

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
 Data File : BF080379.D
 Acq On : 7 Jul 2015 18:59
 Operator : TP/UM
 Sample : G2906-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Manual Integrations
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 7/8/2015 4:26:56 PM

Quant Time: Jul 08 02:23:32 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	36933	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	140409	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	70113	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	144338	20.00	ng	0.00
75) Chrysene-d12	14.68	240	158245	20.00	ng	-0.06
86) Perylene-d12	16.49	264	151472	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	321287	159.32	ng	0.00
7) Phenol-d6	6.84	99	425355	159.13	ng	0.01
23) Nitrobenzene-d5	7.79	82	246385	102.35	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	109335	149.03	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	430708	82.90	ng	0.00
78) Terphenyl-d14	13.45	244	536861	79.13	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	36089	37.90	ng	97
3) Pyridine	3.87	79	104626	43.18	ng	99
4) n-Nitrosodimethylamine	3.78	42	49332	43.33	ng	94
6) Aniline	6.89	93	131933	35.65	ng	99
8) 2-Chlorophenol	7.01	128	108735	46.51	ng	99
9) Benzaldehyde	6.77	77	57519	38.69	ng	98
10) Phenol	6.85	94	146162	50.42	ng	95
11) bis(2-Chloroethyl)ether	6.94	93	98059	44.84	ng	98
12) 1,3-Dichlorobenzene	7.17	146	124388	43.34	ng	99
13) 1,4-Dichlorobenzene	7.24	146	116641m	43.52	ng	
14) 1,2-Dichlorobenzene	7.40	146	121844	44.92	ng	98
15) Benzyl Alcohol	7.36	79	99112	47.90	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	157559	44.56	ng	99
17) 2-Methylphenol	7.47	107	82828	45.71	ng	97
18) Hexachloroethane	7.74	117	37320	43.34	ng	# 61
19) n-Nitroso-di-n-propylamine	7.62	70	74200	42.78	ng	# 75
20) 3+4-Methylphenols	7.62	107	115931	45.91	ng	94
22) Acetophenone	7.63	105	161945	49.99	ng	# 97
24) Nitrobenzene	7.80	77	114089	47.18	ng	99
25) Isophorone	8.04	82	223102	48.15	ng	98
26) 2-Nitrophenol	8.12	139	49340	47.15	ng	# 54
27) 2,4-Dimethylphenol	8.16	122	99398	48.28	ng	96
28) bis(2-Chloroethoxy)methane	8.25	93	140542	48.84	ng	99
29) 2,4-Dichlorophenol	8.36	162	90298	49.39	ng	# 83
30) 1,2,4-Trichlorobenzene	8.45	180	94204	43.36	ng	# 90
31) Naphthalene	8.54	128	315948	43.87	ng	99
32) Benzoic acid	8.20	122	17648	21.58	ng	85
33) 4-Chloroaniline	8.58	127	100611m	35.05	ng	
34) Hexachlorobutadiene	8.66	225	59189	44.78	ng	99
35) Caprolactam	8.91	113	24599	43.57	ng	# 86
36) 4-Chloro-3-methylphenol	9.05	107	86865	46.05	ng	99
37) 2-Methylnaphthalene	9.23	142	210952	45.94	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	95521	42.99	ng	98
40) Hexachlorocyclopentadiene	9.39	237	67598	73.78	ng	99

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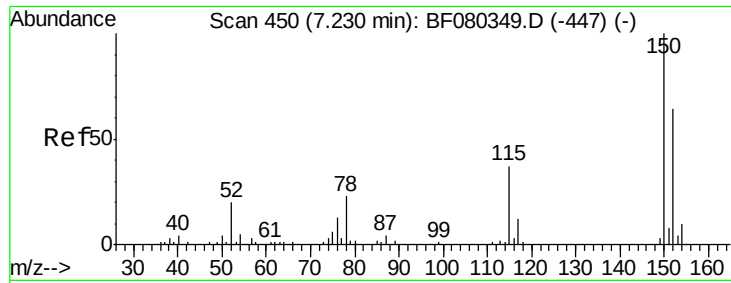
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	63094	43.11	ng	99
43) 2,4,5-Trichlorophenol	9.55	196	76644	44.92	ng	97
45) 1,1'-Biphenyl	9.70	154	275874	44.33	ng	98
46) 2-Chloronaphthalene	9.73	162	200147	42.18	ng	99
47) 2-Nitroaniline	9.81	65	63981	48.19	ng	98
48) Acenaphthylene	10.14	152	324067	41.03	ng	99
49) Dimethylphthalate	9.98	163	355714	63.19	ng	100
50) 2,6-Dinitrotoluene	10.05	165	54770	46.54	ng	92
51) Acenaphthene	10.33	154	192377	40.69	ng	99
52) 3-Nitroaniline	10.22	138	55011	41.48	ng	94
53) 2,4-Dinitrophenol	10.33	184	13425	31.36	ng	# 1
54) Dibenzofuran	10.50	168	286313	42.59	ng	99
55) 4-Nitrophenol	10.37	139	91333	93.96	ng	93
56) 2,4-Dinitrotoluene	10.46	165	65885	43.53	ng	98
57) Fluorene	10.84	166	250190	43.22	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	58544	42.84	ng	98
59) Diethylphthalate	10.69	149	257919	45.87	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	108672	42.42	ng	98
61) 4-Nitroaniline	10.84	138	56723	44.06	ng	98
62) Azobenzene	10.99	77	229282	42.93	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	25718	32.53	ng	94
65) n-Nitrosodiphenylamine	10.94	169	201030	43.73	ng	98
66) 4-Bromophenyl-phenylether	11.32	248	73971	44.74	ng	91
67) Hexachlorobenzene	11.40	284	74855	43.16	ng	96
68) Atrazine	11.46	200	70080	51.21	ng	98
69) Pentachlorophenol	11.59	266	64740	75.48	ng	94
70) Phenanthrene	11.81	178	378270	43.69	ng	100
71) Anthracene	11.87	178	363975	42.88	ng	99
72) Carbazole	12.02	167	343402	43.37	ng	98
73) Di-n-butylphthalate	12.34	149	388628	42.91	ng	100
74) Fluoranthene	13.05	202	385196	41.41	ng	97
76) Benzidine	13.17	184	234408	58.40	ng	98
77) Pyrene	13.30	202	402388	42.04	ng	100
79) Butylbenzylphthalate	13.99	149	174803	45.77	ng	94
80) Benzo(a)anthracene	14.67	228	399603	41.90	ng	100
81) 3,3'-Dichlorobenzidine	14.61	252	125599	39.72	ng	# 96
82) Chrysene	14.72	228	375827	42.12	ng	99
83) Bis(2-ethylhexyl)phthalate	14.65	149	265481	45.60	ng	# 99
84) Di-n-octyl phthalate	15.43	149	440574	45.81	ng	99
85) Indeno(1,2,3-cd)pyrene	18.25	276	438702	41.81	ng	99
87) Benzo(b)fluoranthene	15.97	252	378637	39.78	ng	# 98
88) Benzo(k)fluoranthene	16.01	252	387310	42.98	ng	# 96
89) Benzo(a)pyrene	16.41	252	377895	43.41	ng	# 98
90) Dibenzo(a,h)anthracene	18.27	278	364981	42.57	ng	99
91) Benzo(g,h,i)perylene	18.79	276	366176	42.12	ng	98

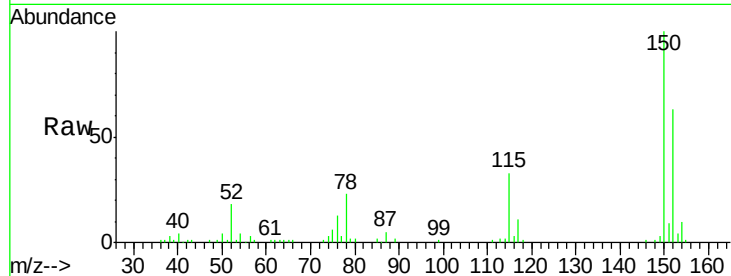
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

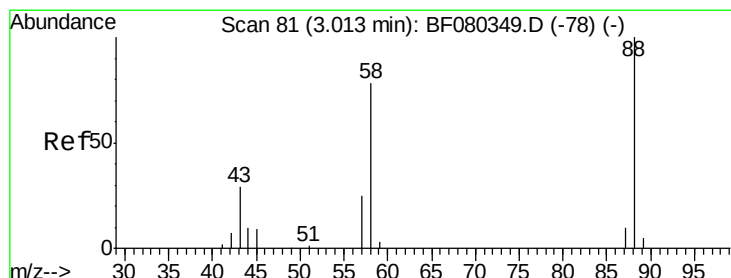
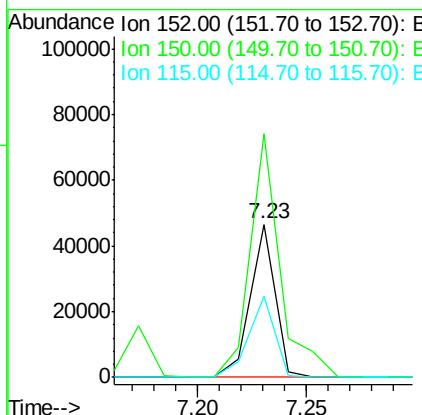
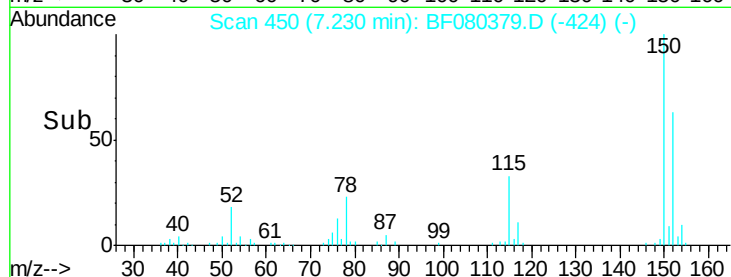
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.7	187.1
115	52.7	45.7	68.5

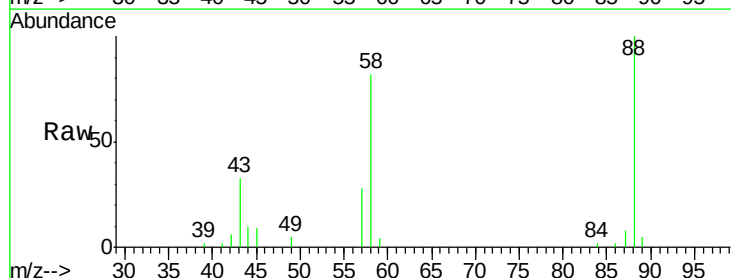
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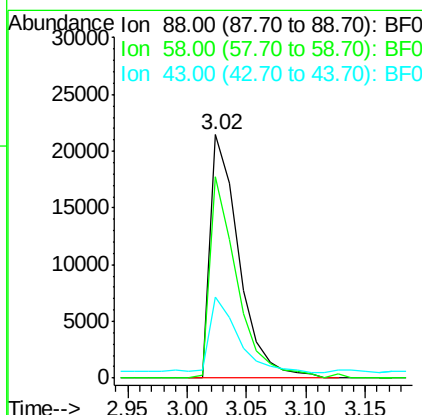
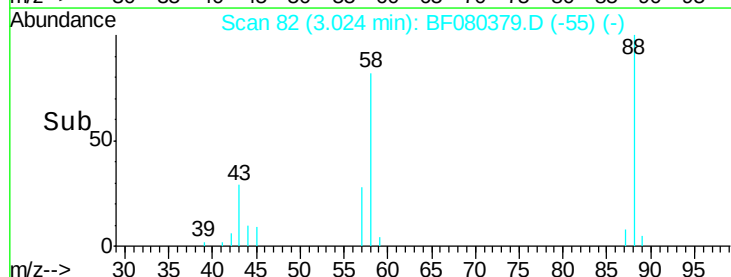


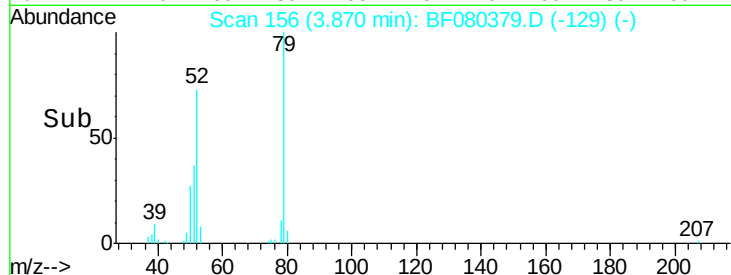
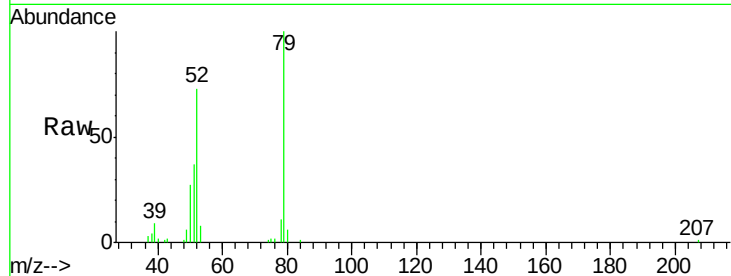
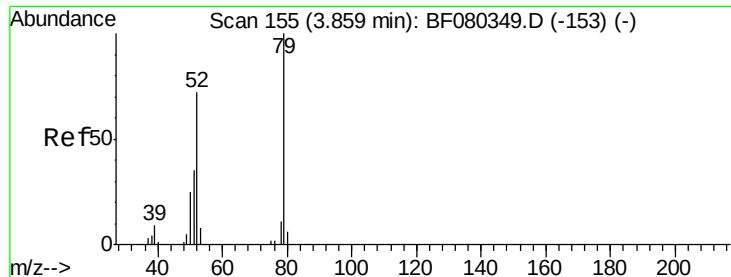
#2

1,4-Dioxane
 Concen: 37.90 ng
 RT: 3.02 min Scan# 82
 Delta R.T. 0.01 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59



Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.2	61.0	91.6
43	30.7	23.4	35.0





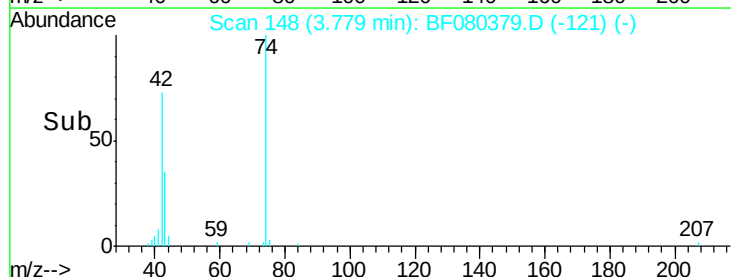
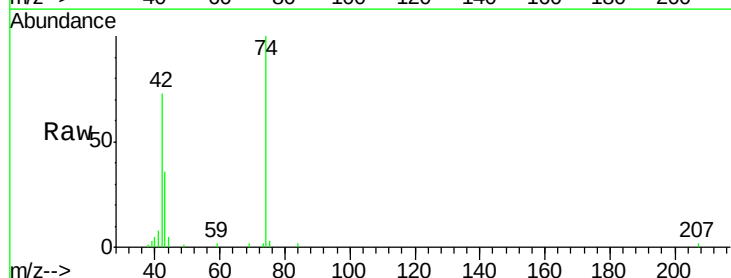
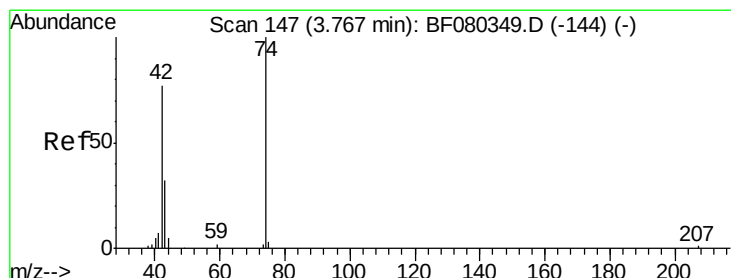
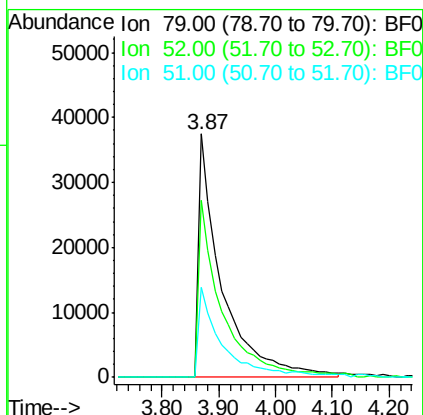
#3
 Pyridine
 Concen: 43.18 ng
 RT: 3.87 min Scan# 156
 Delta R.T. 0.01 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:	79	Resp:	104626
Ion Ratio		Lower	Upper
79	100		
52	72.5	57.2	85.8
51	37.2	29.4	44.0

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

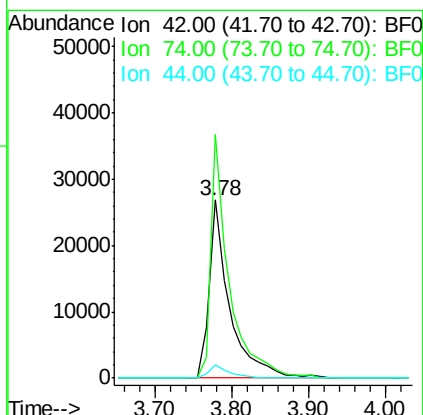
Manual Integrations
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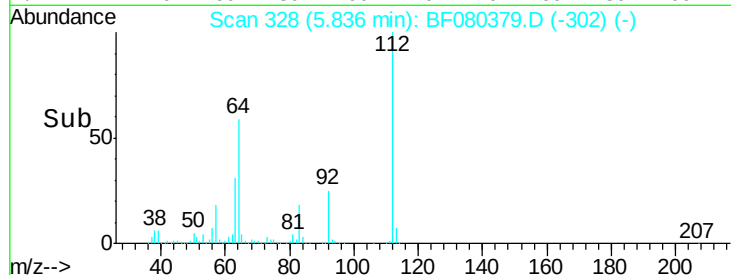
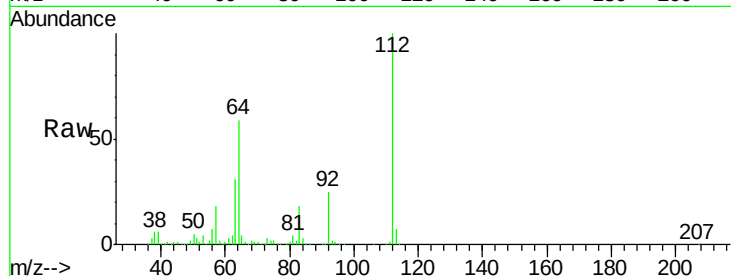
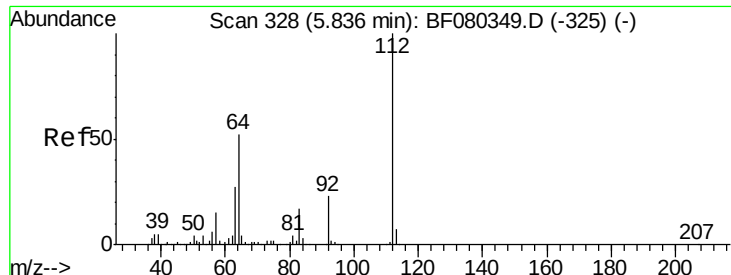
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#4
 n-Nitrosodimethylamine
 Concen: 43.33 ng
 RT: 3.78 min Scan# 148
 Delta R.T. 0.01 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion:	42	Resp:	49332
Ion Ratio		Lower	Upper
42	100		
74	136.8	103.4	155.0
44	7.4	5.4	8.0





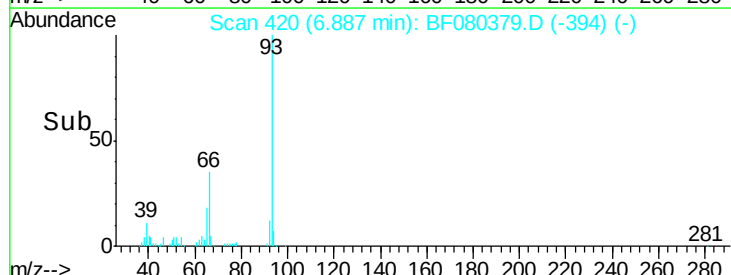
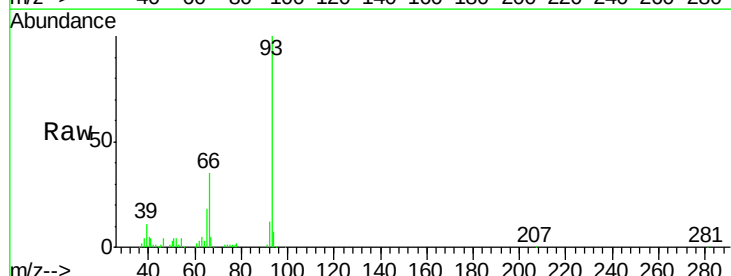
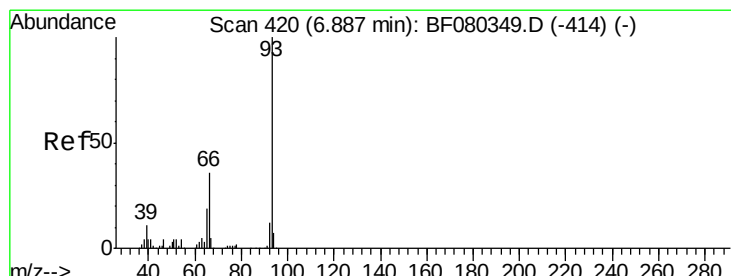
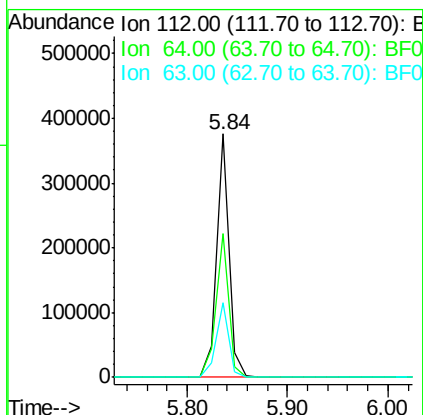
#5
2-Fluorophenol
Concen: 159.32 ng
RT: 5.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	321287		
64	59.2	41.8	62.6	
63	30.8	21.5	32.3	

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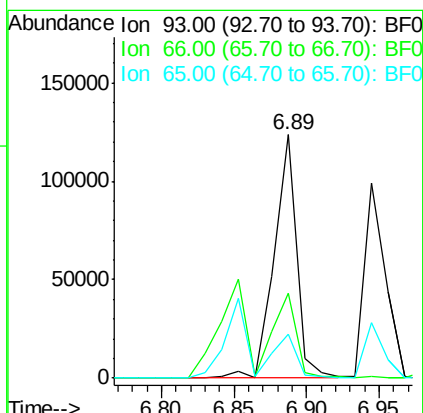
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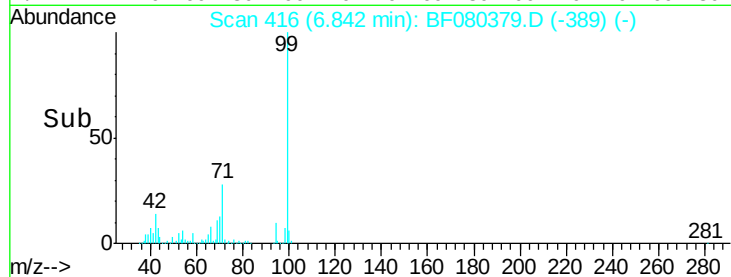
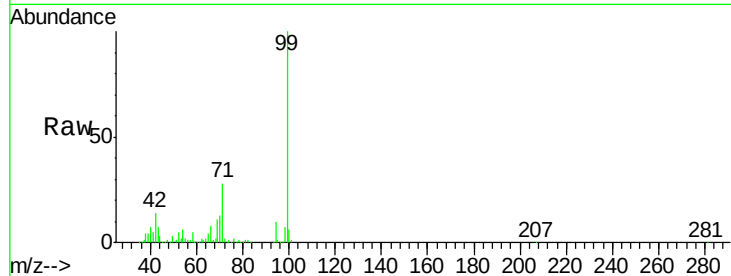
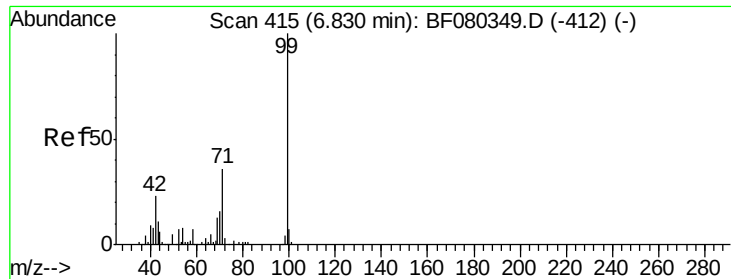
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#6
Aniline
Concen: 35.65 ng
RT: 6.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	131933		
66	35.1	28.7	43.1	
65	17.9	14.8	22.2	





#7

Phenol-d6

Concen: 159.13 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	425355		
42	14.4	18.5	27.7#	
71	27.8	28.5	42.7#	

Instrument :

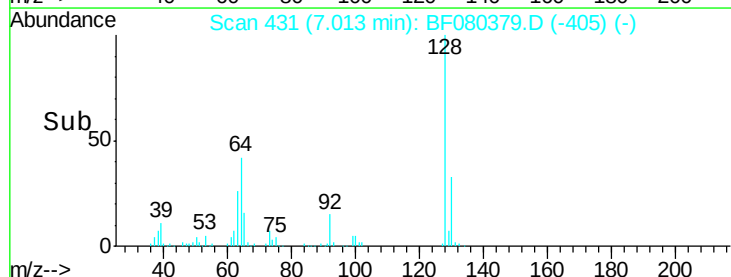
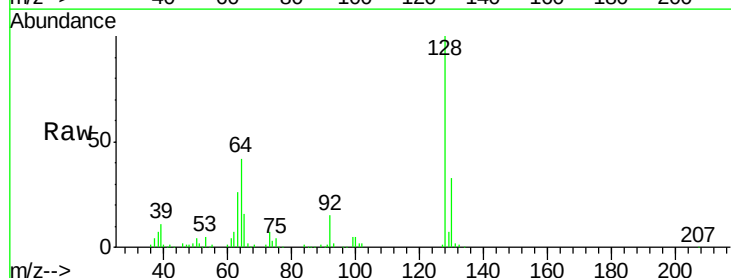
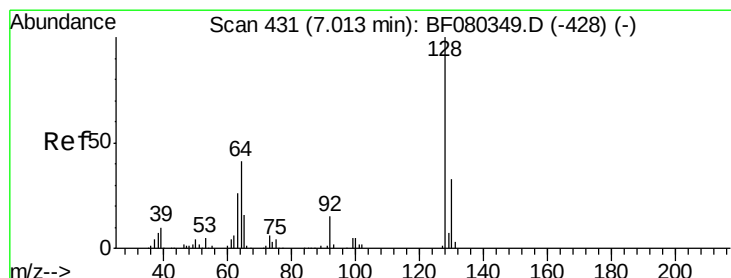
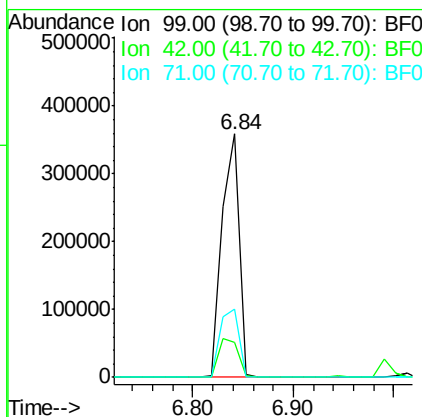
BNA_F

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#8

2-Chlorophenol

Concen: 46.51 ng

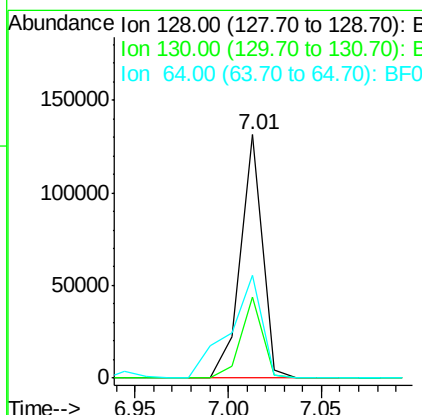
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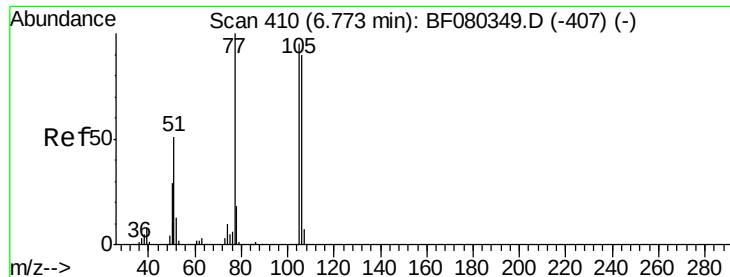
Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	108735		
130	33.2	12.8	52.8	
64	42.3	21.1	61.1	





#9

Benzaldehyde

Concen: 38.69 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080379.D

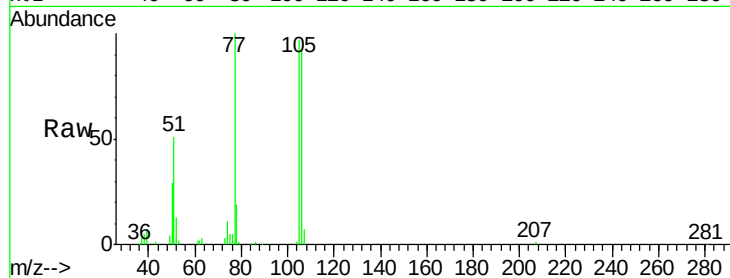
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Instrument :

BNA_F

ClientSampleId :

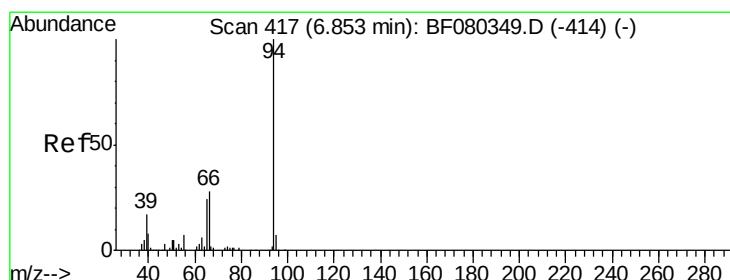
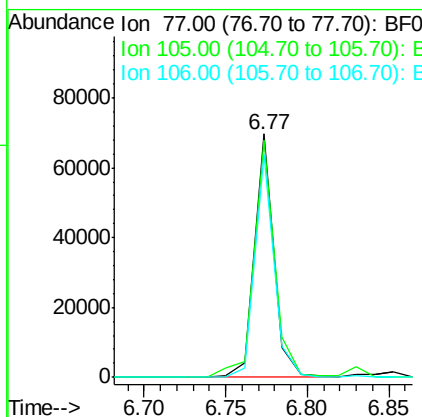
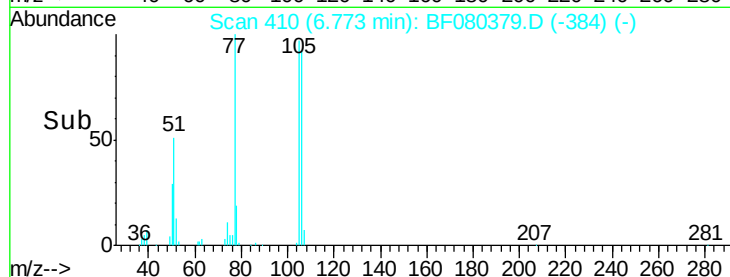
BOTTOMWEST-1MS



Tgt Ion:	77	Resp:	57519
Ion	Ratio	Lower	Upper
77	100		
105	97.5	75.2	115.2
106	91.8	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 50.42 ng

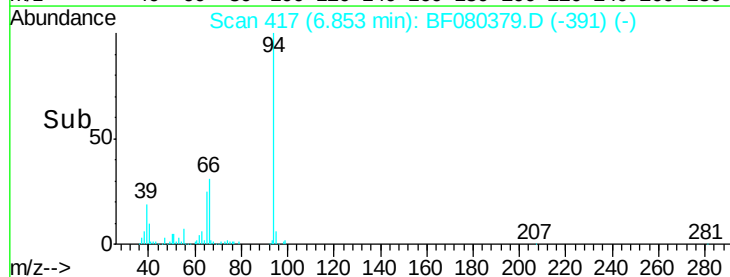
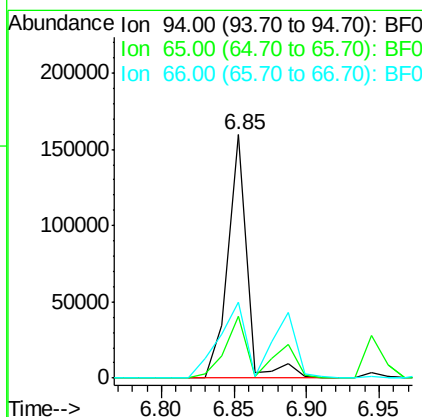
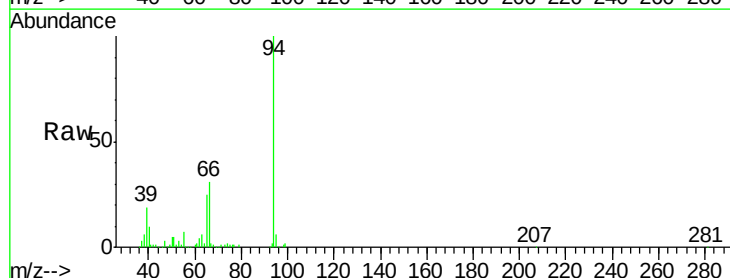
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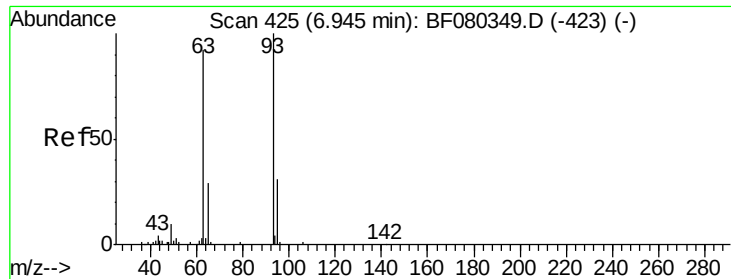
Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:	94	Resp:	146162
Ion	Ratio	Lower	Upper
94	100		
65	25.2	3.5	43.5
66	31.4	8.5	48.5





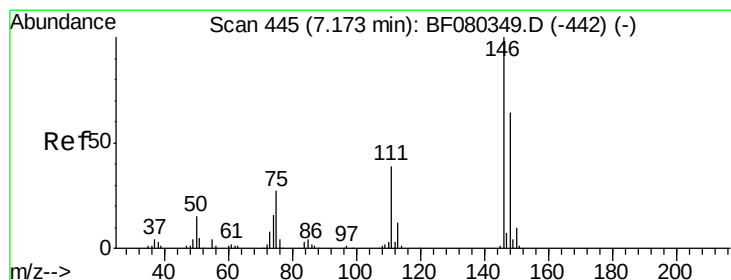
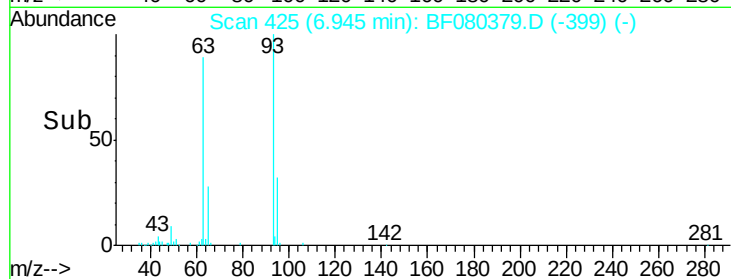
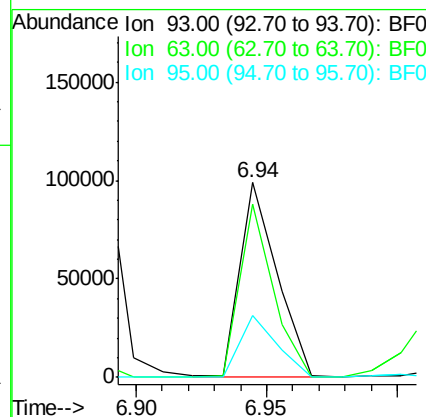
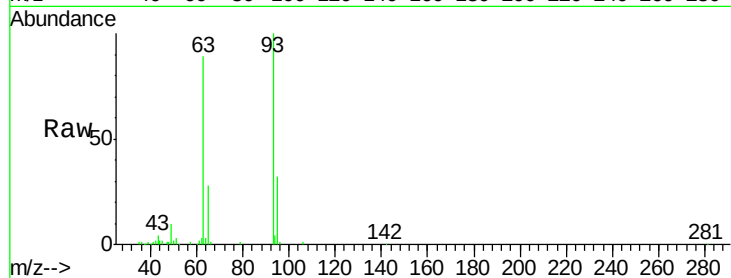
#11
bis(2-Chloroethyl)ether
Concen: 44.84 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion:	93	Resp:	98059
Ion	Ratio	Lower	Upper
93	100		
63	88.9	71.3	111.3
95	31.6	11.3	51.3

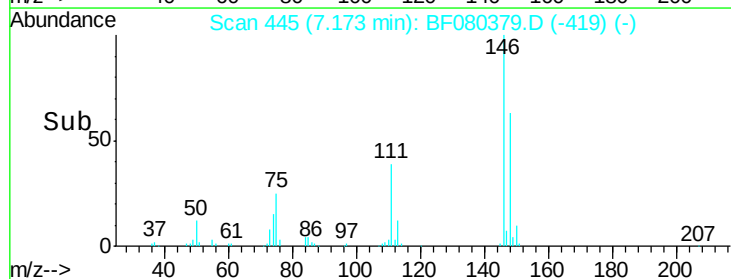
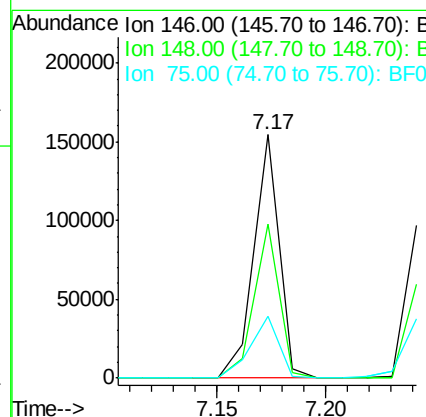
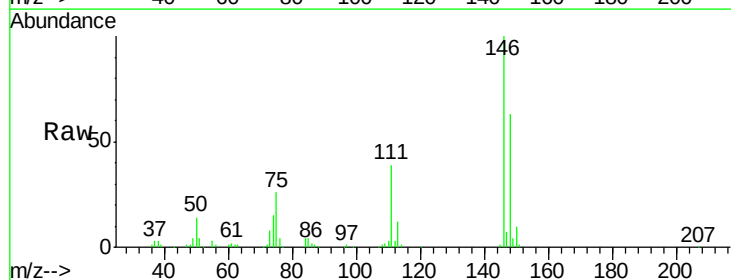
Manual Integrations
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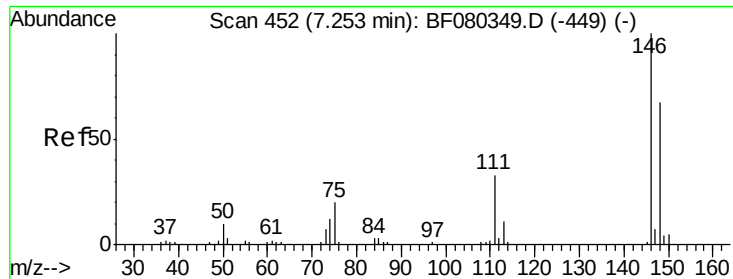
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#12
1,3-Dichlorobenzene
Concen: 43.34 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion:	146	Resp:	124388
Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	25.5	21.5	32.3





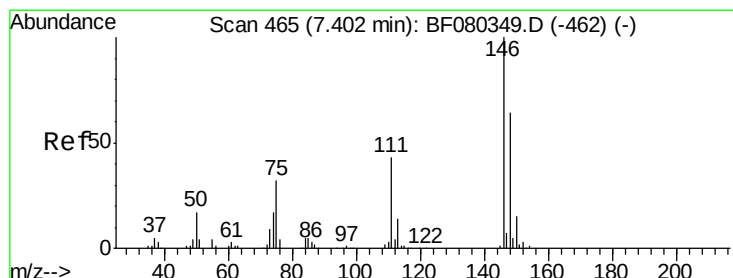
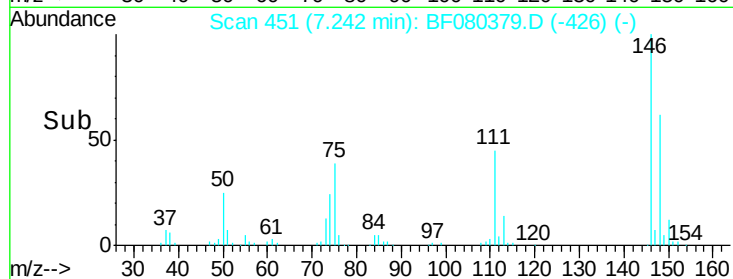
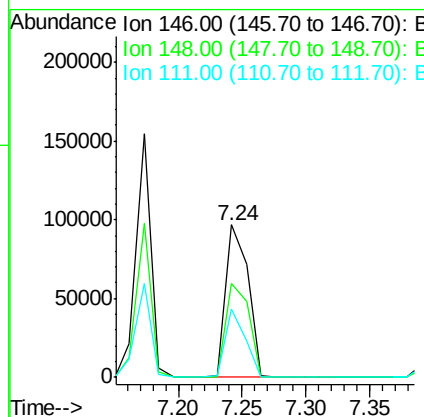
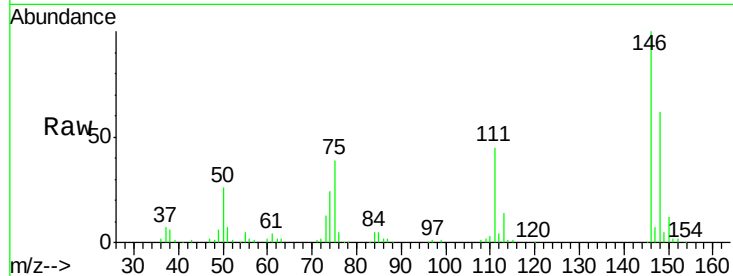
#13
1,4-Dichlorobenzene
Concen: 43.52 ng m
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116641		
148	61.5	53.4	80.0	
111	44.7	26.2	39.2	

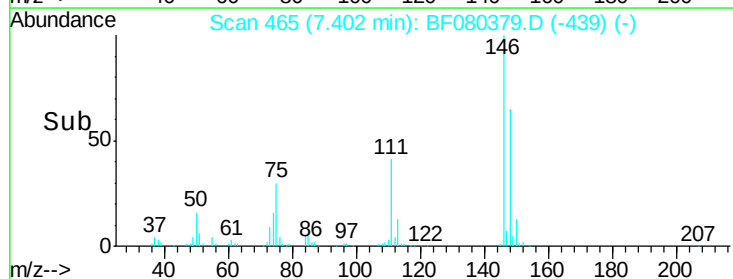
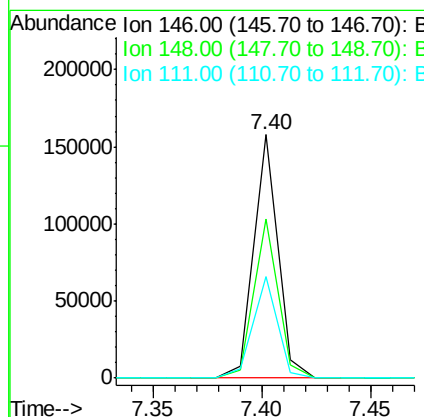
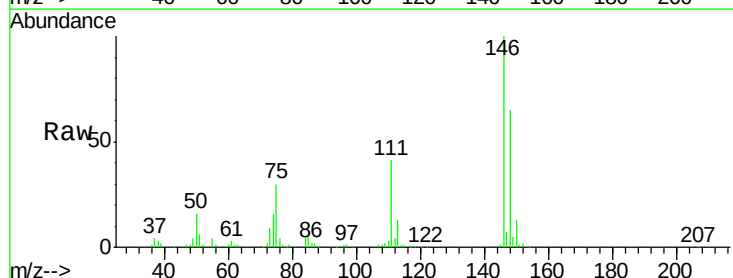
Manual Integrations
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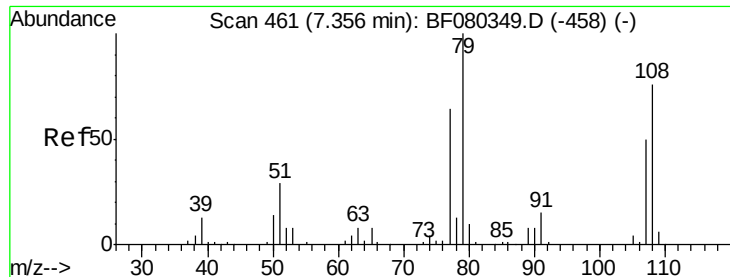
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#14
1,2-Dichlorobenzene
Concen: 44.92 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121844		
148	65.1	51.3	76.9	
111	41.5	34.6	52.0	





#15

Benzyl Alcohol

Concen: 47.90 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

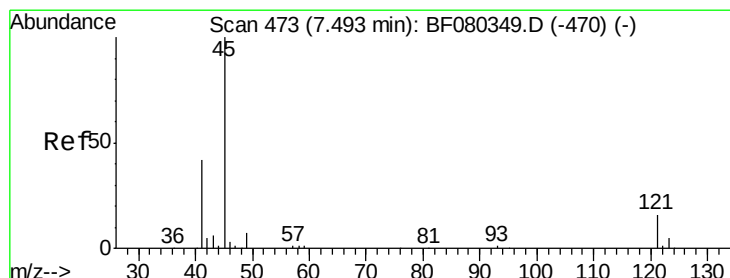
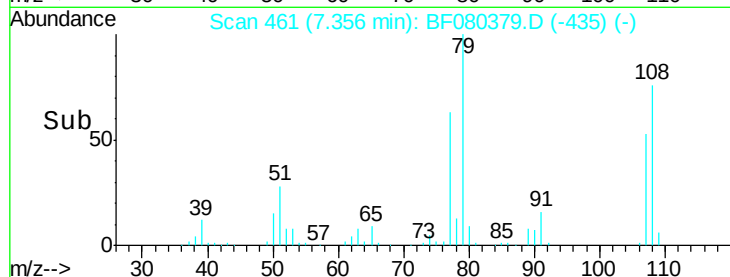
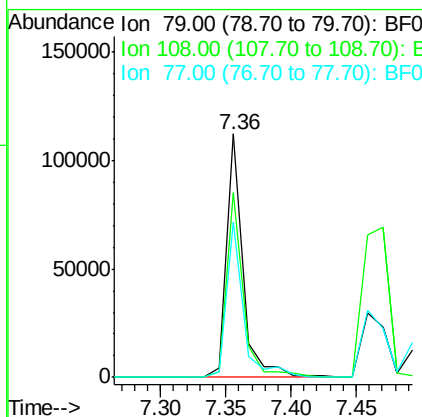
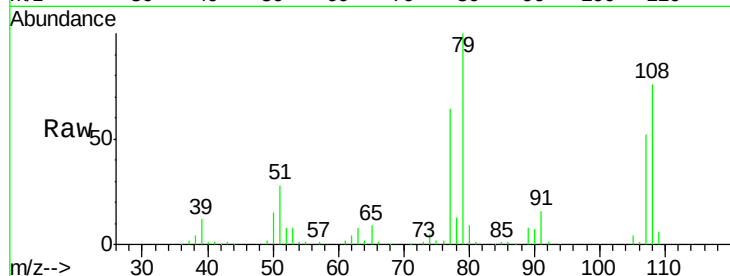
ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion:	79	Resp:	99112
Ion Ratio	Lower	Upper	
79	100		
108	75.6	60.6	90.8
77	63.8	50.8	76.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.56 ng

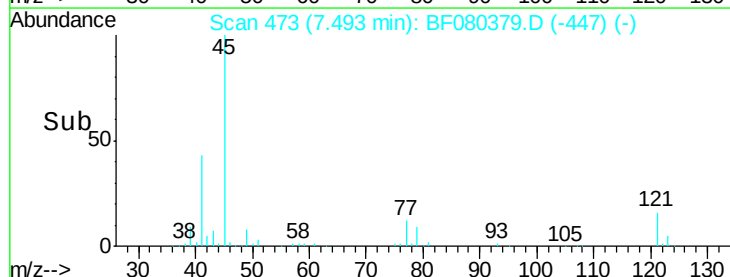
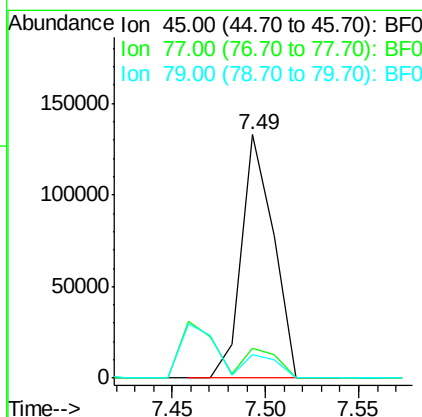
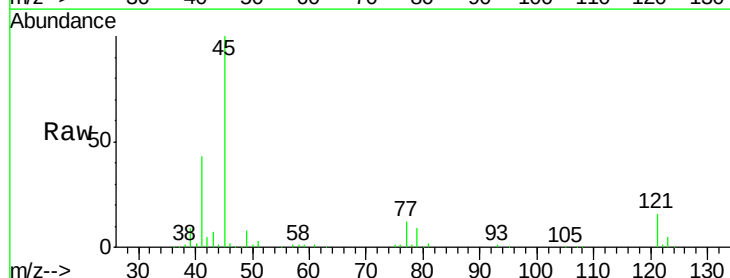
RT: 7.49 min Scan# 473

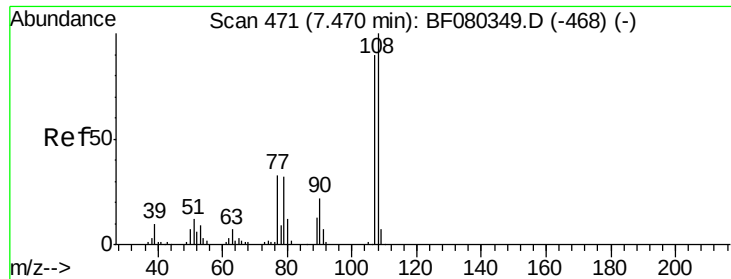
Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:	45	Resp:	157559
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.9
79	9.5	0.0	29.7





#17

2-Methylphenol

Concen: 45.71 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080379.D

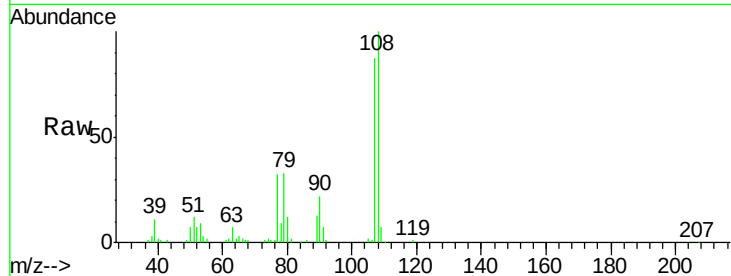
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS



Tgt Ion:107 Resp: 82828

Ion Ratio Lower Upper

107 100

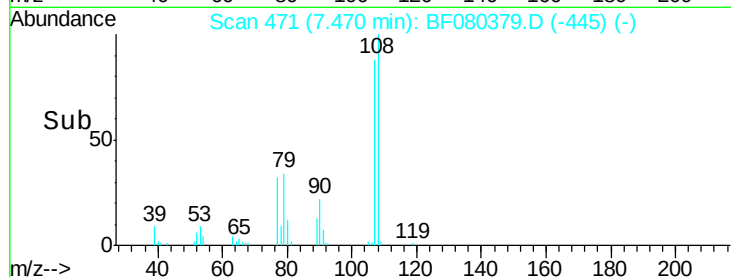
108 114.6 89.3 133.9

77 37.1 29.5 44.3

79 38.2 28.6 43.0

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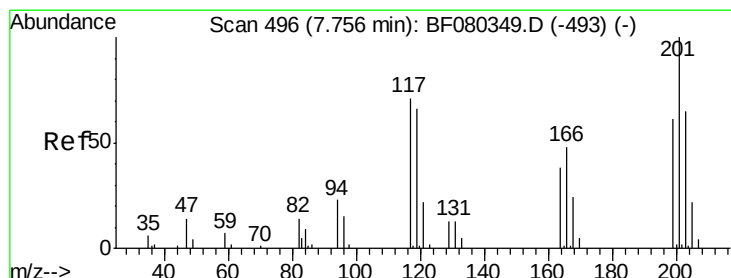
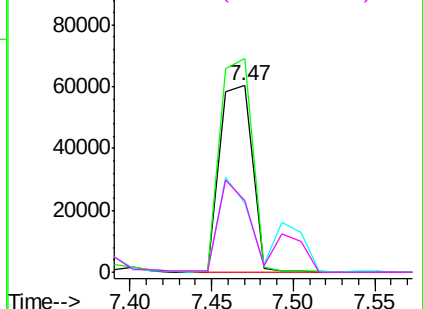


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.34 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

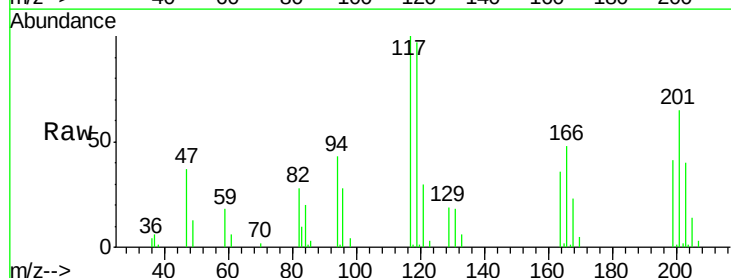
Tgt Ion:117 Resp: 37320

Ion Ratio Lower Upper

117 100

119 96.5 74.2 111.4

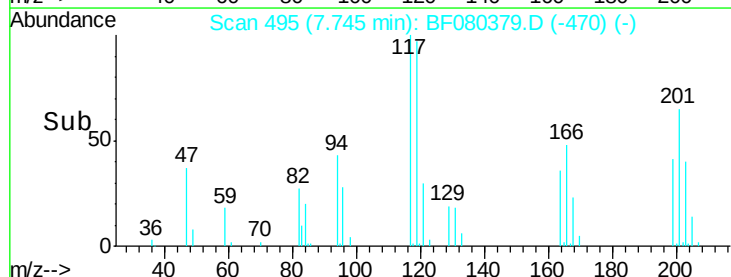
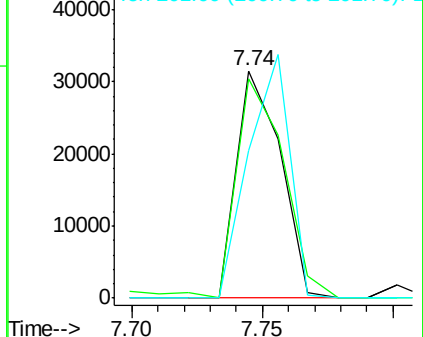
201 65.1 112.4 168.6#

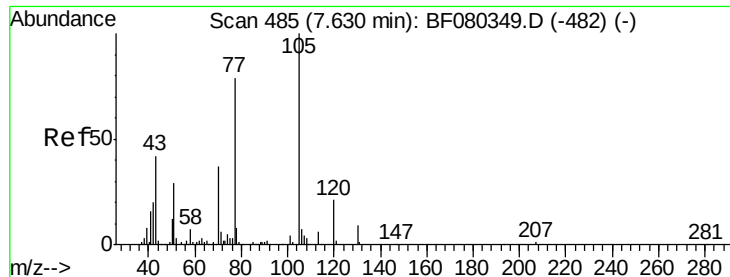


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





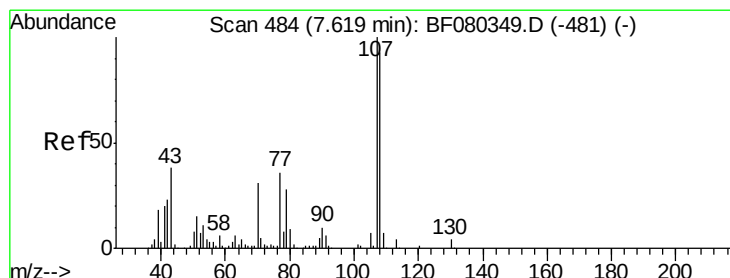
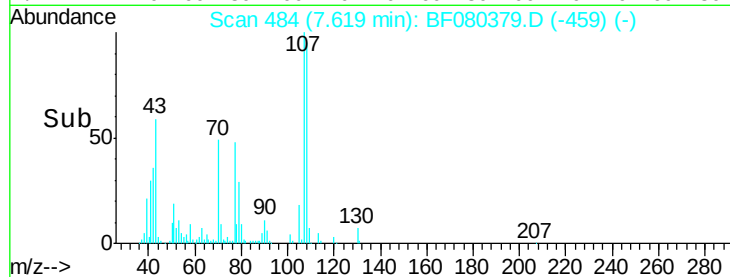
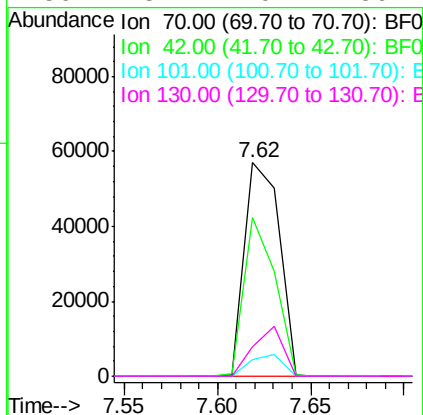
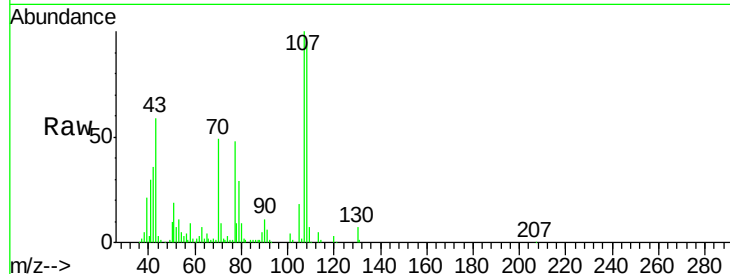
#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.2	43.0	64.6#
101	7.6	8.3	12.5#
130	13.7	20.2	30.2#

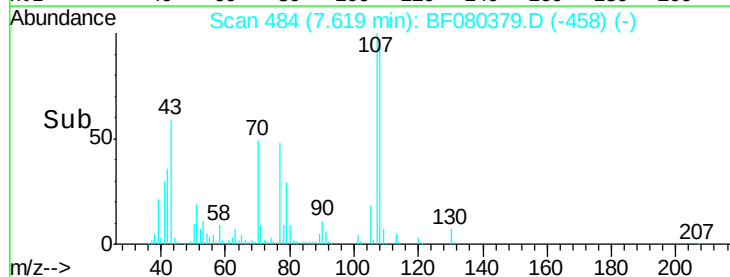
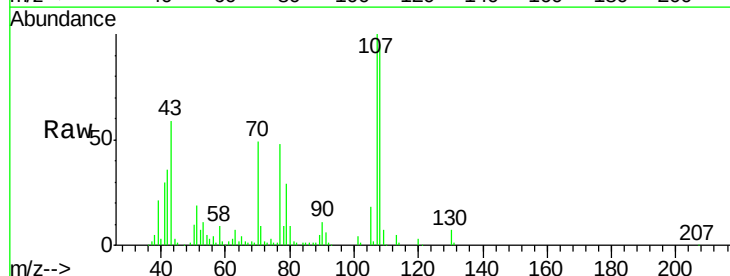
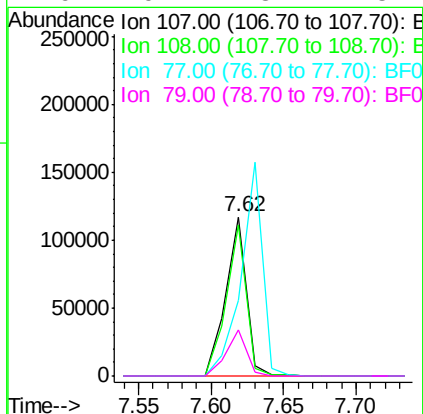
Manual Integrations
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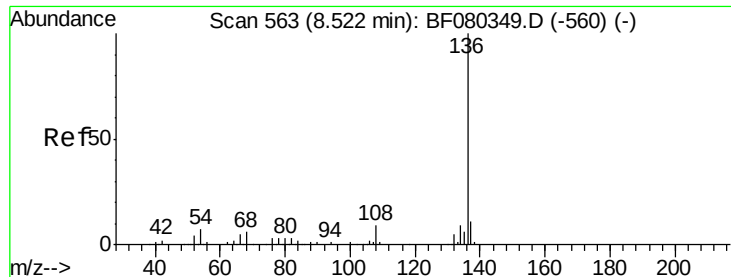
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#20
3+4-Methylphenols
Concen: 45.91 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.1	73.4	113.4
77	47.9	16.4	56.4
79	29.1	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: BF080379.D

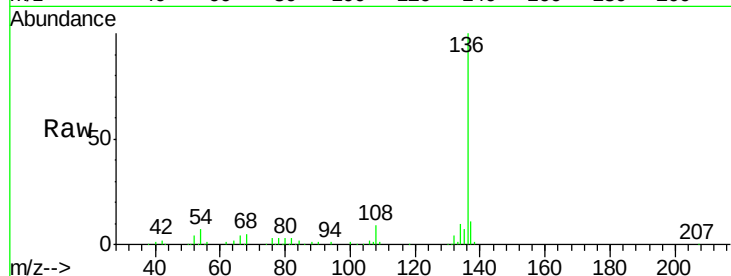
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

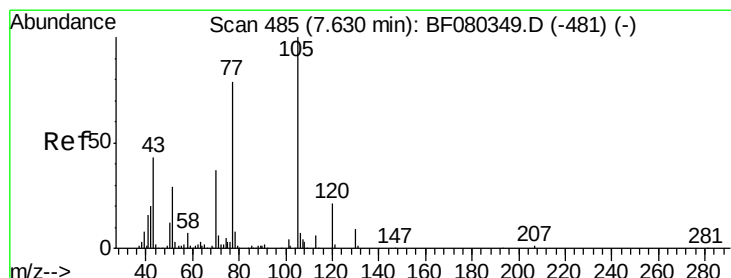
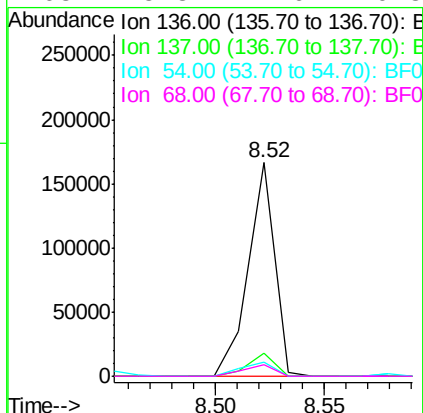
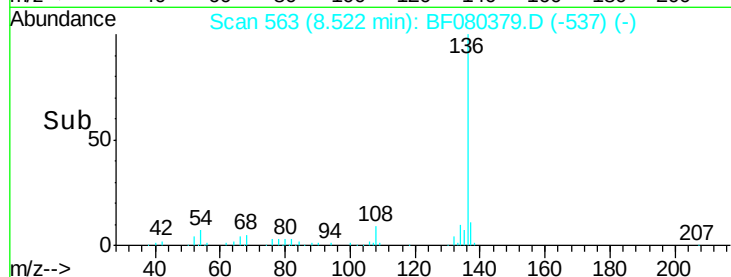
BOTTOMWEST-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	140409		
137	10.9	8.5	12.7	
54	6.7	5.8	8.8	
68	5.3	4.6	6.8	

Manual Integrations
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#22

Acetophenone

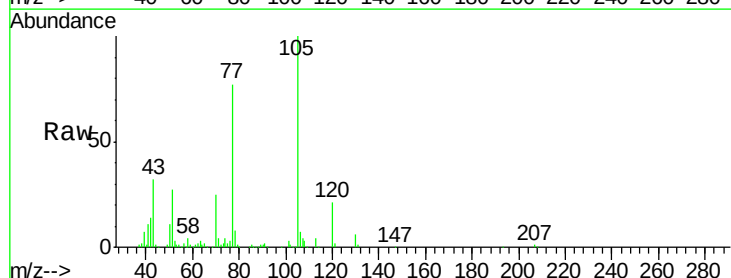
Concen: 49.99 ng

RT: 7.63 min Scan# 485

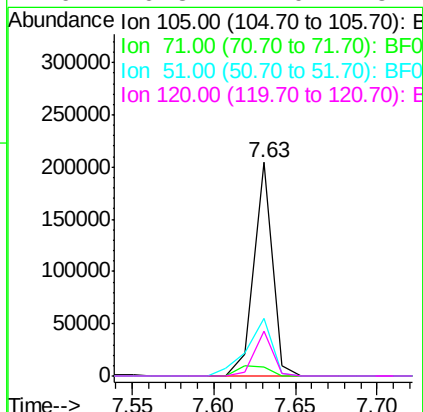
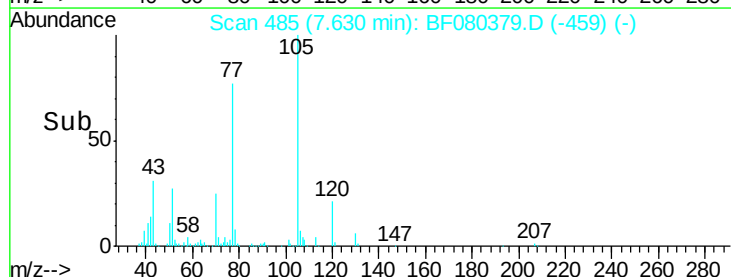
Delta R.T. 0.00 min

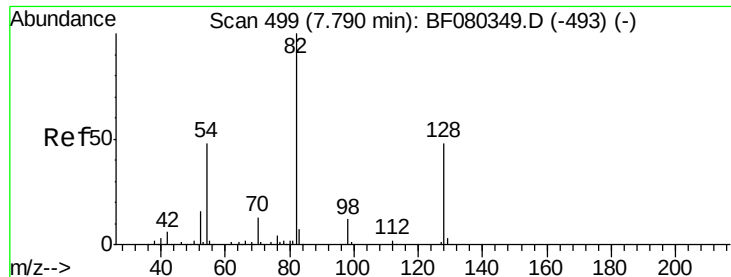
Lab File: BF080379.D

Acq: 7 Jul 2015 18:59



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161945		
71	4.0	5.0	7.6#	
51	27.2	23.2	34.8	
120	20.8	17.0	25.4	





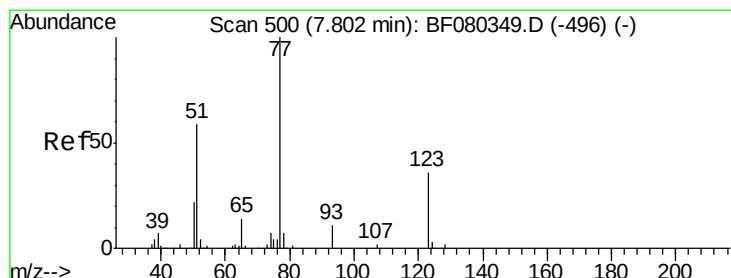
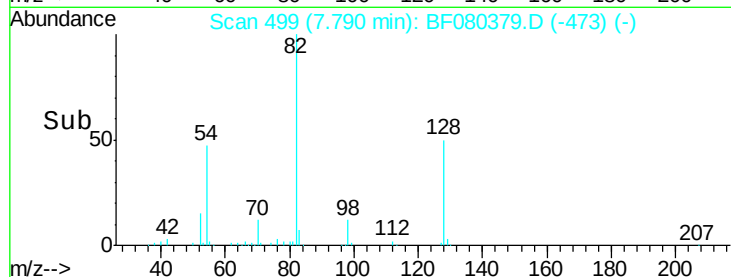
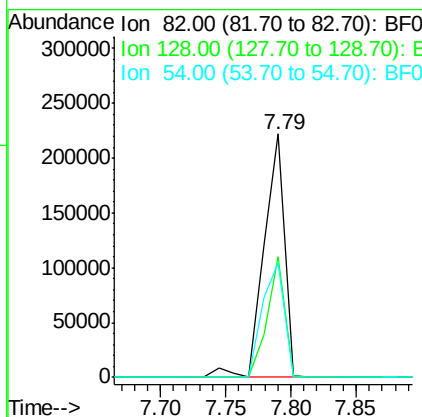
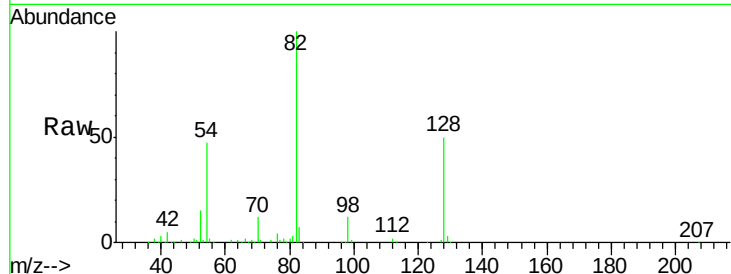
#23
 Nitrobenzene-d5
 Concen: 102.35 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	246385		
128	49.8	38.4	57.6	
54	46.9	38.2	57.2	

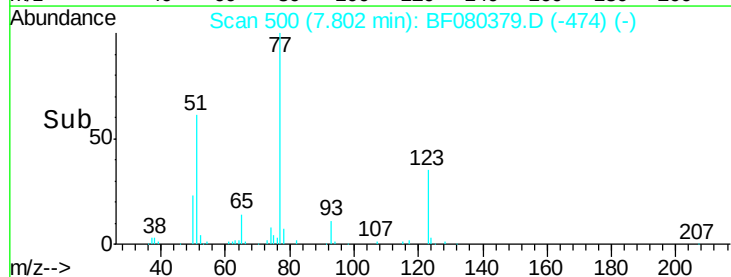
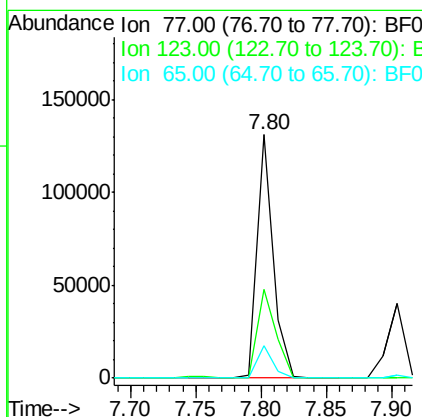
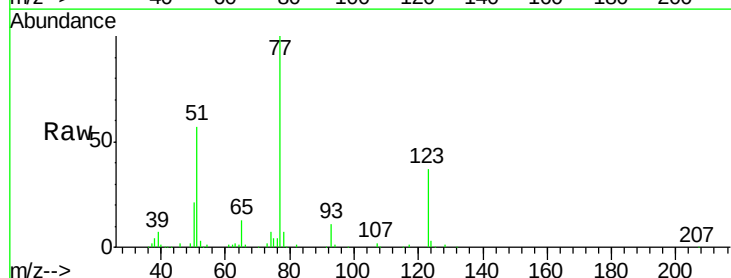
Manual Integrations
 APPROVED

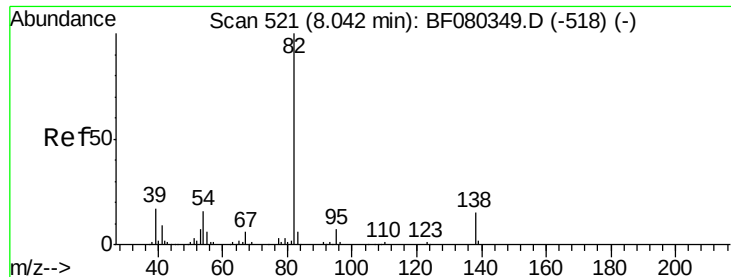
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#24
 Nitrobenzene
 Concen: 47.18 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	114089		
123	36.5	29.6	44.4	
65	13.1	11.1	16.7	





#25

Isophorone

Concen: 48.15 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF080379.D

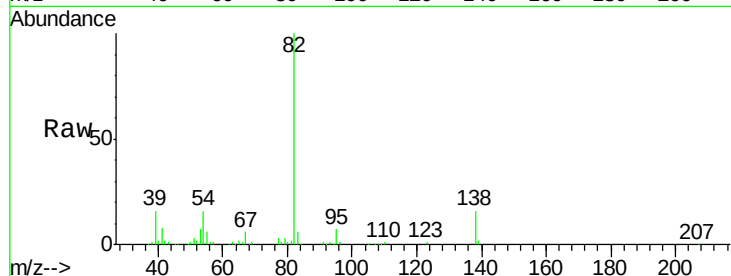
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

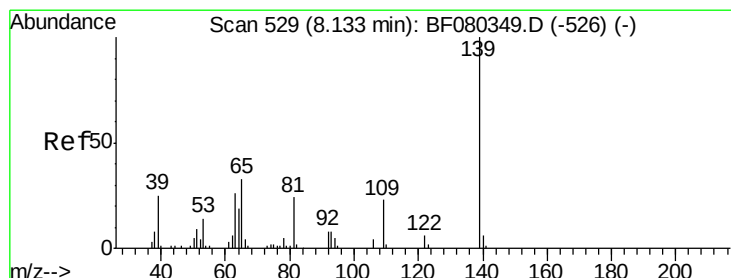
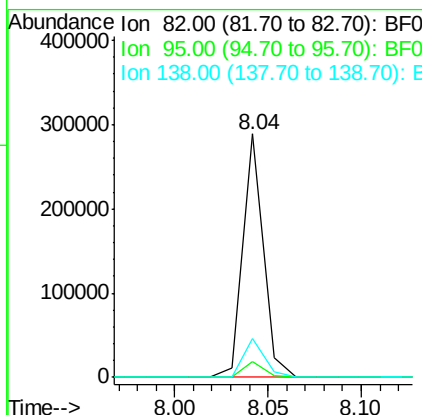
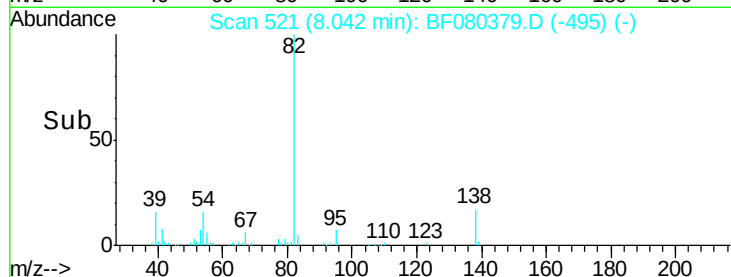
BOTTOMWEST-1MS



Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.2	7.8
138	16.1	12.0	18.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.15 ng

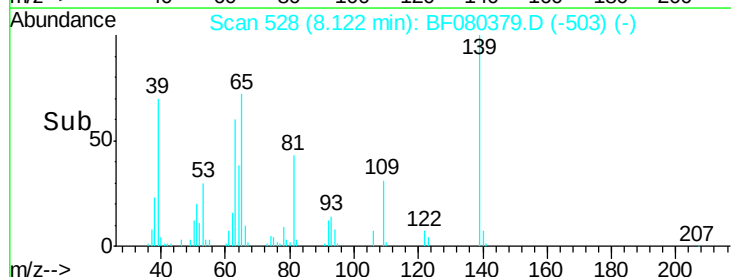
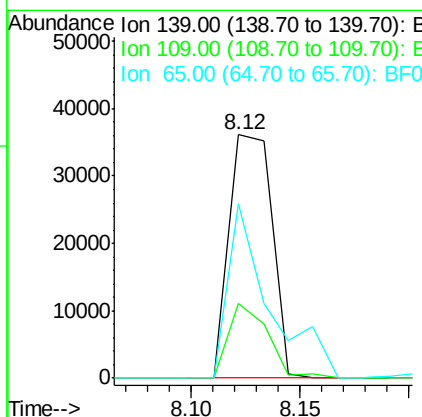
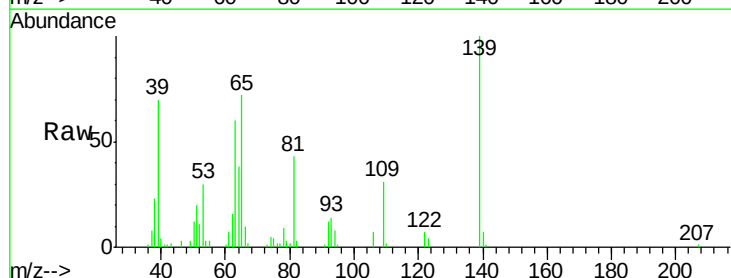
RT: 8.12 min Scan# 528

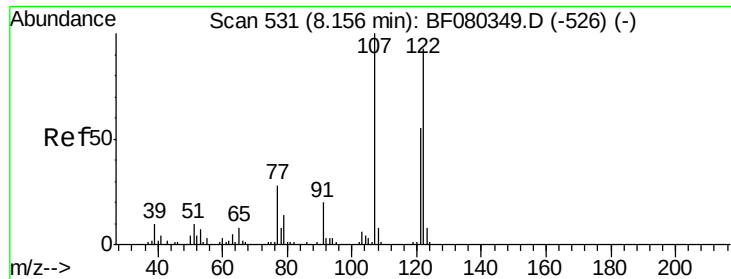
Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	18.4	27.6#
65	71.6	26.7	40.1#





#27

2,4-Dimethylphenol

Concen: 48.28 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF080379.D

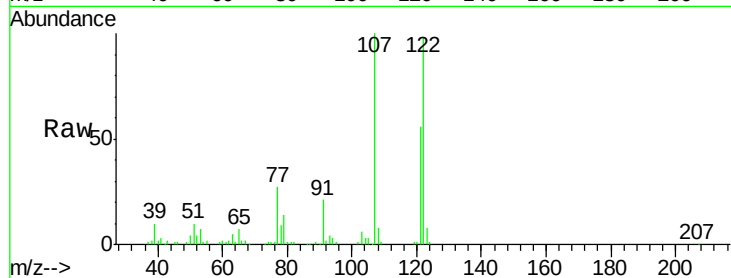
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

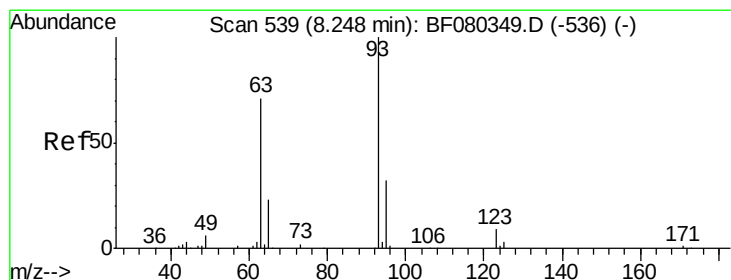
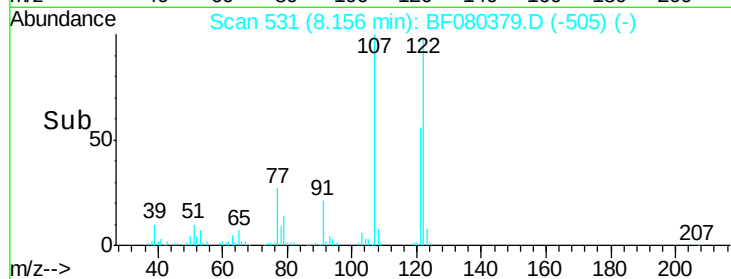
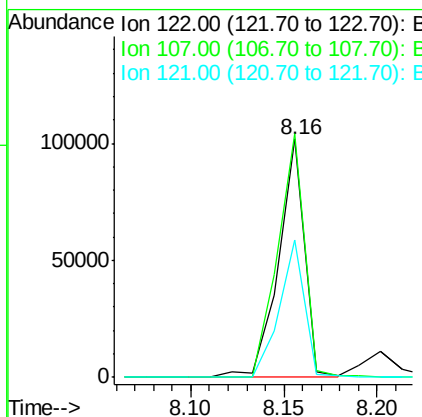
BOTTOMWEST-1MS



Tgt Ion:	122	Resp:	99398
Ion Ratio	Lower	Upper	
122	100		
107	102.3	85.8	128.6
121	57.5	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 48.84 ng

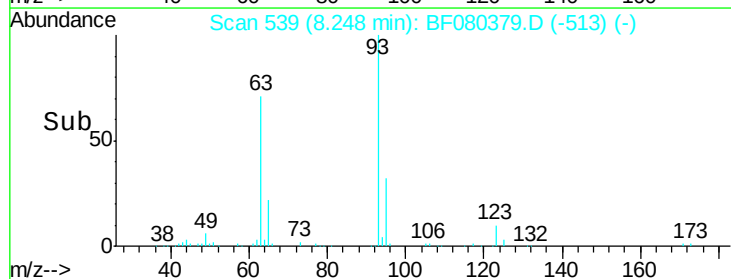
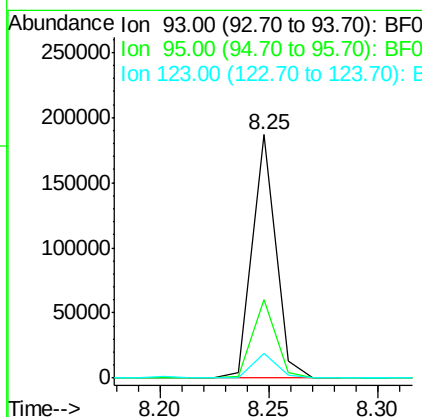
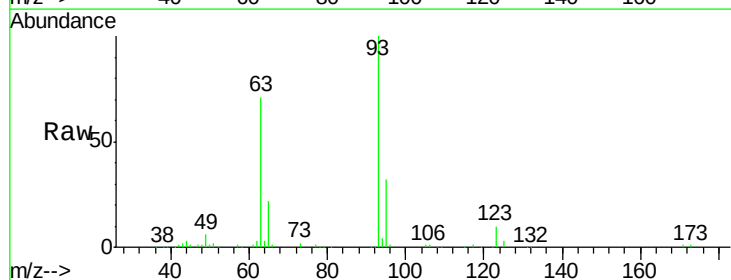
RT: 8.25 min Scan# 539

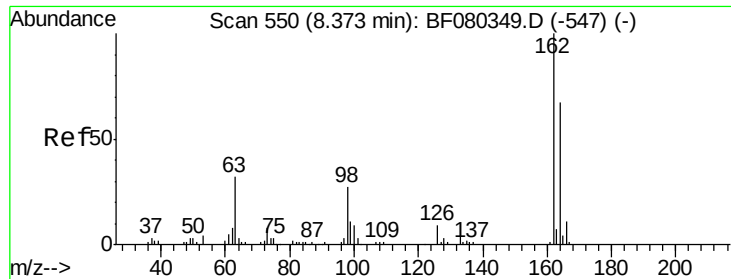
Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:	93	Resp:	140542
Ion Ratio	Lower	Upper	
93	100		
95	32.4	25.3	37.9
123	9.9	7.8	11.6





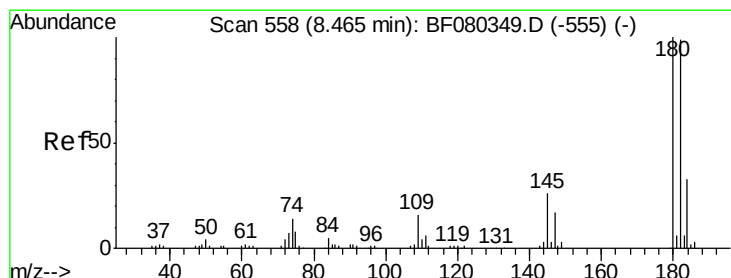
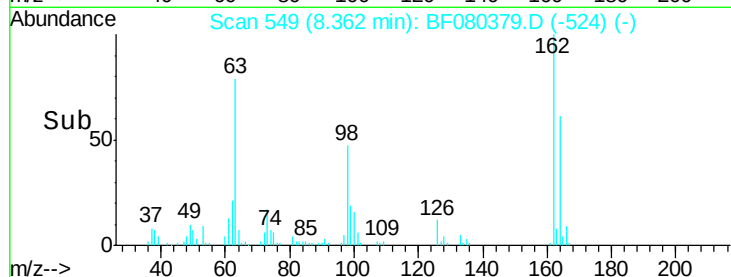
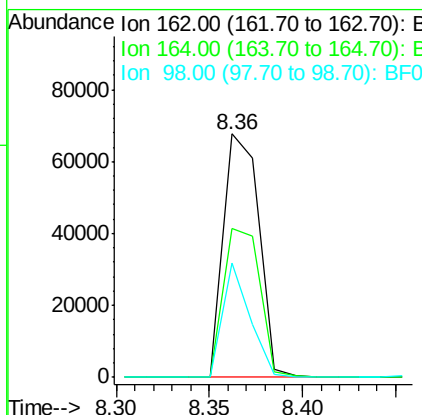
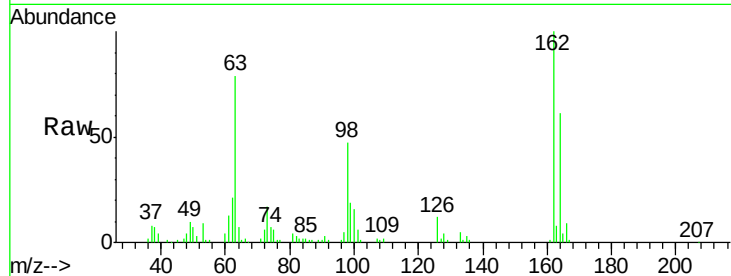
#29
2,4-Dichlorophenol
Concen: 49.39 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	90298		
164	60.9	47.0	87.0	
98	47.1	6.6	46.6	

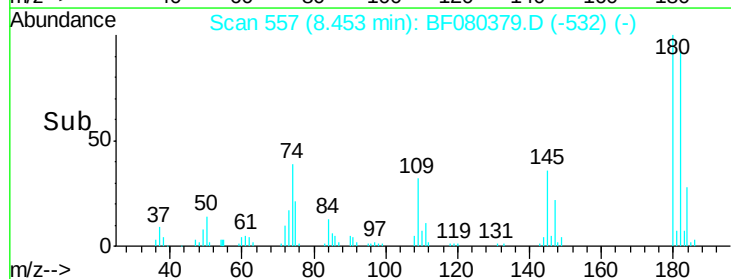
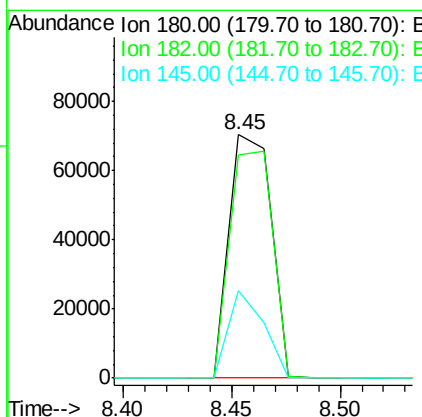
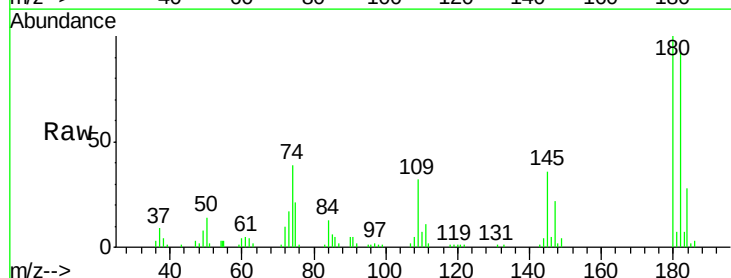
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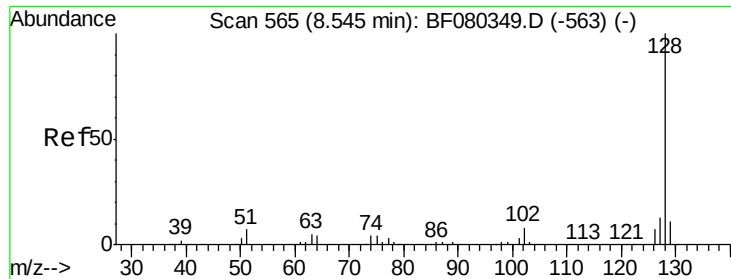
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7/8/2015 4:26:56 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.36 ng
RT: 8.45 min Scan# 557
Delta R.T. -0.01 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94204		
182	91.9	79.0	118.4	
145	35.8	20.5	30.7	





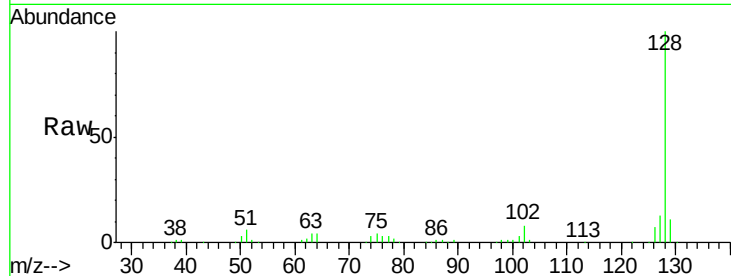
#31
Naphthalene
Concen: 43.87 ng
RT: 8.54 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

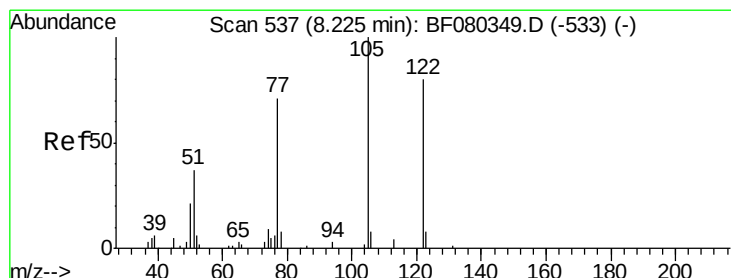
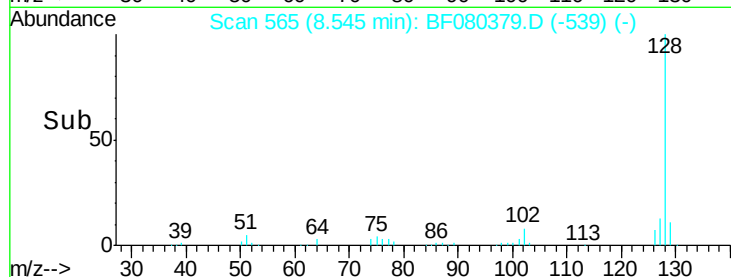
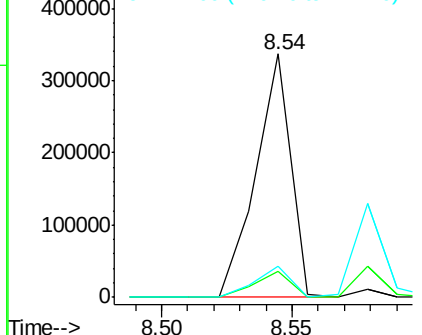
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	315948		
129	10.5	8.8	13.2	
127	13.0	10.4	15.6	

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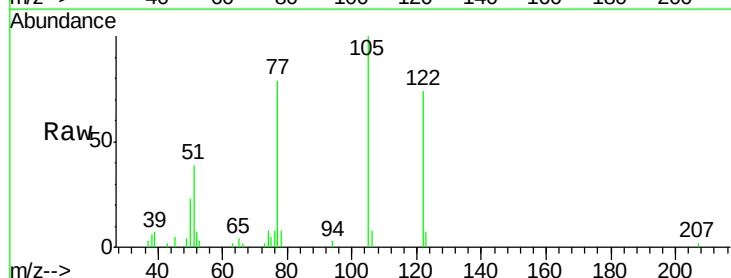


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

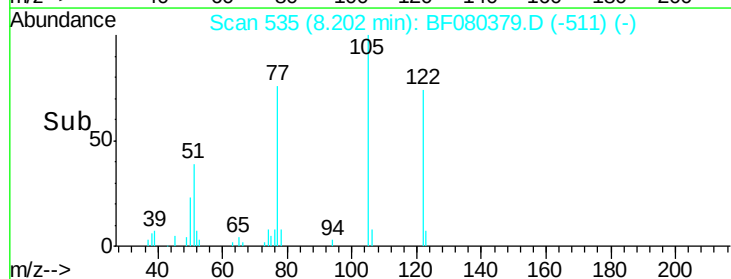
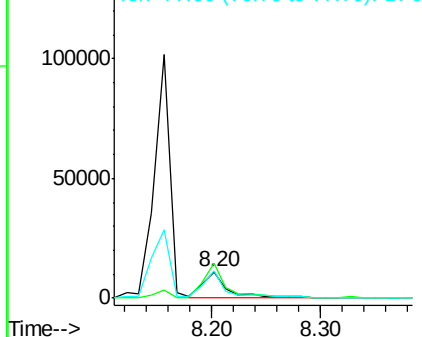


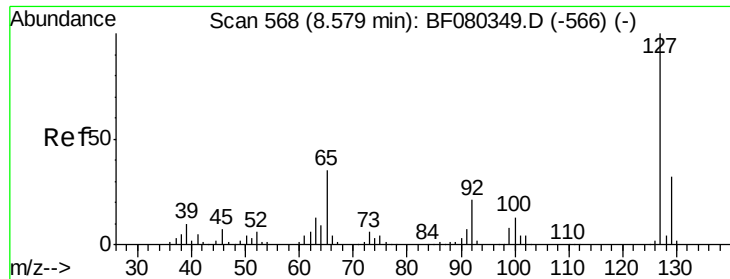
#32
Benzoic acid
Concen: 21.58 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.02 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	17648		
105	135.0	102.2	142.2	
77	107.0	68.8	108.8	



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





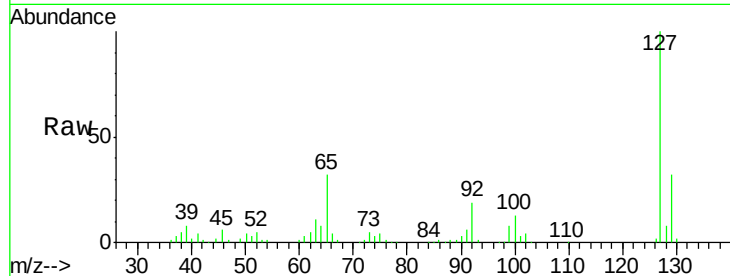
#33
4-Chloroaniline
Concen: 35.05 ng m
RT: 8.58 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

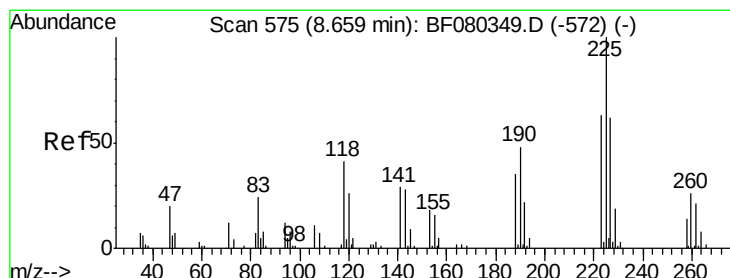
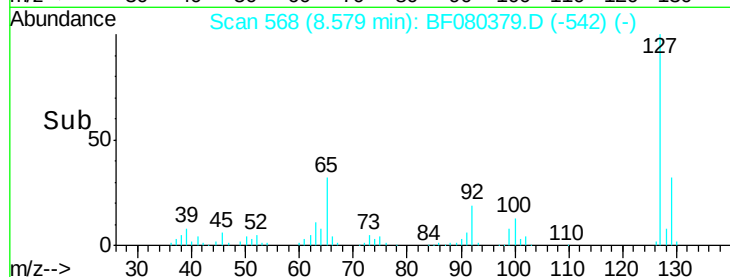
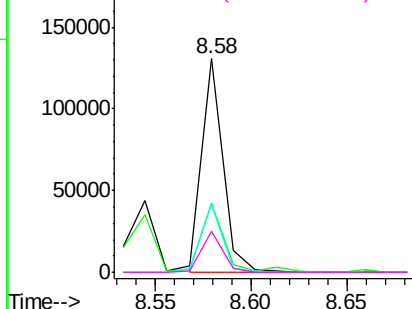
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	100611		
129	32.4	26.2	39.2	
65	31.6	28.1	42.1	
92	19.3	16.6	24.8	

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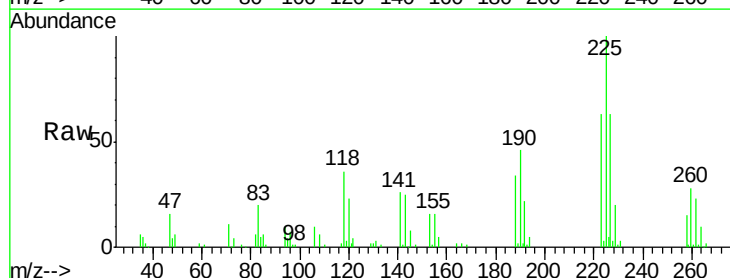


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

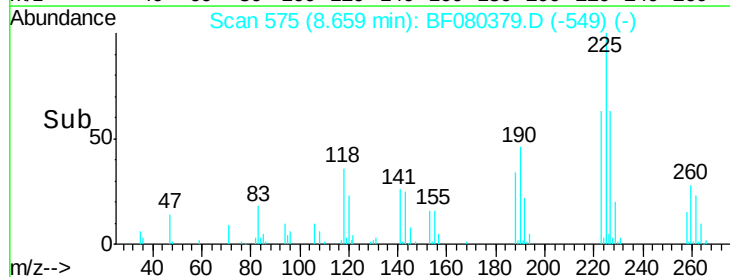
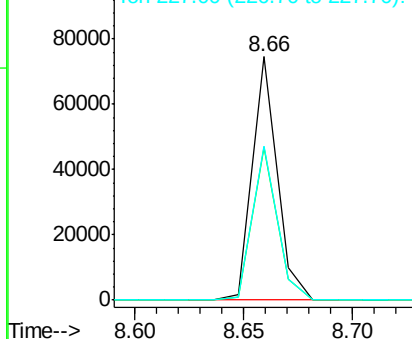


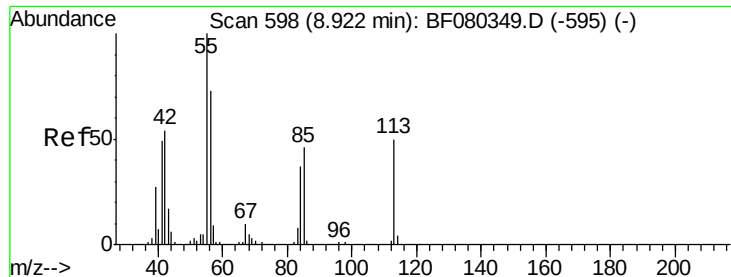
#34
Hexachlorobutadiene
Concen: 44.78 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59189		
223	62.6	50.3	75.5	
227	63.5	49.4	74.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.57 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

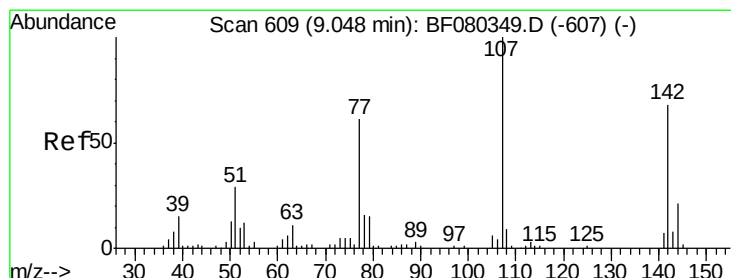
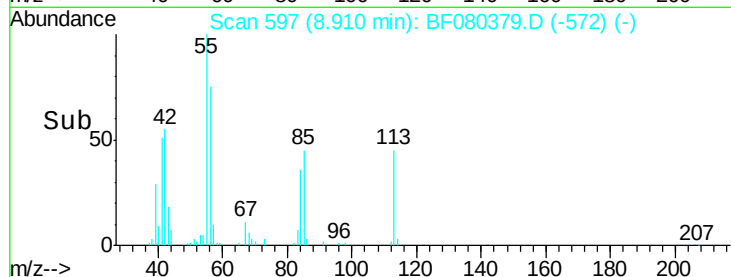
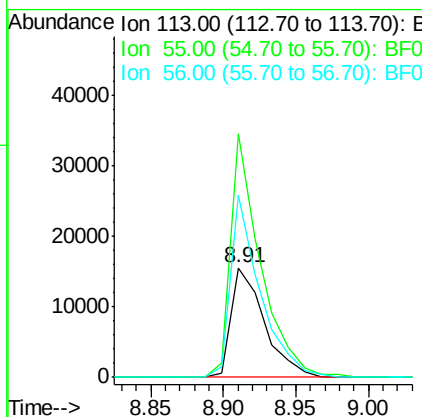
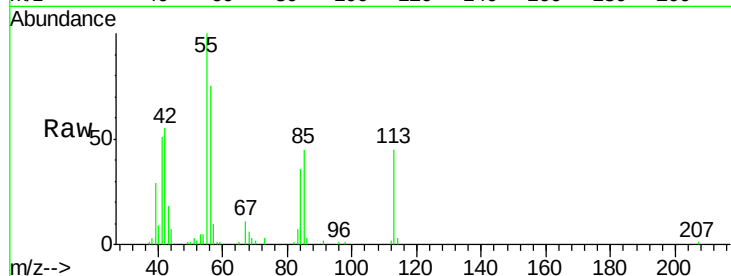
ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	24599		
55	222.3	181.4	221.4#	
56	165.9	127.3	167.3	

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#36

4-Chloro-3-methylphenol

Concen: 46.05 ng

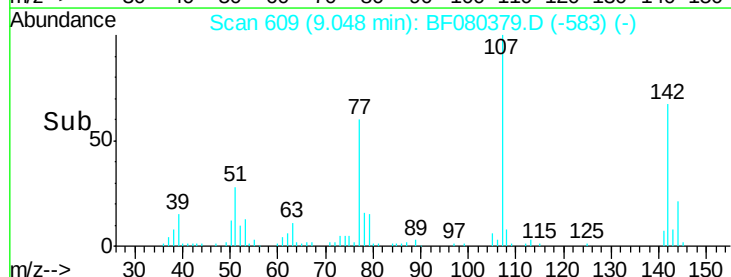
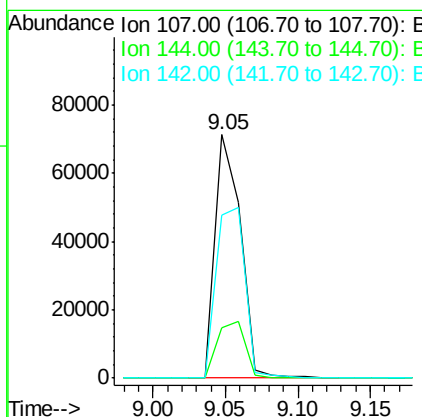
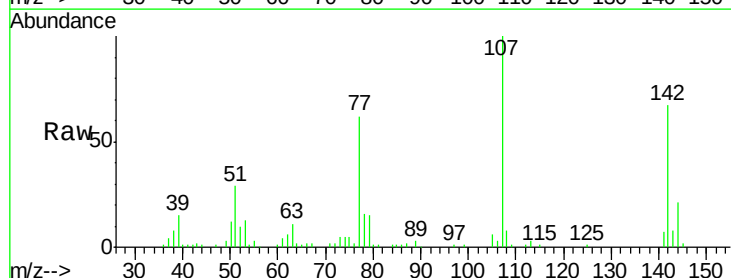
RT: 9.05 min Scan# 609

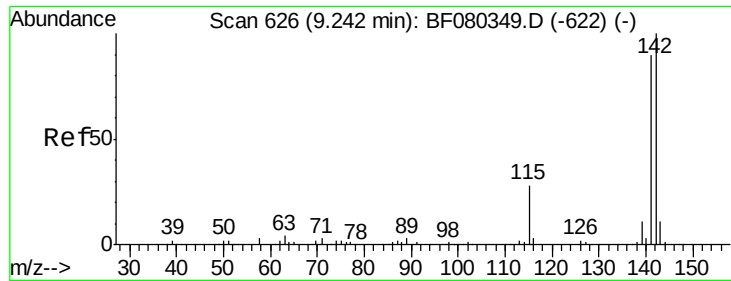
Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	86865		
144	20.9	16.7	25.1	
142	66.7	54.4	81.6	





#37

2-Methylnaphthalene

Concen: 45.94 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

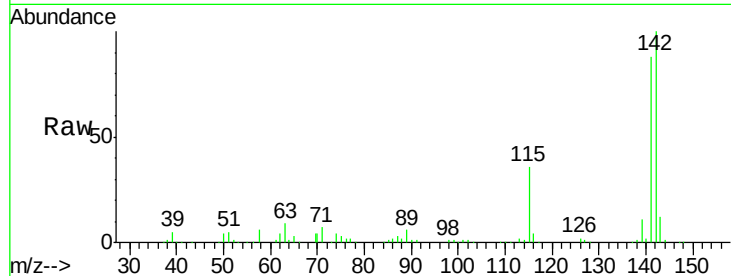
ClientSampleId :

BOTTOMWEST-1MS

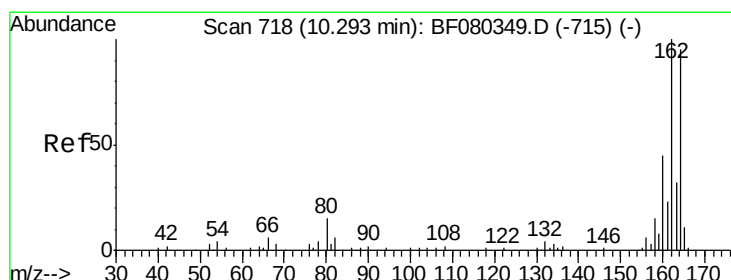
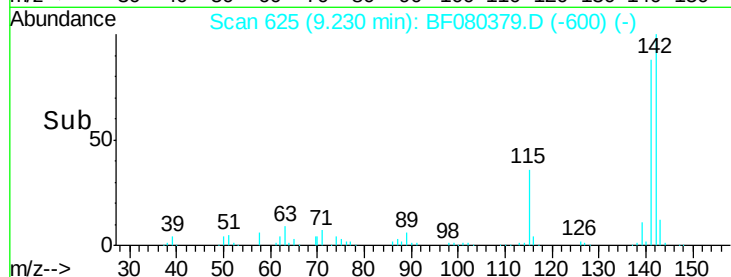
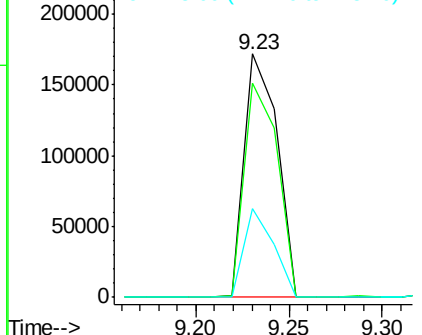
Tgt Ion:	142	Resp:	210952
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.8	107.8
115	36.2	22.6	34.0#

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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

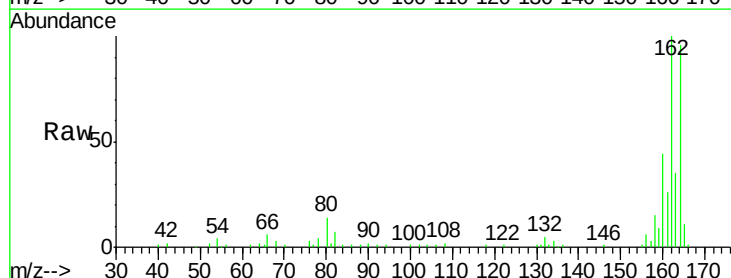
RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

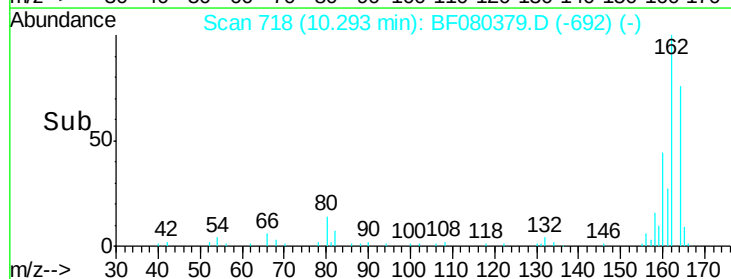
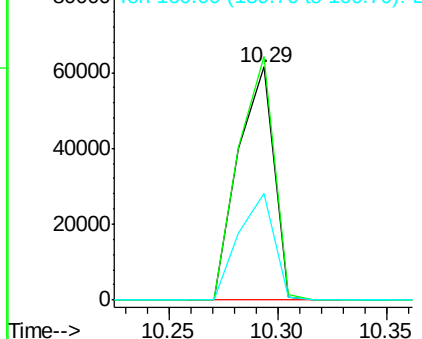
Lab File: BF080379.D

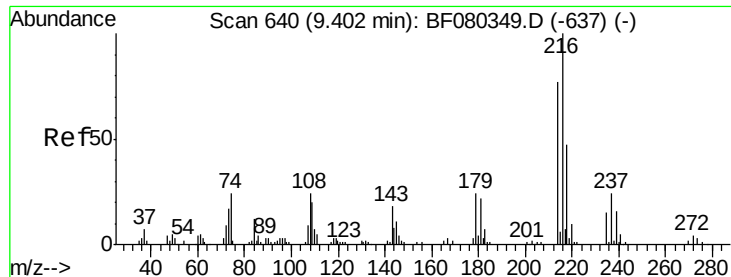
Acq: 7 Jul 2015 18:59

Tgt Ion:	164	Resp:	70113
Ion Ratio	Lower	Upper	
164	100		
162	104.4	84.5	126.7
160	45.7	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: 42.99 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

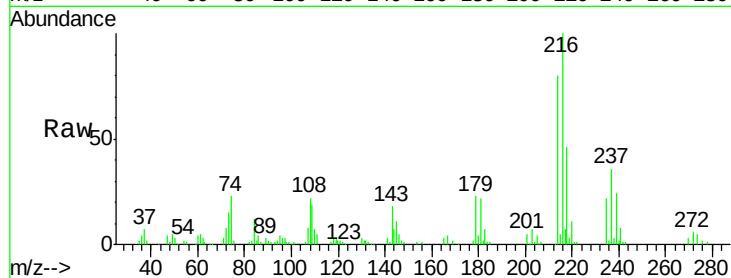
ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	95521		
214	78.6	61.2	91.8	
179	21.1	16.9	25.3	
108	20.9	16.2	24.4	

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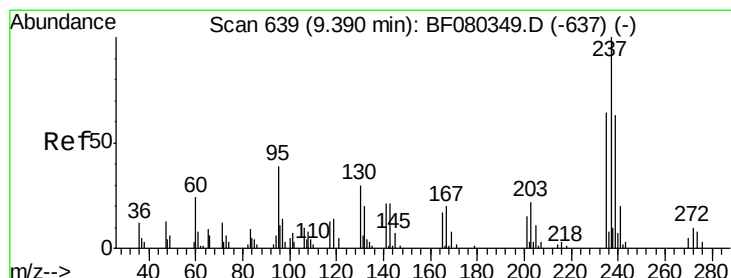
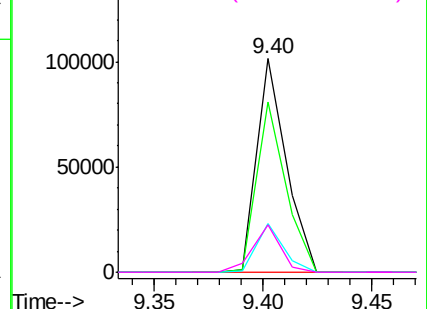
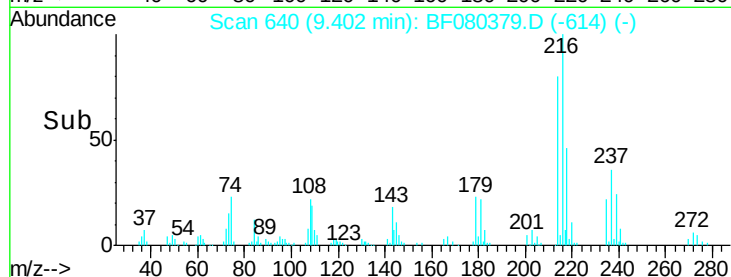


Abundance Ion 216.00 (215.70 to 216.70): E

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: 73.78 ng

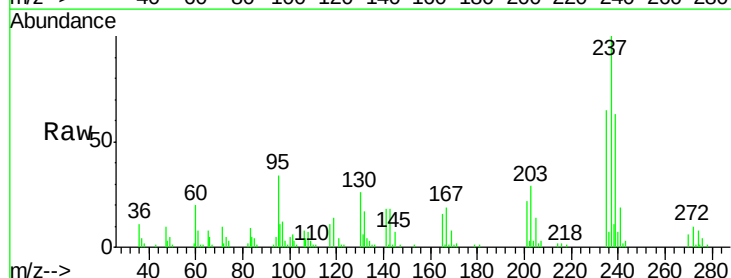
RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

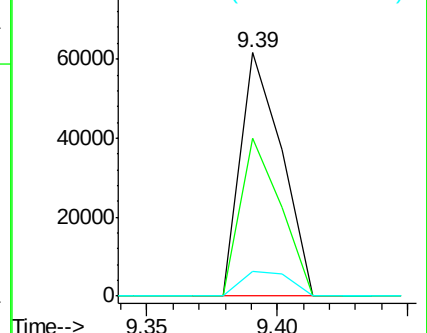
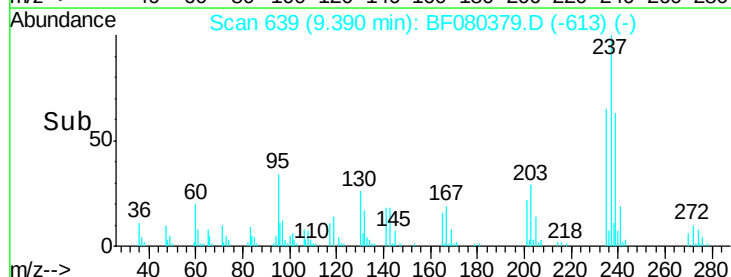
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	67598		
235	64.7	44.2	84.2	
272	10.4	0.0	29.7	

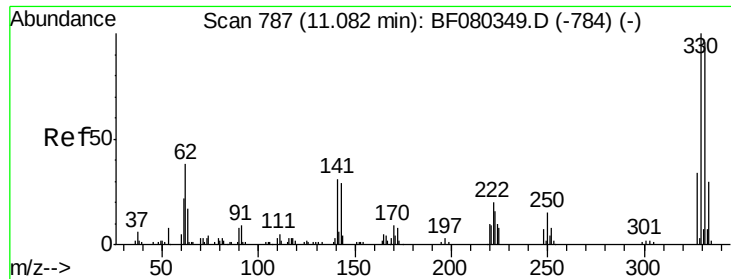


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





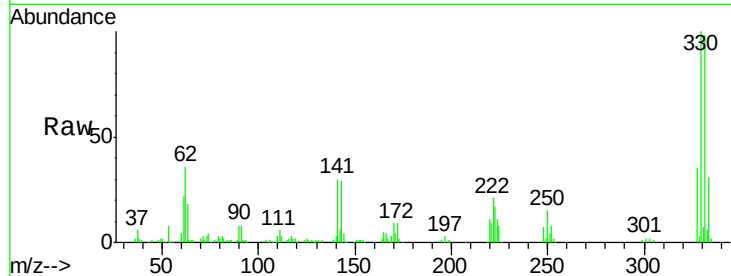
#41
 2,4,6-Tribromophenol
 Concen: 149.03 ng
 RT: 11.08 min Scan# 787
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

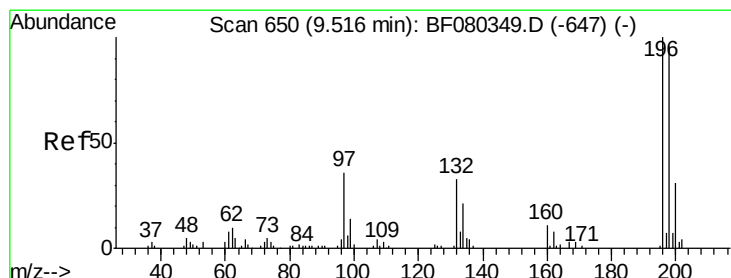
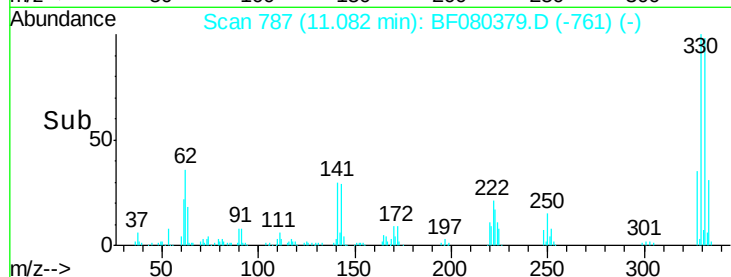
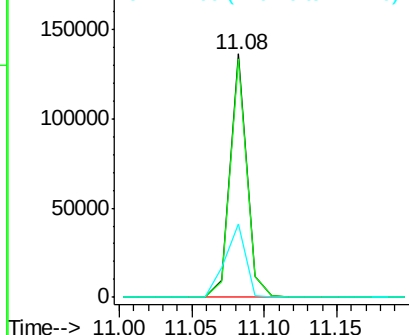
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	109335		
332	97.7	77.0	115.4	
141	37.4	29.6	44.4	

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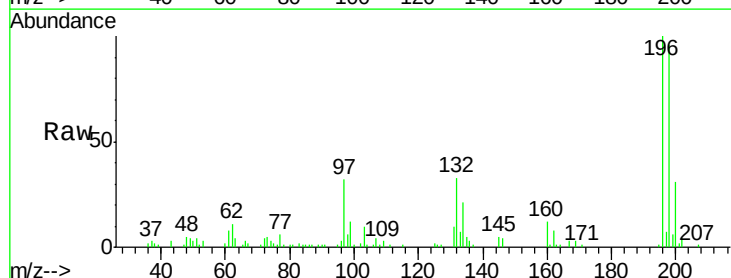


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

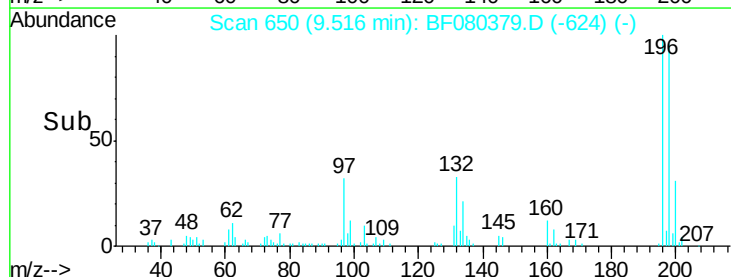
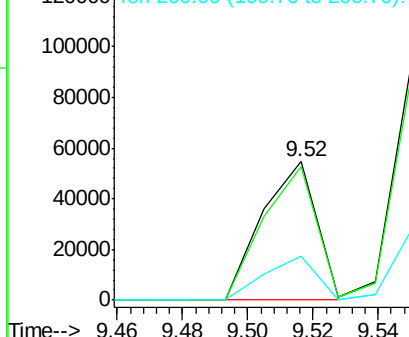


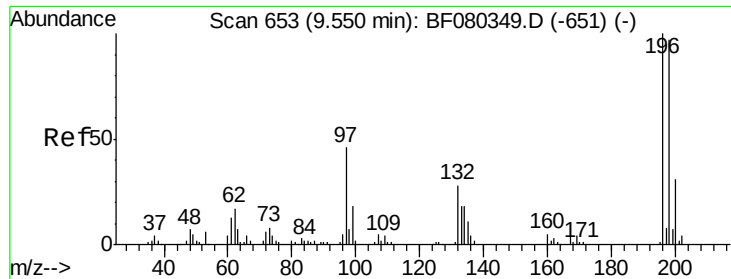
#42
 2,4,6-Trichlorophenol
 Concen: 43.11 ng
 RT: 9.52 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63094		
198	96.3	76.4	114.6	
200	31.5	24.6	37.0	



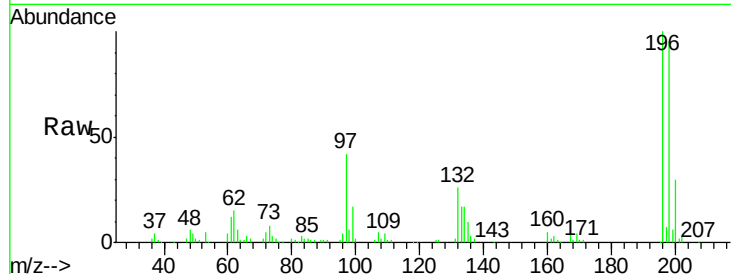
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
2,4,5-Trichlorophenol
Concen: 44.92 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

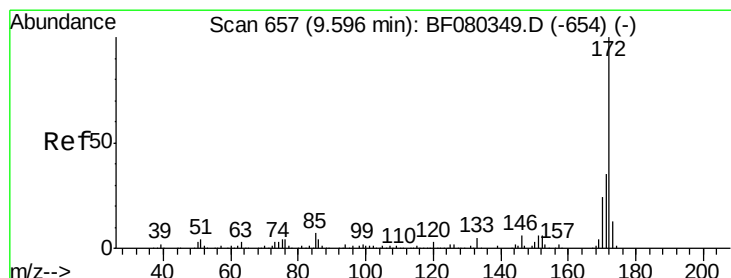
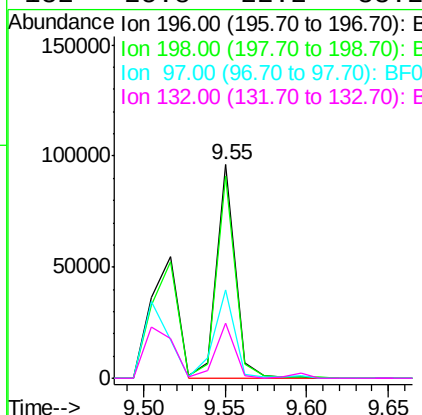
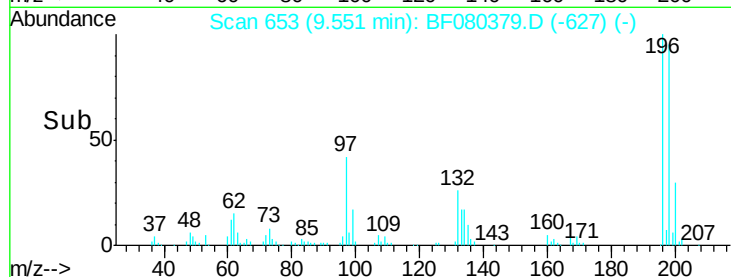
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS



Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.2	115.8
97	41.6	37.0	55.6
132	25.8	22.2	33.2

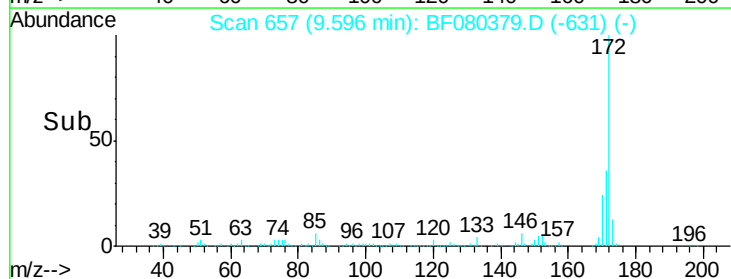
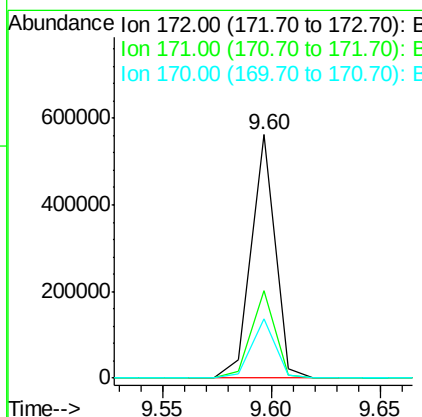
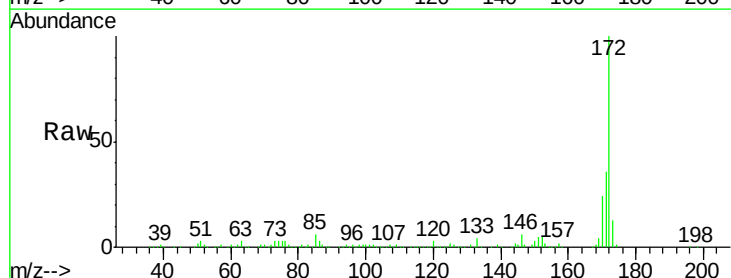
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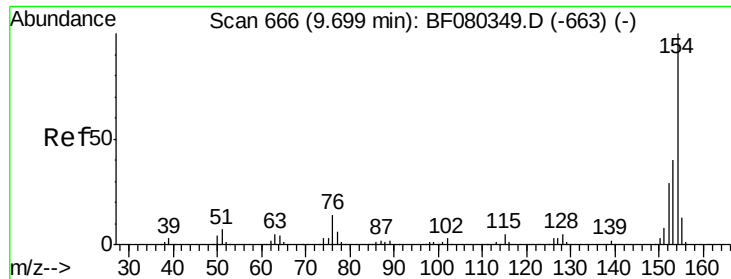
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#44
2-Fluorobiphenyl
Concen: 82.90 ng
RT: 9.60 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.3	42.5
170	24.2	19.1	28.7





#45

1,1'-Biphenyl

Concen: 44.33 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF080379.D

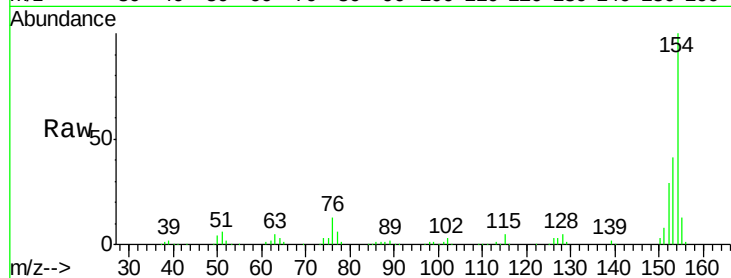
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

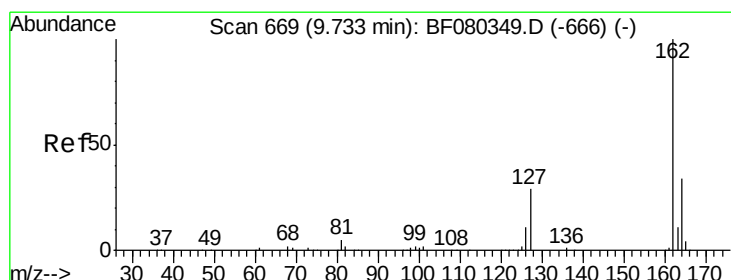
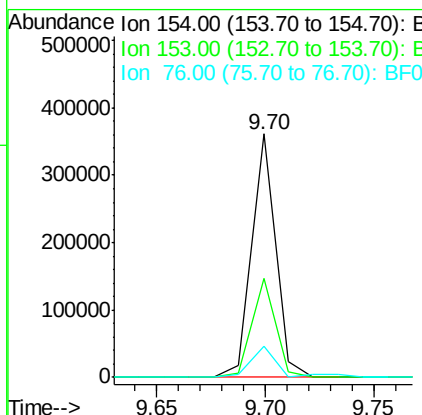
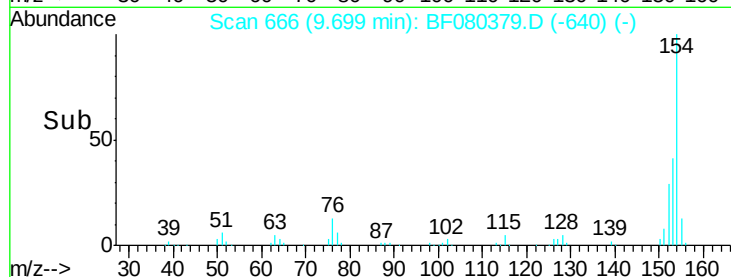
BOTTOMWEST-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	275874		
153	40.8	19.8	59.8	
76	13.0	0.0	33.6	

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#46

2-Chloronaphthalene

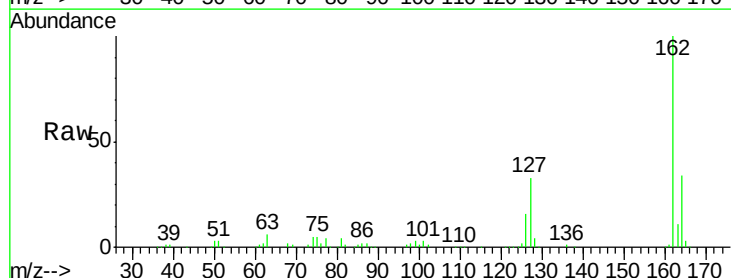
Concen: 42.18 ng

RT: 9.73 min Scan# 669

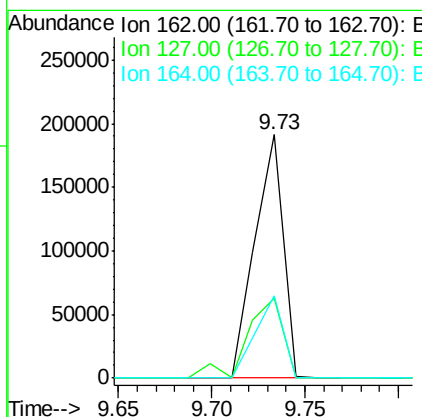
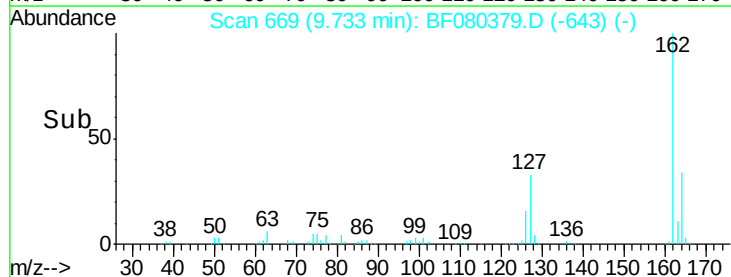
Delta R.T. 0.00 min

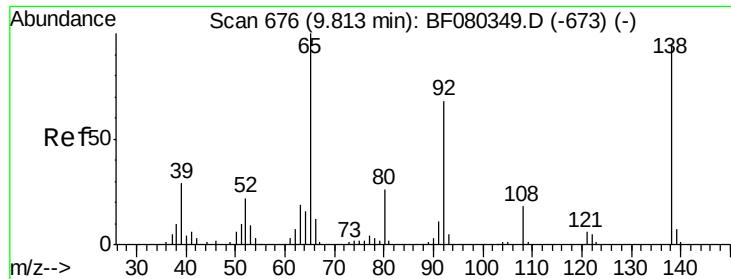
Lab File: BF080379.D

Acq: 7 Jul 2015 18:59



Tgt Ion	Ratio	Resp	Lower	Upper
162	100	200147		
127	32.8	27.3	40.9	
164	33.6	27.2	40.8	





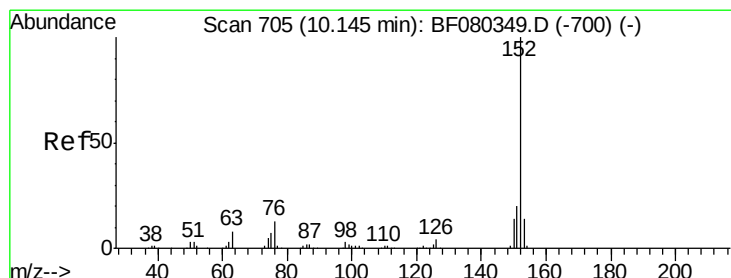
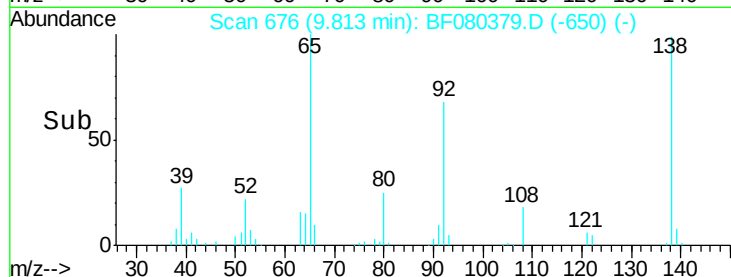
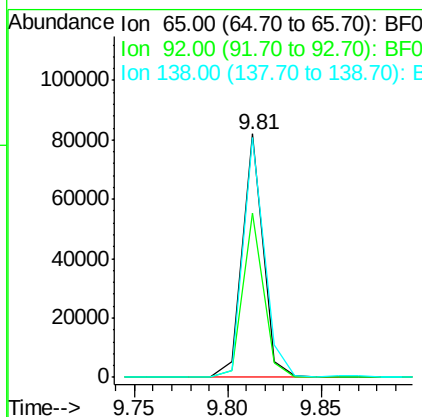
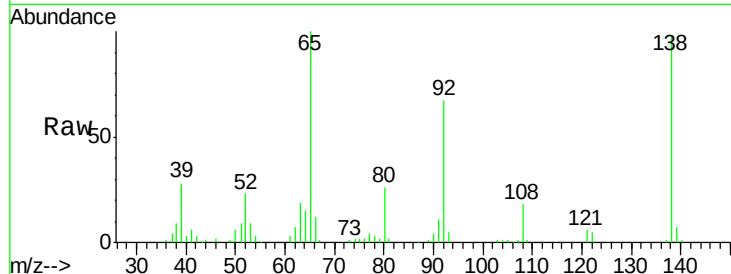
#47
2-Nitroaniline
Concen: 48.19 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.2	54.2	81.2
138	98.3	76.1	114.1

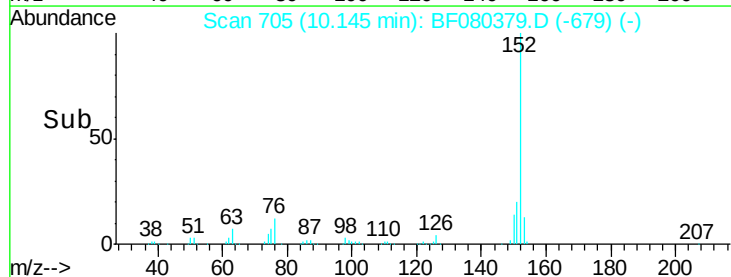
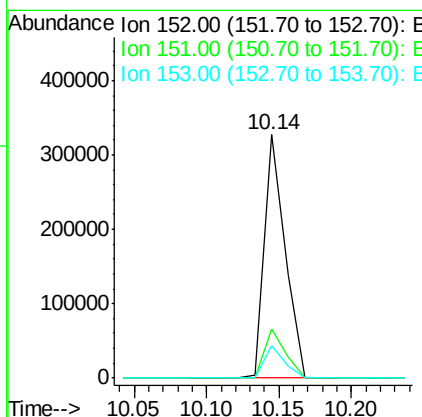
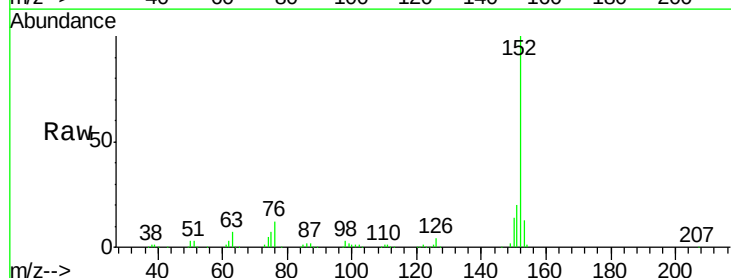
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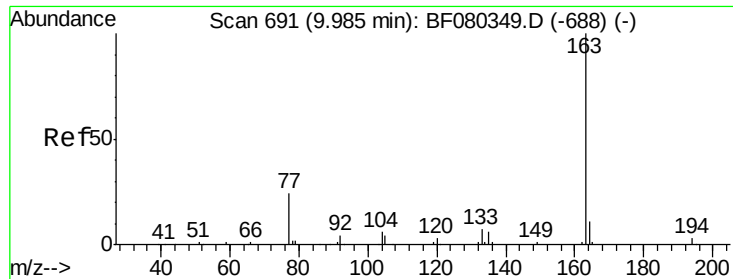
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#48
Acenaphthylene
Concen: 41.03 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.3	11.0	16.4





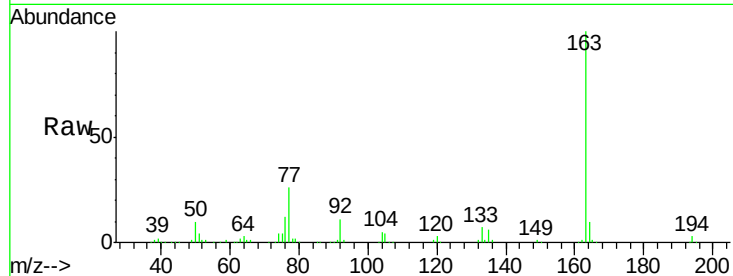
#49
Dimethylphthalate
Concen: 63.19 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.6	3.8
164	10.5	8.5	12.7

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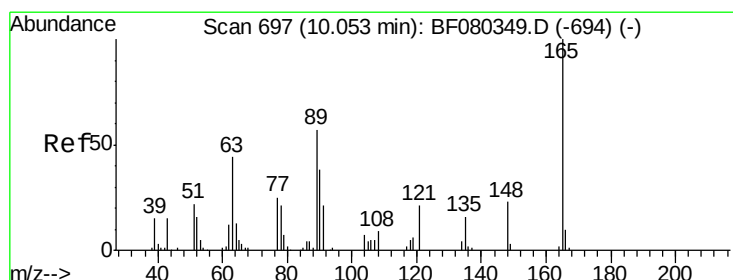
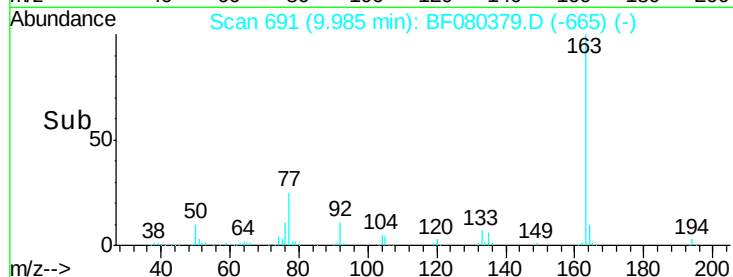
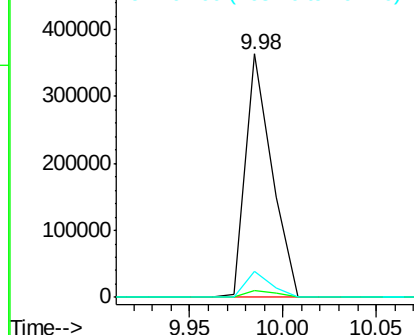


Abundance

Ion 163.00 (162.70 to 163.70): E

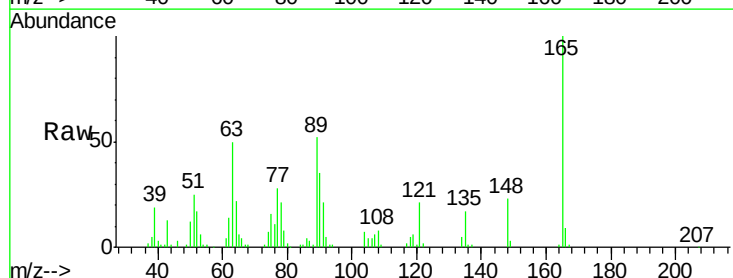
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 46.54 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.9	44.8	67.2
89	52.0	45.9	68.9

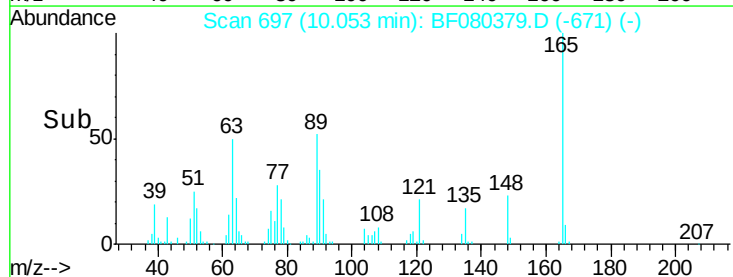
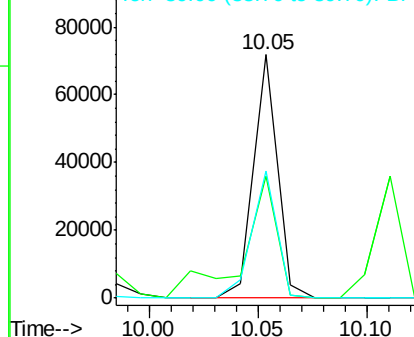


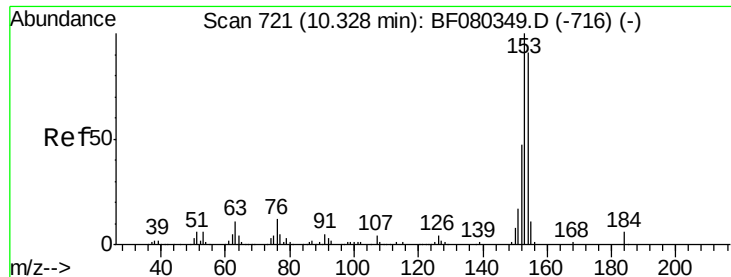
Abundance

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: 40.69 ng

RT: 10.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

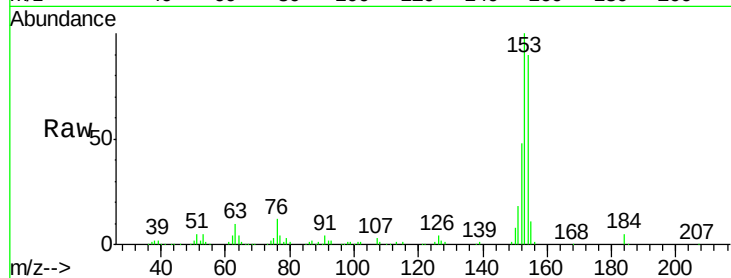
ClientSampleId :

BOTTOMWEST-1MS

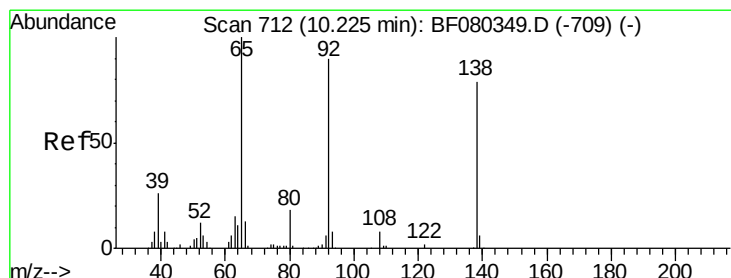
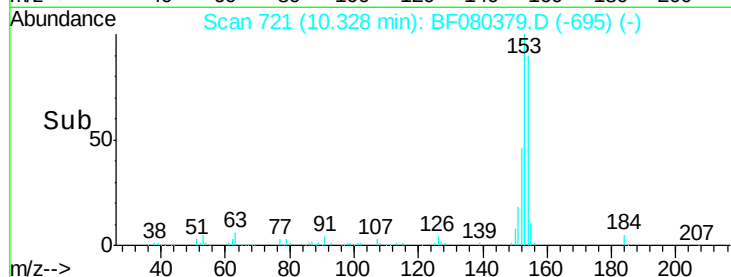
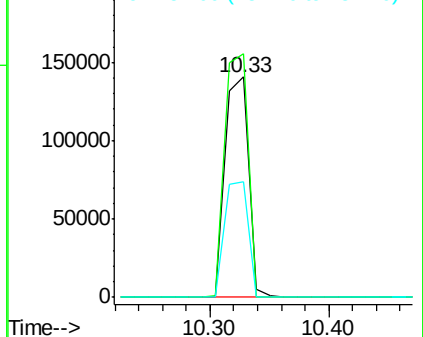
Tgt Ion:	154	Resp:	192377
Ion Ratio	Lower	Upper	
154	100		
153	110.6	88.1	132.1
152	52.7	41.8	62.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.48 ng

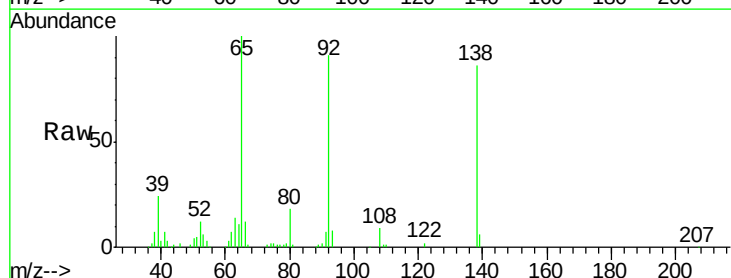
RT: 10.22 min Scan# 712

Delta R.T. 0.00 min

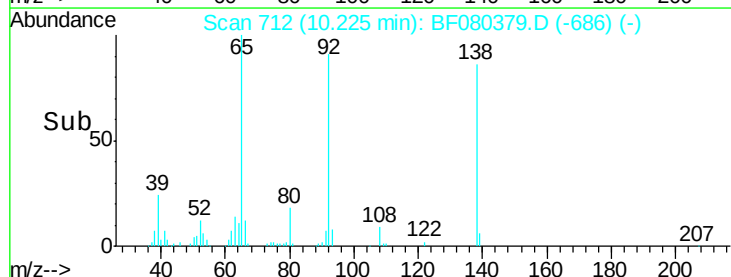
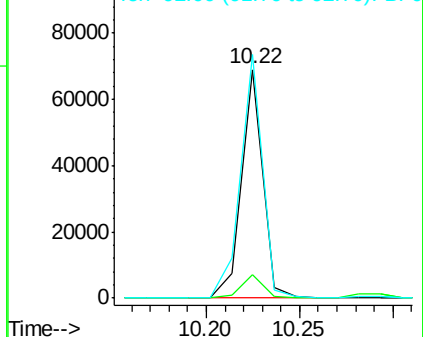
Lab File: BF080379.D

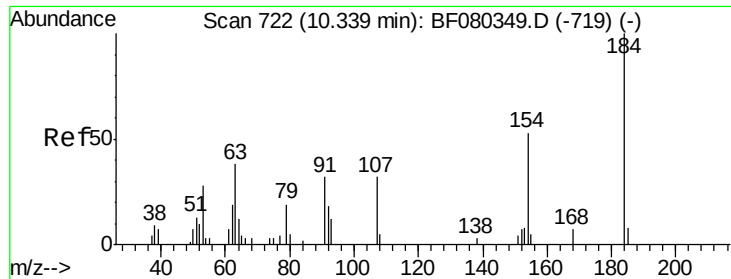
Acq: 7 Jul 2015 18:59

Tgt Ion:	138	Resp:	55011
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.8	11.8
92	106.5	91.0	136.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 31.36 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF080379.D

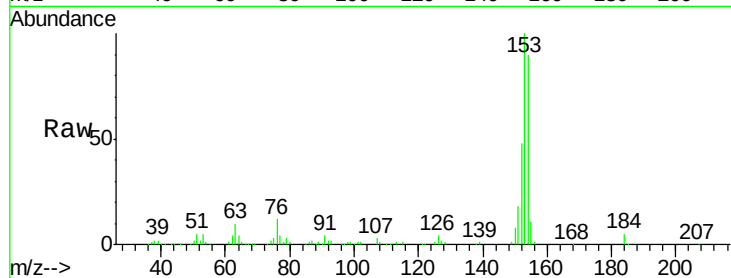
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS



Tgt Ion:184 Resp: 13425

Ion Ratio Lower Upper

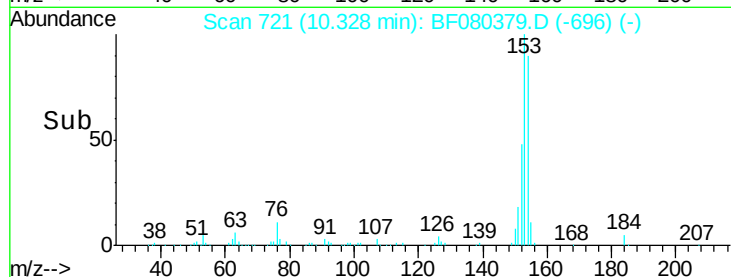
184 100

63 193.2 30.6 46.0#

154 1743.3 45.3 67.9

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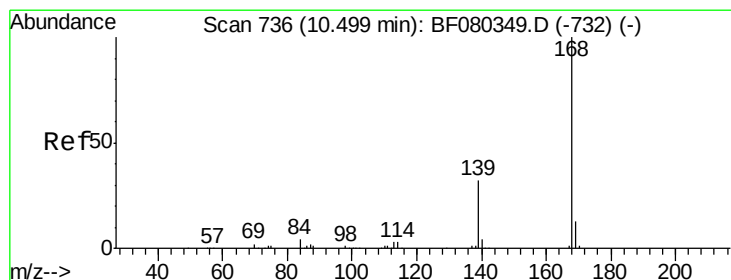
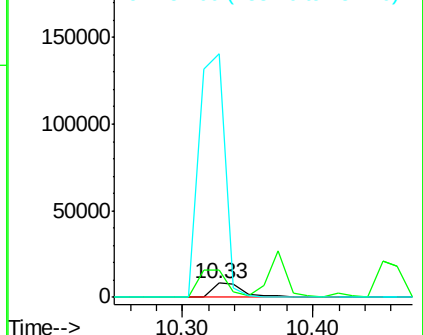
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.59 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

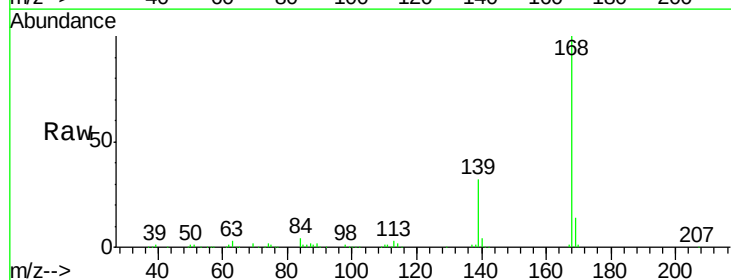
Tgt Ion:168 Resp: 286313

Ion Ratio Lower Upper

168 100

139 31.9 25.9 38.9

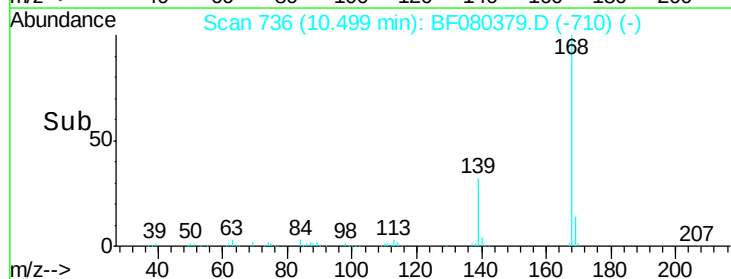
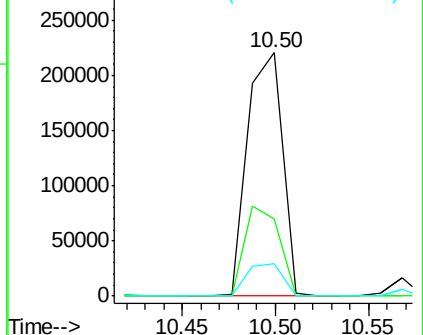
169 13.6 10.3 15.5

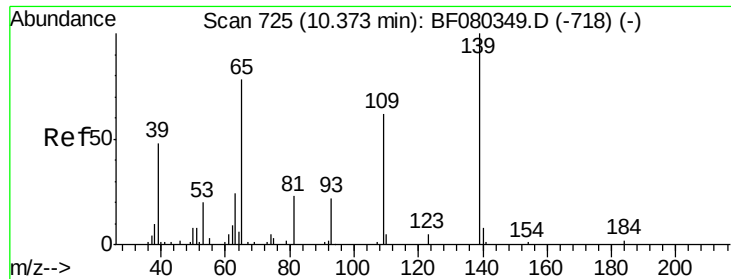


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





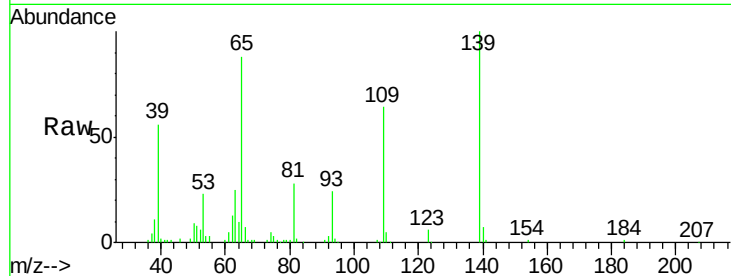
#55
4-Nitrophenol
Concen: 93.96 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

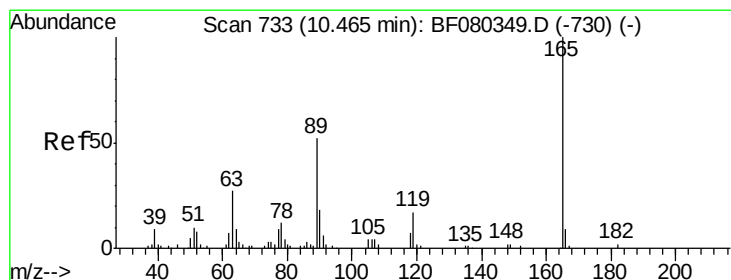
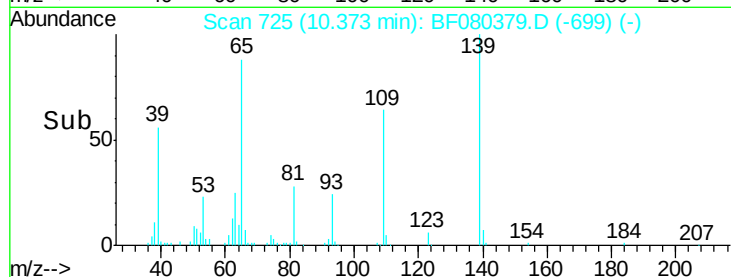
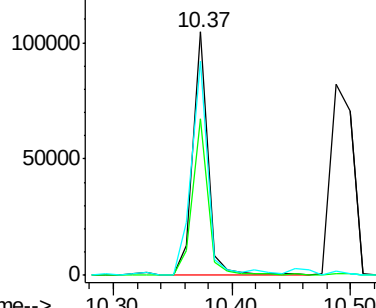
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	91333		
109	64.1	42.3	82.3	
65	88.1	58.5	98.5	

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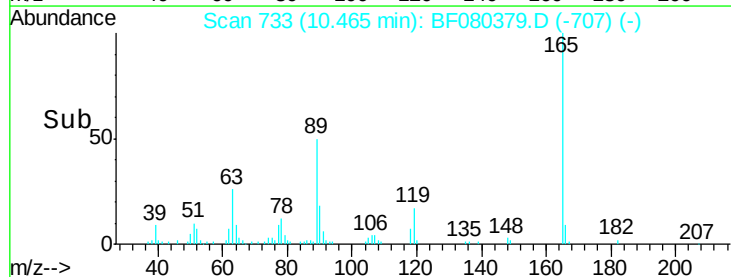
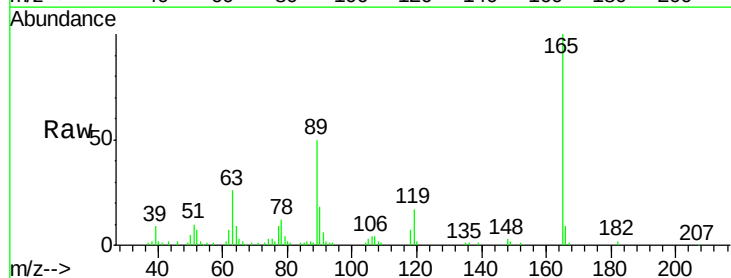
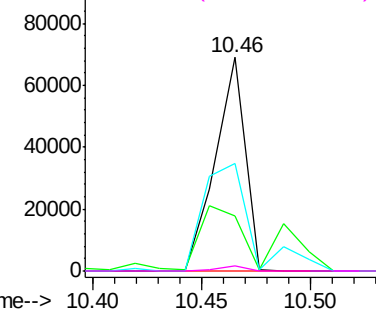
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

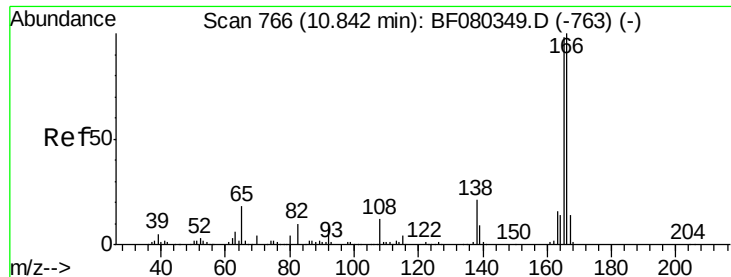


#56
2,4-Dinitrotoluene
Concen: 43.53 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	65885		
63	25.8	21.8	32.8	
89	50.2	41.3	61.9	
182	2.3	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: 43.22 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF080379.D

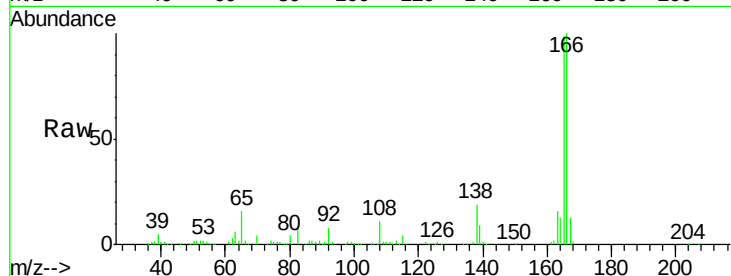
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

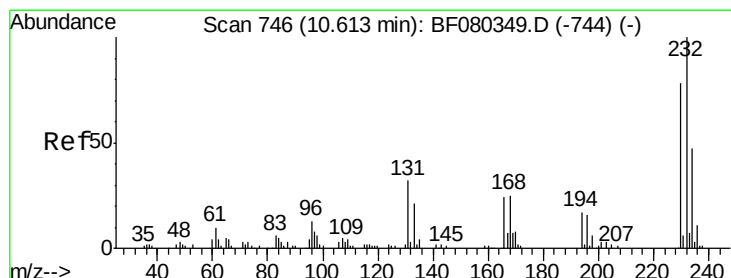
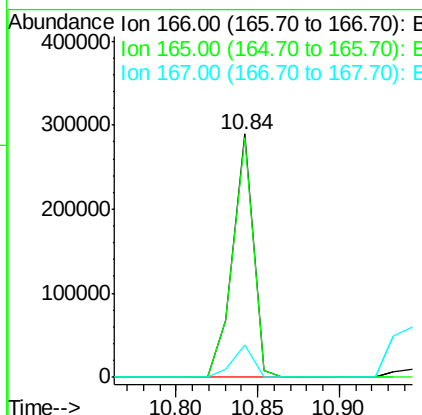
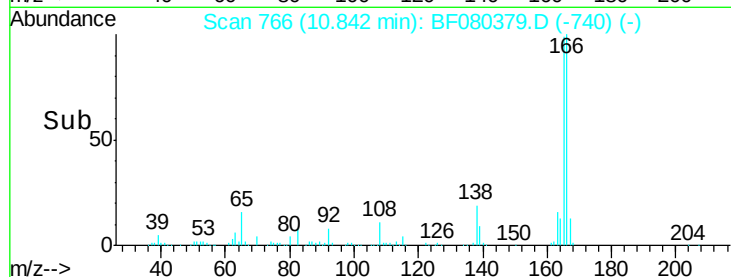
BOTTOMWEST-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	250190		
165	98.7	78.6	117.8	
167	13.2	10.8	16.2	

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#58

2,3,4,6-Tetrachlorophenol

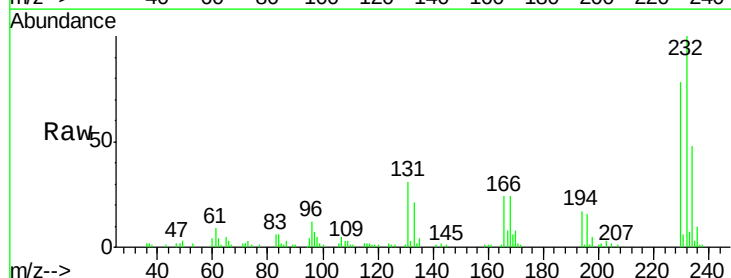
Concen: 42.84 ng

RT: 10.61 min Scan# 746

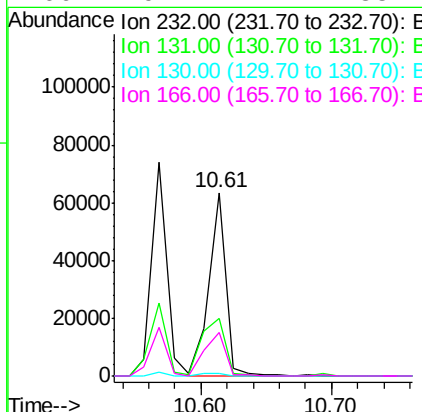
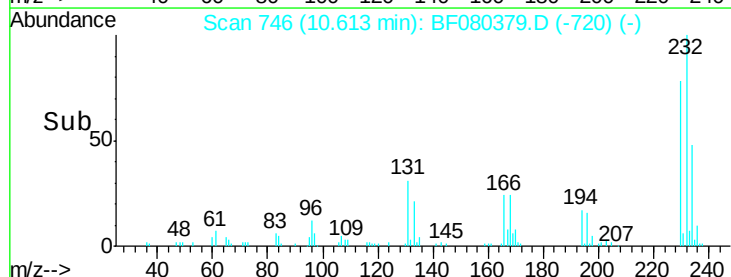
Delta R.T. 0.00 min

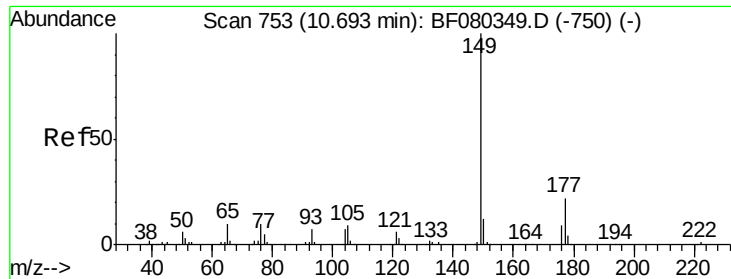
Lab File: BF080379.D

Acq: 7 Jul 2015 18:59



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	58544		
131	42.6	33.4	50.2	
130	2.0	1.8	2.6	
166	29.1	22.1	33.1	





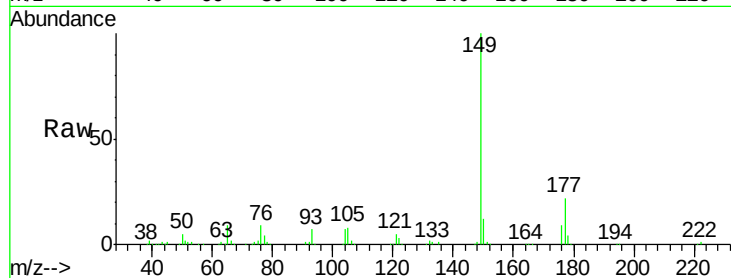
#59
Diethylphthalate
Concen: 45.87 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

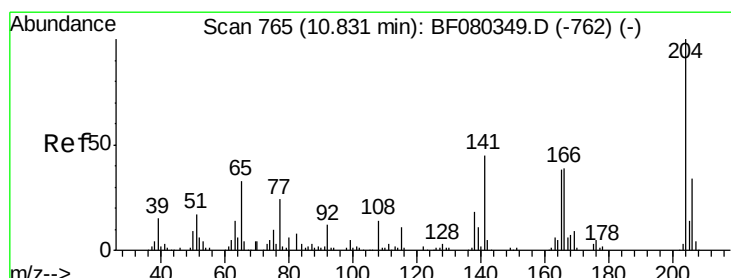
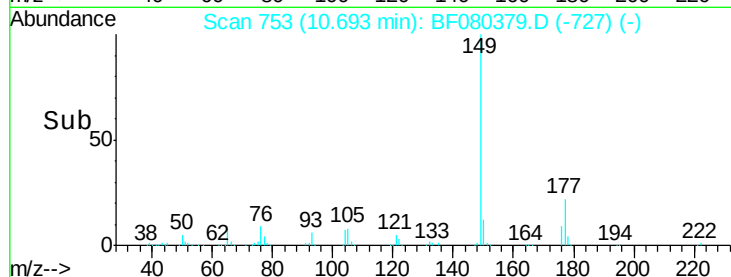
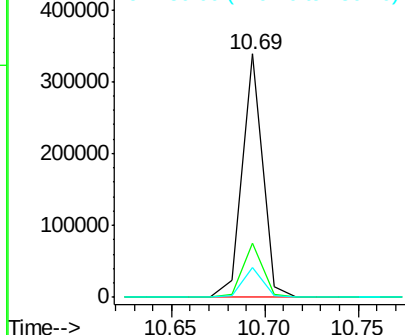
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	257919		
177	22.3	17.6	26.4	
150	12.4	10.0	15.0	

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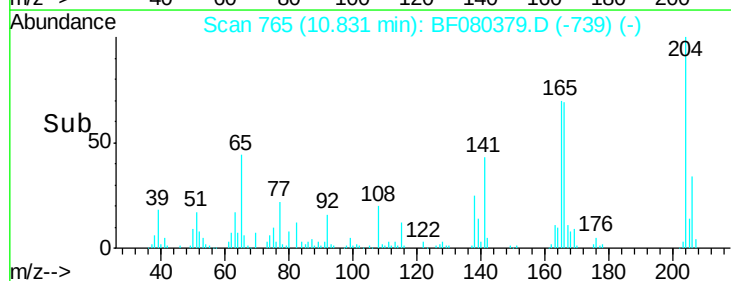
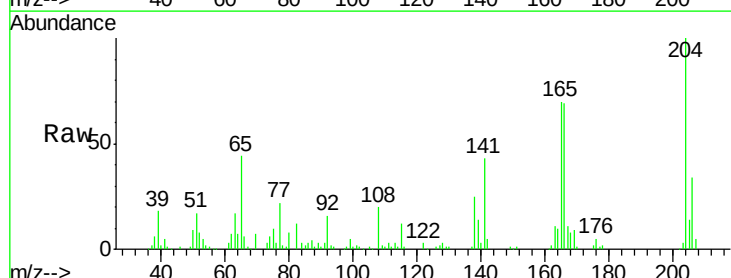
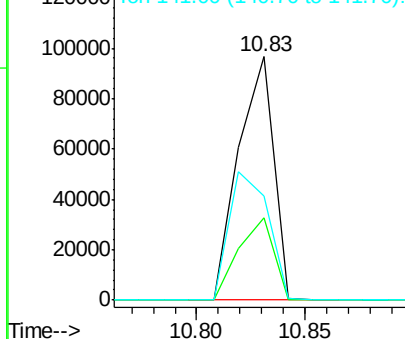
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

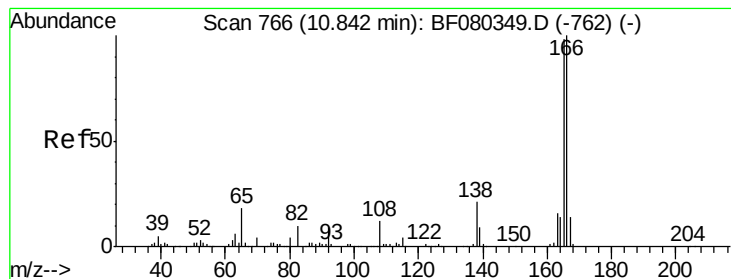


#60
4-Chlorophenyl-phenylether
Concen: 42.42 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	108672		
206	33.8	27.2	40.8	
141	42.6	35.9	53.9	

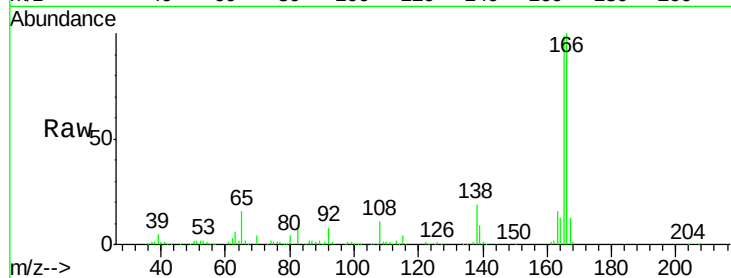
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61
4-Nitroaniline
Concen: 44.06 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

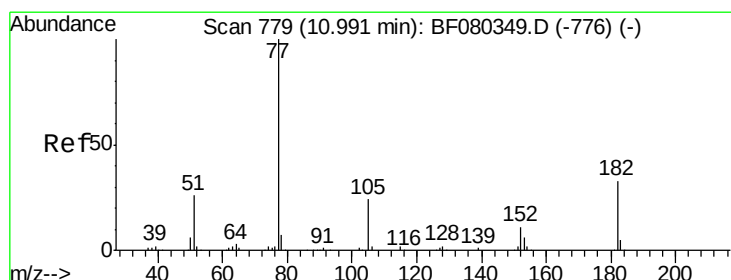
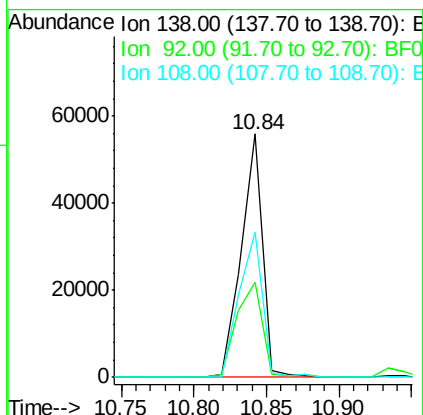
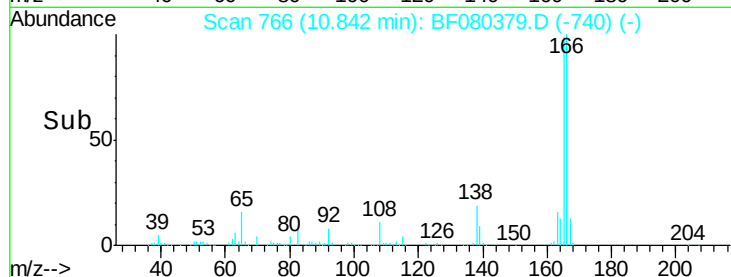
Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	56723		
92	39.1	21.0	61.0	
108	59.4	38.4	78.4	

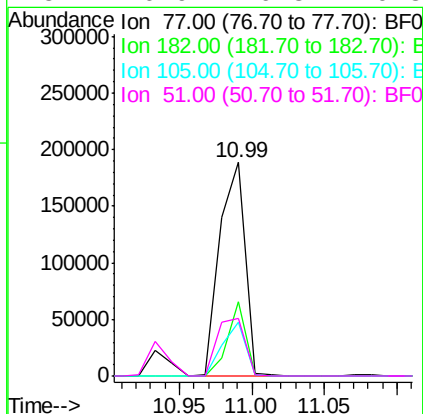
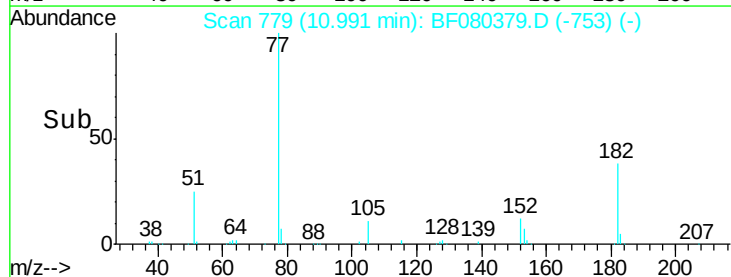
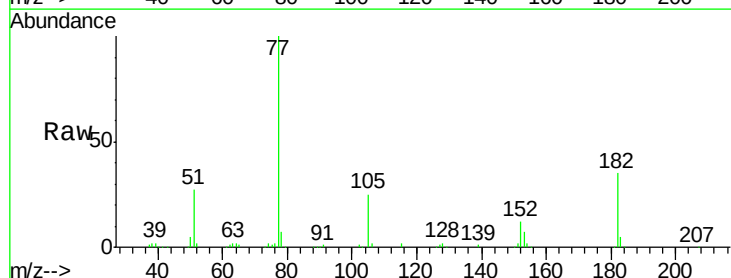
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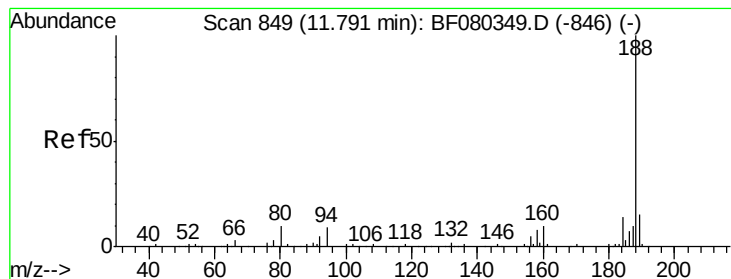
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#62
Azobenzene
Concen: 42.93 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	229282		
182	34.9	13.2	53.2	
105	25.0	4.3	44.3	
51	26.9	6.3	46.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.79 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF080379.D

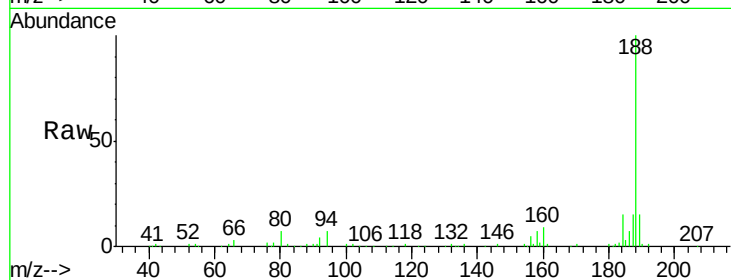
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

BOTTOMWEST-1MS



Tgt Ion:188 Resp: 144338

Ion Ratio Lower Upper

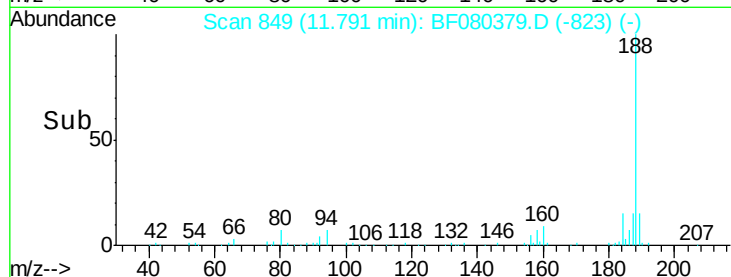
188 100

94 6.7 7.5 11.3#

80 7.3 8.3 12.5#

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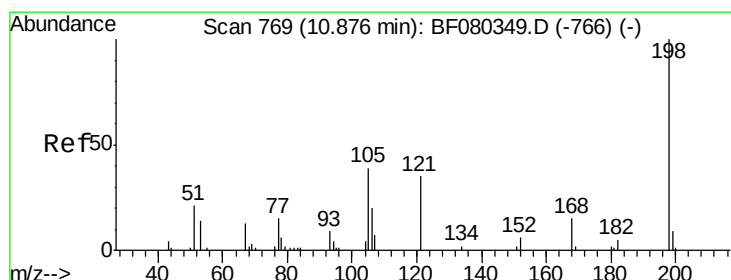
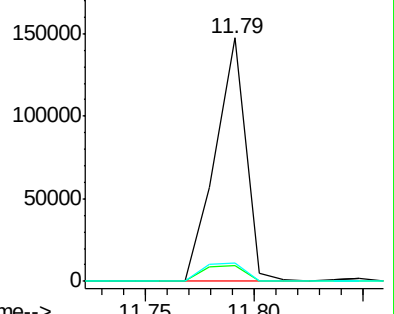
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 32.53 ng

RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

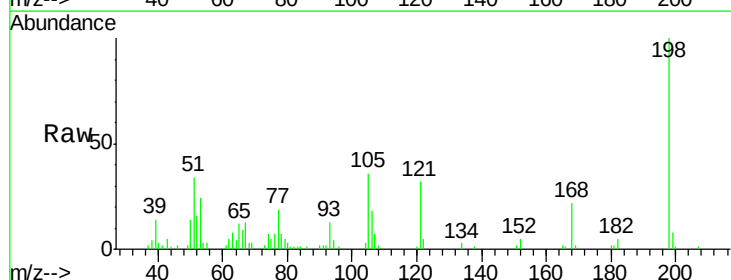
Tgt Ion:198 Resp: 25718

Ion Ratio Lower Upper

198 100

51 34.0 17.0 57.0

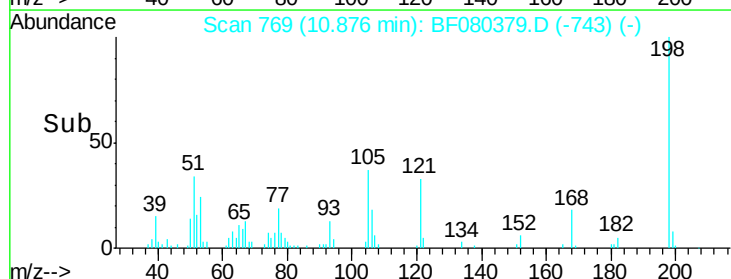
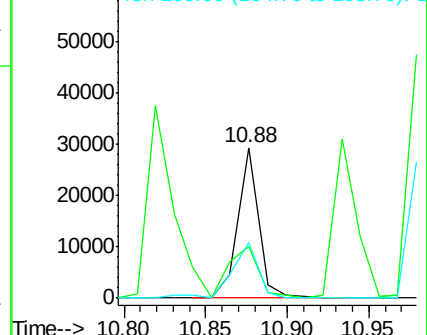
105 36.4 20.9 60.9

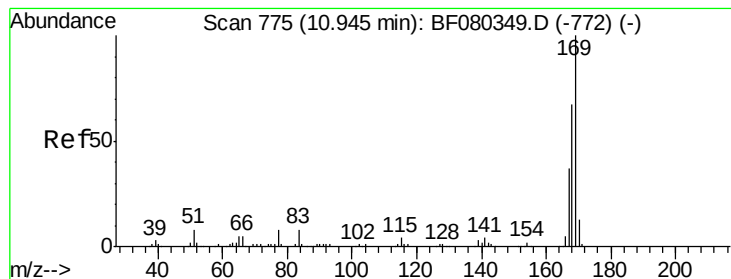


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





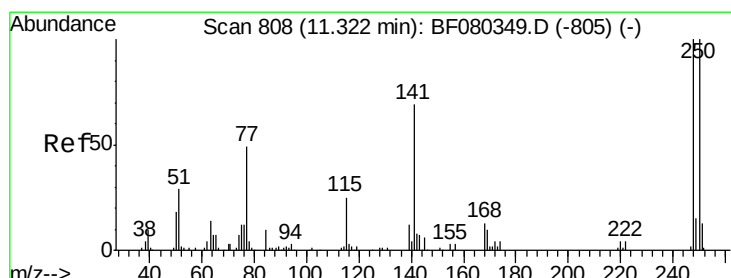
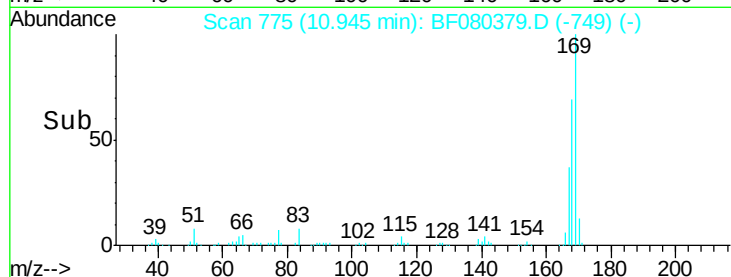
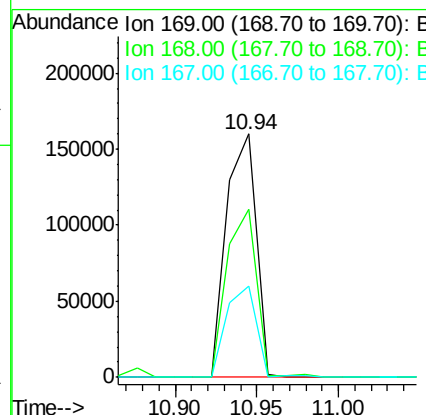
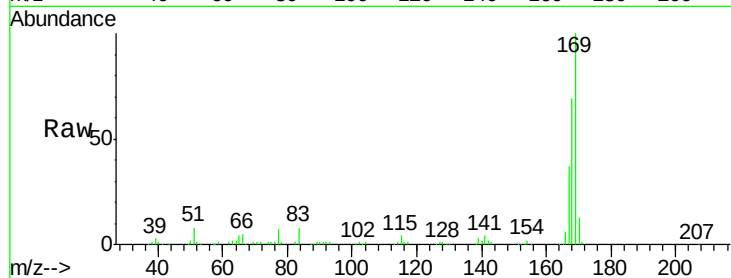
#65
 n-Nitrosodiphenylamine
 Concen: 43.73 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	201030		
168	68.9	53.5	80.3	
167	37.4	29.5	44.3	

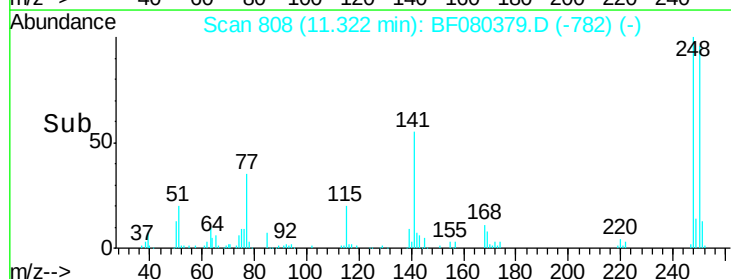
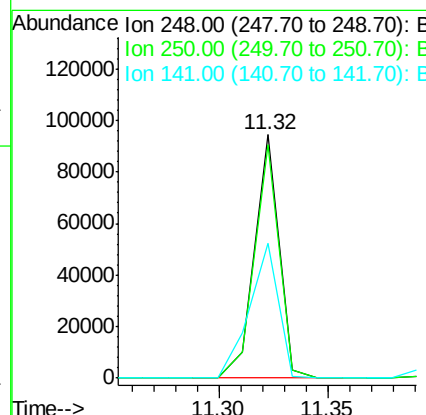
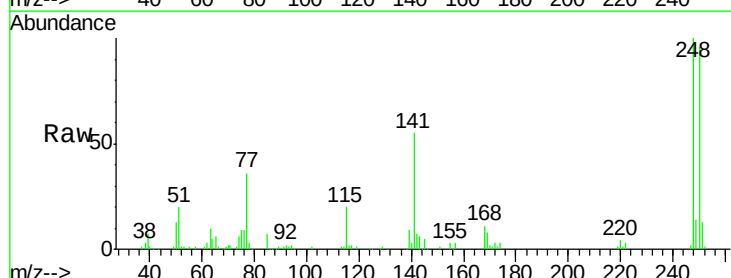
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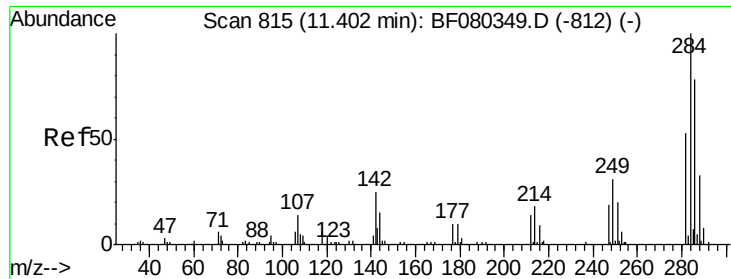
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 44.74 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	73971		
250	96.1	80.0	120.0	
141	55.3	54.8	82.2	





#67

Hexachlorobenzene

Concen: 43.16 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF080379.D

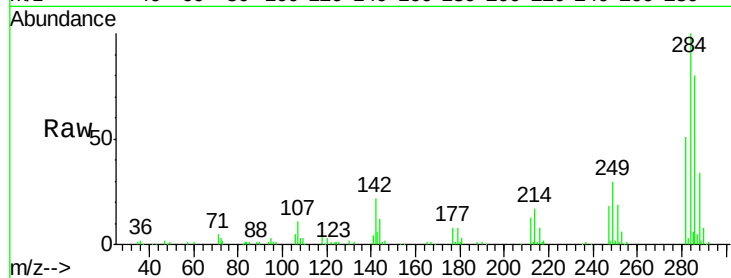
Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

ClientSampleId :

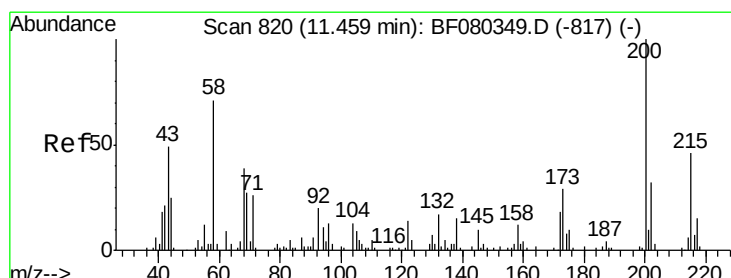
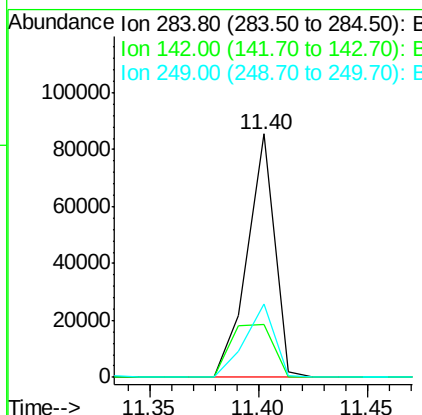
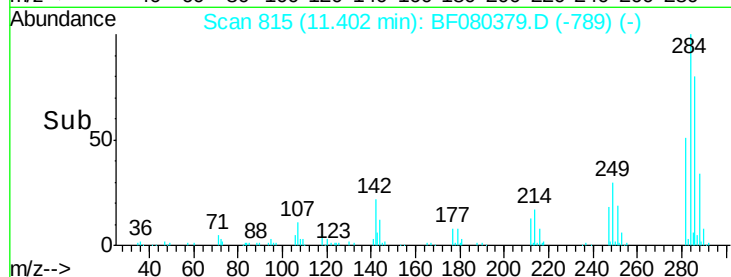
BOTTOMWEST-1MS



Tgt Ion:	284	Resp:	74855
Ion Ratio	Lower	Upper	
284	100		
142	22.0	20.3	30.5
249	30.2	24.7	37.1

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#68

Atrazine

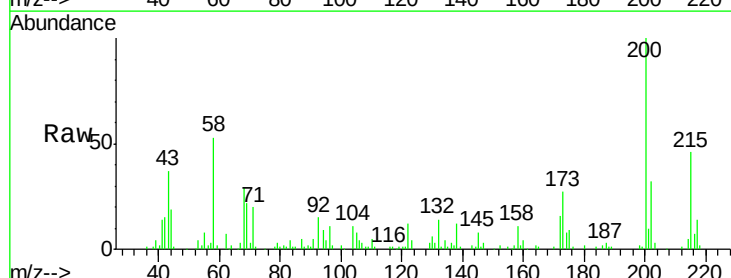
Concen: 51.21 ng

RT: 11.46 min Scan# 820

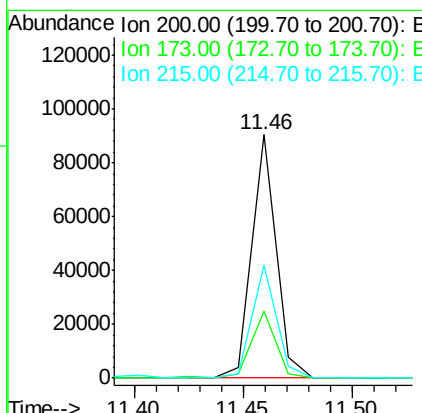
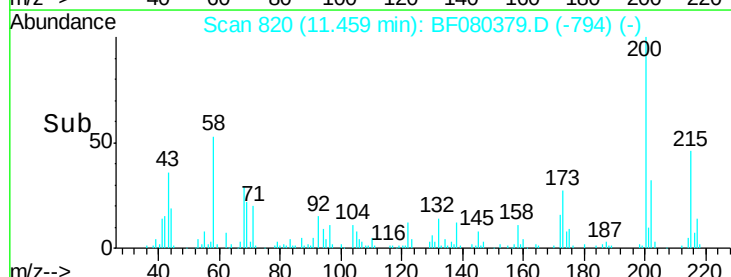
Delta R.T. 0.00 min

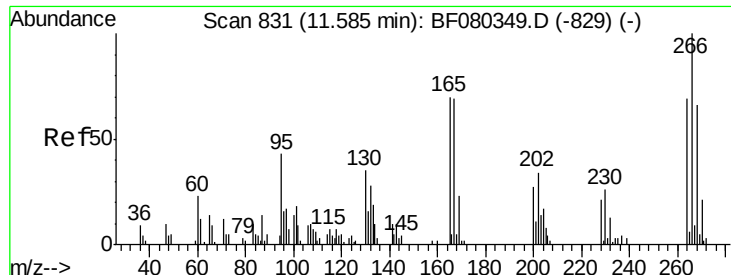
Lab File: BF080379.D

Acq: 7 Jul 2015 18:59



Tgt Ion:	200	Resp:	70080
Ion Ratio	Lower	Upper	
200	100		
173	27.3	9.9	49.9
215	46.3	26.2	66.2





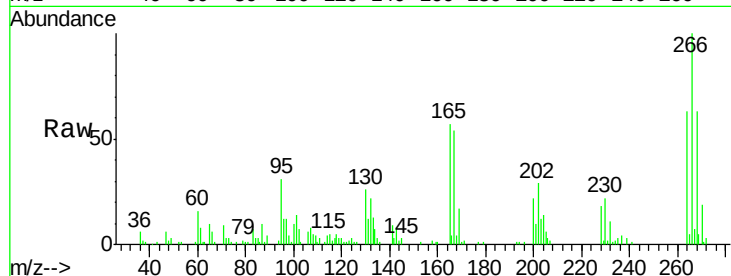
#69
 Pentachlorophenol
 Concen: 75.48 ng
 RT: 11.59 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

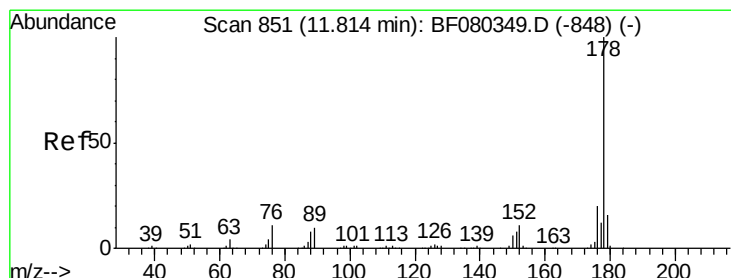
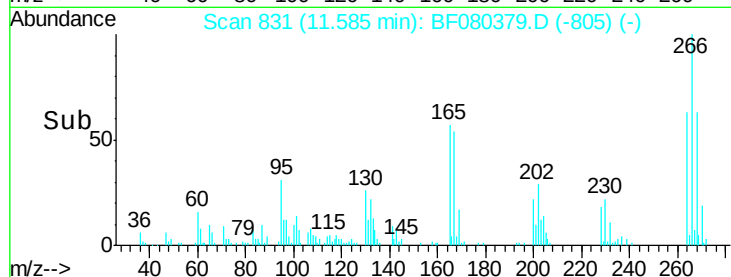
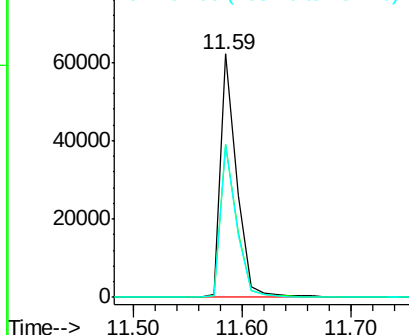
Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	52.7	79.1
264	62.9	55.0	82.6

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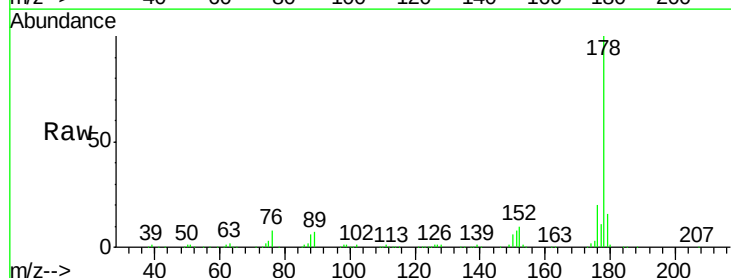


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

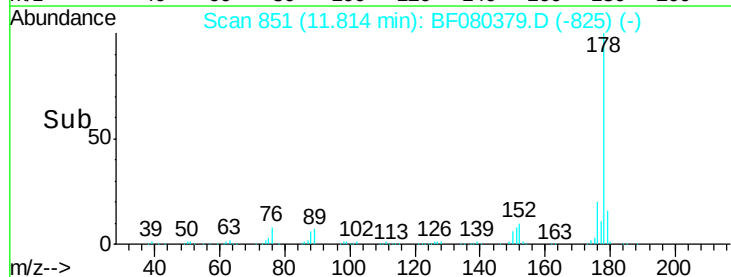
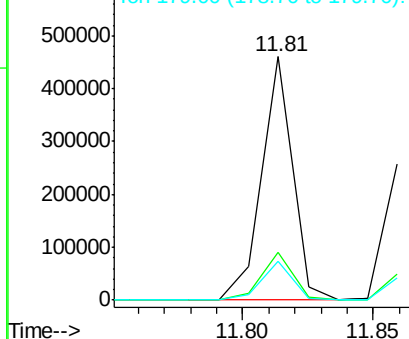


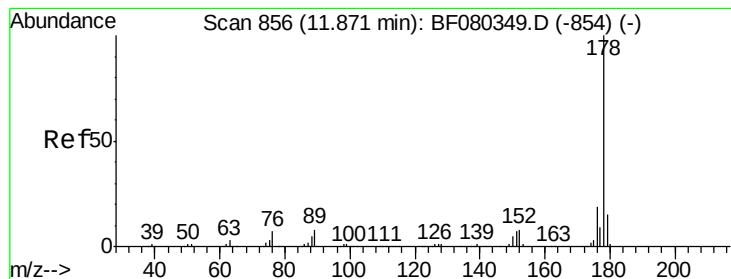
#70
 Phenanthrene
 Concen: 43.69 ng
 RT: 11.81 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	15.7	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: 42.88 ng

RT: 11.87 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF080379.D

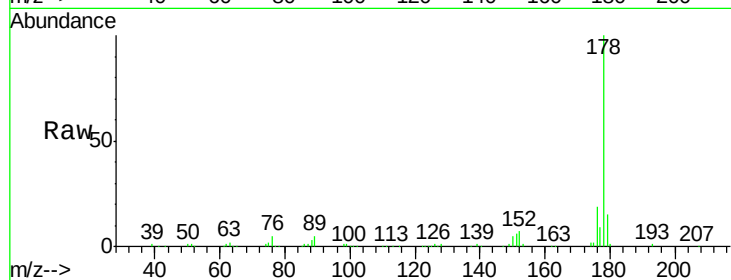
Acq: 7 Jul 2015 18:59

Instrument :

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ClientSampleId :

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Tgt Ion:178 Resp: 363975

Ion Ratio Lower Upper

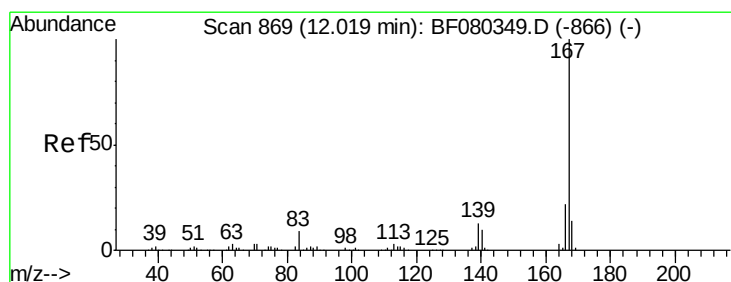
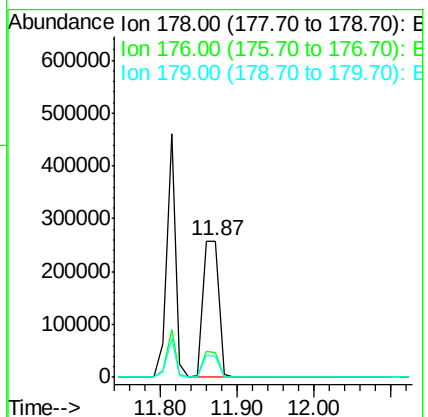
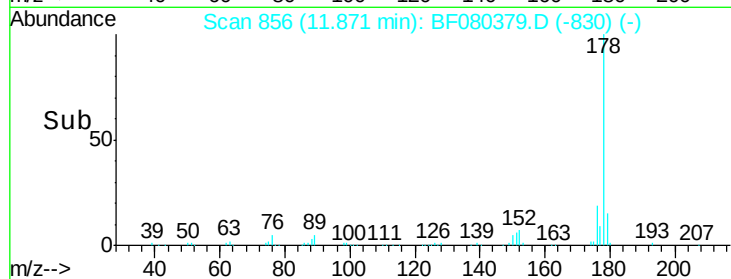
178 100

176 18.5 15.3 22.9

179 14.9 12.3 18.5

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#72

Carbazole

Concen: 43.37 ng

RT: 12.02 min Scan# 869

Delta R.T. 0.00 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

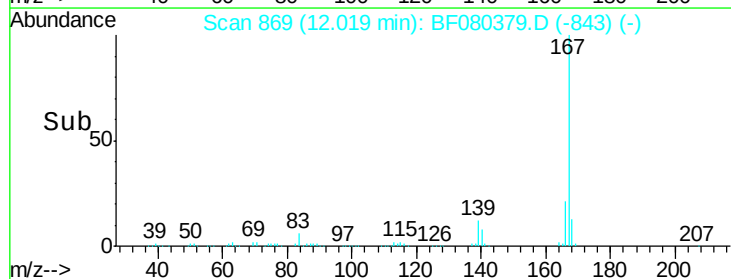
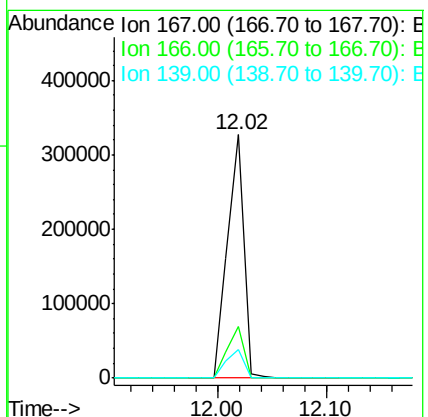
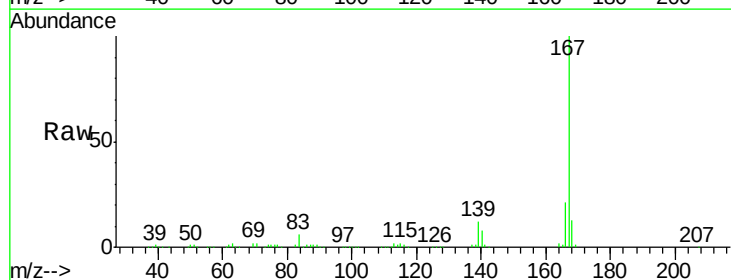
Tgt Ion:167 Resp: 343402

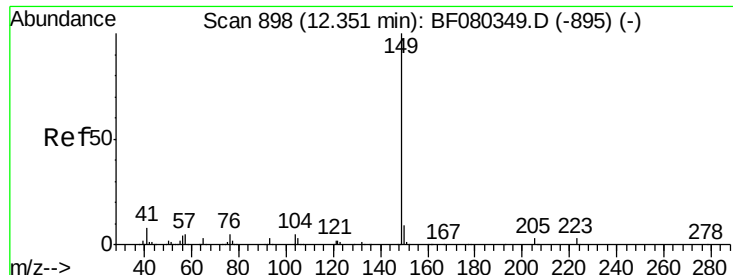
Ion Ratio Lower Upper

167 100

166 21.4 17.8 26.6

139 11.6 10.4 15.6





#73

Di-n-butylphthalate

Concen: 42.91 ng

RT: 12.34 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

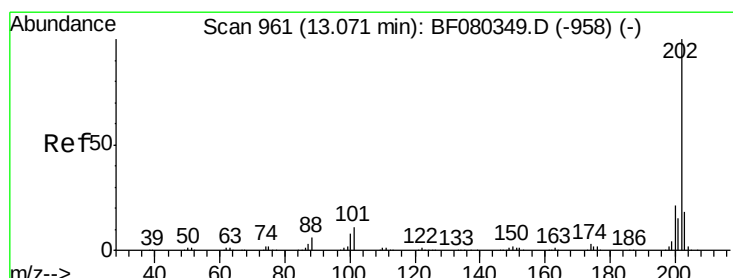
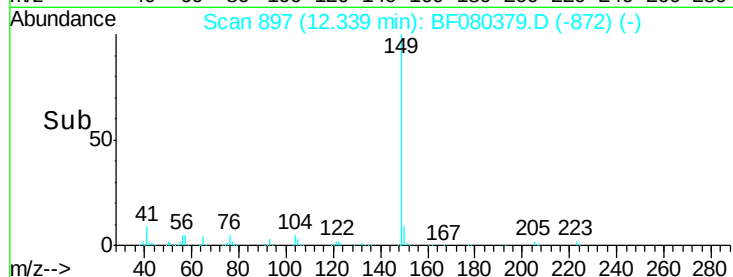
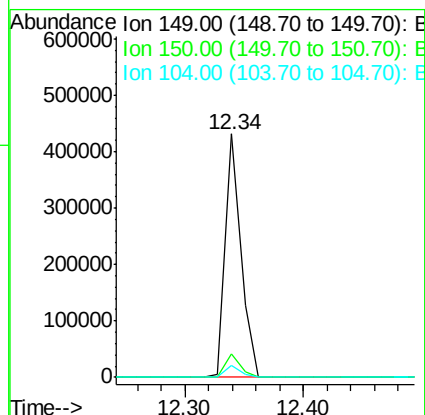
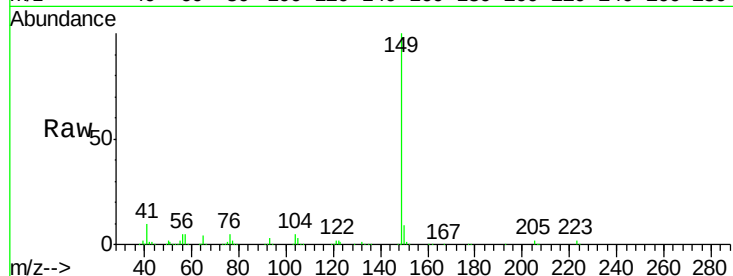
ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion:	149	Resp:	388628
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	5.1	3.9	5.9

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#74

Fluoranthene

Concen: 41.41 ng

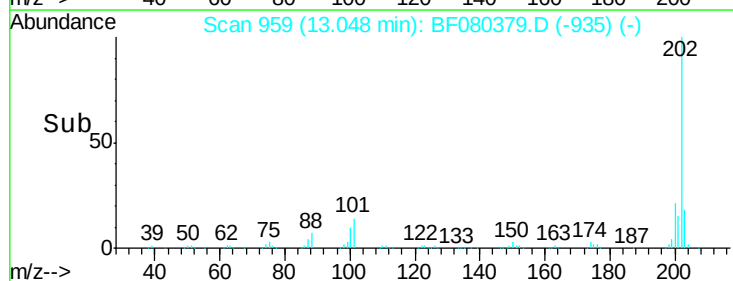
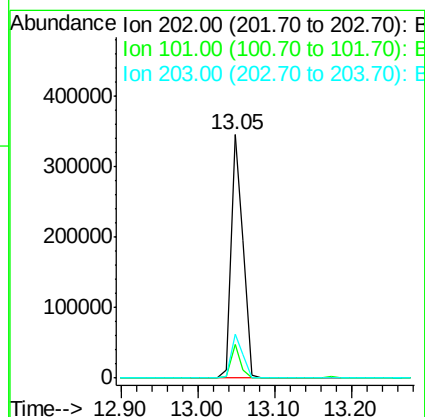
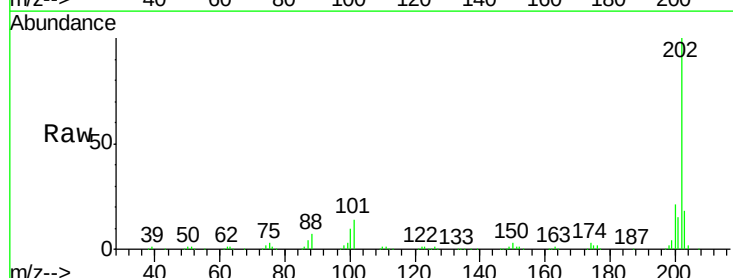
RT: 13.05 min Scan# 959

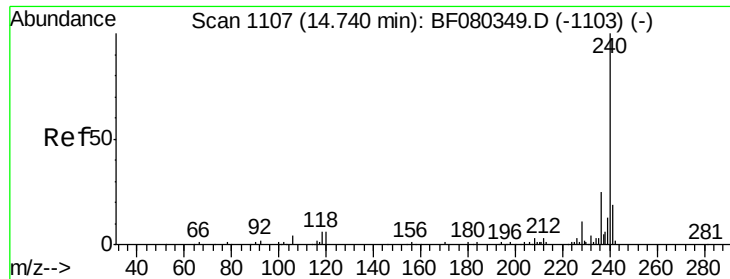
Delta R.T. -0.02 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion:	202	Resp:	385196
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	31.0
203	17.9	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.06 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

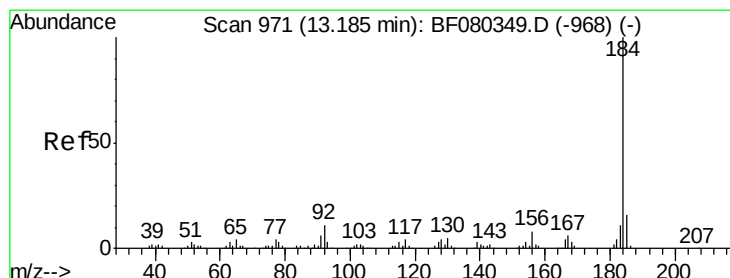
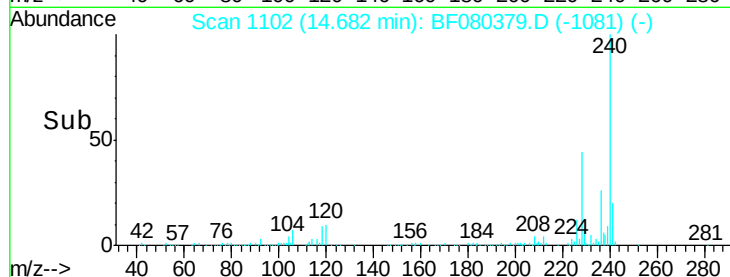
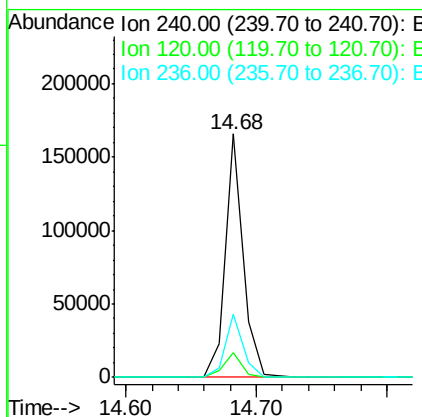
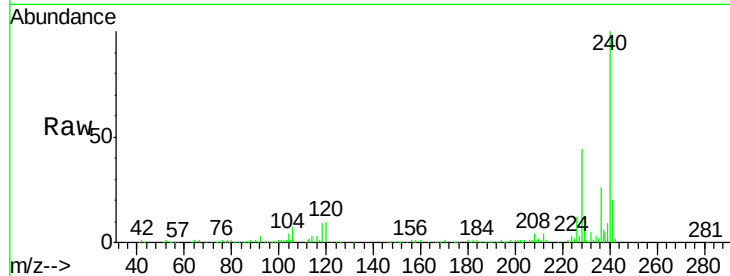
ClientSampleId :

BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	158245		
120	10.1	5.1	7.7#	
236	26.1	20.4	30.6	

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#76

Benzidine

Concen: 58.40 ng

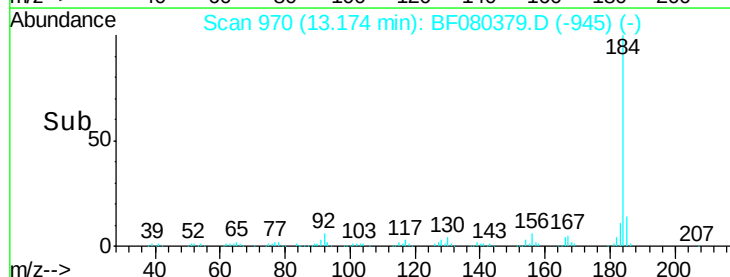
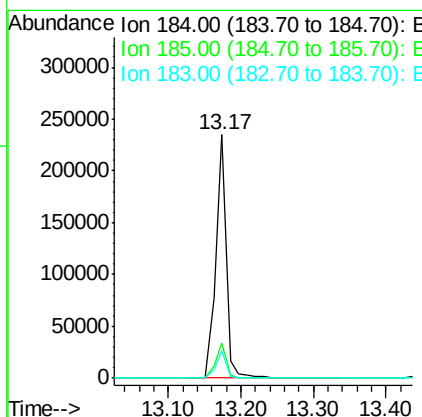
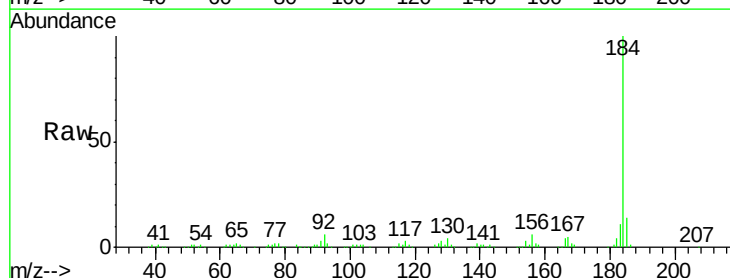
RT: 13.17 min Scan# 970

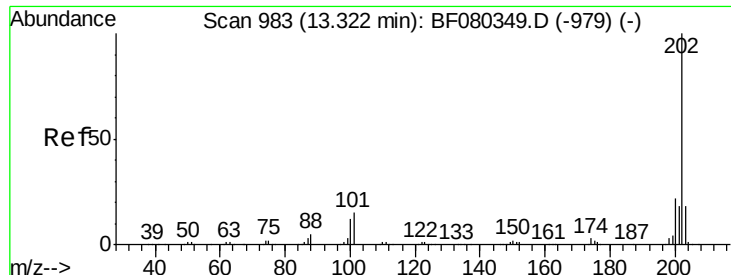
Delta R.T. -0.01 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	234408		
185	14.3	12.6	19.0	
183	11.3	9.2	13.8	





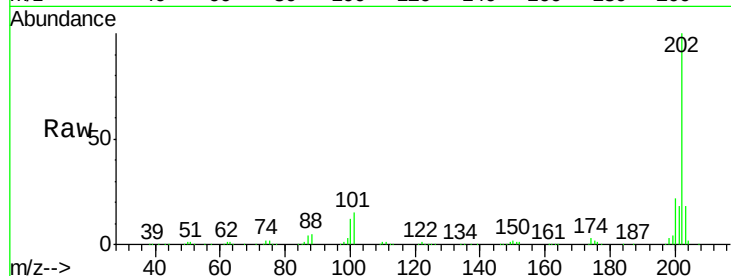
#77
 Pyrene
 Concen: 42.04 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

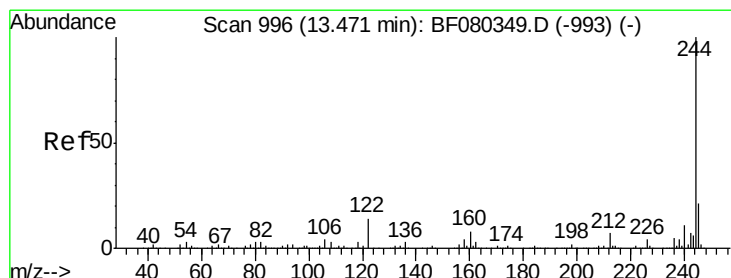
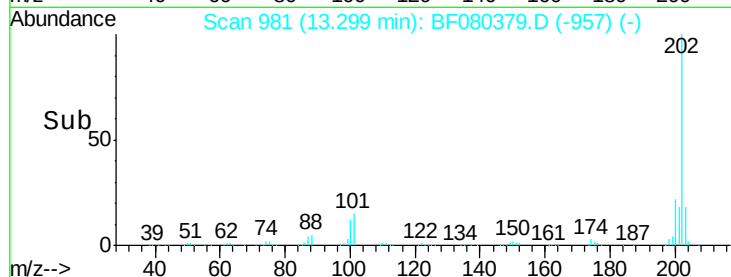
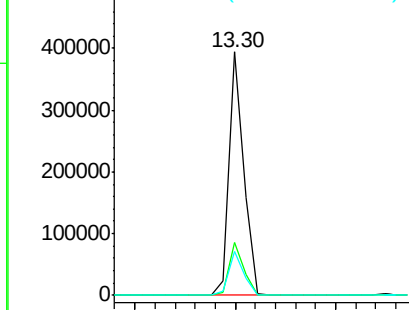
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.2	25.8
203	17.9	14.3	21.5

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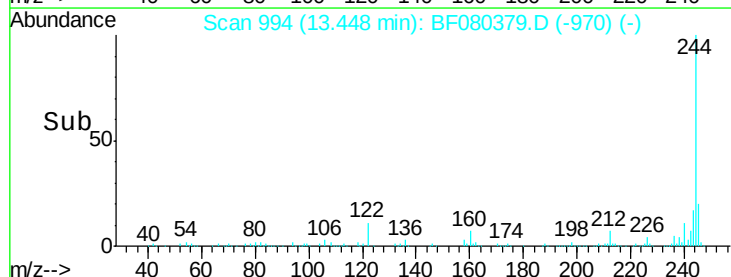
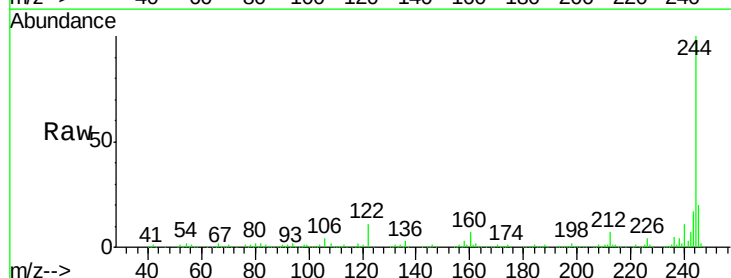
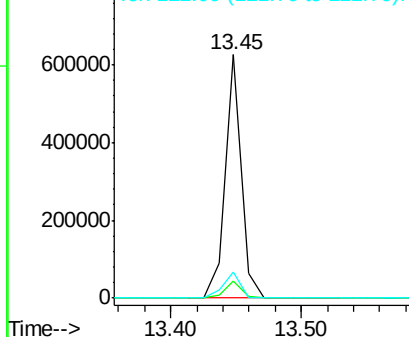
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

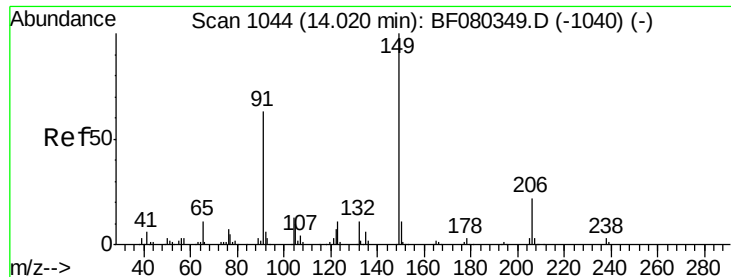


#78
 Terphenyl-d14
 Concen: 79.13 ng
 RT: 13.45 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	5.8	8.8
122	10.9	11.1	16.7#

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





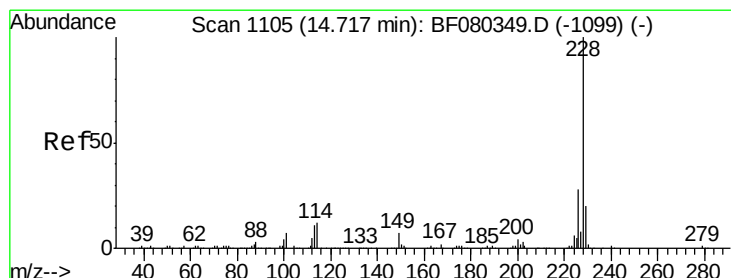
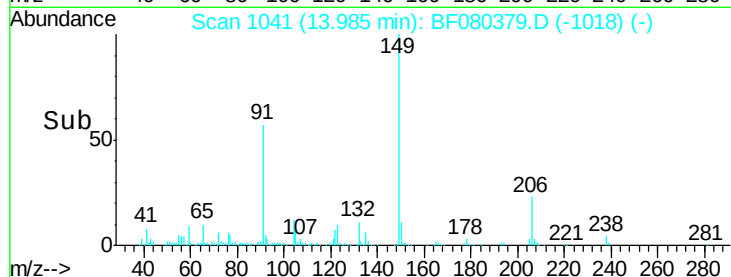
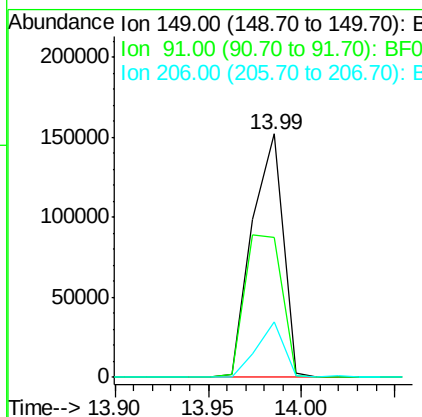
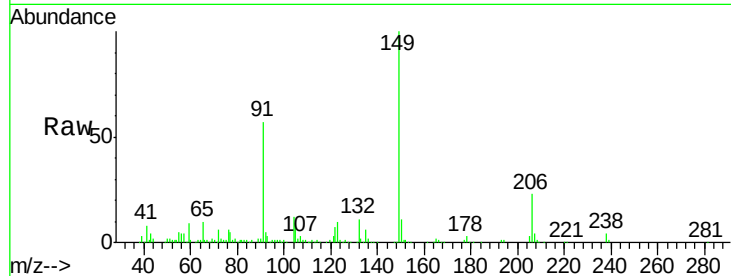
#79
Butylbenzylphthalate
Concen: 45.77 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	174803		
91	57.3	50.8	76.2	
206	23.0	17.6	26.4	

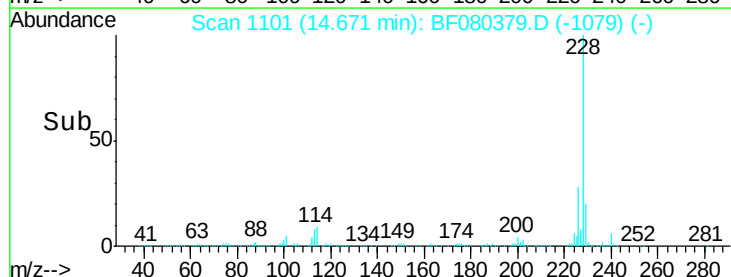
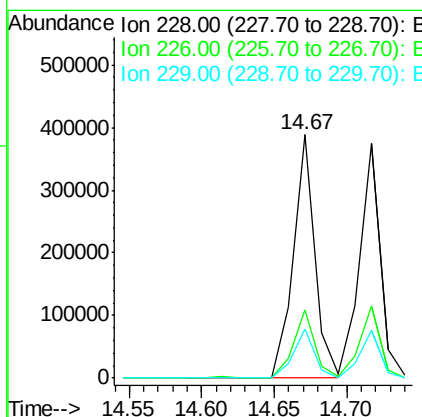
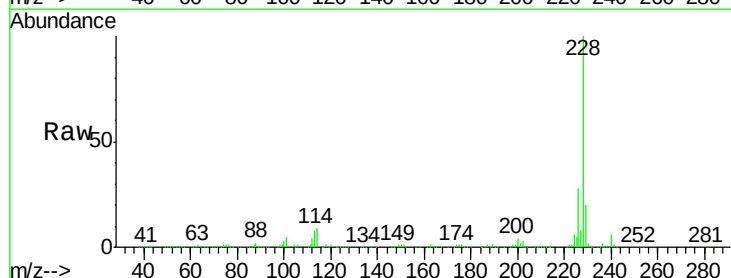
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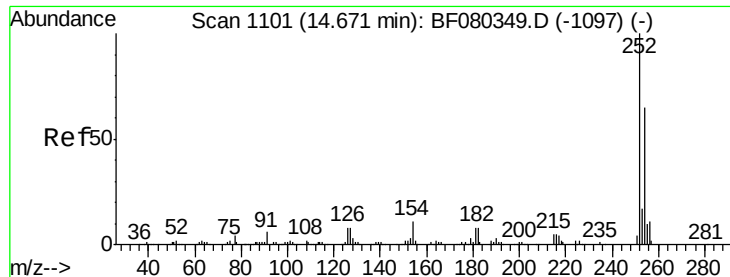
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#80
Benzo(a)anthracene
Concen: 41.90 ng
RT: 14.67 min Scan# 1101
Delta R.T. -0.05 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	399603		
226	27.9	22.2	33.4	
229	20.0	16.0	24.0	





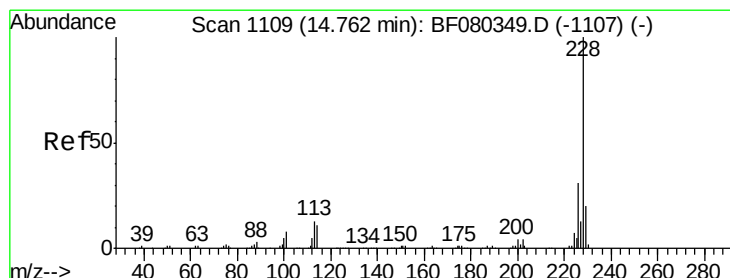
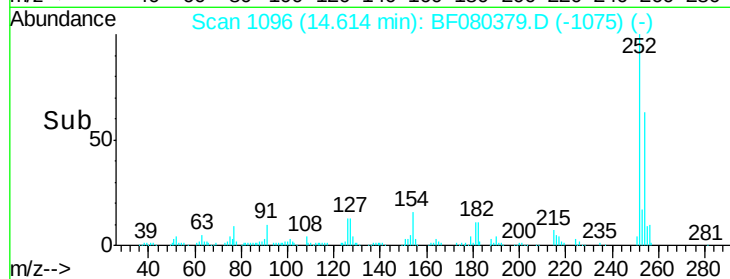
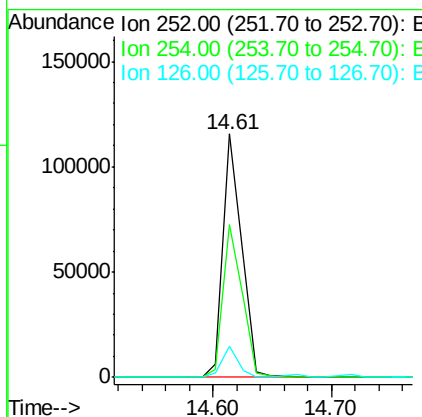
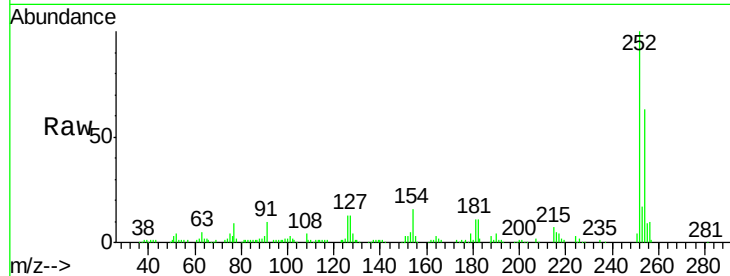
#81
 3,3'-Dichlorobenzidine
 Concen: 39.72 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.06 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.8	51.7	77.5
126	13.0	6.3	9.5

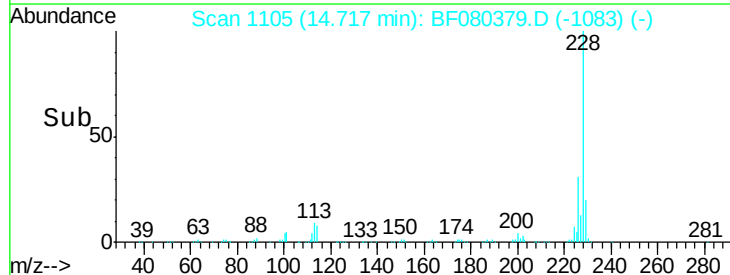
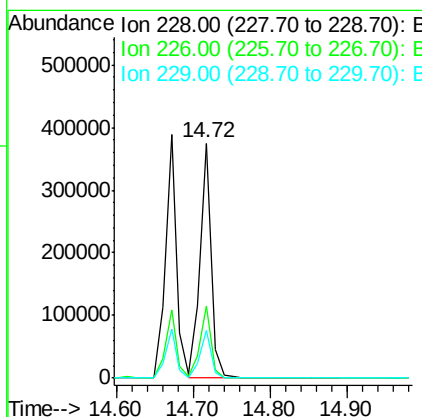
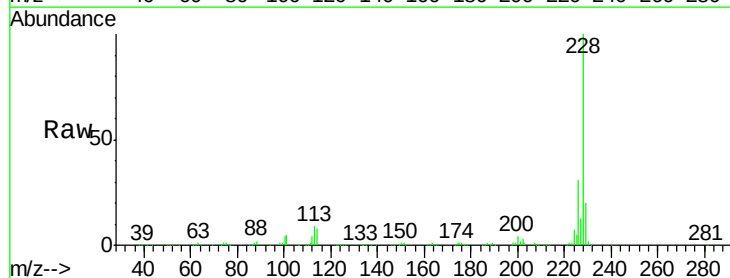
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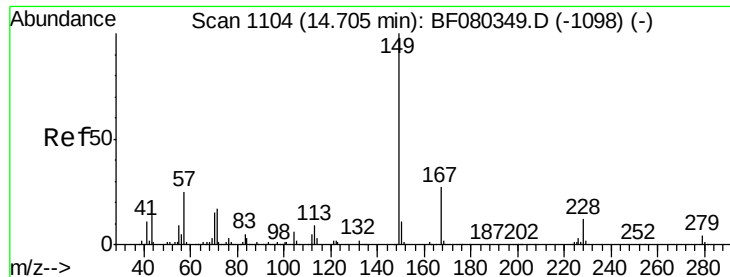
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#82
 Chrysene
 Concen: 42.12 ng
 RT: 14.72 min Scan# 1105
 Delta R.T. -0.05 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	25.0	37.4
229	20.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.60 ng

RT: 14.65 min Scan# 1099

Delta R.T. -0.06 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

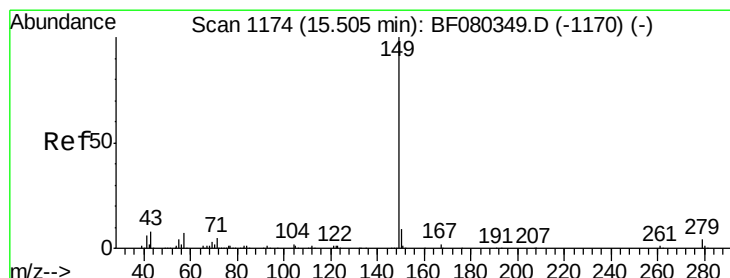
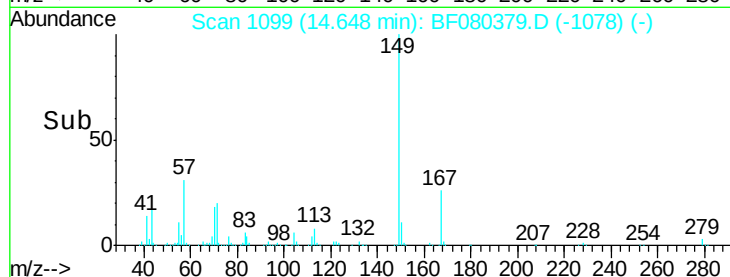
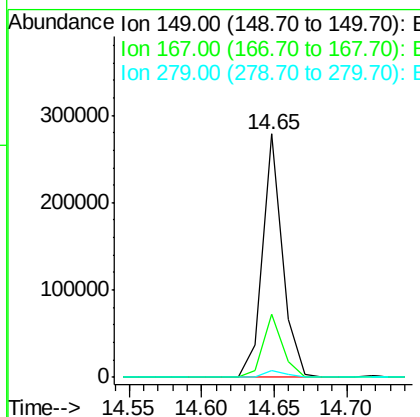
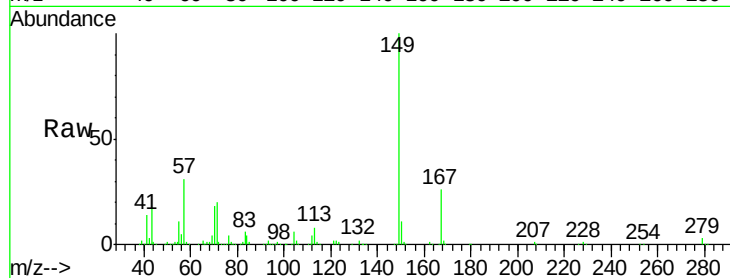
ClientSampleId :

BOTTOMWEST-1MS

Tgt	Ion	149	Resp	265481
	Ratio	100	Lower	Upper
	149	100		
	167	26.0	21.4	32.0
	279	2.8	2.9	4.3#

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#84

Di-n-octyl phthalate

Concen: 45.81 ng

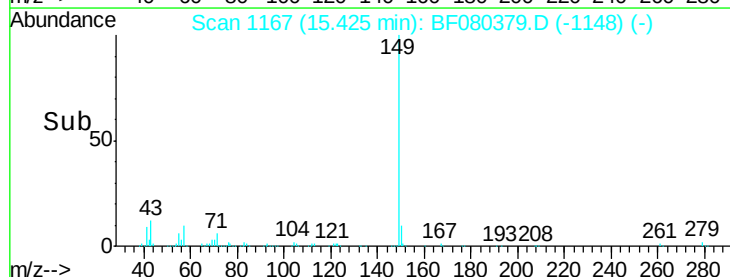
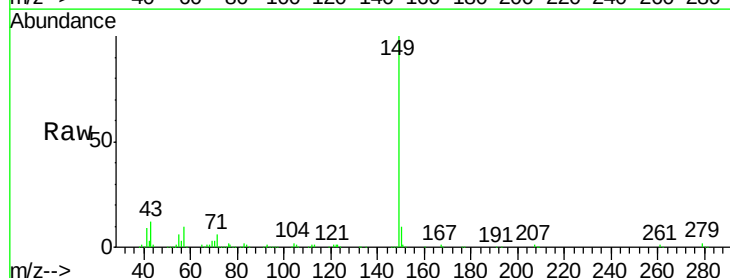
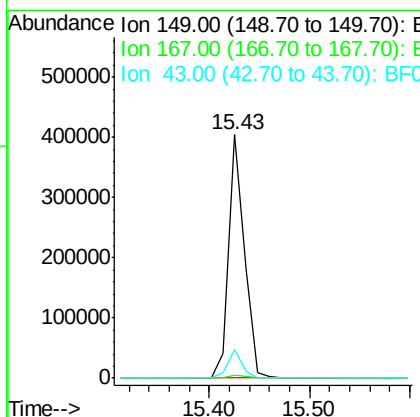
RT: 15.43 min Scan# 1167

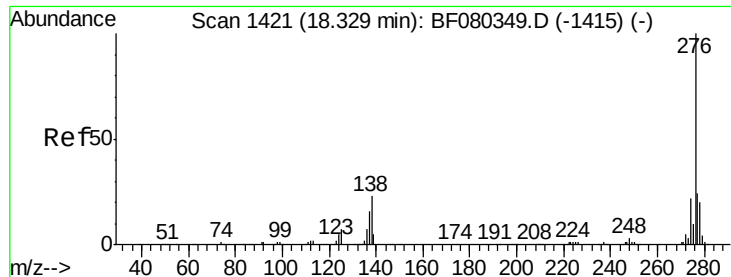
Delta R.T. -0.08 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt	Ion	149	Resp	440574
	Ratio	100	Lower	Upper
	149	100		
	167	1.5	1.2	1.8
	43	10.8	9.1	13.7





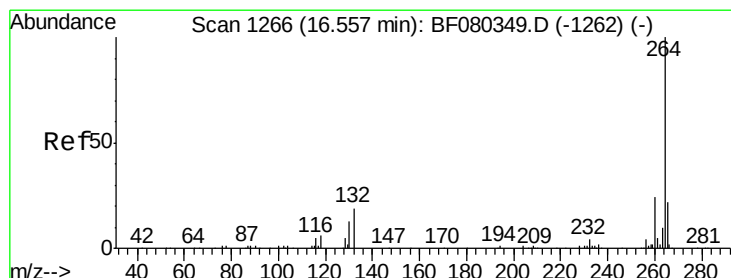
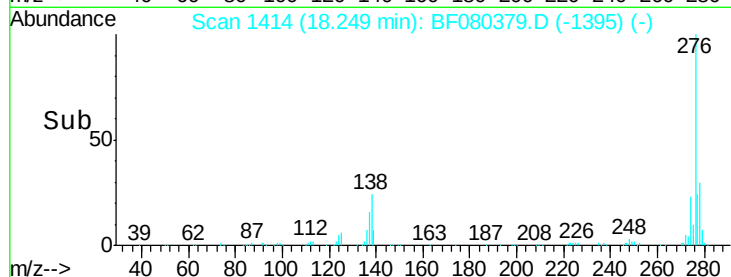
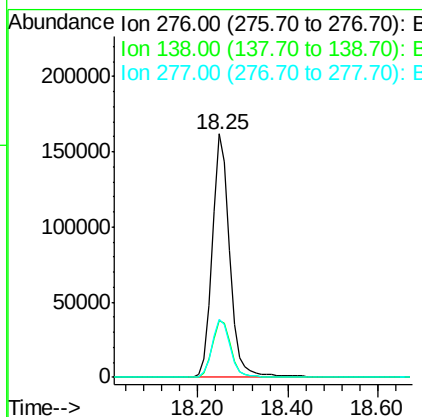
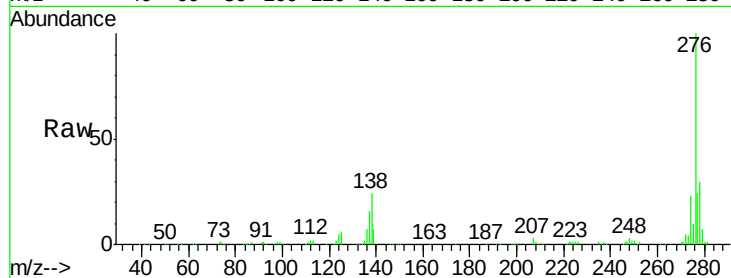
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.81 ng
 RT: 18.25 min Scan# 1414
 Delta R.T. -0.08 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	24.7	19.4	29.0

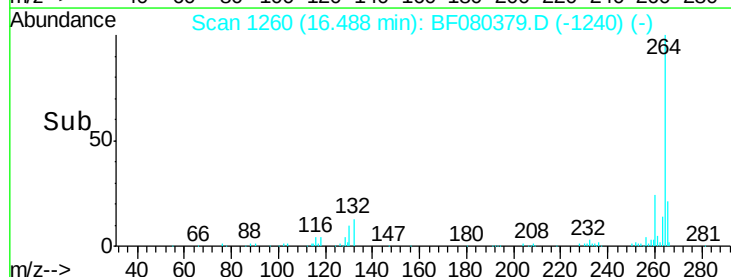
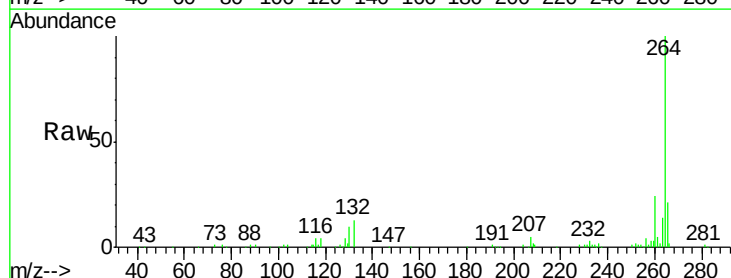
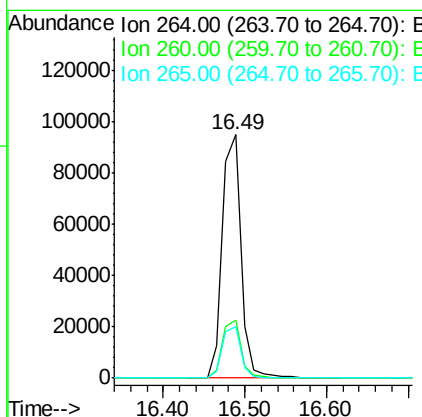
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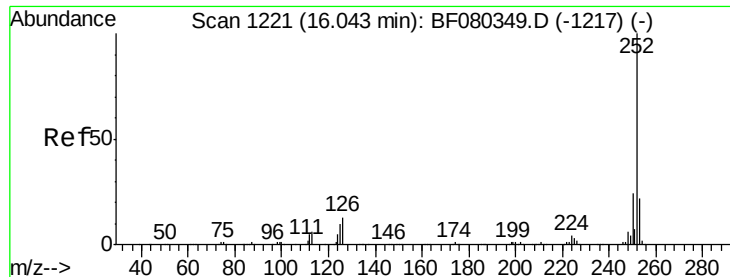
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.49 min Scan# 1260
 Delta R.T. -0.07 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.6	26.4





#87

Benzo(b)fluoranthene

Concen: 39.78 ng

RT: 15.97 min Scan# 1215

Delta R.T. -0.07 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Instrument :

BNA_F

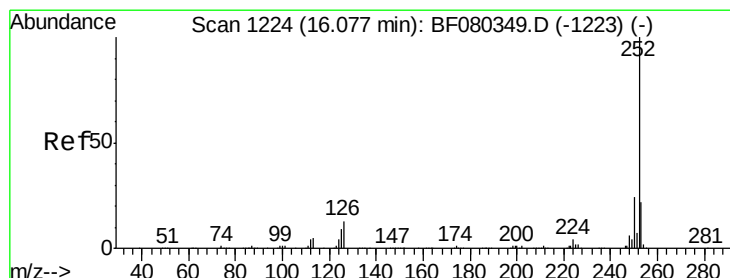
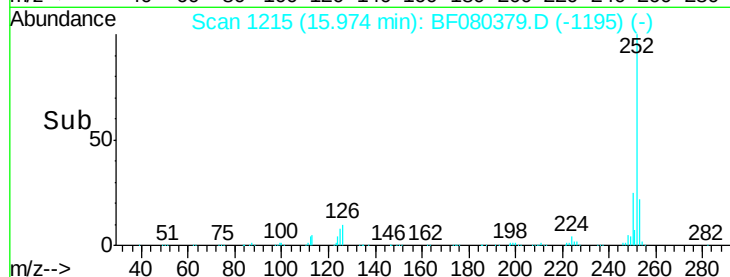
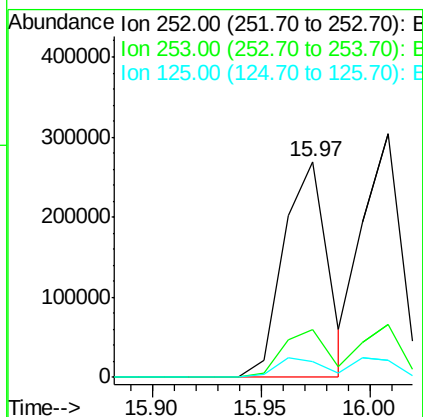
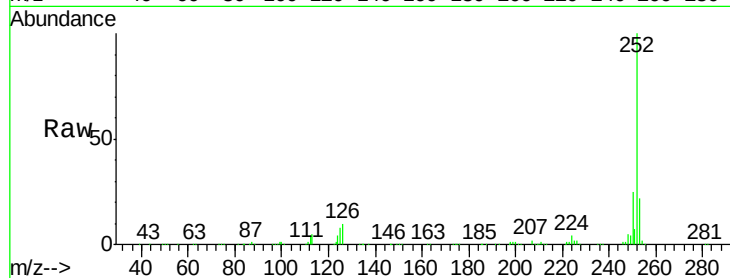
ClientSampleId :

BOTTOMWEST-1MS

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.8	17.8	26.8	
125	7.6	7.7	11.5#	

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#88

Benzo(k)fluoranthene

Concen: 42.98 ng

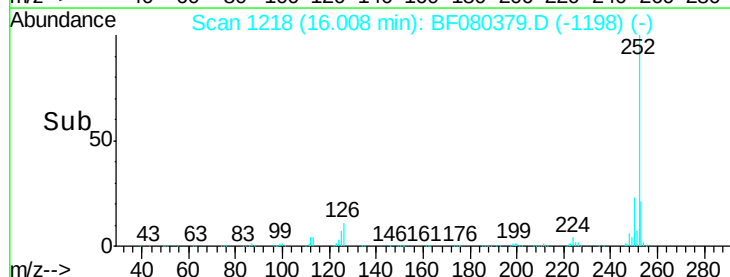
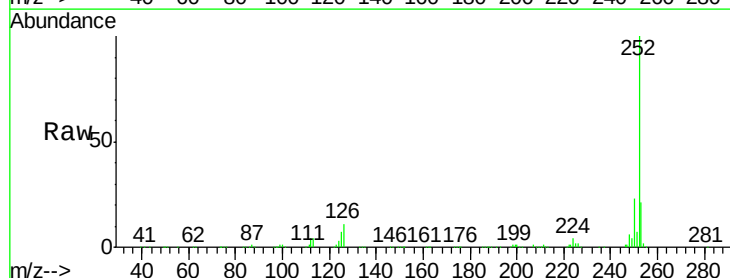
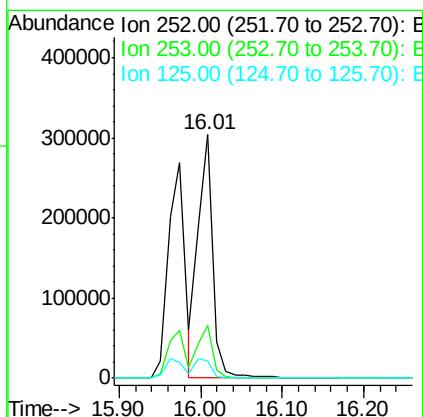
RT: 16.01 min Scan# 1218

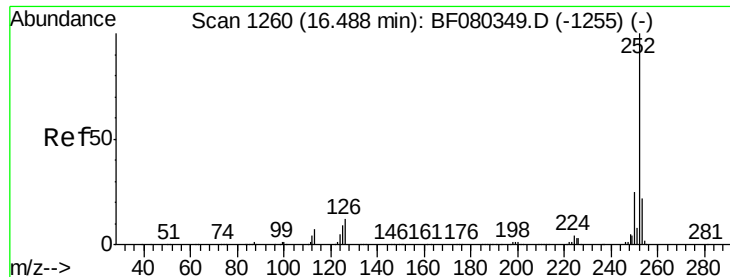
Delta R.T. -0.07 min

Lab File: BF080379.D

Acq: 7 Jul 2015 18:59

Tgt	Ion	Ratio	Lower	Upper
252	100			
253	21.5	17.8	26.6	
125	7.1	8.5	12.7#	





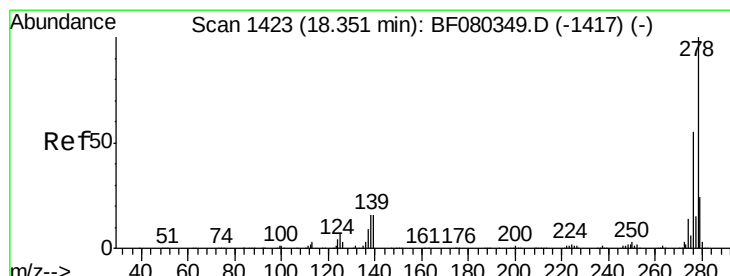
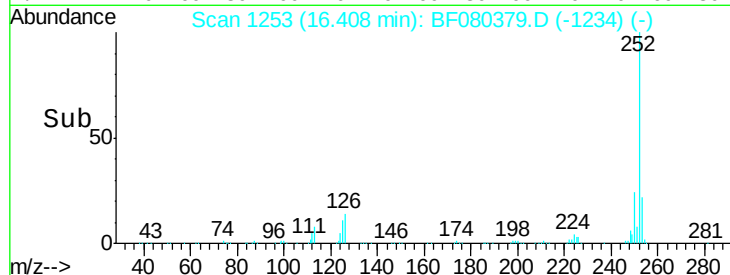
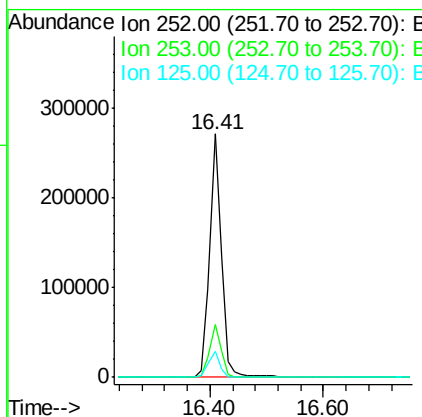
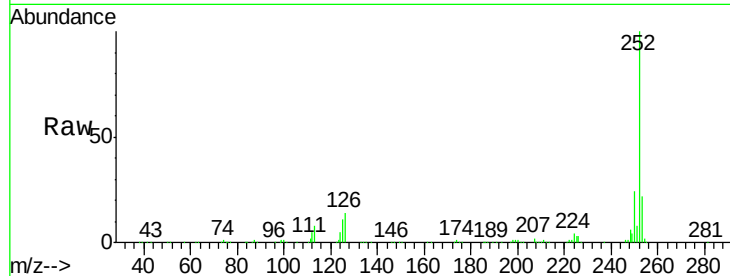
#89
Benzo(a)pyrene
Concen: 43.41 ng
RT: 16.41 min Scan# 1253
Delta R.T. -0.08 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Instrument :
BNA_F
ClientSampleId :
BOTTOMWEST-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.9	7.3	10.9

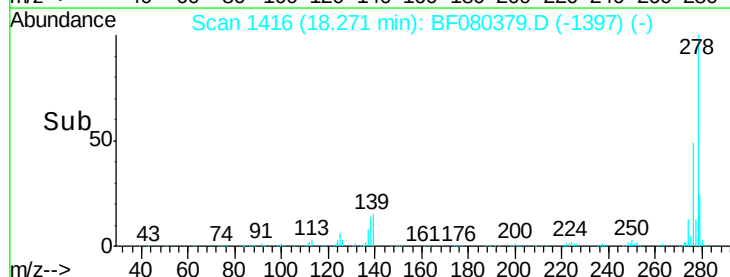
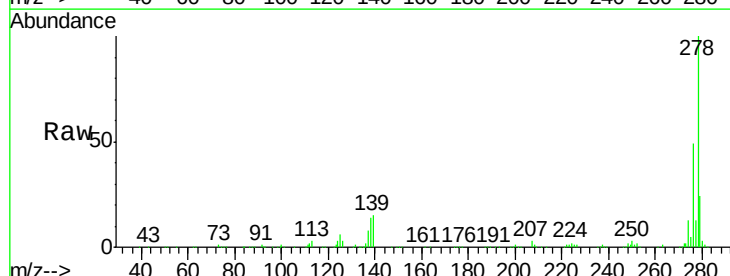
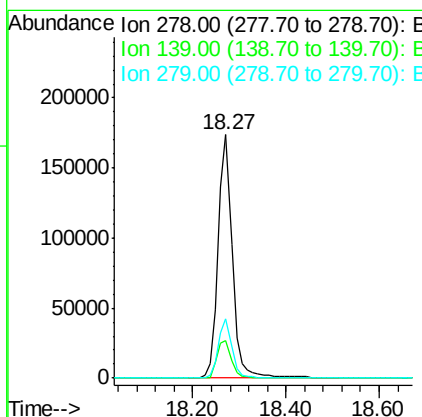
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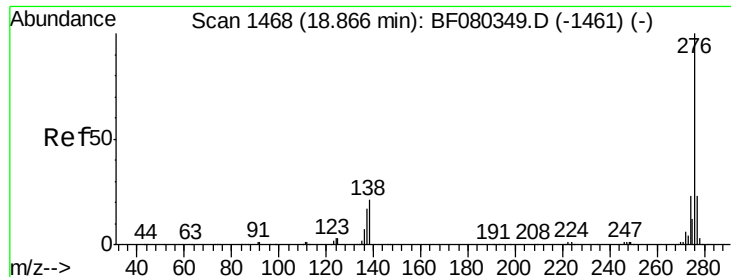
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#90
Dibenzo(a,h)anthracene
Concen: 42.57 ng
RT: 18.27 min Scan# 1416
Delta R.T. -0.08 min
Lab File: BF080379.D
Acq: 7 Jul 2015 18:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.0	19.6
279	24.2	19.1	28.7





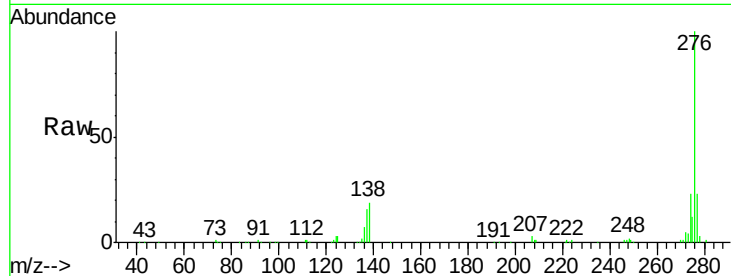
#91
 Benzo(g,h,i)perylene
 Concen: 42.12 ng
 RT: 18.79 min Scan# 1461
 Delta R.T. -0.08 min
 Lab File: BF080379.D
 Acq: 7 Jul 2015 18:59

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMWEST-1MS

Tgt Ion:	276	Resp:	366176
Ion Ratio	Lower	Upper	
276	100		
277	22.8	18.6	28.0
138	19.4	16.8	25.2

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

