

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080338.D
 Acq On : 3 Jul 2015 11:53
 Operator : TP/IZ
 Sample : G2873-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Manual Integrations
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 7/6/2015 3:41:42 PM

Quant Time: Jul 03 23:35:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	32500	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	126535	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	61757	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	133317	20.00	ng	0.00
75) Chrysene-d12	14.77	240	136321	20.00	ng	0.06
86) Perylene-d12	16.64	264	128180	20.00	ng	0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	293023	156.13	ng	0.00
7) Phenol-d6	6.85	99	392294	155.71	ng	0.01
23) Nitrobenzene-d5	7.80	82	234958	102.24	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	104349	177.45	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	406551	94.75	ng	0.00
78) Terphenyl-d14	13.49	244	490678	84.31	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	31043	137.83	ng	# 100
3) Pyridine	3.89	79	119687	51.52	ng	99
4) n-Nitrosodimethylamine	3.79	42	54092	52.28	ng	87
6) Aniline	6.90	93	152046	45.13	ng	91
8) 2-Chlorophenol	7.02	128	113543	55.07	ng	92
9) Benzaldehyde	6.78	77	60704	44.09	ng	95
10) Phenol	6.86	94	148046	53.13	ng	88
11) bis(2-Chloroethyl)ether	6.96	93	95667	45.39	ng	90
12) 1,3-Dichlorobenzene	7.18	146	126060	50.09	ng	97
13) 1,4-Dichlorobenzene	7.26	146	118347m	47.24	ng	
14) 1,2-Dichlorobenzene	7.41	146	120605	48.45	ng	97
15) Benzyl Alcohol	7.37	79	99334	51.22	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	164154	50.76	ng	100
17) 2-Methylphenol	7.48	107	83493	46.85	ng	94
18) Hexachloroethane	7.77	117	38767	49.56	ng	# 65
19) n-Nitroso-di-n-propylamine	7.64	70	76802	45.85	ng	# 87
20) 3+4-Methylphenols	7.63	107	120065	50.72	ng	91
22) Acetophenone	7.64	105	160028	54.13	ng	# 93
24) Nitrobenzene	7.81	77	111602	46.83	ng	93
25) Isophorone	8.05	82	217794	48.76	ng	96
26) 2-Nitrophenol	8.14	139	50880	48.89	ng	# 76
27) 2,4-Dimethylphenol	8.17	122	97904	51.25	ng	94
28) bis(2-Chloroethoxy)methane	8.26	93	140657	52.47	ng	99
29) 2,4-Dichlorophenol	8.38	162	91634	51.93	ng	90
30) 1,2,4-Trichlorobenzene	8.48	180	94952	46.13	ng	# 90
31) Naphthalene	8.56	128	333874	51.80	ng	99
32) Benzoic acid	8.21	122	11102	25.40	ng	93
33) 4-Chloroaniline	8.59	127	115596m	42.27	ng	
34) Hexachlorobutadiene	8.67	225	62524	48.22	ng	99
35) Caprolactam	8.92	113	26421	49.35	ng	# 87
36) 4-Chloro-3-methylphenol	9.06	107	92865	48.61	ng	89
37) 2-Methylnaphthalene	9.24	142	214033	48.49	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	97915	47.64	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	79344	96.32	ng	97

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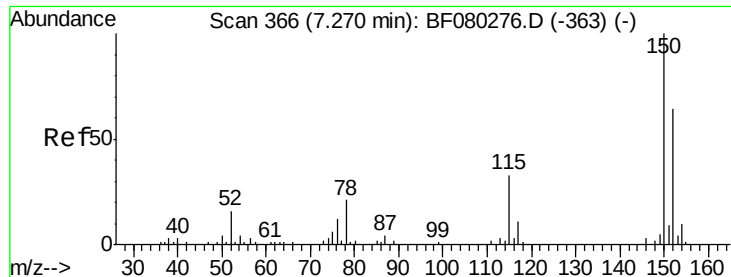
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	62510	48.05	ng	100
43) 2,4,5-Trichlorophenol	9.56	196	79151	56.47	ng #	92
45) 1,1'-Biphenyl	9.71	154	291622	55.53	ng	98
46) 2-Chloronaphthalene	9.74	162	210267	51.72	ng #	91
47) 2-Nitroaniline	9.82	65	67144	57.43	ng #	79
48) Acenaphthylene	10.16	152	344584	48.81	ng	99
49) Dimethylphthalate	10.00	163	318448	67.50	ng	98
50) 2,6-Dinitrotoluene	10.06	165	55278	57.32	ng #	62
51) Acenaphthene	10.34	154	216030	53.15	ng	92
52) 3-Nitroaniline	10.24	138	58819	53.17	ng #	81
53) 2,4-Dinitrophenol	10.34	184	34413	84.82	ng #	66
54) Dibenzofuran	10.51	168	310532	54.13	ng	90
55) 4-Nitrophenol	10.38	139	99805	122.05	ng #	81
56) 2,4-Dinitrotoluene	10.48	165	69994	55.97	ng #	67
57) Fluorene	10.85	166	267835	56.29	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.62	232	62769	57.47	ng	94
59) Diethylphthalate	10.70	149	265969	59.32	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	117253	54.50	ng #	79
61) 4-Nitroaniline	10.85	138	57625	51.25	ng	84
62) Azobenzene	11.00	77	238842	51.78	ng	85
64) 4,6-Dinitro-2-methylphenol	10.89	198	35288	56.13	ng #	50
65) n-Nitrosodiphenylamine	10.96	169	210311	48.01	ng	99
66) 4-Bromophenyl-phenylether	11.33	248	79039	54.86	ng #	91
67) Hexachlorobenzene	11.41	284	82423	53.37	ng #	92
68) Atrazine	11.47	200	70333	53.11	ng	95
69) Pentachlorophenol	11.60	266	81113	95.40	ng	98
70) Phenanthrene	11.82	178	391496	49.01	ng	99
71) Anthracene	11.88	178	412798	53.86	ng	100
72) Carbazole	12.03	167	370404	51.68	ng	98
73) Di-n-butylphthalate	12.36	149	420956	54.75	ng	100
74) Fluoranthene	13.08	202	417607	50.60	ng	96
76) Benzidine	13.21	184	273015	68.39	ng	100
77) Pyrene	13.35	202	452258	51.83	ng	99
79) Butylbenzylphthalate	14.04	149	180657	54.00	ng #	78
80) Benzo(a)anthracene	14.76	228	425150	51.61	ng	98
81) 3,3'-Dichlorobenzidine	14.71	252	143056	53.19	ng	99
82) Chrysene	14.81	228	392358	51.66	ng	98
83) Bis(2-ethylhexyl)phthalate	14.75	149	265009	56.27	ng #	99
84) Di-n-octyl phthalate	15.56	149	425969	53.68	ng	97
85) Indeno(1,2,3-cd)pyrene	18.42	276	464236	54.37	ng	99
87) Benzo(b)fluoranthene	16.12	252	412455	50.94	ng #	96
88) Benzo(k)fluoranthene	16.16	252	420922	55.20	ng #	97
89) Benzo(a)pyrene	16.57	252	407884	55.28	ng #	96
90) Dibenzo(a,h)anthracene	18.44	278	390043	56.34	ng	99
91) Benzo(g,h,i)perylene	18.96	276	399827	55.36	ng	99

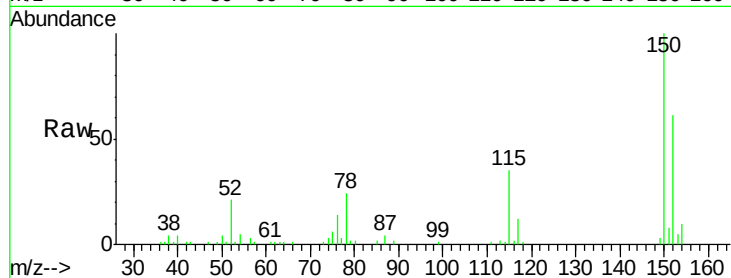
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

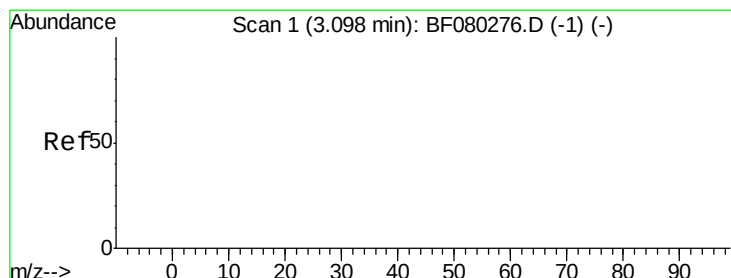
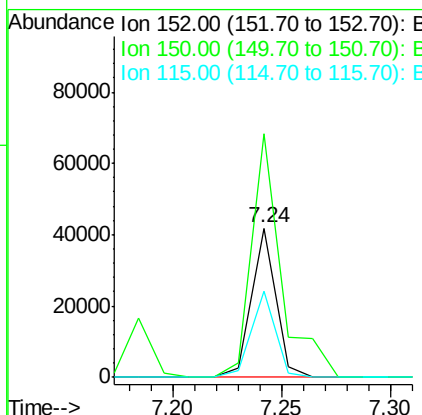
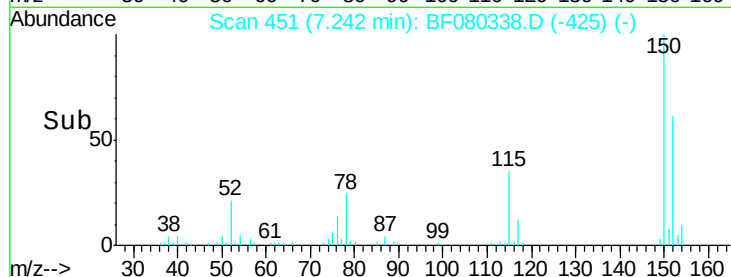
Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.1	124.7	187.1
115	57.4	41.0	61.6

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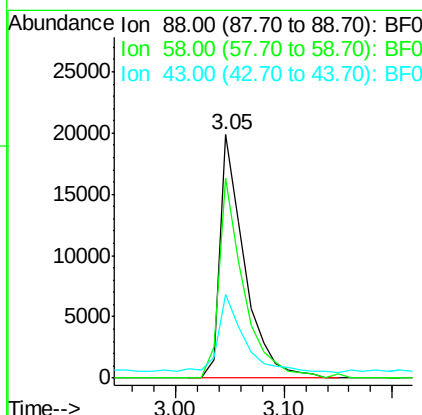
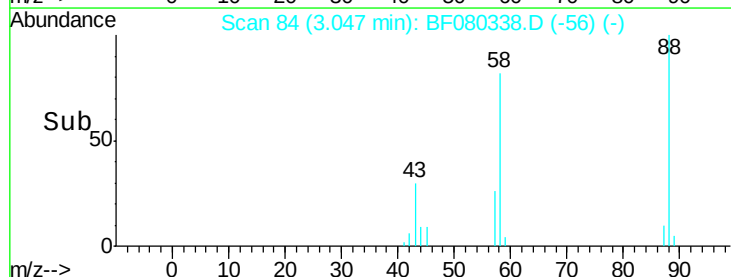
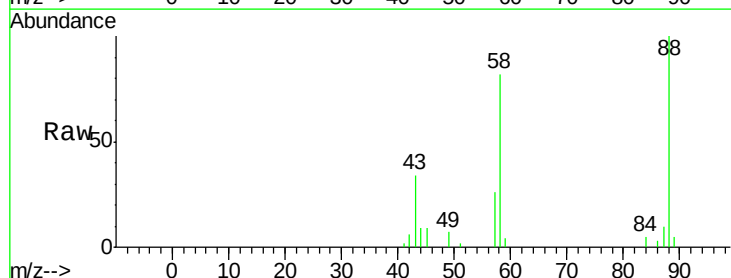
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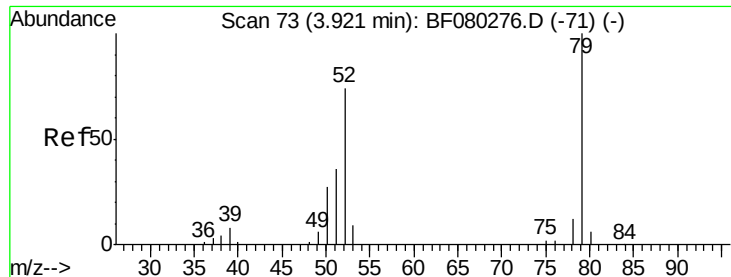


#2

1,4-Dioxane
Concen: 137.83 ng
RT: 3.05 min Scan# 84
Delta R.T. 0.02 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	0.0	0.0#
43	34.3	0.0	0.0#





#3

Pyridine

Concen: 51.52 ng

RT: 3.89 min Scan# 158

Delta R.T. 0.01 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

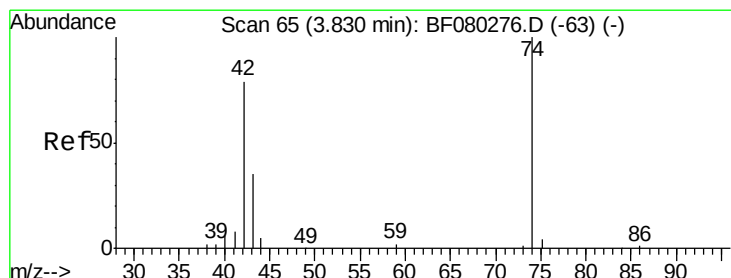
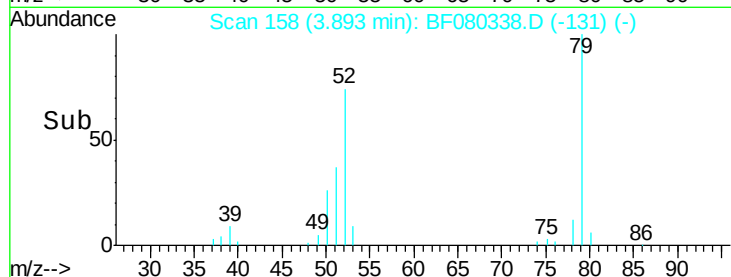
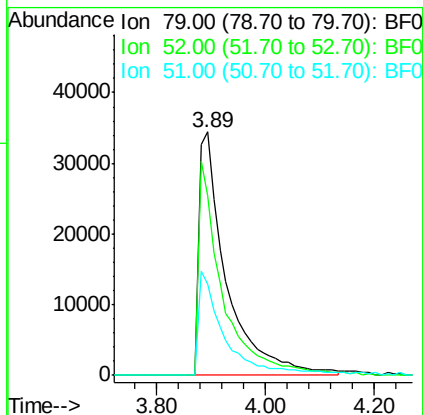
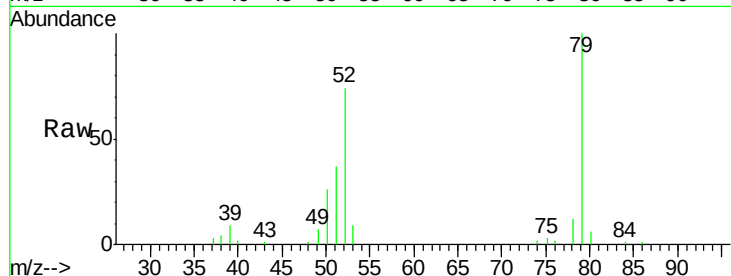
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	79	Resp:	119687
Ion	Ratio	Lower	Upper
79	100		
52	73.7	59.3	88.9
51	37.5	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 52.28 ng

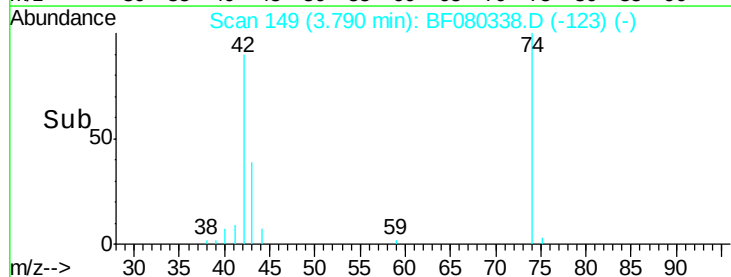
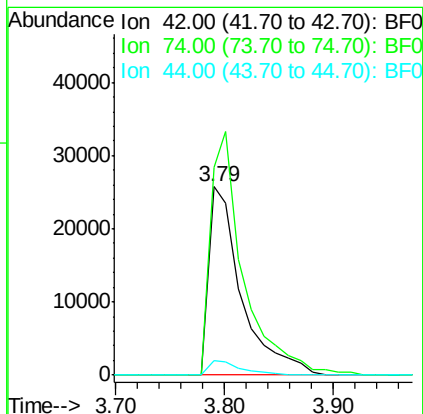
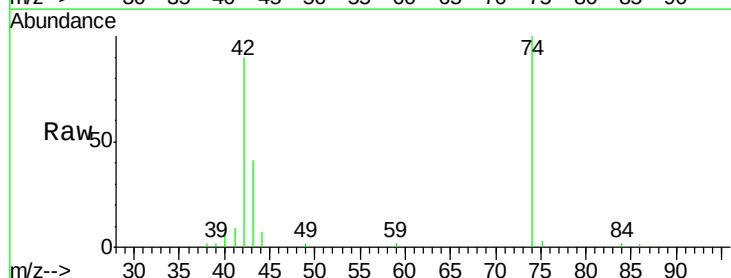
RT: 3.79 min Scan# 149

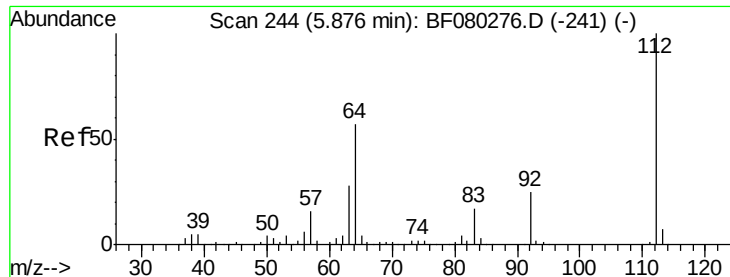
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	42	Resp:	54092
Ion	Ratio	Lower	Upper
42	100		
74	110.6	101.4	152.2
44	7.6	6.3	9.5





#5

2-Fluorophenol

Concen: 156.13 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

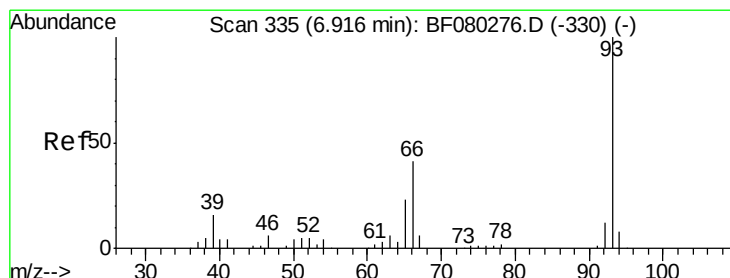
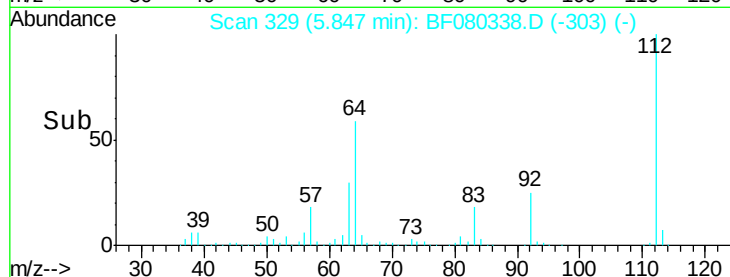
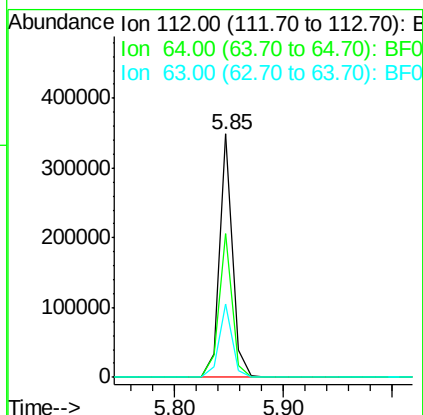
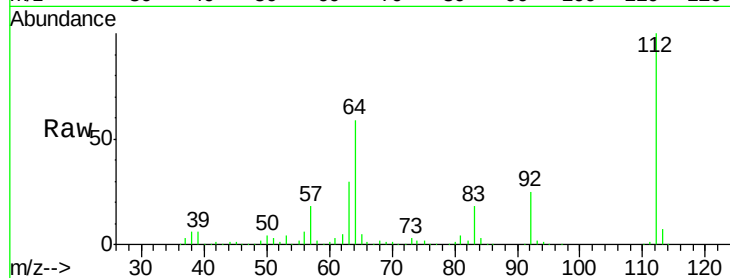
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	112	Resp:	293023
Ion Ratio	Lower	Upper	
112	100		
64	58.9	45.5	68.3
63	30.3	22.4	33.6

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#6

Aniline

Concen: 45.13 ng

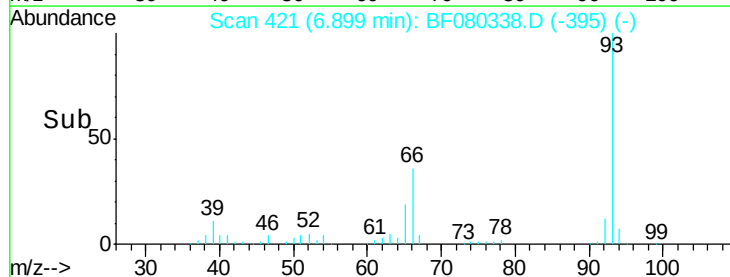
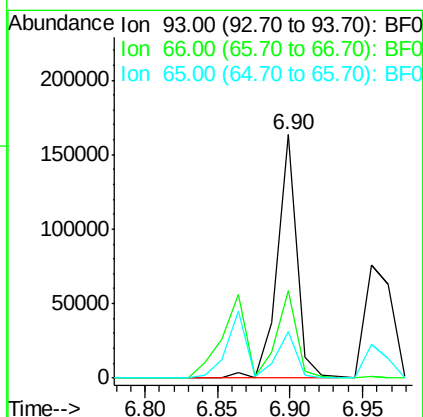
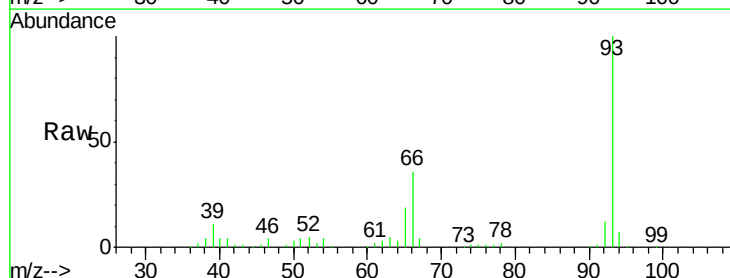
RT: 6.90 min Scan# 421

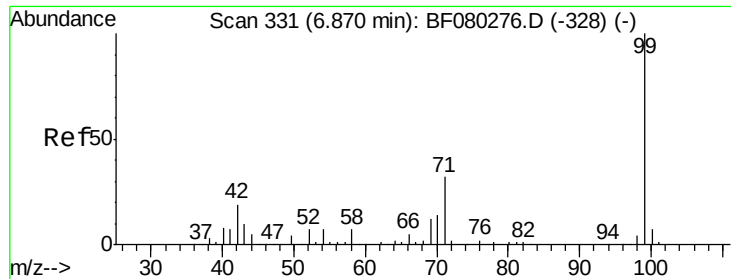
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	93	Resp:	152046
Ion Ratio	Lower	Upper	
93	100		
66	35.8	33.7	50.5
65	19.0	18.3	27.5





#7

Phenol-d6

Concen: 155.71 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

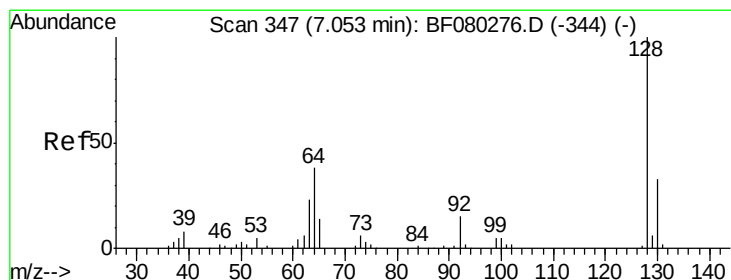
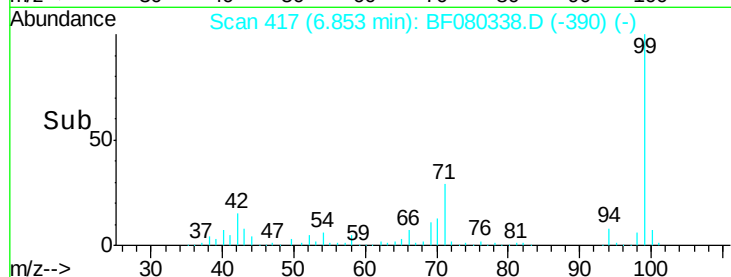
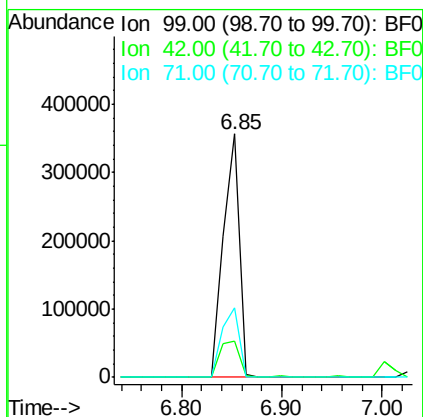
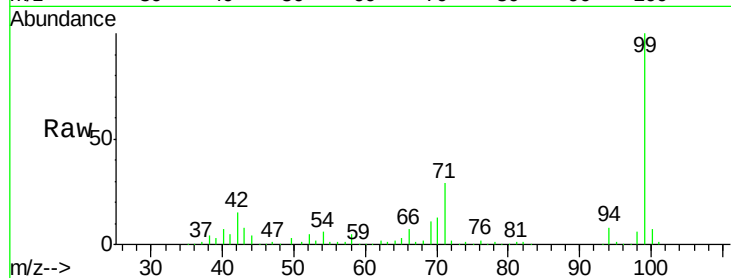
ClientSampleId :

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Tgt Ion:	99	Resp:	392294
Ion Ratio	Lower	Upper	
99	100		
42	15.0	15.4	23.2#
71	28.6	25.8	38.8

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#8

2-Chlorophenol

Concen: 55.07 ng

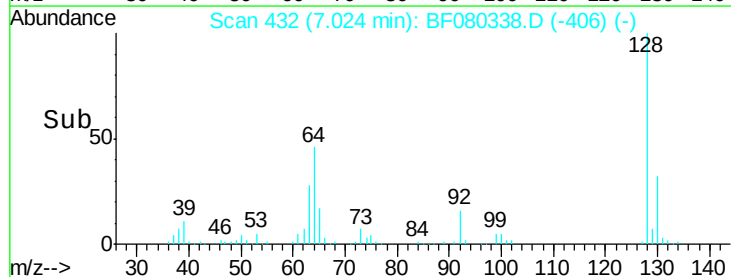
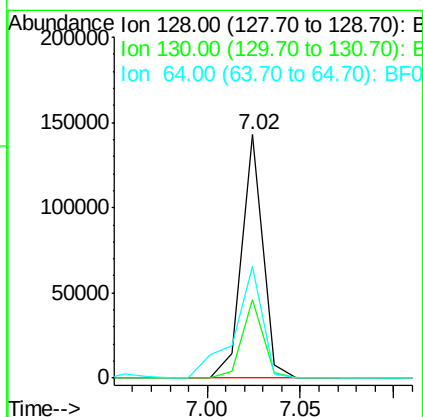
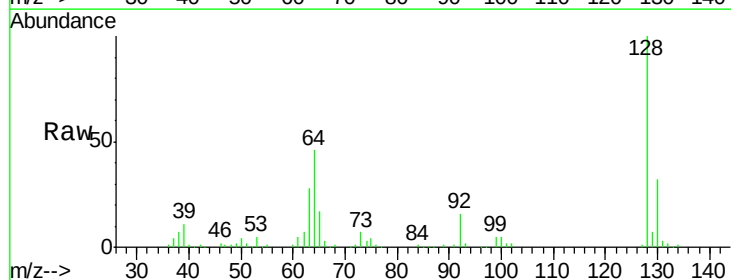
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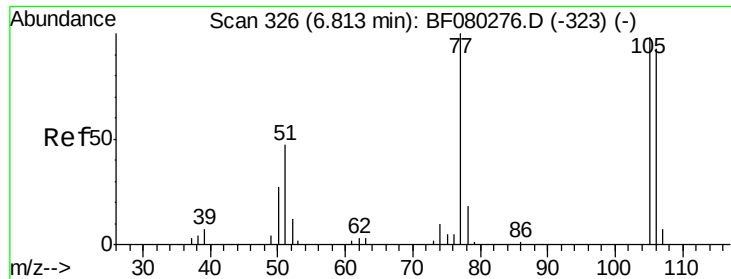
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	128	Resp:	113543
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.4	53.4
64	46.1	18.5	58.5





#9

Benzaldehyde

Concen: 44.09 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

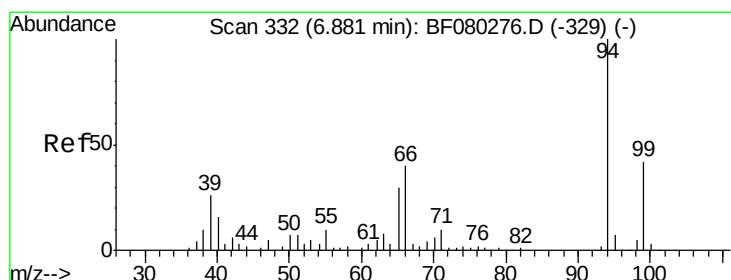
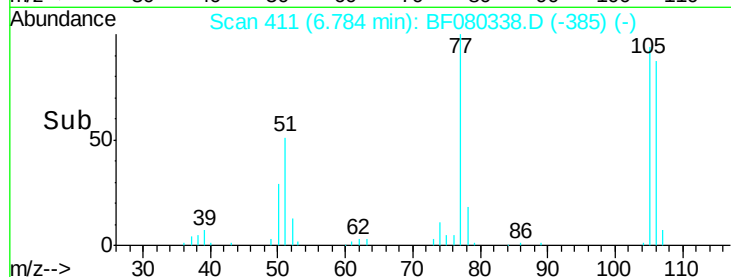
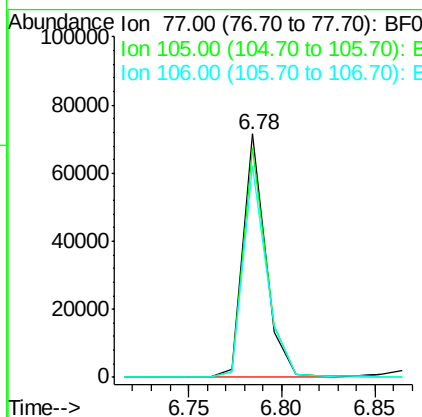
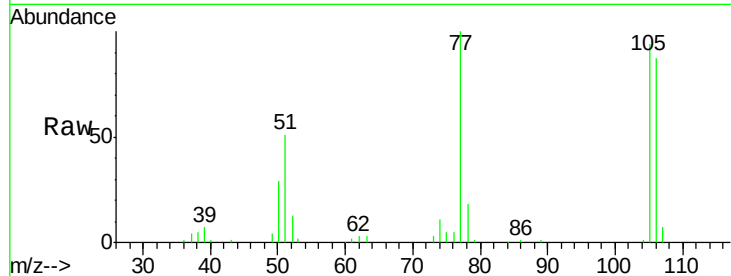
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	77	Resp:	60704
Ion	Ratio	Lower	Upper
77	100		
105	94.1	78.2	118.2
106	86.9	72.5	112.5

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#10

Phenol

Concen: 53.13 ng

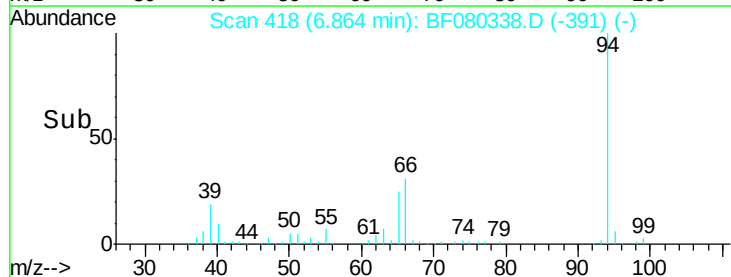
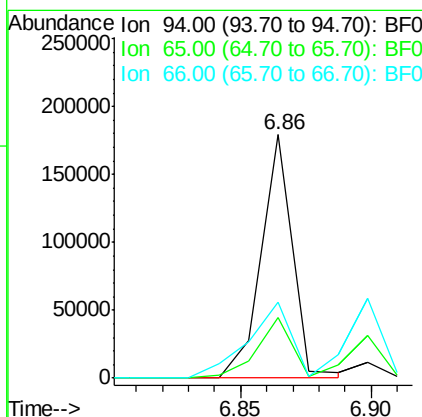
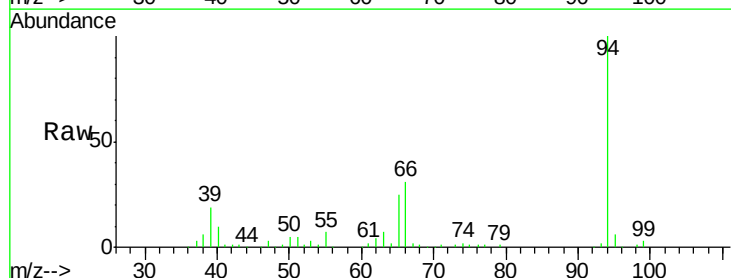
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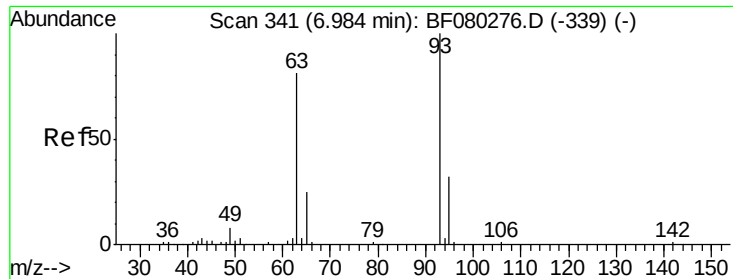
Delta R.T. 0.01 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	94	Resp:	148046
Ion	Ratio	Lower	Upper
94	100		
65	25.0	9.6	49.6
66	31.2	19.7	59.7





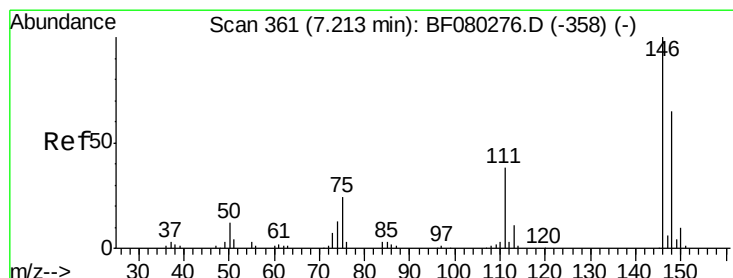
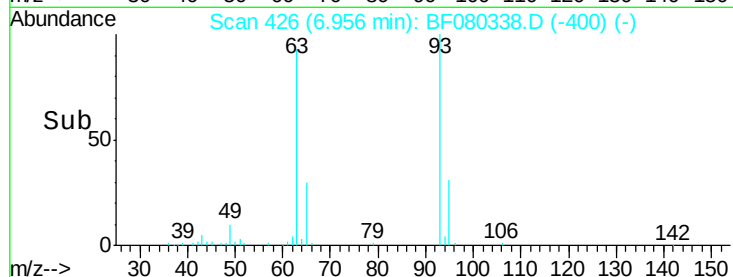
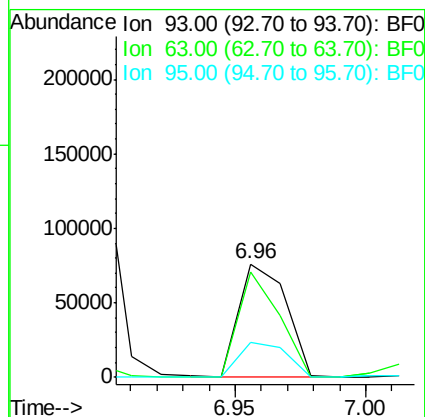
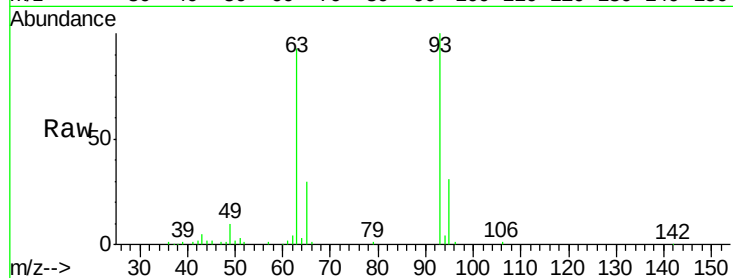
#11
bis(2-Chloroethyl)ether
Concen: 45.39 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.8	61.0	101.0
95	31.3	12.0	52.0

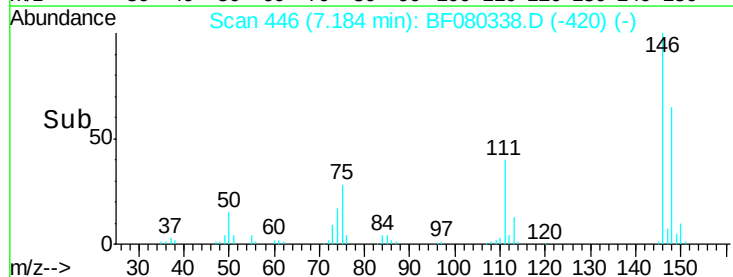
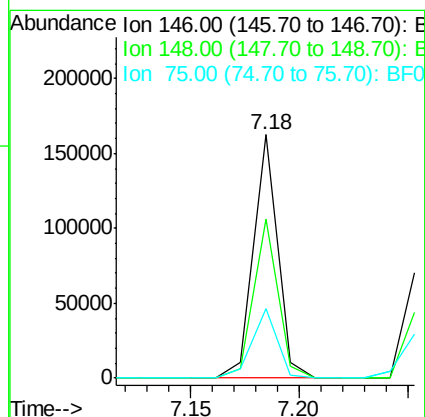
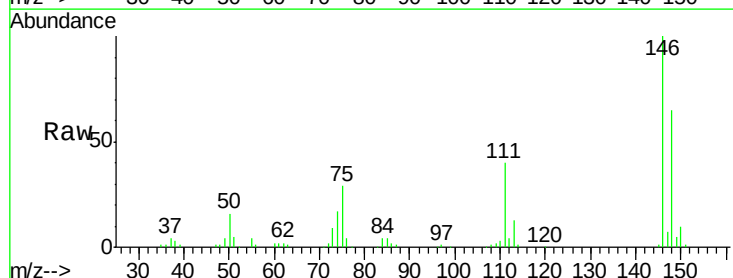
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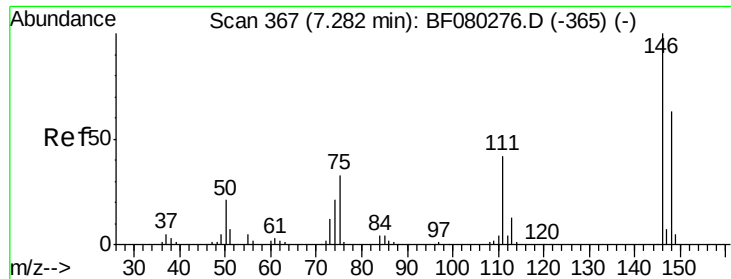
apatel
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#12
1,3-Dichlorobenzene
Concen: 50.09 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
75	28.7	19.4	29.2





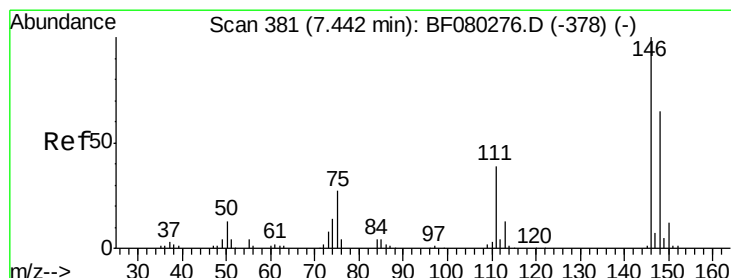
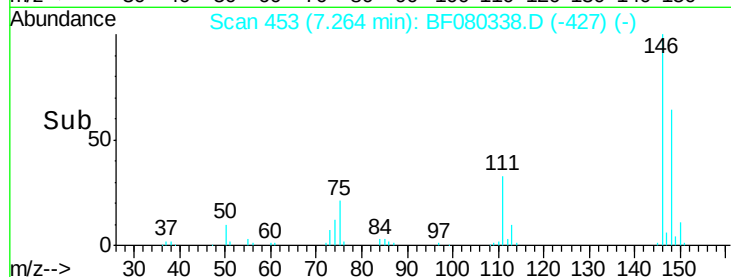
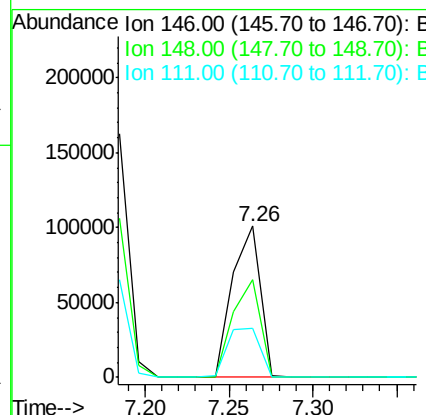
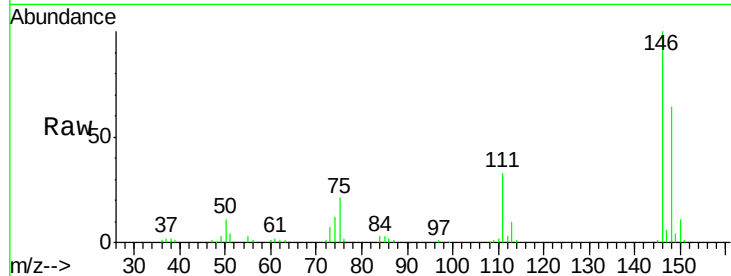
#13
 1,4-Dichlorobenzene
 Concen: 47.24 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.2
111	32.7	33.8	50.8#

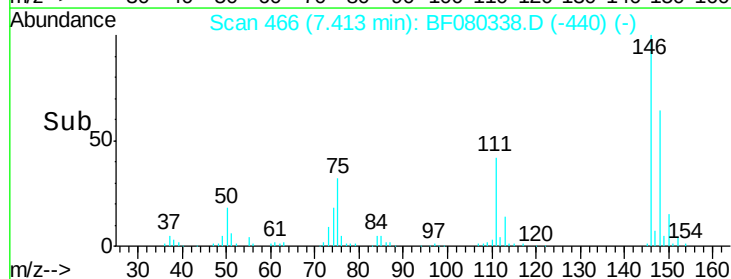
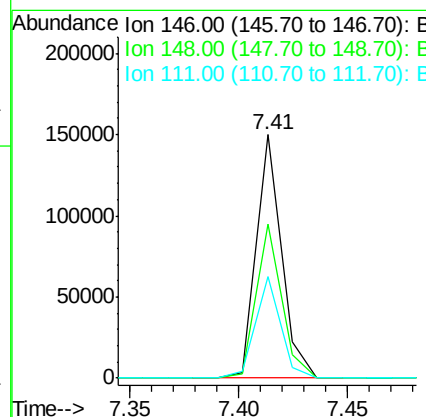
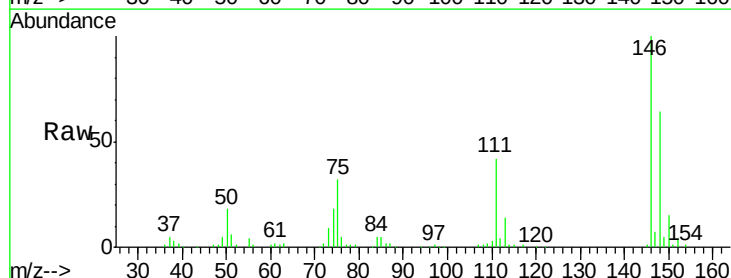
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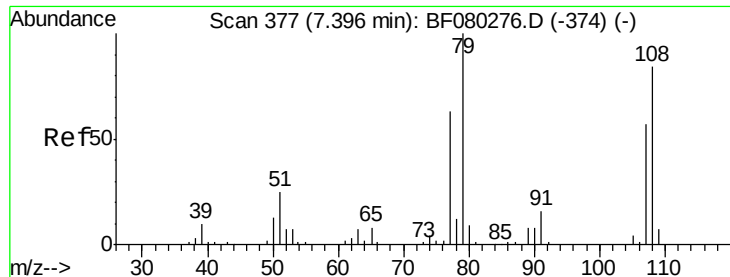
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#14
 1,2-Dichlorobenzene
 Concen: 48.45 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
111	41.9	31.6	47.4





#15

Benzyl Alcohol

Concen: 51.22 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

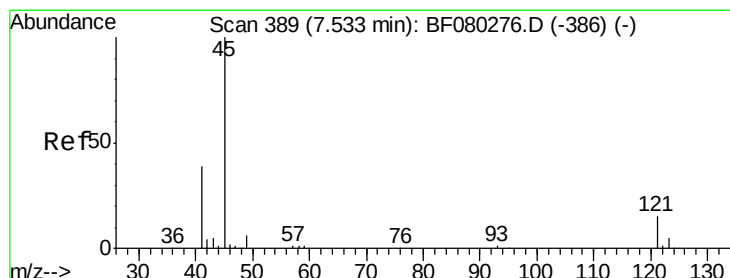
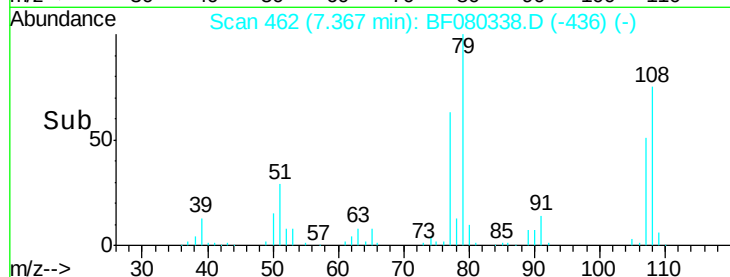
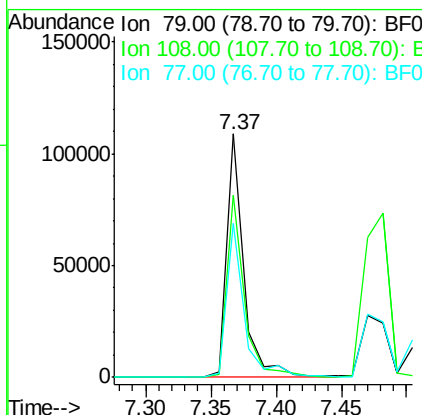
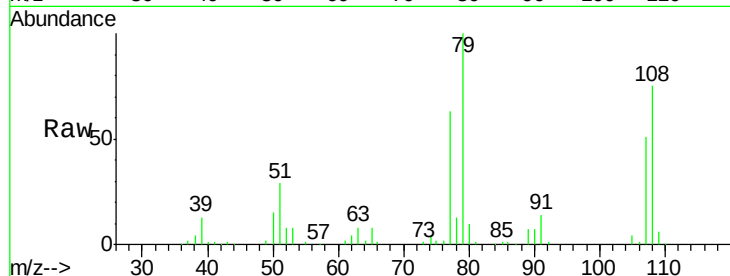
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	79	Resp:	99334
Ion	Ratio	Lower	Upper
79	100		
108	75.1	67.1	100.7
77	63.1	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.76 ng

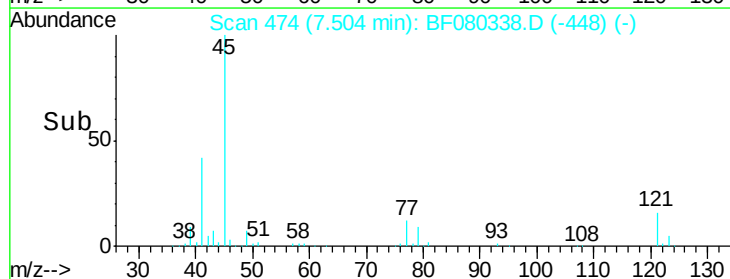
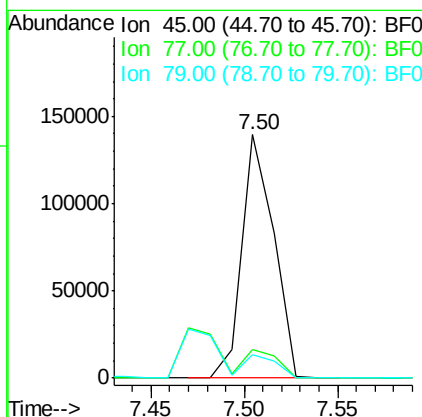
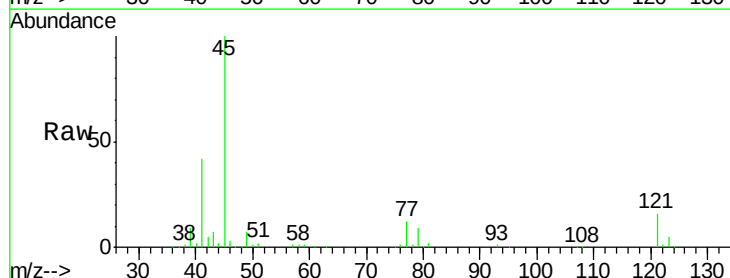
RT: 7.50 min Scan# 474

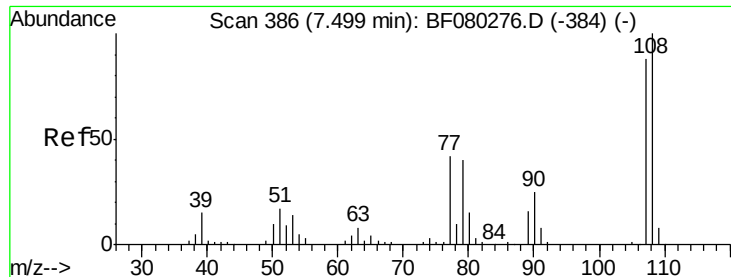
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	45	Resp:	164154
Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	32.0
79	9.5	0.0	29.3





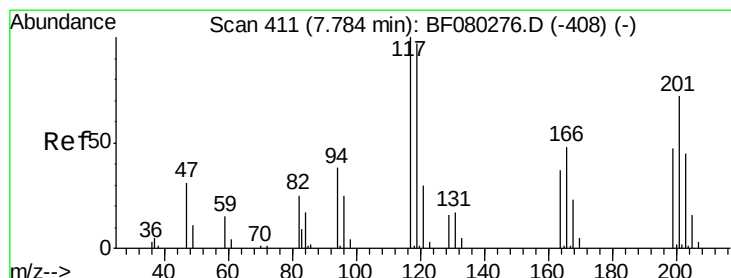
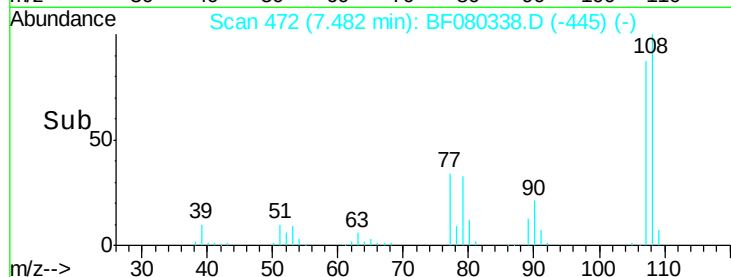
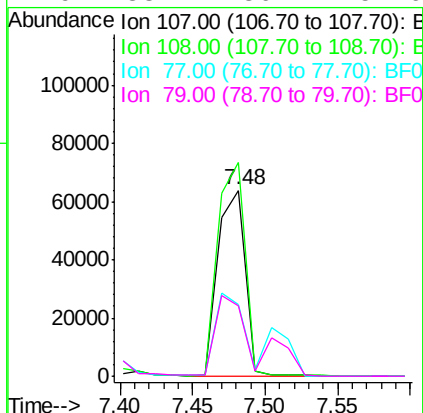
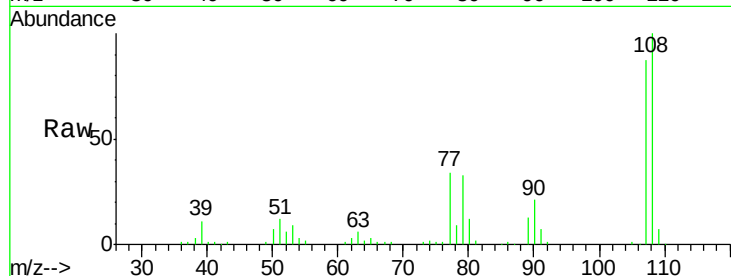
#17
2-Methylphenol
Concen: 46.85 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion:	107	Resp:	83493
Ion Ratio	Lower	Upper	
107	100		
108	115.0	90.6	136.0
77	38.9	38.0	57.0
79	38.2	36.4	54.6

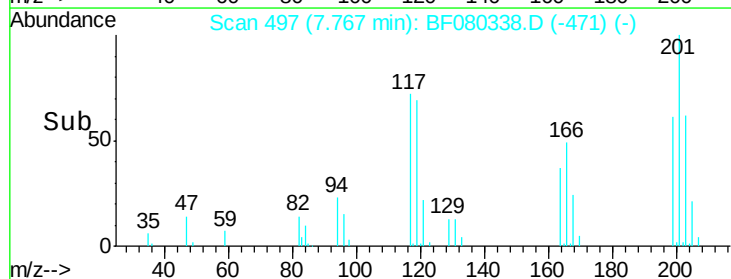
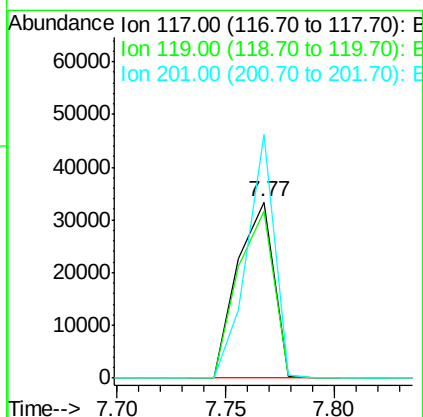
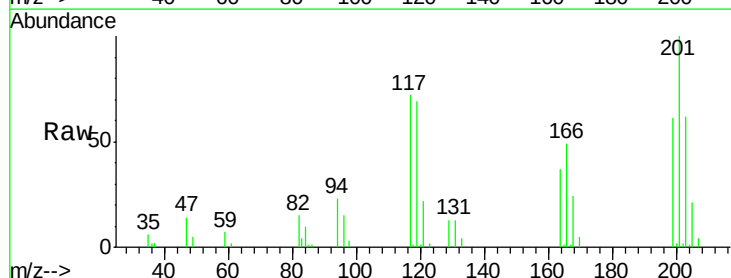
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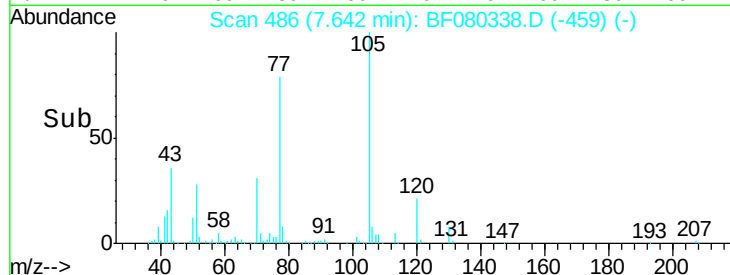
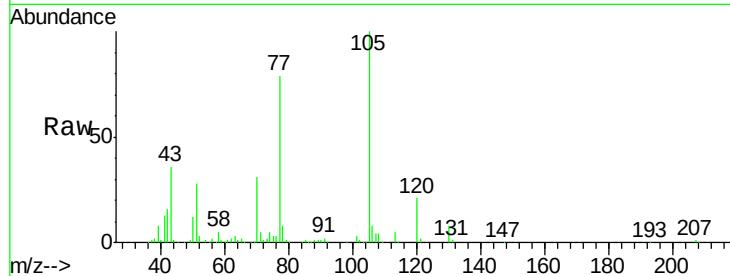
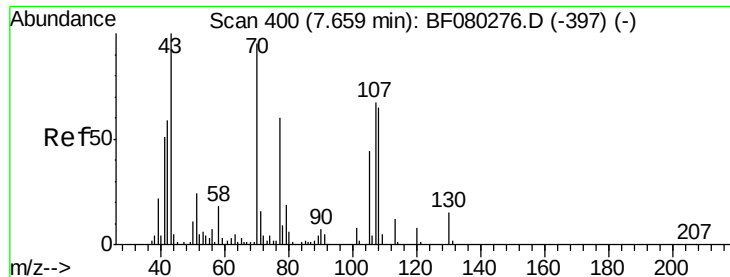
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#18
Hexachloroethane
Concen: 49.56 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion:	117	Resp:	38767
Ion Ratio	Lower	Upper	
117	100		
119	94.9	77.3	115.9
201	138.2	57.5	86.3#





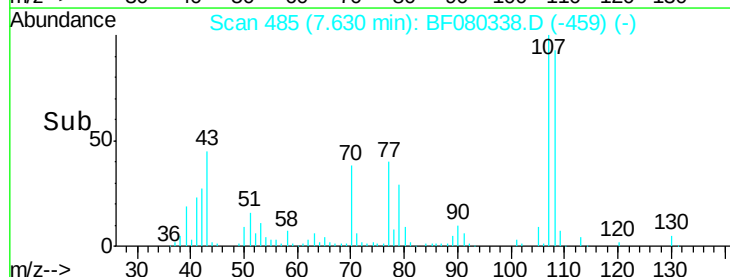
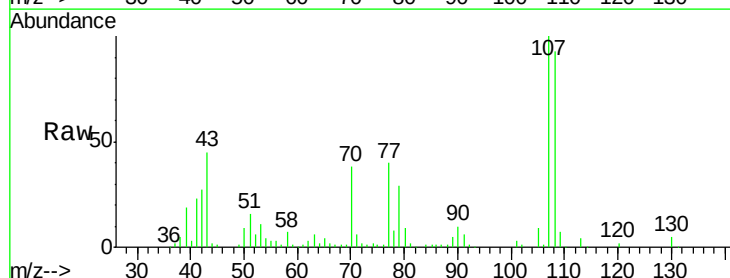
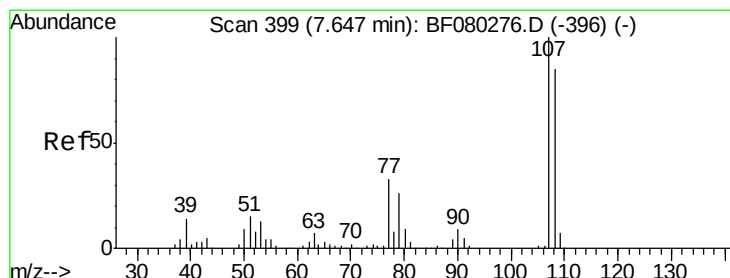
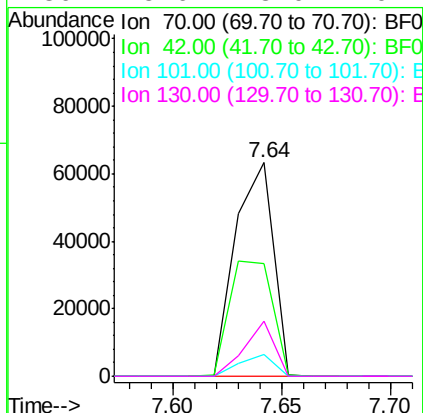
#19
n-Nitroso-di-n-propylamine
Concen: 45.85 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Manual Integrations
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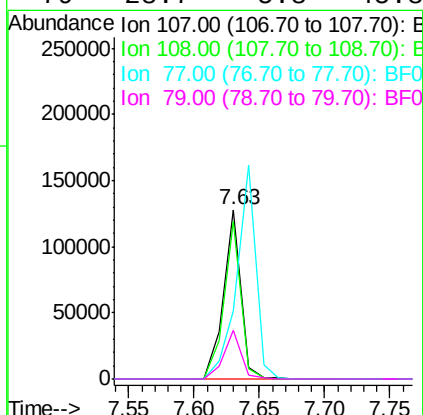
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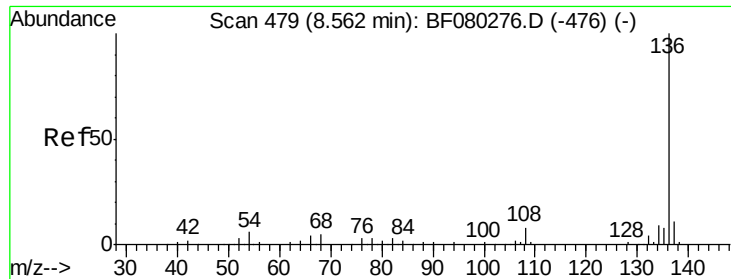
Tgt Ion	Ratio	Lower	Upper
70	100		
42	52.6	49.8	74.8
101	10.0	6.8	10.2
130	25.6	13.0	19.4



#20
3+4-Methylphenols
Concen: 50.72 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	64.9	104.9
77	40.4	12.9	52.9
79	28.7	5.8	45.8





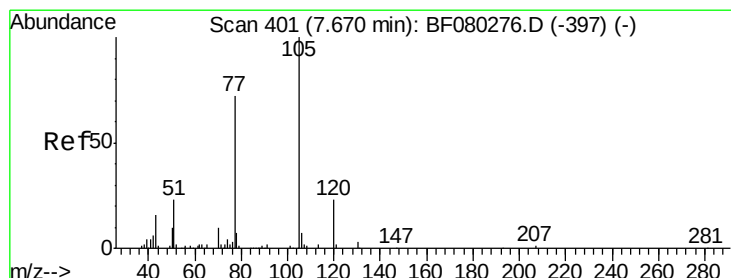
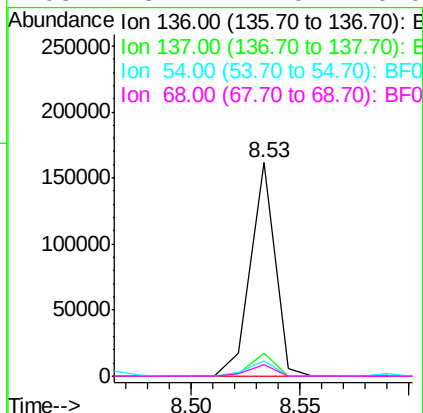
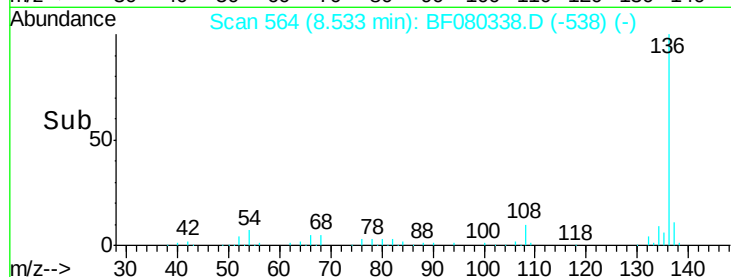
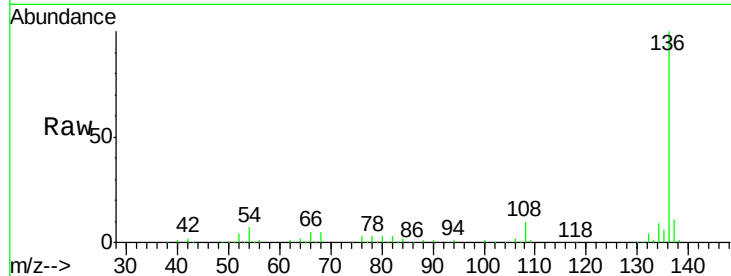
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	126535		
137	11.0	8.4	12.6	
54	7.3	4.9	7.3	
68	5.4	4.0	6.0	

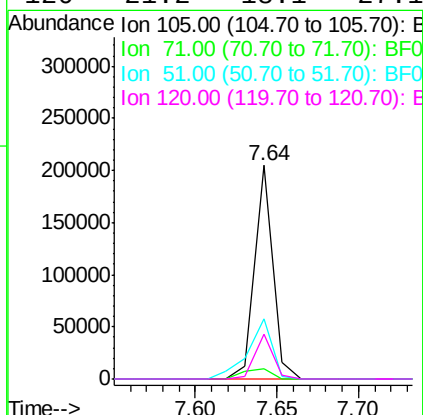
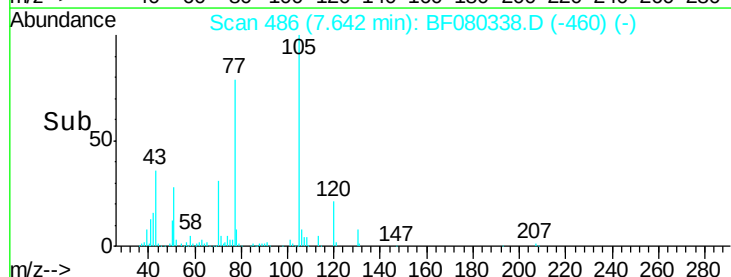
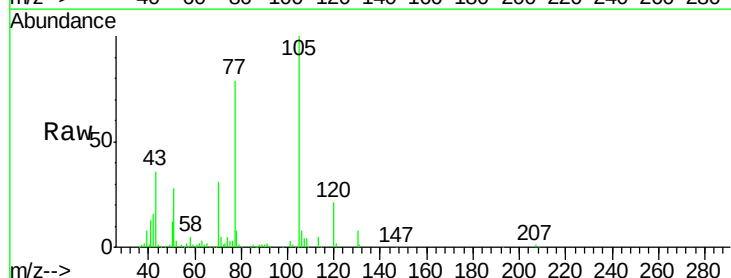
Manual Integrations
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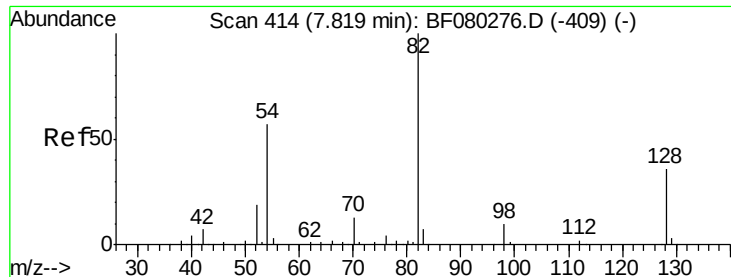
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#22
Acetophenone
Concen: 54.13 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	160028		
71	5.1	1.4	2.0#	
51	28.3	18.5	27.7#	
120	21.2	18.1	27.1	





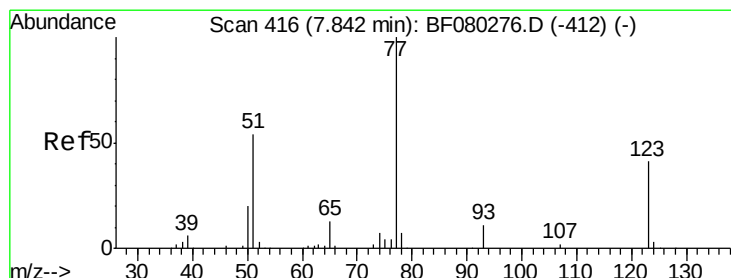
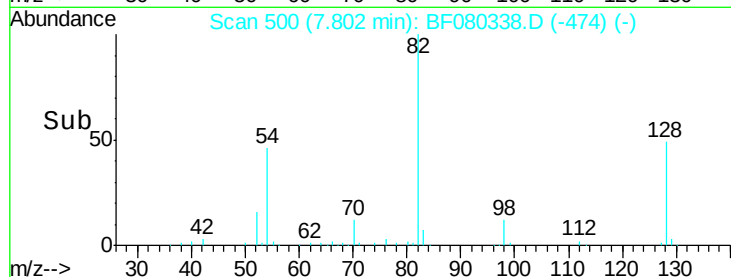
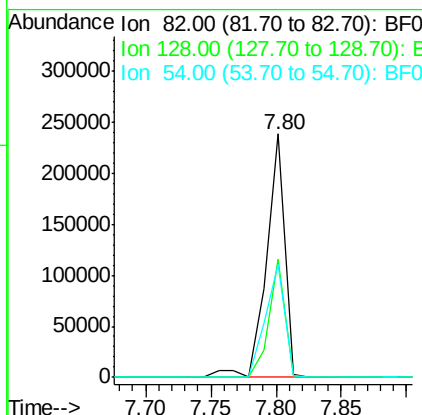
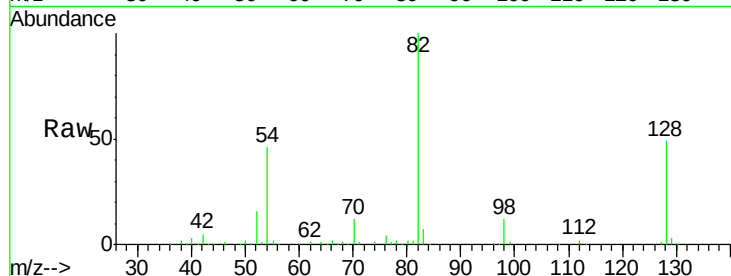
#23
 Nitrobenzene-d5
 Concen: 102.24 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	234958		
128	48.8	29.0	43.4#	
54	46.4	45.3	67.9	

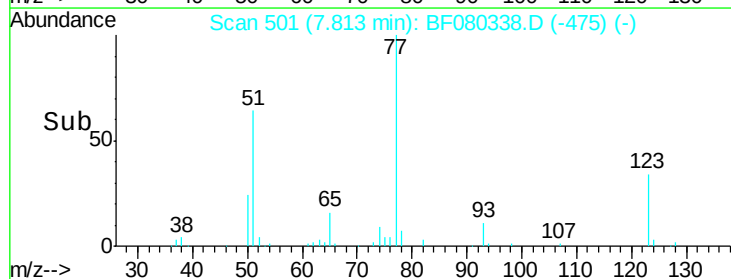
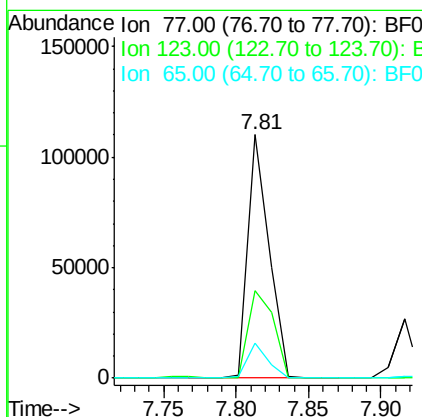
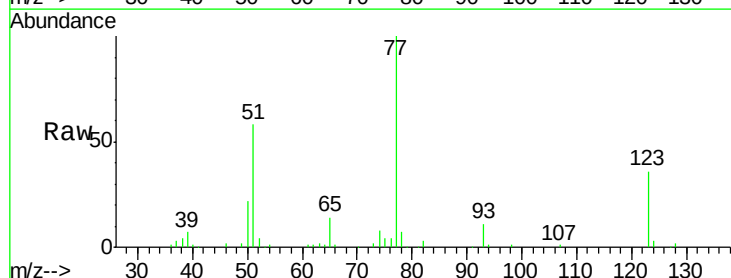
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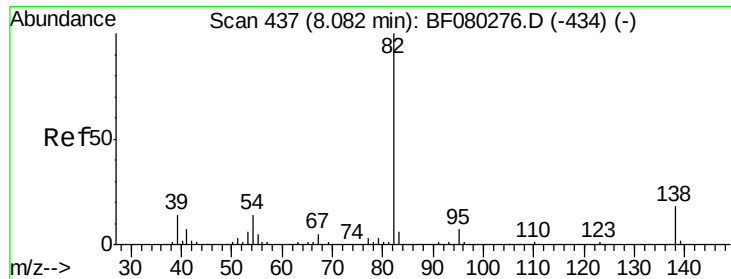
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#24
 Nitrobenzene
 Concen: 46.83 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	111602		
123	36.1	33.0	49.6	
65	14.2	10.6	15.8	





#25

Isophorone

Concen: 48.76 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

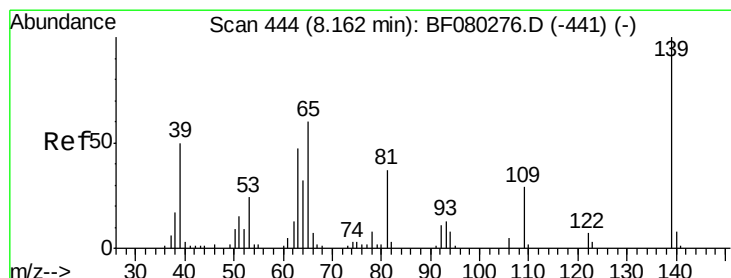
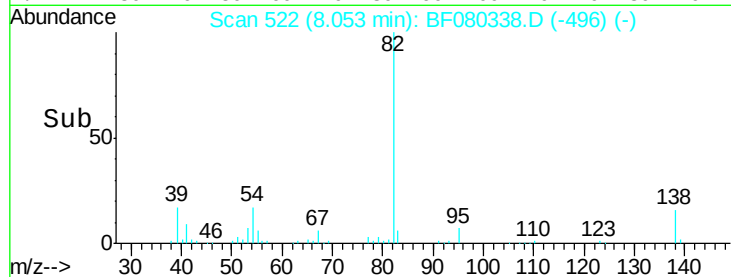
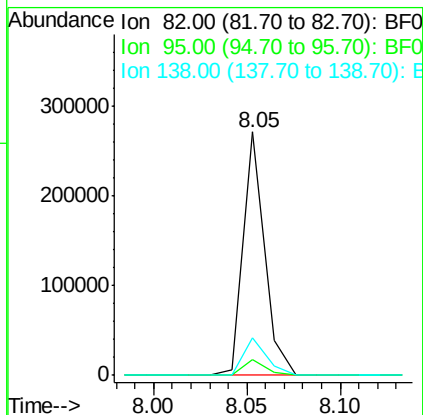
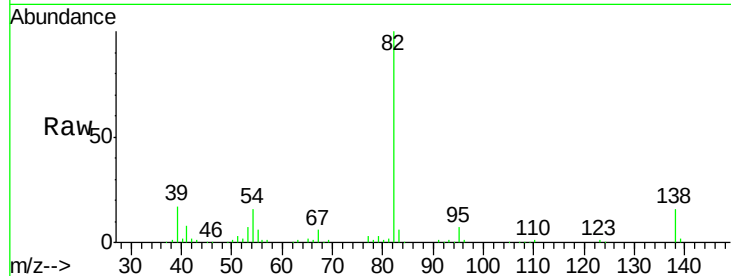
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	82	Resp:	217794
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	15.6	14.4	21.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.89 ng

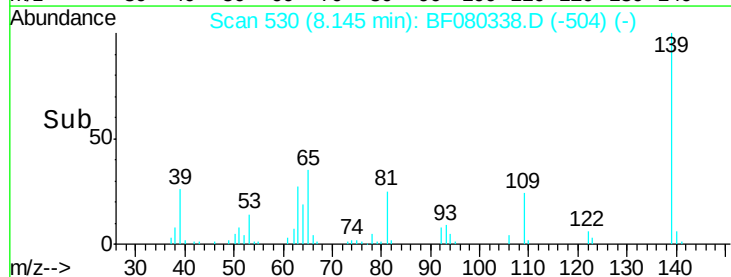
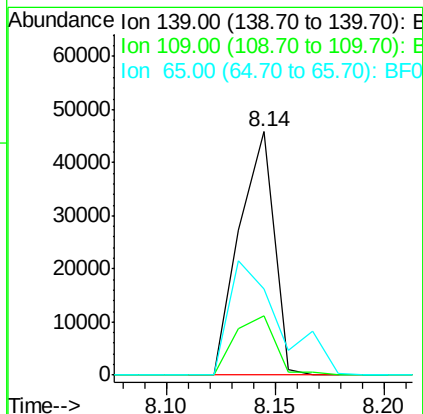
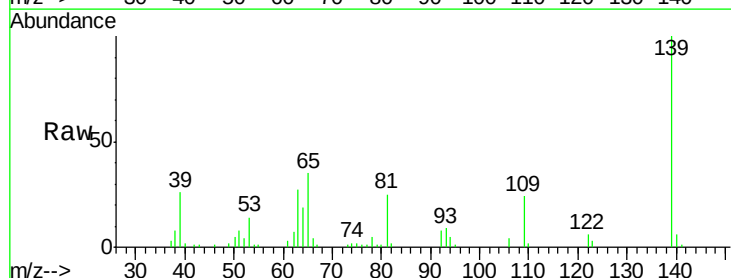
RT: 8.14 min Scan# 530

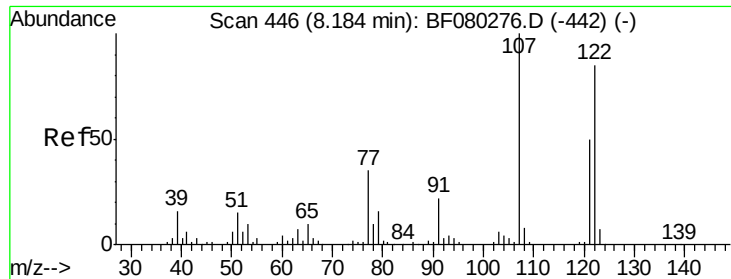
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	139	Resp:	50880
Ion Ratio		Lower	Upper
139	100		
109	24.1	23.1	34.7
65	35.4	47.6	71.4





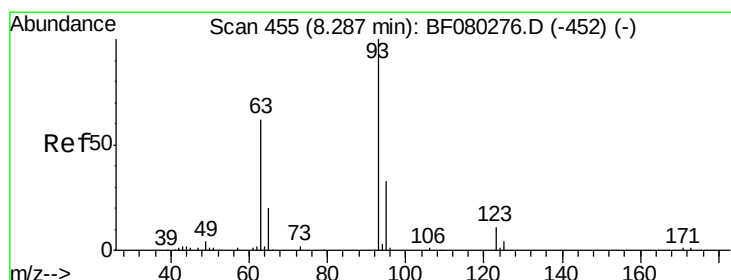
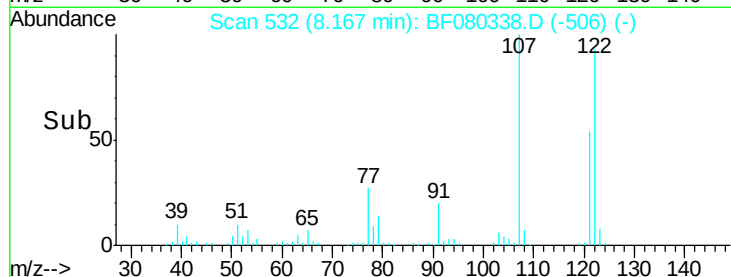
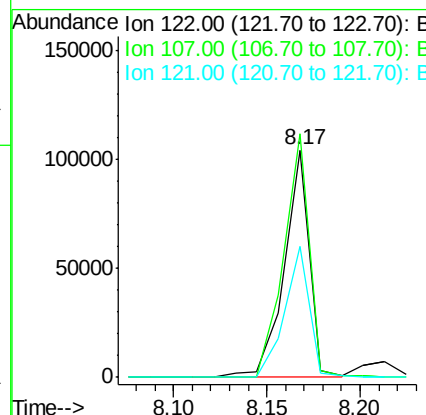
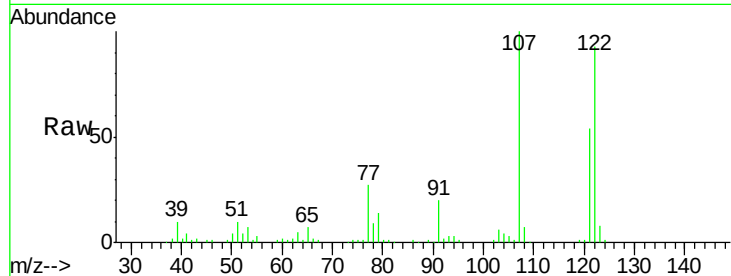
#27
 2,4-Dimethylphenol
 Concen: 51.25 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	97904		
107	107.1	93.7	140.5	
121	57.7	46.9	70.3	

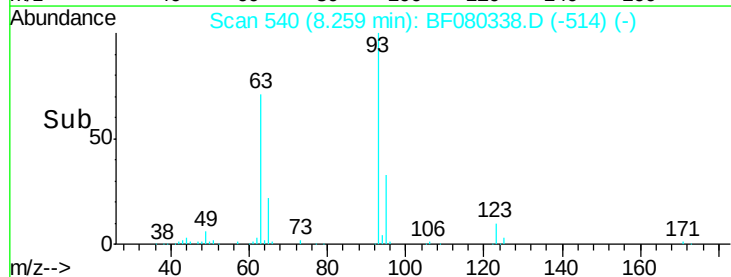
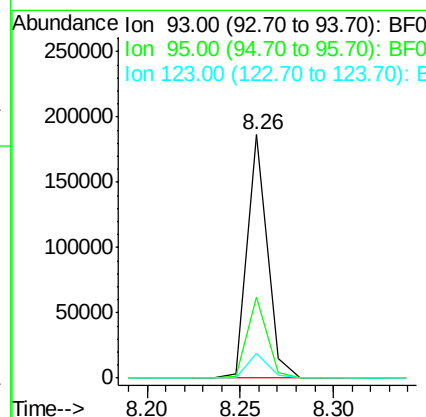
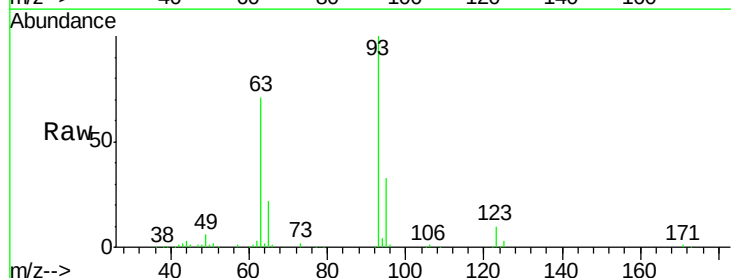
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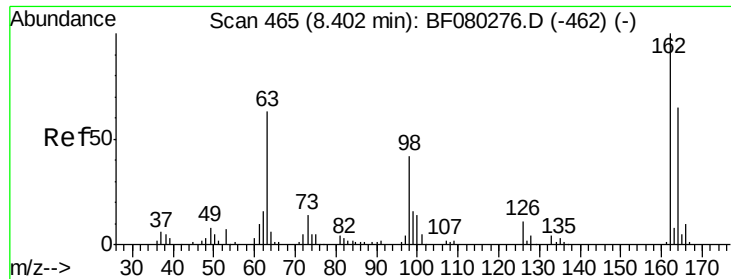
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#28
 bis(2-Chloroethoxy)methane
 Concen: 52.47 ng
 RT: 8.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	140657		
95	33.2	26.6	39.8	
123	10.1	9.2	13.8	





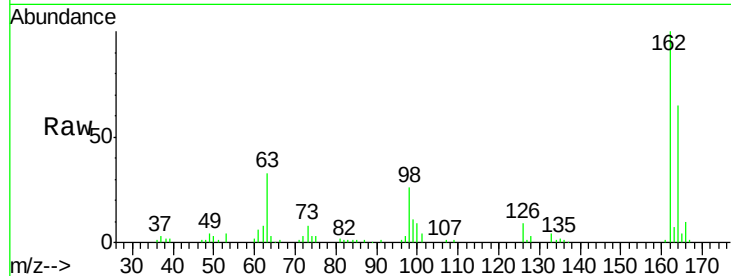
#29
2,4-Dichlorophenol
Concen: 51.93 ng
RT: 8.38 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

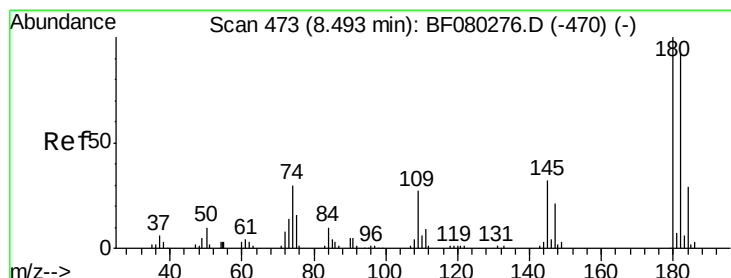
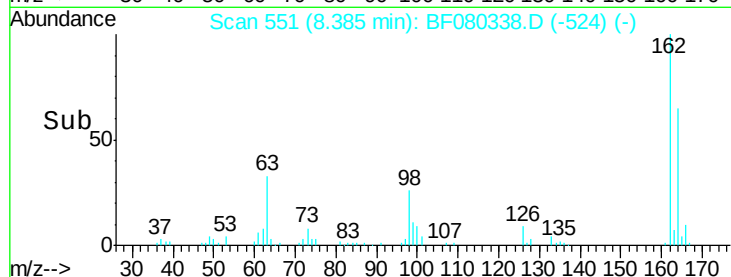
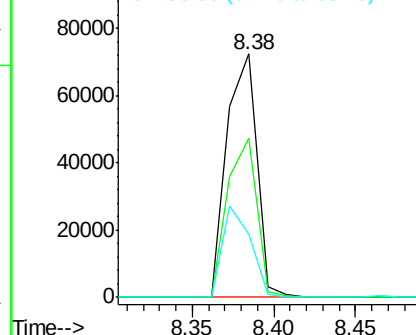
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	91634		
164	65.3	44.6	84.6	
98	25.9	21.7	61.7	

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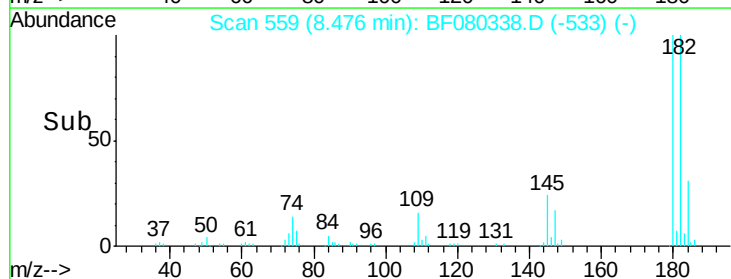
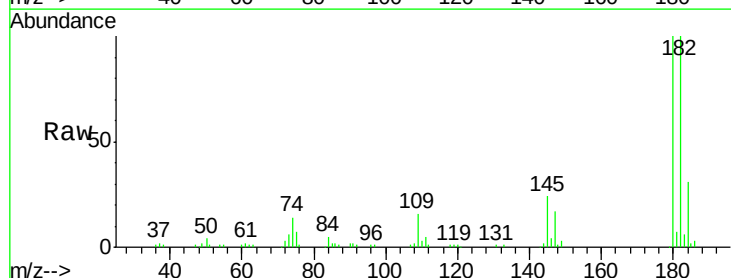
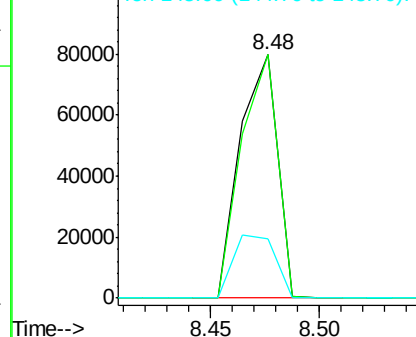
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

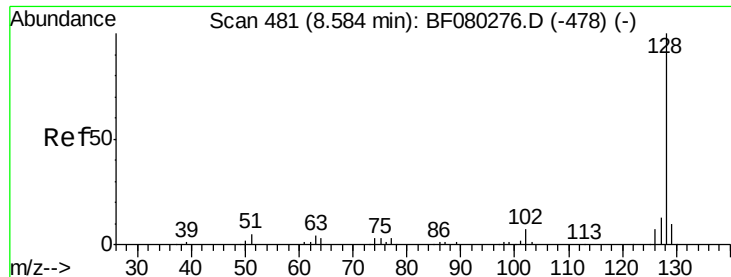


#30
1,2,4-Trichlorobenzene
Concen: 46.13 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94952		
182	100.1	73.8	110.6	
145	24.5	25.6	38.4	

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





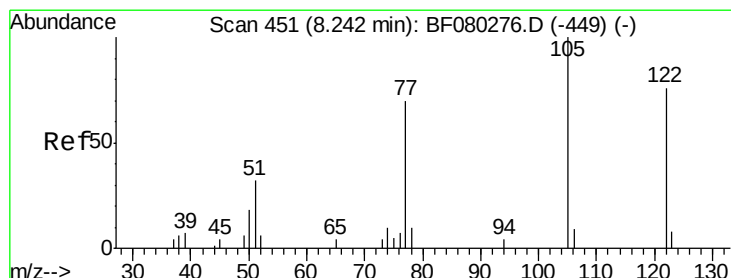
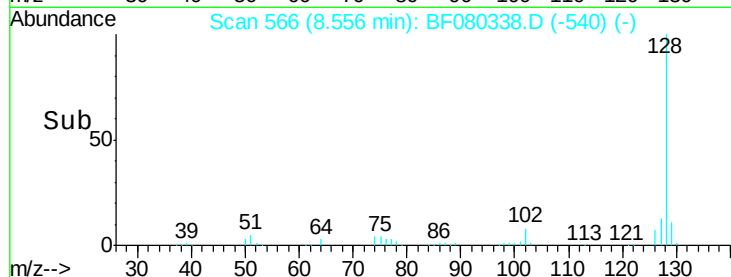
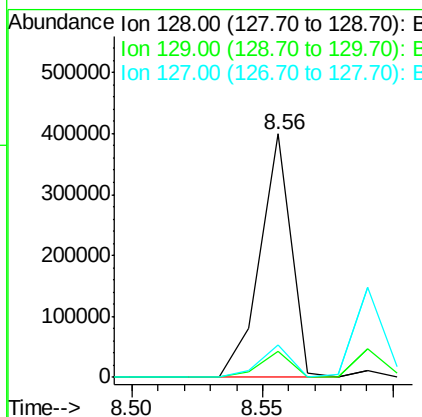
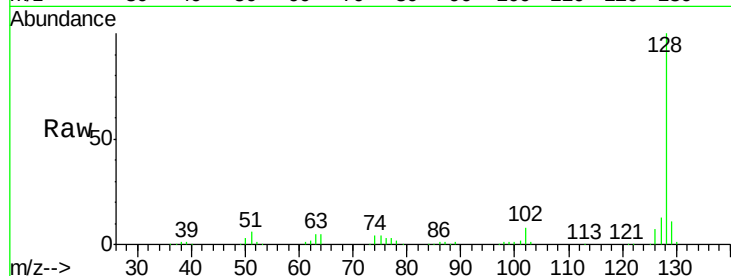
#31
Naphthalene
Concen: 51.80 ng
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	333874		
129	10.8	8.2	12.4	
127	13.3	10.4	15.6	

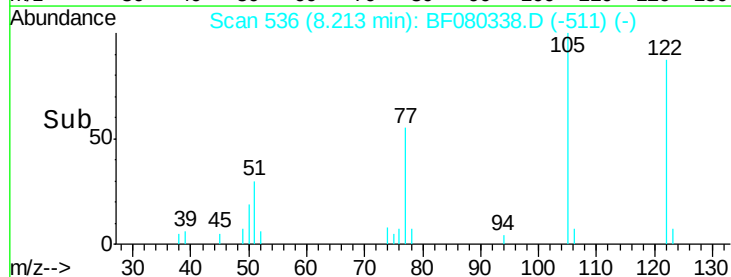
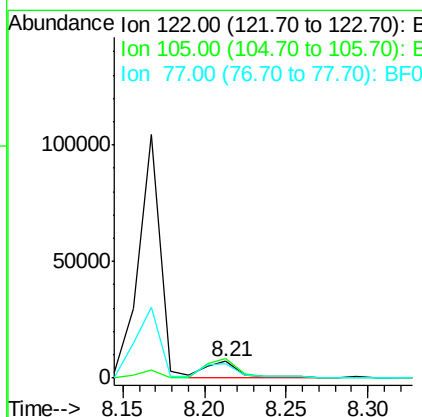
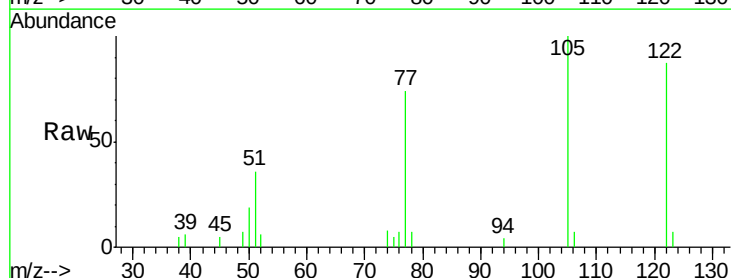
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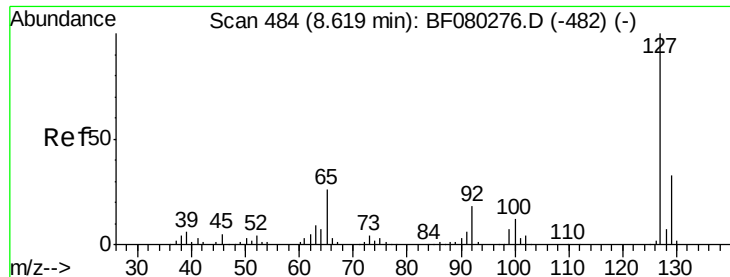
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#32
Benzoic acid
Concen: 25.40 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	11102		
105	115.4	103.3	143.3	
77	85.0	71.5	111.5	





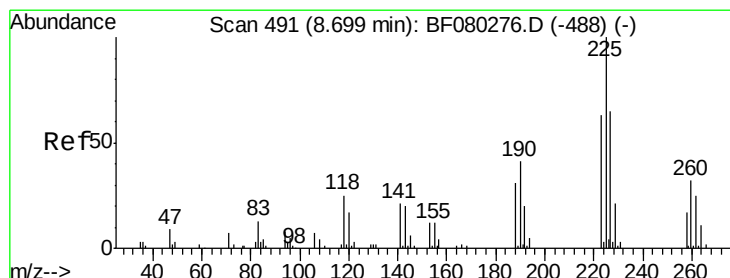
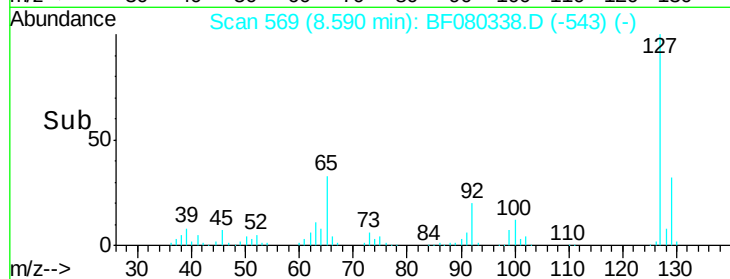
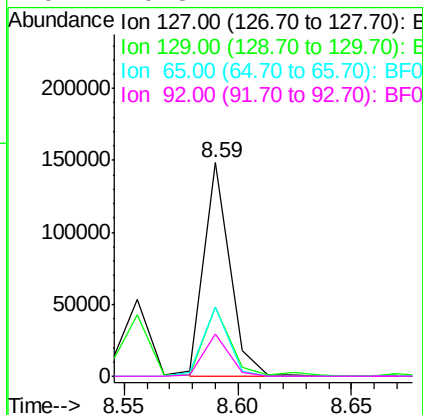
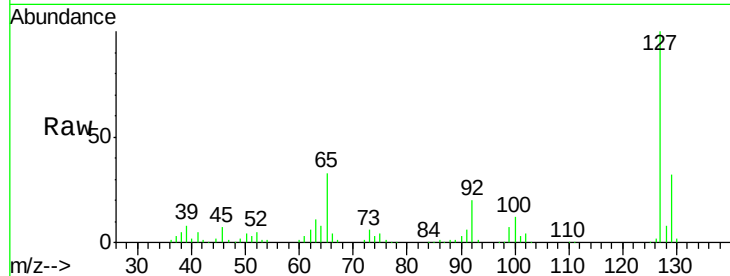
#33
4-Chloroaniline
Concen: 42.27 ng m
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	115596		
129	32.2	26.4	39.6	
65	32.6	21.0	31.6	
92	19.8	14.1	21.1	

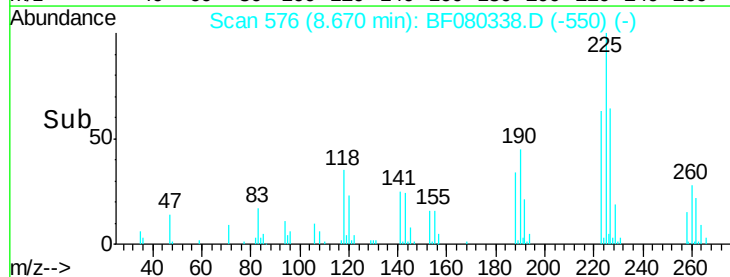
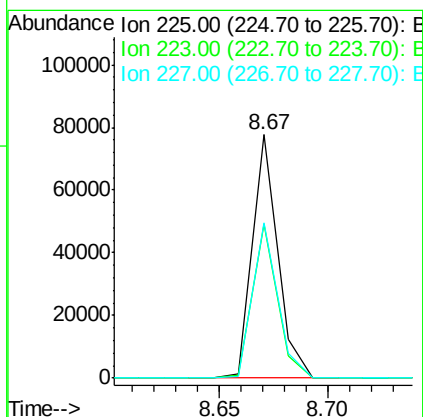
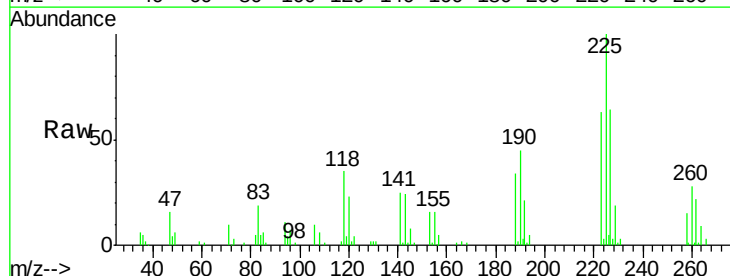
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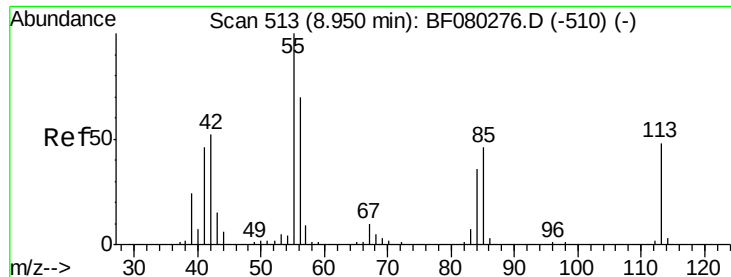
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#34
Hexachlorobutadiene
Concen: 48.22 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62524		
223	63.0	50.5	75.7	
227	63.6	51.8	77.8	





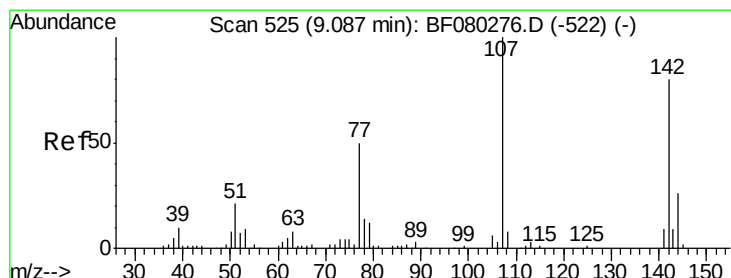
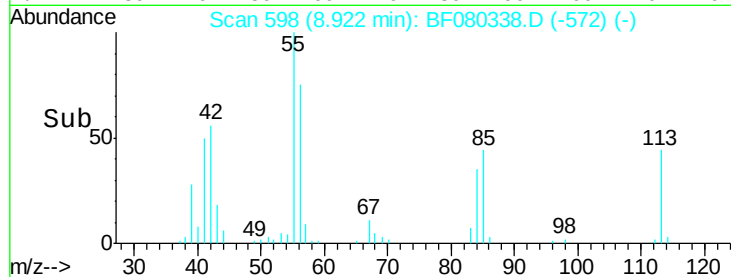
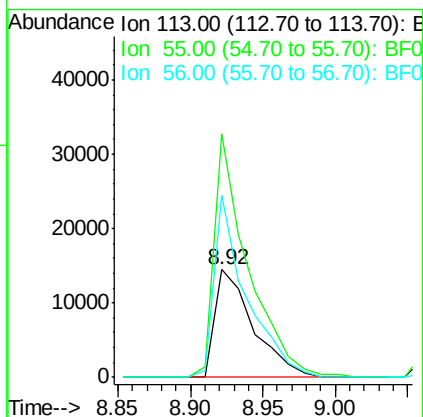
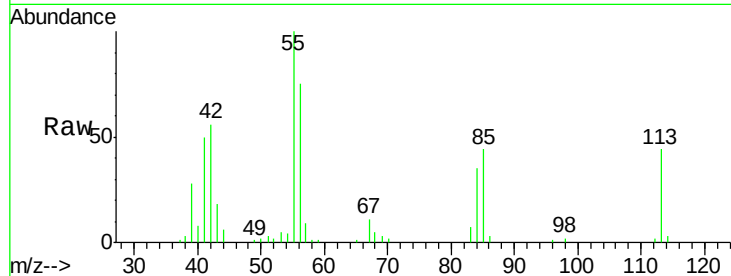
#35
 Caprolactam
 Concen: 49.35 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	226.4	189.7	229.7
56	168.9	127.2	167.2

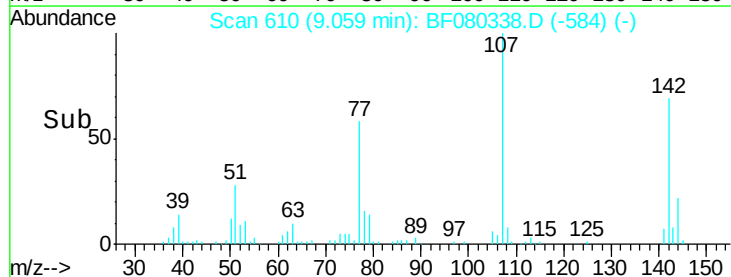
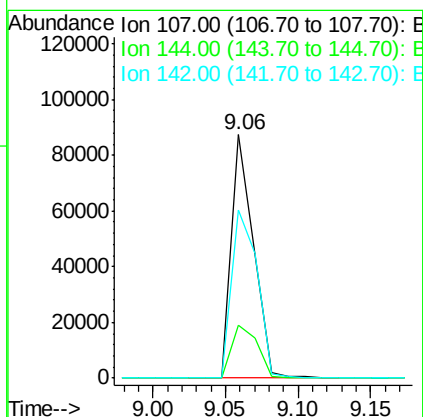
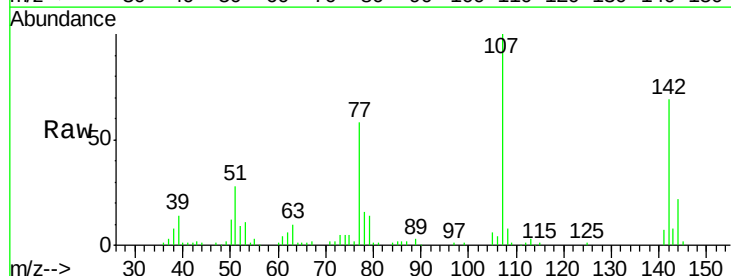
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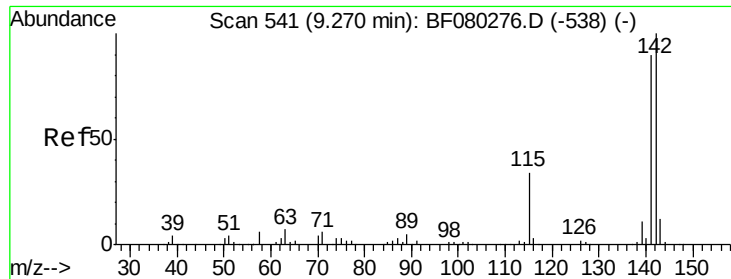
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#36
 4-Chloro-3-methylphenol
 Concen: 48.61 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.4	30.6
142	69.3	63.8	95.6





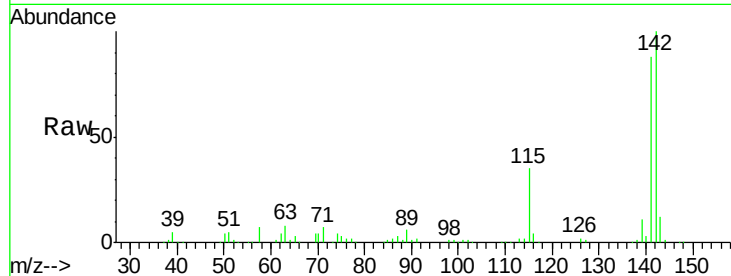
#37
 2-Methylnaphthalene
 Concen: 48.49 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

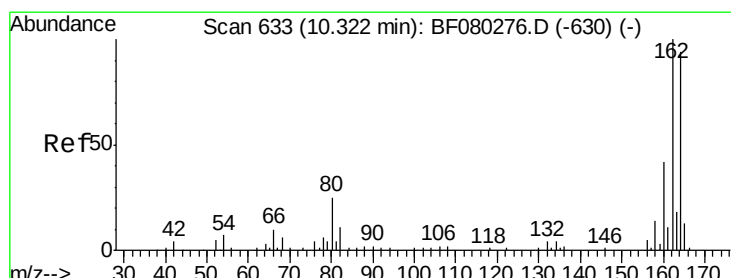
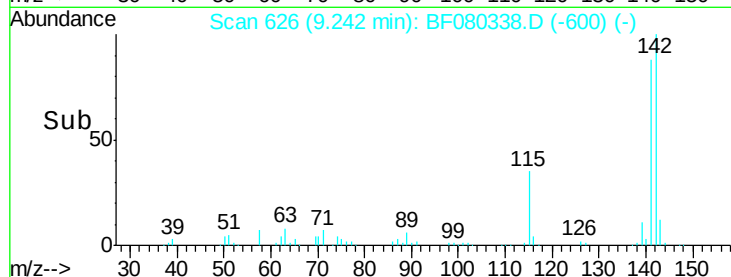
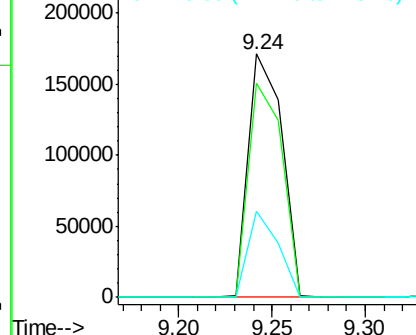
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	214033		
141	87.8	71.8	107.6	
115	35.4	27.4	41.2	

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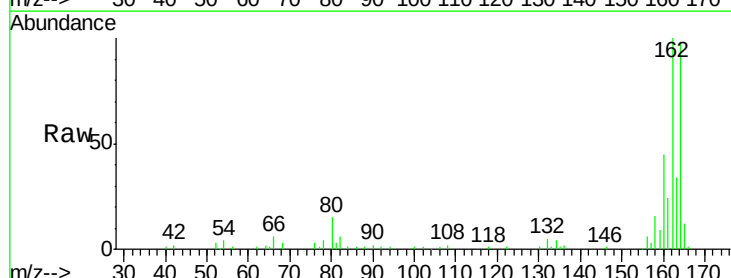


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

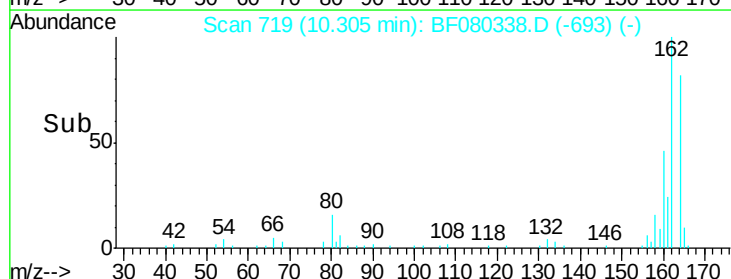
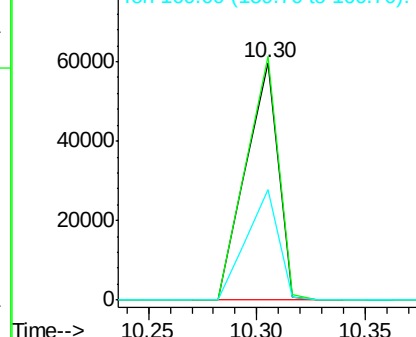


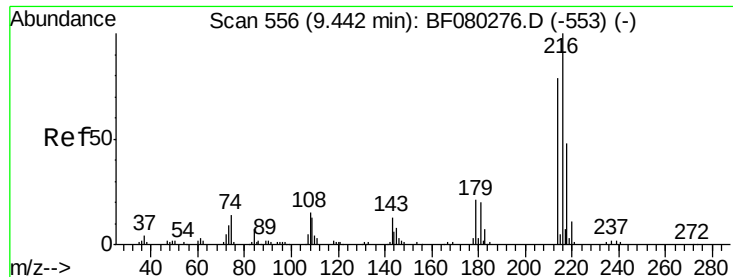
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61757		
162	102.5	84.8	127.2	
160	46.4	35.8	53.8	



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: 47.64 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

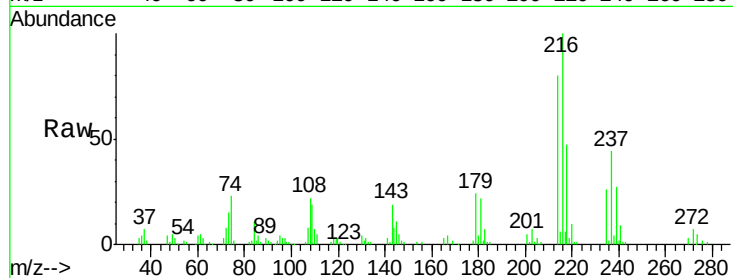
ClientSampleId :

BOTTOMNW-2-070115MSD

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Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	21.6	16.8	25.2
108	21.3	13.8	20.8

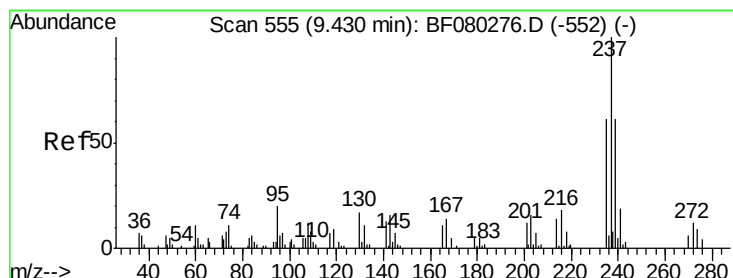
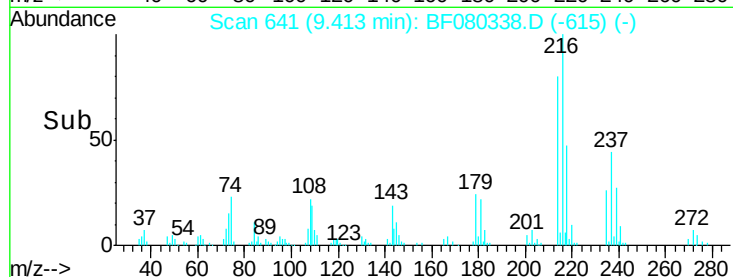
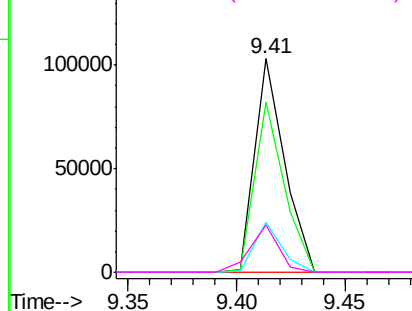
Abundance

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: 96.32 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

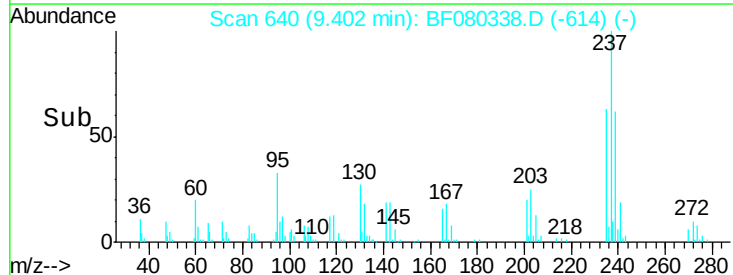
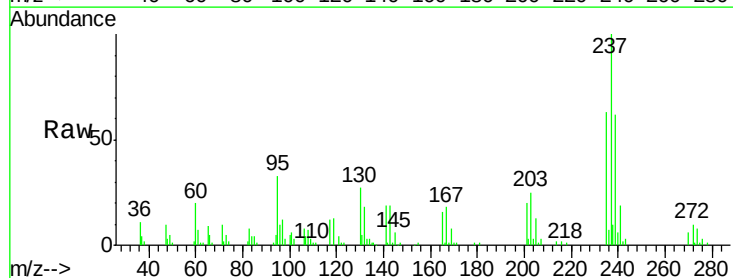
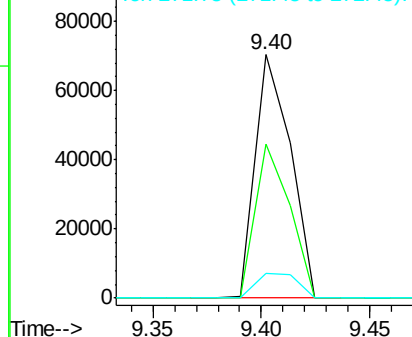
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.4	41.3	81.3
272	10.0	0.0	31.8

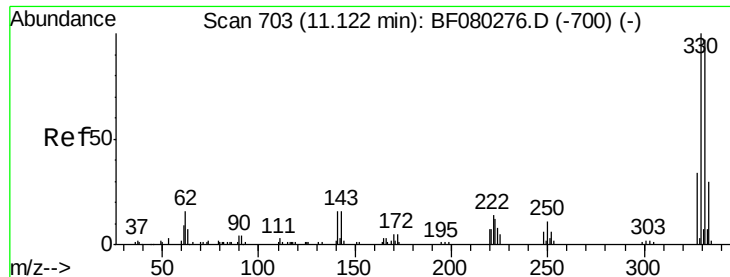
Abundance

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





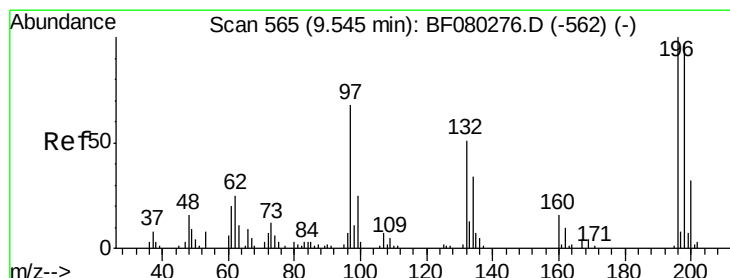
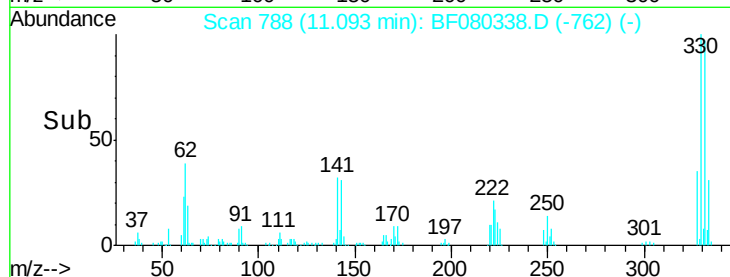
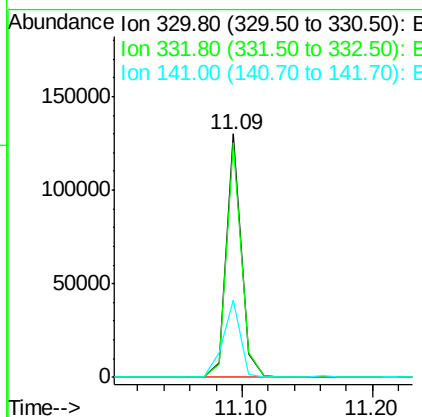
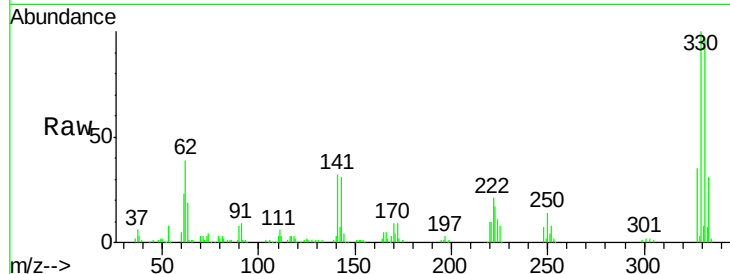
#41
 2,4,6-Tribromophenol
 Concen: 177.45 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	104349		
332	97.2	77.4	116.2	
141	37.3	28.0	42.0	

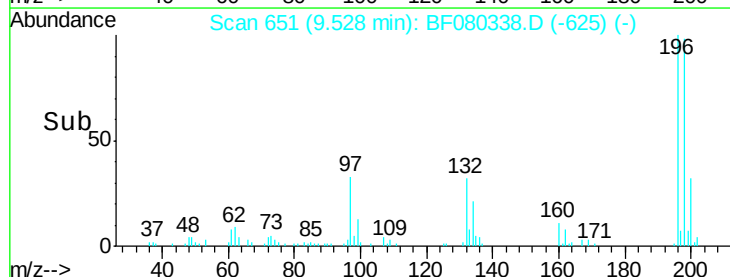
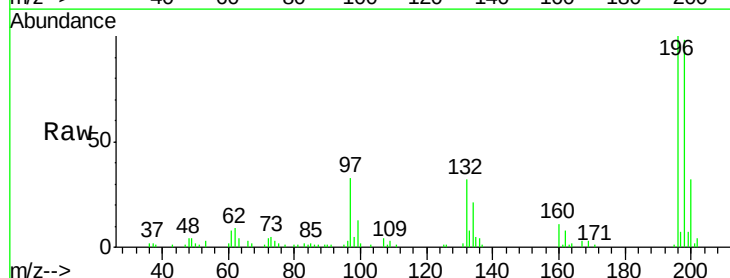
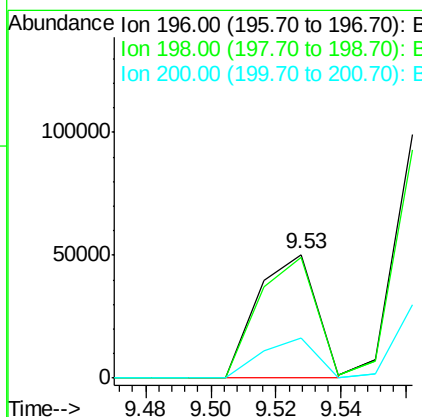
Manual Integrations
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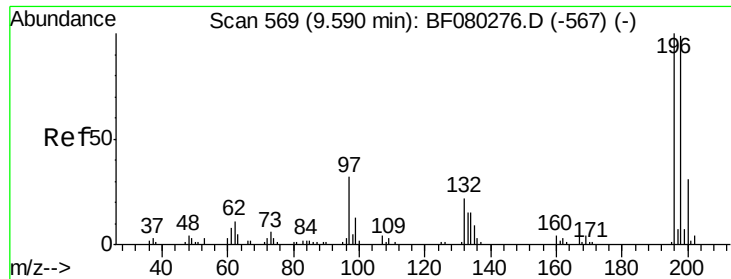
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#42
 2,4,6-Trichlorophenol
 Concen: 48.05 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	62510		
198	97.6	77.7	116.5	
200	32.2	25.6	38.4	





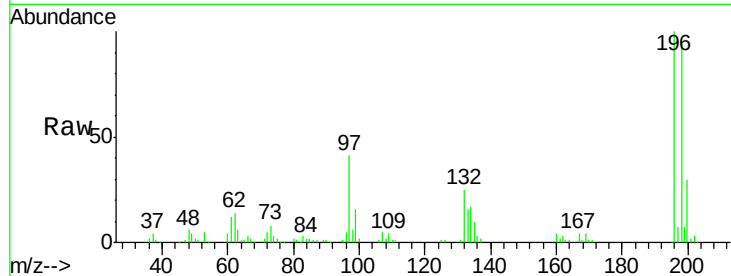
#43
 2,4,5-Trichlorophenol
 Concen: 56.47 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

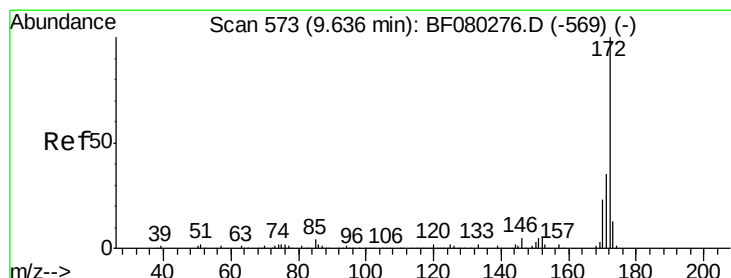
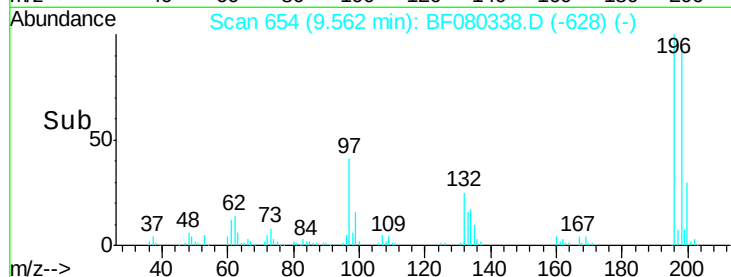
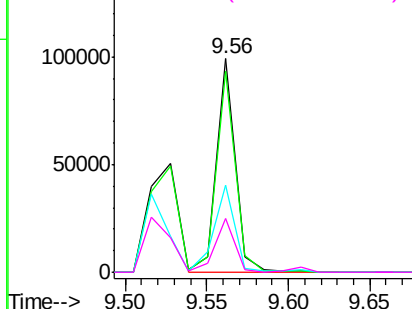
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79151		
198	94.0	79.4	119.2	
97	40.9	25.9	38.9#	
132	25.0	17.3	25.9	

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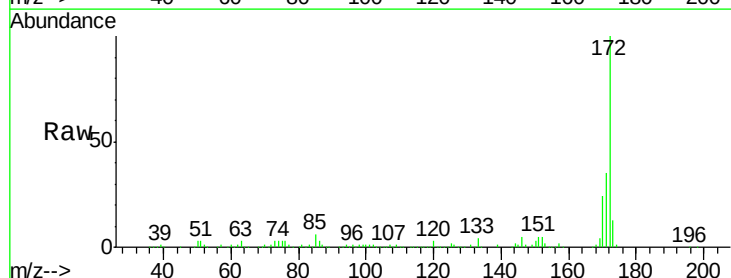


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

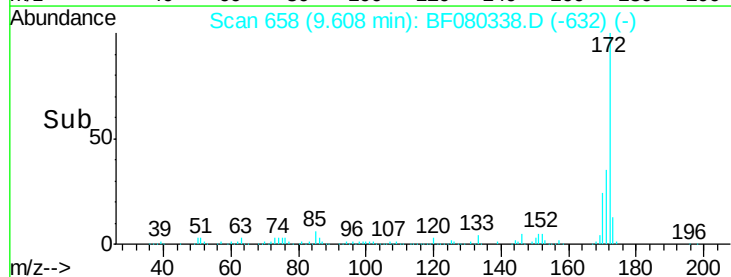
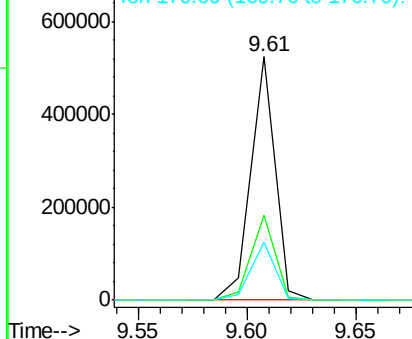


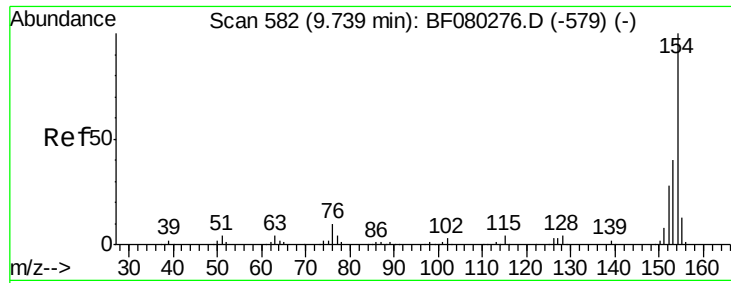
#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	406551		
171	34.9	28.1	42.1	
170	24.0	18.6	28.0	



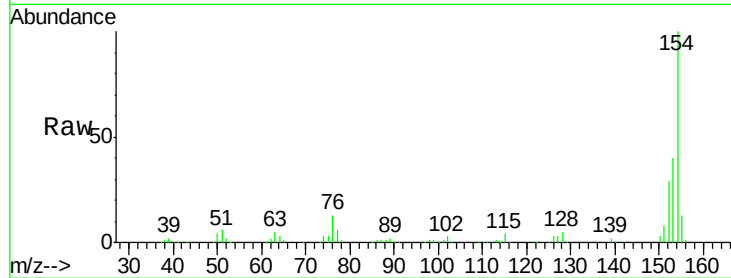
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45
 1,1'-Biphenyl
 Concen: 55.53 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

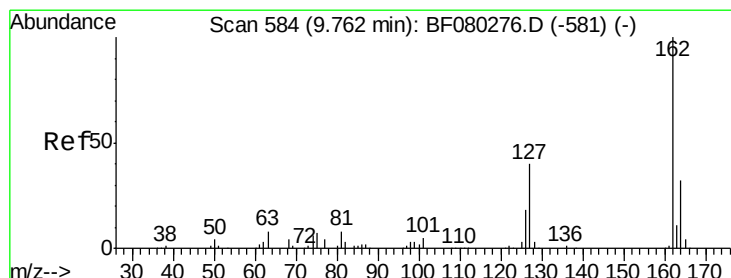
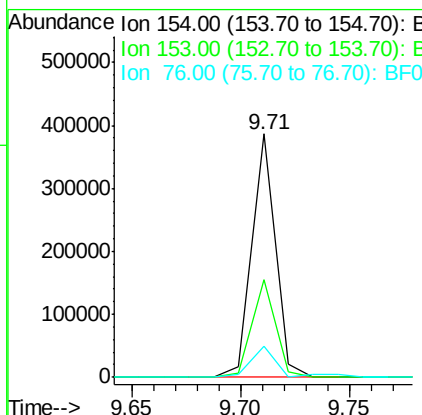
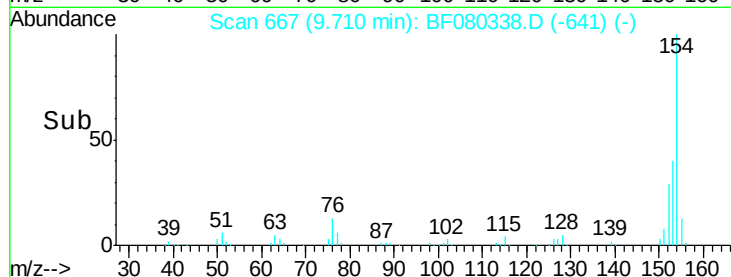
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	291622		
153	40.1	20.3	60.3	
76	12.7	0.0	30.3	

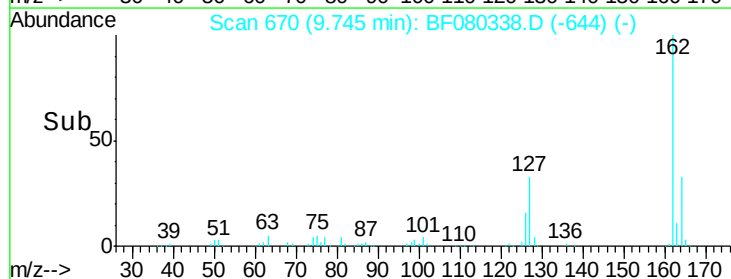
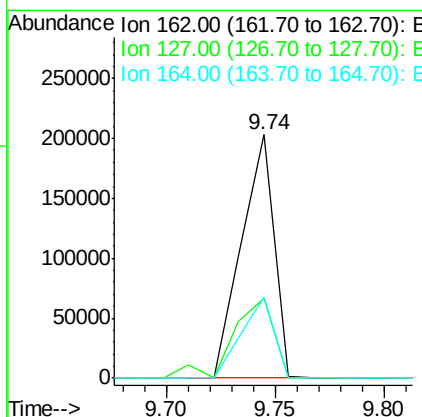
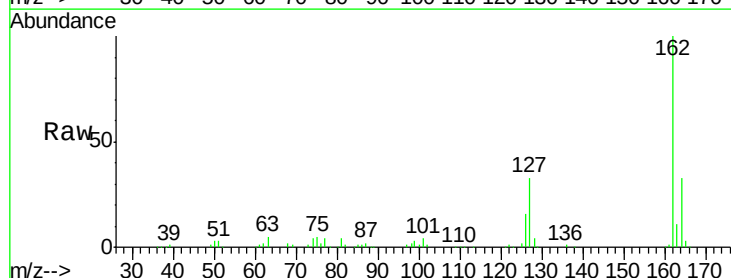
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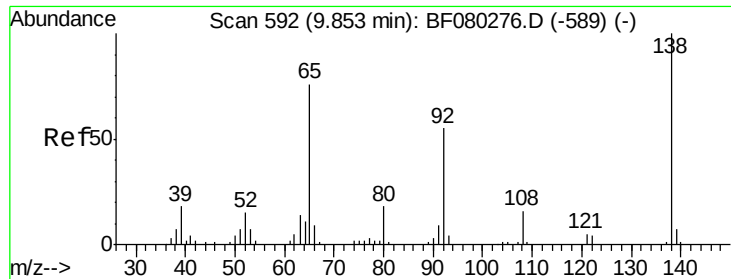
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#46
 2-Chloronaphthalene
 Concen: 51.72 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	210267		
127	32.9	33.4	50.0#	
164	33.5	25.3	37.9	





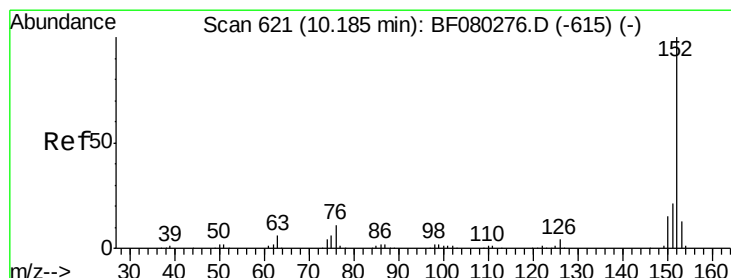
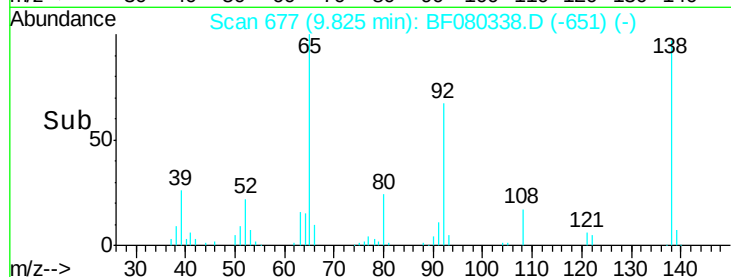
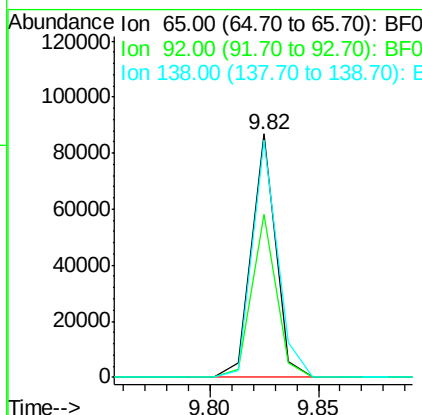
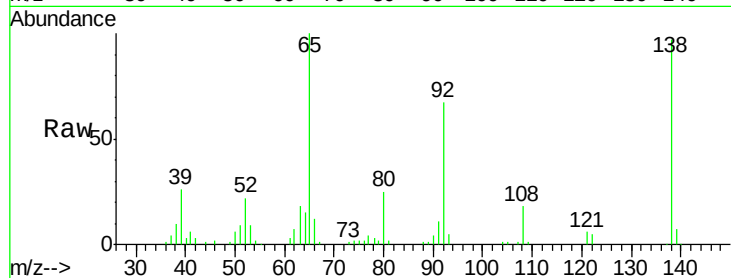
#47
2-Nitroaniline
Concen: 57.43 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	58.0	87.0
138	97.2	104.8	157.2#

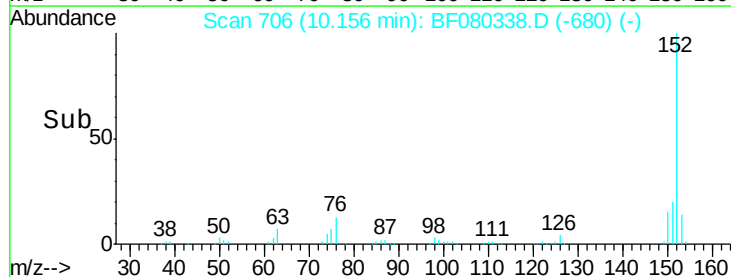
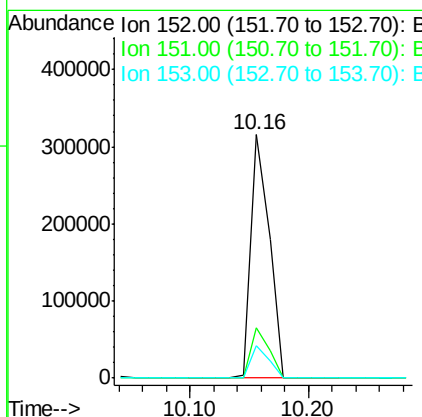
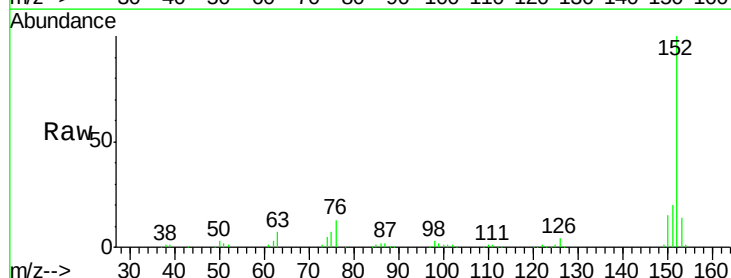
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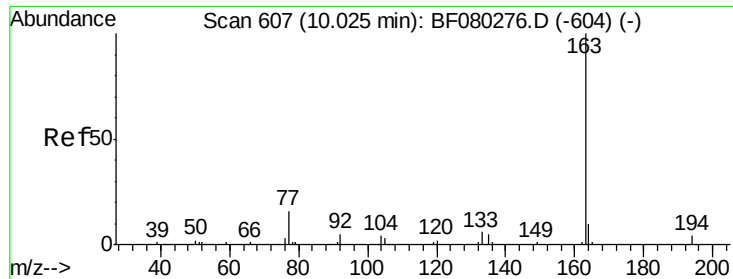
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#48
Acenaphthylene
Concen: 48.81 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1
153	13.6	10.7	16.1





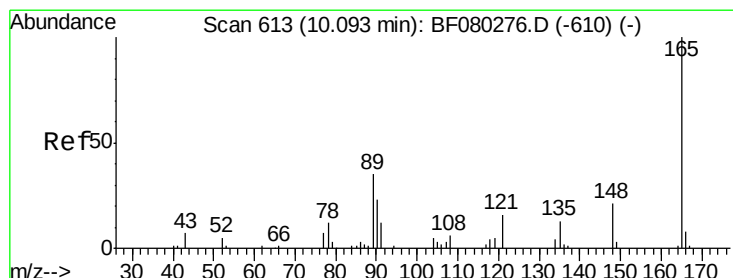
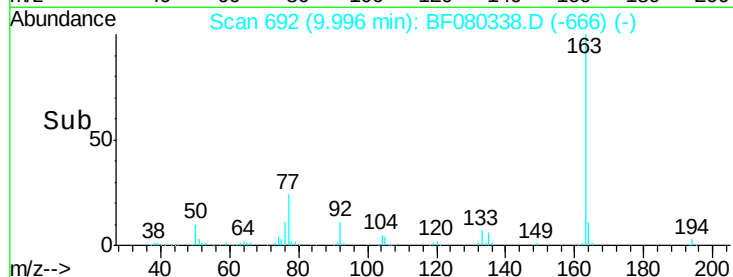
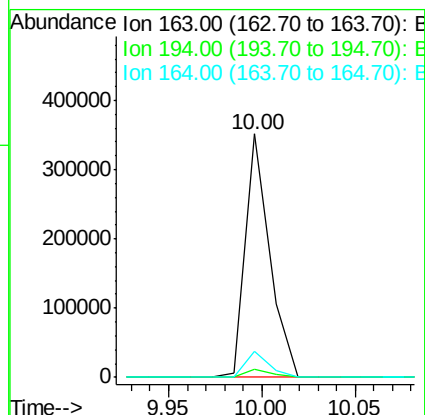
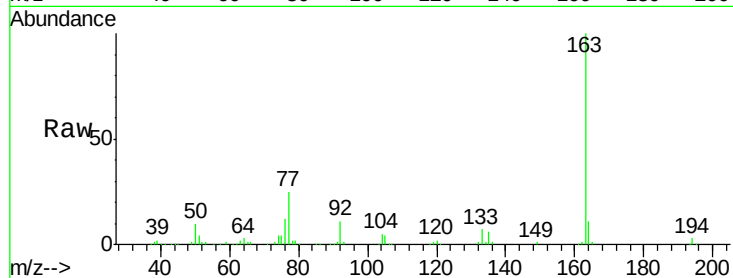
#49
Dimethylphthalate
Concen: 67.50 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	318448		
194	3.3	3.0	4.4	
164	10.8	7.9	11.9	

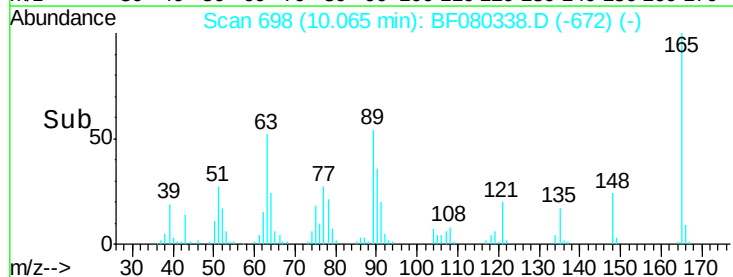
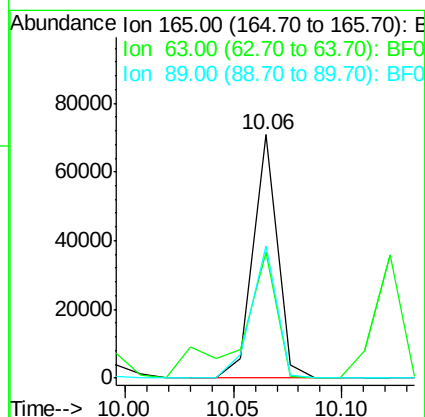
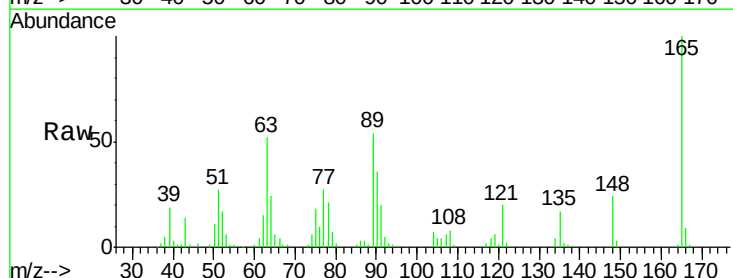
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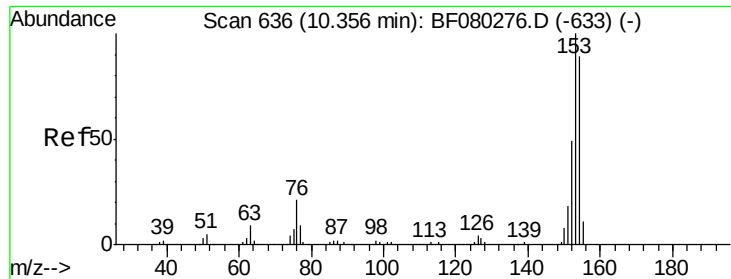
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#50
2,6-Dinitrotoluene
Concen: 57.32 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55278		
63	51.7	23.4	35.0#	
89	54.4	27.7	41.5#	





#51

Acenaphthene

Concen: 53.15 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF080338.D

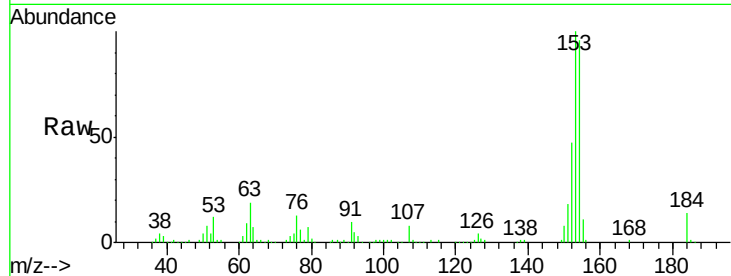
Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

ClientSampleId :

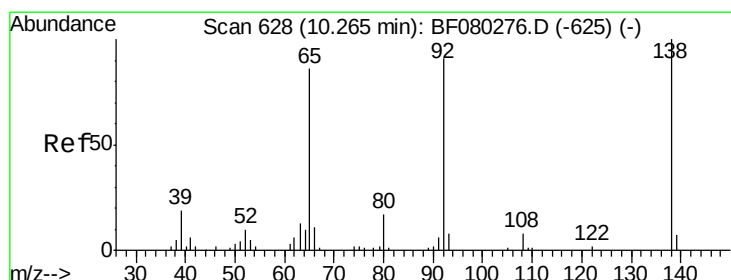
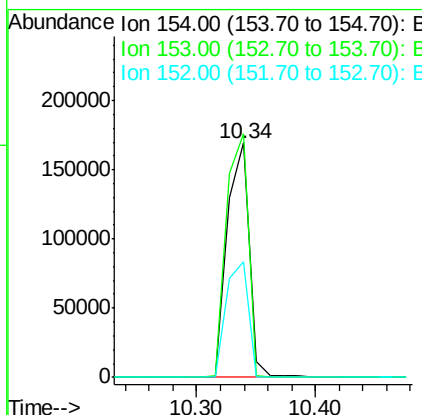
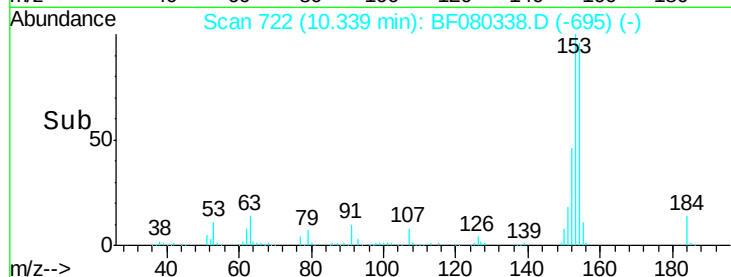
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Tgt Ion:	154	Resp:	216030
Ion Ratio	Lower	Upper	
154	100		
153	103.9	90.4	135.6
152	49.3	43.9	65.9

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#52

3-Nitroaniline

Concen: 53.17 ng

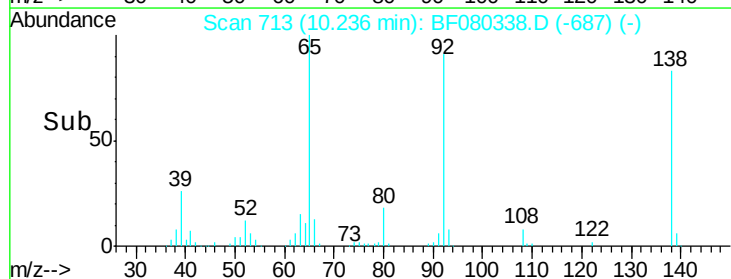
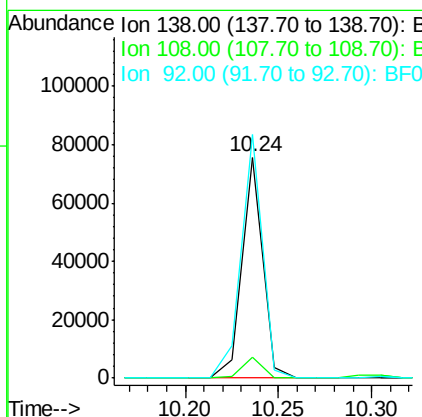
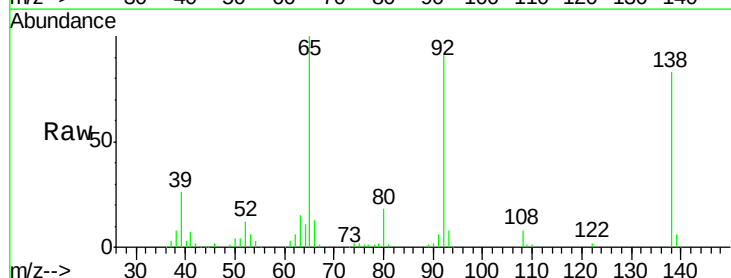
RT: 10.24 min Scan# 713

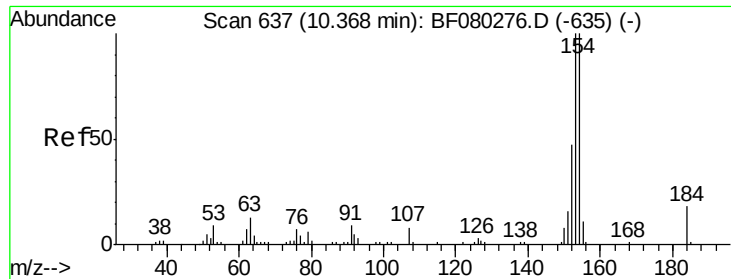
Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	138	Resp:	58819
Ion Ratio	Lower	Upper	
138	100		
108	9.7	6.7	10.1
92	110.1	72.6	109.0#





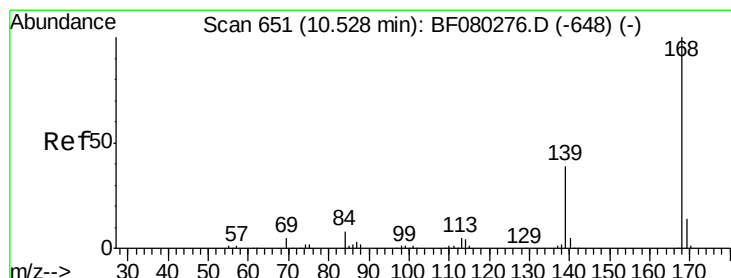
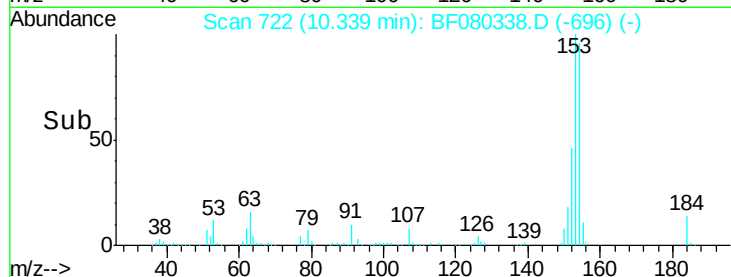
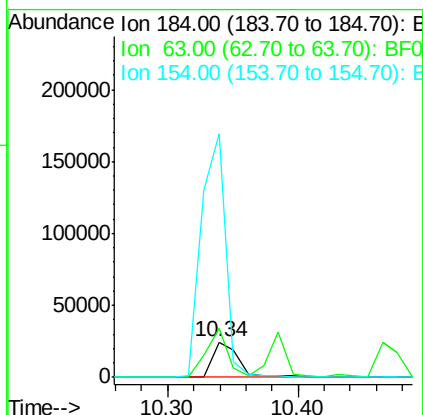
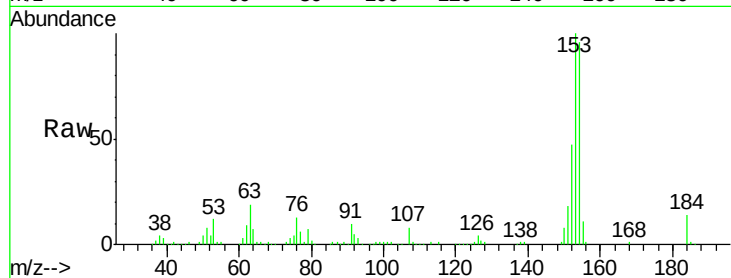
#53
 2,4-Dinitrophenol
 Concen: 84.82 ng
 RT: 10.34 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

Tgt Ion:184 Resp: 34413
 Ion Ratio Lower Upper
 184 100
 63 137.1 65.0 97.6#
 154 685.9 473.1 709.7

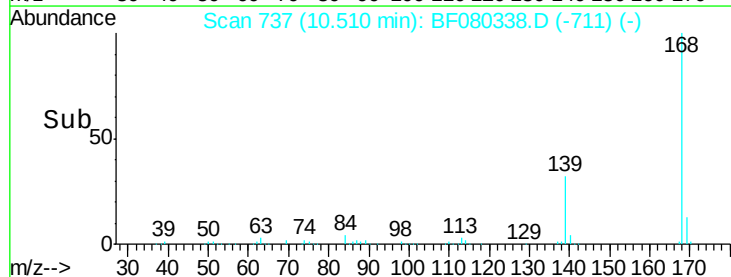
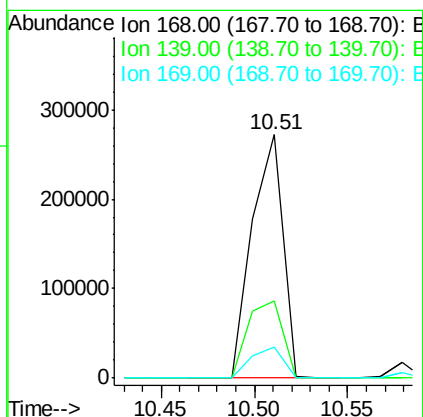
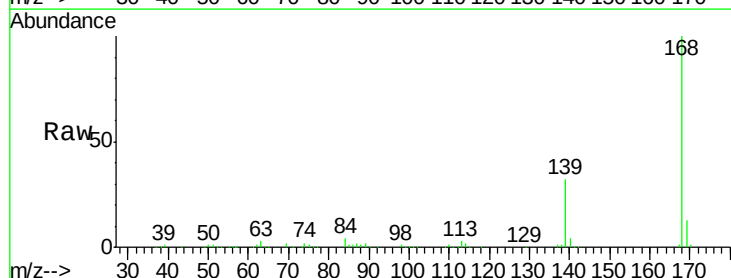
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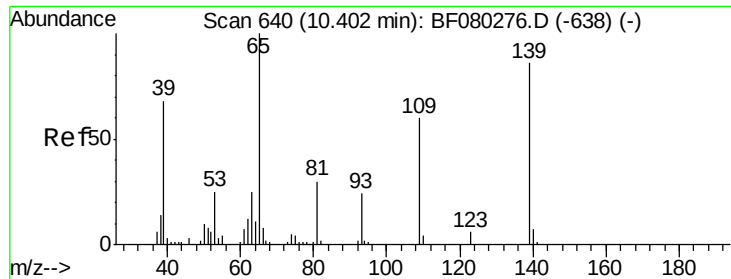
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#54
 Dibenzofuran
 Concen: 54.13 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion:168 Resp: 310532
 Ion Ratio Lower Upper
 168 100
 139 31.7 31.5 47.3
 169 12.7 11.0 16.4





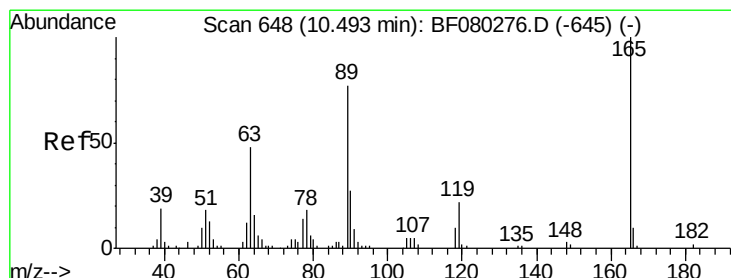
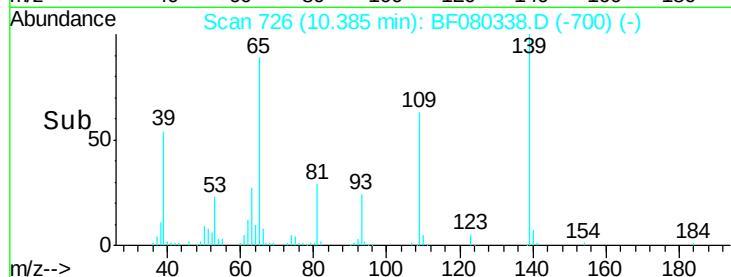
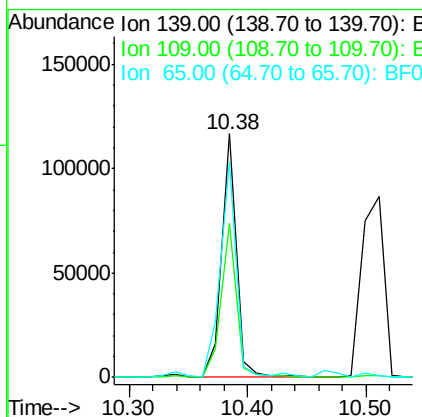
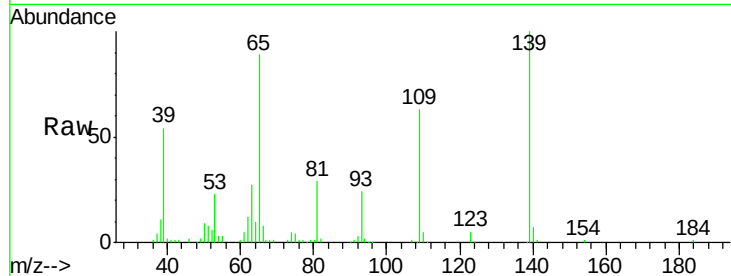
#55
4-Nitrophenol
Concen: 122.05 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	99805		
109	63.5	50.2	90.2	
65	88.6	96.7	136.7#	

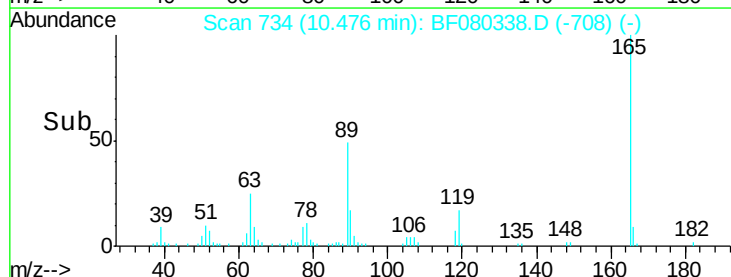
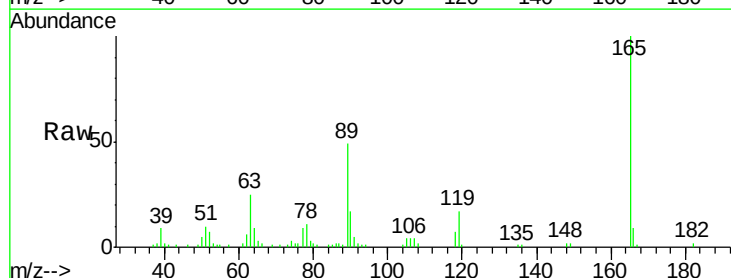
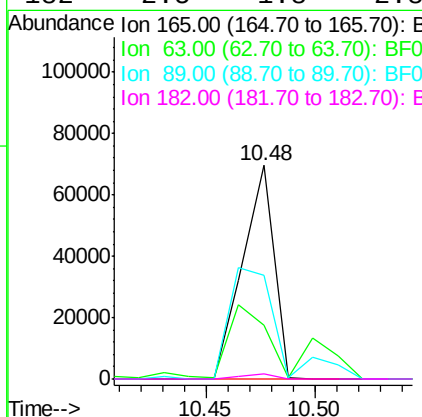
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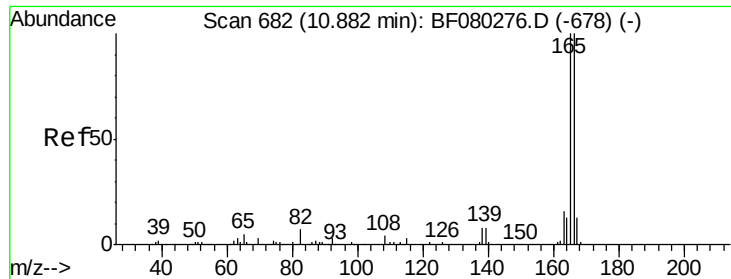
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#56
2,4-Dinitrotoluene
Concen: 55.97 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	69994		
63	25.1	38.7	58.1#	
89	48.6	62.0	93.0#	
182	2.5	1.8	2.8	





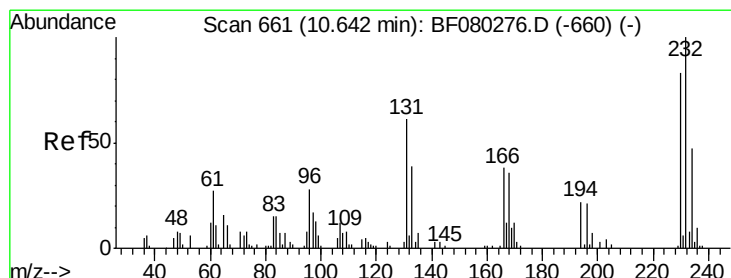
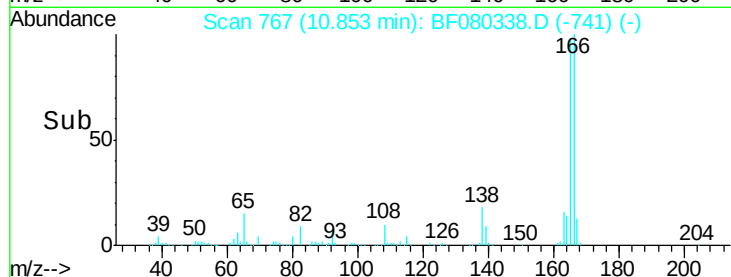
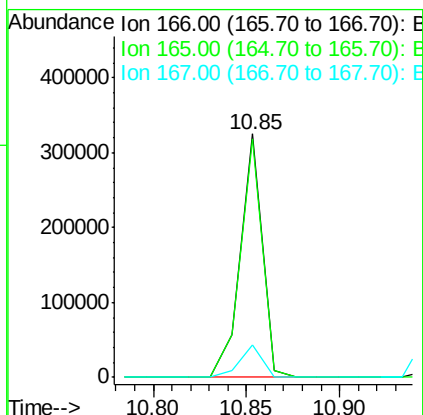
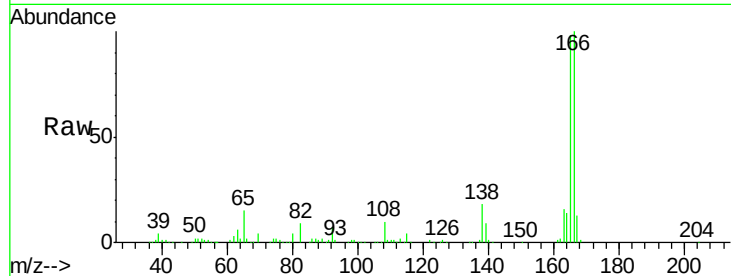
#57
Fluorene
Concen: 56.29 ng
RT: 10.85 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	267835		
165	98.1	79.9	119.9	
167	13.1	10.3	15.5	

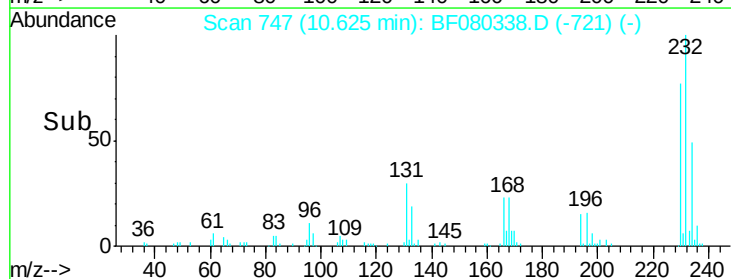
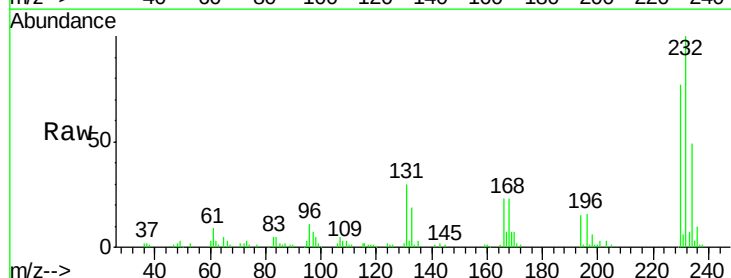
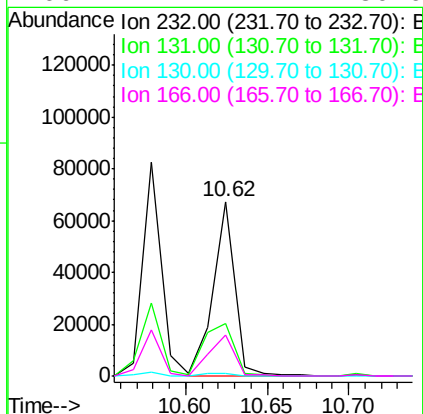
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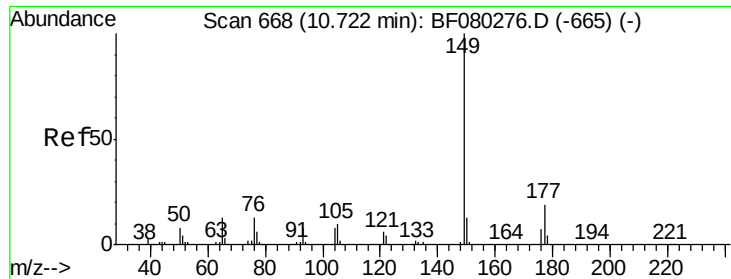
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#58
2,3,4,6-Tetrachlorophenol
Concen: 57.47 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	62769		
131	42.0	37.0	55.6	
130	2.0	1.5	2.3	
166	27.4	24.4	36.6	





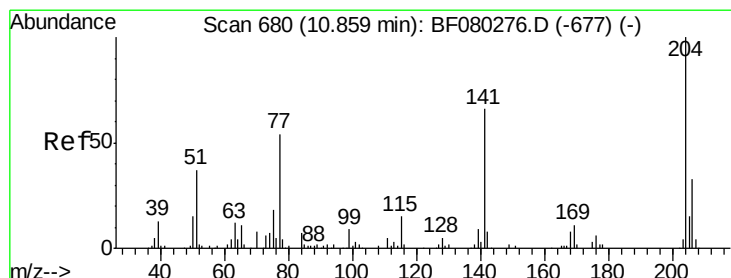
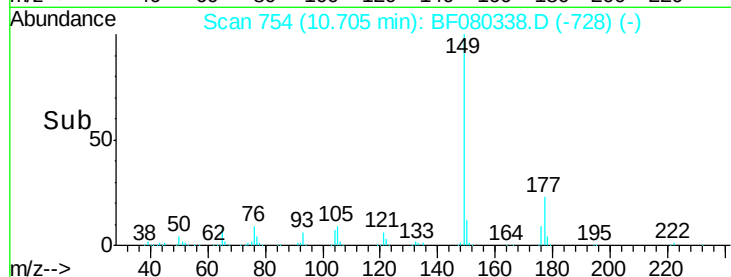
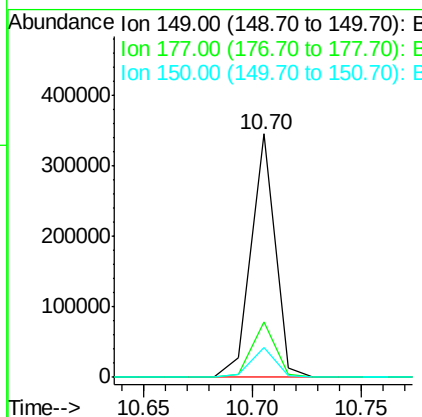
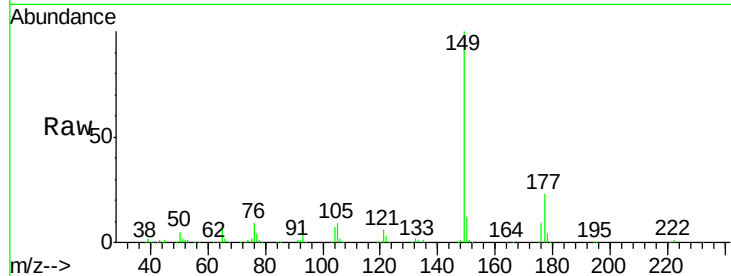
#59
Diethylphthalate
Concen: 59.32 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.9	15.4	23.0
150	12.4	10.5	15.7

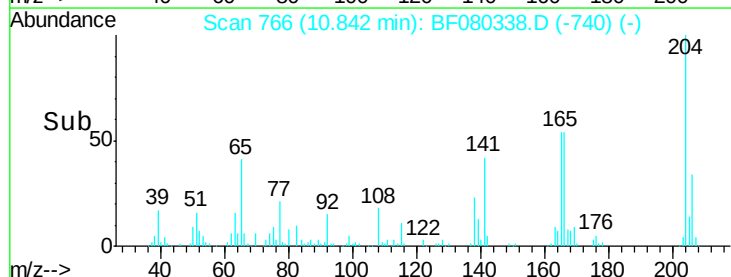
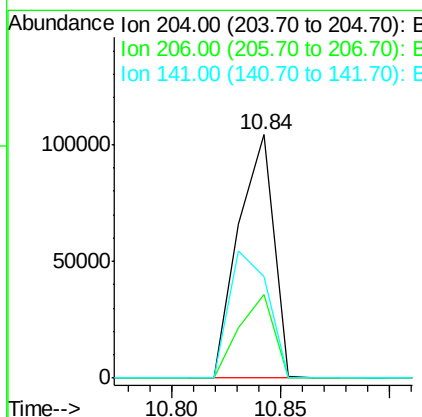
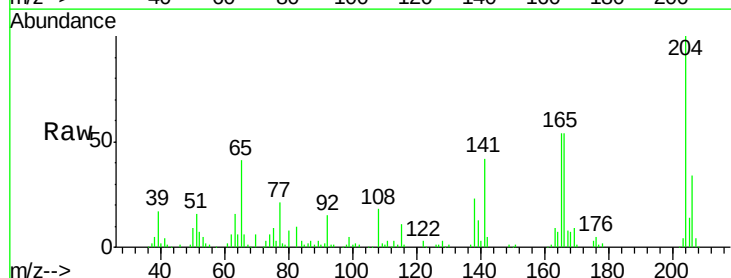
Manual Integrations
APPROVED

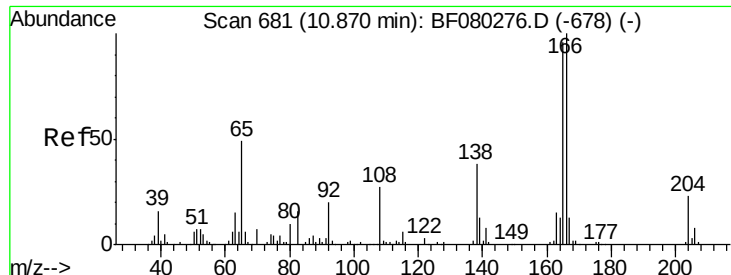
apatel
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#60
4-Chlorophenyl-phenylether
Concen: 54.50 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.4	26.5	39.7
141	41.6	52.5	78.7#





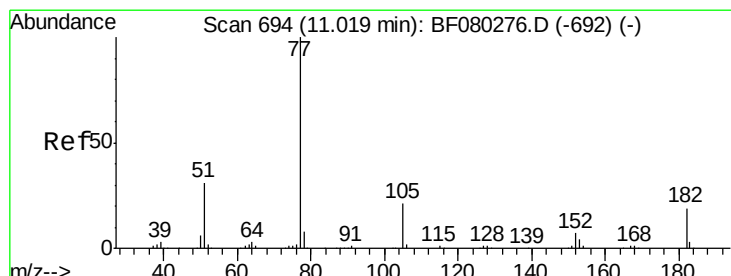
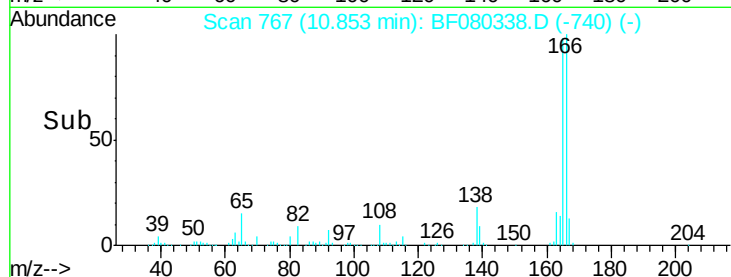
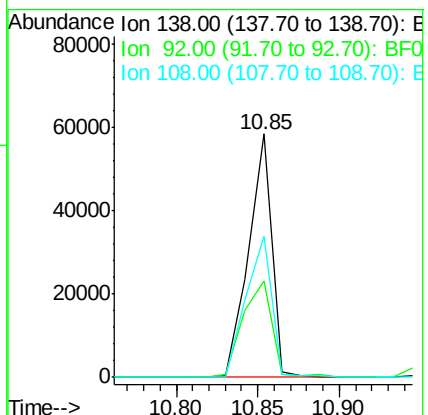
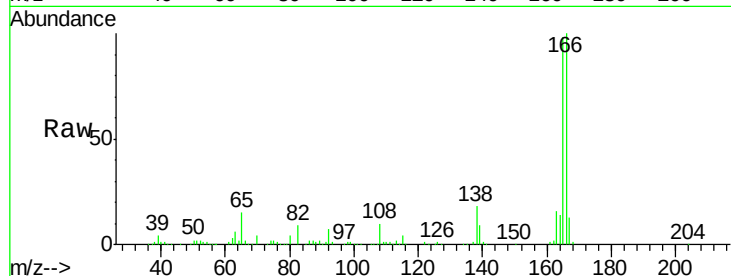
#61
4-Nitroaniline
Concen: 51.25 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	57625		
92	39.4	32.7	72.7	
108	58.2	49.6	89.6	

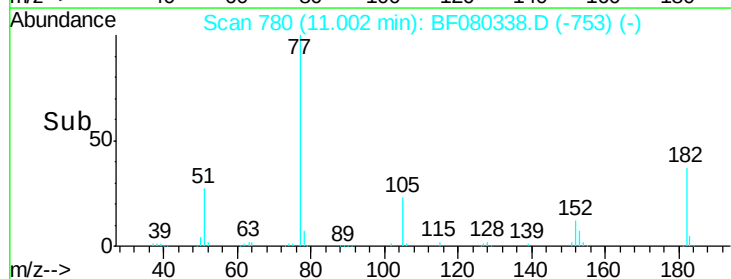
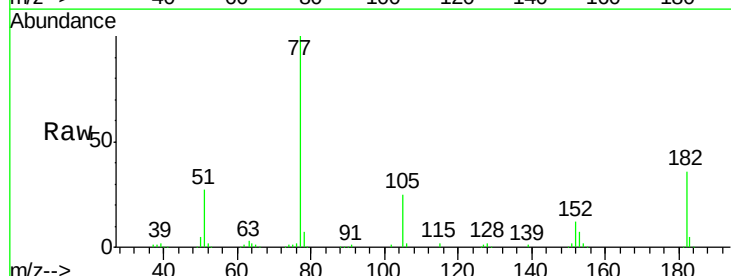
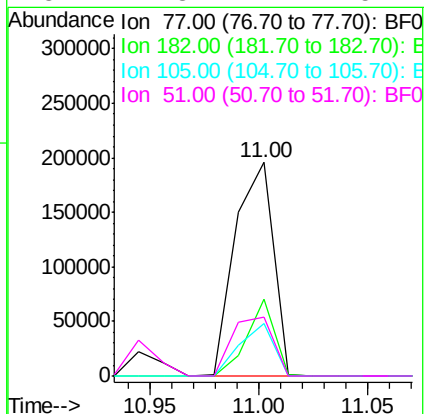
Manual Integrations
APPROVED

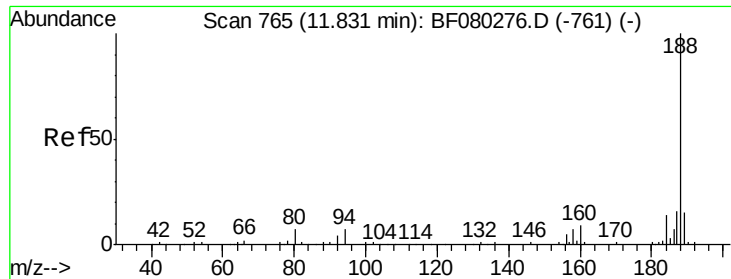
apatel
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#62
Azobenzene
Concen: 51.78 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	238842		
182	36.1	0.0	38.9	
105	24.9	1.3	41.3	
51	27.3	11.1	51.1	





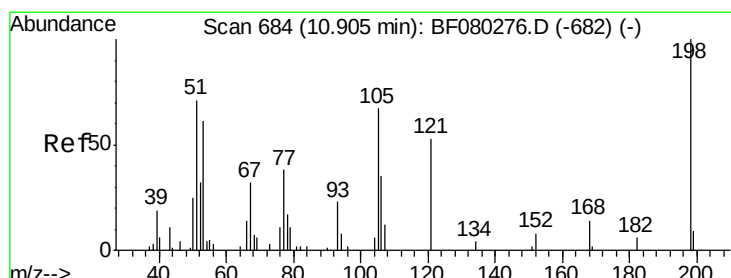
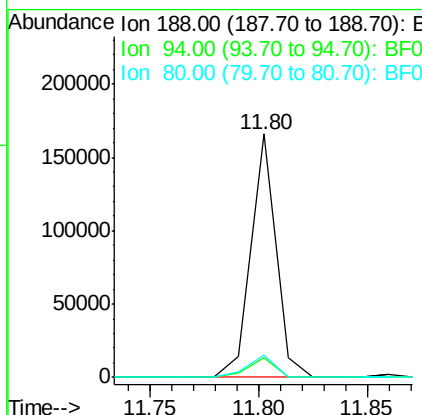
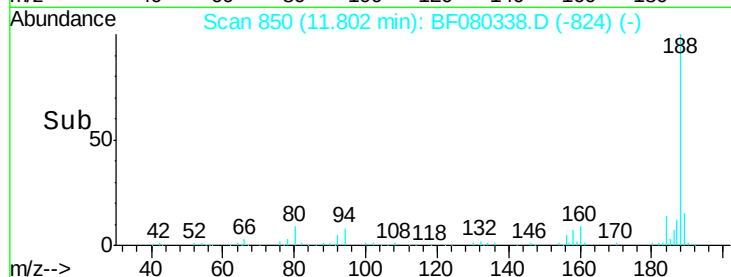
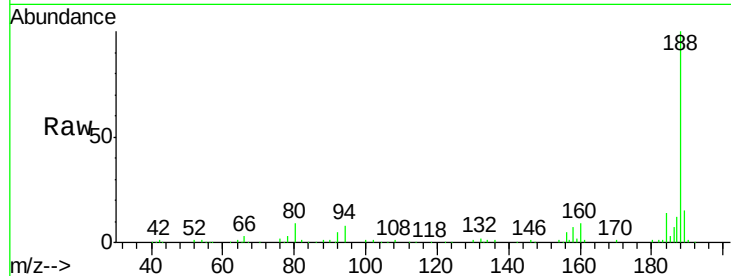
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.1	5.4	8.0#
80	9.2	5.8	8.6#

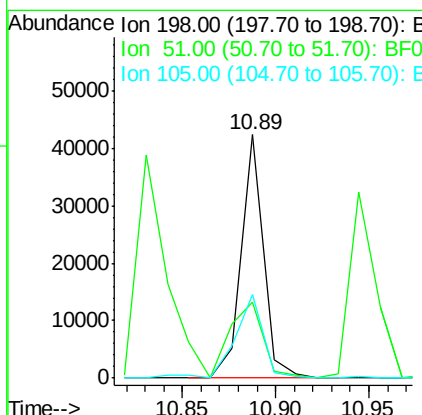
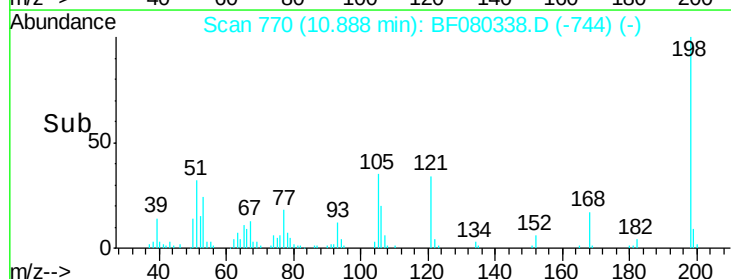
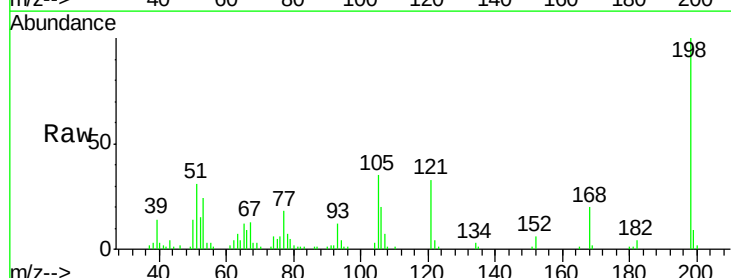
Manual Integrations
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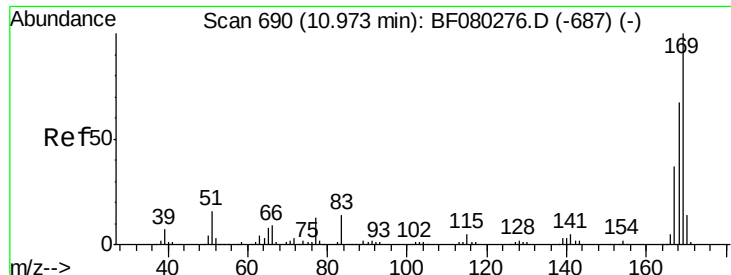
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#64
4,6-Dinitro-2-methylphenol
Concen: 56.13 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	31.3	63.7	103.7#
105	34.6	46.9	86.9#





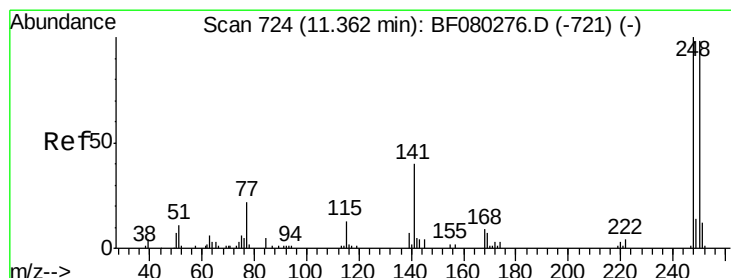
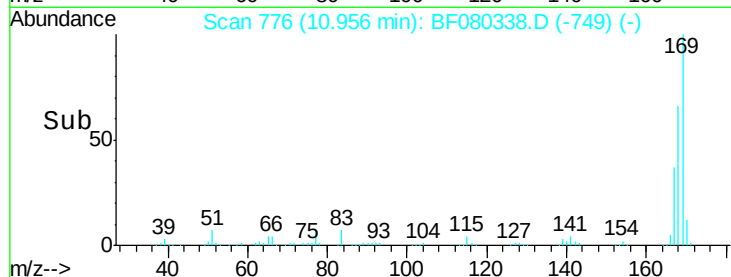
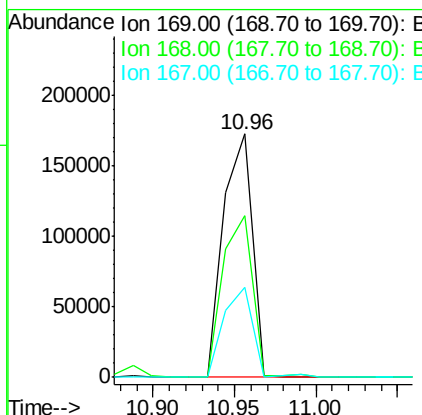
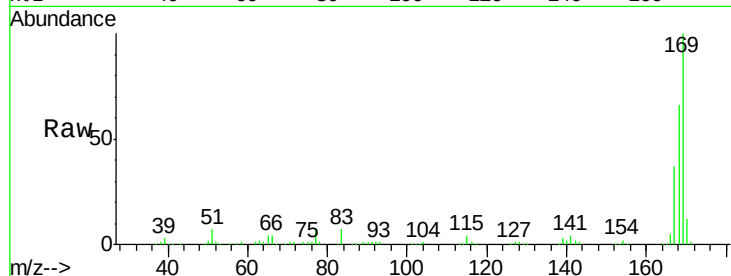
#65
 n-Nitrosodiphenylamine
 Concen: 48.01 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	210311		
168	66.2	53.6	80.4	
167	36.8	29.9	44.9	

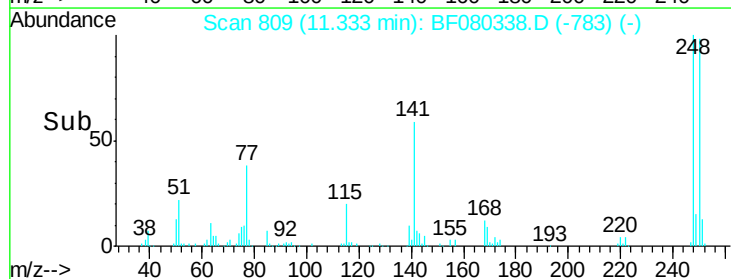
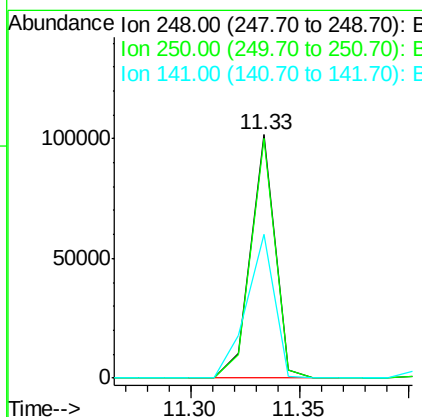
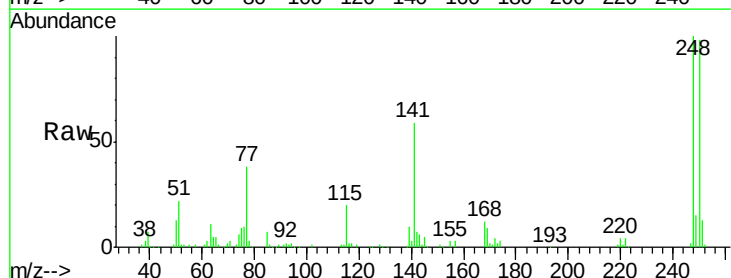
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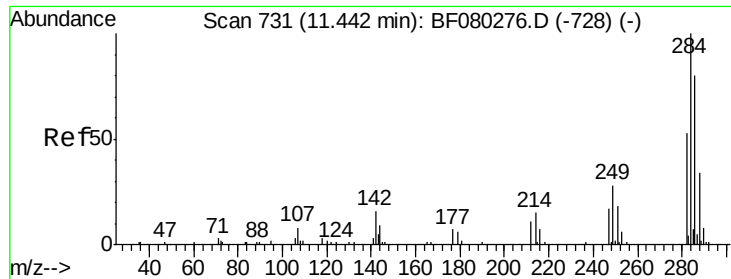
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#66
 4-Bromophenyl-phenylether
 Concen: 54.86 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	79039		
250	98.3	78.2	117.4	
141	59.1	31.9	47.9	





#67

Hexachlorobenzene

Concen: 53.37 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

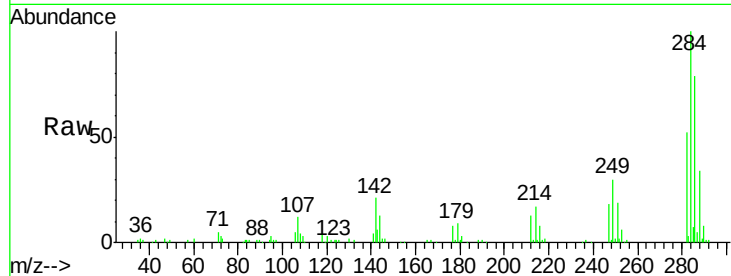
ClientSampleId :

BOTTOMNW-2-070115MSD

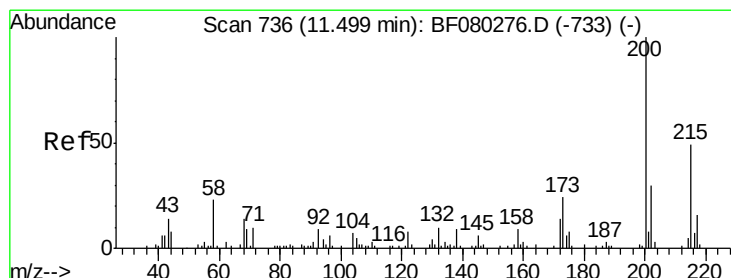
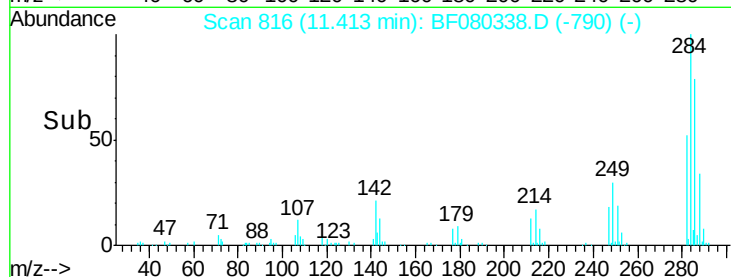
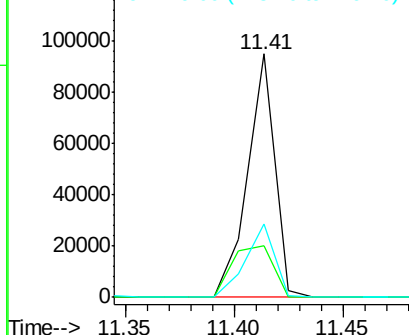
Tgt Ion:	284	Resp:	82423
Ion Ratio	Lower	Upper	
284	100		
142	21.4	12.5	18.7#
249	30.1	22.4	33.6

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



#68

Atrazine

Concen: 53.11 ng

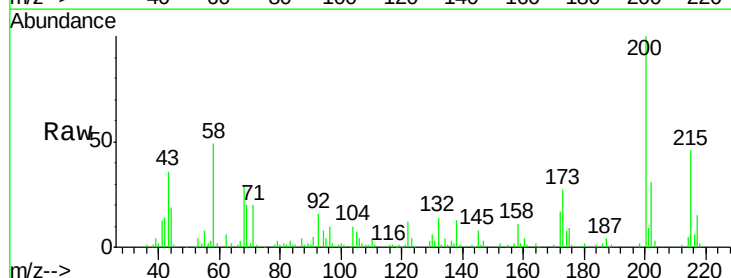
RT: 11.47 min Scan# 821

Delta R.T. -0.00 min

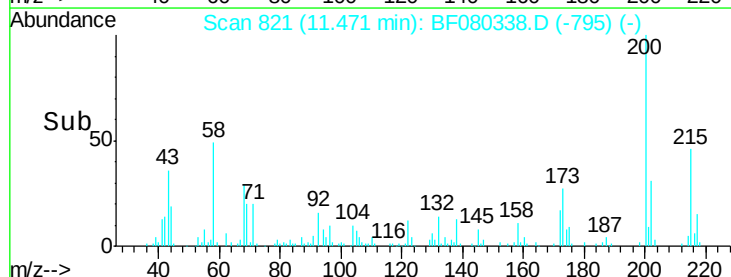
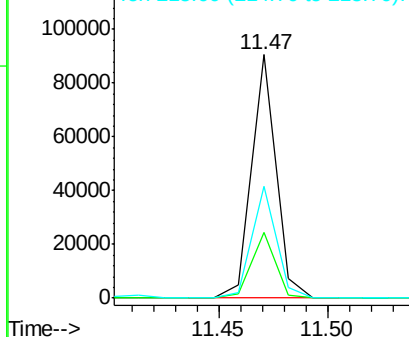
Lab File: BF080338.D

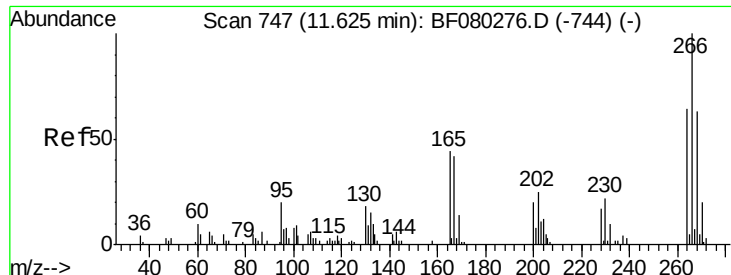
Acq: 3 Jul 2015 11:53

Tgt Ion:	200	Resp:	70333
Ion Ratio	Lower	Upper	
200	100		
173	27.1	3.5	43.5
215	45.7	28.6	68.6



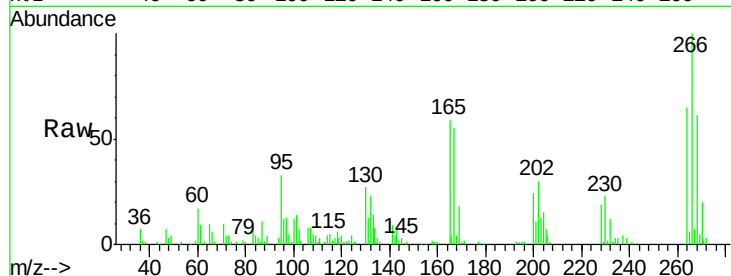
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69
 Pentachlorophenol
 Concen: 95.40 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

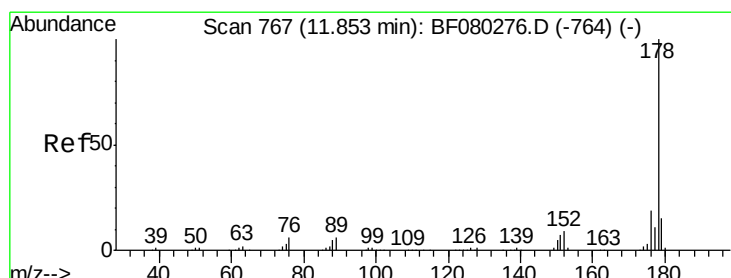
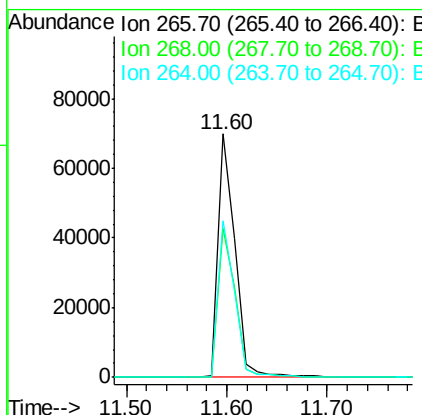
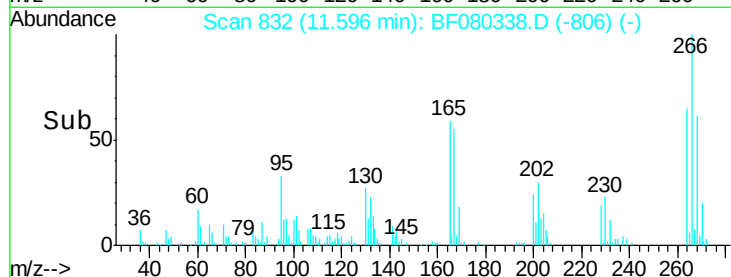
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	81113		
268	61.0	50.7	76.1	
264	64.6	51.3	76.9	

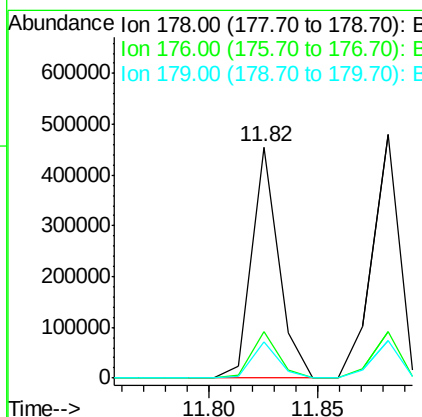
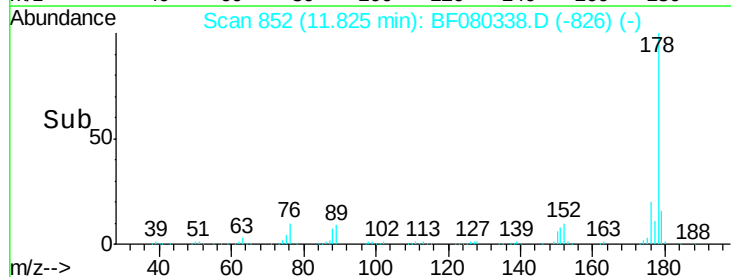
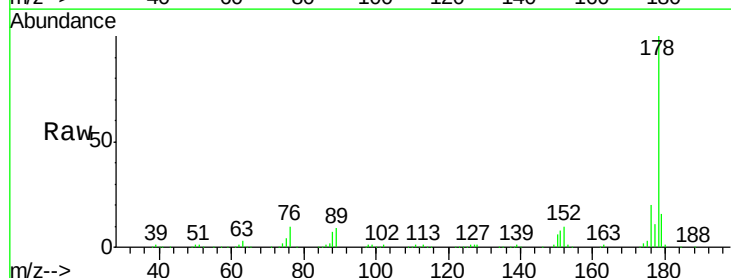
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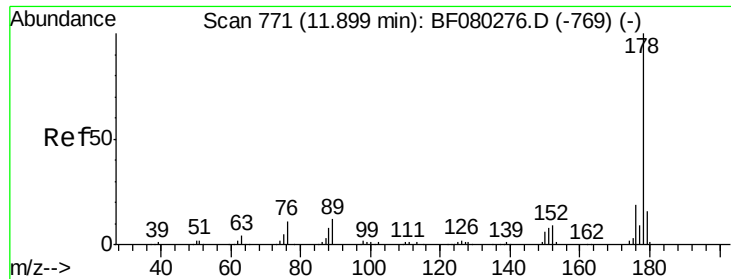
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#70
 Phenanthrene
 Concen: 49.01 ng
 RT: 11.82 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	391496		
176	19.9	15.6	23.4	
179	15.7	12.2	18.2	





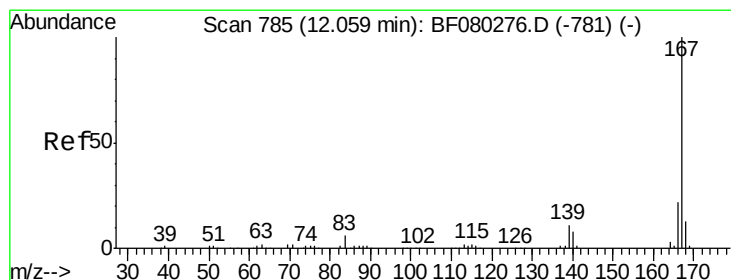
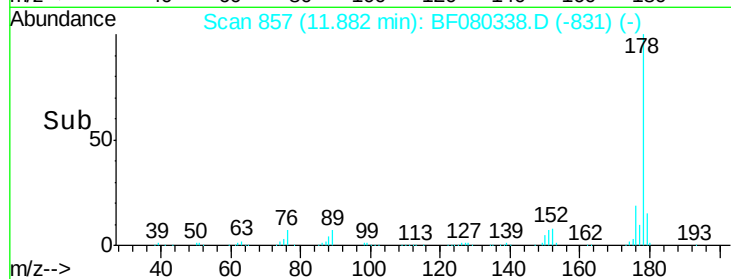
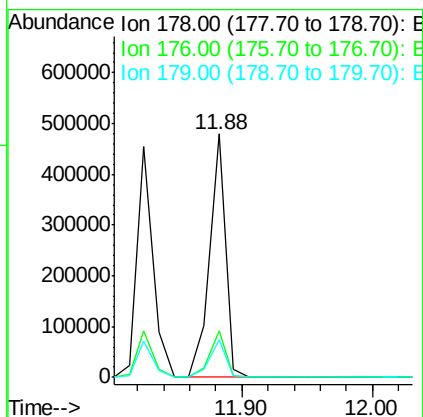
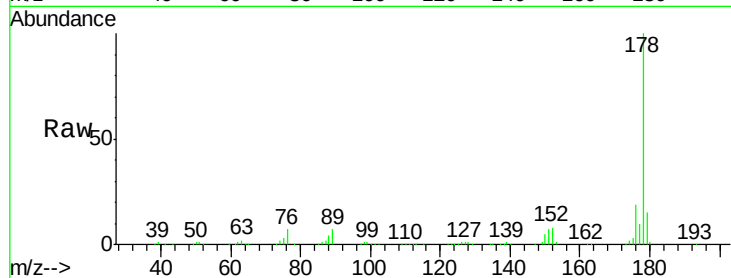
#71
 Anthracene
 Concen: 53.86 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.4	12.6	18.8

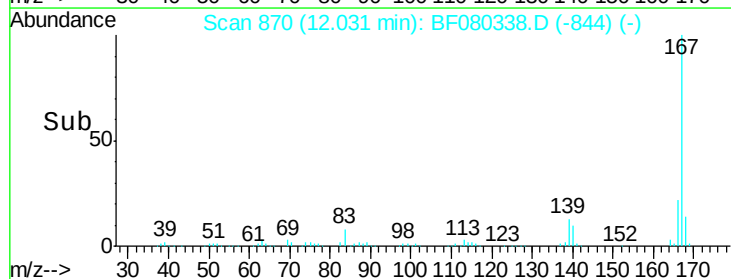
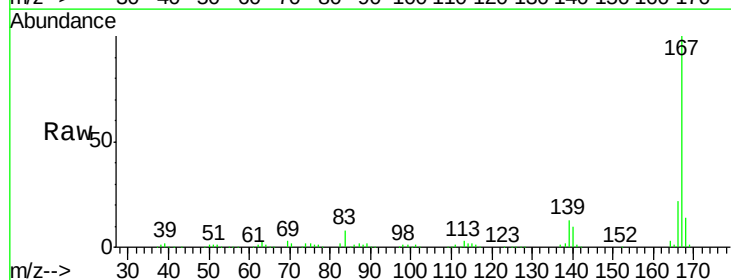
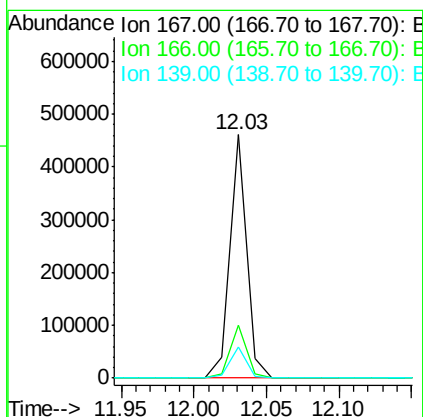
Manual Integrations
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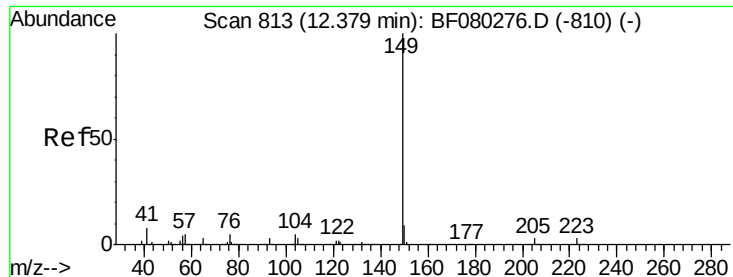
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#72
 Carbazole
 Concen: 51.68 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	12.9	8.6	13.0





#73

Di-n-butylphthalate

Concen: 54.75 ng

RT: 12.36 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

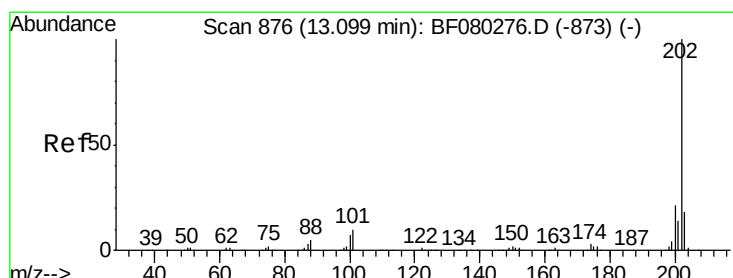
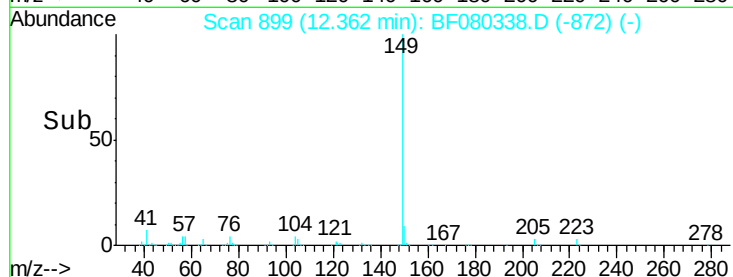
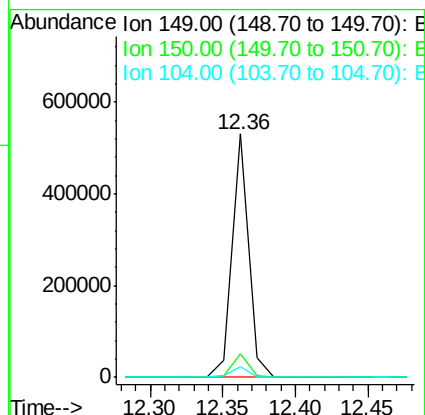
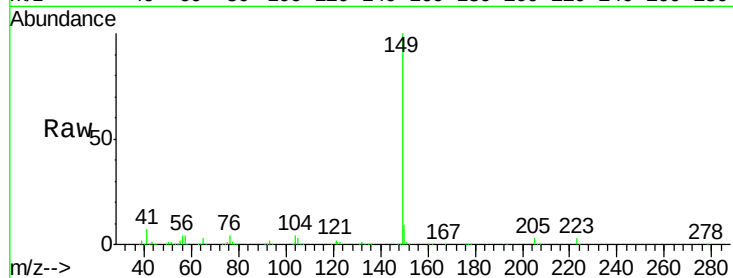
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	149	Resp:	420956
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.0
104	4.5	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 50.60 ng

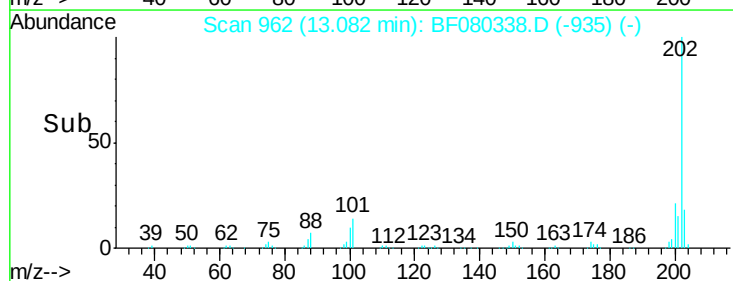
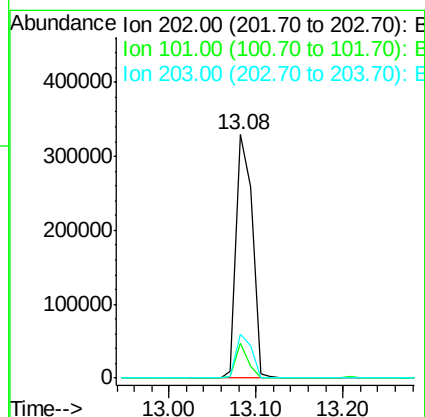
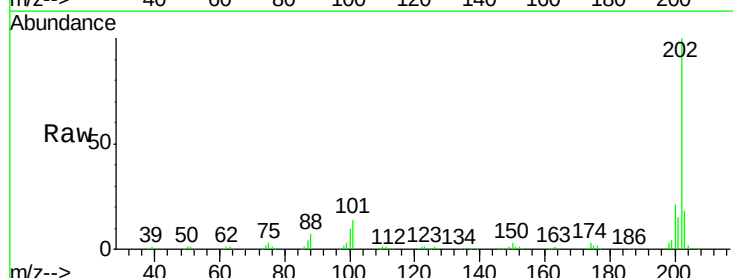
RT: 13.08 min Scan# 962

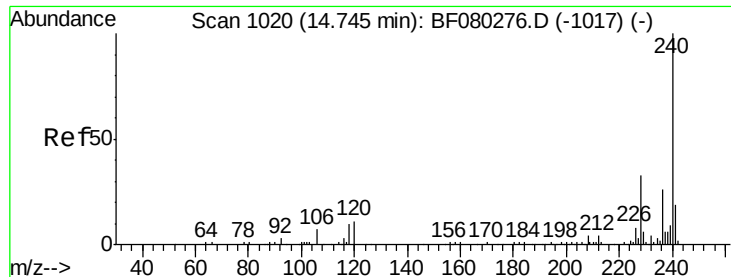
Delta R.T. 0.01 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	202	Resp:	417607
Ion Ratio	Lower	Upper	
202	100		
101	14.3	0.0	30.4
203	17.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.77 min Scan# 1110

Delta R.T. 0.06 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

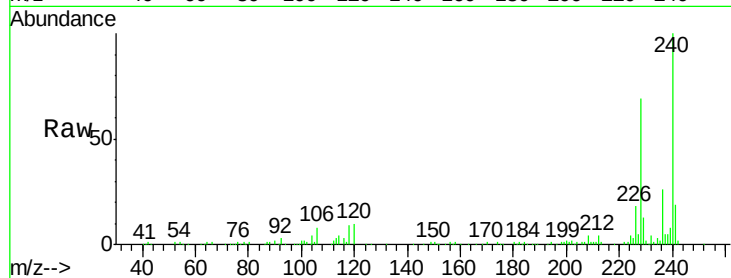
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	240	Resp:	136321
Ion Ratio	Lower	Upper	
240	100		
120	10.3	8.7	13.1
236	26.0	20.9	31.3

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

150000

100000

50000

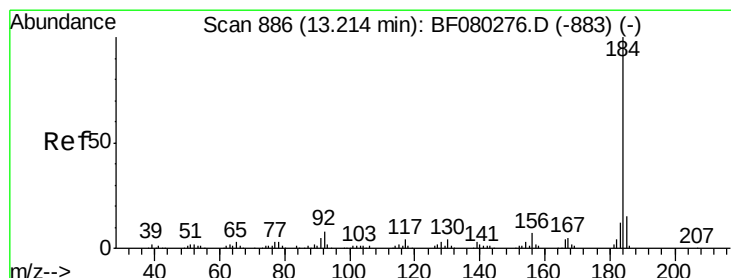
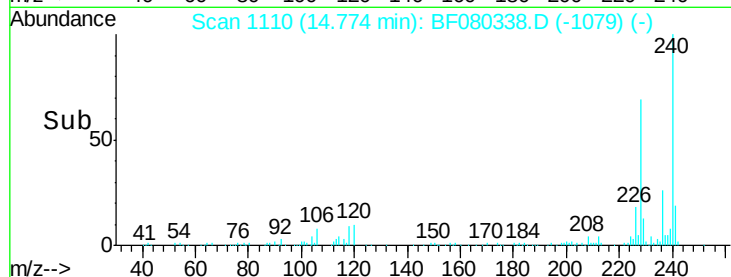
0

14.77

14.70

14.80

Time-->



#76

Benzidine

Concen: 68.39 ng

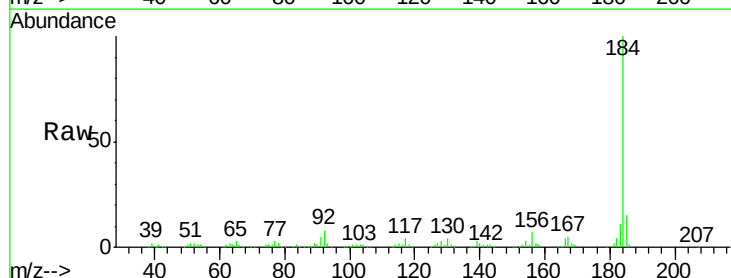
RT: 13.21 min Scan# 973

Delta R.T. 0.02 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Tgt Ion:	184	Resp:	273015
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.4	9.4	14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

400000

300000

200000

100000

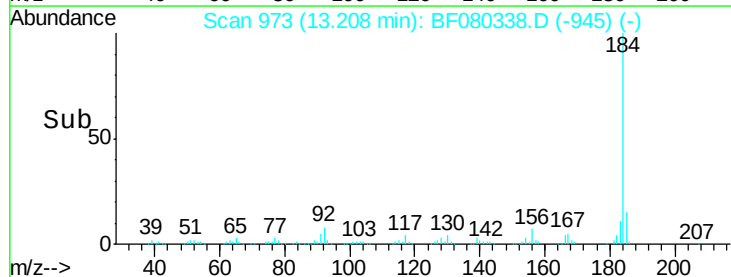
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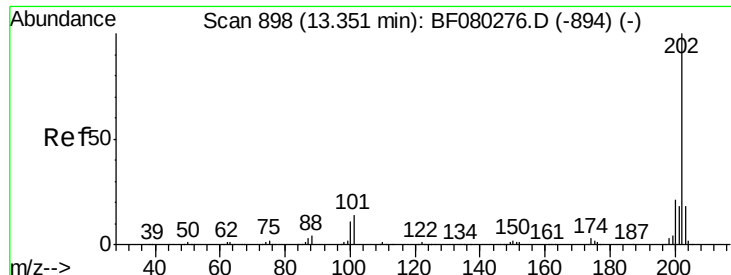
13.21

13.20

13.30

Time-->





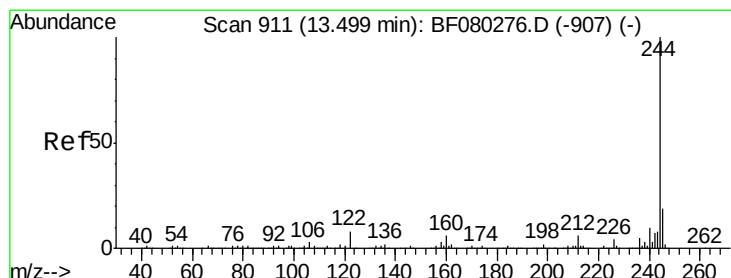
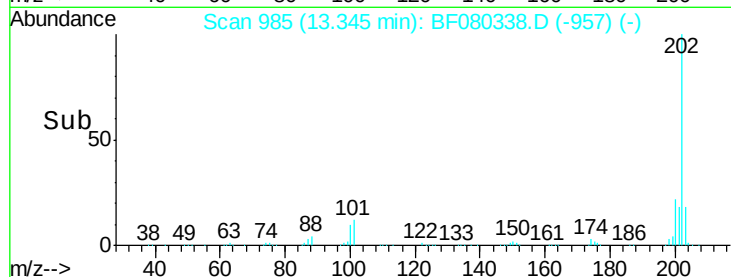
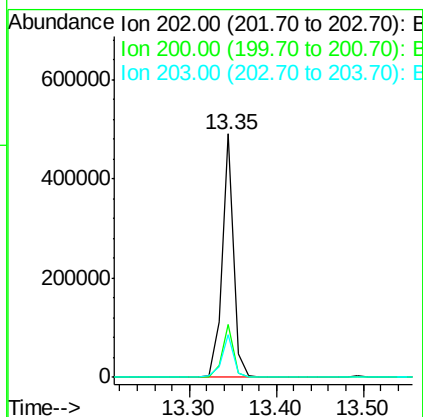
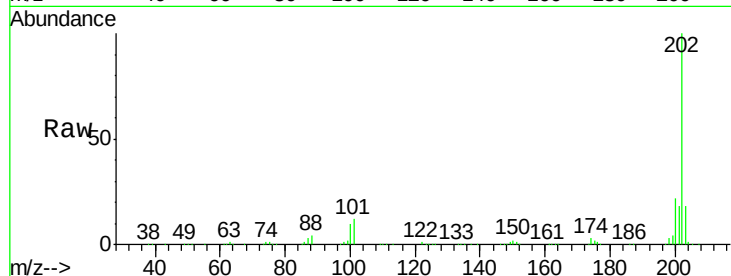
#77
Pyrene
 Concen: 51.83 ng
 RT: 13.35 min Scan# 985
 Delta R.T. 0.02 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.8	17.0	25.6
203	17.7	14.0	21.0

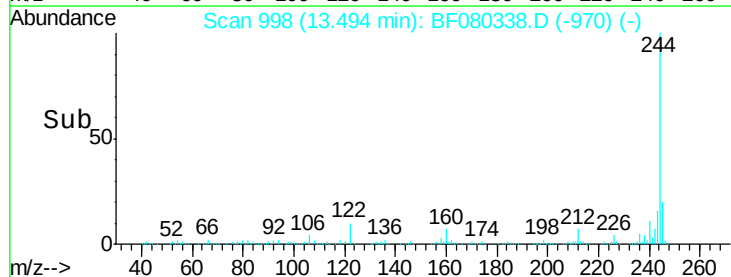
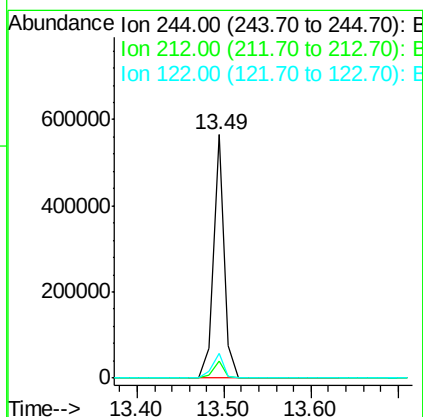
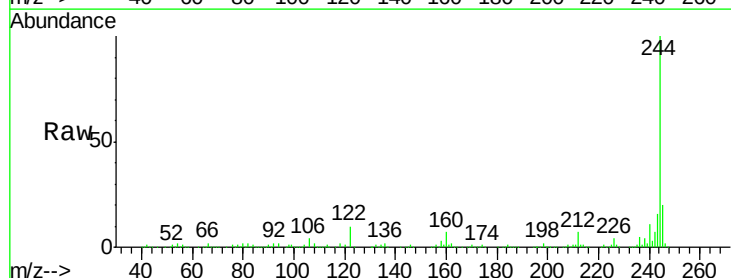
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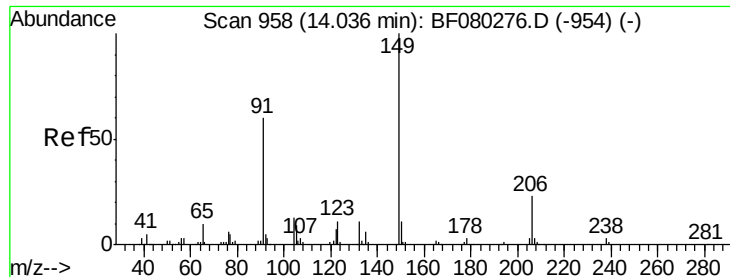
apatel
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#78
Terphenyl-d14
 Concen: 84.31 ng
 RT: 13.49 min Scan# 998
 Delta R.T. 0.02 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.0	5.0	7.6
122	10.4	6.6	9.8





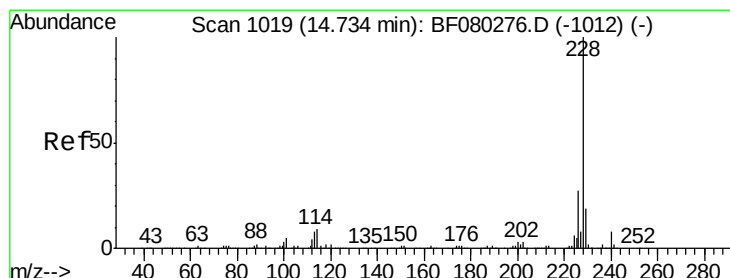
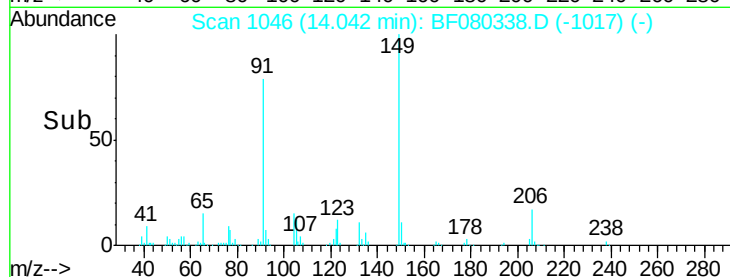
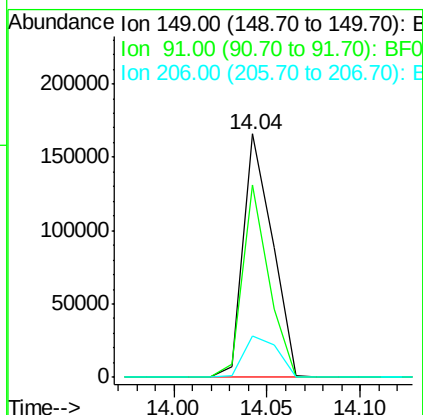
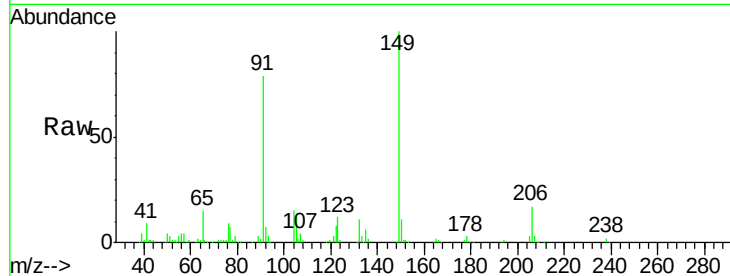
#79
Butylbenzylphthalate
Concen: 54.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	79.3	48.1	72.1#
206	17.1	18.1	27.1#

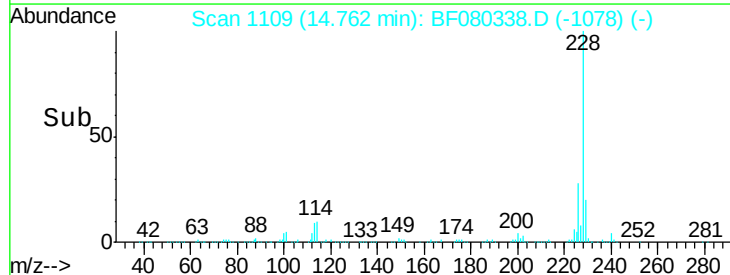
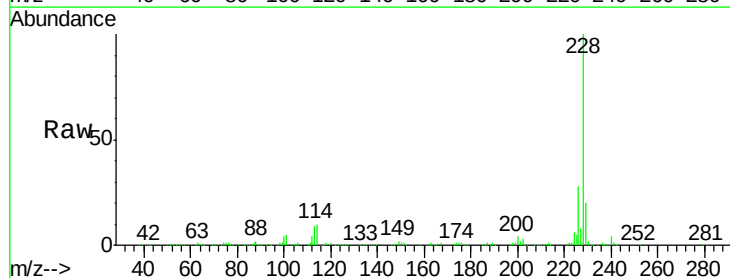
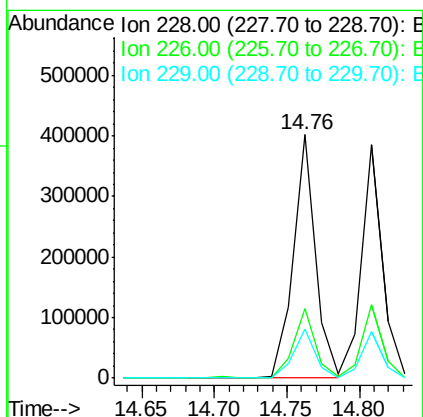
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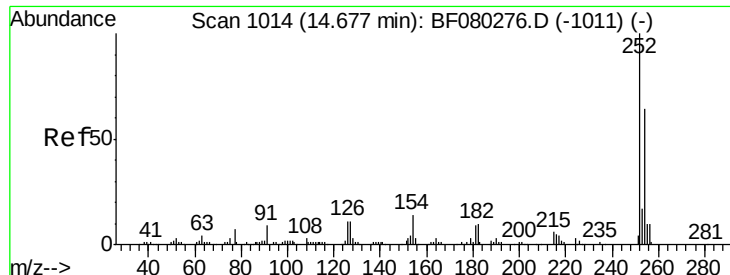
apatel
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#80
Benzo(a)anthracene
Concen: 51.61 ng
RT: 14.76 min Scan# 1109
Delta R.T. 0.06 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.3	21.7	32.5
229	20.1	15.5	23.3





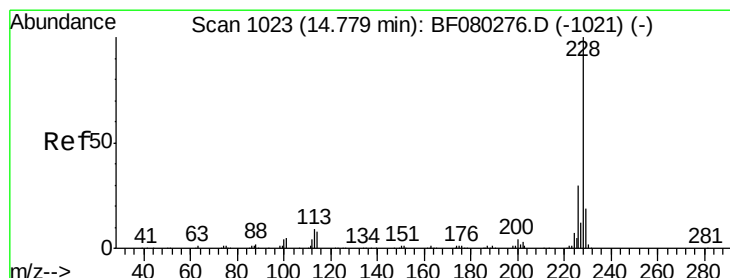
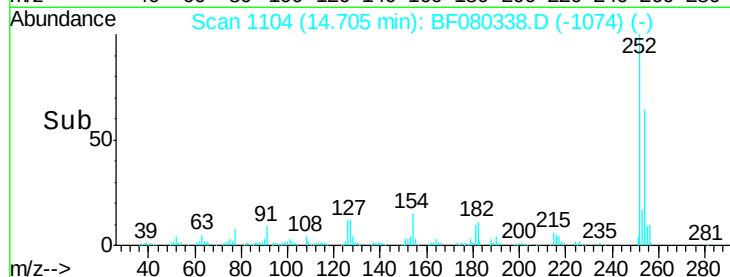
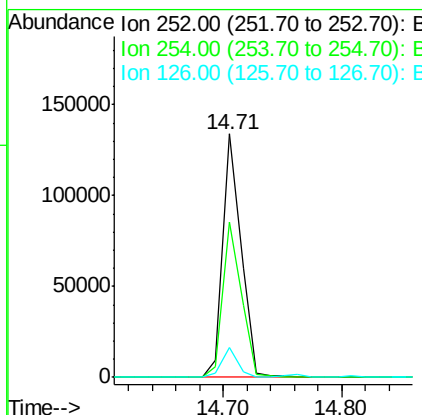
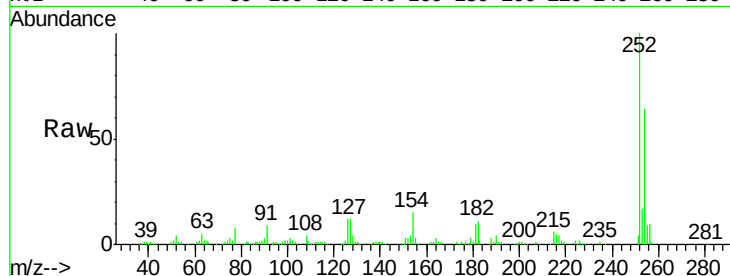
#81
 3,3'-Dichlorobenzidine
 Concen: 53.19 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. 0.05 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	143056		
254	63.8	50.8	76.2	
126	12.1	9.0	13.6	

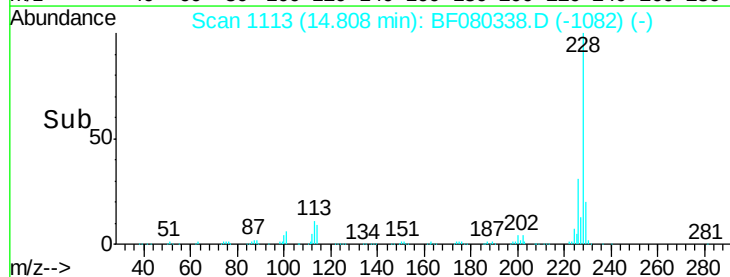
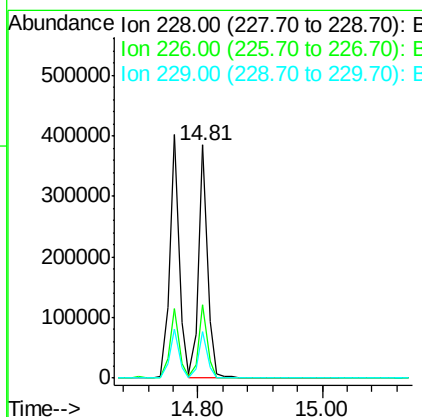
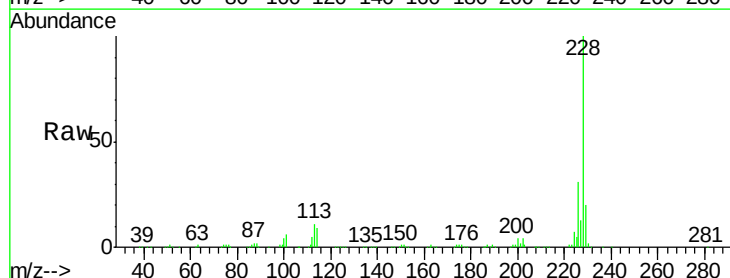
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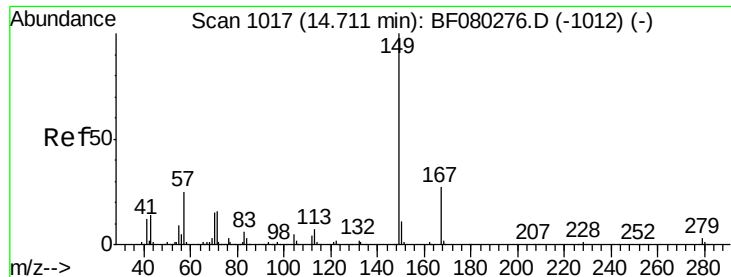
apatel
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#82
 Chrysene
 Concen: 51.66 ng
 RT: 14.81 min Scan# 1113
 Delta R.T. 0.06 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	392358		
226	31.5	24.0	36.0	
229	19.7	15.4	23.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.27 ng

RT: 14.75 min Scan# 1108

Delta R.T. 0.06 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

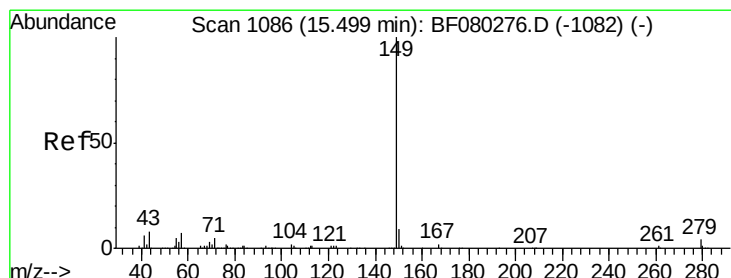
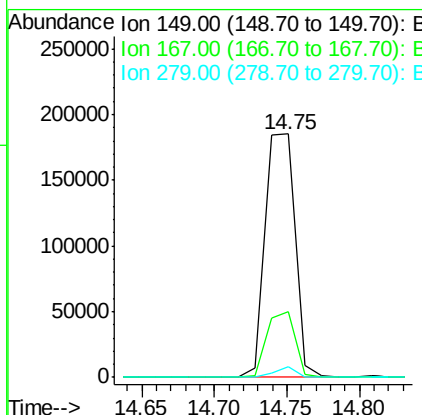
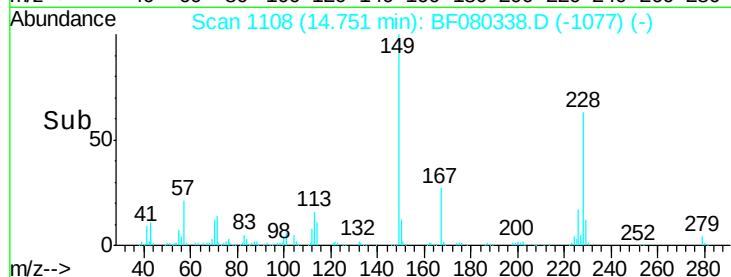
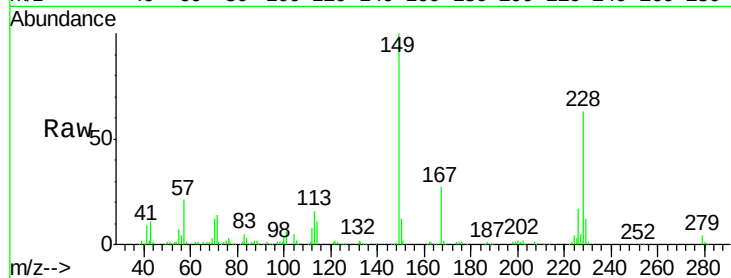
ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt Ion:	149	Resp:	265009
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.7	32.5
279	4.2	2.7	4.1#

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#84

Di-n-octyl phthalate

Concen: 53.68 ng

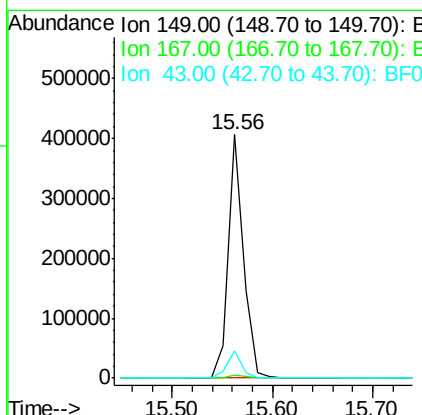
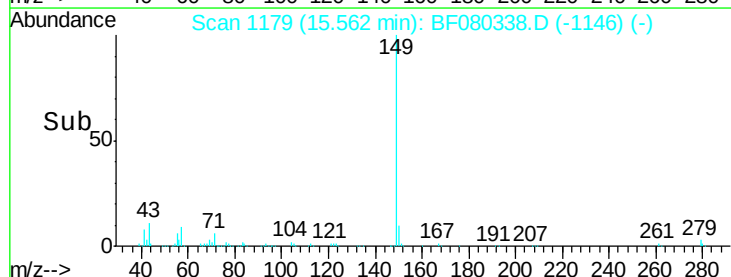
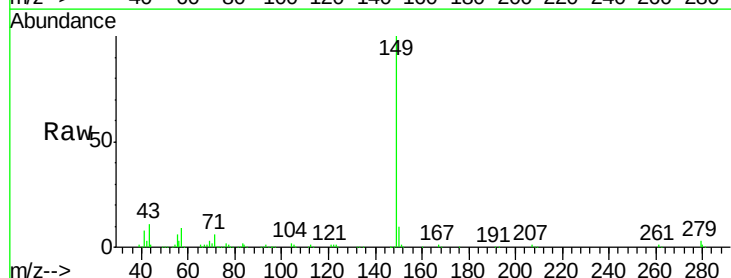
RT: 15.56 min Scan# 1179

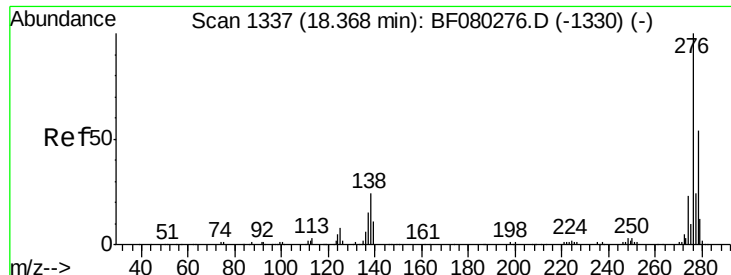
Delta R.T. 0.08 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

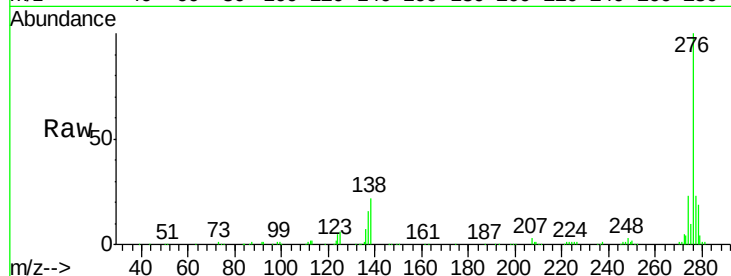
Tgt Ion:	149	Resp:	425969
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.6	8.3	12.5





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.37 ng
 RT: 18.42 min Scan# 1429
 Delta R.T. 0.10 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

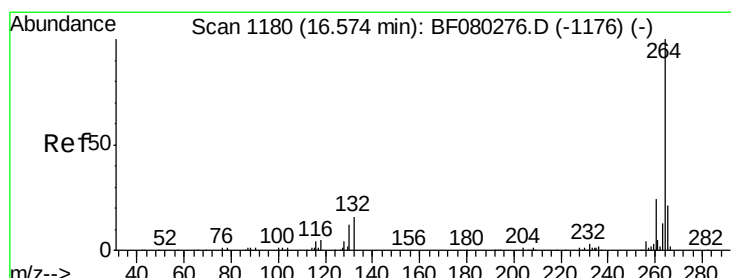
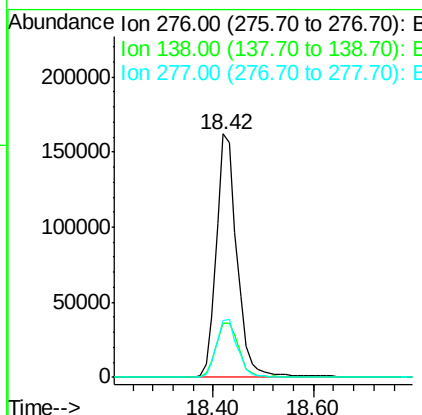
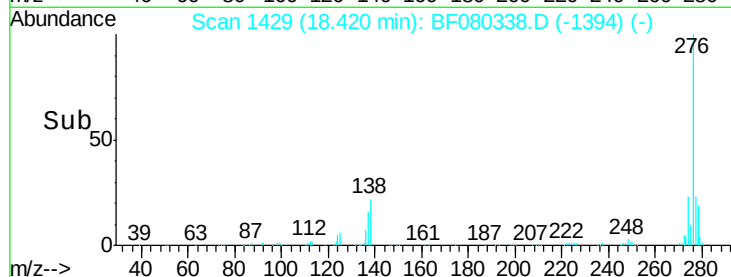
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOMMNW-2-070115MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.0	31.6
277	24.4	19.4	29.0

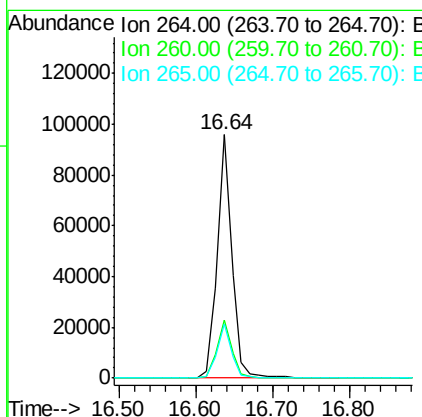
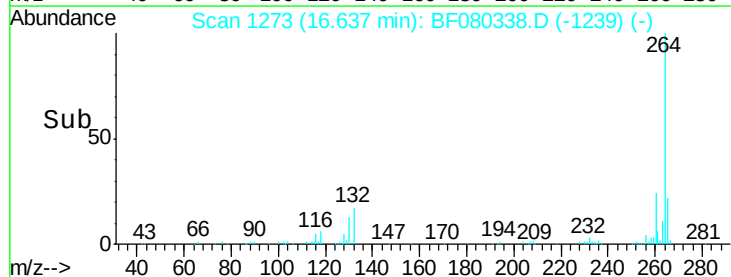
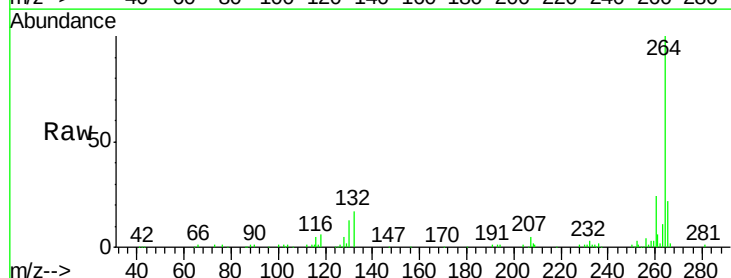
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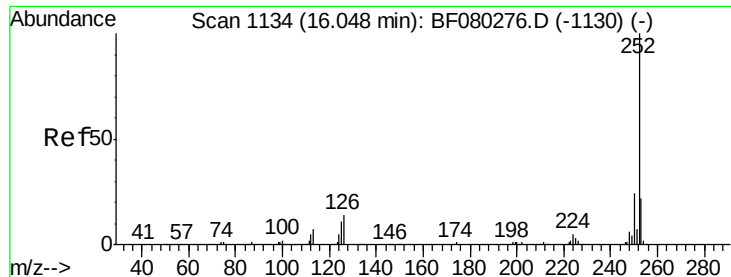
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. 0.09 min
 Lab File: BF080338.D
 Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 50.94 ng

RT: 16.12 min Scan# 1228

Delta R.T. 0.09 min

Lab File: BF080338.D

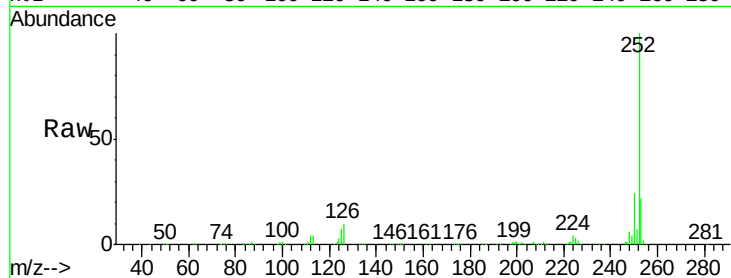
Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

ClientSampleId :

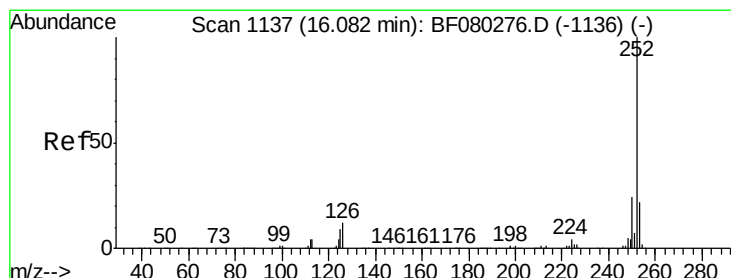
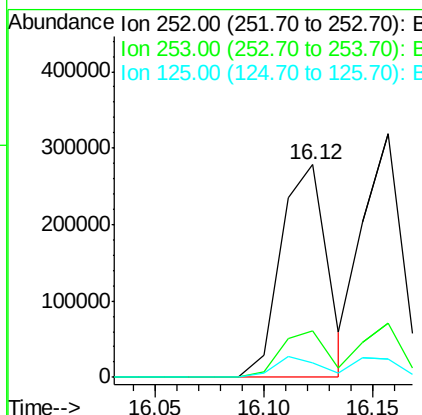
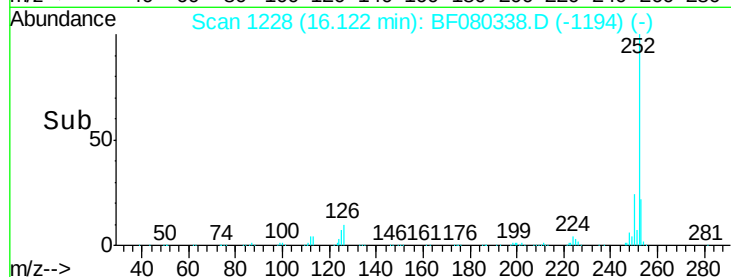
BOTTOMNW-2-070115MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	7.0	8.6	12.8#

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#88

Benzo(k)fluoranthene

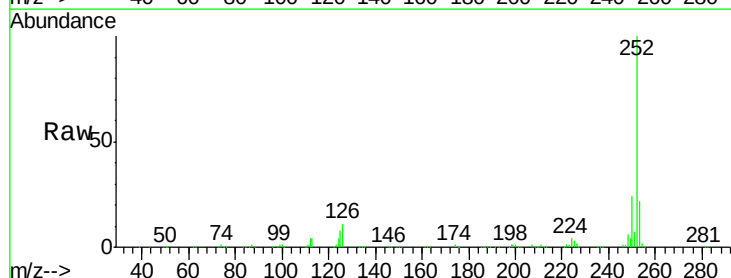
Concen: 55.20 ng

RT: 16.16 min Scan# 1231

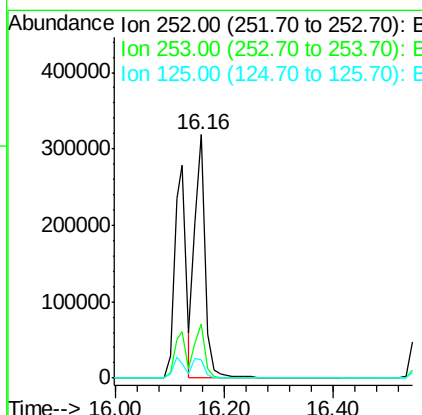
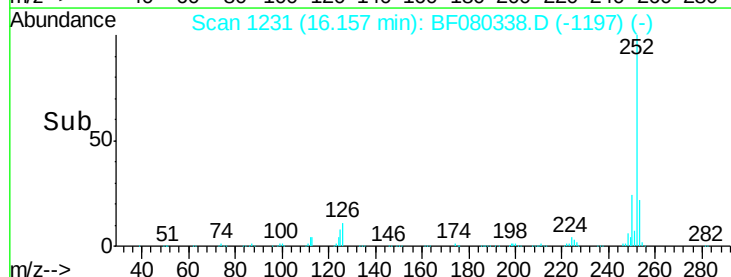
Delta R.T. 0.09 min

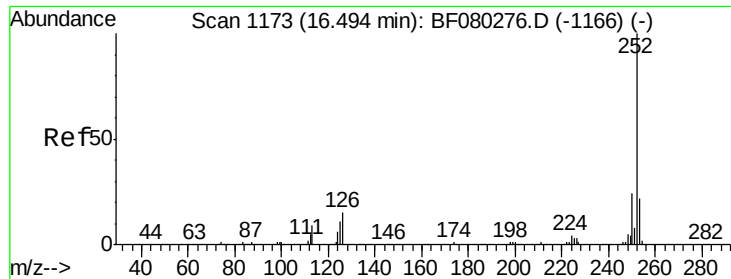
Lab File: BF080338.D

Acq: 3 Jul 2015 11:53



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	7.8	8.4	12.6#





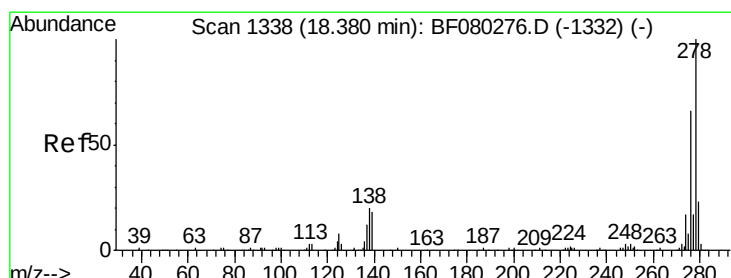
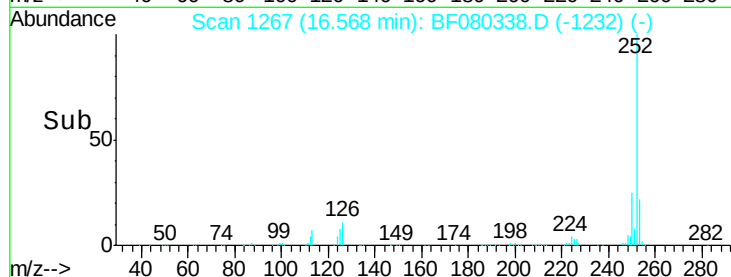
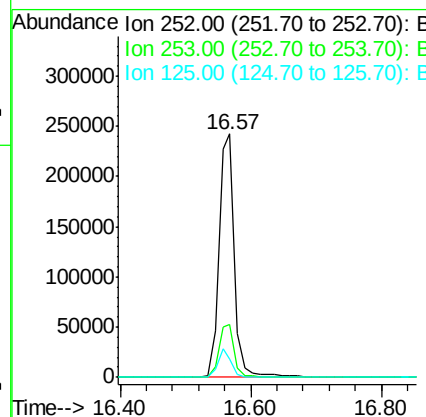
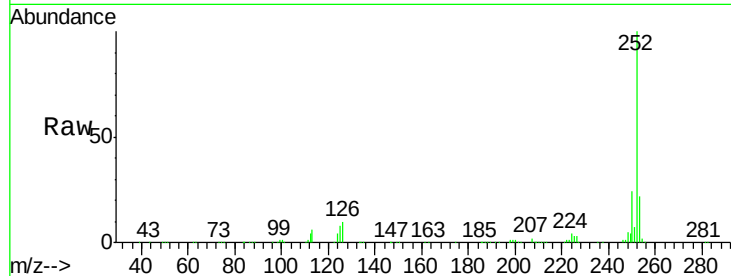
#89
Benzo(a)pyrene
Concen: 55.28 ng
RT: 16.57 min Scan# 1267
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	7.6	9.0	13.4

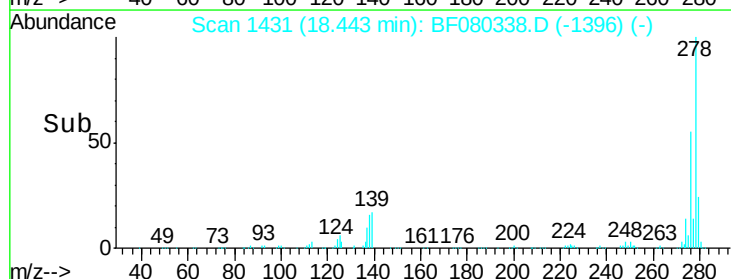
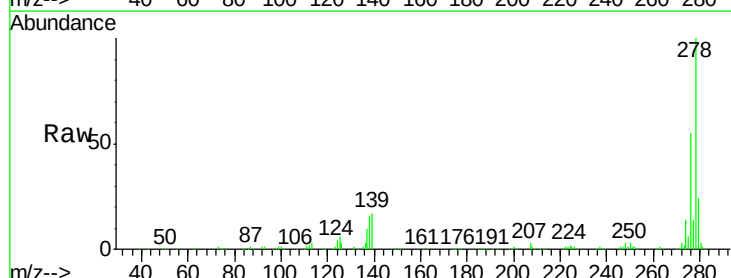
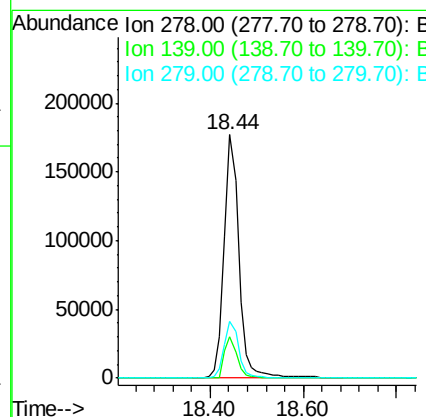
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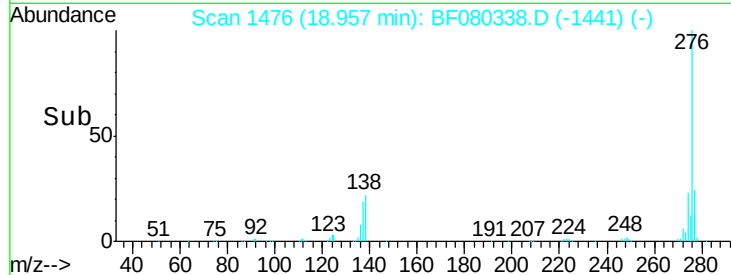
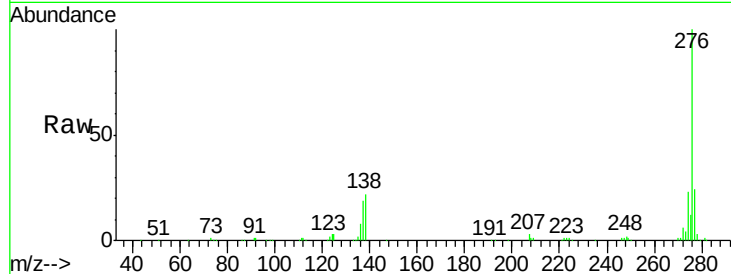
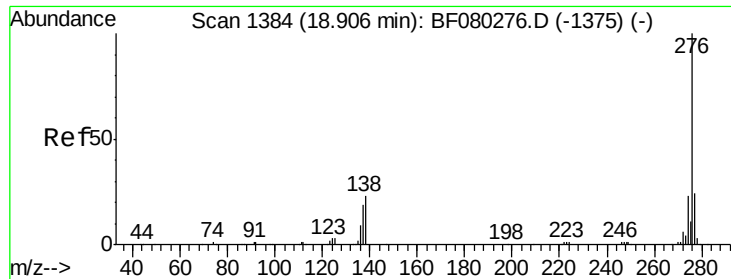
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#90
Dibenzo(a,h)anthracene
Concen: 56.34 ng
RT: 18.44 min Scan# 1431
Delta R.T. 0.10 min
Lab File: BF080338.D
Acq: 3 Jul 2015 11:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.6	21.8
279	23.5	18.7	28.1





#91

Benzo(g,h,i)perylene

Concen: 55.36 ng

RT: 18.96 min Scan# 1476

Delta R.T. 0.10 min

Lab File: BF080338.D

Acq: 3 Jul 2015 11:53

Instrument :

BNA_F

ClientSampleId :

BOTTOMNW-2-070115MSD

Tgt	Ion	276	Resp:	399827
Ion	Ratio	Lower	Upper	
276	100			
277	23.7	19.0	28.6	
138	22.2	18.1	27.1	

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