

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080315.D
 Acq On : 2 Jul 2015 18:31
 Operator : TP/UM
 Sample : PB84340BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Manual Integrations
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apatel
 7/6/2015 3:33:30 PM

Quant Time: Jul 03 04:52:25 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 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31380	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	119015	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	56158	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	112396	20.00	ng	-0.01
75) Chrysene-d12	14.81	240	130921	20.00	ng	-0.05
86) Perylene-d12	16.75	264	124103	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	136175	75.15	ng	0.00
7) Phenol-d6	6.84	99	167693	68.94	ng	0.00
23) Nitrobenzene-d5	7.80	82	148099	68.51	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	44126	82.52	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	327609	83.96	ng	0.00
78) Terphenyl-d14	13.49	244	367288	65.71	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	23998	110.36	ng	# 100
3) Pyridine	3.90	79	73074	32.58	ng	99
4) n-Nitrosodimethylamine	3.80	42	36853	36.89	ng	100
6) Aniline	6.90	93	83377	25.63	ng	90
8) 2-Chlorophenol	7.02	128	73986	37.17	ng	97
9) Benzaldehyde	6.78	77	38355	28.85	ng	96
10) Phenol	6.86	94	85785	31.88	ng	84
11) bis(2-Chloroethyl)ether	6.96	93	66583	32.72	ng	93
12) 1,3-Dichlorobenzene	7.18	146	87047	35.83	ng	99
13) 1,4-Dichlorobenzene	7.26	146	79330m	32.79	ng	
14) 1,2-Dichlorobenzene	7.41	146	82687	34.40	ng	96
15) Benzyl Alcohol	7.37	79	67083	35.82	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.50	45	106727	34.18	ng	99
17) 2-Methylphenol	7.47	107	53877	31.31	ng	96
18) Hexachloroethane	7.77	117	26253	34.76	ng	# 67
19) n-Nitroso-di-n-propylamine	7.63	70	46519	28.76	ng	92
20) 3+4-Methylphenols	7.63	107	77597	33.95	ng	89
22) Acetophenone	7.64	105	108450	39.00	ng	# 93
24) Nitrobenzene	7.81	77	73070	32.60	ng	94
25) Isophorone	8.05	82	142980	34.03	ng	96
26) 2-Nitrophenol	8.14	139	31903	32.59	ng	# 74
27) 2,4-Dimethylphenol	8.17	122	63857	35.54	ng	94
28) bis(2-Chloroethoxy)methane	8.26	93	88851	35.24	ng	97
29) 2,4-Dichlorophenol	8.38	162	58296	35.13	ng	90
30) 1,2,4-Trichlorobenzene	8.48	180	62415	32.24	ng	92
31) Naphthalene	8.56	128	218607m	36.06	ng	
32) Benzoic acid	8.22	122	13957	33.94	ng	95
33) 4-Chloroaniline	8.59	127	61756m	24.01	ng	
34) Hexachlorobutadiene	8.67	225	38447	31.53	ng	98
35) Caprolactam	8.92	113	16435	32.64	ng	92
36) 4-Chloro-3-methylphenol	9.06	107	59248	32.98	ng	86
37) 2-Methylnaphthalene	9.24	142	137772	33.19	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	63906	34.20	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	53202	73.00	ng	98

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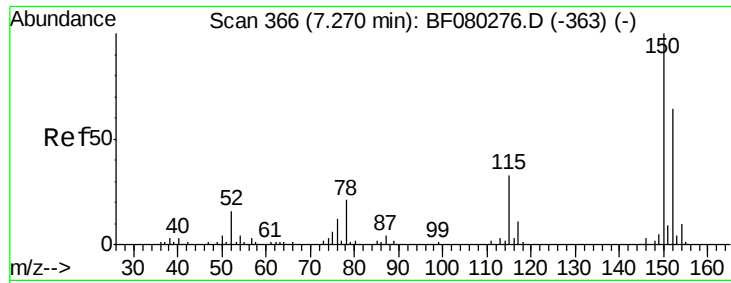
Manual Integrations
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 7/6/2015 3:33:30 PM

Quant Time: Jul 03 04:52:25 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 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	38775	32.78	ng	99
43) 2,4,5-Trichlorophenol	9.56	196	48223	37.84	ng #	92
45) 1,1'-Biphenyl	9.71	154	183884	38.51	ng	97
46) 2-Chloronaphthalene	9.74	162	132215	35.77	ng #	91
47) 2-Nitroaniline	9.82	65	40344	37.95	ng #	81
48) Acenaphthylene	10.16	152	215553	33.58	ng	99
49) Dimethylphthalate	10.00	163	159192	37.11	ng	99
50) 2,6-Dinitrotoluene	10.06	165	35391	40.36	ng #	68
51) Acenaphthene	10.34	154	141838	38.37	ng	91
52) 3-Nitroaniline	10.24	138	31876	31.69	ng	84
53) 2,4-Dinitrophenol	10.35	184	26359	76.46	ng #	1
54) Dibenzofuran	10.51	168	195865	37.55	ng	92
55) 4-Nitrophenol	10.38	139	61113	82.19	ng #	73
56) 2,4-Dinitrotoluene	10.48	165	43747	38.47	ng #	67
57) Fluorene	10.85	166	167453	38.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	39473	39.74	ng	96
59) Diethylphthalate	10.70	149	165822	40.67	ng	95
60) 4-Chlorophenyl-phenylether	10.84	204	74578	38.12	ng #	83
61) 4-Nitroaniline	10.85	138	35187	34.42	ng	80
62) Azobenzene	11.00	77	146993	35.05	ng	85
64) 4,6-Dinitro-2-methylphenol	10.89	198	20810	45.24	ng #	47
65) n-Nitrosodiphenylamine	10.96	169	133112	36.04	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	47917	39.45	ng #	85
67) Hexachlorobenzene	11.41	284	51143	39.28	ng #	83
68) Atrazine	11.47	200	40135	35.95	ng	91
69) Pentachlorophenol	11.61	266	48320	69.36	ng	98
70) Phenanthrene	11.84	178	256964	38.16	ng	100
71) Anthracene	11.88	178	243102	37.63	ng	100
72) Carbazole	12.04	167	226042	37.41	ng	99
73) Di-n-butylphthalate	12.37	149	242159	37.36	ng	99
74) Fluoranthene	13.09	202	269040	38.67	ng	98
76) Benzidine	13.21	184	168469	43.94	ng	99
77) Pyrene	13.34	202	287918	34.36	ng	100
79) Butylbenzylphthalate	14.05	149	105998	32.99	ng #	76
80) Benzo(a)anthracene	14.80	228	284146	35.92	ng	99
81) 3,3'-Dichlorobenzidine	14.74	252	61555	23.83	ng	99
82) Chrysene	14.84	228	266067	36.48	ng	99
83) Bis(2-ethylhexyl)phthalate	14.79	149	157995	34.93	ng	99
84) Di-n-octyl phthalate	15.64	149	257750	33.82	ng	100
85) Indeno(1,2,3-cd)pyrene	18.56	276	296789	36.19	ng	98
87) Benzo(b)fluoranthene	16.23	252	257688	32.87	ng	98
88) Benzo(k)fluoranthene	16.26	252	281979m	38.20	ng	
89) Benzo(a)pyrene	16.67	252	266414	37.29	ng	100
90) Dibenzo(a,h)anthracene	18.58	278	254221	37.93	ng #	96
91) Benzo(g,h,i)perylene	19.09	276	256317	36.65	ng	95

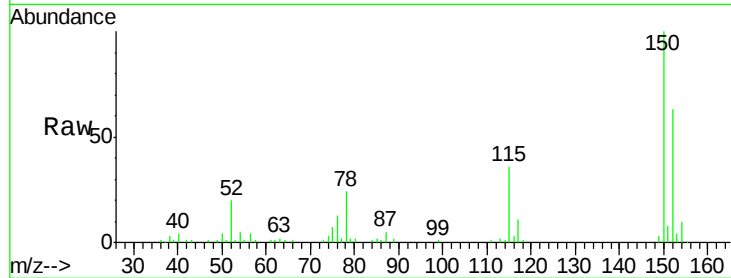
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

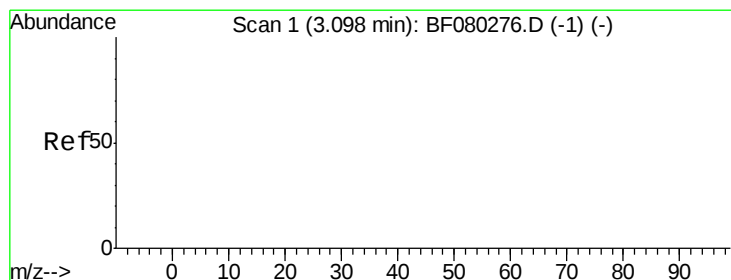
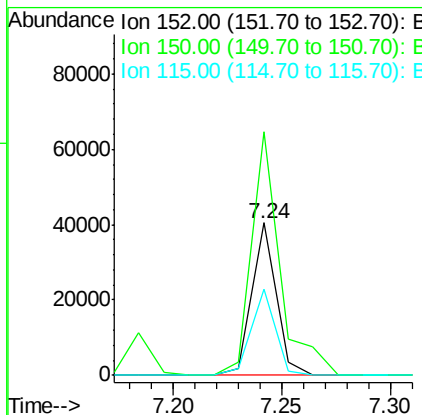
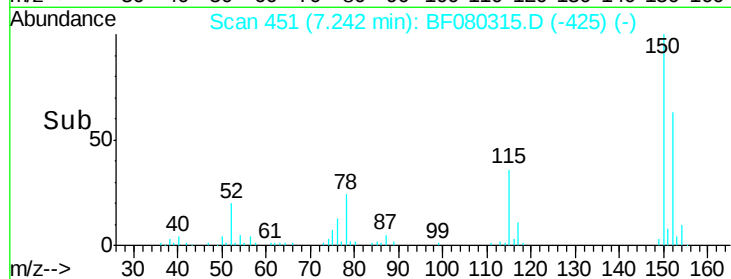
Instrument :
BNA_F
ClientSampleId :
PB84340BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	56.9	41.0	61.6

Manual Integrations
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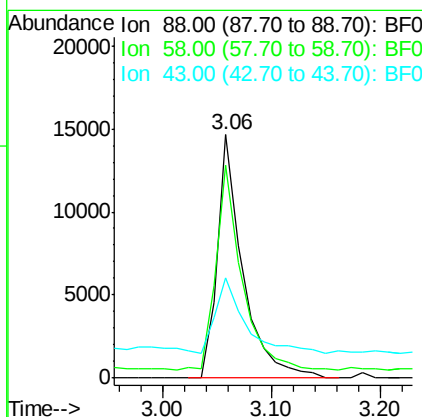
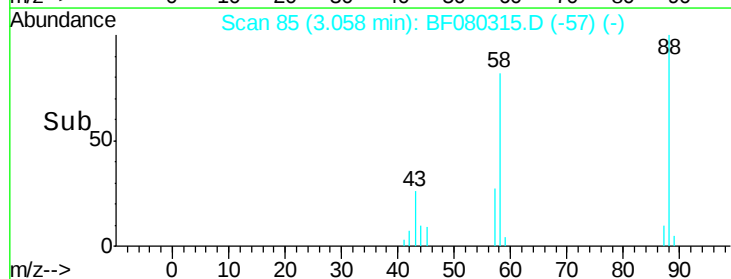
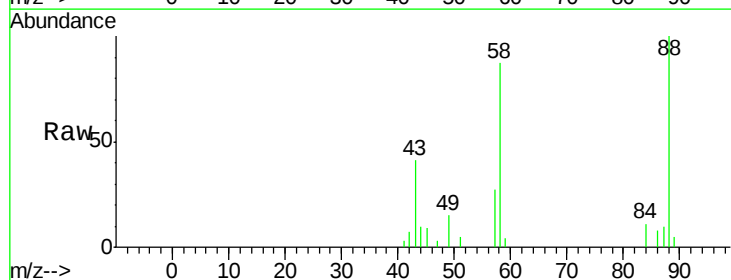
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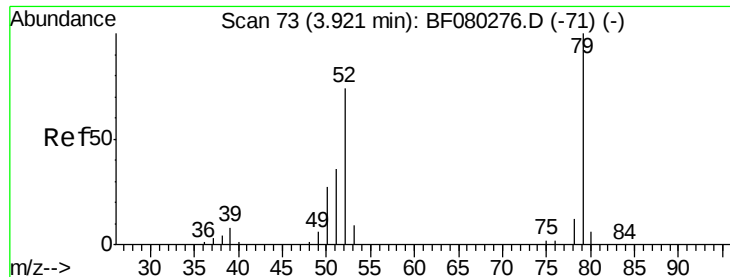


#2

1,4-Dioxane
Concen: 110.36 ng
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	0.0	0.0#
43	36.4	0.0	0.0#





#3

Pyridine

Concen: 32.58 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

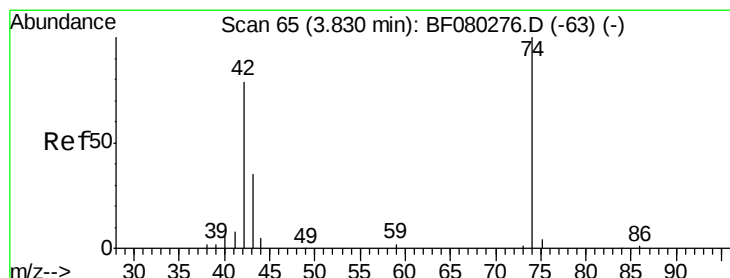
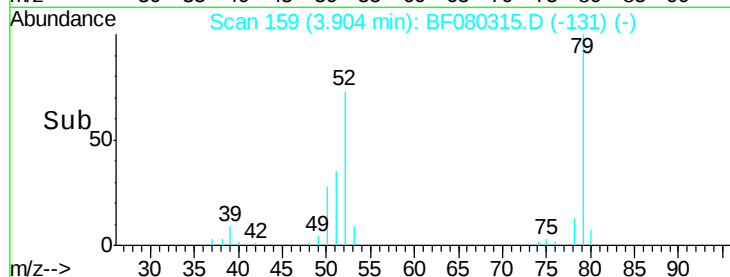
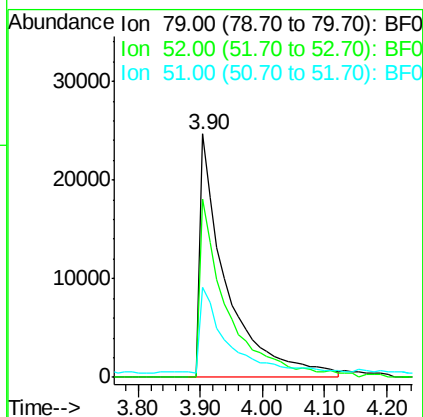
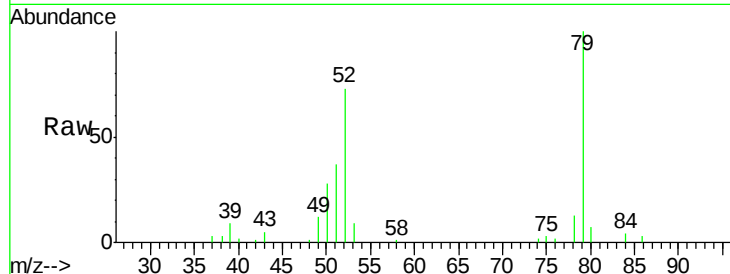
ClientSampleId :

PB84340BS

Tgt Ion:	79	Resp:	73074
Ion	Ratio	Lower	Upper
79	100		
52	73.3	59.3	88.9
51	37.2	29.0	43.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.89 ng

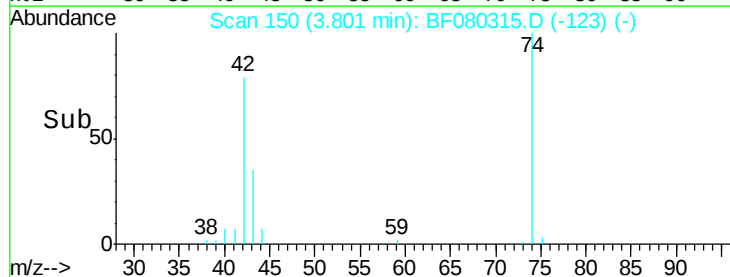
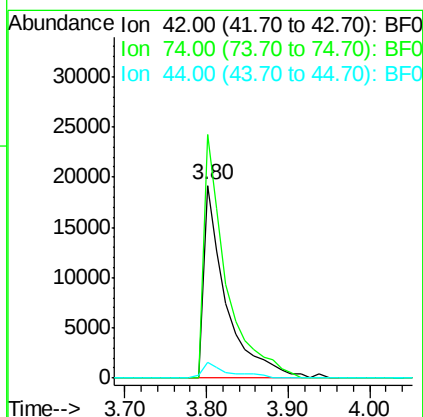
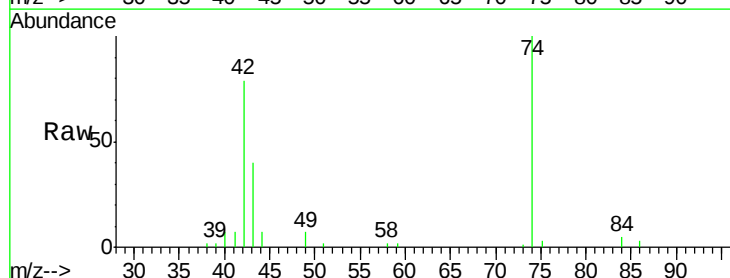
RT: 3.80 min Scan# 150

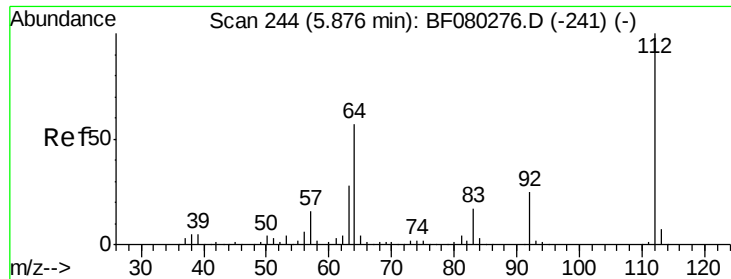
Delta R.T. 0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	42	Resp:	36853
Ion	Ratio	Lower	Upper
42	100		
74	126.4	101.4	152.2
44	8.5	6.3	9.5





#5

2-Fluorophenol

Concen: 75.15 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080315.D

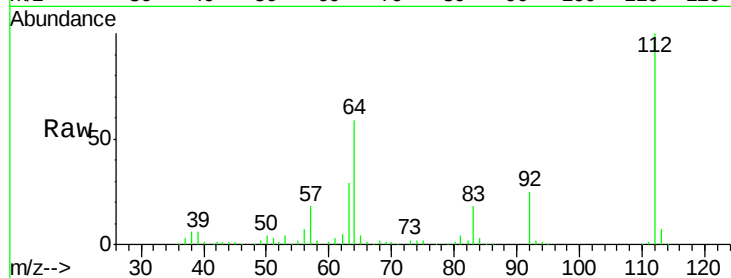
Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

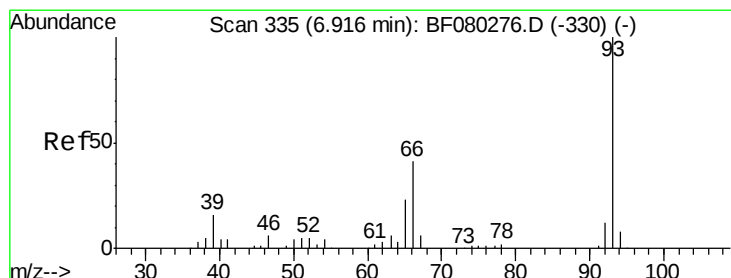
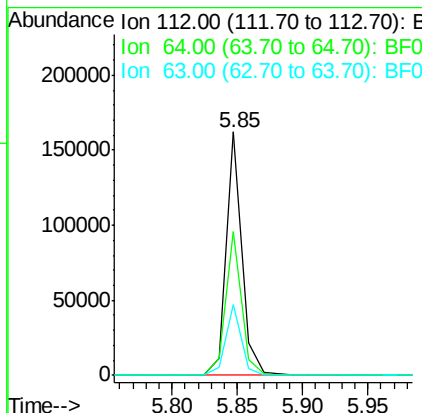
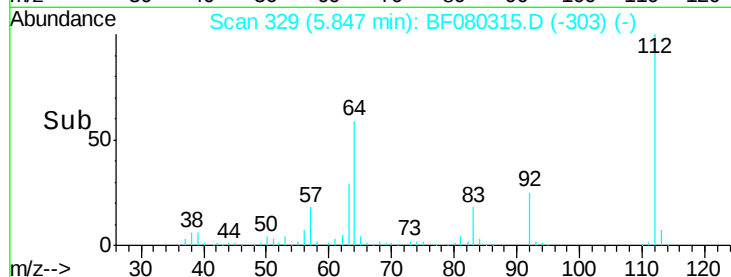
PB84340BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	136175		
64	59.2	45.5	68.3	
63	29.3	22.4	33.6	

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#6

Aniline

Concen: 25.63 ng

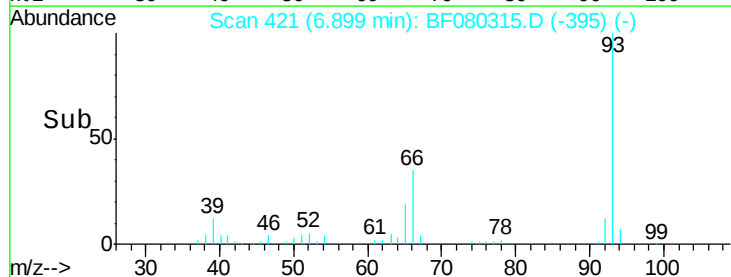
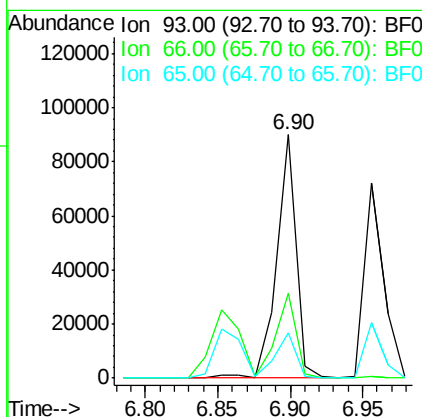
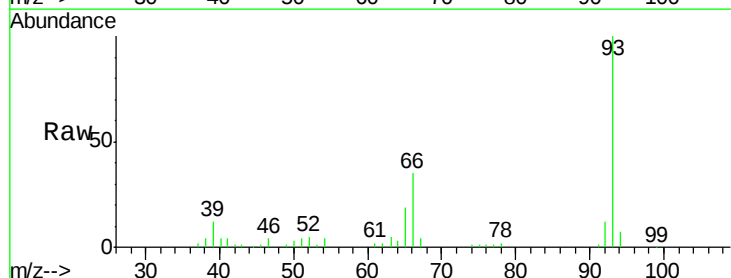
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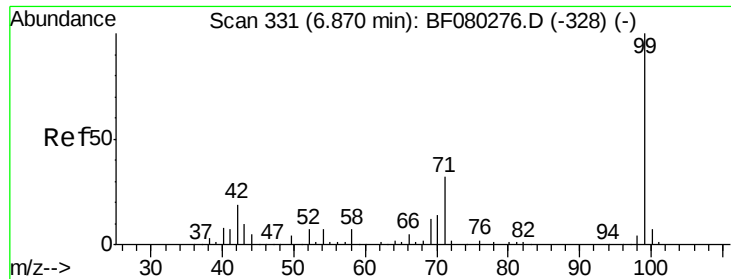
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	83377		
66	35.1	33.7	50.5	
65	18.7	18.3	27.5	





#7

Phenol-d6

Concen: 68.94 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

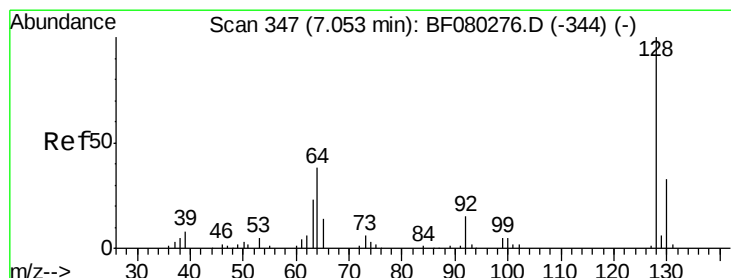
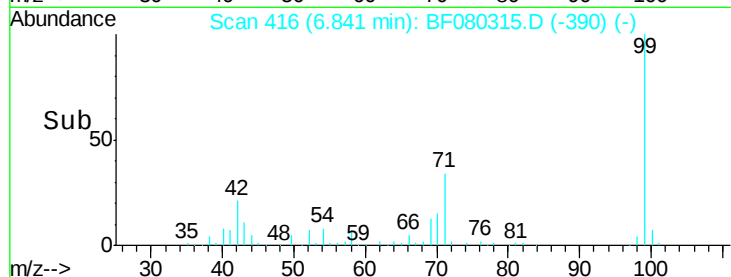
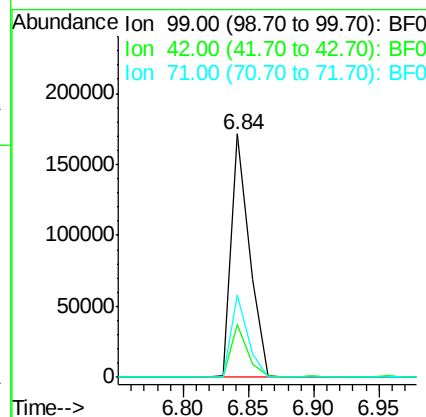
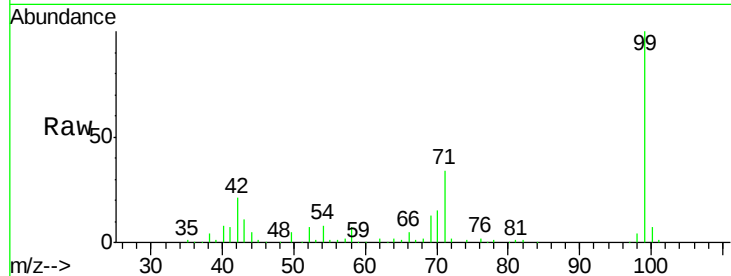
ClientSampleId :

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Tgt Ion:	99	Resp:	167693
Ion Ratio	Lower	Upper	
99	100		
42	21.5	15.4	23.2
71	33.6	25.8	38.8

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#8

2-Chlorophenol

Concen: 37.17 ng

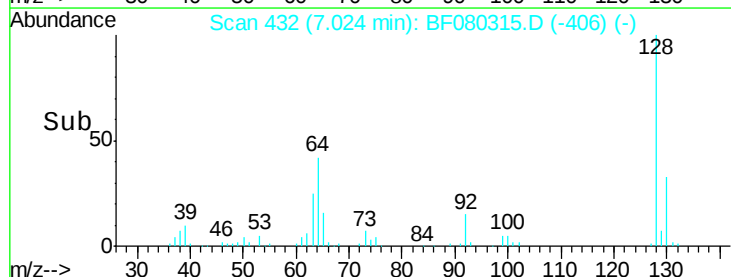
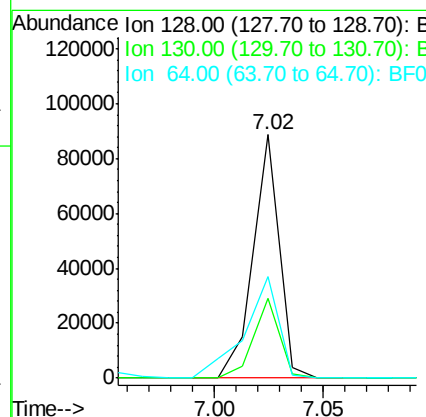
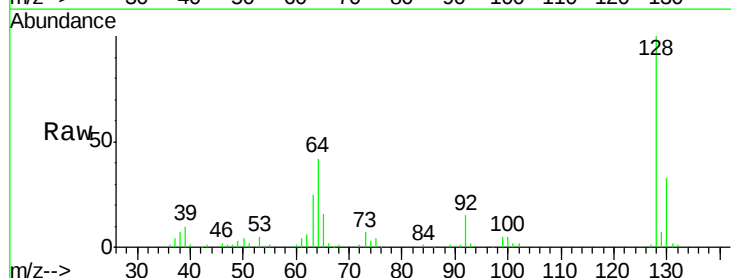
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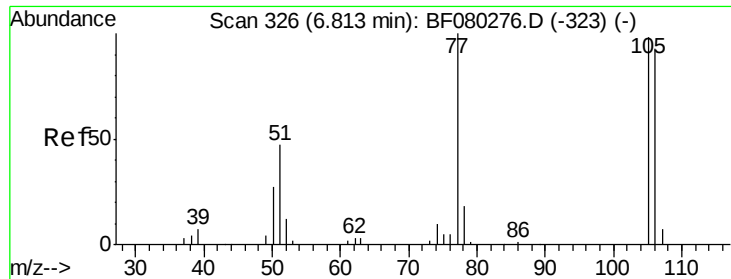
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	128	Resp:	73986
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.4	53.4
64	41.9	18.5	58.5





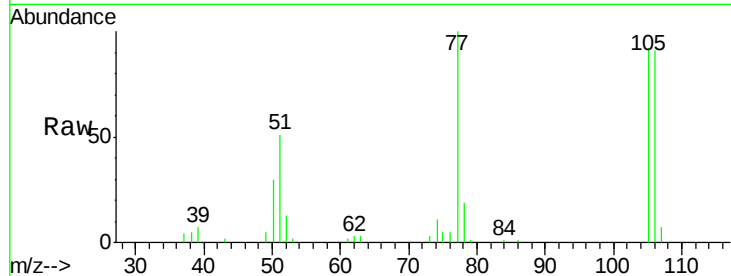
#9
Benzaldehyde
Concen: 28.85 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

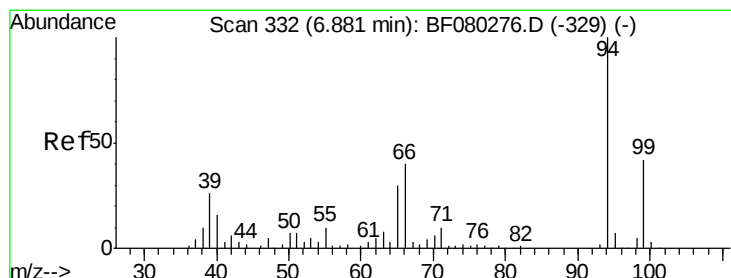
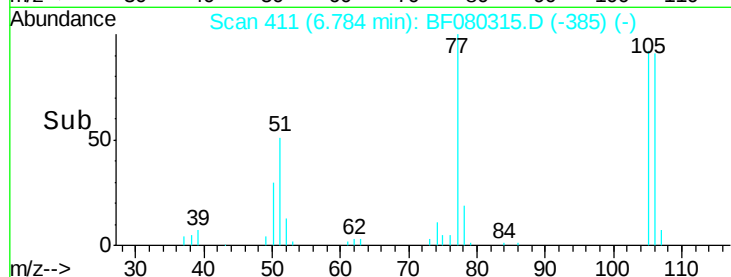
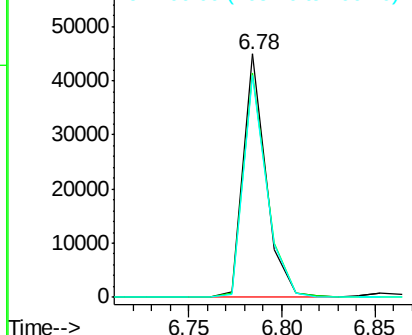
Tgt Ion: 77 Resp: 38355
Ion Ratio Lower Upper
77 100
105 92.3 78.2 118.2
106 91.4 72.5 112.5

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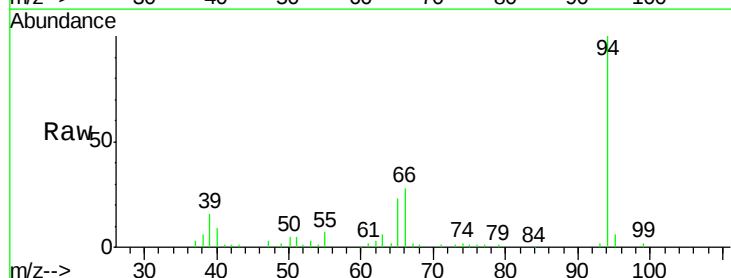


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

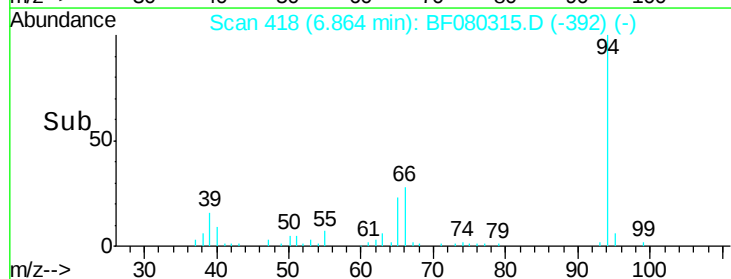
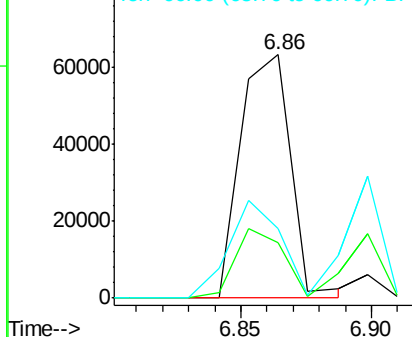


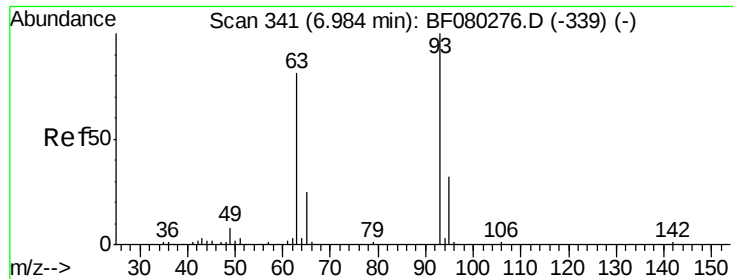
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Phenol
Concen: 31.88 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion: 94 Resp: 85785
Ion Ratio Lower Upper
94 100
65 22.6 9.6 49.6
66 28.4 19.7 59.7



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





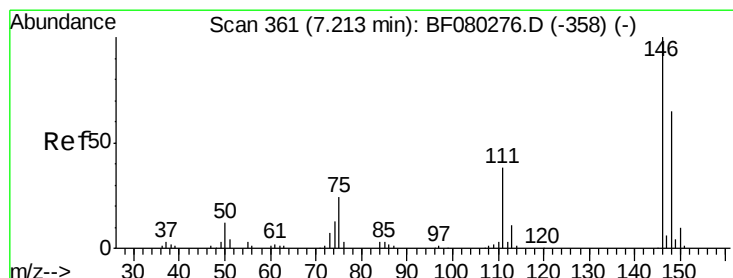
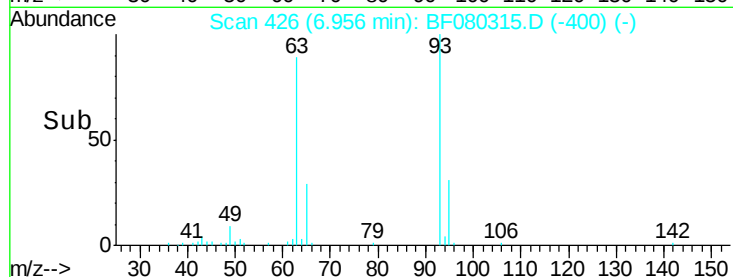
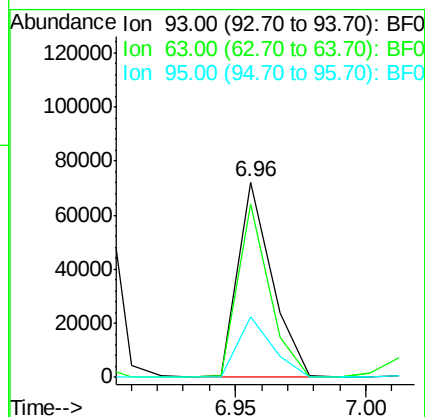
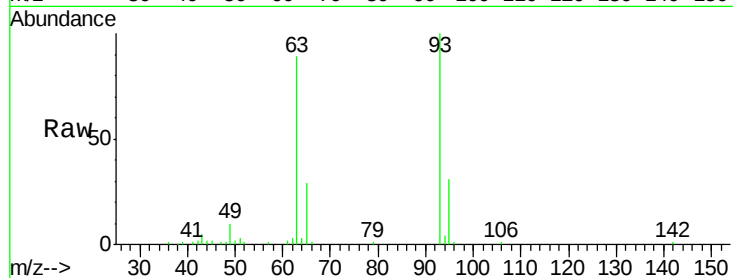
#11
bis(2-Chloroethyl)ether
Concen: 32.72 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.9	61.0	101.0
95	31.2	12.0	52.0

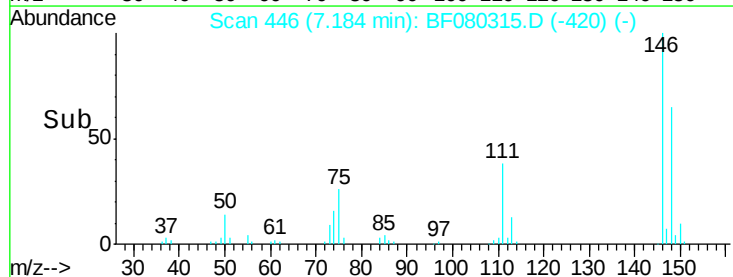
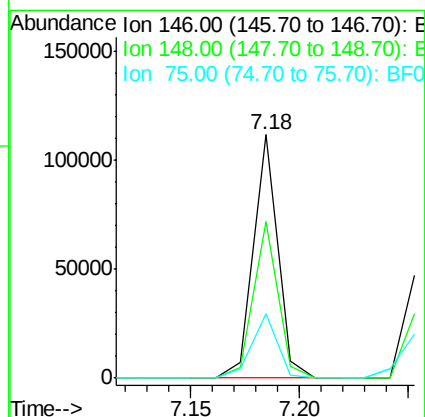
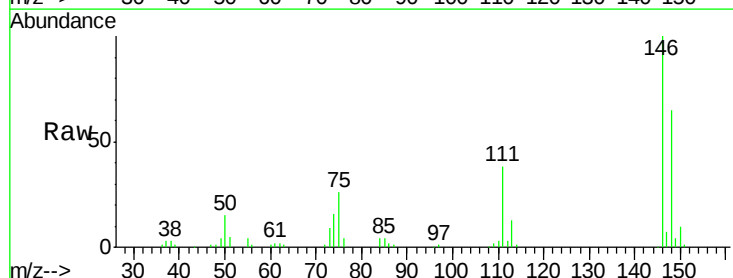
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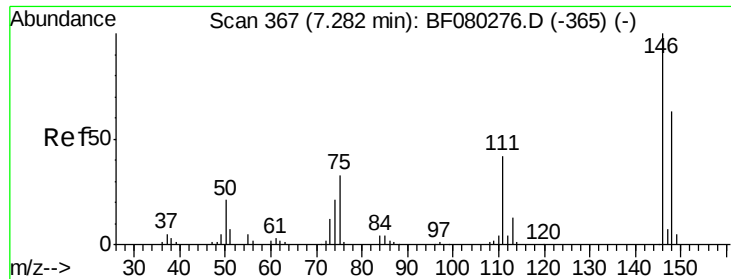
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#12
1,3-Dichlorobenzene
Concen: 35.83 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
75	26.5	19.4	29.2





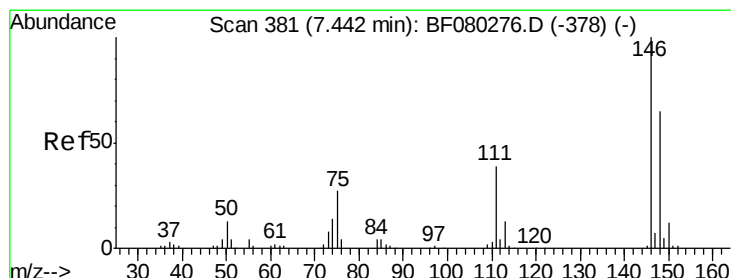
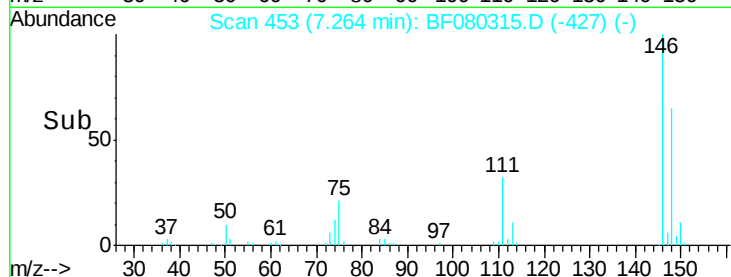
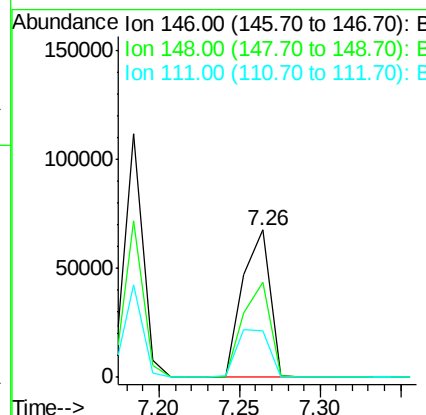
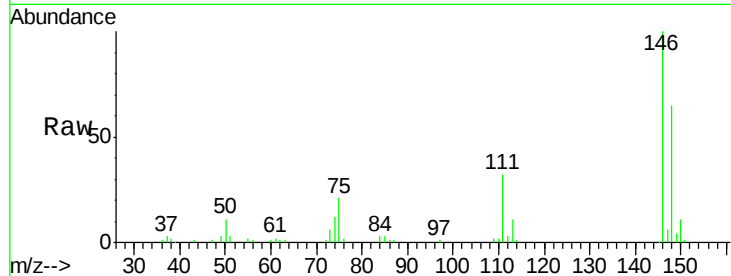
#13
 1,4-Dichlorobenzene
 Concen: 32.79 ng m
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.2	75.2
111	32.0	33.8	50.8#

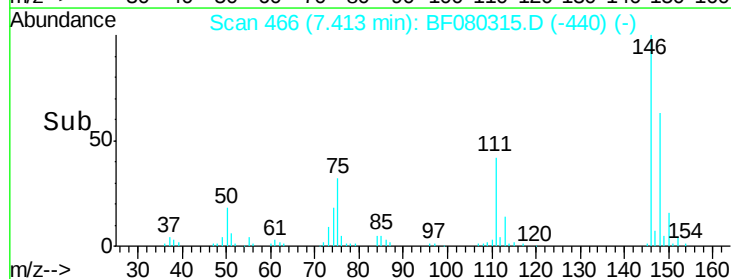
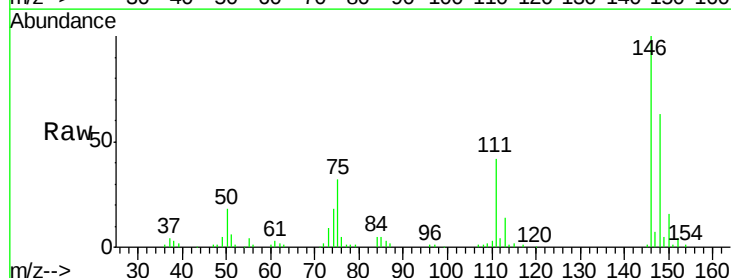
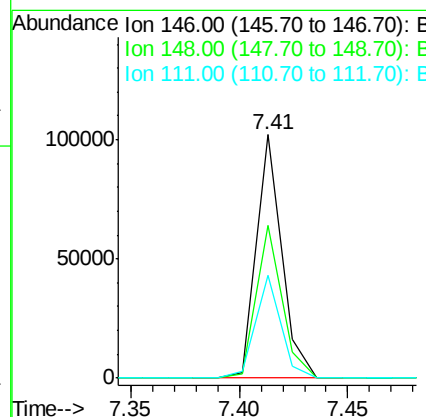
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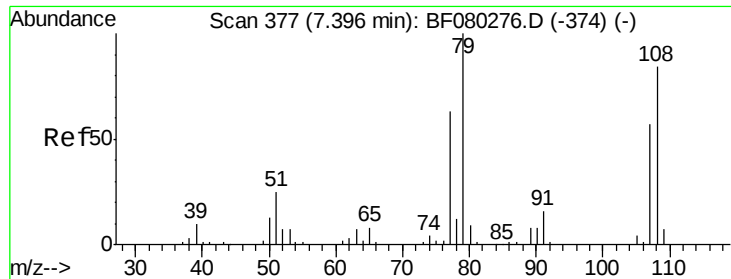
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#14
 1,2-Dichlorobenzene
 Concen: 34.40 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.2	78.4
111	42.4	31.6	47.4





#15

Benzyl Alcohol

Concen: 35.82 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

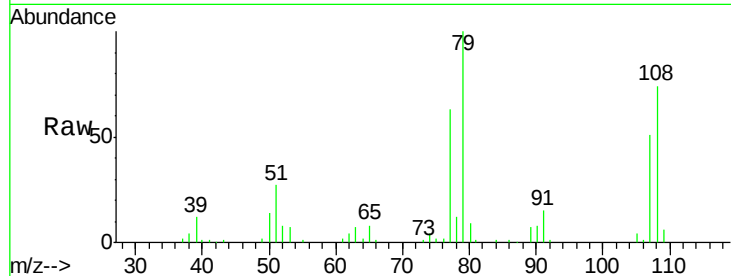
ClientSampleId :

PB84340BS

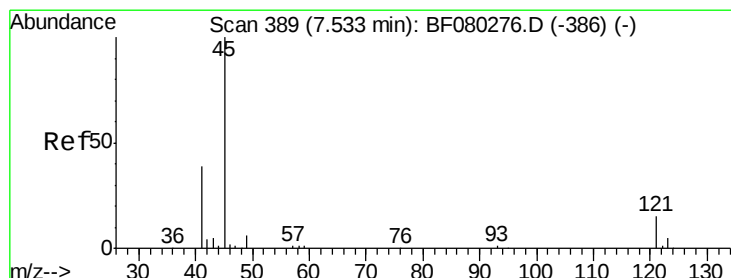
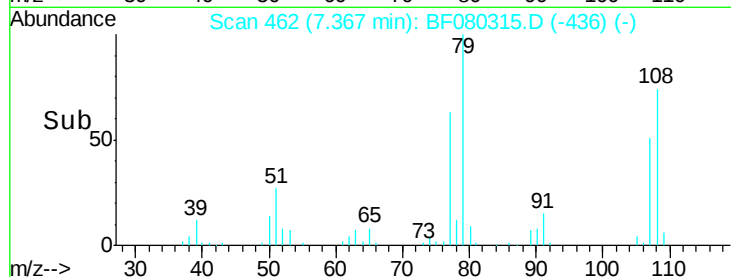
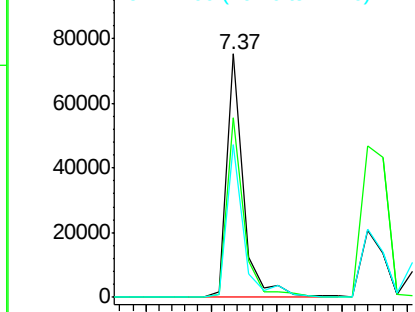
Tgt Ion:	79	Resp:	67083
Ion Ratio	Lower	Upper	
79	100		
108	73.7	67.1	100.7
77	62.7	50.7	76.1

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Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.18 ng

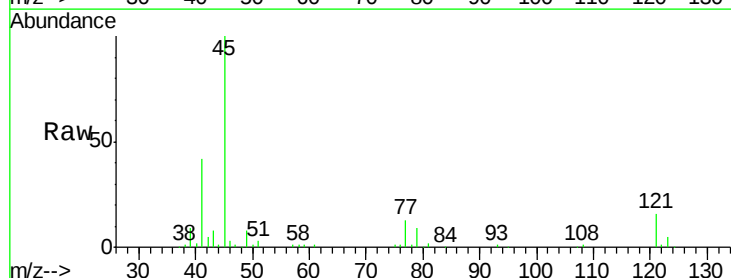
RT: 7.50 min Scan# 474

Delta R.T. -0.01 min

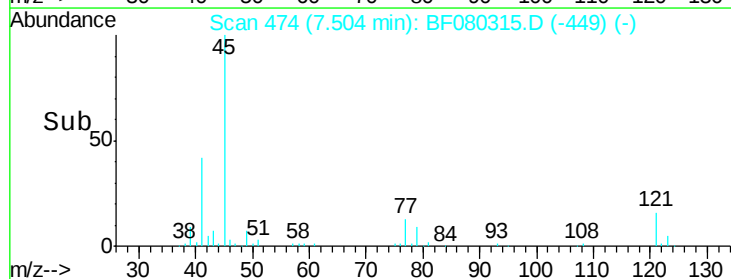
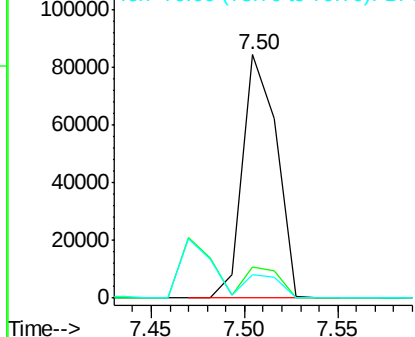
Lab File: BF080315.D

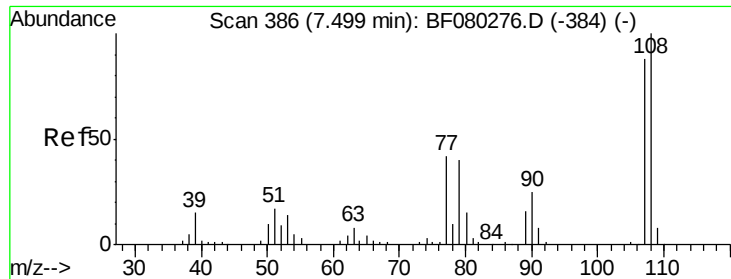
Acq: 2 Jul 2015 18:31

Tgt Ion:	45	Resp:	106727
Ion Ratio	Lower	Upper	
45	100		
77	12.7	0.0	32.0
79	9.5	0.0	29.3



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





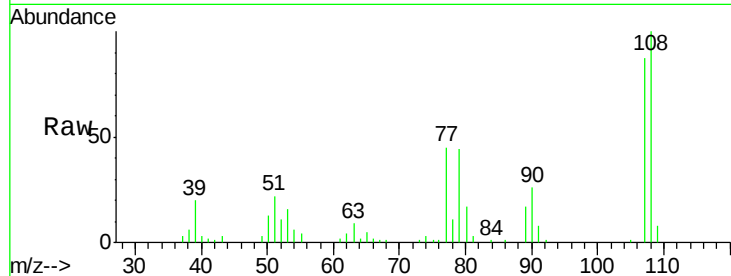
#17
2-Methylphenol
Concen: 31.31 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

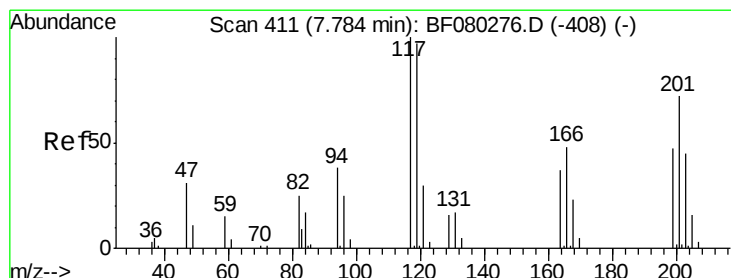
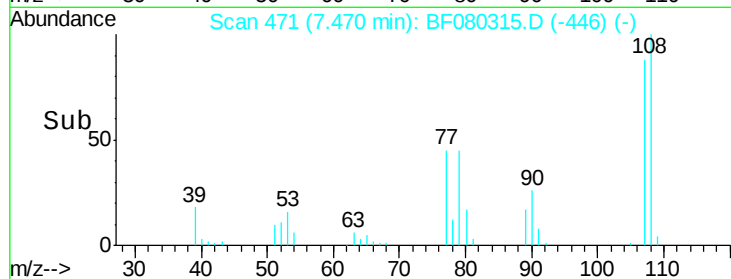
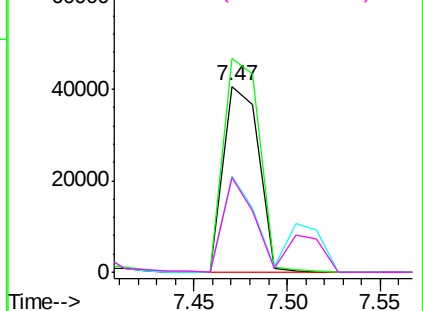
Tgt Ion:	107	Resp:	53877
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.6	136.0
77	51.5	38.0	57.0
79	50.9	36.4	54.6

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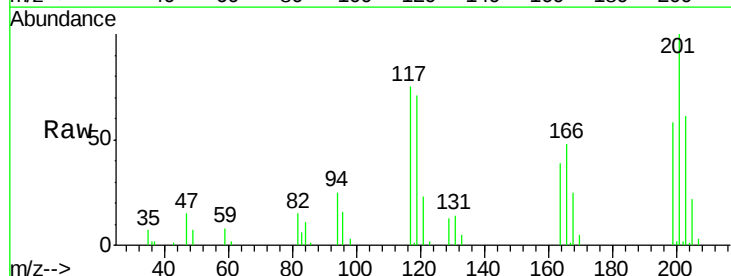


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

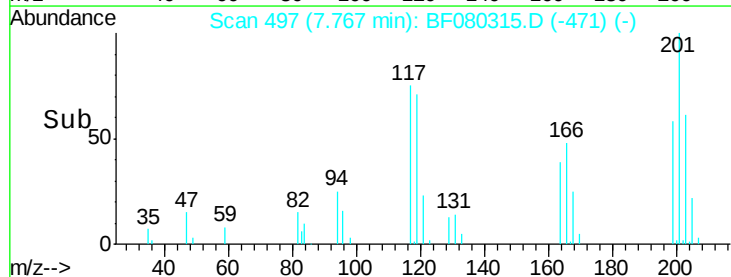
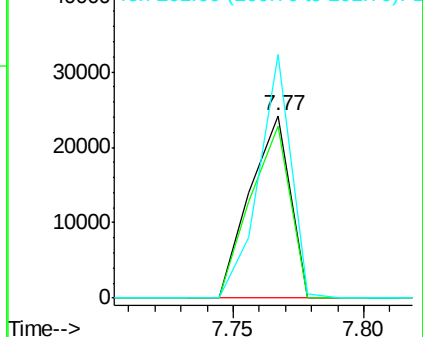


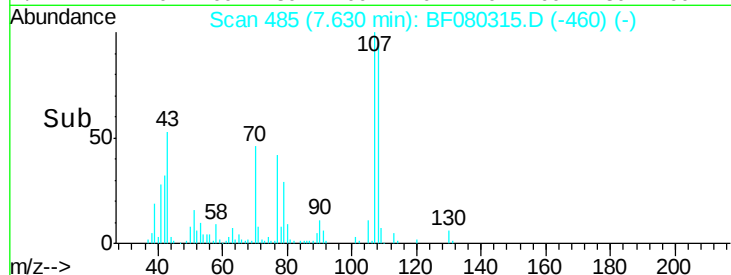
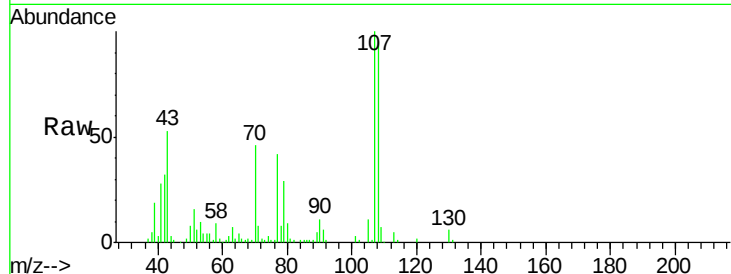
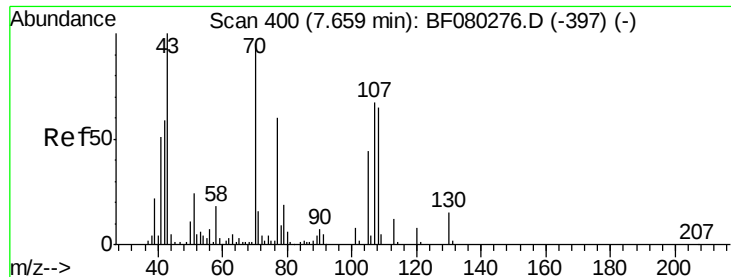
#18
Hexachloroethane
Concen: 34.76 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion:	117	Resp:	26253
Ion Ratio	Lower	Upper	
117	100		
119	94.4	77.3	115.9
201	133.3	57.5	86.3#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





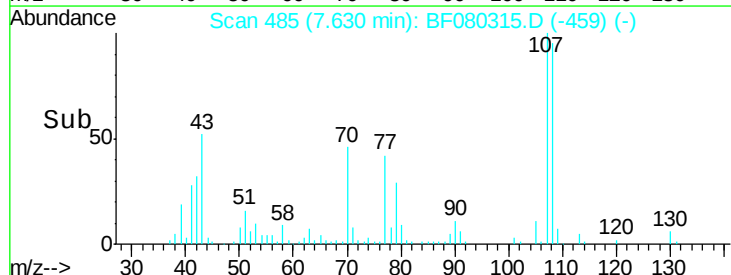
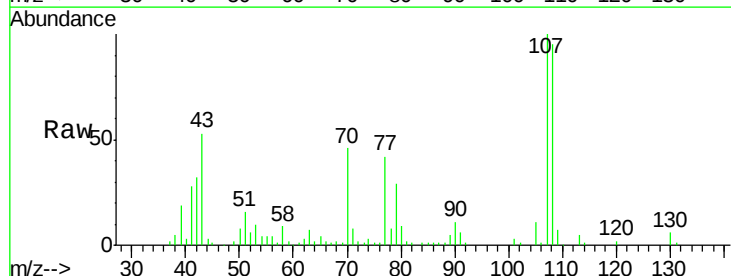
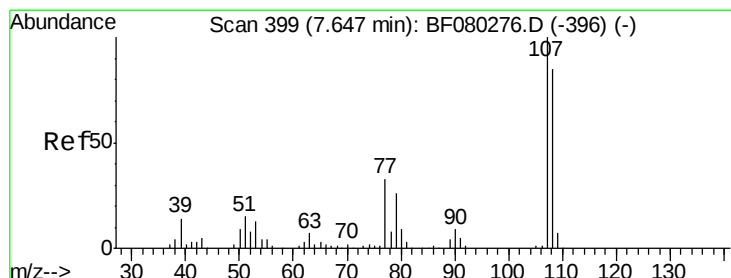
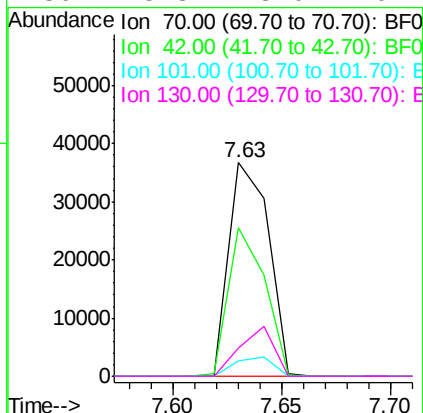
#19
n-Nitroso-di-n-propylamine
Concen: 28.76 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

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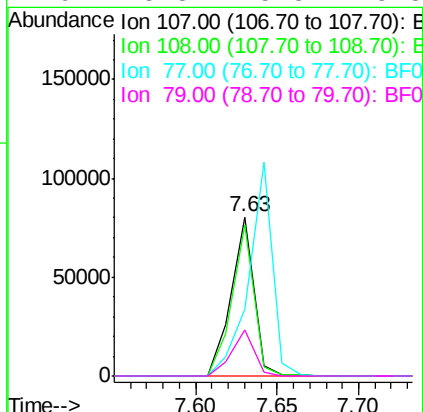
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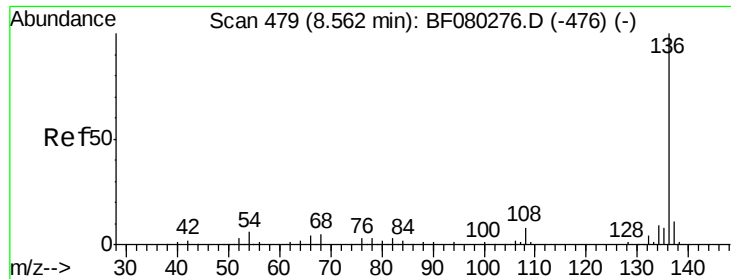
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.7	49.8	74.8	
101	7.3	6.8	10.2	
130	13.3	13.0	19.4	



#20
3+4-Methylphenols
Concen: 33.95 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.3	64.9	104.9	
77	42.0	12.9	52.9	
79	28.8	5.8	45.8	





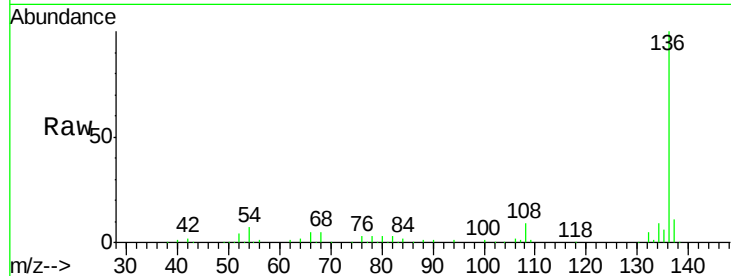
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

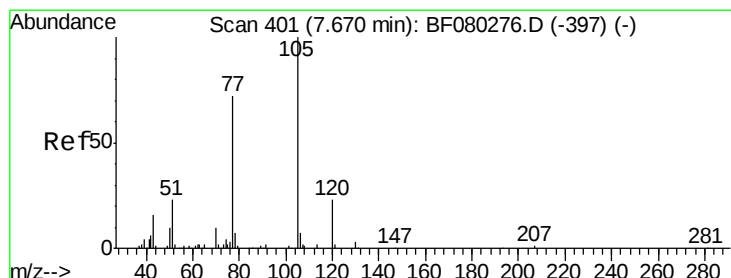
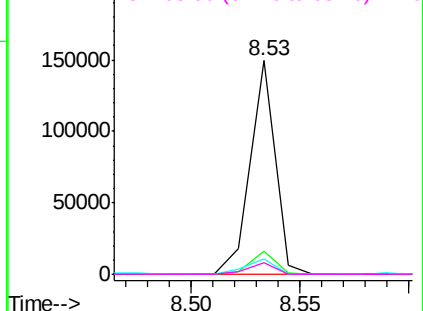
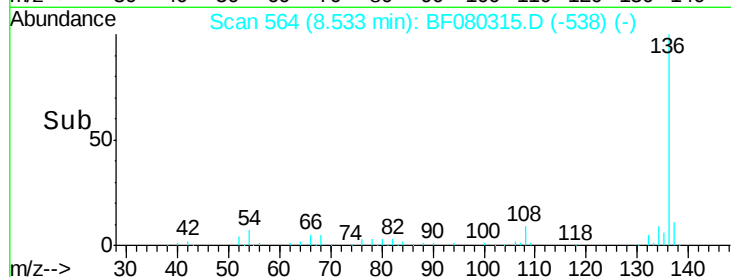
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	119015		
137	10.6	8.4	12.6	
54	7.5	4.9	7.3	
68	5.3	4.0	6.0	

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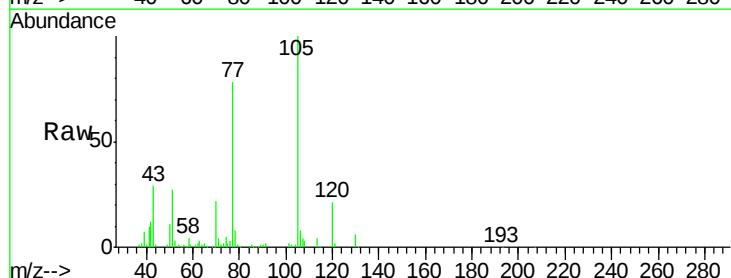


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

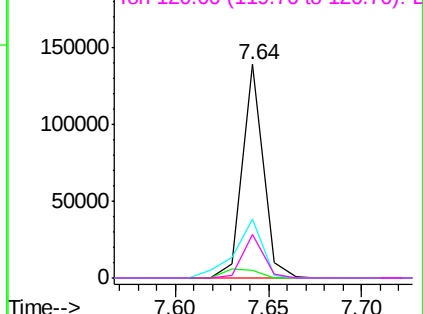
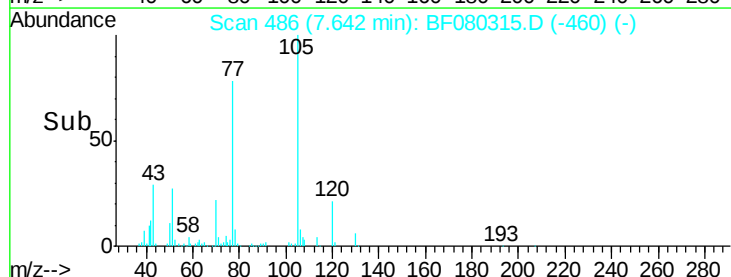


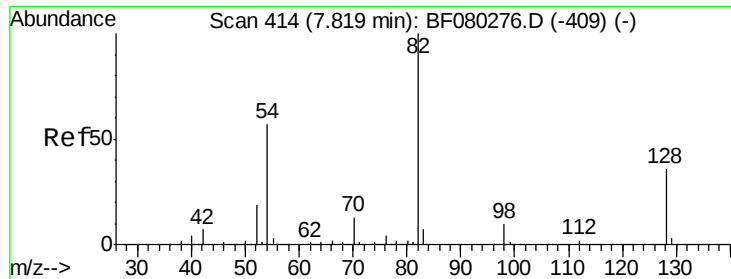
#22
Acetophenone
Concen: 39.00 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	108450		
71	3.8	1.4	2.0	
51	27.5	18.5	27.7	
120	20.5	18.1	27.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





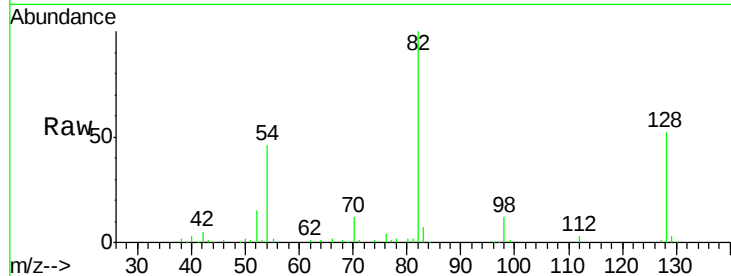
#23
 Nitrobenzene-d5
 Concen: 68.51 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

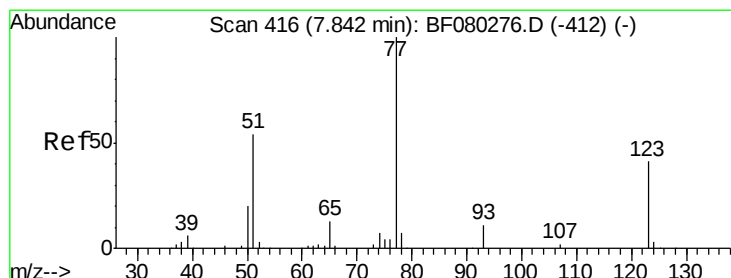
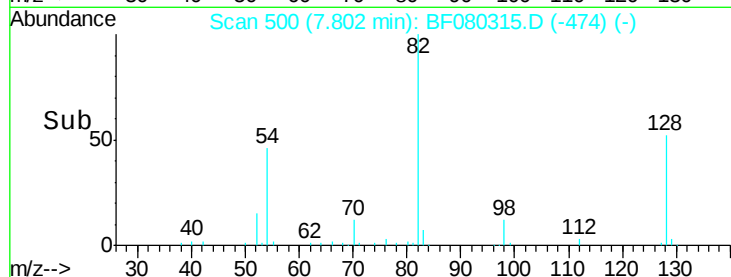
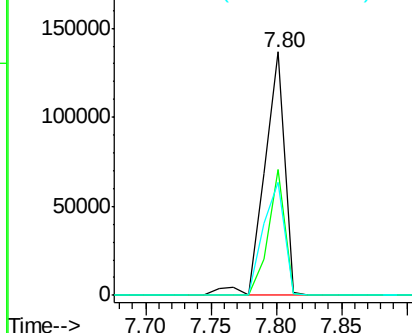
Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	51.5	29.0	43.4#	
54	46.5	45.3	67.9	

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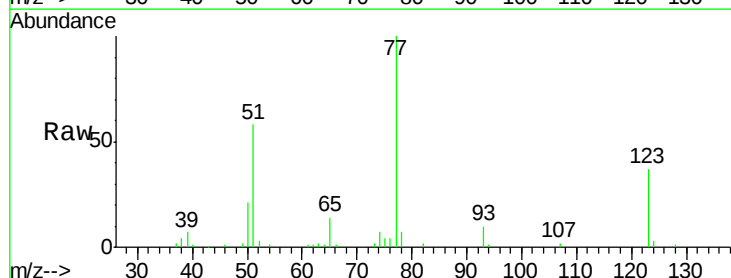


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

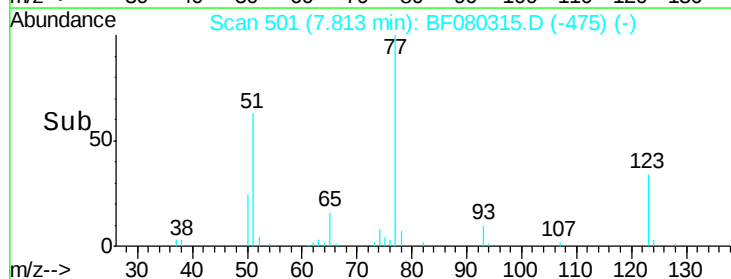
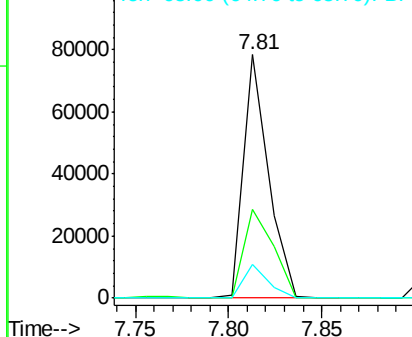


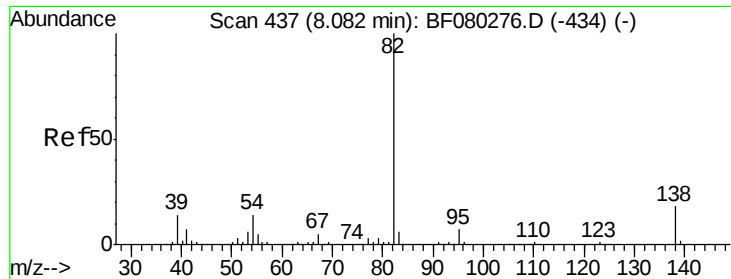
#24
 Nitrobenzene
 Concen: 32.60 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.5	33.0	49.6	
65	14.0	10.6	15.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.03 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

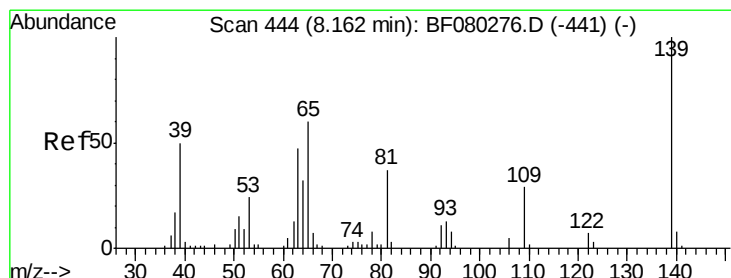
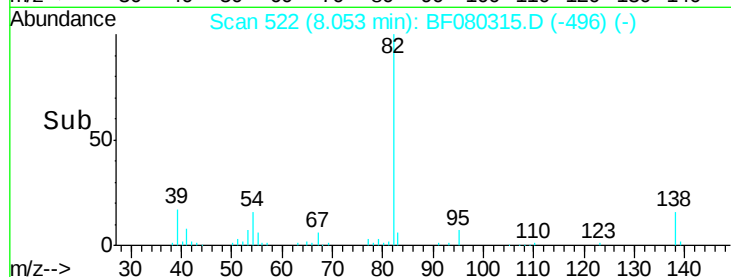
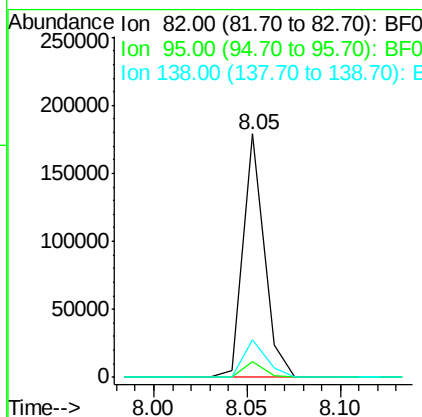
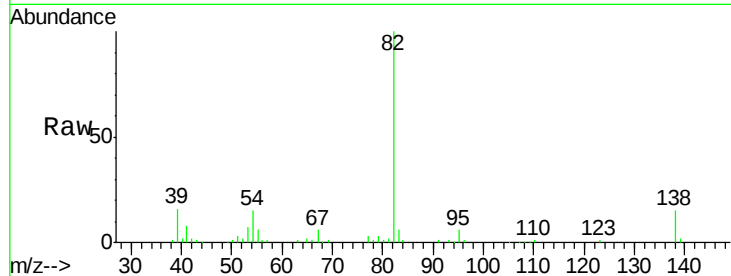
ClientSampleId :

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Tgt Ion:	82	Resp:	142980
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.3	7.9
138	15.5	14.4	21.6

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#26

2-Nitrophenol

Concen: 32.59 ng

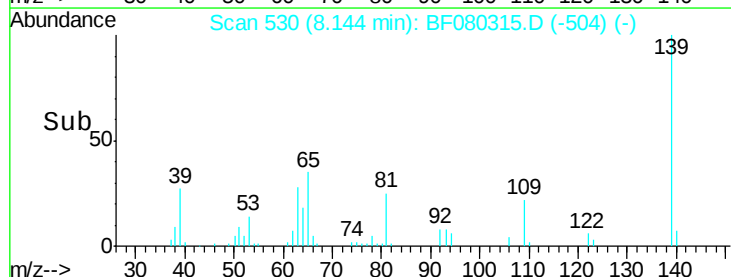
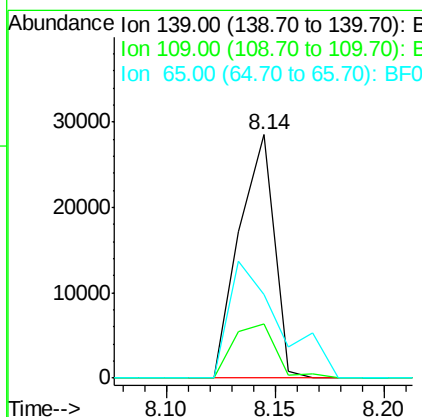
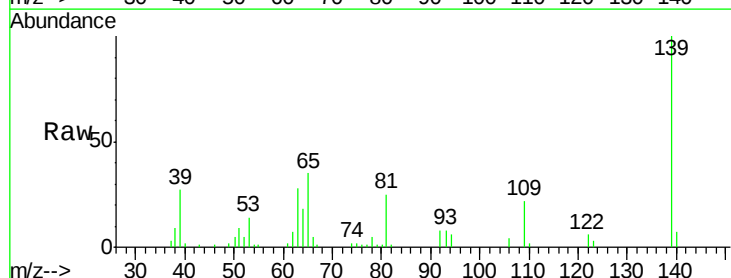
RT: 8.14 min Scan# 530

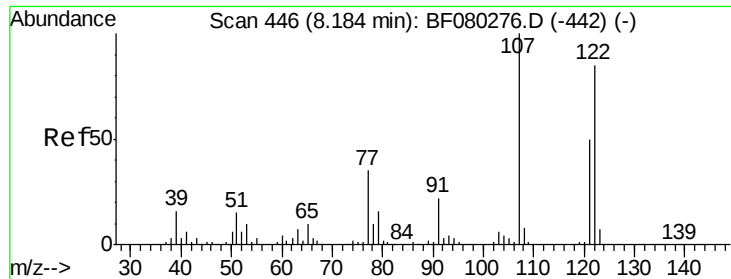
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	139	Resp:	31903
Ion Ratio		Lower	Upper
139	100		
109	22.3	23.1	34.7#
65	34.6	47.6	71.4#





#27

2,4-Dimethylphenol

Concen: 35.54 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF080315.D

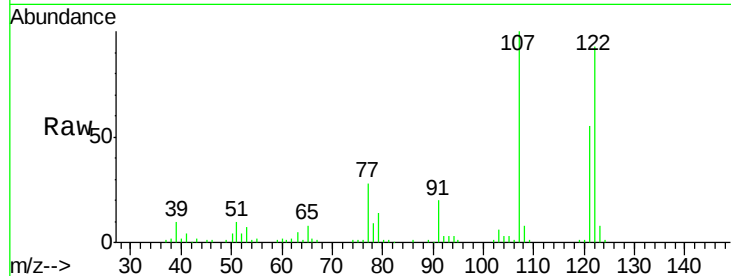
Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

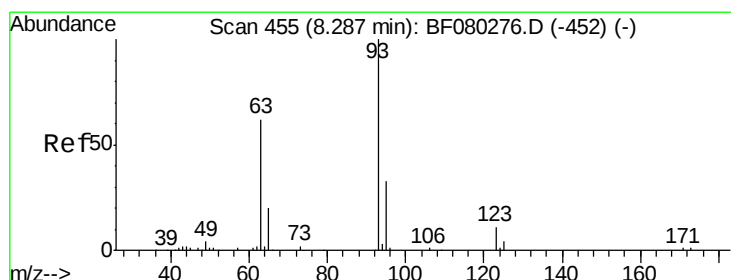
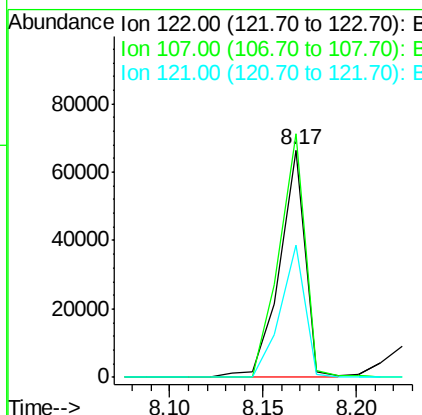
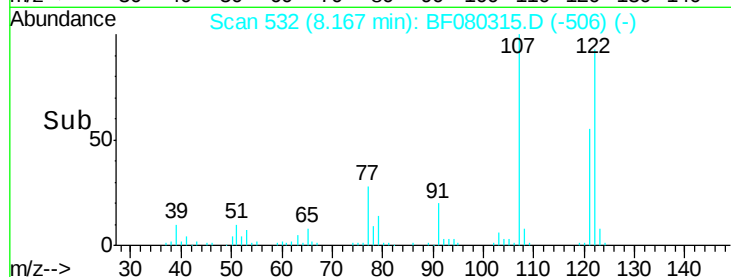
PB84340BS



Tgt Ion:	122	Resp:	63857
Ion Ratio	Lower	Upper	
122	100		
107	107.0	93.7	140.5
121	58.4	46.9	70.3

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#28

bis(2-Chloroethoxy)methane

Concen: 35.24 ng

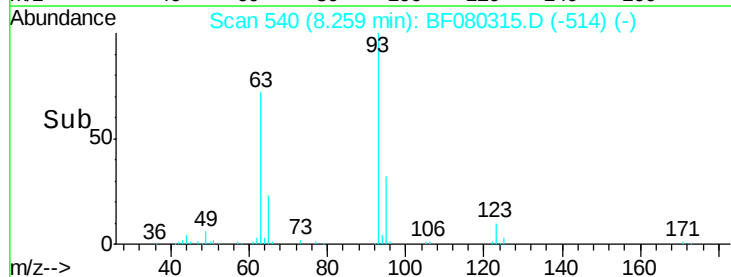
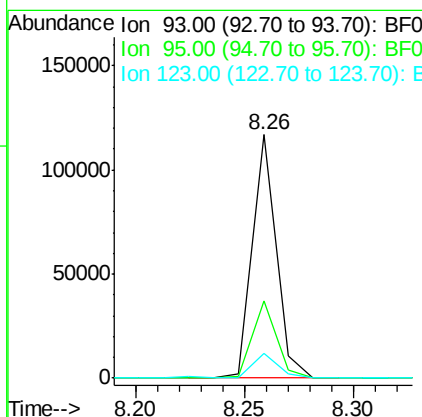
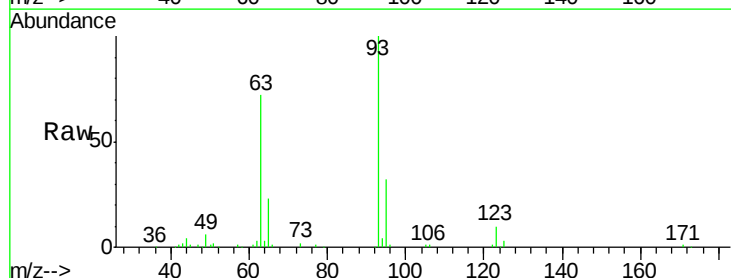
RT: 8.26 min Scan# 540

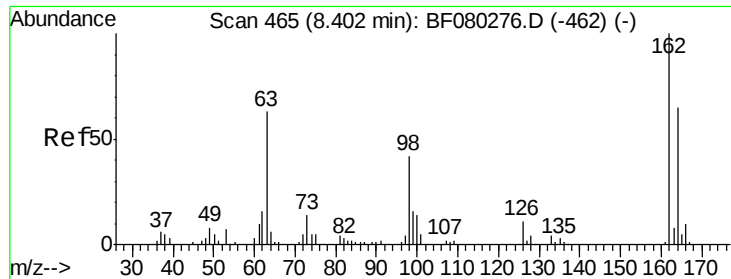
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	93	Resp:	88851
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.6	39.8
123	10.2	9.2	13.8





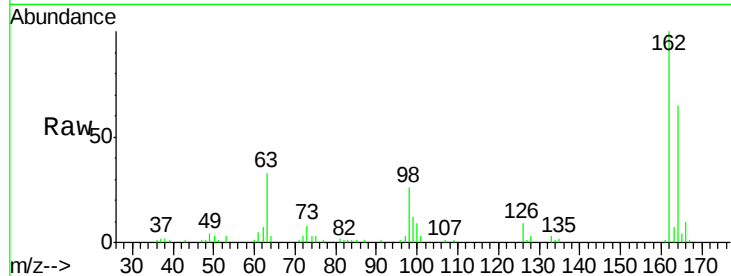
#29
2,4-Dichlorophenol
Concen: 35.13 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

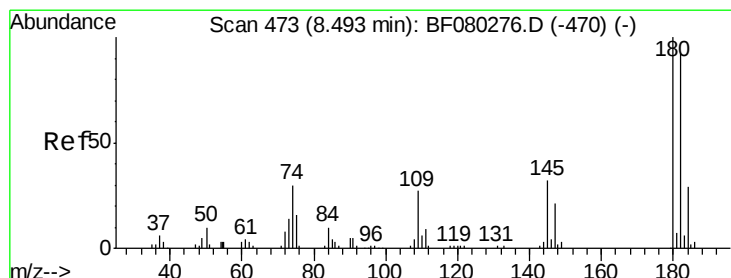
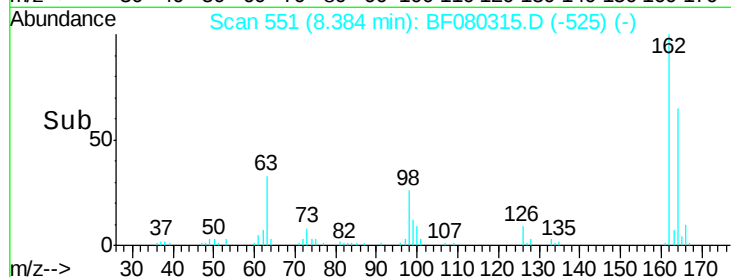
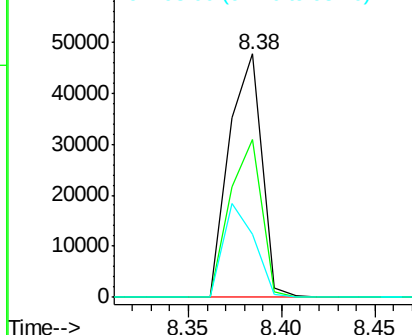
Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.6	44.6	84.6
98	25.9	21.7	61.7

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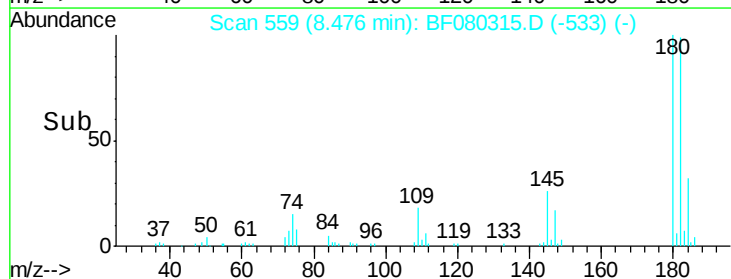
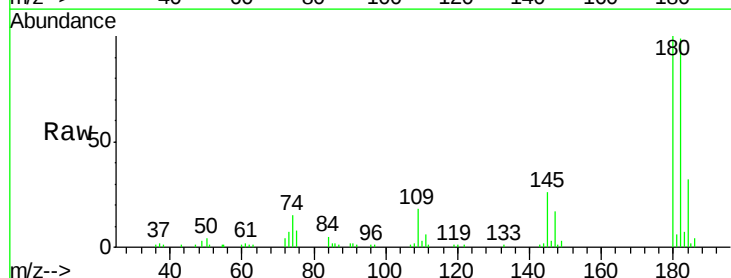
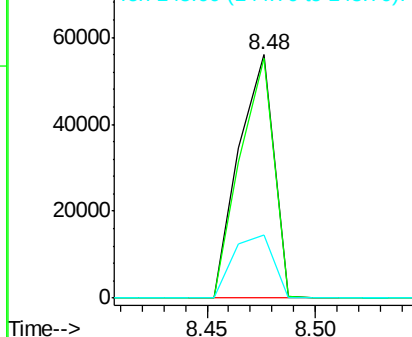
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

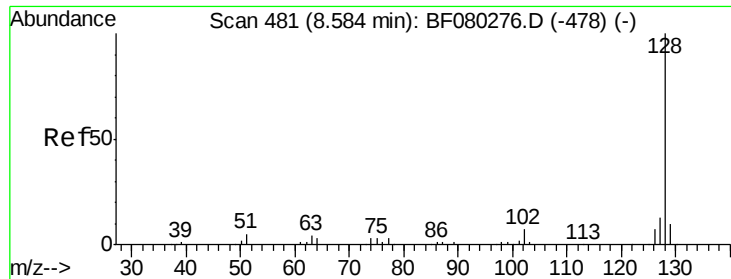


#30
1,2,4-Trichlorobenzene
Concen: 32.24 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.6	73.8	110.6
145	26.0	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





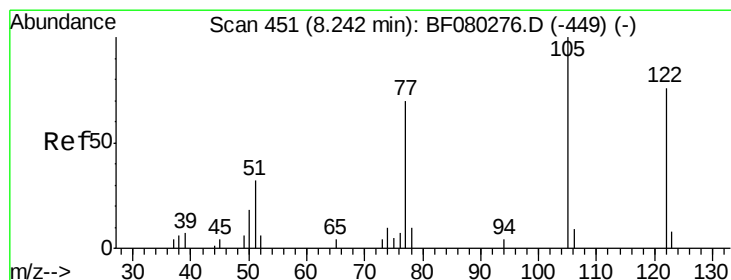
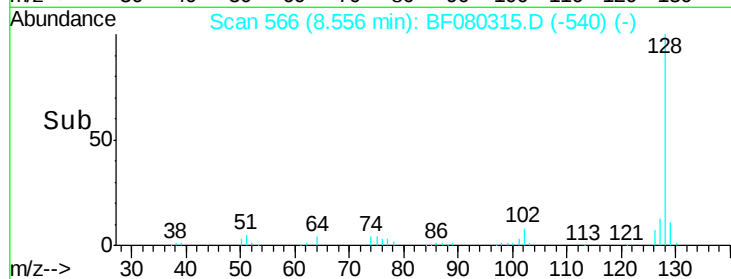
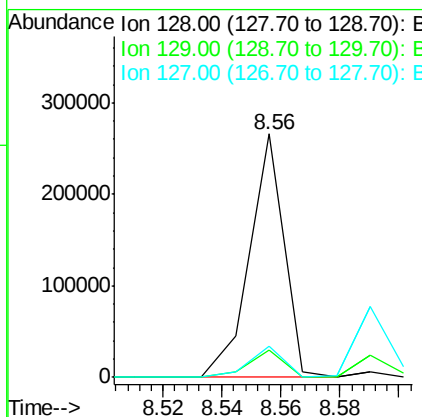
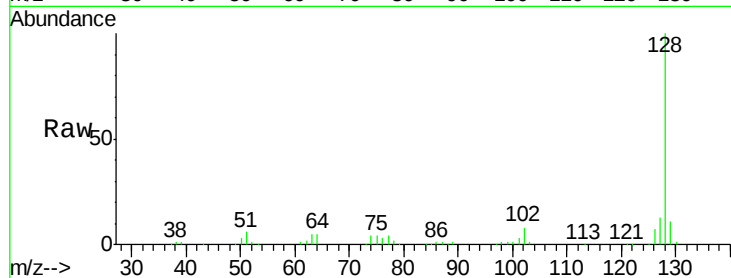
#31
Naphthalene
Concen: 36.06 ng m
RT: 8.56 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	218607		
129	11.0	8.2	12.4	
127	12.9	10.4	15.6	

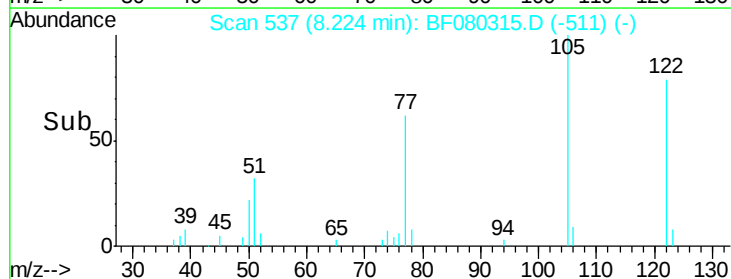
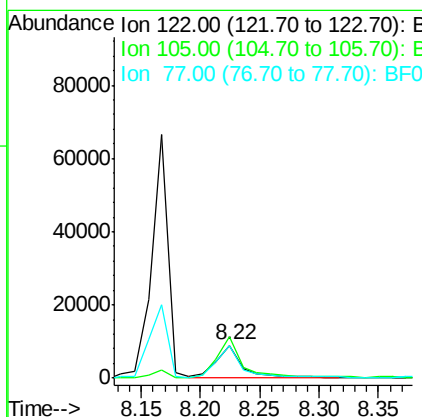
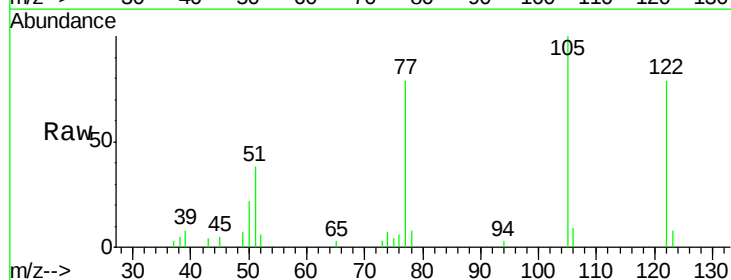
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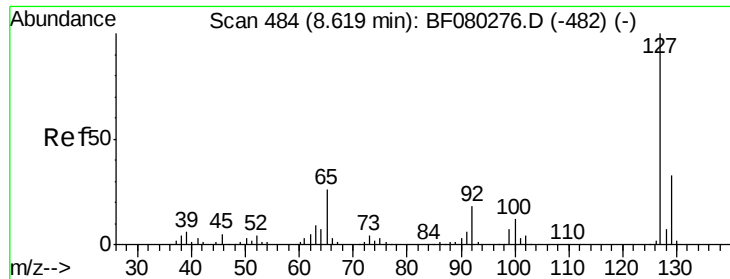
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#32
Benzoic acid
Concen: 33.94 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13957		
105	126.1	103.3	143.3	
77	99.6	71.5	111.5	





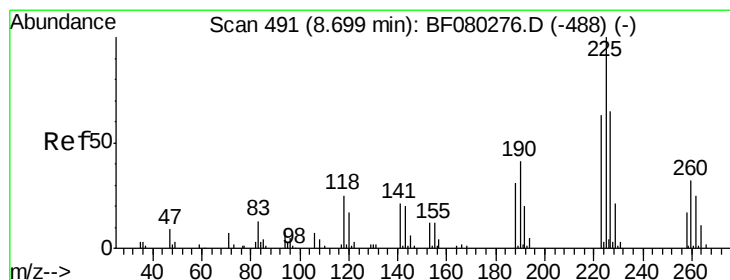
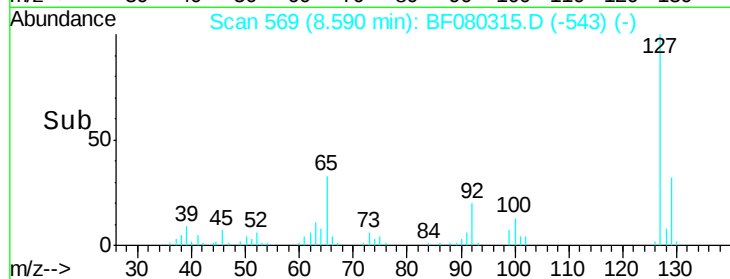
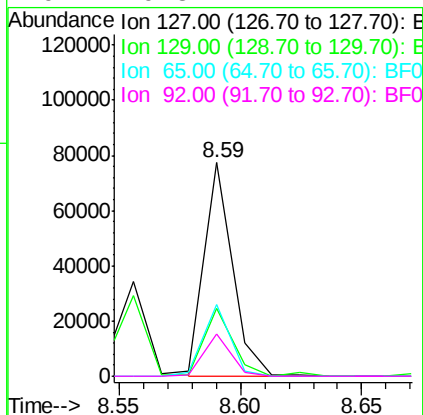
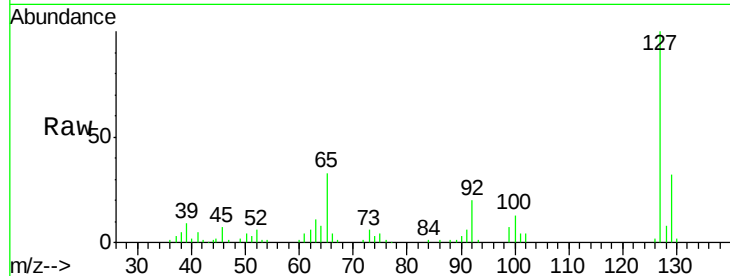
#33
4-Chloroaniline
Concen: 24.01 ng m
RT: 8.59 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampled :
PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	61756		
129	31.6	26.4	39.6	
65	33.3	21.0	31.6#	
92	19.8	14.1	21.1	

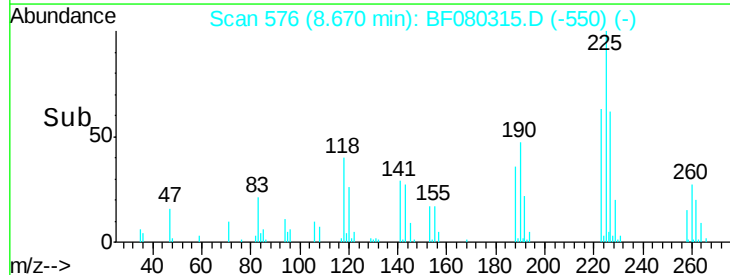
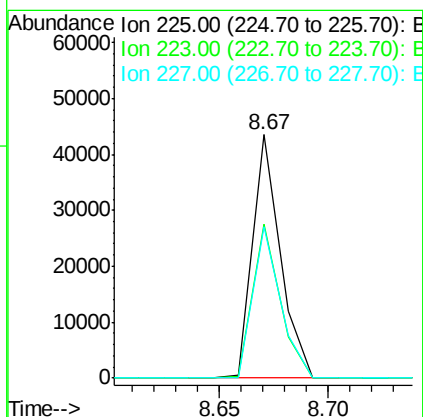
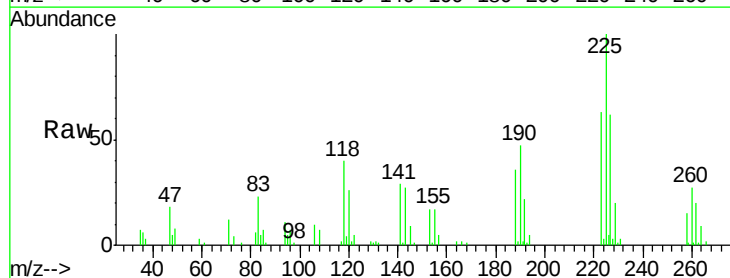
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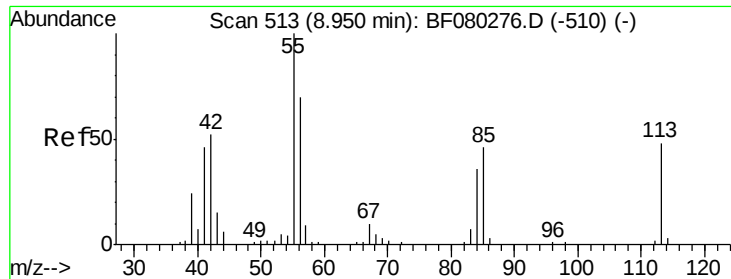
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#34
Hexachlorobutadiene
Concen: 31.53 ng
RT: 8.67 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38447		
223	63.1	50.5	75.7	
227	62.1	51.8	77.8	





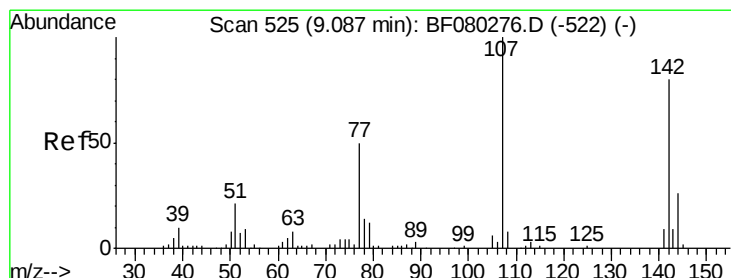
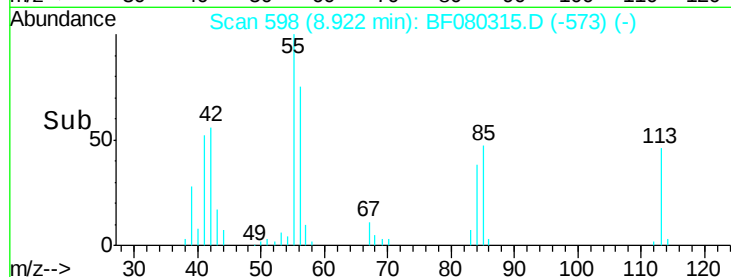
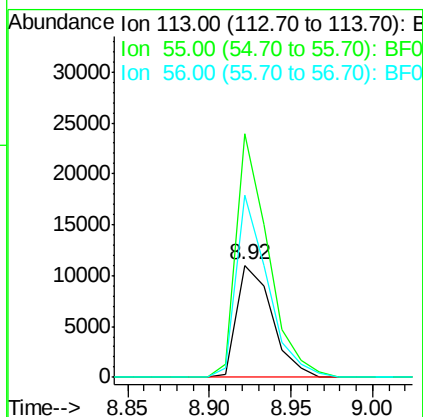
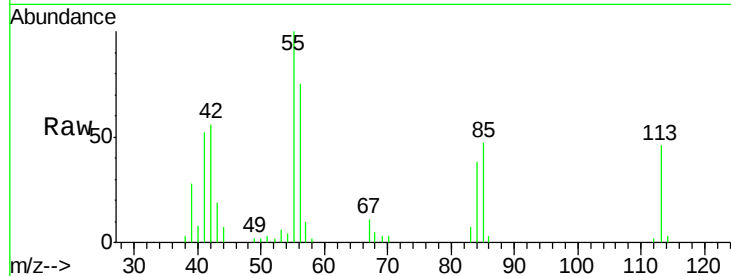
#35
 Caprolactam
 Concen: 32.64 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:113 Resp: 16435
 Ion Ratio Lower Upper
 113 100
 55 216.9 189.7 229.7
 56 161.9 127.2 167.2

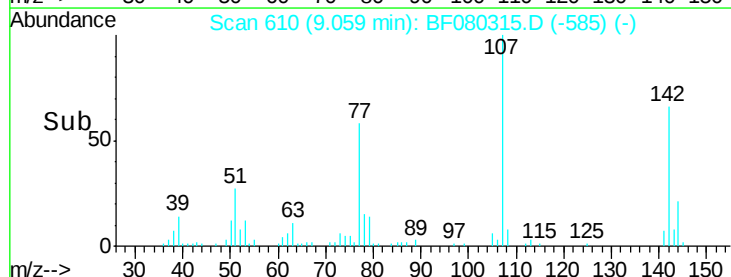
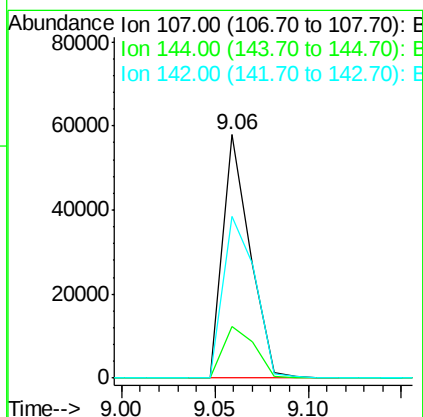
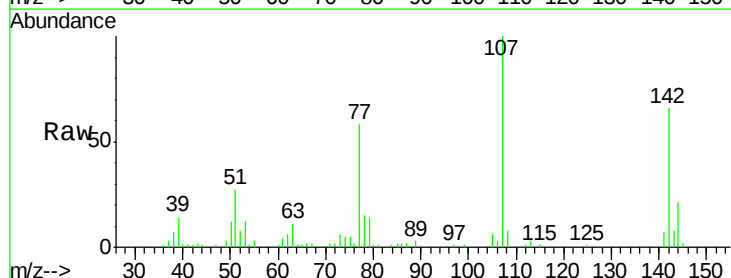
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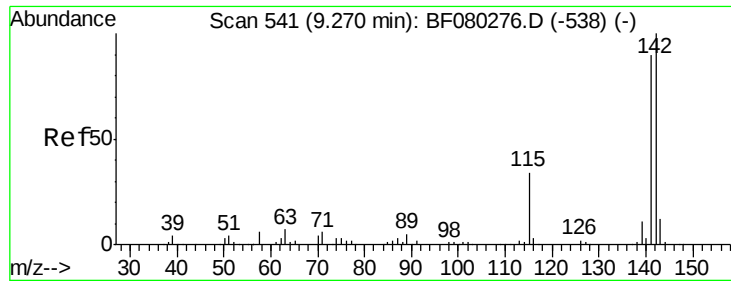
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#36
 4-Chloro-3-methylphenol
 Concen: 32.98 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

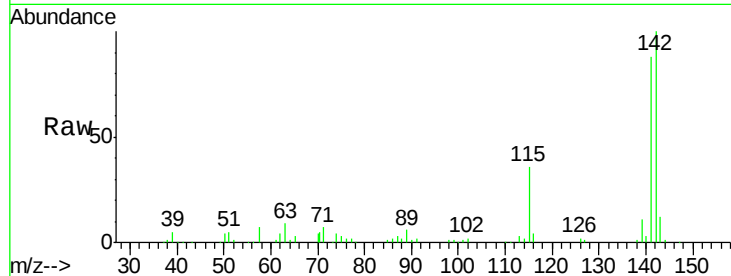
Tgt Ion:107 Resp: 59248
 Ion Ratio Lower Upper
 107 100
 144 21.4 20.4 30.6
 142 66.3 63.8 95.6





#37
 2-Methylnaphthalene
 Concen: 33.19 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

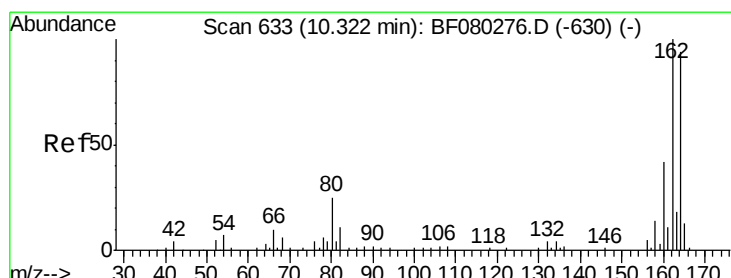
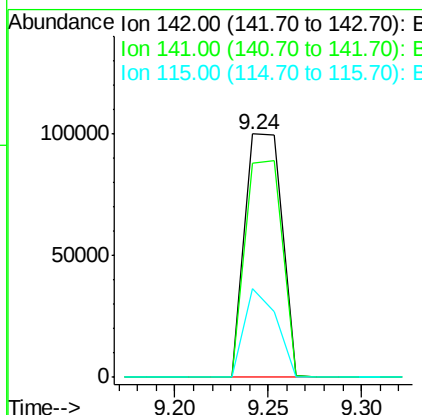
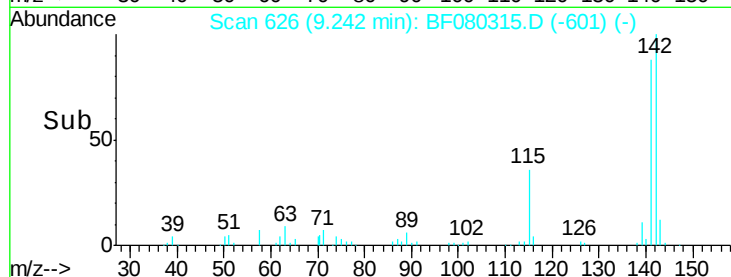
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS



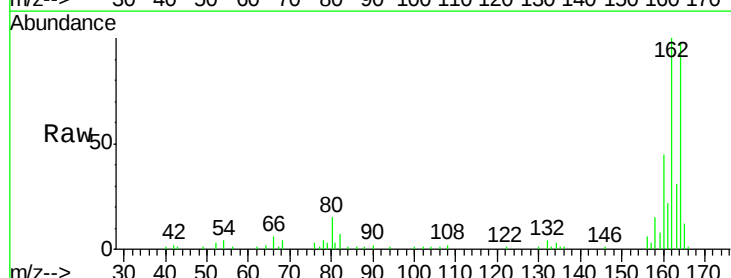
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.8	107.6
115	36.2	27.4	41.2

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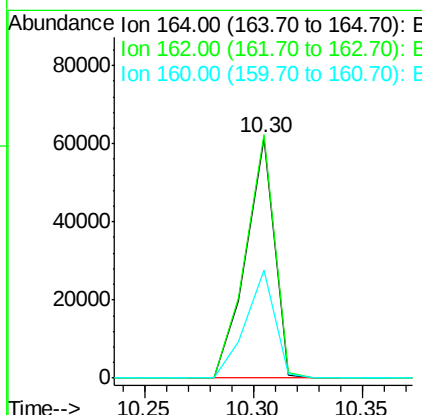
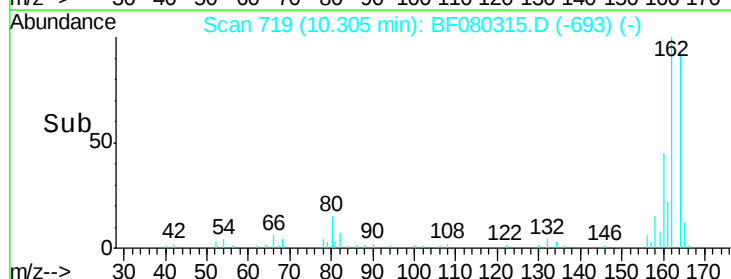
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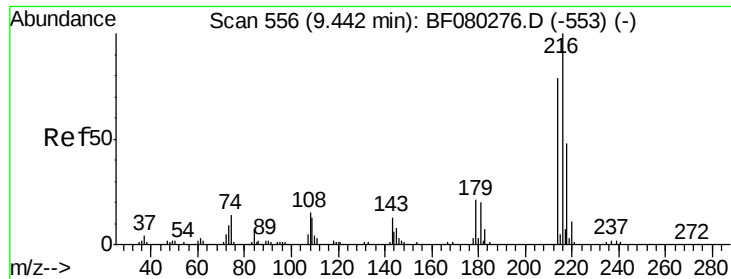


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31



Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	84.8	127.2
160	45.2	35.8	53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.20 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

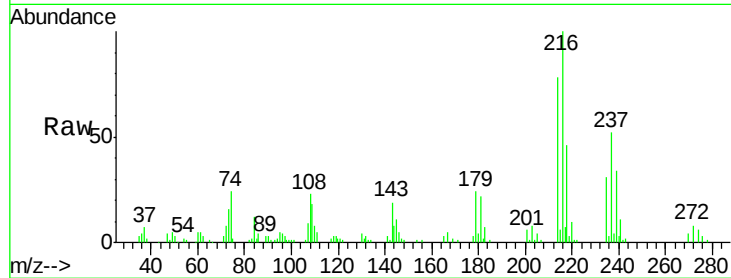
BNA_F

ClientSampleID :

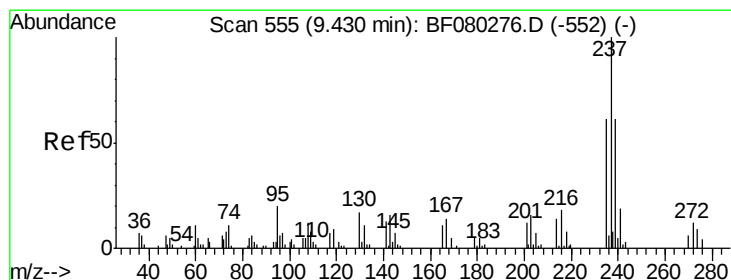
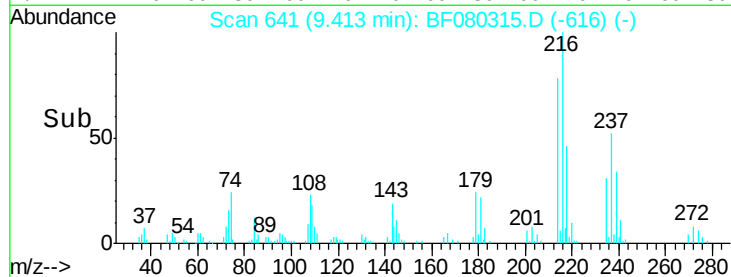
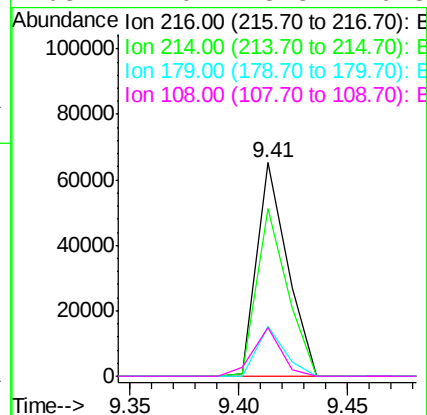
PB84340BS

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	63906		
214	77.8	63.0	94.6	
179	21.2	16.8	25.2	
108	21.0	13.8	20.8	



#40

Hexachlorocyclopentadiene

Concen: 73.00 ng

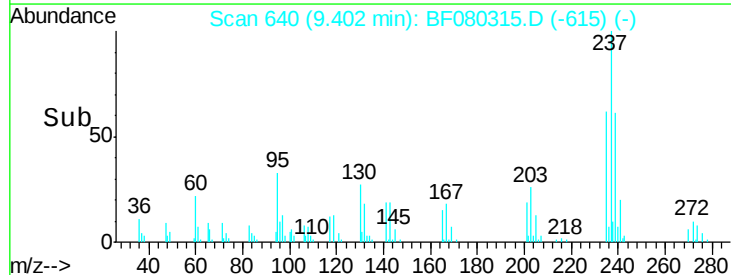
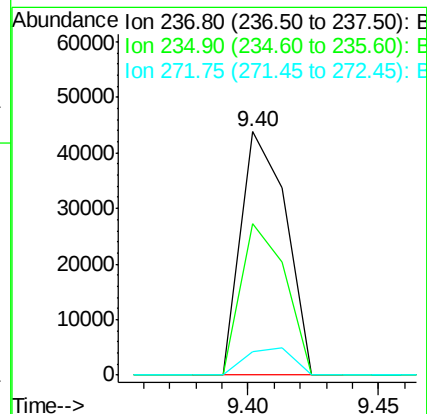
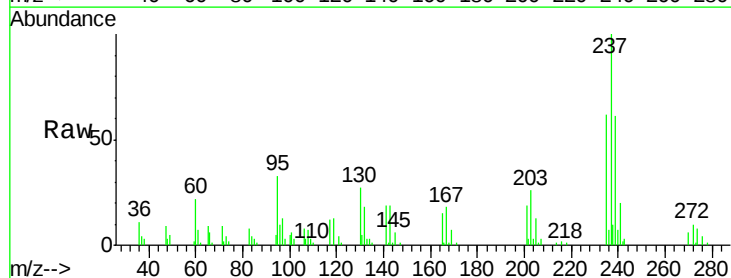
RT: 9.40 min Scan# 640

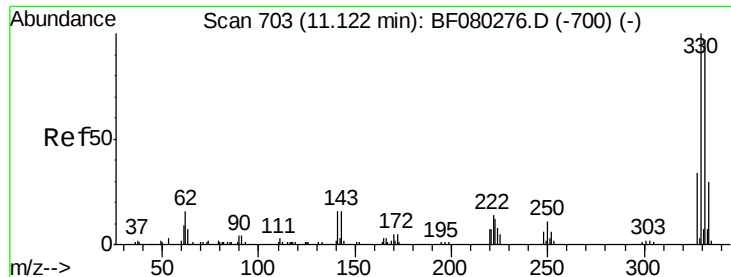
Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	53202		
235	62.1	41.3	81.3	
272	9.7	0.0	31.8	





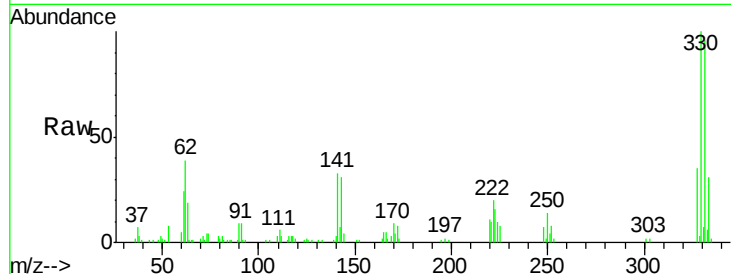
#41
 2,4,6-Tribromophenol
 Concen: 82.52 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

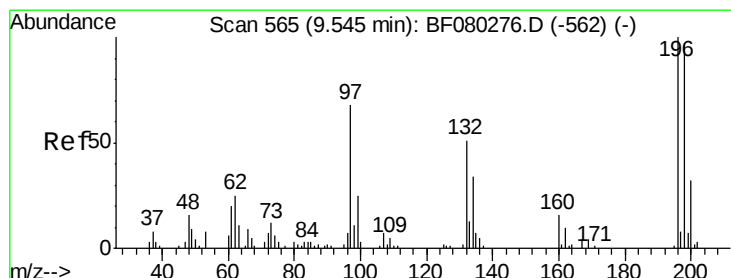
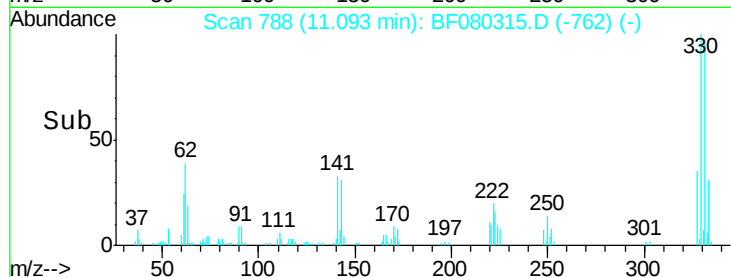
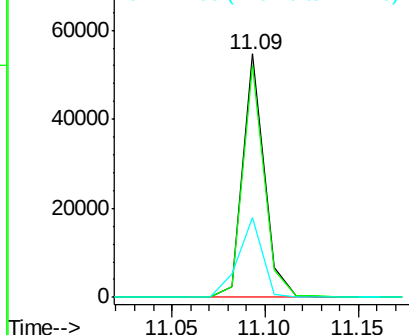
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	44126		
332	96.0	77.4	116.2	
141	37.3	28.0	42.0	

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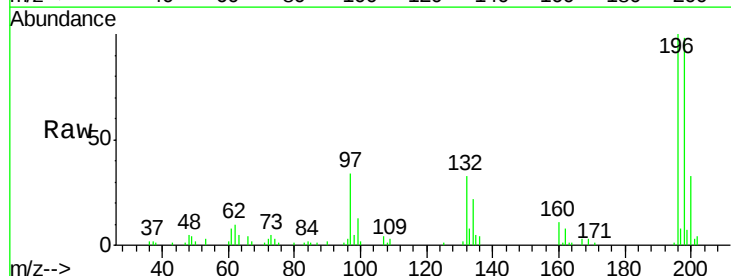


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

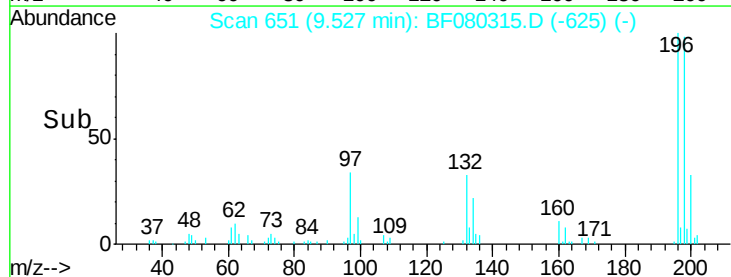
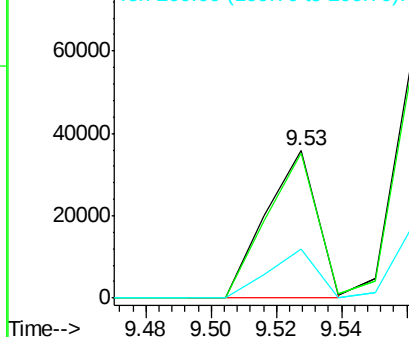


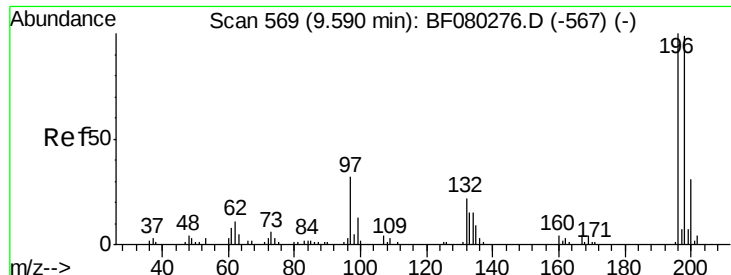
#42
 2,4,6-Trichlorophenol
 Concen: 32.78 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	38775		
198	98.0	77.7	116.5	
200	33.4	25.6	38.4	



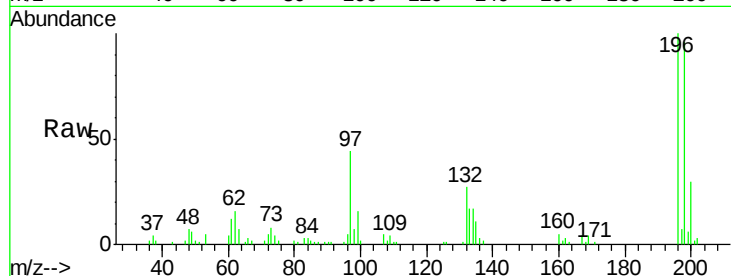
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 37.84 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

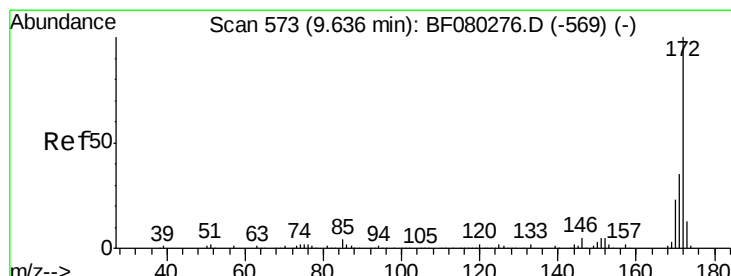
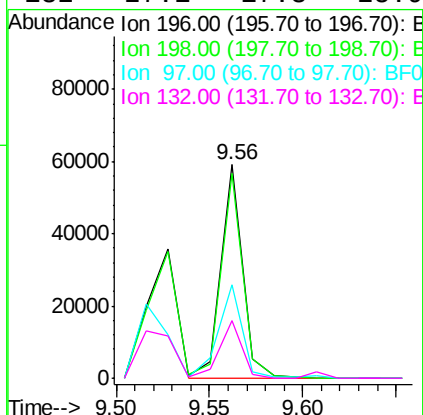
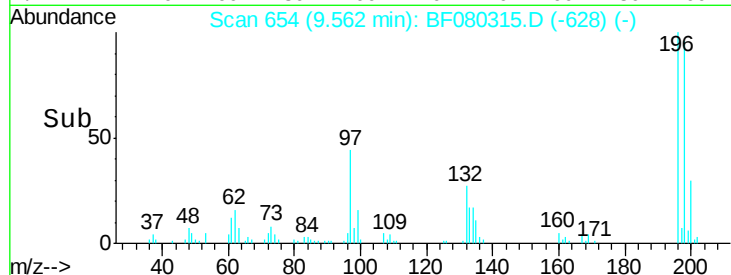
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS



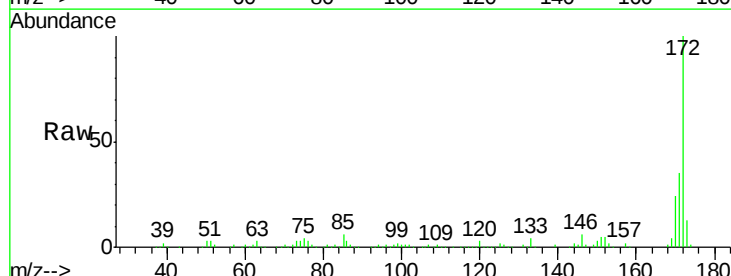
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	48223		
198	95.7	79.4	119.2	
97	43.7	25.9	38.9#	
132	27.1	17.3	25.9#	

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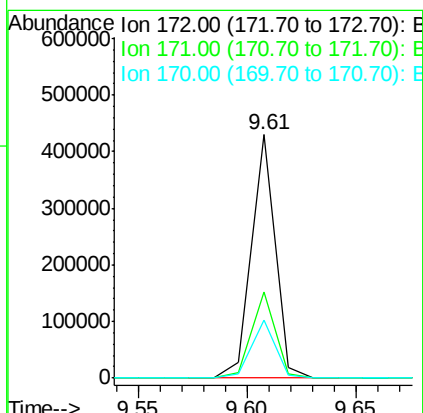
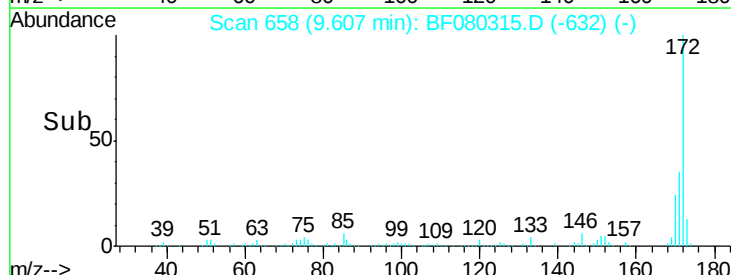
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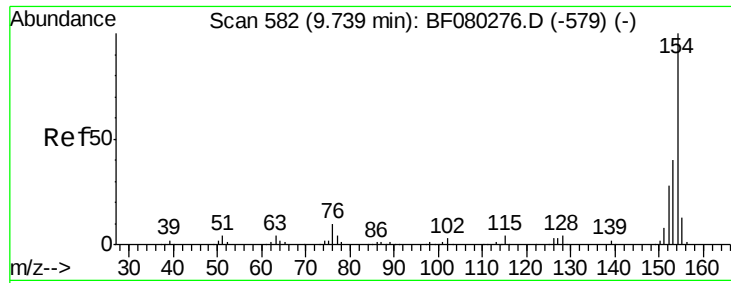


#44
 2-Fluorobiphenyl
 Concen: 83.96 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	327609		
171	35.2	28.1	42.1	
170	23.8	18.6	28.0	





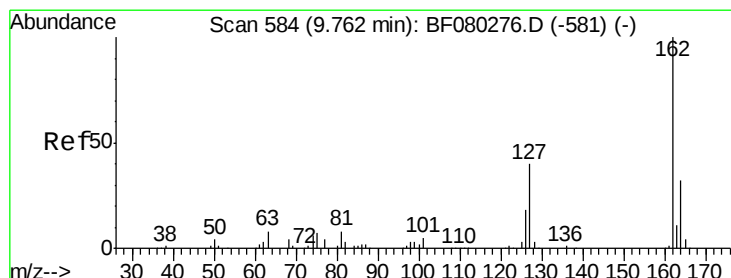
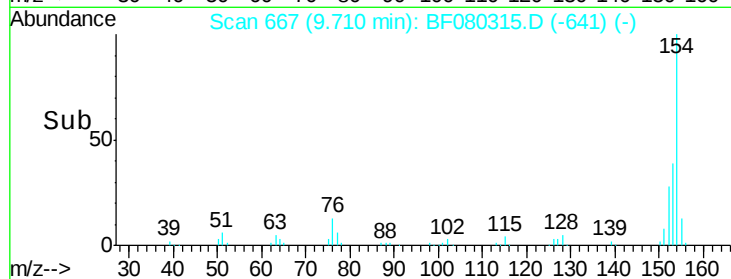
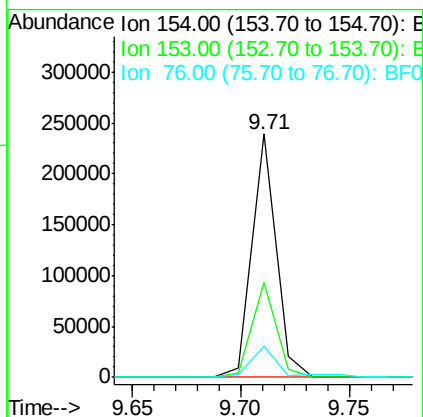
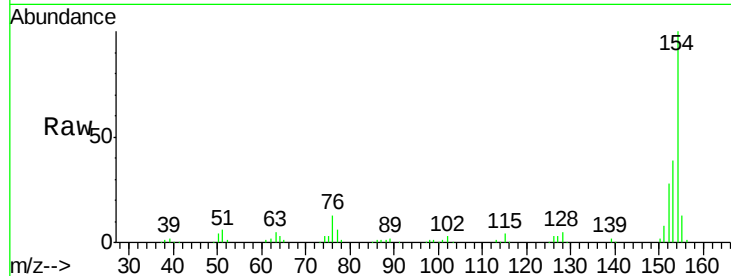
#45
 1,1'-Biphenyl
 Concen: 38.51 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	39.0	20.3	60.3
76	13.0	0.0	30.3

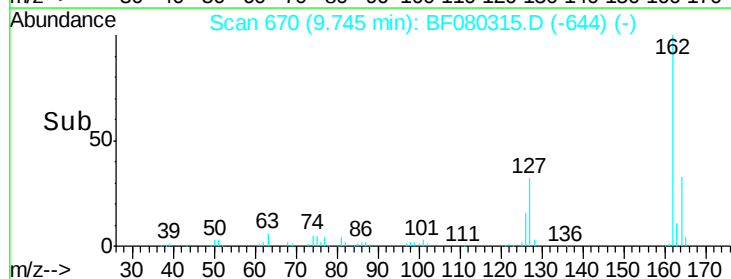
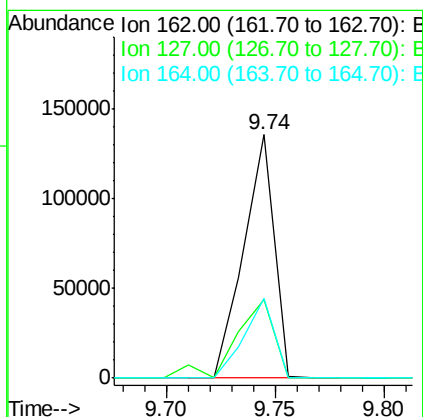
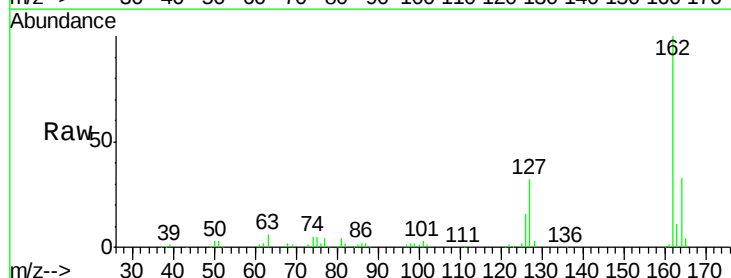
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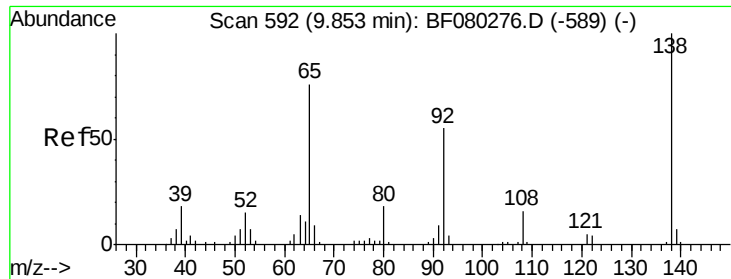
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#46
 2-Chloronaphthalene
 Concen: 35.77 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	32.4	33.4	50.0#
164	33.0	25.3	37.9





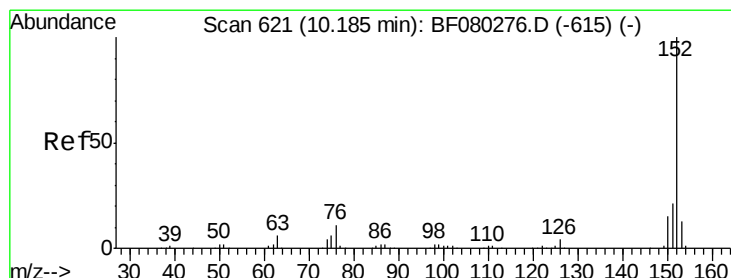
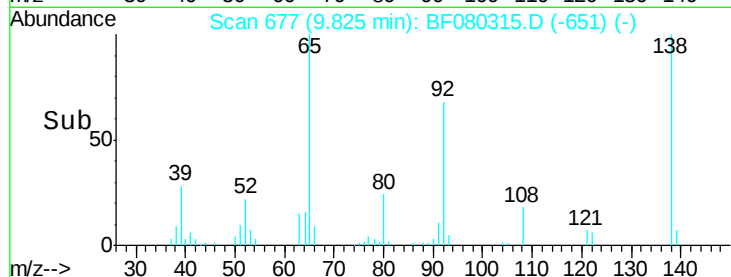
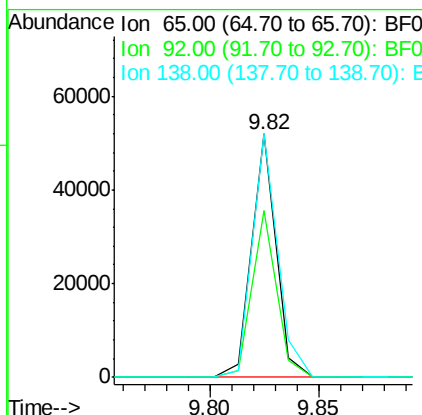
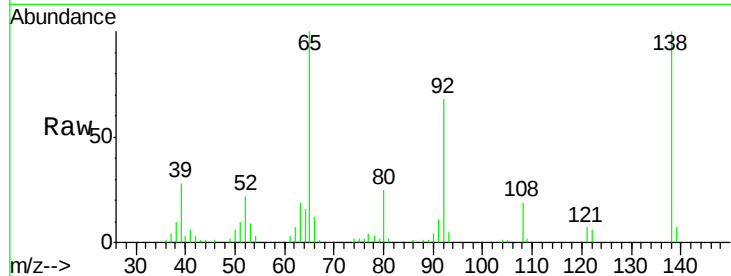
#47
 2-Nitroaniline
 Concen: 37.95 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	58.0	87.0
138	100.2	104.8	157.2#

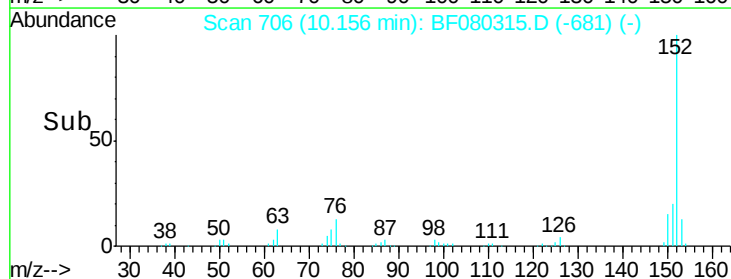
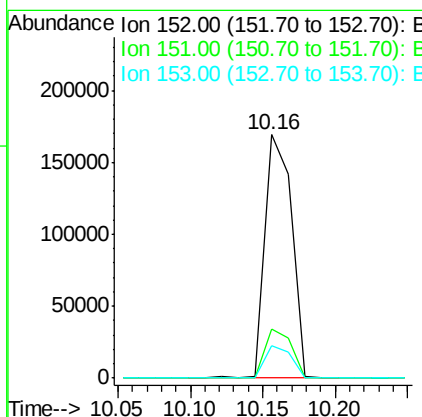
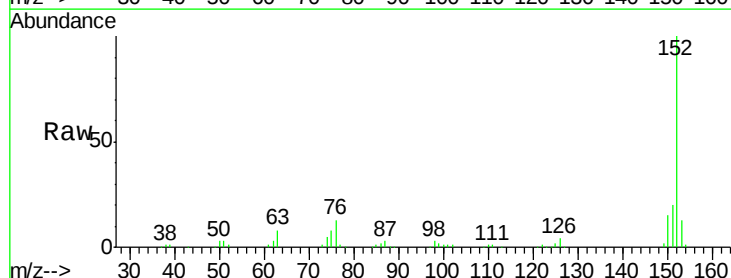
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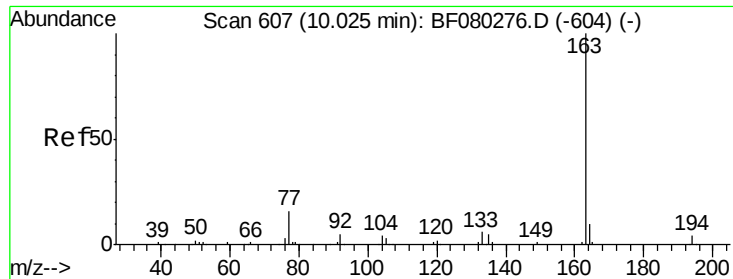
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#48
 Acenaphthylene
 Concen: 33.58 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.7	25.1
153	13.4	10.7	16.1





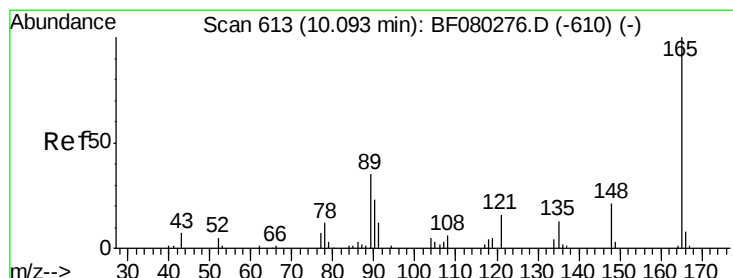
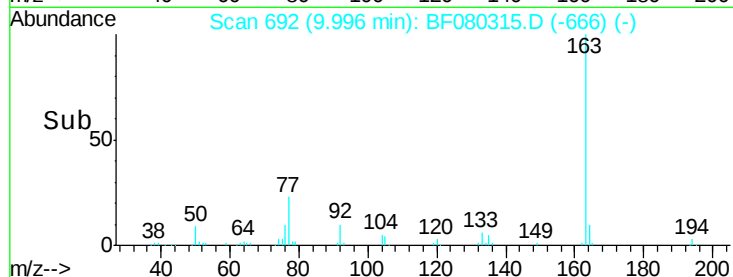
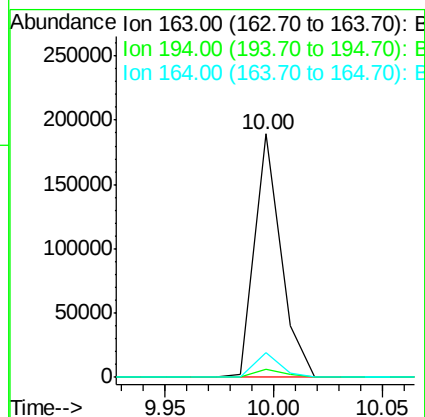
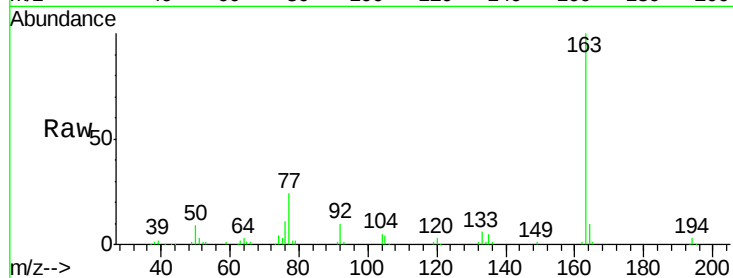
#49
Dimethylphthalate
Concen: 37.11 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	3.0	4.4
164	10.3	7.9	11.9

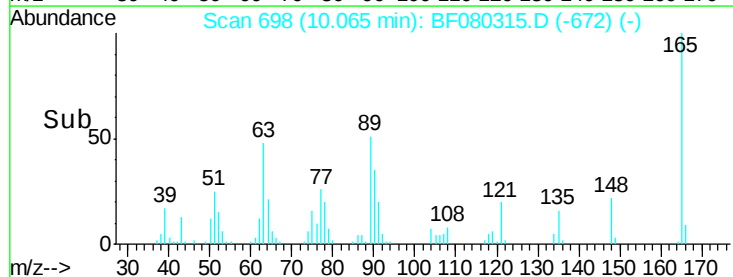
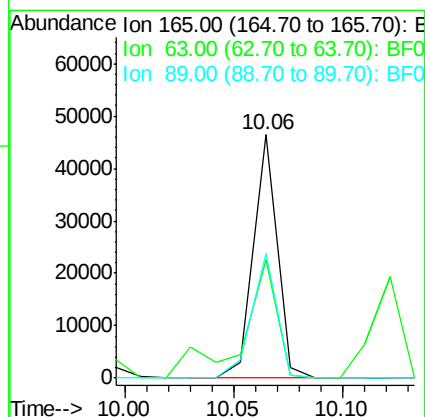
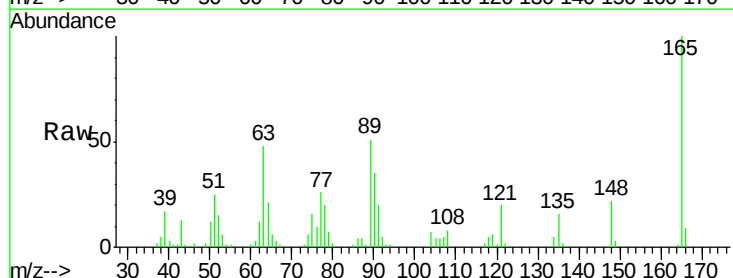
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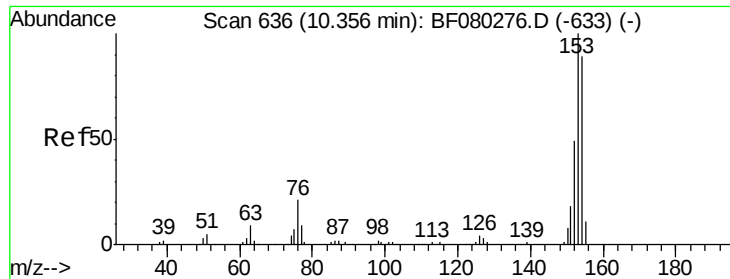
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#50
2,6-Dinitrotoluene
Concen: 40.36 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	48.5	23.4	35.0#
89	51.3	27.7	41.5#





#51

Acenaphthene

Concen: 38.37 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF080315.D

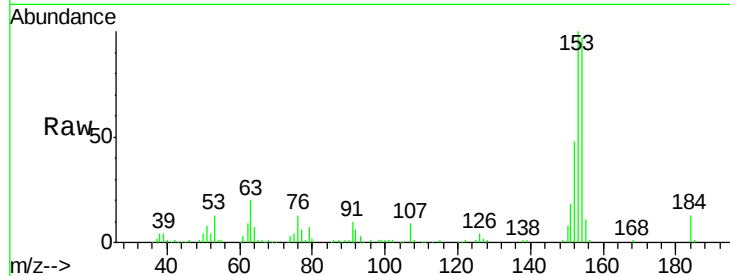
Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

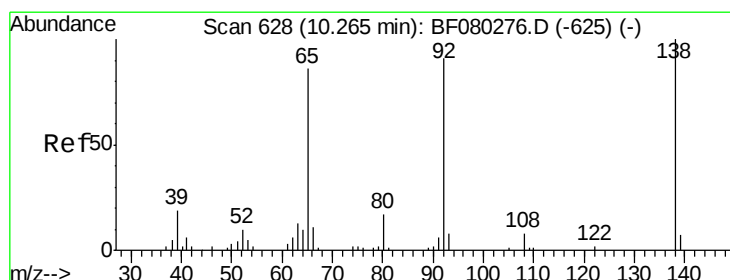
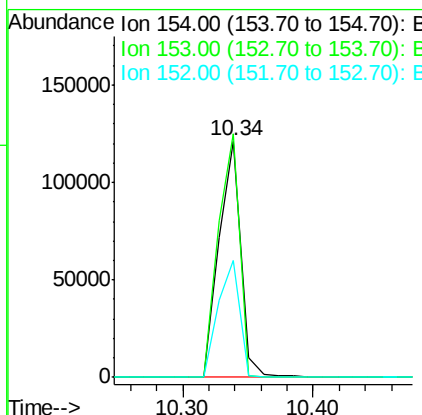
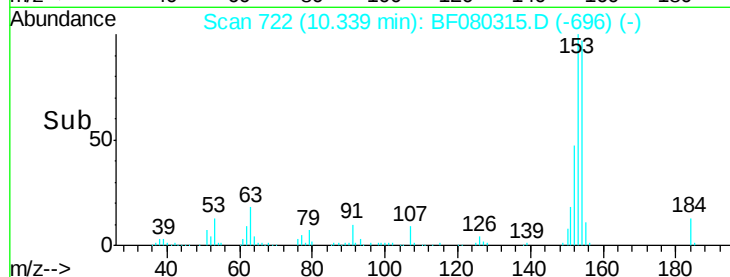
PB84340BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	103.0	90.4	135.6	
152	49.5	43.9	65.9	

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#52

3-Nitroaniline

Concen: 31.69 ng

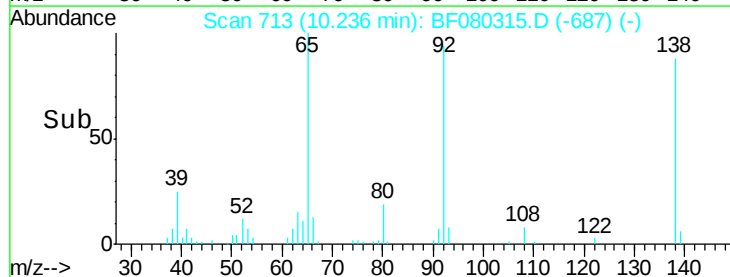
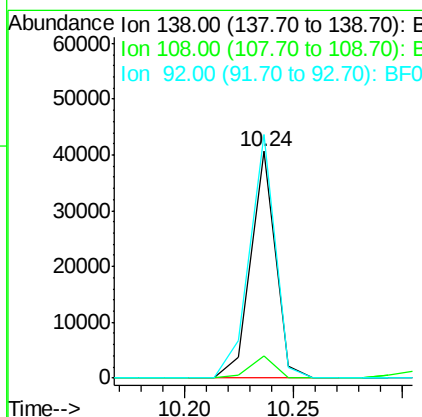
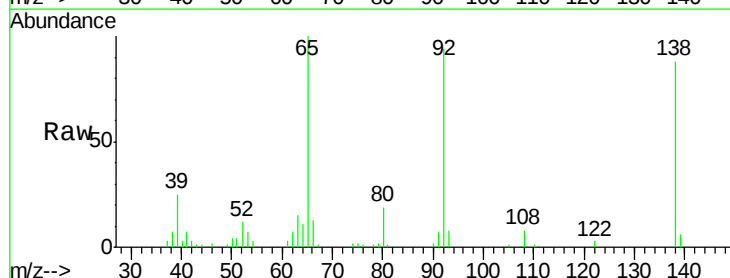
RT: 10.24 min Scan# 713

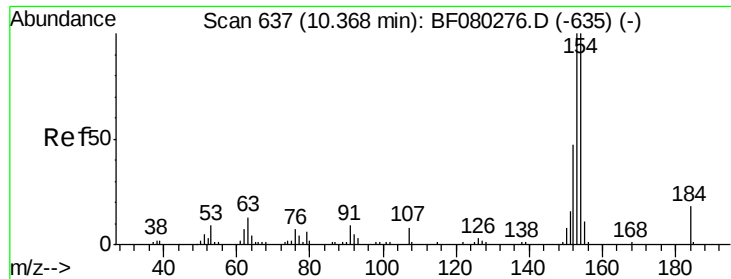
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.6	6.7	10.1	
92	107.3	72.6	109.0	





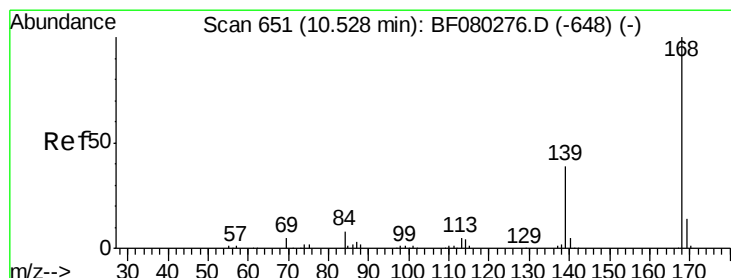
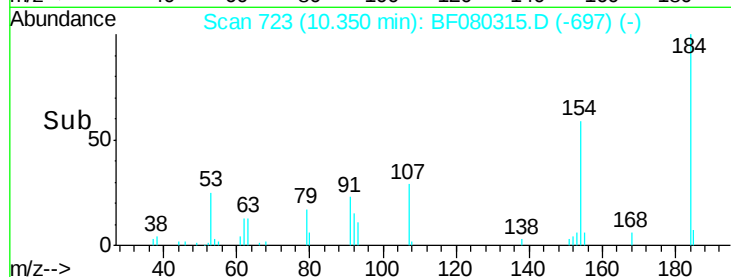
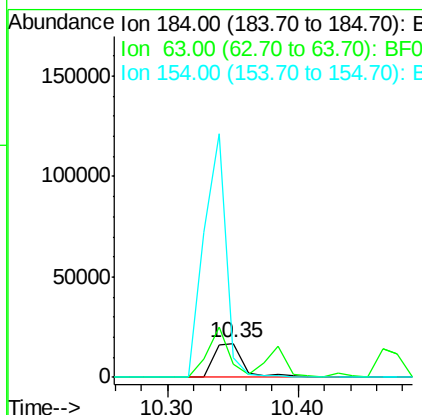
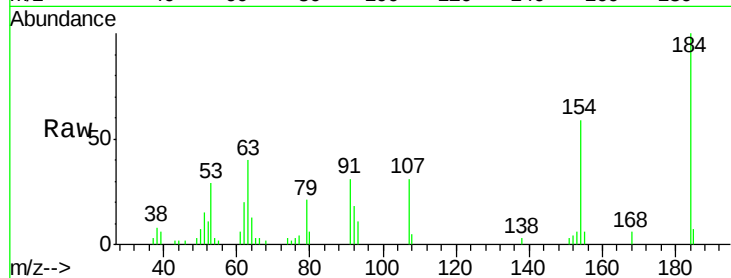
#53
2,4-Dinitrophenol
Concen: 76.46 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	26359		
63	39.6	65.0	97.6#	
154	59.1	473.1	709.7#	

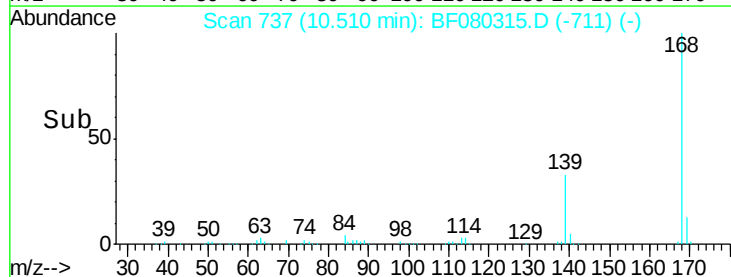
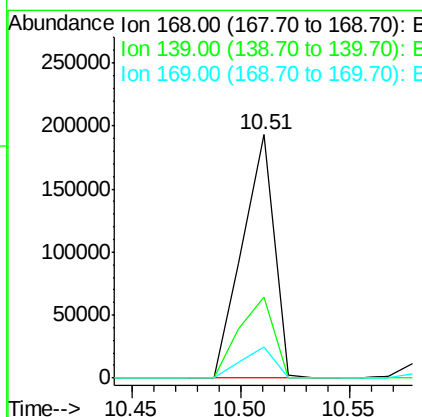
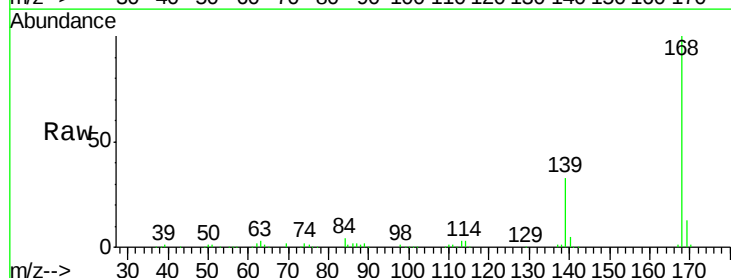
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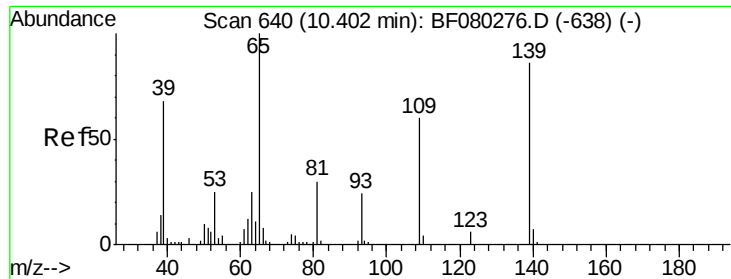
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#54
Dibenzofuran
Concen: 37.55 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	195865		
139	33.1	31.5	47.3	
169	12.8	11.0	16.4	





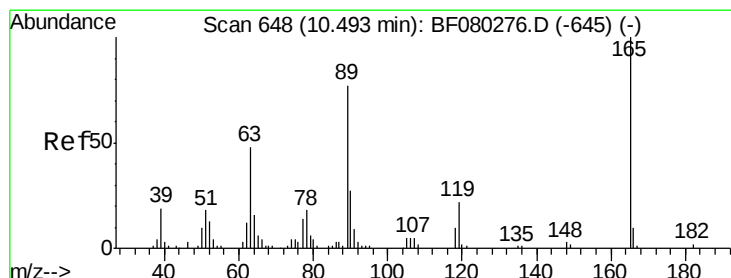
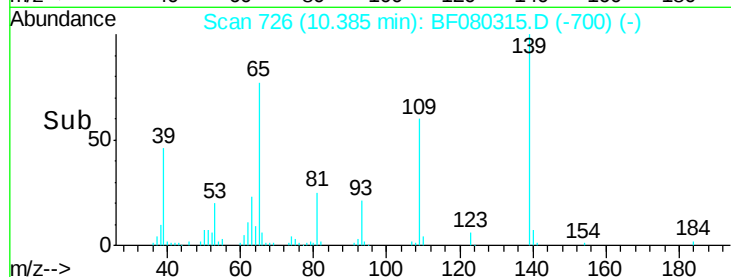
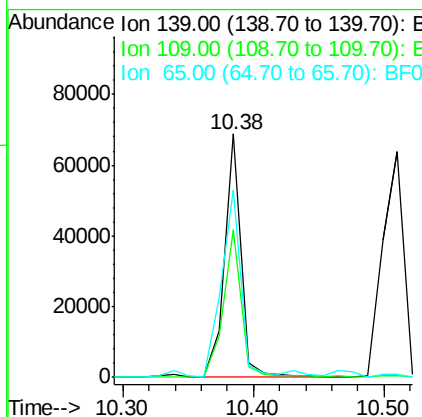
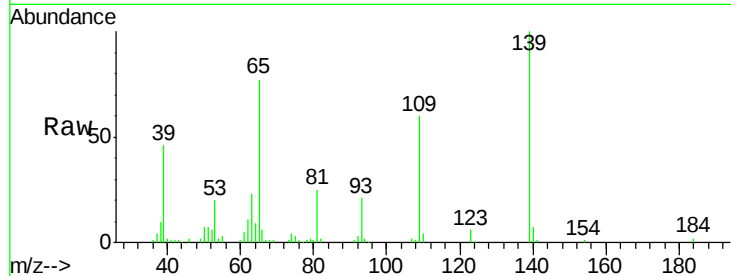
#55
4-Nitrophenol
Concen: 82.19 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	61113		
109	60.5	50.2	90.2	
65	76.7	96.7	136.7	

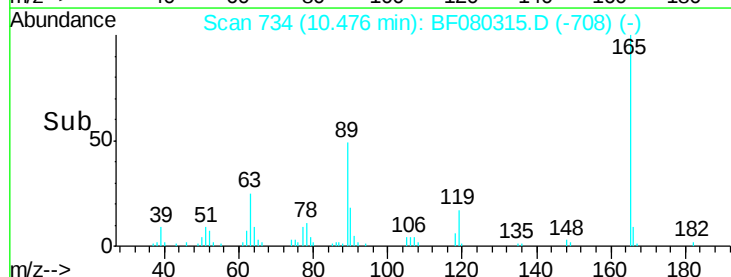
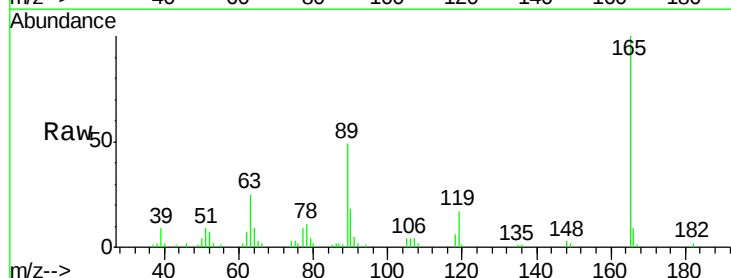
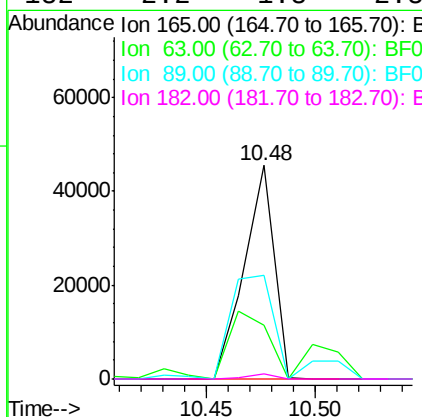
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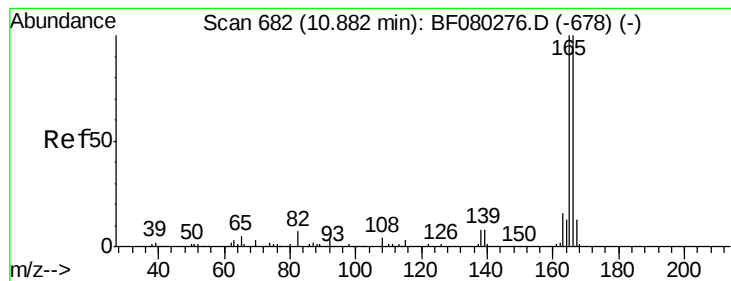
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#56
2,4-Dinitrotoluene
Concen: 38.47 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	43747		
63	25.3	38.7	58.1	#
89	48.7	62.0	93.0	#
182	2.2	1.8	2.8	





#57

Fluorene

Concen: 38.70 ng

RT: 10.85 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF080315.D

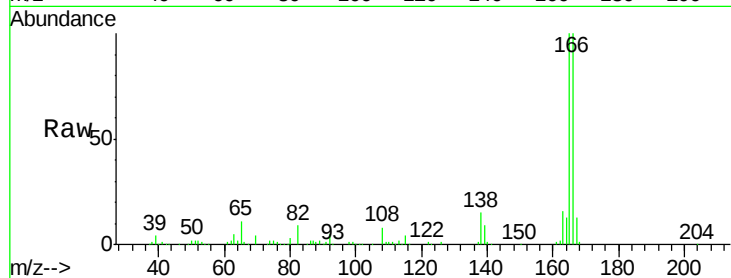
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Instrument :

BNA_F

ClientSampleId :

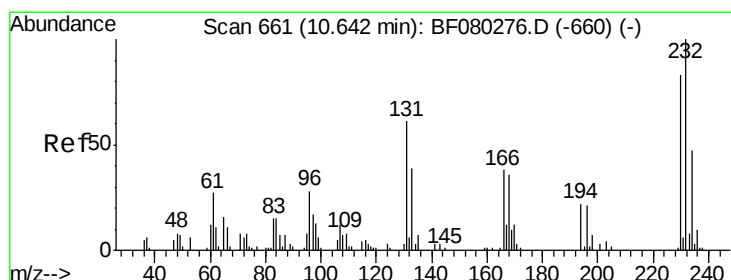
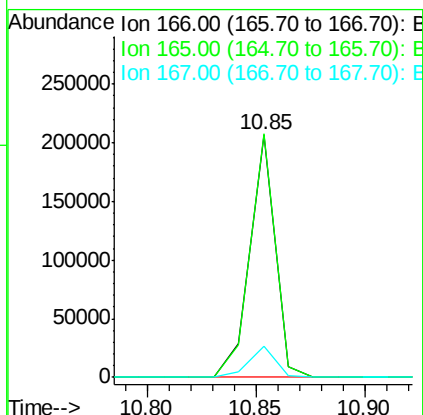
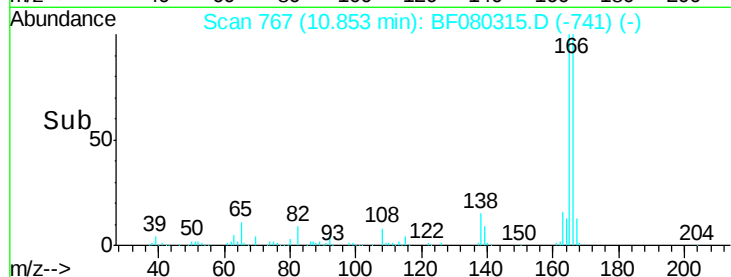
PB84340BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	79.9	119.9	
167	13.0	10.3	15.5	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 39.74 ng

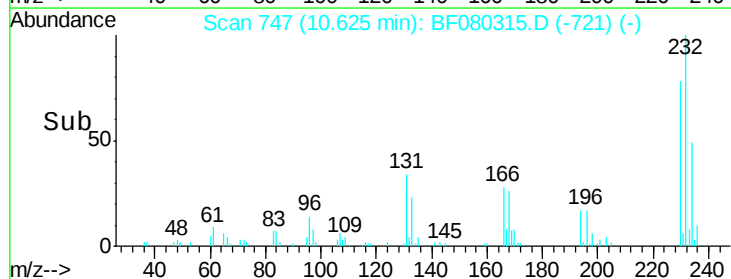
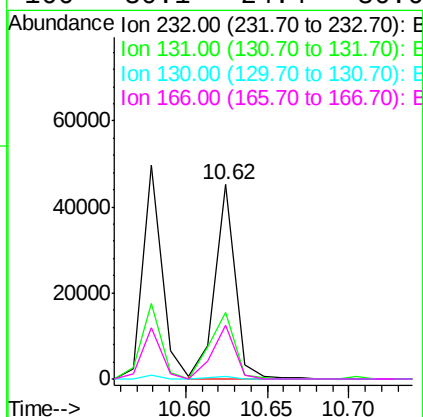
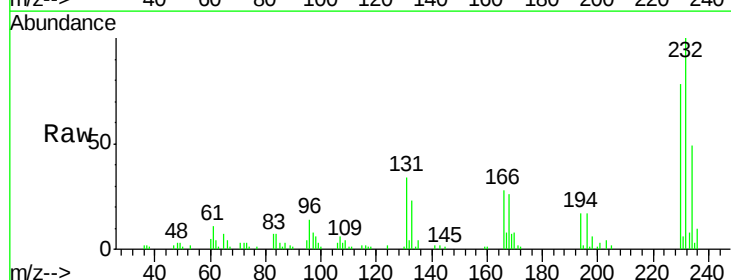
RT: 10.62 min Scan# 747

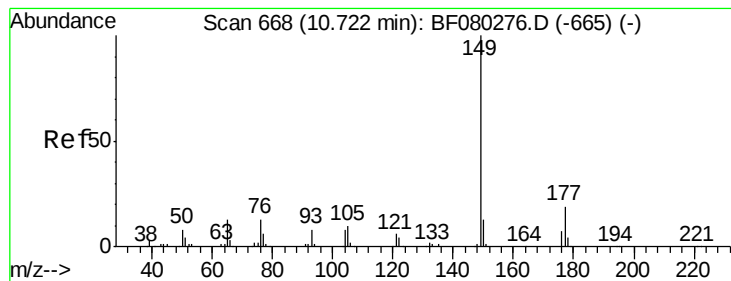
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	41.6	37.0	55.6	
130	1.9	1.5	2.3	
166	30.1	24.4	36.6	





#59

Diethylphthalate

Concen: 40.67 ng

RT: 10.70 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

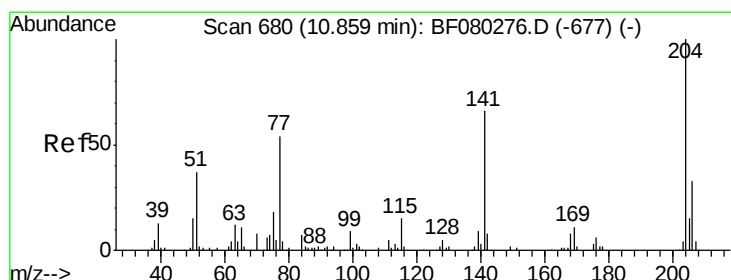
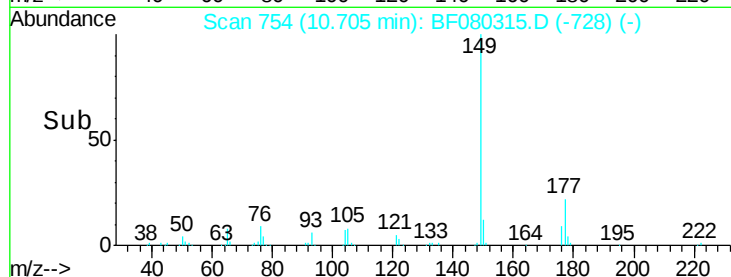
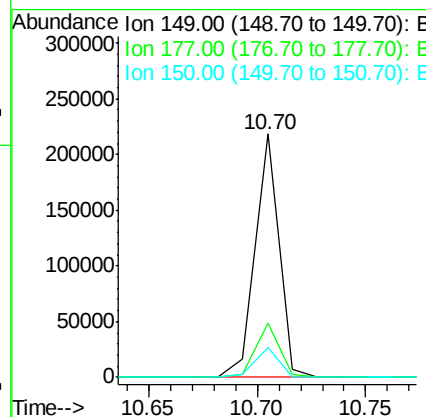
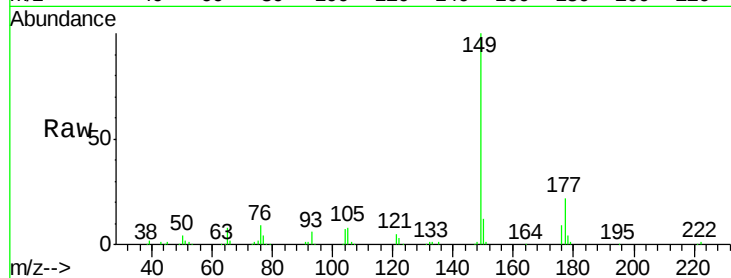
ClientSampleId :

PB84340BS

Tgt Ion:	149	Resp:	165822
Ion Ratio	Lower	Upper	
149	100		
177	22.3	15.4	23.0
150	12.4	10.5	15.7

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#60

4-Chlorophenyl-phenylether

Concen: 38.12 ng

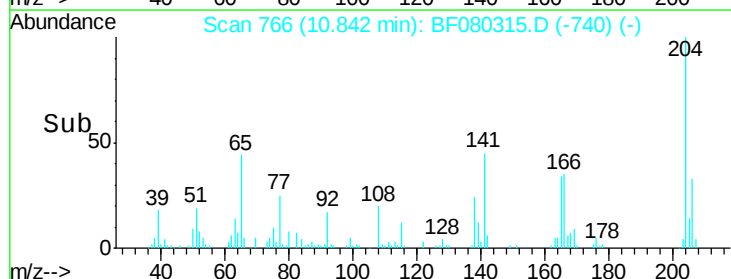
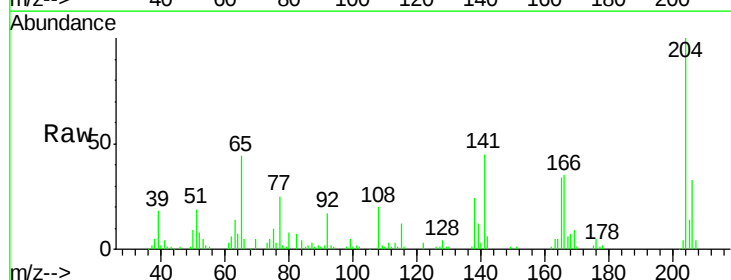
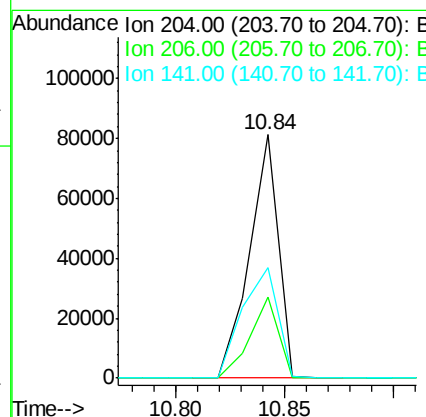
RT: 10.84 min Scan# 766

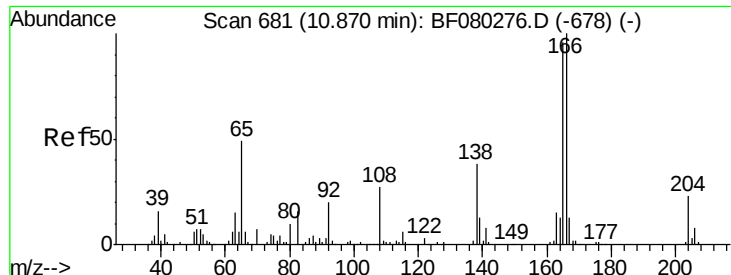
Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	204	Resp:	74578
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.5	39.7
141	45.4	52.5	78.7#





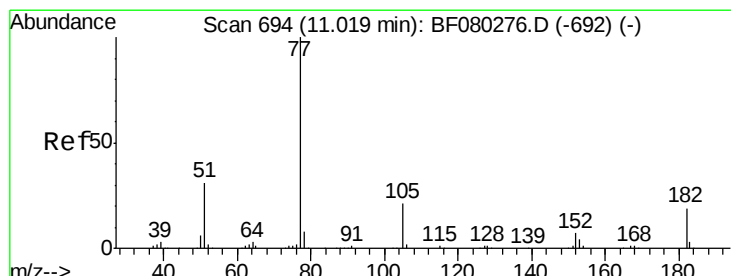
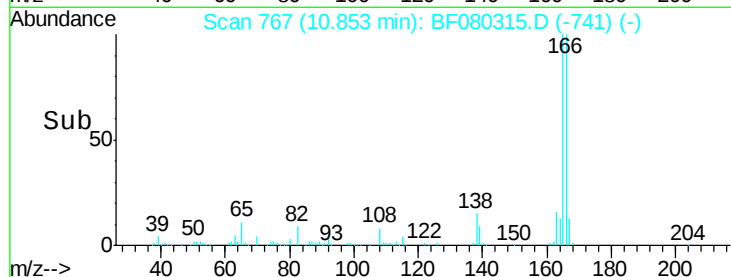
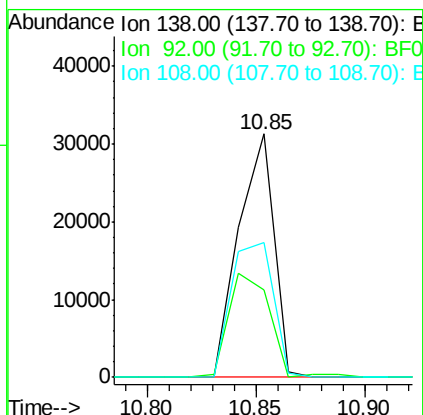
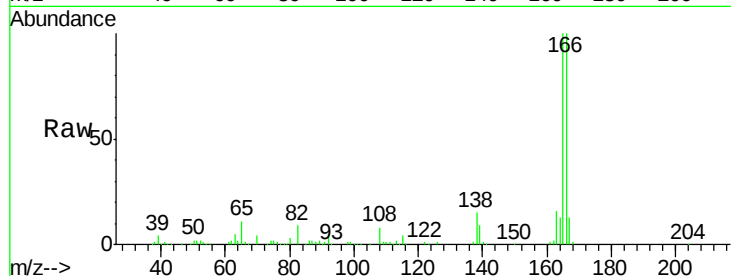
#61
 4-Nitroaniline
 Concen: 34.42 ng
 RT: 10.85 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion:	138	Resp:	35187
Ion Ratio	Lower	Upper	
138	100		
92	35.8	32.7	72.7
108	55.5	49.6	89.6

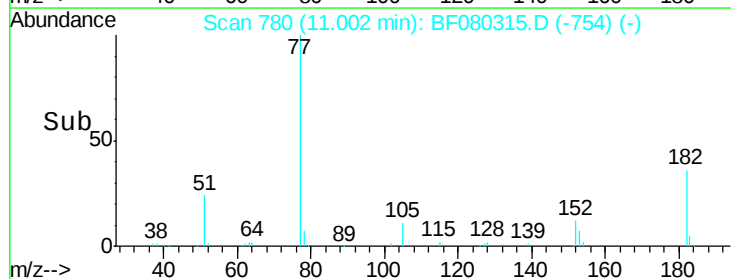
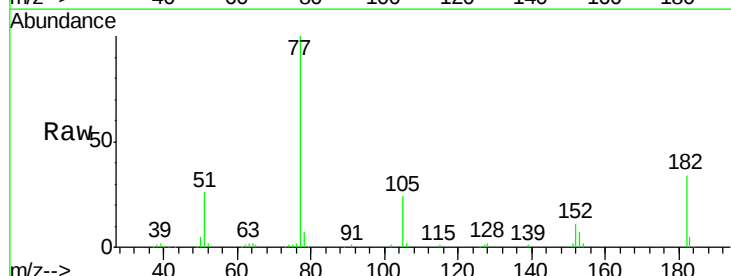
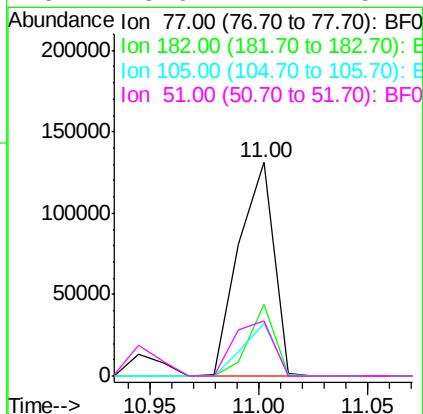
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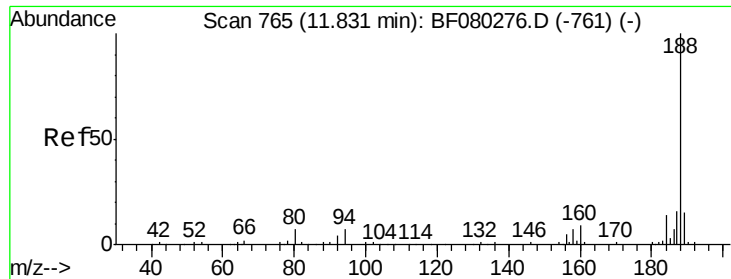
apatel
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#62
 Azobenzene
 Concen: 35.05 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion:	77	Resp:	146993
Ion Ratio	Lower	Upper	
77	100		
182	33.7	0.0	38.9
105	24.4	1.3	41.3
51	25.6	11.1	51.1





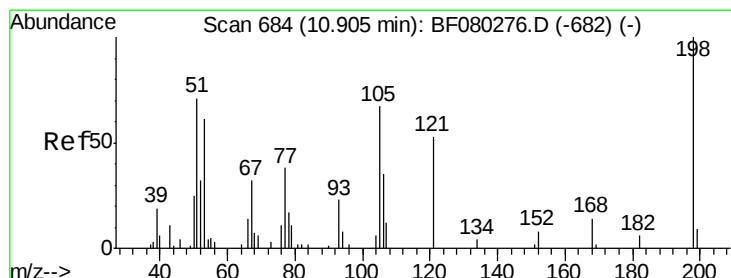
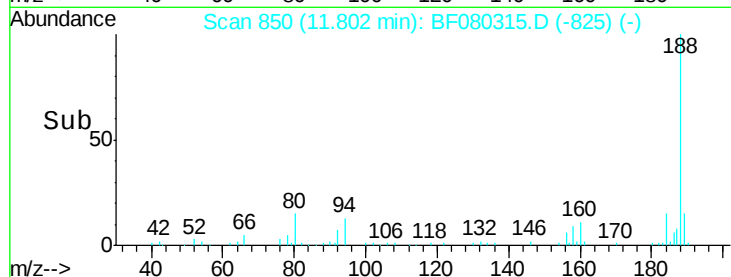
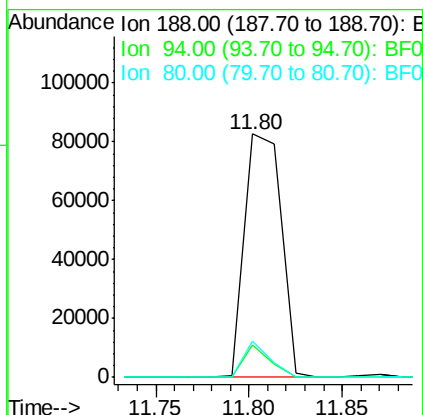
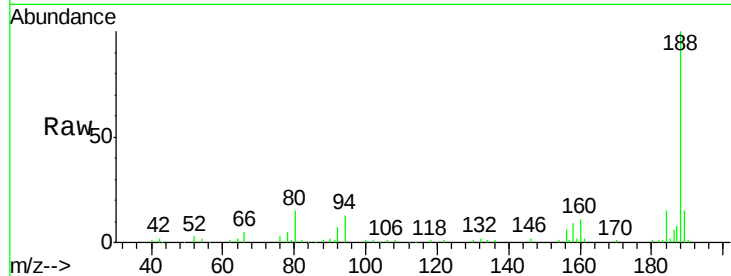
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	13.4	5.4	8.0#
80	15.0	5.8	8.6#

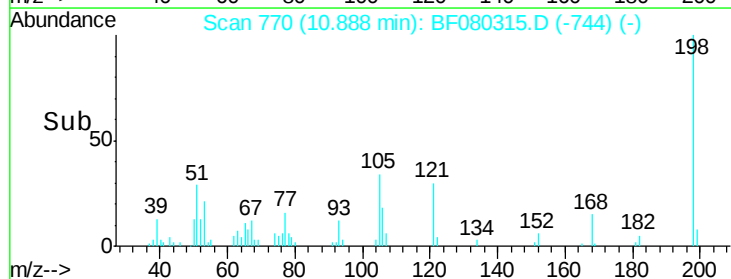
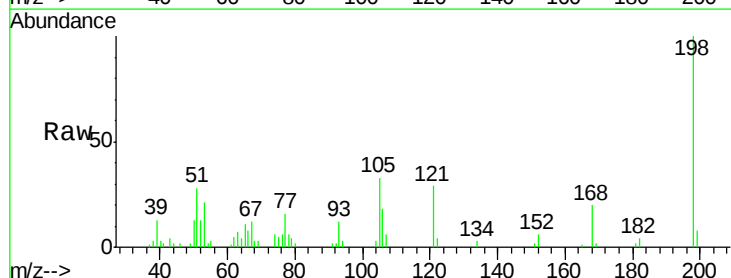
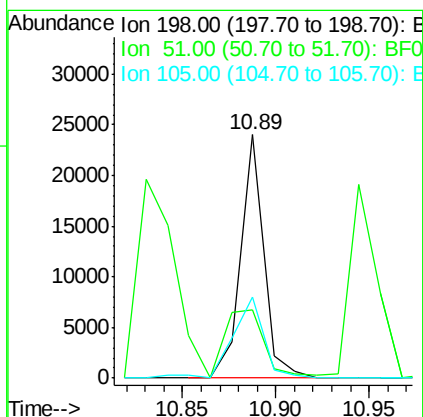
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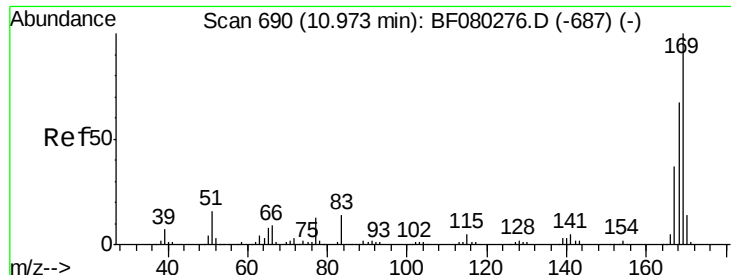
apatel
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.24 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	28.3	63.7	103.7#
105	33.5	46.9	86.9#





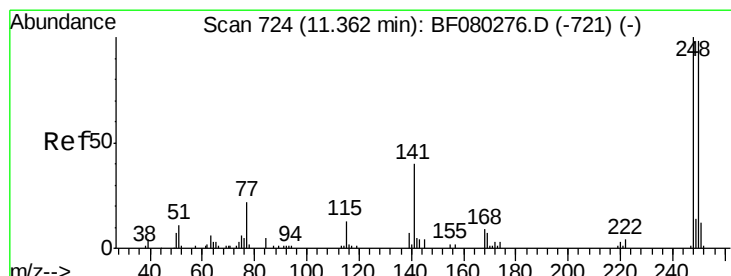
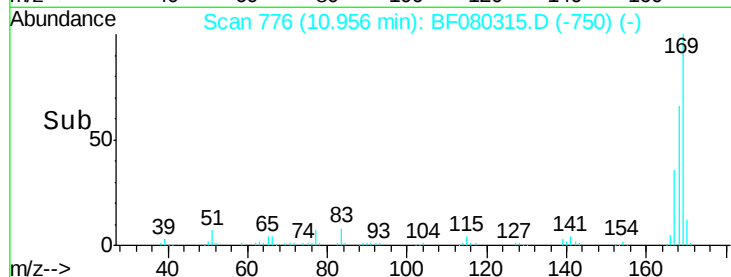
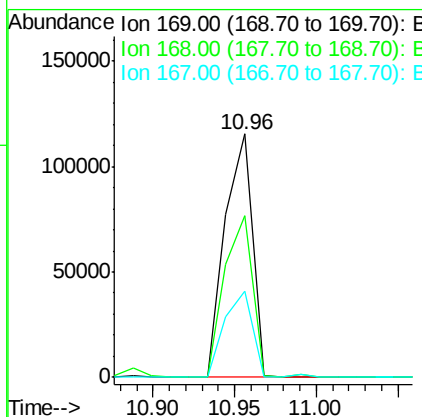
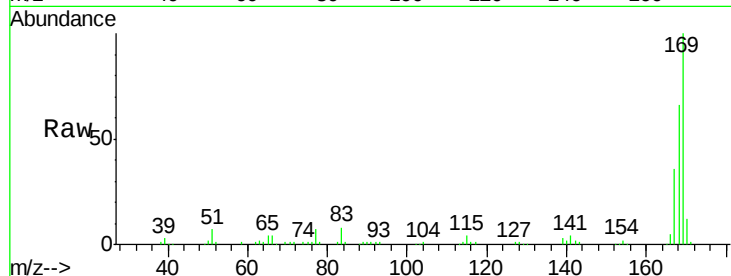
#65
 n-Nitrosodiphenylamine
 Concen: 36.04 ng
 RT: 10.96 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	133112		
168	66.3	53.6	80.4	
167	35.6	29.9	44.9	

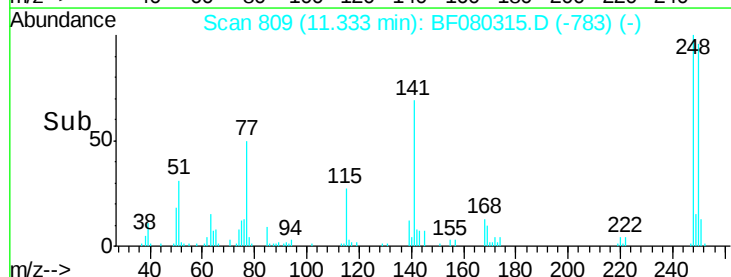
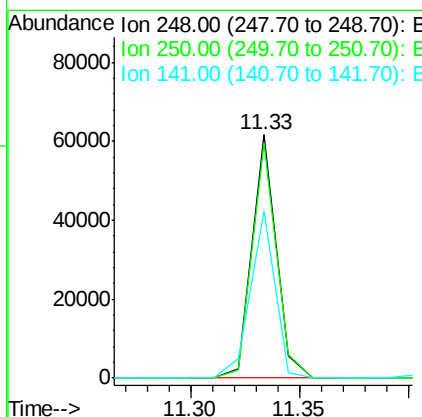
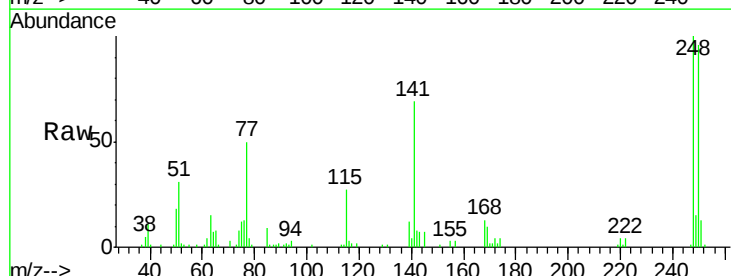
Manual Integrations
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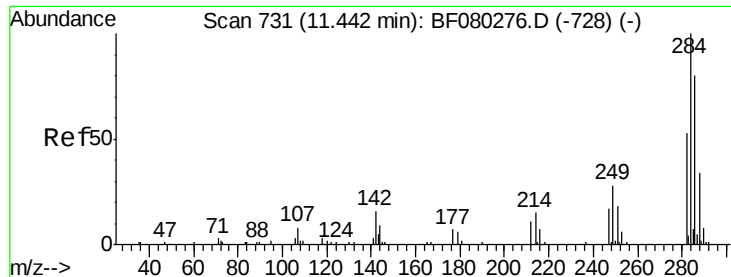
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 39.45 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	47917		
250	96.2	78.2	117.4	
141	68.6	31.9	47.9	





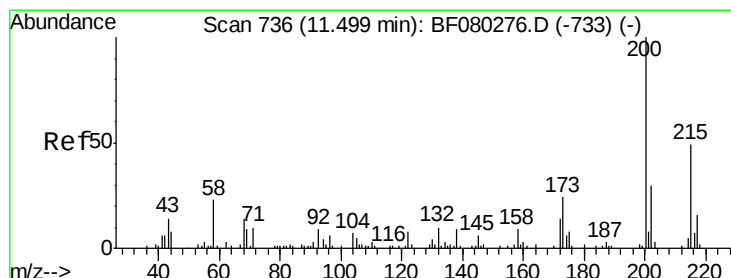
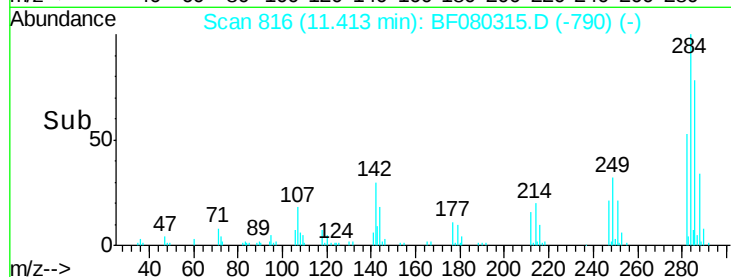
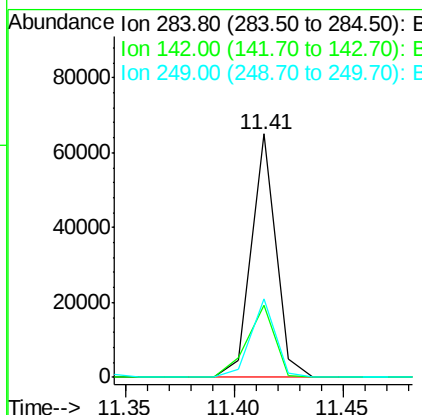
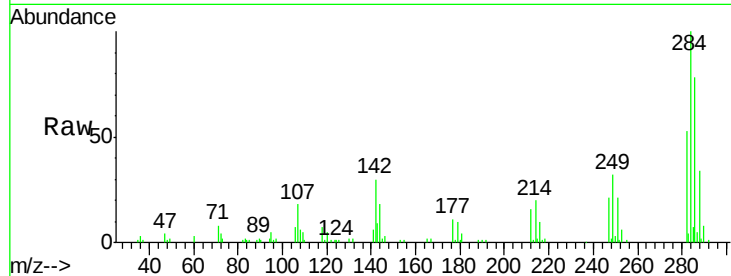
#67
Hexachlorobenzene
Concen: 39.28 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	51143		
142	29.8	12.5	18.7	#
249	32.1	22.4	33.6	

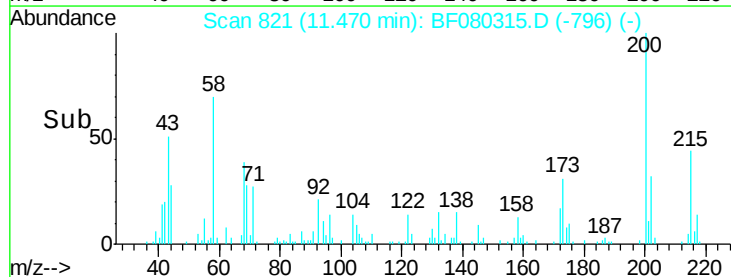
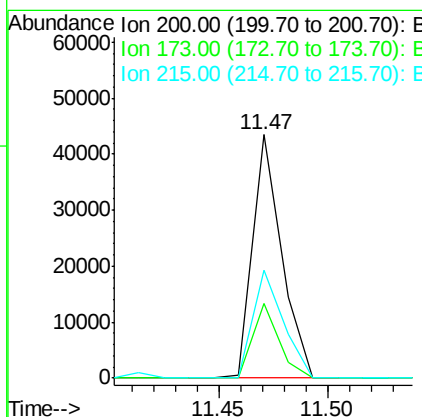
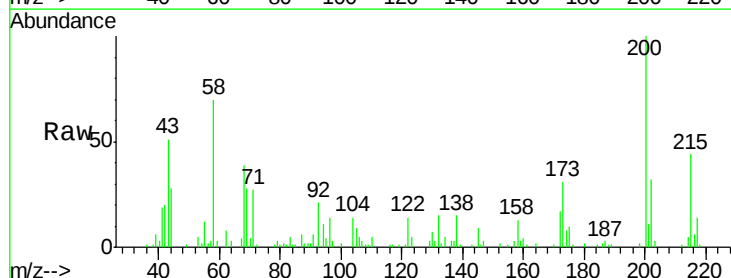
Manual Integrations
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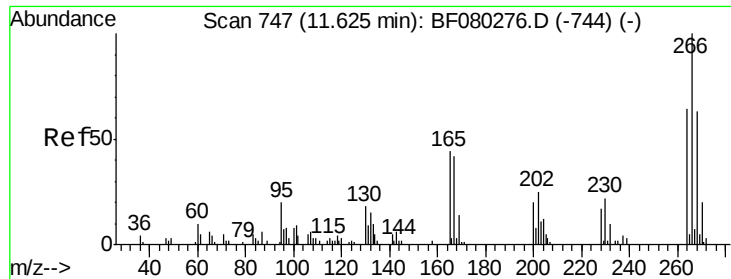
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#68
Atrazine
Concen: 35.95 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	40135		
173	30.5	3.5	43.5	
215	44.5	28.6	68.6	





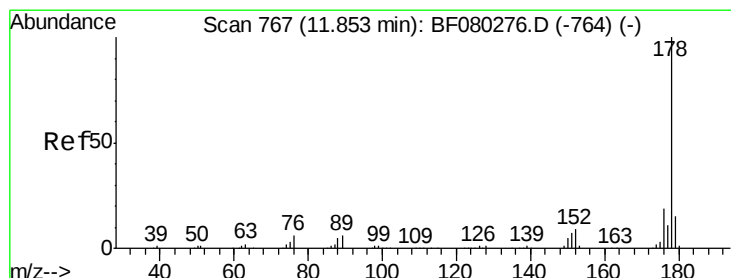
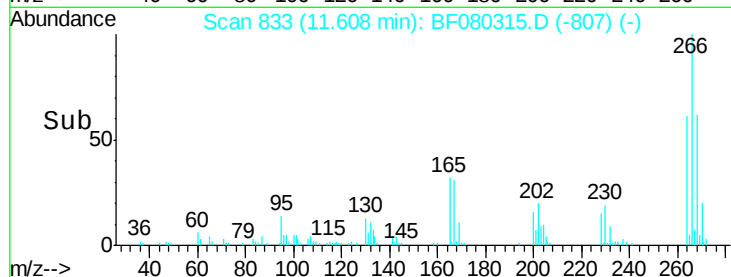
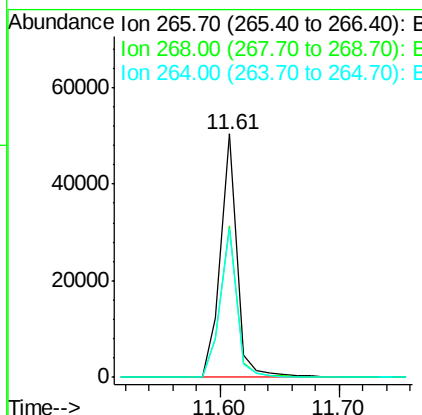
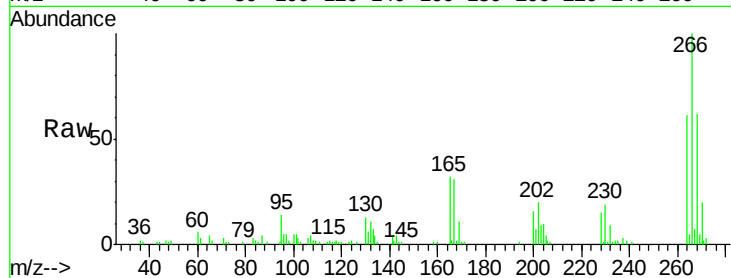
#69
 Pentachlorophenol
 Concen: 69.36 ng
 RT: 11.61 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	50.7	76.1
264	61.3	51.3	76.9

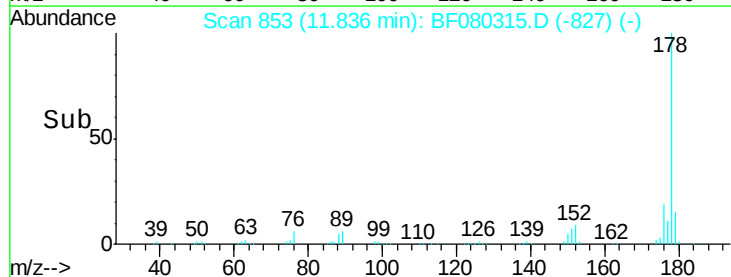
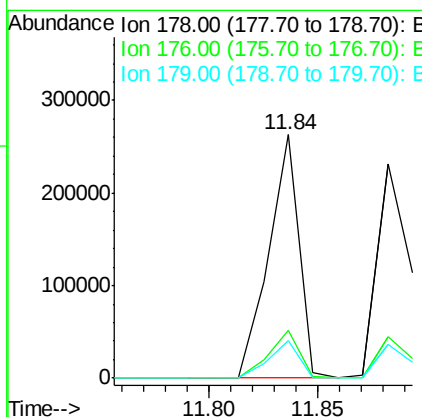
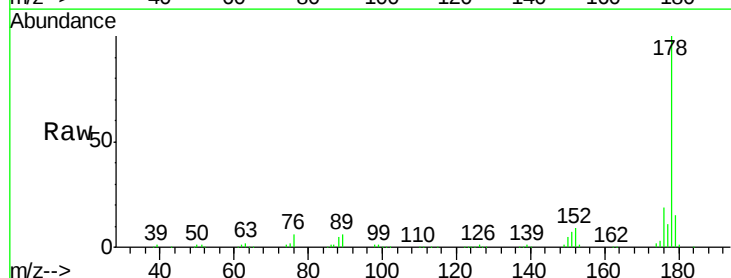
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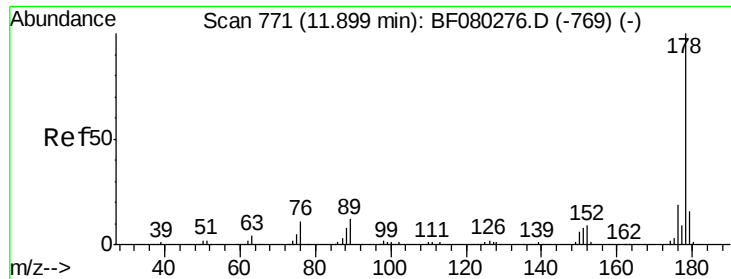
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#70
 Phenanthrene
 Concen: 38.16 ng
 RT: 11.84 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.3	12.2	18.2





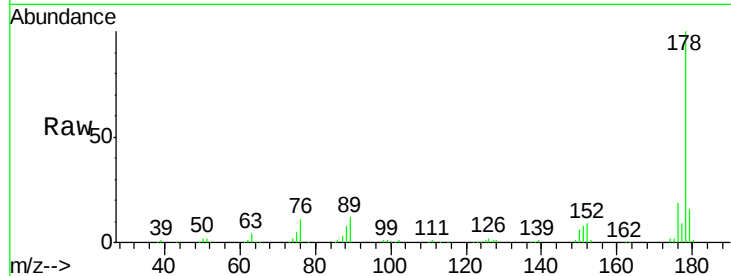
#71
 Anthracene
 Concen: 37.63 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

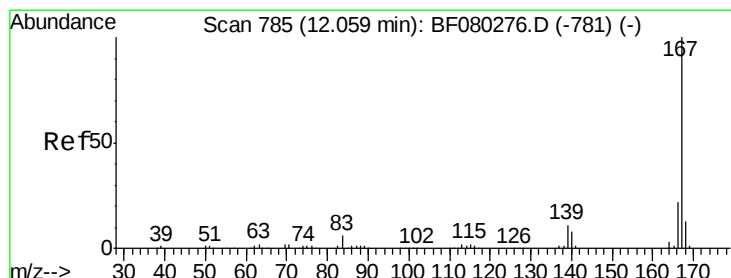
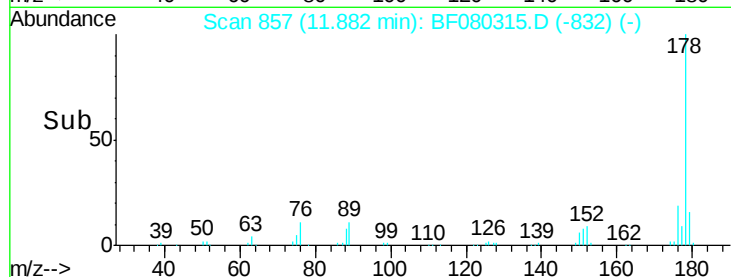
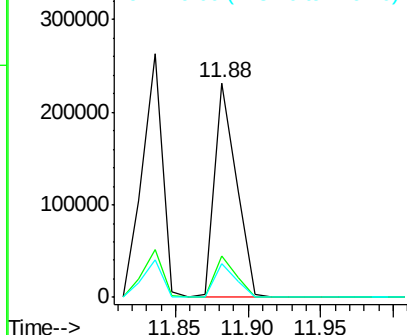
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	243102		
176	19.2	15.2	22.8	
179	16.0	12.6	18.8	

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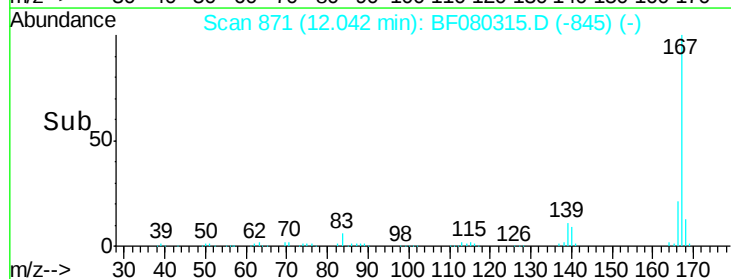
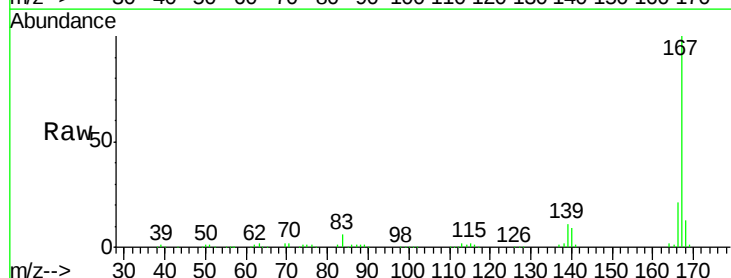
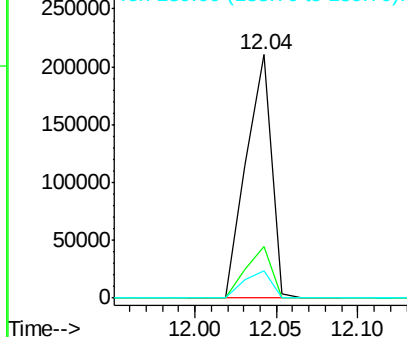
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

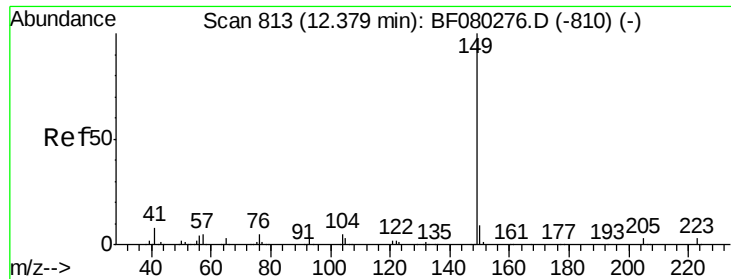


#72
 Carbazole
 Concen: 37.41 ng
 RT: 12.04 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	226042		
166	21.4	17.3	25.9	
139	11.3	8.6	13.0	

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





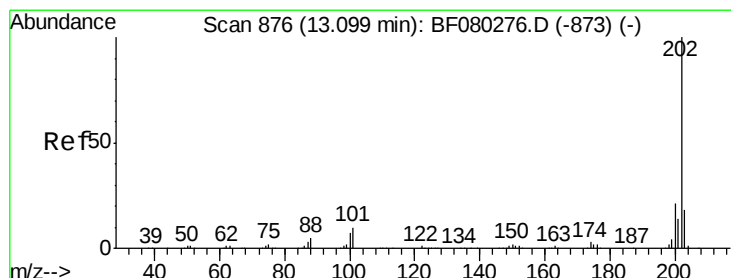
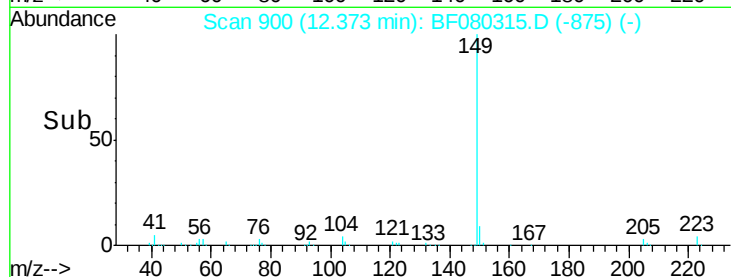
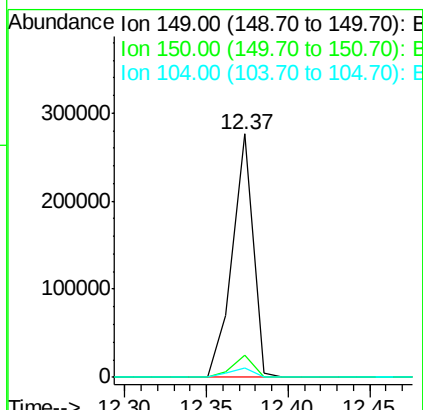
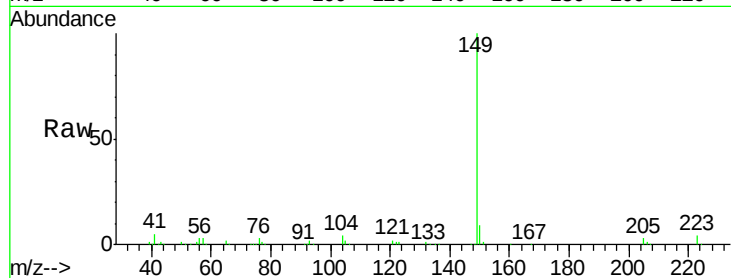
#73
Di-n-butylphthalate
Concen: 37.36 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.1	7.4	11.0
104	4.1	3.7	5.5

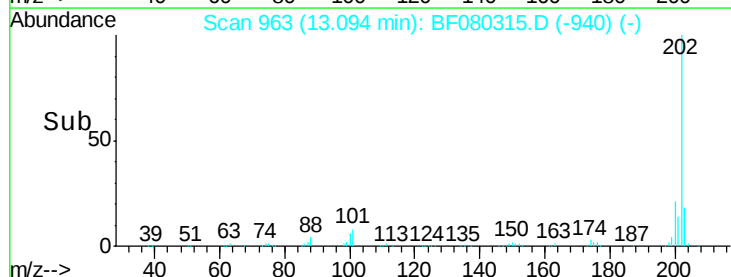
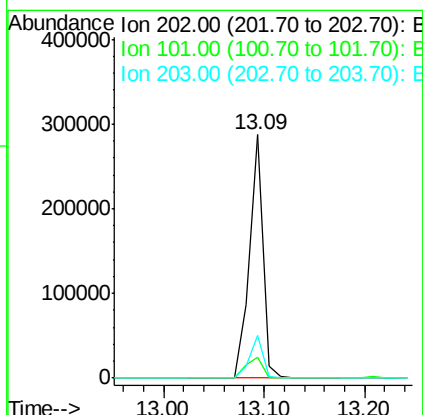
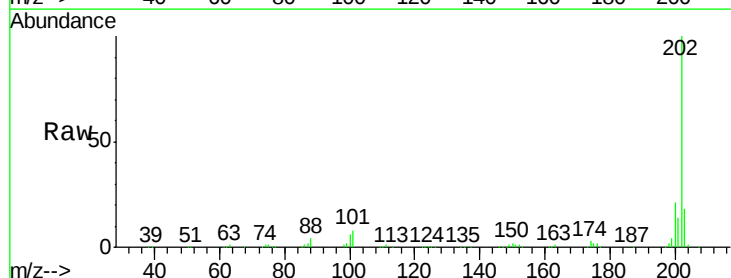
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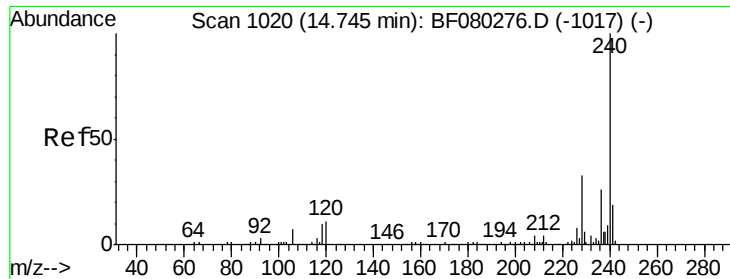
apatel
7/6/2015 3:33:30 PM



#74
Fluoranthene
Concen: 38.67 ng
RT: 13.09 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	0.0	30.4
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.81 min Scan# 1113

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

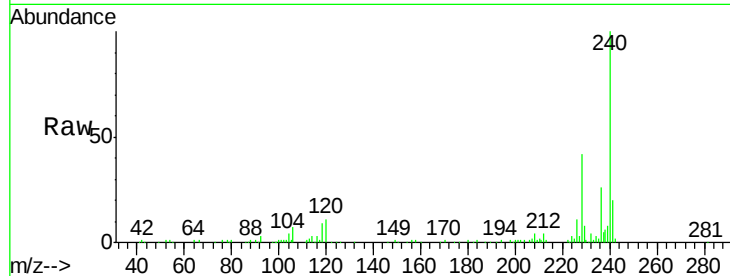
ClientSampleId :

PB84340BS

Tgt Ion:	240	Resp:	130921
Ion Ratio	Lower	Upper	
240	100		
120	11.2	8.7	13.1
236	25.8	20.9	31.3

Manual Integrations
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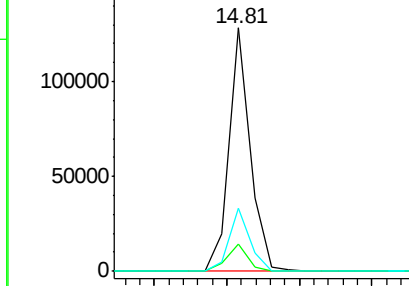
apatel
7/6/2015 3:33:30 PM



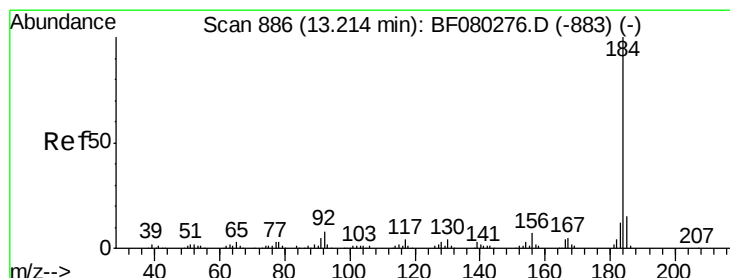
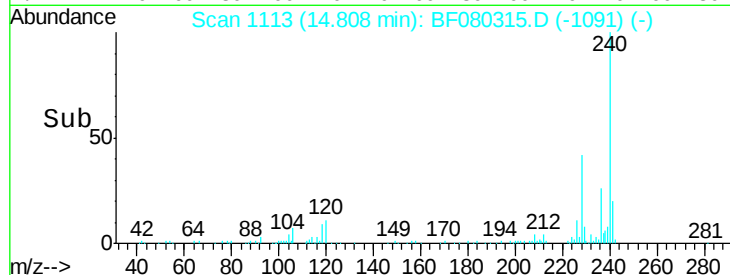
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 43.94 ng

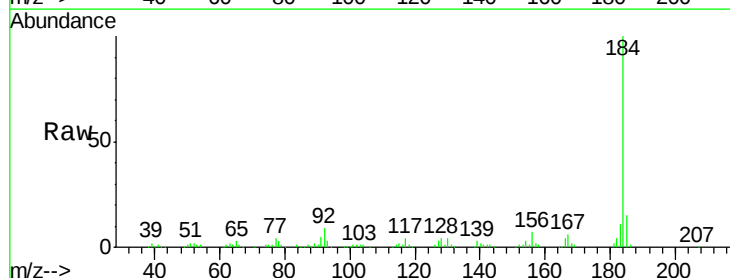
RT: 13.21 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

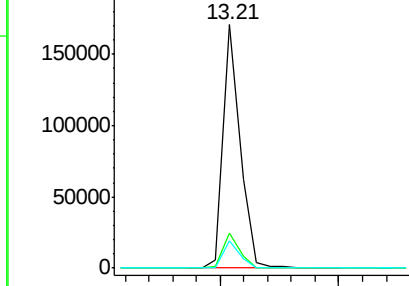
Tgt Ion:	184	Resp:	168469
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.6
183	11.2	9.4	14.0



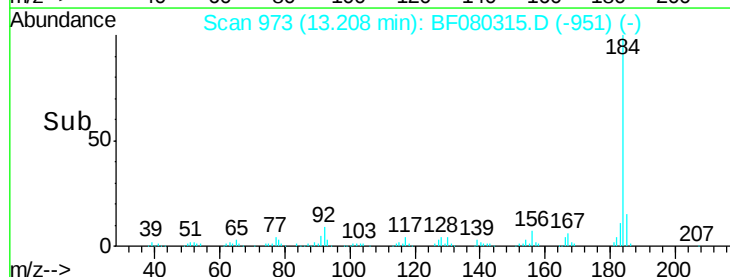
Abundance Ion 184.00 (183.70 to 184.70): E

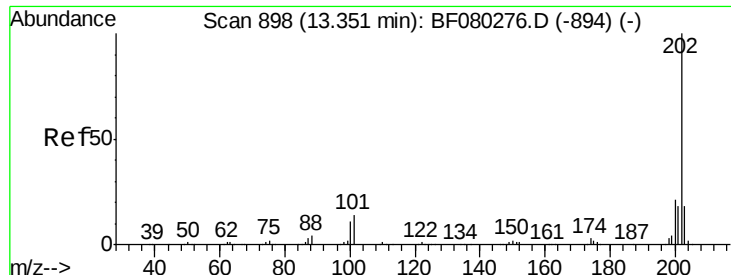
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->





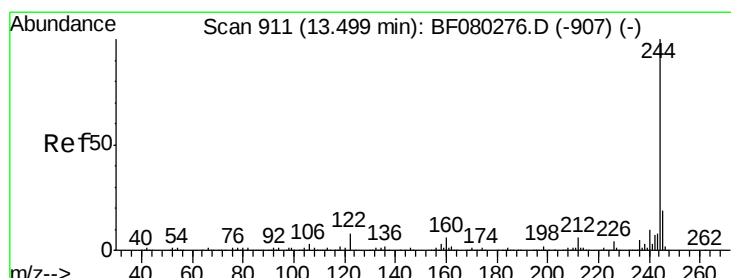
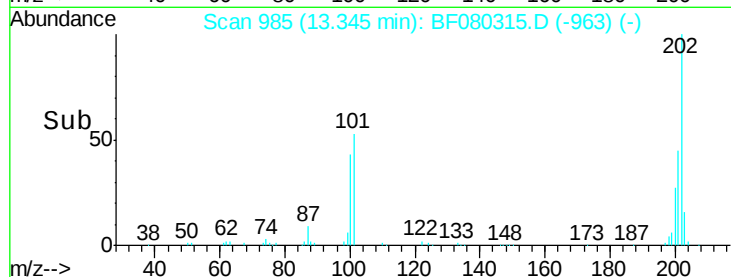
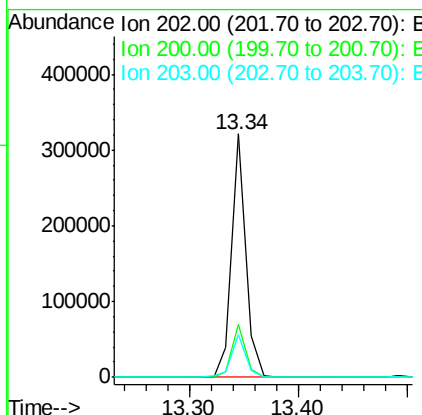
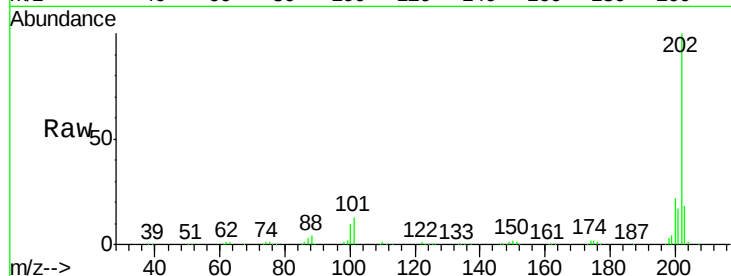
#77
 Pyrene
 Concen: 34.36 ng
 RT: 13.34 min Scan# 985
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.7	17.0	25.6
203	17.5	14.0	21.0

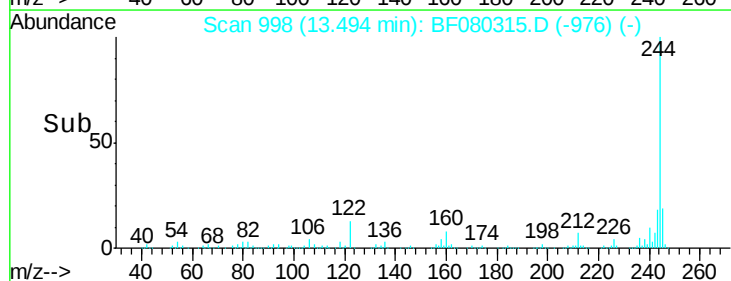
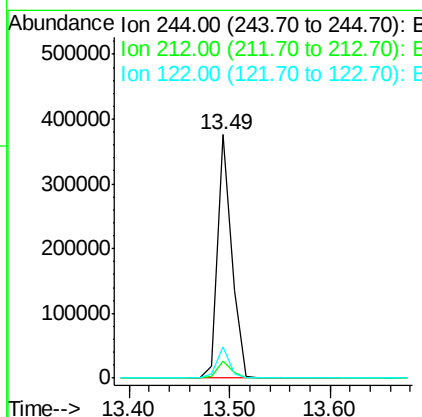
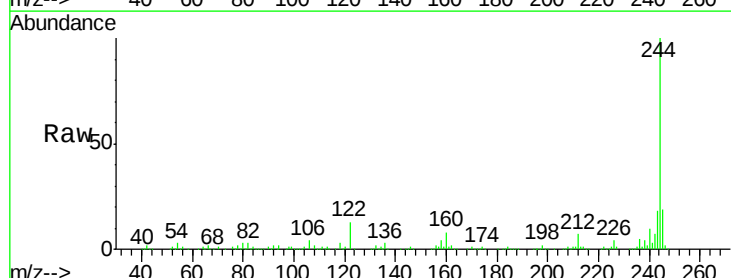
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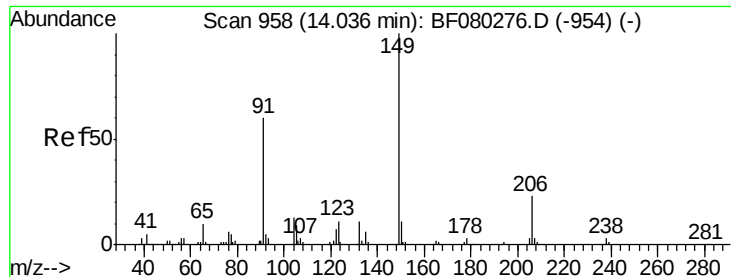
apatel
 7/6/2015 3:33:30 PM



#78
 Terphenyl-d14
 Concen: 65.71 ng
 RT: 13.49 min Scan# 998
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	5.0	7.6
122	13.0	6.6	9.8





#79

Butylbenzylphthalate

Concen: 32.99 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.06 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

Tgt Ion:149 Resp: 105998
Ion Ratio Lower Upper

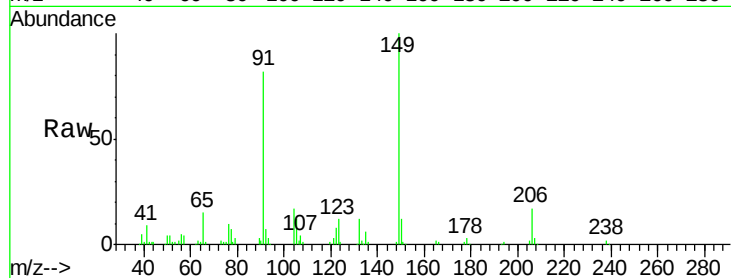
149 100

91 82.2 48.1 72.1#

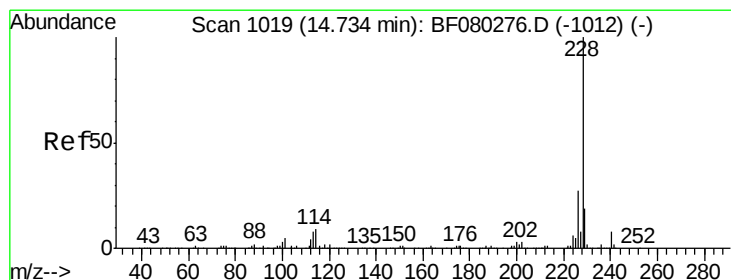
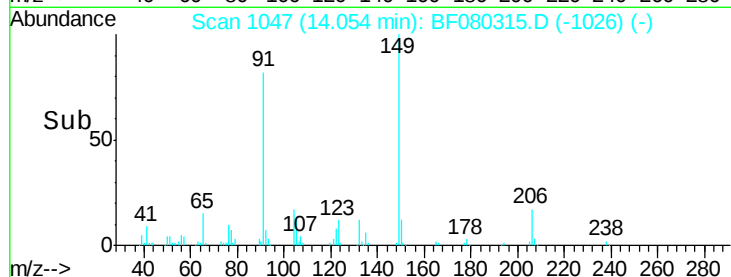
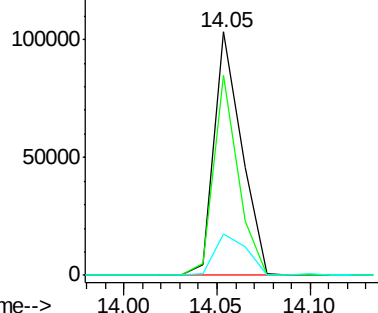
206 17.1 18.1 27.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 35.92 ng

RT: 14.80 min Scan# 1112

Delta R.T. -0.05 min

Lab File: BF080315.D

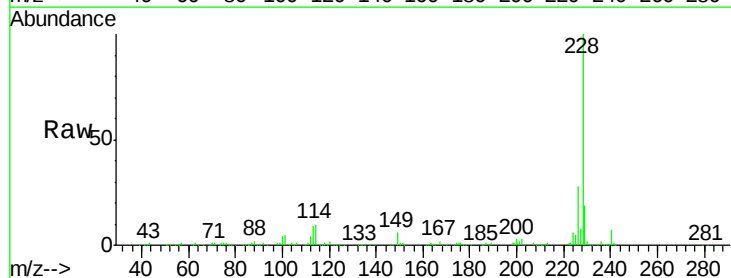
Acq: 2 Jul 2015 18:31

Tgt Ion:228 Resp: 284146
Ion Ratio Lower Upper

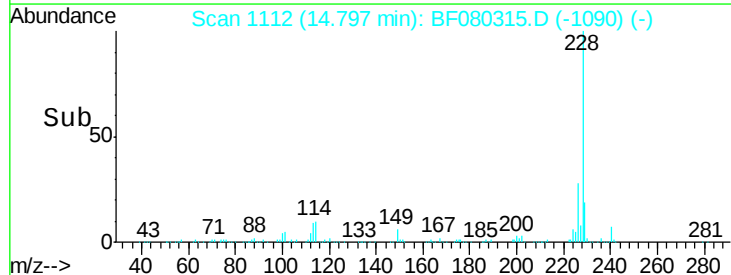
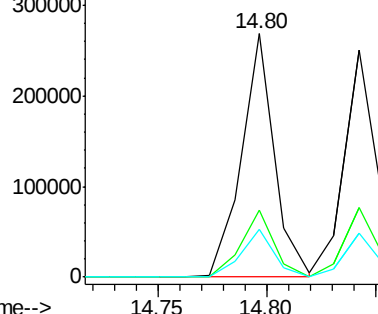
228 100

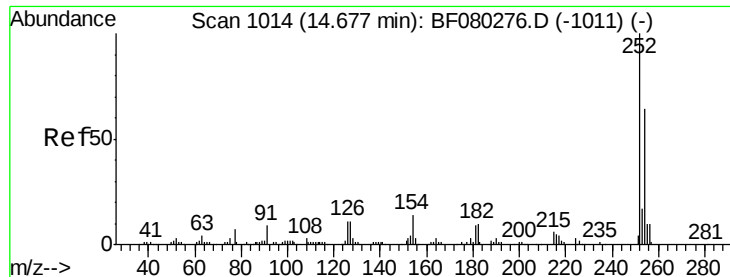
226 27.6 21.7 32.5

229 19.4 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





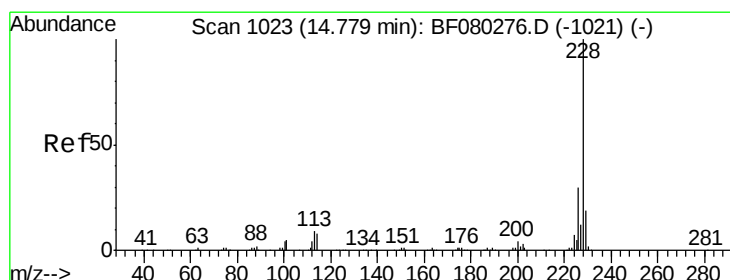
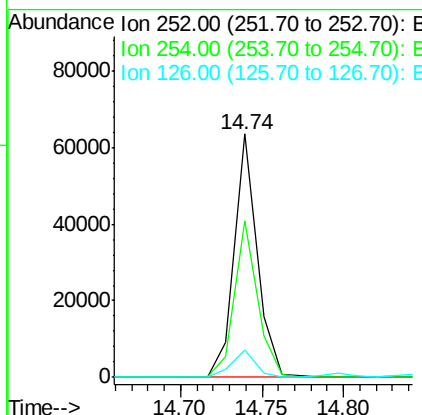
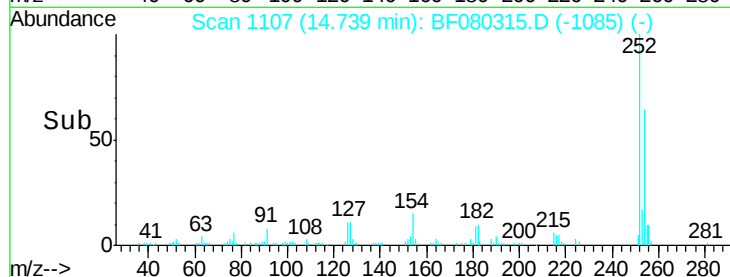
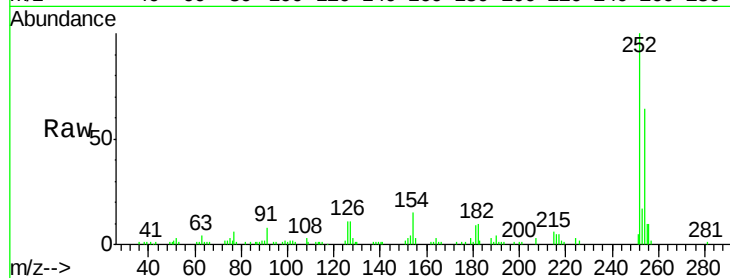
#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.74 min Scan# 1107
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	11.0	9.0	13.6

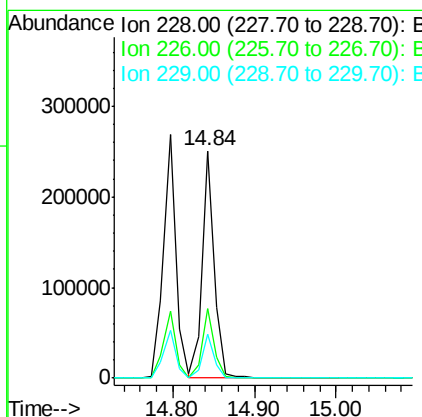
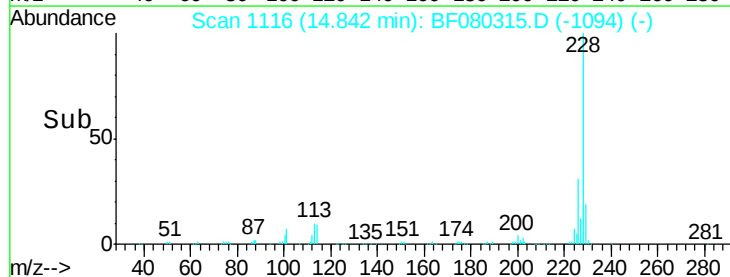
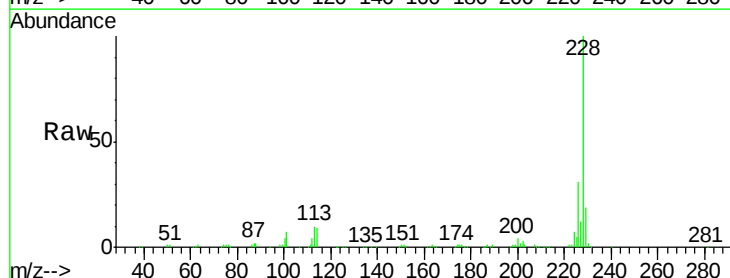
Manual Integrations
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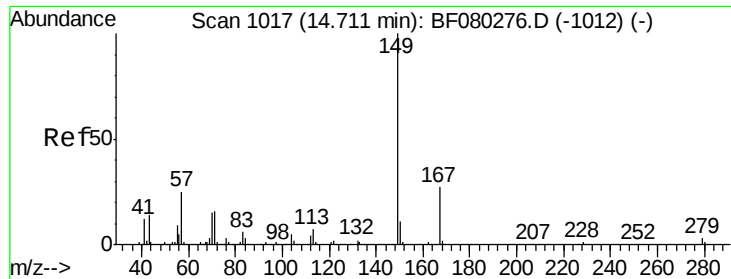
apatel
 7/6/2015 3:33:30 PM



#82
 Chrysene
 Concen: 36.48 ng
 RT: 14.84 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.4	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.93 ng

RT: 14.79 min Scan# 1111

Delta R.T. -0.05 min

Lab File: BF080315.D

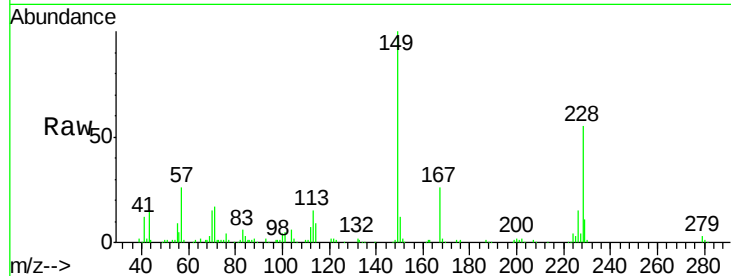
Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

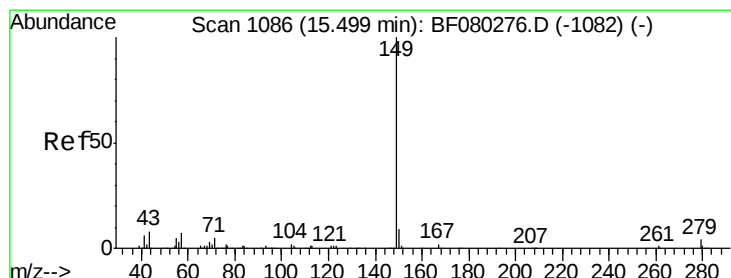
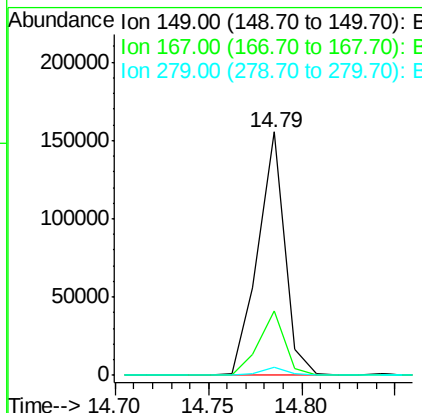
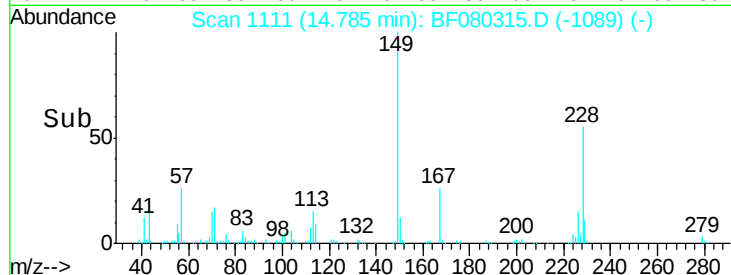
PB84340BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	157995		
167	26.3	21.7	32.5	
279	3.2	2.7	4.1	

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 33.82 ng

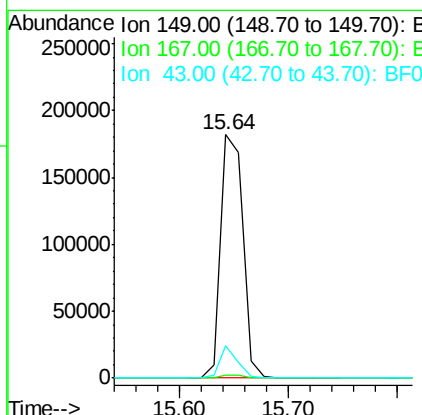
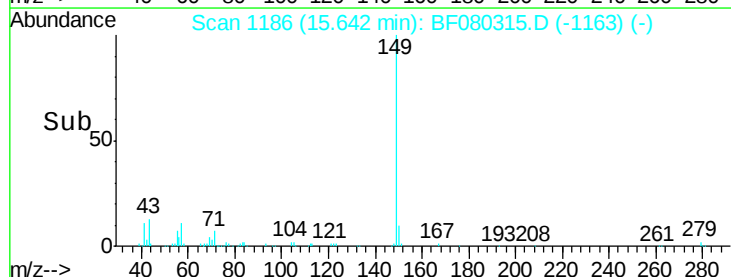
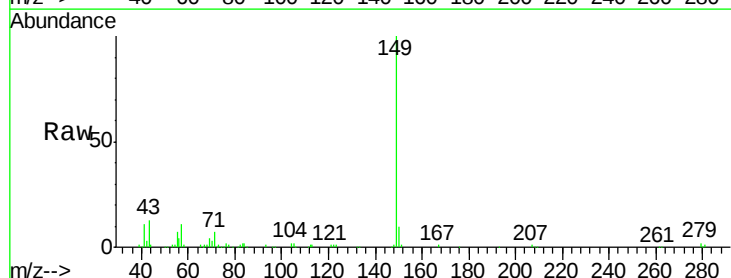
RT: 15.64 min Scan# 1186

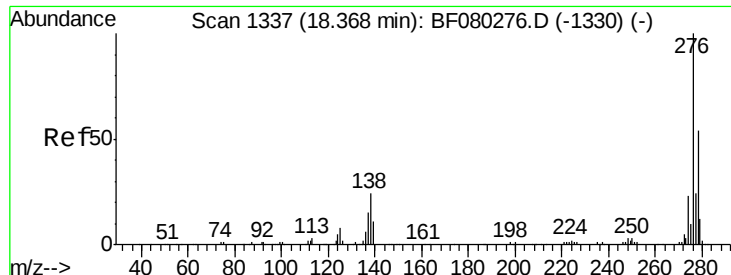
Delta R.T. -0.03 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

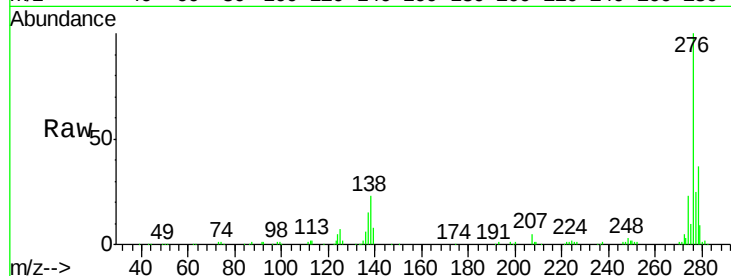
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	257750		
167	1.4	1.2	1.8	
43	10.6	8.3	12.5	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.19 ng
 RT: 18.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

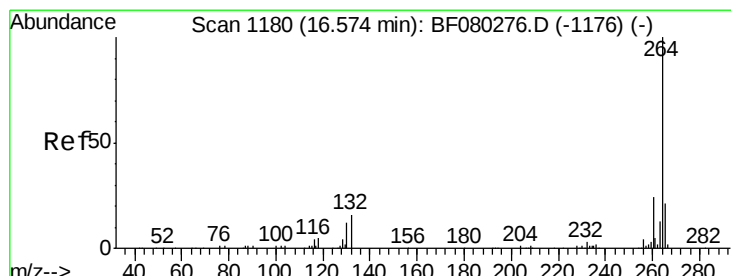
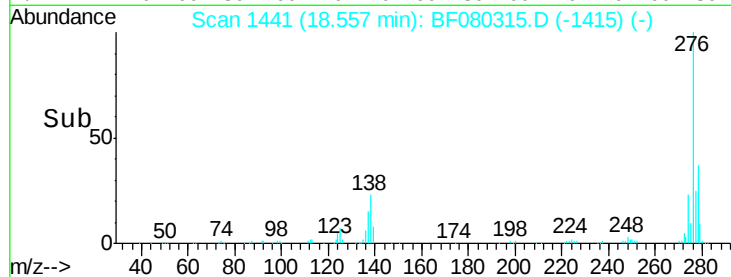
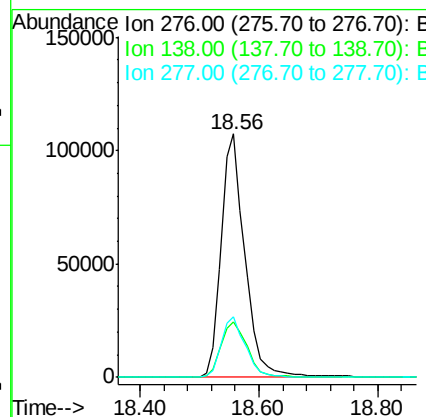
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BS



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	296789		
138	25.0	21.0	31.6	
277	25.3	19.4	29.0	

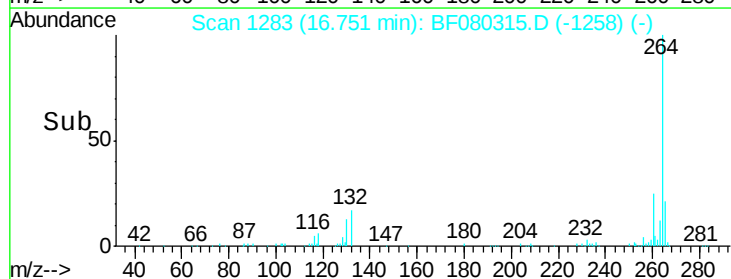
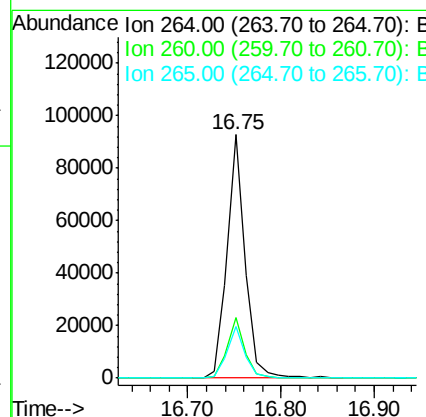
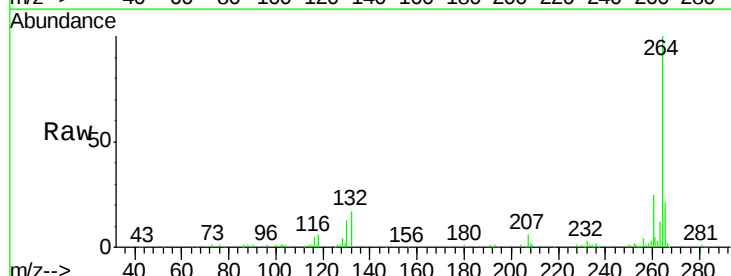
Manual Integrations
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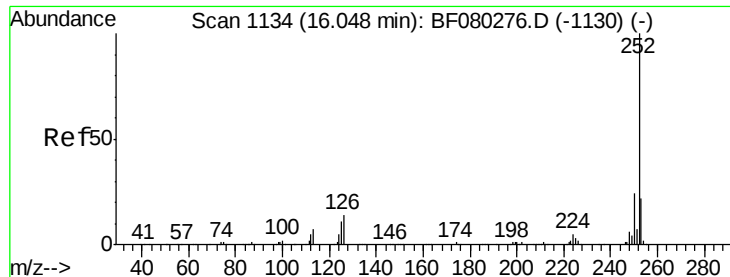
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF080315.D
 Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	124103		
260	24.9	19.2	28.8	
265	21.1	16.9	25.3	





#87

Benzo(b)fluoranthene

Concen: 32.87 ng

RT: 16.23 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

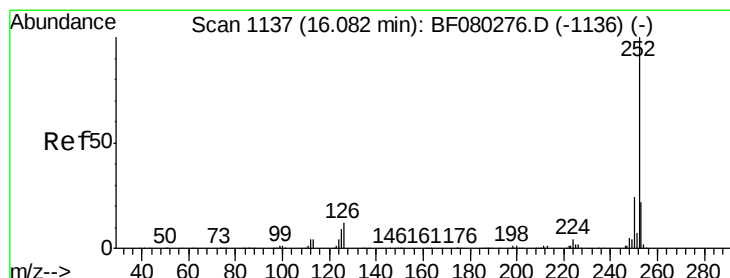
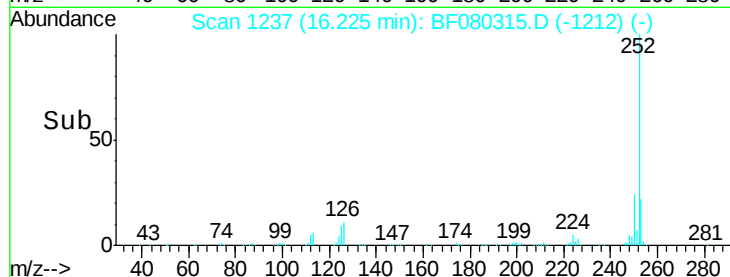
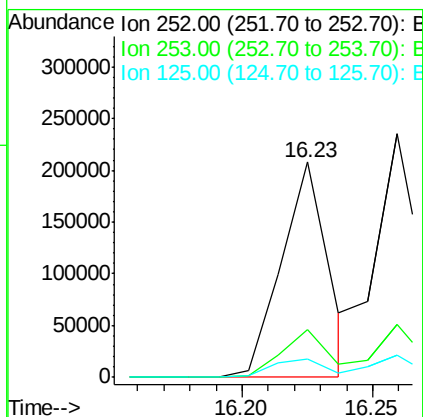
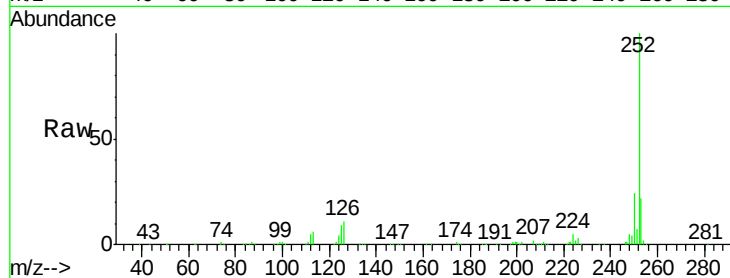
ClientSampleId :

PB84340BS

Tgt Ion:	252	Resp:	257688
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.6	26.4
125	8.7	8.6	12.8

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 38.20 ng m

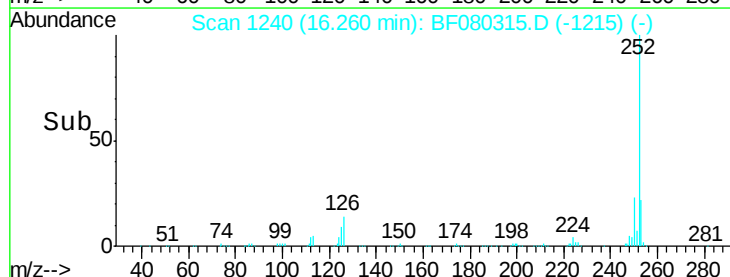
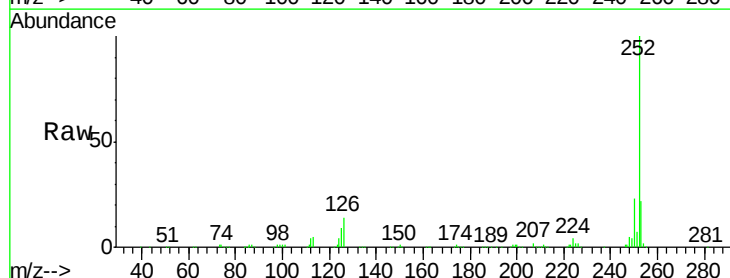
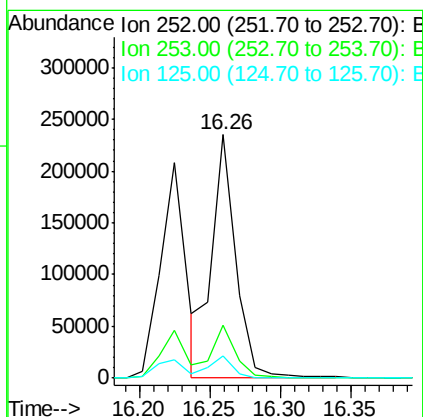
RT: 16.26 min Scan# 1240

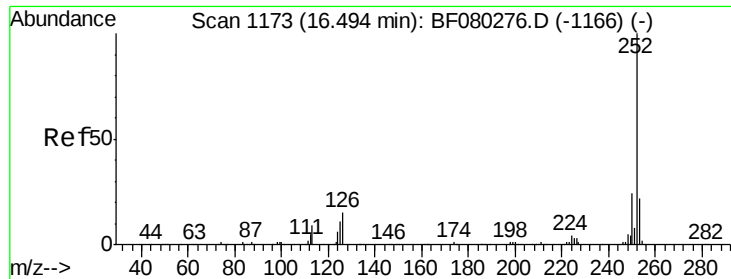
Delta R.T. -0.01 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Tgt Ion:	252	Resp:	281979
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.1	8.4	12.6





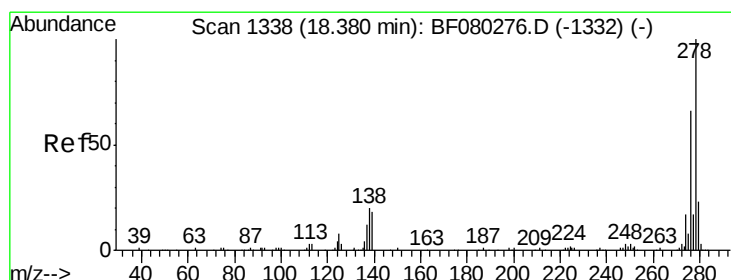
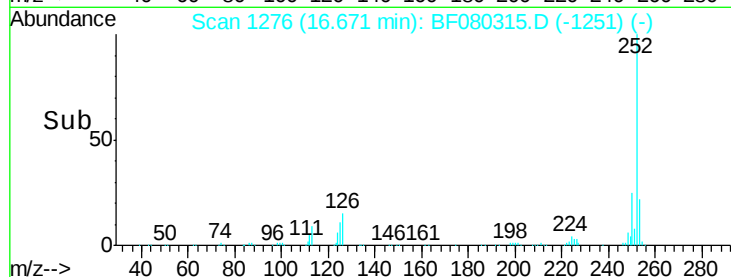
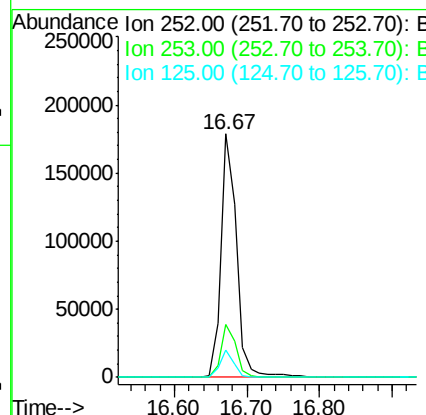
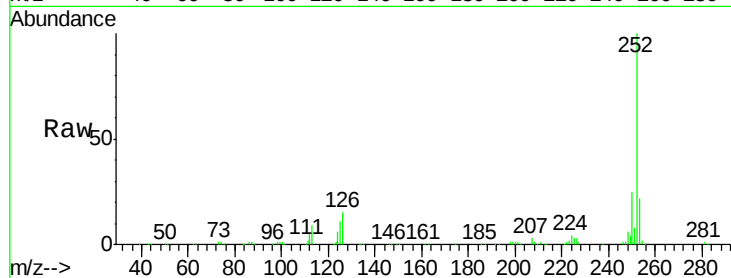
#89
Benzo(a)pyrene
Concen: 37.29 ng
RT: 16.67 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Instrument :
BNA_F
ClientSampleId :
PB84340BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	11.3	9.0	13.4

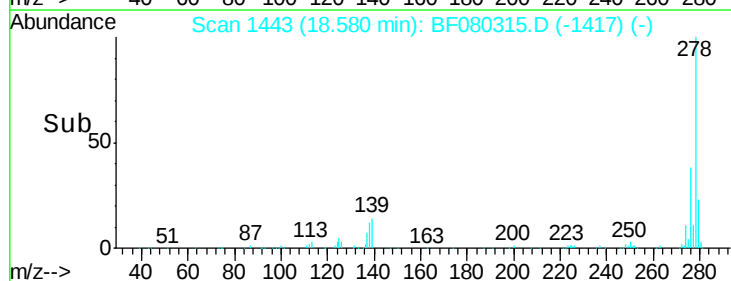
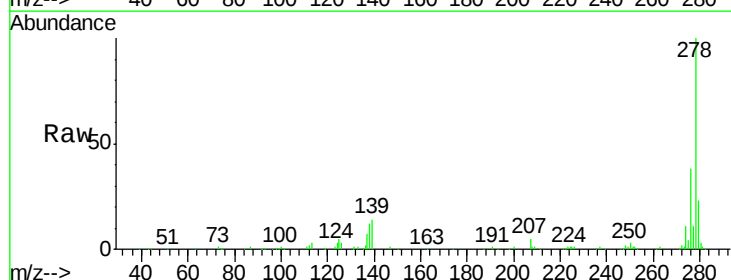
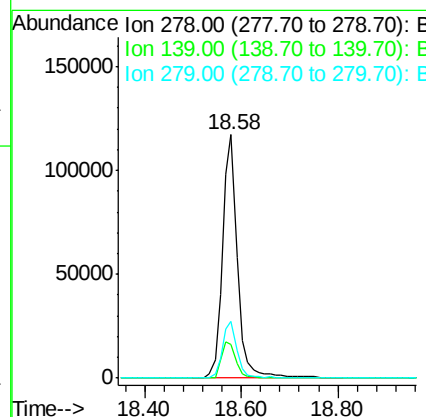
Manual Integrations
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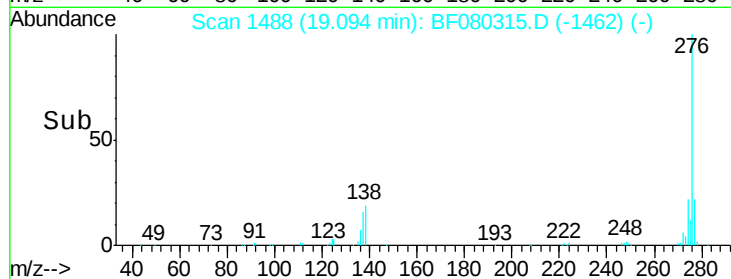
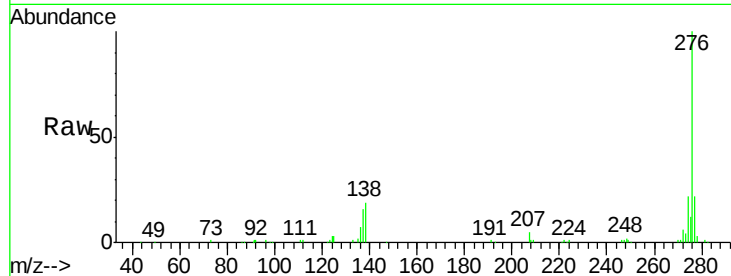
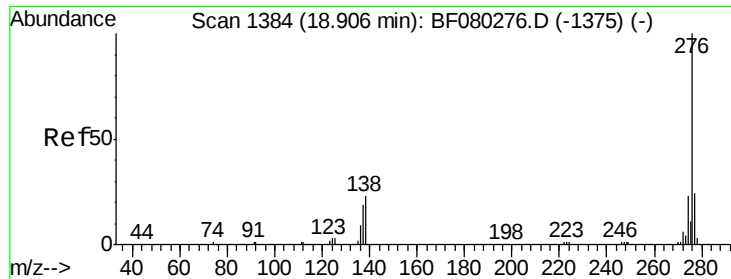
apatel
7/6/2015 3:33:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.93 ng
RT: 18.58 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF080315.D
Acq: 2 Jul 2015 18:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	14.6	21.8#
279	23.3	18.7	28.1





#91

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 19.09 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BF080315.D

Acq: 2 Jul 2015 18:31

Instrument :

BNA_F

ClientSampleId :

PB84340BS

Tgt	Ion	276	Resp:	256317
	Ratio	100	Lower	Upper
	276	100		
	277	21.9	19.0	28.6
	138	19.4	18.1	27.1

Manual Integrations
APPROVED

apatel
7/6/2015 3:33:30 PM

