78.12 ng
 RT: 13.46 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.9	5.8	8.8
122	11.5	11.1	16.7





#79

Butylbenzylphthalate

Concen: 45.59 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF080380.D

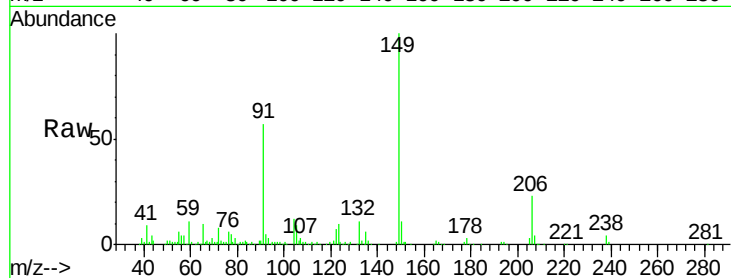
Acq: 7 Jul 2015 19:29

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MSD



Tgt Ion:149 Resp: 169798

Ion Ratio Lower Upper

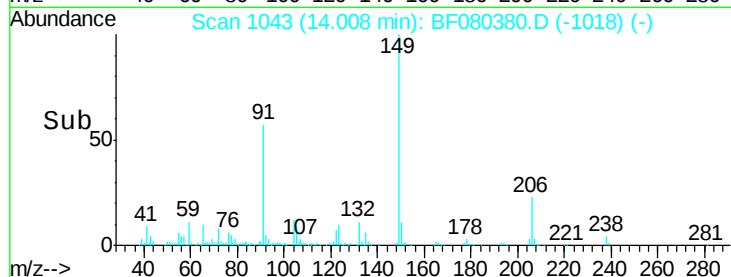
149 100

91 57.4 50.8 76.2

206 23.4 17.6 26.4

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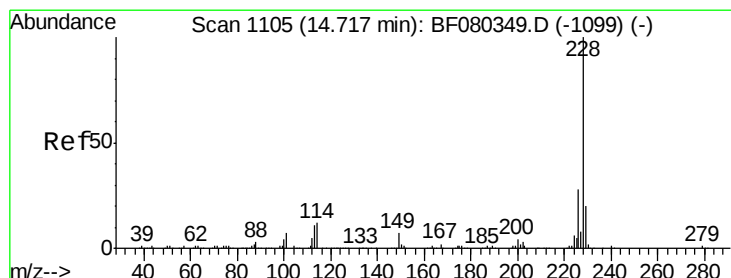
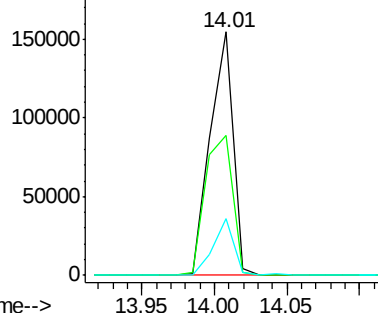
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.56 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF080380.D

Acq: 7 Jul 2015 19:29

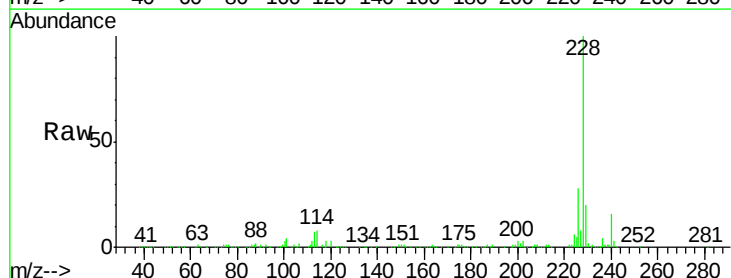
Tgt Ion:228 Resp: 386565

Ion Ratio Lower Upper

228 100

226 27.7 22.2 33.4

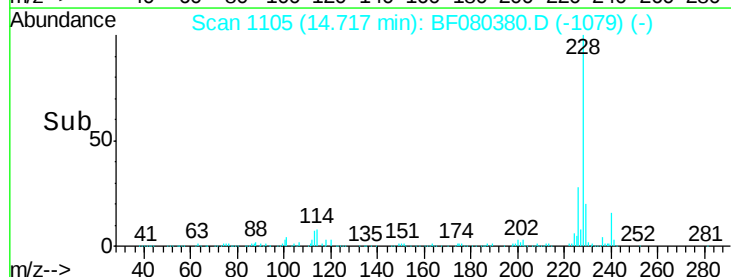
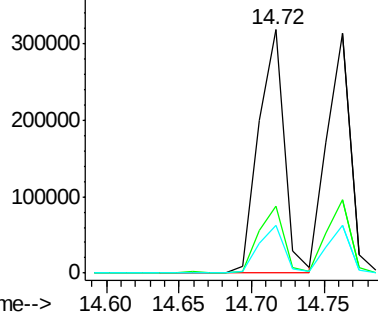
229 19.6 16.0 24.0

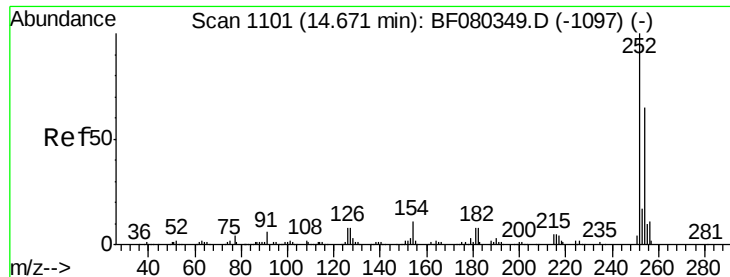


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





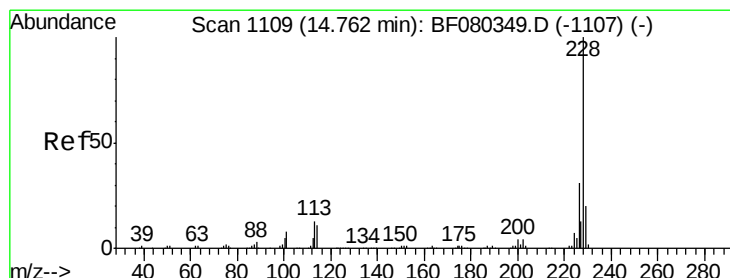
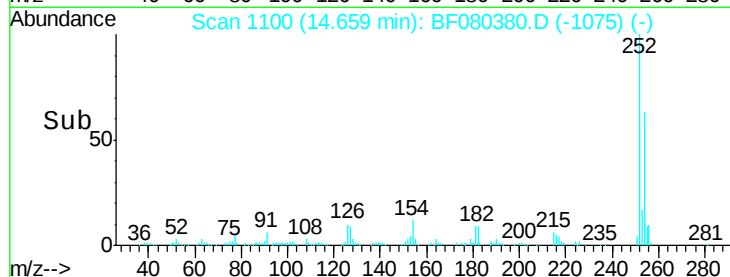
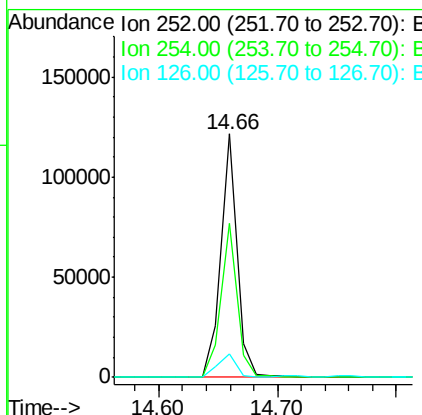
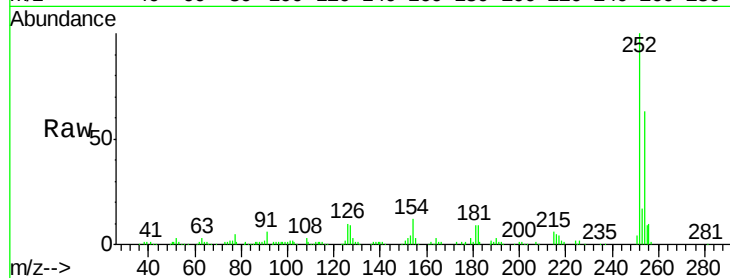
#81
 3,3'-Dichlorobenzidine
 Concen: 37.34 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	115163		
254	63.2	51.7	77.5	
126	9.7	6.3	9.5	

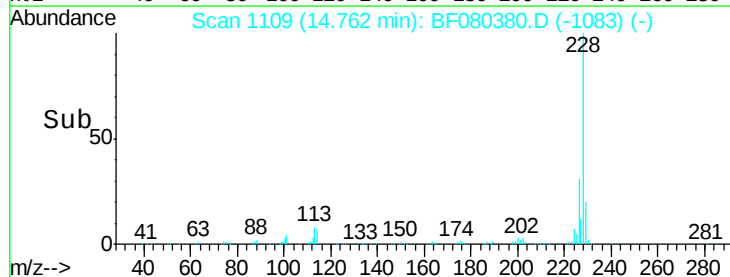
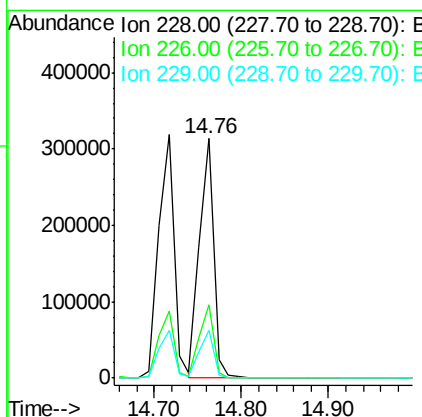
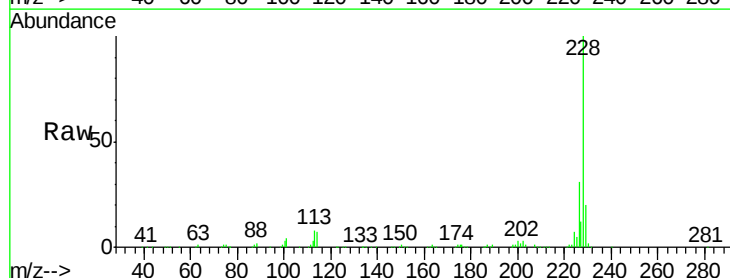
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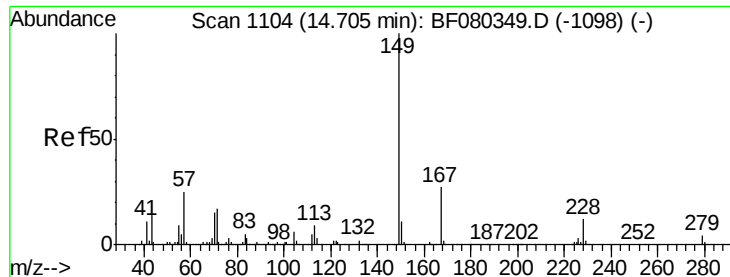
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#82
 Chrysene
 Concen: 40.80 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	355028		
226	30.7	25.0	37.4	
229	19.8	16.1	24.1	





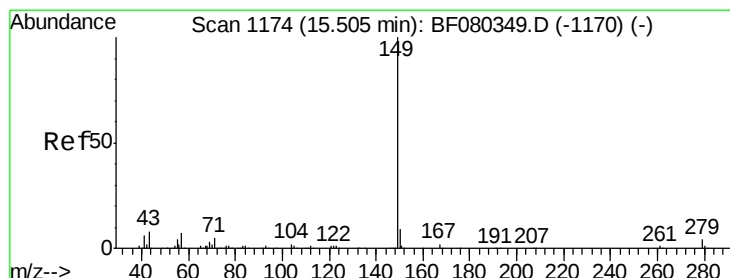
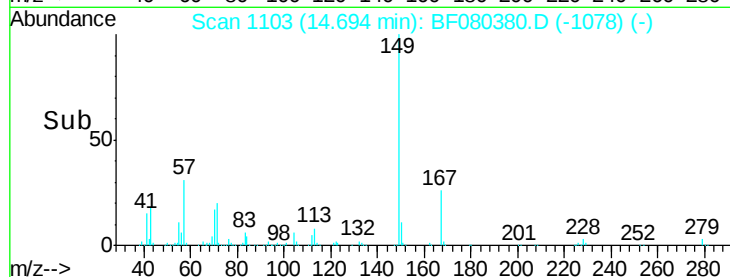
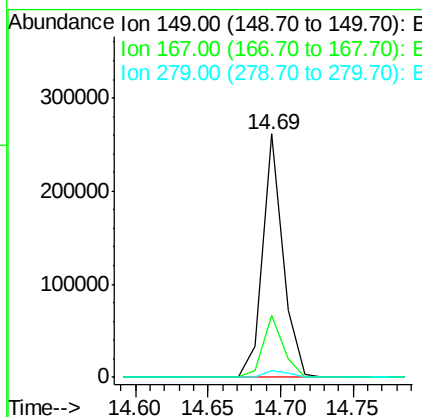
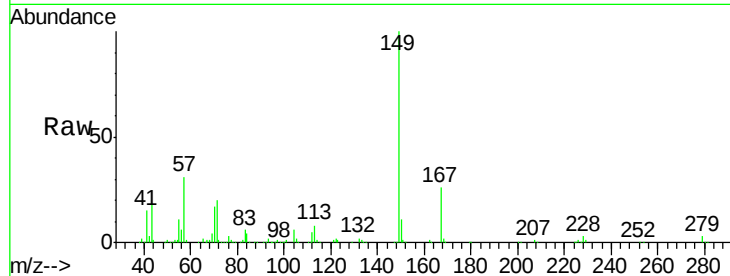
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.82 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	254447		
167	25.6	21.4	32.0	
279	2.7	2.9	4.3#	

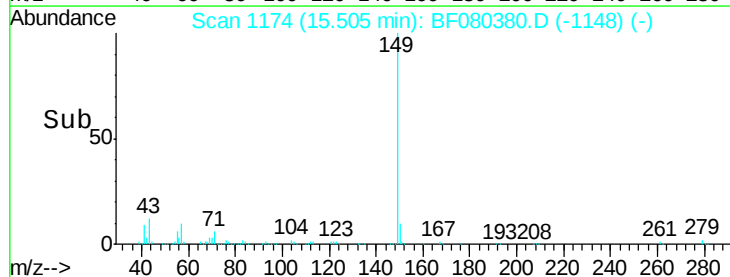
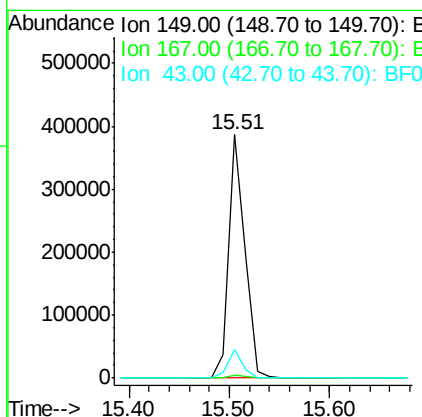
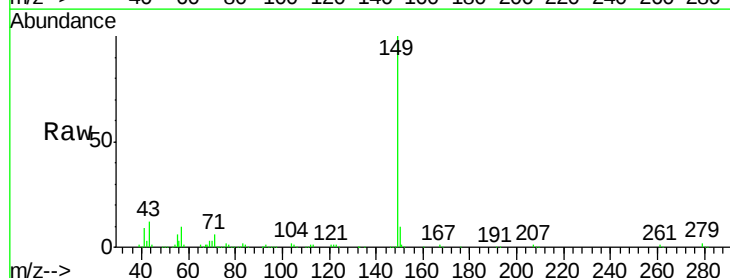
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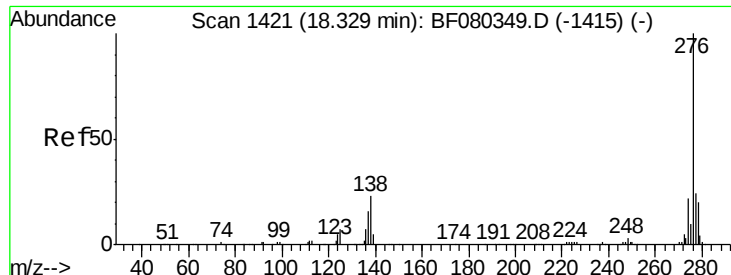
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#84
 Di-n-octyl phthalate
 Concen: 45.91 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	430580		
167	1.4	1.2	1.8	
43	11.2	9.1	13.7	





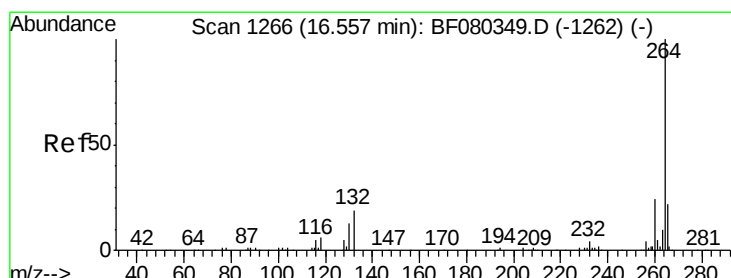
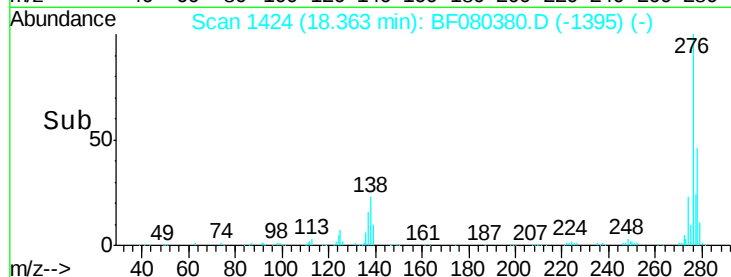
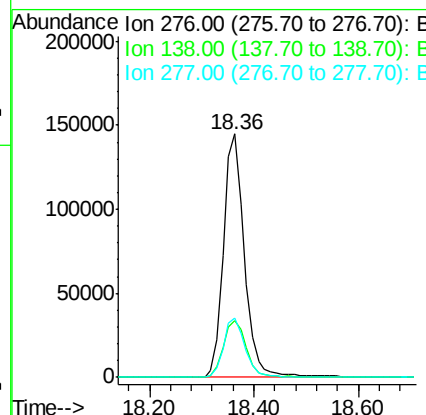
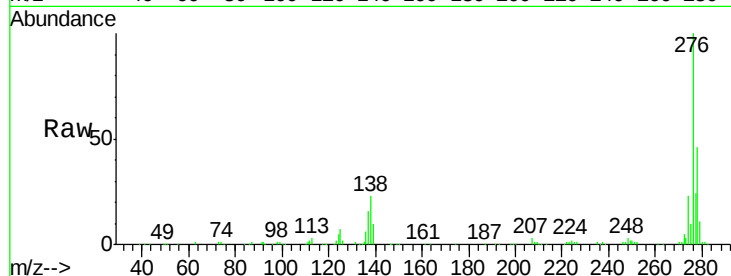
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.55 ng
 RT: 18.36 min Scan# 1424
 Delta R.T. 0.03 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.7	29.5
277	24.9	19.4	29.0

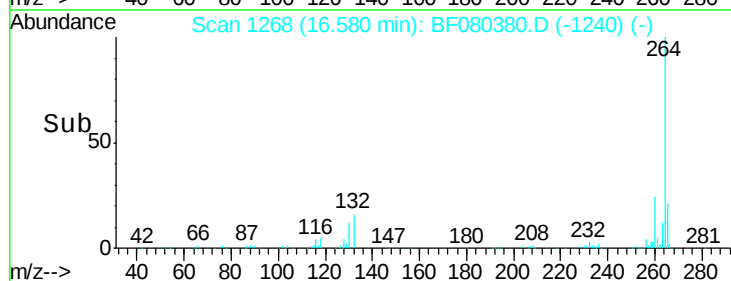
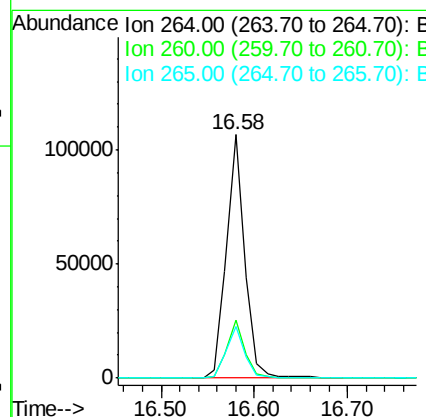
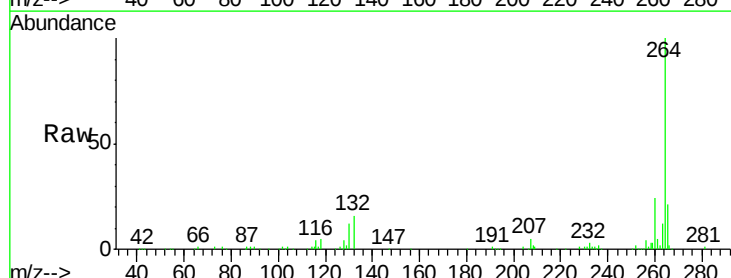
Manual Integrations
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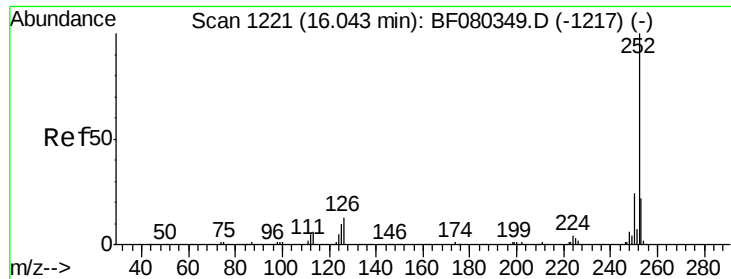
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.58 min Scan# 1268
 Delta R.T. 0.02 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.1	17.6	26.4





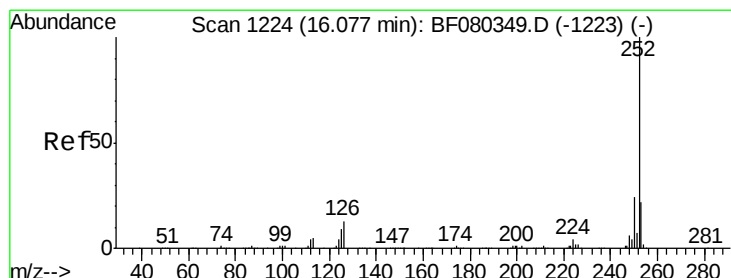
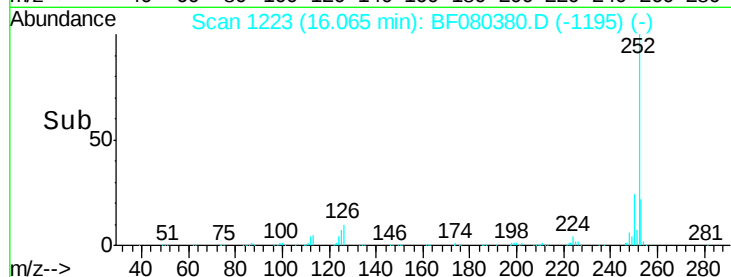
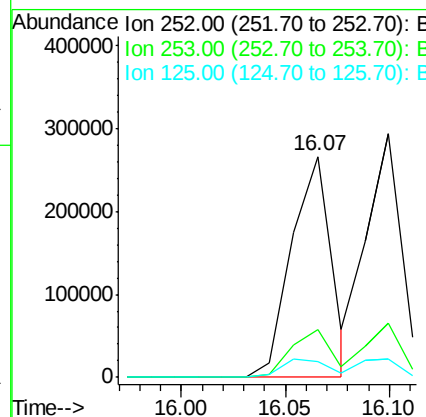
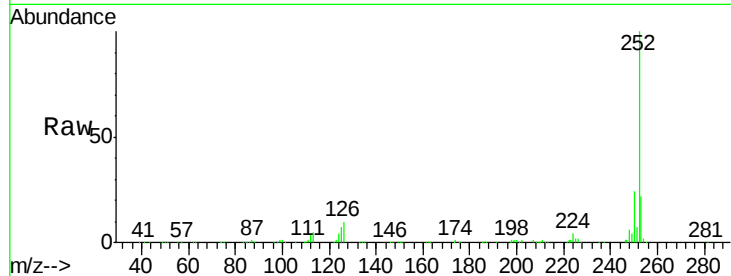
#87
Benzo(b)fluoranthene
Concen: 38.65 ng m
RT: 16.07 min Scan# 1223
Delta R.T. 0.02 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	7.4	7.7	11.5#

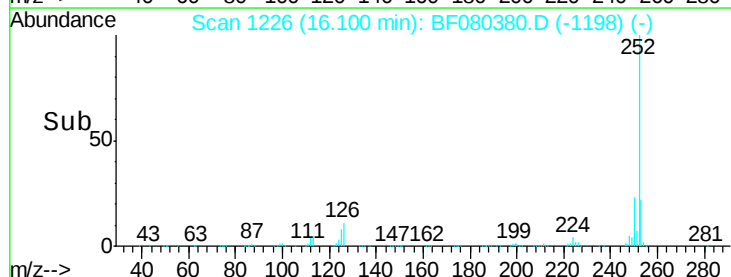
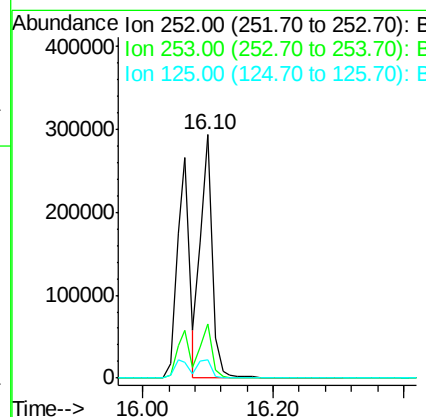
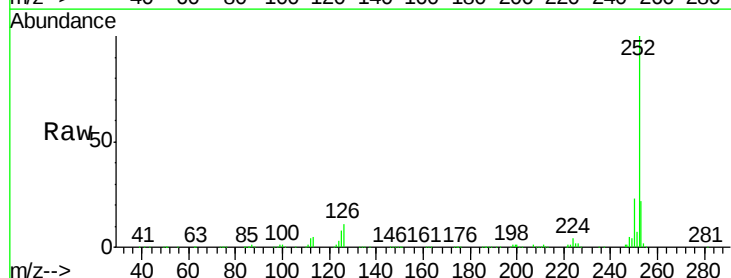
Manual Integrations
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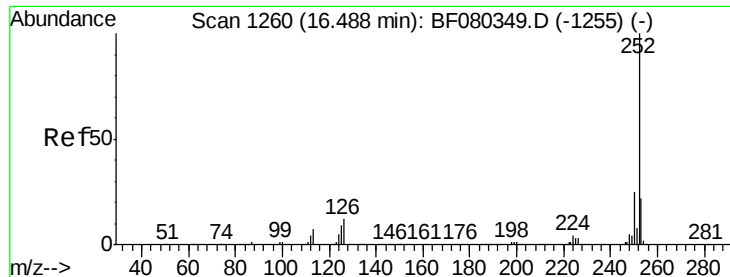
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#88
Benzo(k)fluoranthene
Concen: 42.16 ng
RT: 16.10 min Scan# 1226
Delta R.T. 0.02 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.7	8.5	12.7#





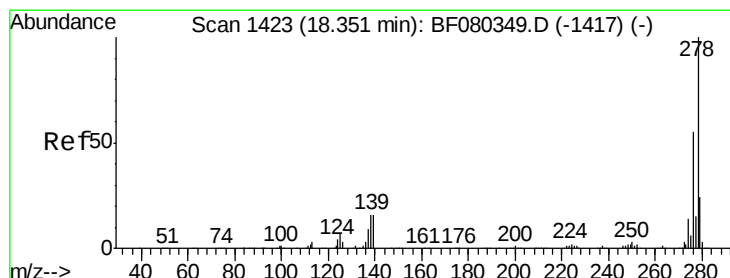
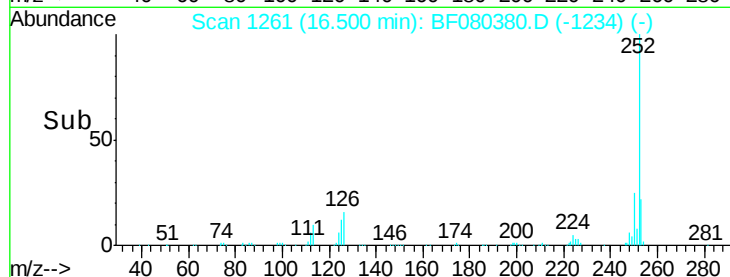
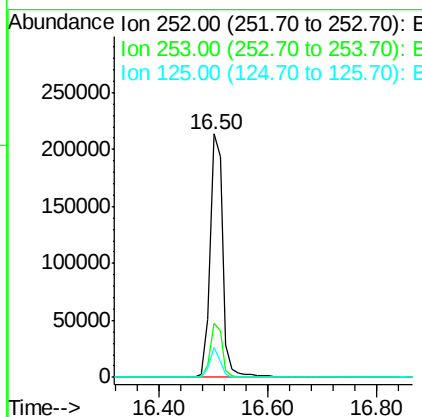
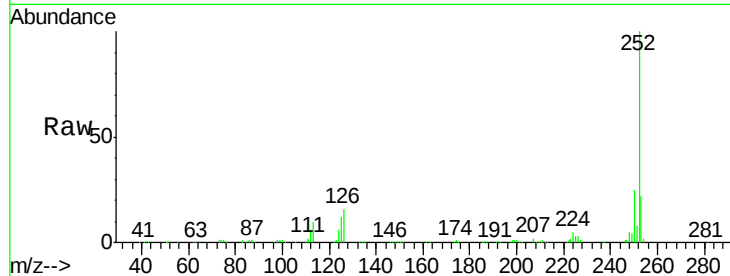
#89
Benzo(a)pyrene
Concen: 41.99 ng
RT: 16.50 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	12.0	7.3	10.9

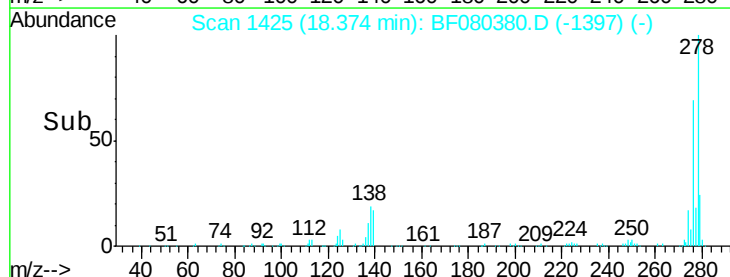
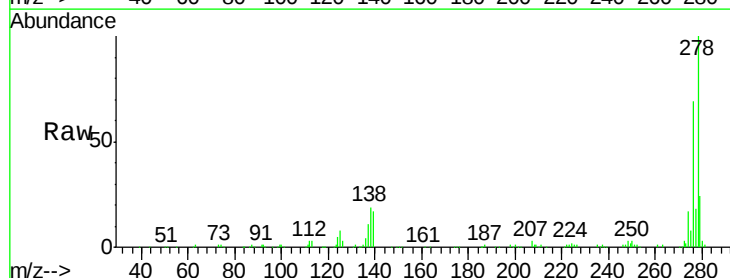
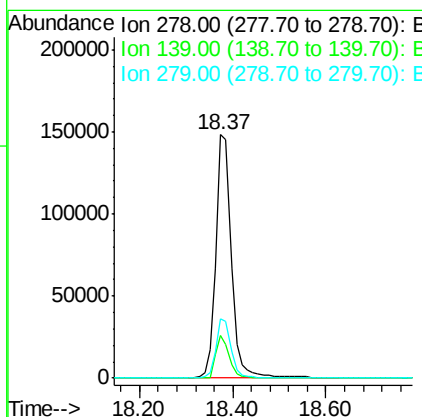
Manual Integrations
APPROVED

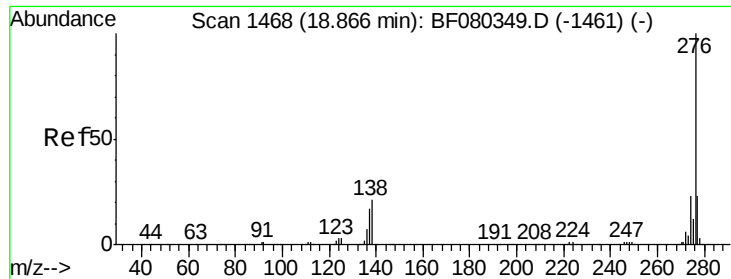
apatel
7/8/2015 4:27:01 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.69 ng
RT: 18.37 min Scan# 1425
Delta R.T. 0.02 min
Lab File: BF080380.D
Acq: 7 Jul 2015 19:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.0	19.6
279	24.2	19.1	28.7





#91
 Benzo(g,h,i)perylene
 Concen: 40.79 ng
 RT: 18.89 min Scan# 1470
 Delta R.T. 0.02 min
 Lab File: BF080380.D
 Acq: 7 Jul 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MSD

Tgt Ion:	276	Resp:	341207
Ion Ratio		Lower	Upper
276	100		
277	24.0	18.6	28.0
138	22.5	16.8	25.2

Manual Integrations
 APPROVED

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