

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080318.D
 Acq On : 2 Jul 2015 19:58
 Operator : TP/UM
 Sample : PB84336BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Manual Integrations
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 7/6/2015 3:33:38 PM

Quant Time: Jul 03 05:01:02 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	31308	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	119845	20.00	ng	0.00
38) Acenaphthene-d10	10.30	164	58672	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	122070	20.00	ng	-0.01
75) Chrysene-d12	14.72	240	135721	20.00	ng	-0.14
86) Perylene-d12	16.55	264	128059	20.00	ng	-0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.85	112	225562	124.76	ng	0.00
7) Phenol-d6	6.84	99	279945	115.35	ng	0.00
23) Nitrobenzene-d5	7.80	82	162981	74.88	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	77742	139.16	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	354040	86.85	ng	0.00
78) Terphenyl-d14	13.47	244	434325	74.96	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	24542	113.12	ng	# 100
3) Pyridine	3.90	79	81584	36.46	ng	97
4) n-Nitrosodimethylamine	3.80	42	39521	39.65	ng	96
6) Aniline	6.90	93	77545	23.89	ng	# 90
8) 2-Chlorophenol	7.02	128	83267	41.93	ng	96
9) Benzaldehyde	6.78	77	47015	35.45	ng	95
10) Phenol	6.86	94	98662	36.75	ng	85
11) bis(2-Chloroethyl)ether	6.96	93	73282	36.09	ng	94
12) 1,3-Dichlorobenzene	7.18	146	94040	38.79	ng	99
13) 1,4-Dichlorobenzene	7.26	146	84123	34.85	ng	93
14) 1,2-Dichlorobenzene	7.41	146	90889	37.90	ng	97
15) Benzyl Alcohol	7.37	79	72195	38.64	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.50	45	114470	36.75	ng	100
17) 2-Methylphenol	7.47	107	62506	36.41	ng	94
18) Hexachloroethane	7.77	117	27498	36.49	ng	# 65
19) n-Nitroso-di-n-propylamine	7.63	70	53741	33.31	ng	93
20) 3+4-Methylphenols	7.63	107	92073	40.37	ng	90
22) Acetophenone	7.64	105	120617	43.08	ng	# 95
24) Nitrobenzene	7.81	77	85760	38.00	ng	95
25) Isophorone	8.05	82	159665	37.74	ng	95
26) 2-Nitrophenol	8.14	139	36145	36.67	ng	# 72
27) 2,4-Dimethylphenol	8.17	122	75706	41.84	ng	91
28) bis(2-Chloroethoxy)methane	8.26	93	102693	40.45	ng	98
29) 2,4-Dichlorophenol	8.37	162	66849	40.00	ng	94
30) 1,2,4-Trichlorobenzene	8.48	180	69774	35.79	ng	# 92
31) Naphthalene	8.56	128	240358m	39.37	ng	
32) Benzoic acid	8.22	122	27877	67.33	ng	97
33) 4-Chloroaniline	8.59	127	49484m	19.10	ng	
34) Hexachlorobutadiene	8.67	225	41859	34.09	ng	98
35) Caprolactam	8.93	113	19693	38.84	ng	# 73
36) 4-Chloro-3-methylphenol	9.06	107	70208	38.81	ng	88
37) 2-Methylnaphthalene	9.24	142	152139	36.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	70169	35.94	ng	# 98
40) Hexachlorocyclopentadiene	9.40	237	58288	76.19	ng	94

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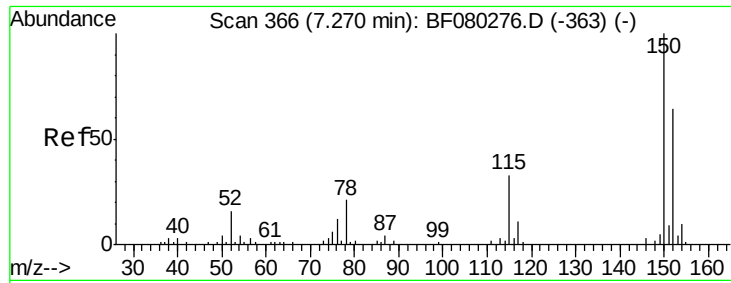
Manual Integrations
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Quant Time: Jul 03 05:01:02 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	45993	37.21	ng	97
43) 2,4,5-Trichlorophenol	9.56	196	58269	43.76	ng #	93
45) 1,1'-Biphenyl	9.71	154	207902	41.67	ng	98
46) 2-Chloronaphthalene	9.74	162	151597	39.25	ng #	92
47) 2-Nitroaniline	9.82	65	48786	43.92	ng #	80
48) Acenaphthylene	10.16	152	248865	37.11	ng	99
49) Dimethylphthalate	10.00	163	185388	41.36	ng	99
50) 2,6-Dinitrotoluene	10.06	165	40917	44.66	ng #	71
51) Acenaphthene	10.34	154	161178	41.74	ng	86
52) 3-Nitroaniline	10.24	138	30196	28.73	ng	87
53) 2,4-Dinitrophenol	10.34	184	35107	88.53	ng #	55
54) Dibenzofuran	10.51	168	230486	42.29	ng	91
55) 4-Nitrophenol	10.38	139	73345	94.41	ng #	76
56) 2,4-Dinitrotoluene	10.48	165	50214	42.26	ng #	63
57) Fluorene	10.85	166	192212	42.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.62	232	45514	43.86	ng	94
59) Diethylphthalate	10.70	149	189733	44.54	ng	94
60) 4-Chlorophenyl-phenylether	10.84	204	82144	40.19	ng #	79
61) 4-Nitroaniline	10.85	138	42638	39.92	ng	78
62) Azobenzene	11.00	77	168829	38.53	ng	84
64) 4,6-Dinitro-2-methylphenol	10.89	198	25242	48.39	ng #	51
65) n-Nitrosodiphenylamine	10.96	169	151262	37.71	ng	98
66) 4-Bromophenyl-phenylether	11.33	248	56072	42.50	ng #	90
67) Hexachlorobenzene	11.41	284	58772	41.56	ng #	93
68) Atrazine	11.47	200	50569	41.70	ng	95
69) Pentachlorophenol	11.60	266	59255	77.46	ng	98
70) Phenanthrene	11.83	178	301340	41.20	ng	99
71) Anthracene	11.88	178	282108	40.20	ng	98
72) Carbazole	12.03	167	268449	40.91	ng	98
73) Di-n-butylphthalate	12.35	149	270148	38.37	ng	100
74) Fluoranthene	13.07	202	312107	41.30	ng	96
76) Benzidine	13.19	184	177080	44.55	ng	100
77) Pyrene	13.32	202	333918	38.44	ng	99
79) Butylbenzylphthalate	14.01	149	119112	35.76	ng	96
80) Benzo(a)anthracene	14.71	228	318098	38.79	ng	99
81) 3,3'-Dichlorobenzidine	14.65	252	76895	28.72	ng #	98
82) Chrysene	14.75	228	297669	39.37	ng	99
83) Bis(2-ethylhexyl)phthalate	14.68	149	166169	35.44	ng #	96
84) Di-n-octyl phthalate	15.48	149	265294	33.58	ng	98
85) Indeno(1,2,3-cd)pyrene	18.32	276	334503	39.35	ng	98
87) Benzo(b)fluoranthene	16.03	252	295906	36.58	ng #	97
88) Benzo(k)fluoranthene	16.07	252	317575	41.69	ng	98
89) Benzo(a)pyrene	16.48	252	304585	41.32	ng #	97
90) Dibenzo(a,h)anthracene	18.34	278	284409	41.12	ng	98
91) Benzo(g,h,i)perylene	18.85	276	290751	40.29	ng	99

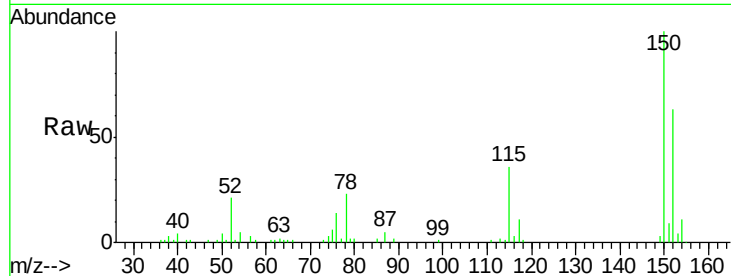
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

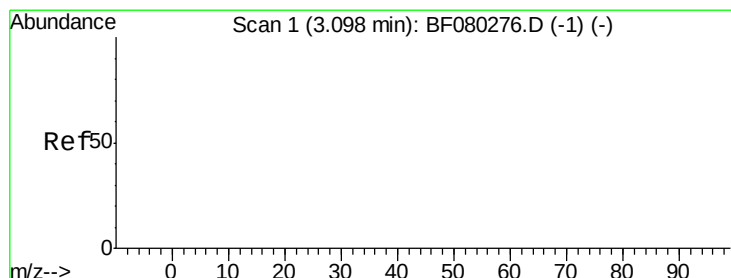
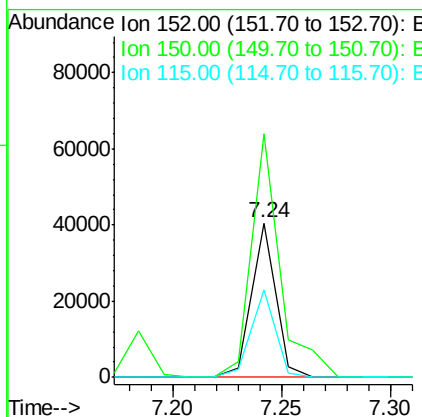
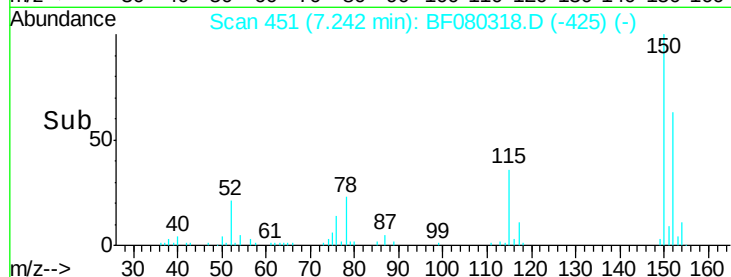
Instrument :
BNA_F
ClientSampleId :
PB84336BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	57.0	41.0	61.6

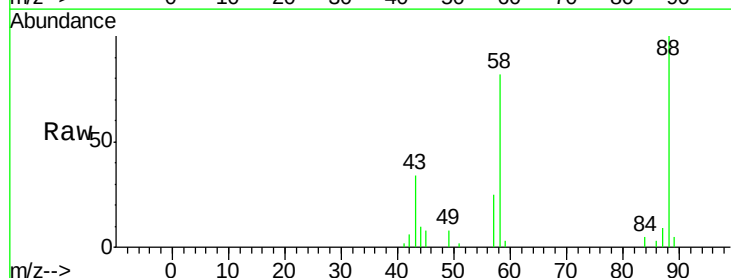
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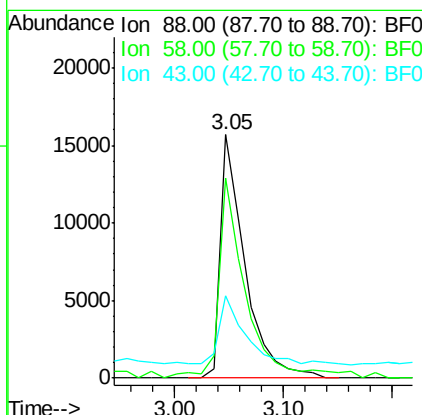
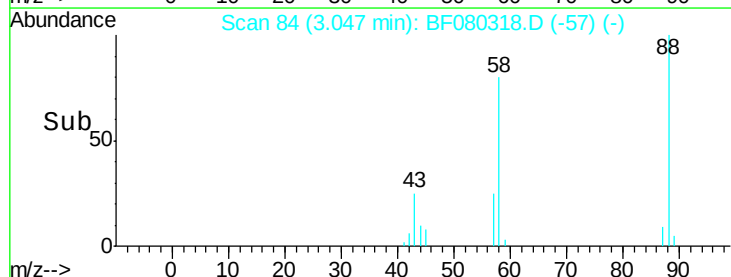


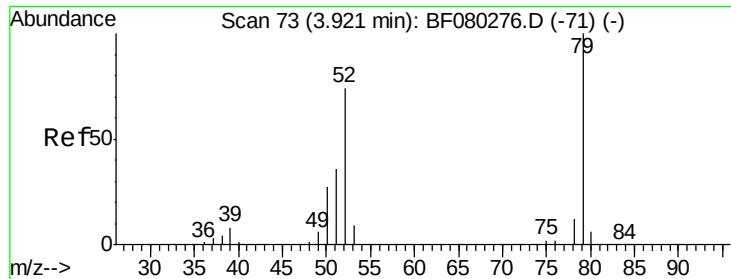
#2

1,4-Dioxane
Concen: 113.12 ng
RT: 3.05 min Scan# 84
Delta R.T. 0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58



Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.4	0.0	0.0#
43	31.5	0.0	0.0#





#3

Pyridine

Concen: 36.46 ng

RT: 3.90 min Scan# 159

Delta R.T. 0.02 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

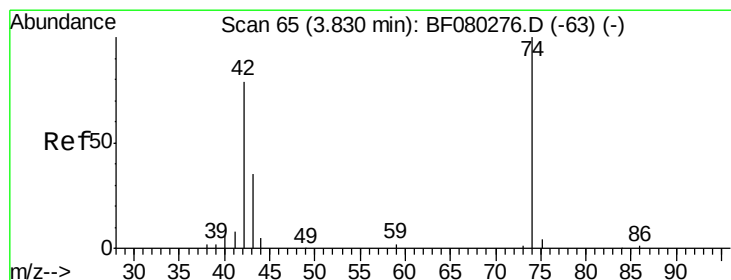
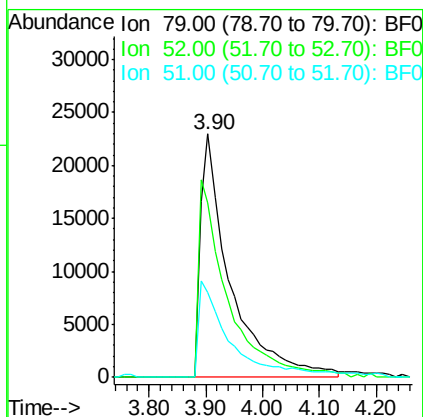
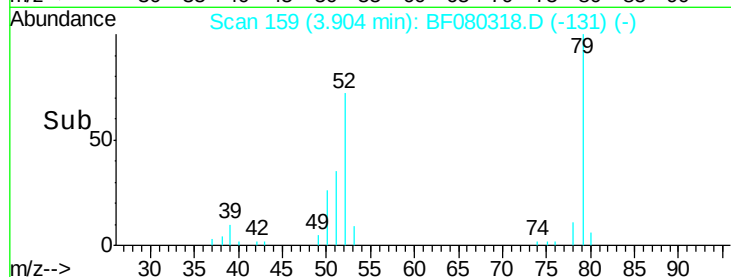
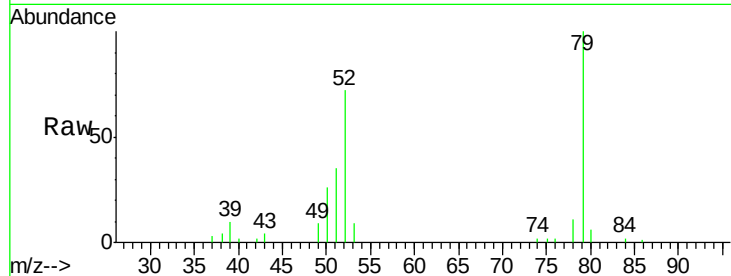
ClientSampleId :

PB84336BS

Tgt Ion:	79	Resp:	81584
Ion	Ratio	Lower	Upper
79	100		
52	71.5	59.3	88.9
51	35.1	29.0	43.6

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#4

n-Nitrosodimethylamine

Concen: 39.65 ng

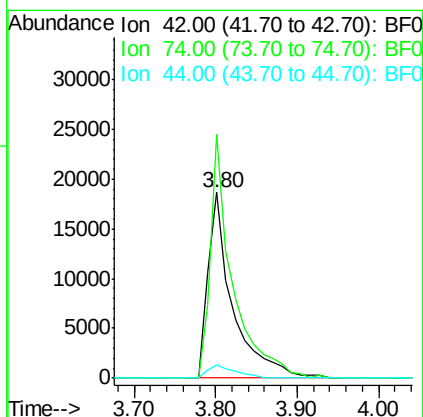
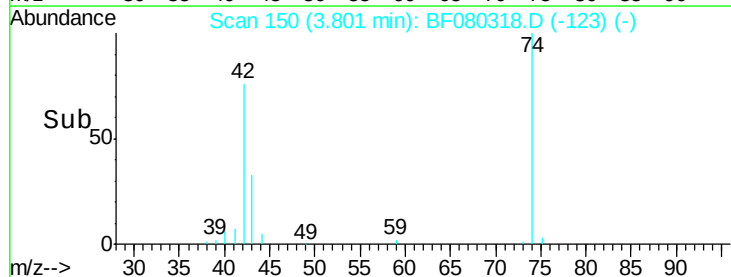
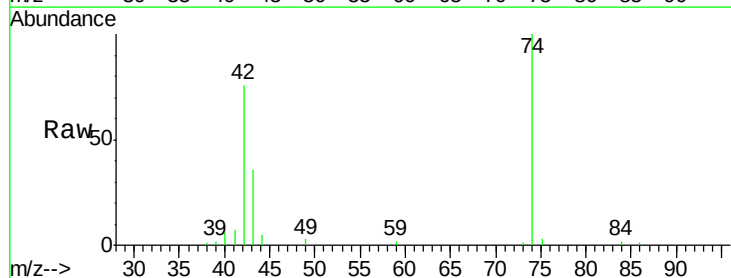
RT: 3.80 min Scan# 150

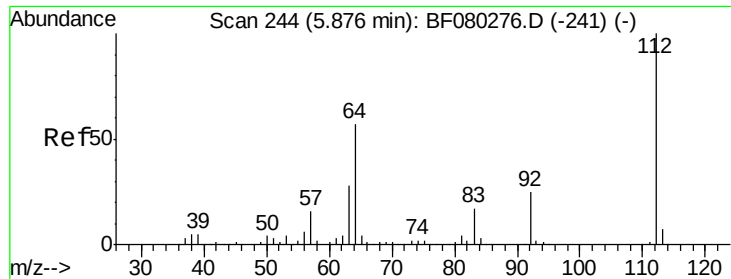
Delta R.T. 0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	42	Resp:	39521
Ion	Ratio	Lower	Upper
42	100		
74	131.1	101.4	152.2
44	6.8	6.3	9.5





#5

2-Fluorophenol

Concen: 124.76 ng

RT: 5.85 min Scan# 329

Delta R.T. 0.00 min

Lab File: BF080318.D

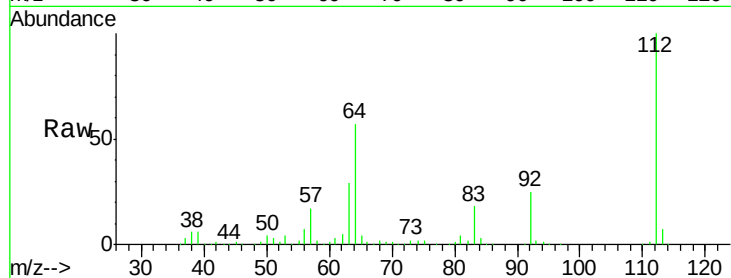
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

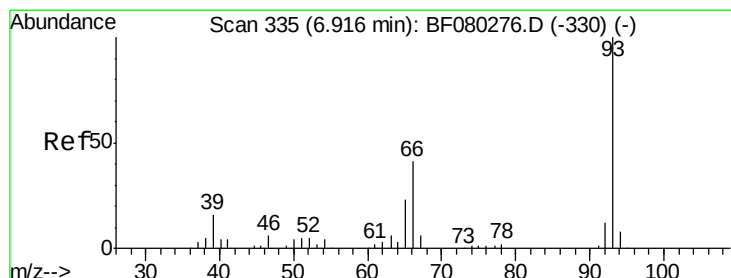
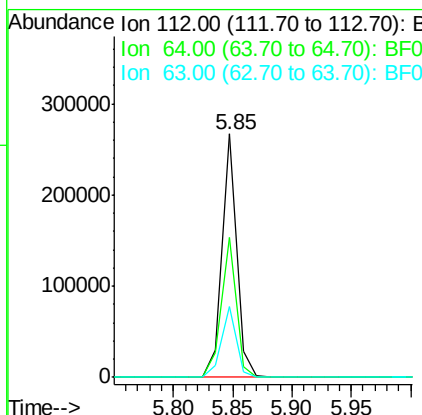
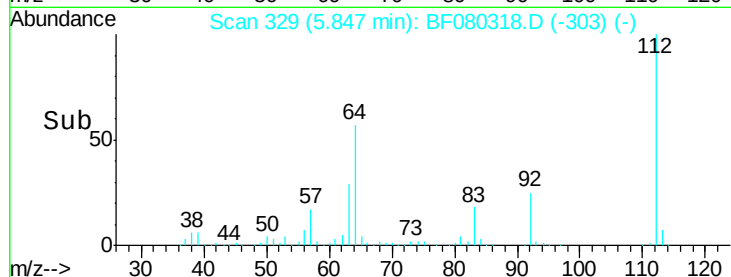
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Tgt Ion:	112	Resp:	225562
Ion Ratio	Lower	Upper	
112	100		
64	57.3	45.5	68.3
63	29.2	22.4	33.6

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#6

Aniline

Concen: 23.89 ng

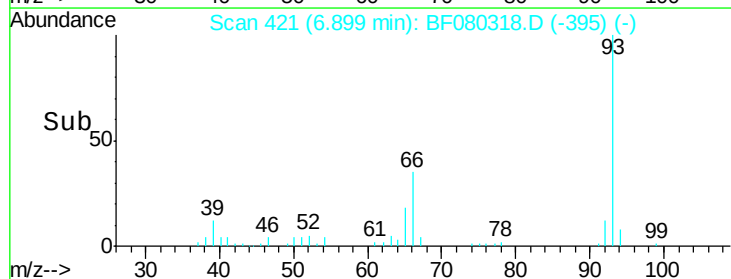
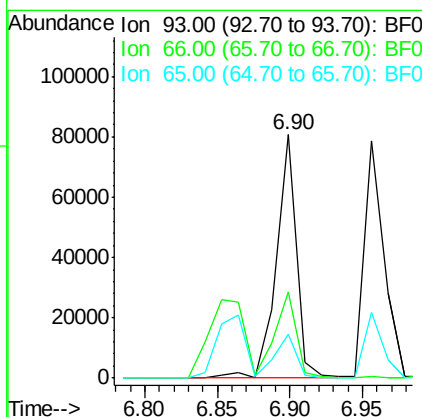
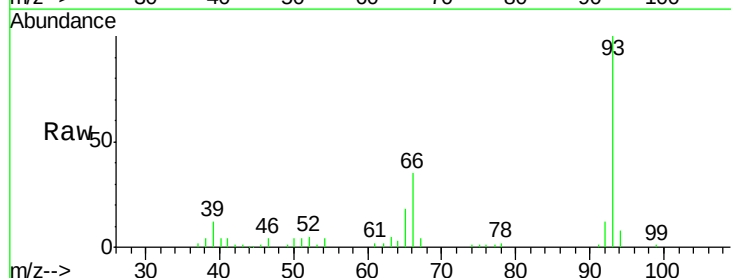
RT: 6.90 min Scan# 421

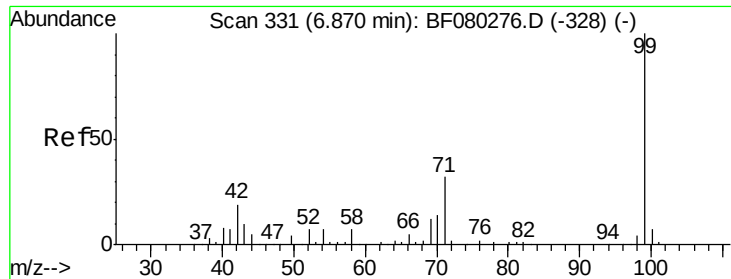
Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	93	Resp:	77545
Ion Ratio	Lower	Upper	
93	100		
66	35.3	33.7	50.5
65	18.2	18.3	27.5





#7

Phenol-d6

Concen: 115.35 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080318.D

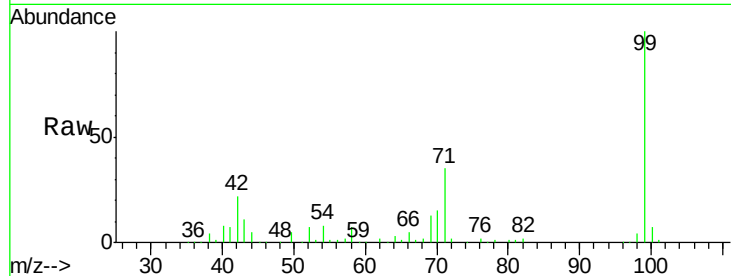
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

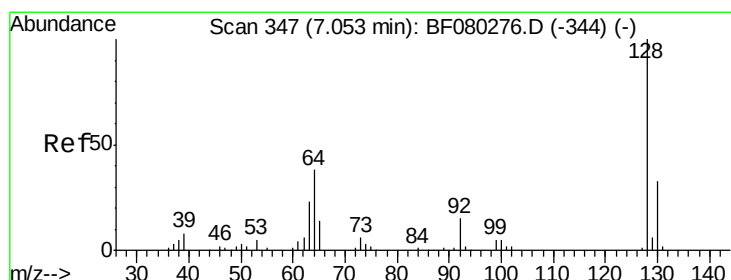
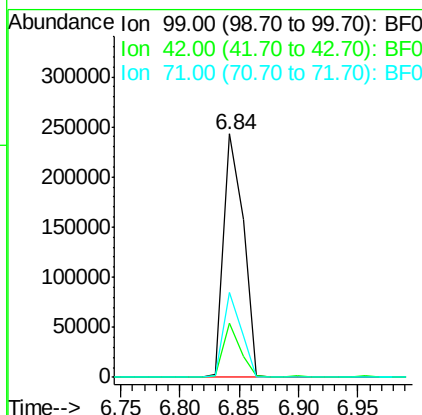
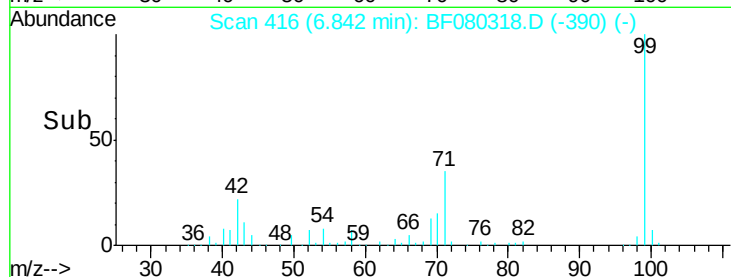
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Tgt Ion:	99	Resp:	279945
Ion	Ratio	Lower	Upper
99	100		
42	22.4	15.4	23.2
71	35.1	25.8	38.8

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#8

2-Chlorophenol

Concen: 41.93 ng

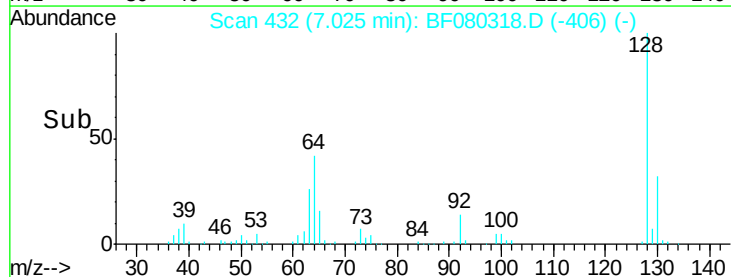
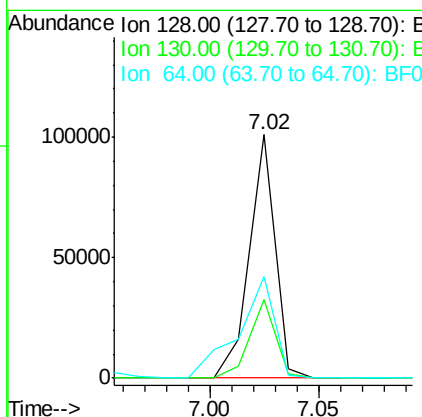
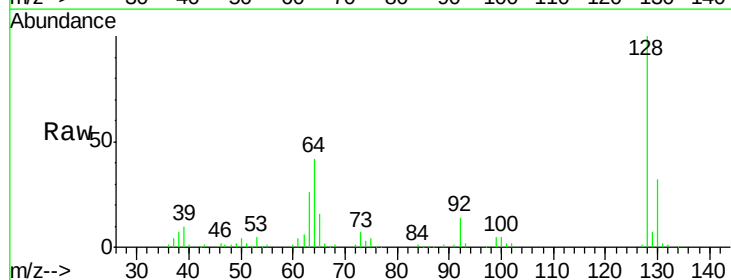
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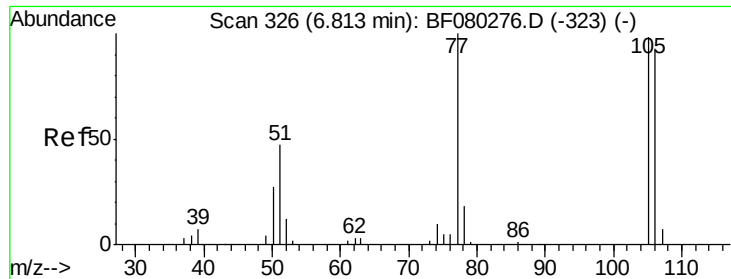
Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	128	Resp:	83267
Ion	Ratio	Lower	Upper
128	100		
130	32.2	13.4	53.4
64	41.6	18.5	58.5





#9

Benzaldehyde

Concen: 35.45 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF080318.D

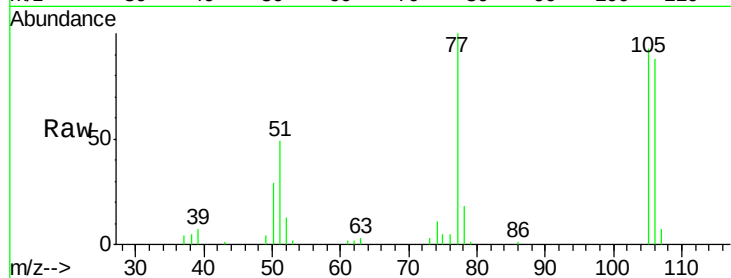
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Instrument :

BNA_F

ClientSampleId :

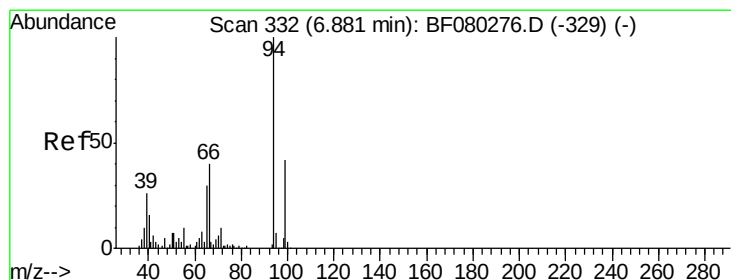
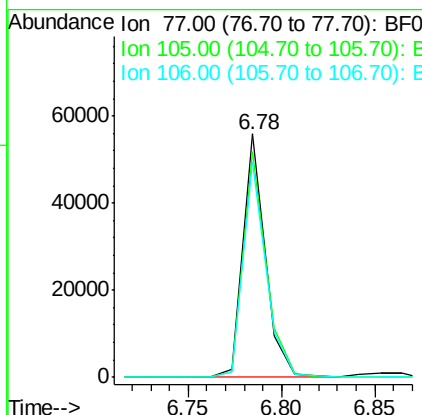
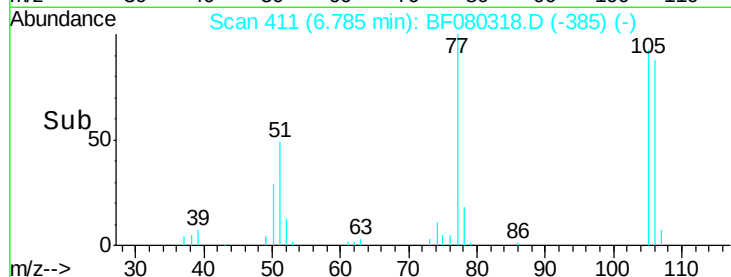
PB84336BS



Tgt Ion:	77	Resp:	47015
Ion	Ratio	Lower	Upper
77	100		
105	92.5	78.2	118.2
106	88.4	72.5	112.5

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#10

Phenol

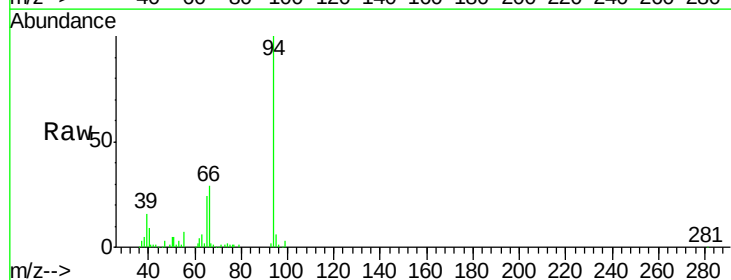
Concen: 36.75 ng

RT: 6.86 min Scan# 418

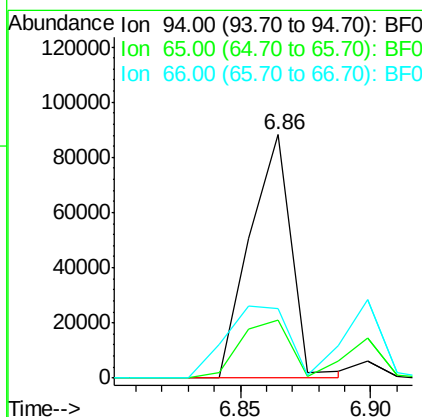
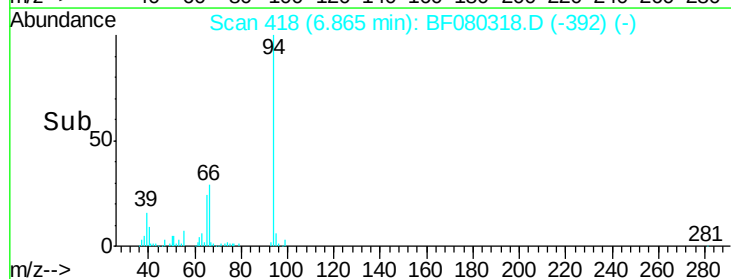
Delta R.T. 0.00 min

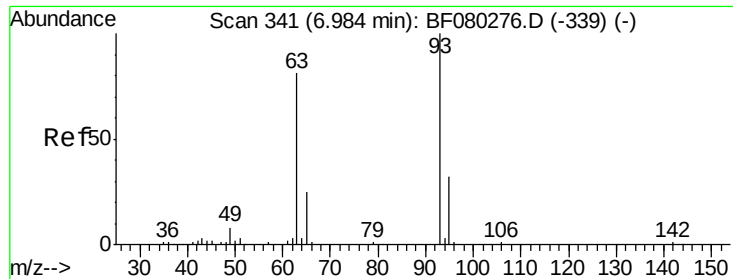
Lab File: BF080318.D

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Tgt Ion:	94	Resp:	98662
Ion	Ratio	Lower	Upper
94	100		
65	23.8	9.6	49.6
66	28.7	19.7	59.7





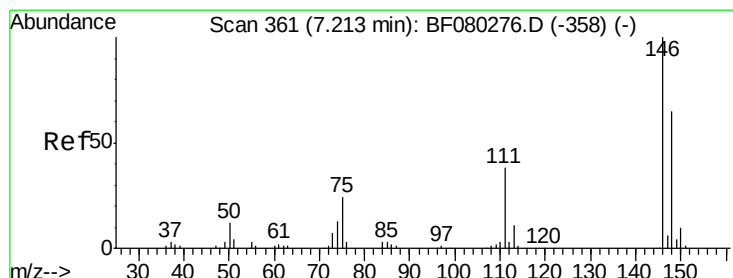
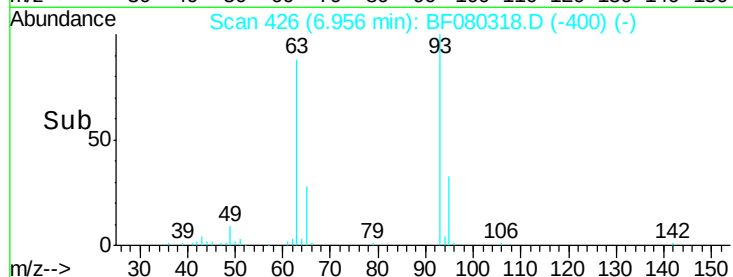
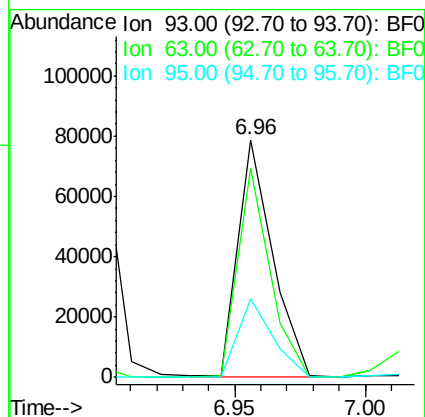
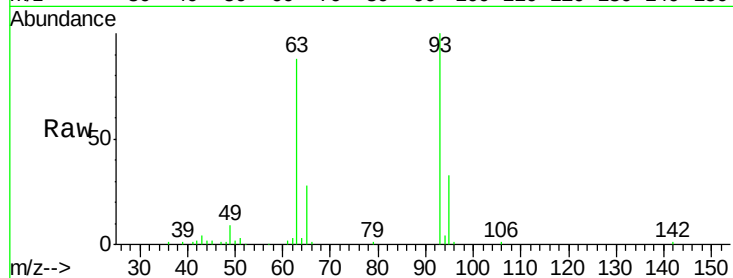
#11
bis(2-Chloroethyl)ether
Concen: 36.09 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.3	61.0	101.0
95	32.8	12.0	52.0

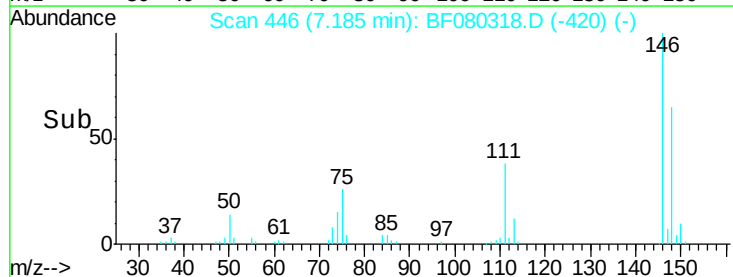
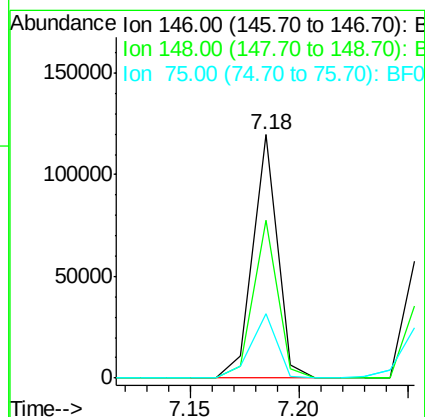
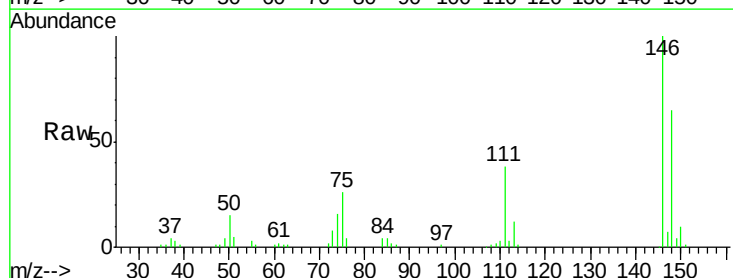
Manual Integrations
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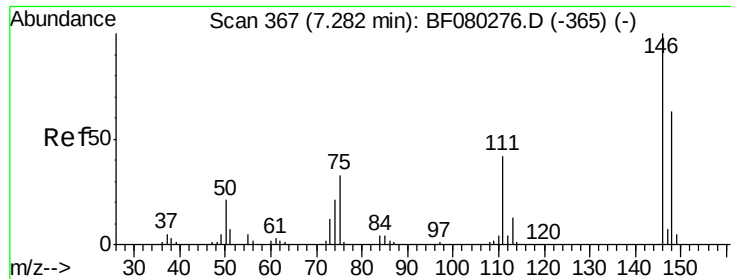
apatel
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#12
1,3-Dichlorobenzene
Concen: 38.79 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.6
75	26.3	19.4	29.2





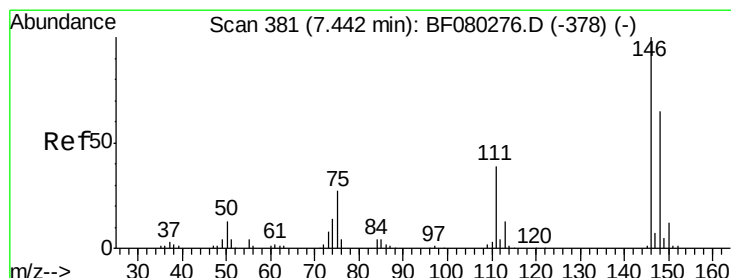
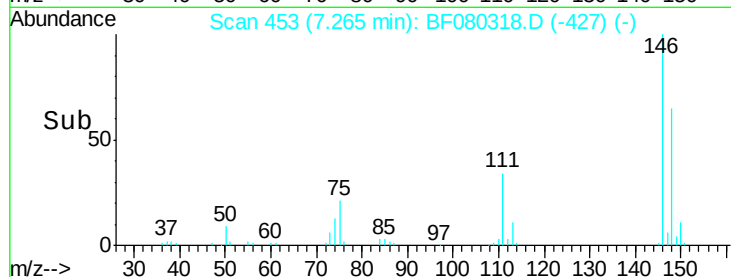
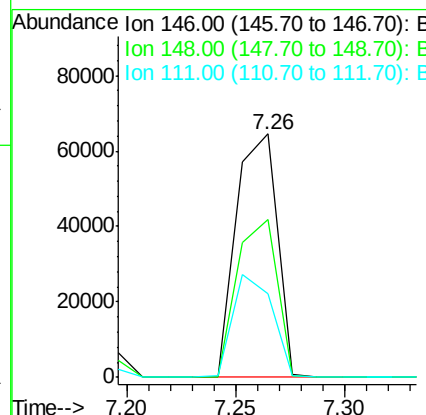
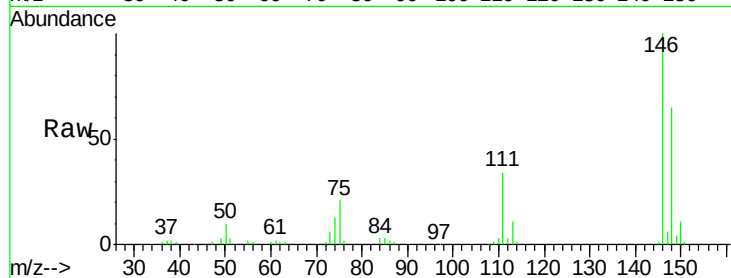
#13
 1,4-Dichlorobenzene
 Concen: 34.85 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.2
111	34.1	33.8	50.8

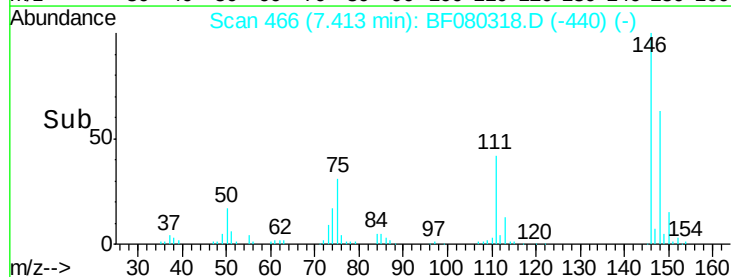
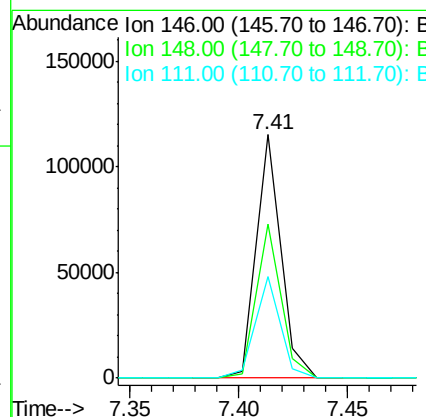
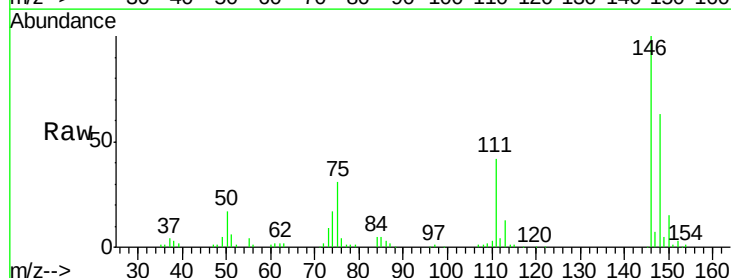
Manual Integrations
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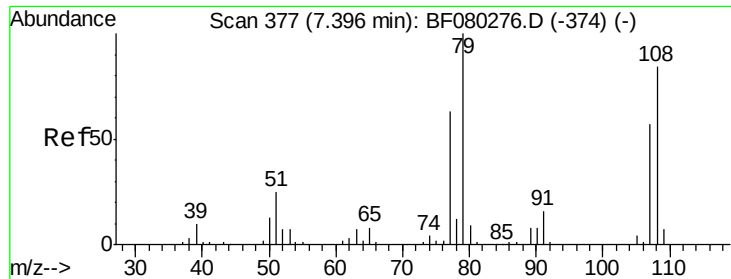
apatel
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#14
 1,2-Dichlorobenzene
 Concen: 37.90 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.4
111	41.9	31.6	47.4





#15

Benzyl Alcohol

Concen: 38.64 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

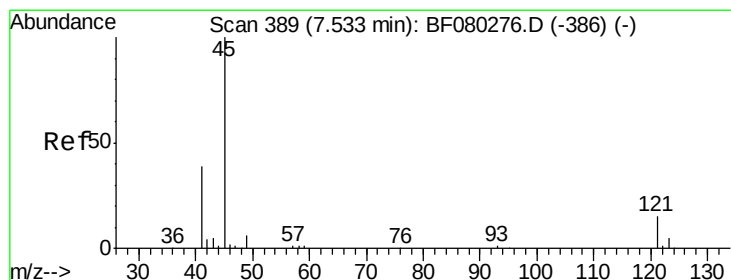
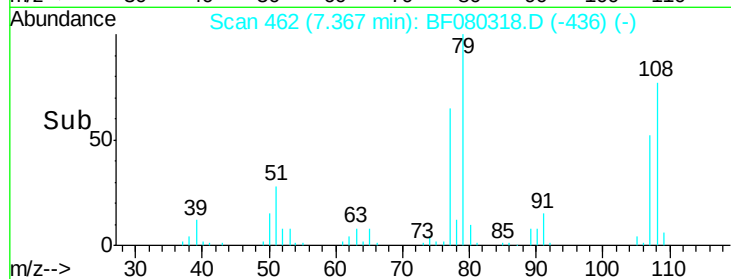
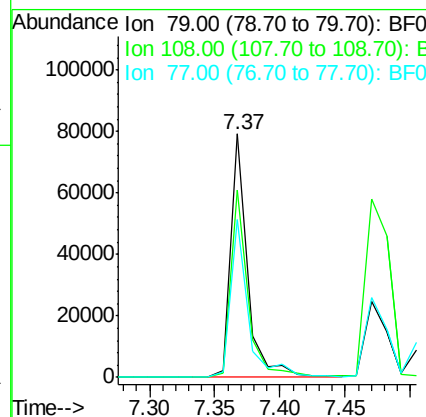
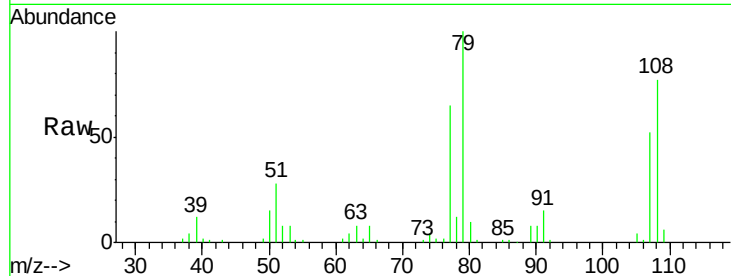
ClientSampled :

PB84336BS

Tgt Ion:	79	Resp:	72195
Ion Ratio	Lower	Upper	
79	100		
108	77.0	67.1	100.7
77	64.9	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.75 ng

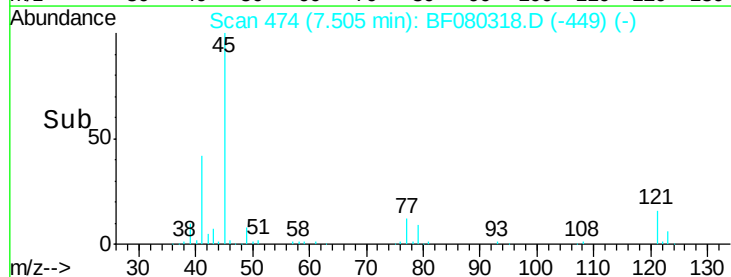
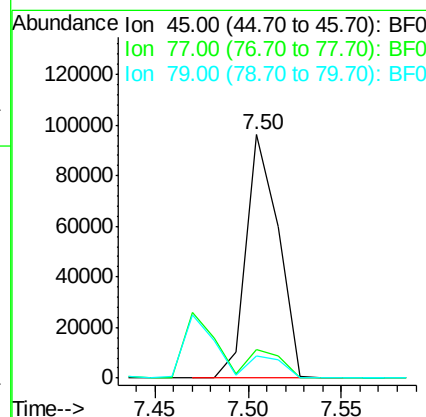
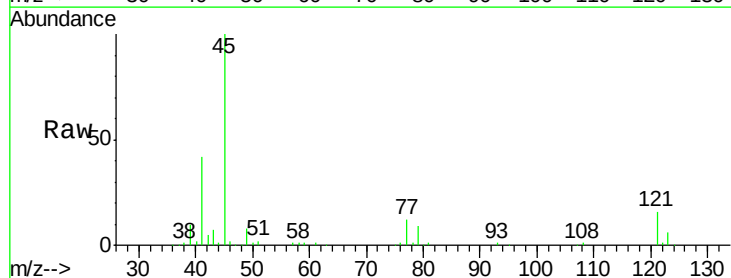
RT: 7.50 min Scan# 474

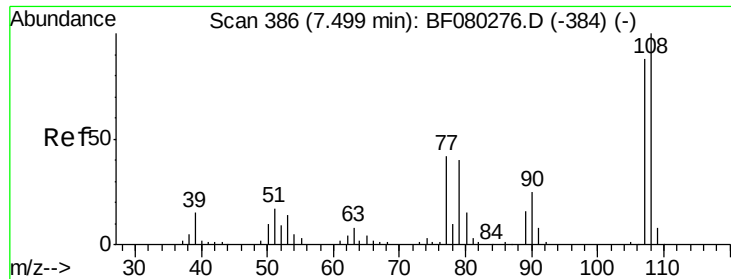
Delta R.T. -0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	45	Resp:	114470
Ion Ratio	Lower	Upper	
45	100		
77	12.0	0.0	32.0
79	9.2	0.0	29.3





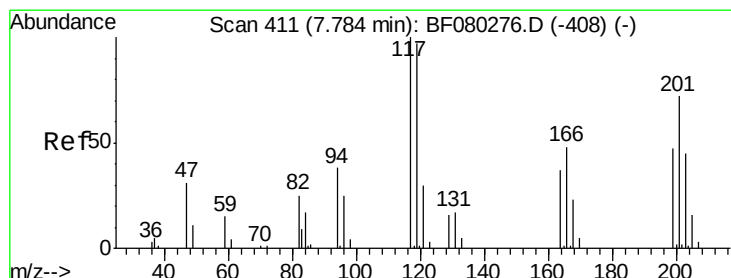
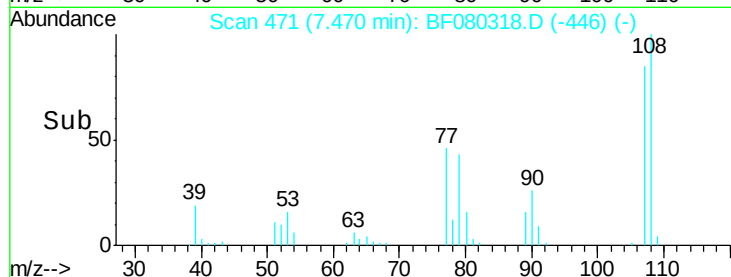
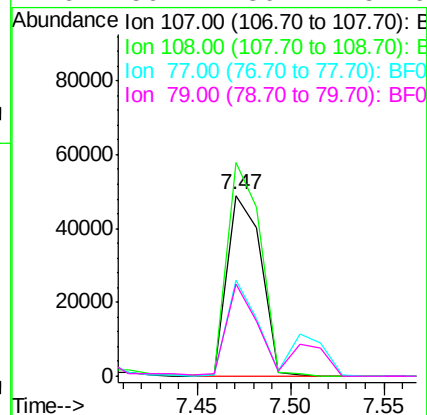
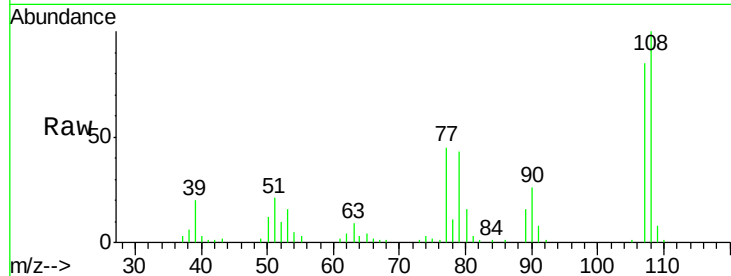
#17
2-Methylphenol
Concen: 36.41 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	62506		
108	118.2	90.6	136.0	
77	53.3	38.0	57.0	
79	50.7	36.4	54.6	

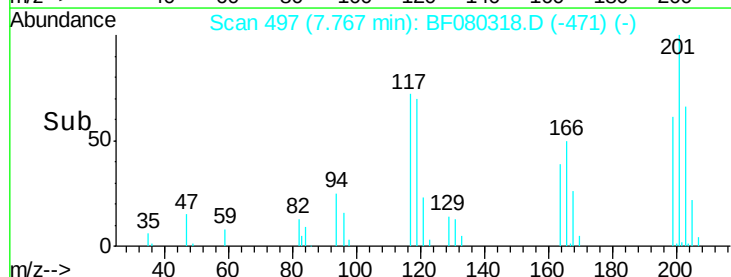
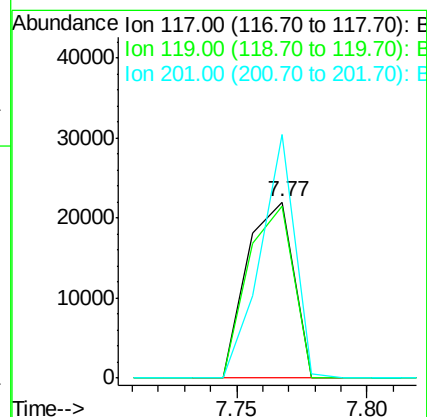
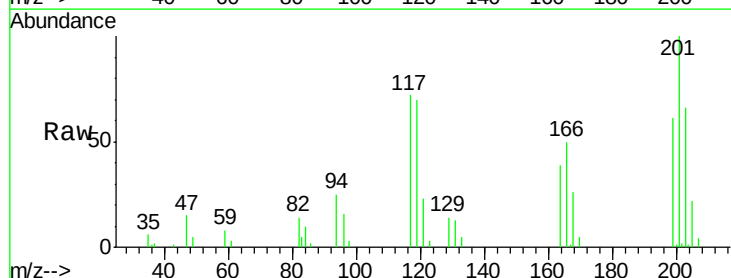
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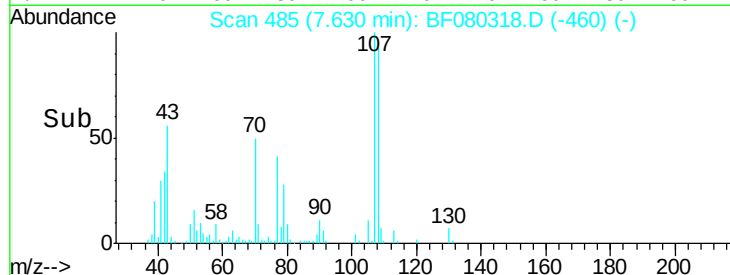
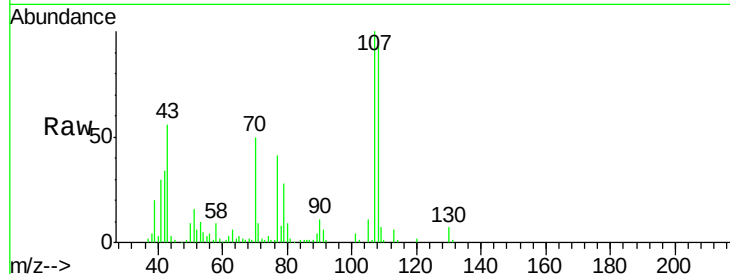
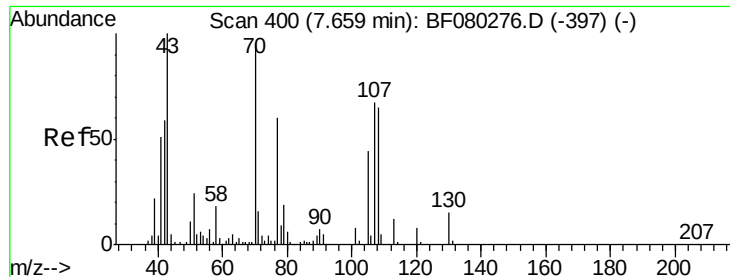
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#18
Hexachloroethane
Concen: 36.49 ng
RT: 7.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27498		
119	97.5	77.3	115.9	
201	138.3	57.5	86.3	





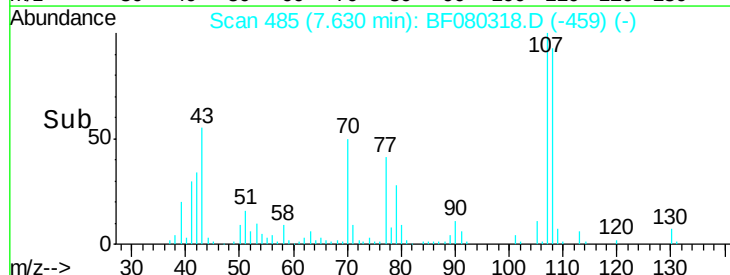
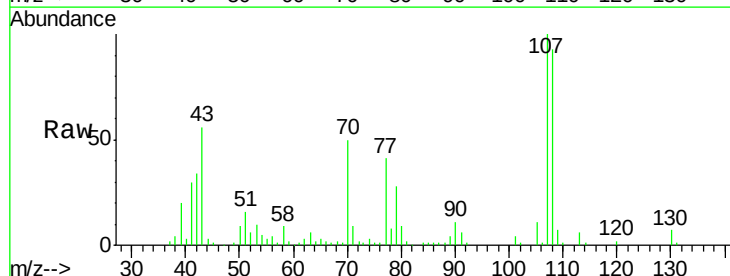
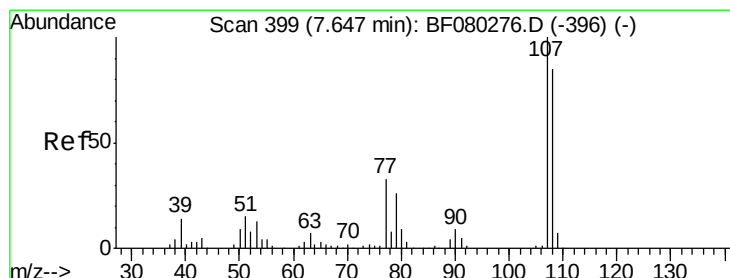
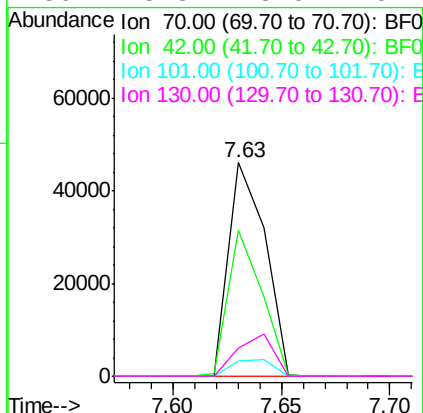
#19
n-Nitroso-di-n-propylamine
Concen: 33.31 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

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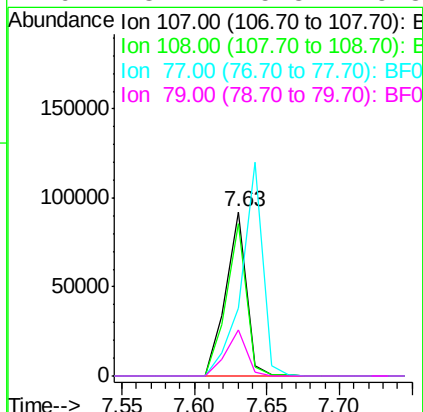
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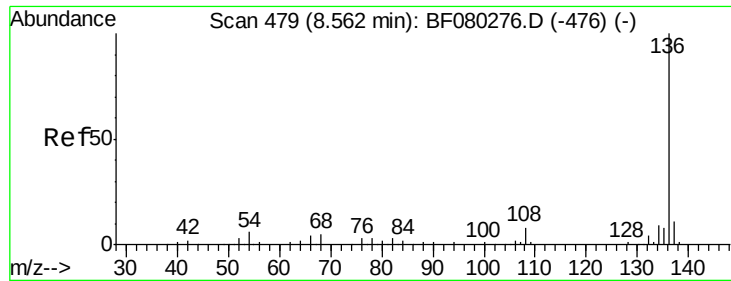
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.5	49.8	74.8	
101	7.5	6.8	10.2	
130	13.3	13.0	19.4	



#20
3+4-Methylphenols
Concen: 40.37 ng
RT: 7.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.0	64.9	104.9	
77	41.4	12.9	52.9	
79	28.4	5.8	45.8	





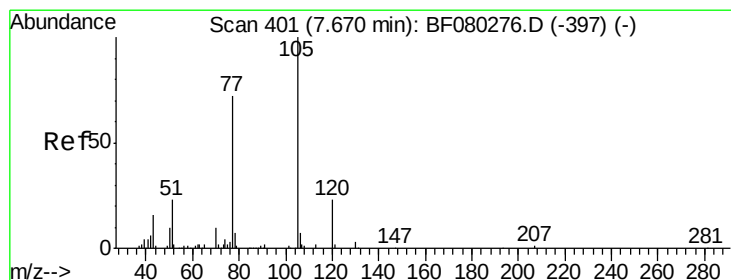
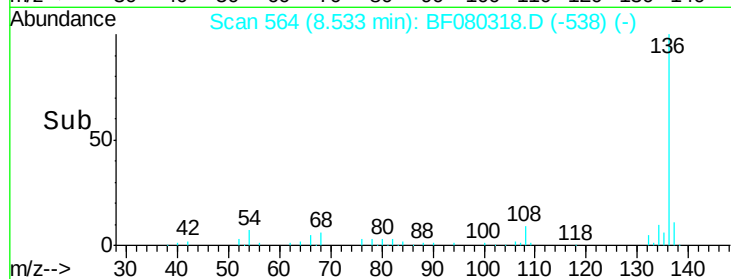
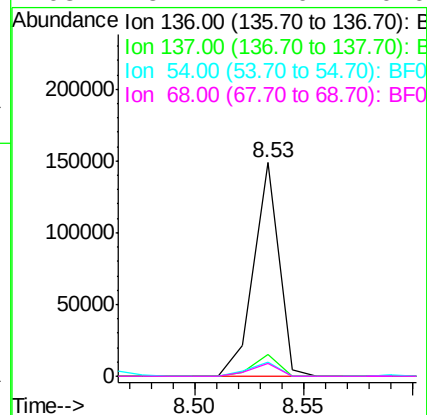
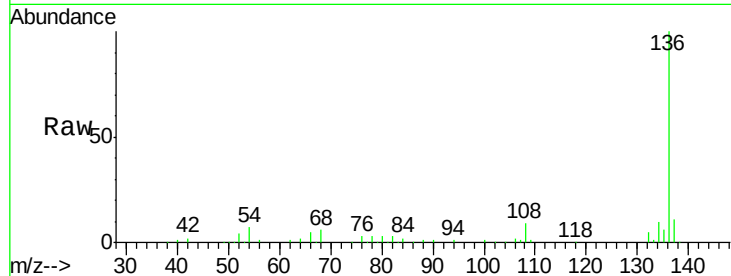
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.53 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	119845		
137	10.5	8.4	12.6	
54	6.9	4.9	7.3	
68	5.7	4.0	6.0	

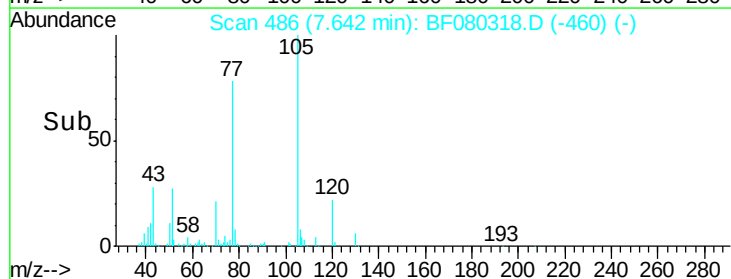
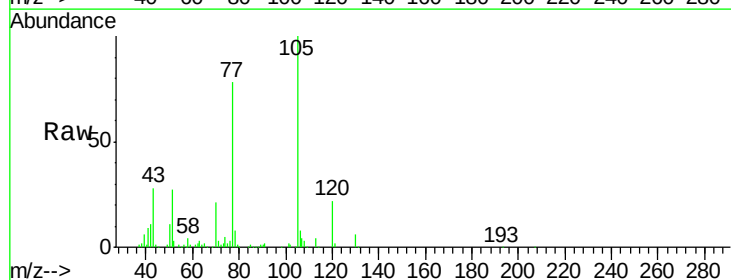
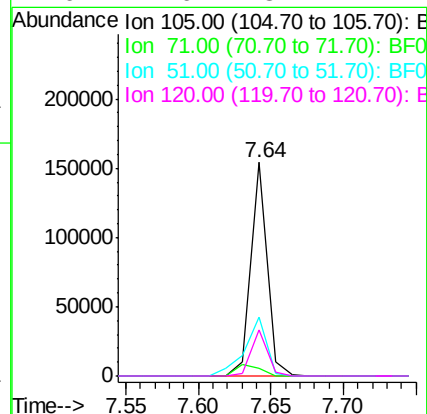
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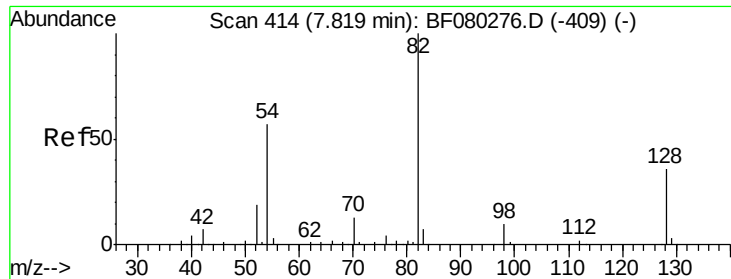
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#22
Acetophenone
Concen: 43.08 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120617		
71	3.4	1.4	2.0#	
51	27.3	18.5	27.7	
120	21.6	18.1	27.1	





#23

Nitrobenzene-d5

Concen: 74.88 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

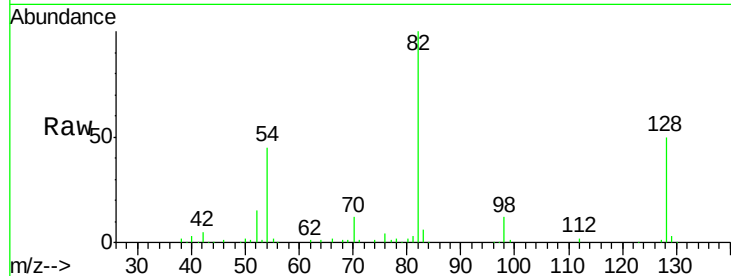
ClientSampleId :

PB84336BS

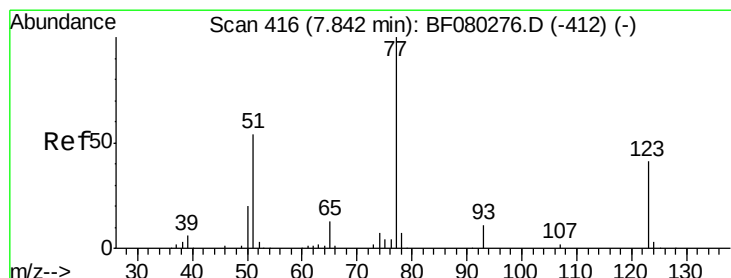
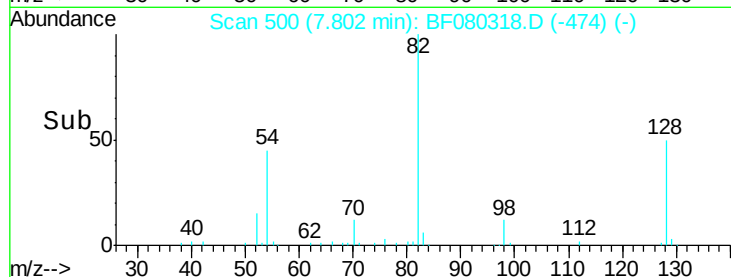
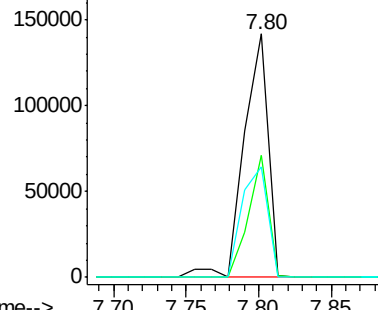
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	162981		
128	50.1	29.0	43.4#	
54	45.4	45.3	67.9	

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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: 38.00 ng

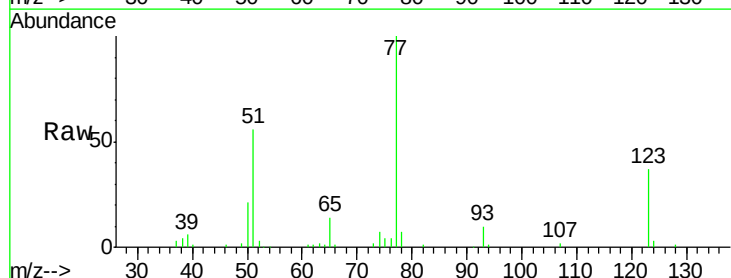
RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

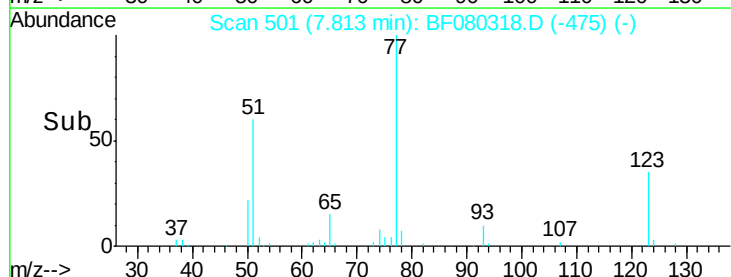
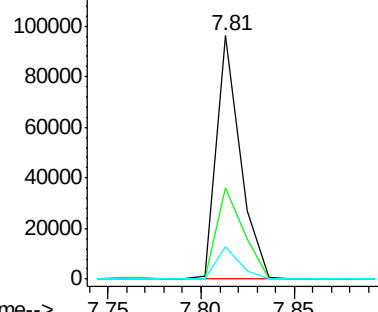
Lab File: BF080318.D

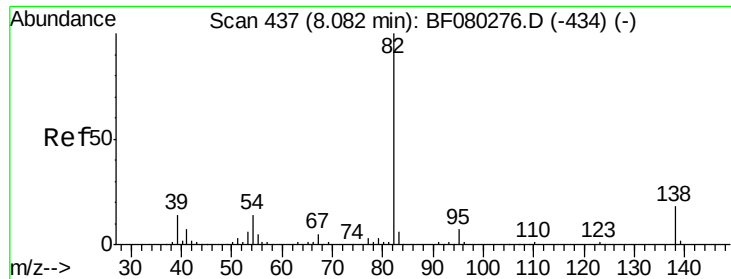
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	85760		
123	37.3	33.0	49.6	
65	13.6	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: 37.74 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

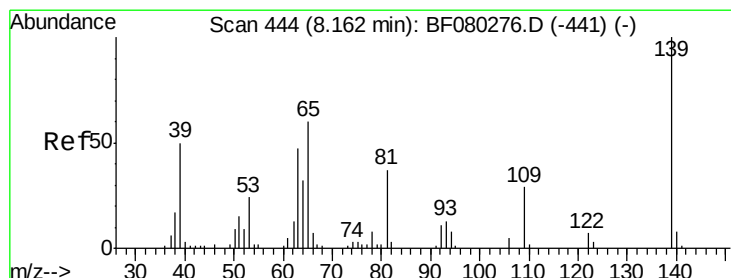
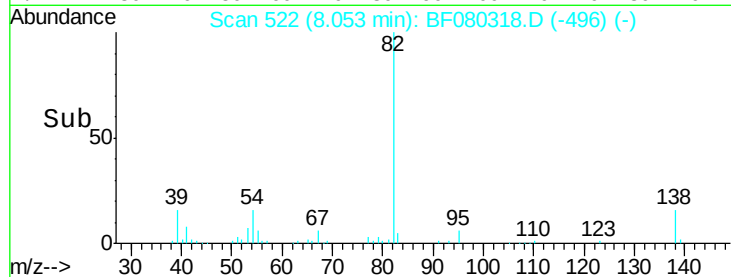
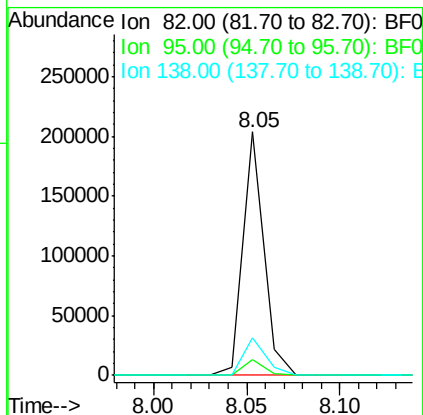
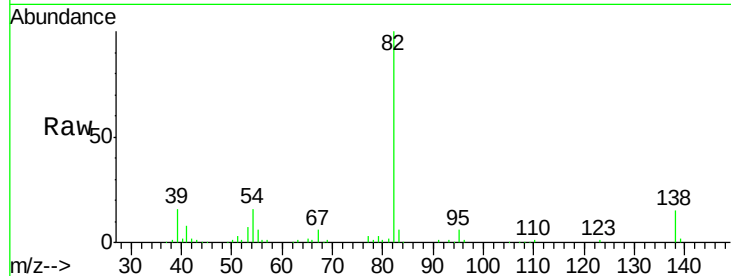
ClientSampleId :

PB84336BS

Tgt Ion:	82	Resp:	159665
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.3	7.9
138	15.4	14.4	21.6

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#26

2-Nitrophenol

Concen: 36.67 ng

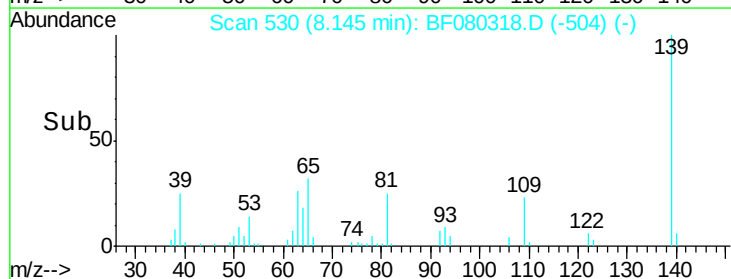
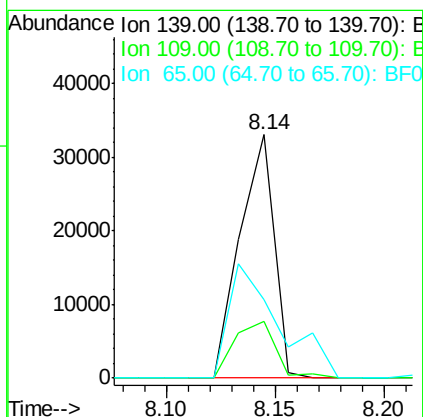
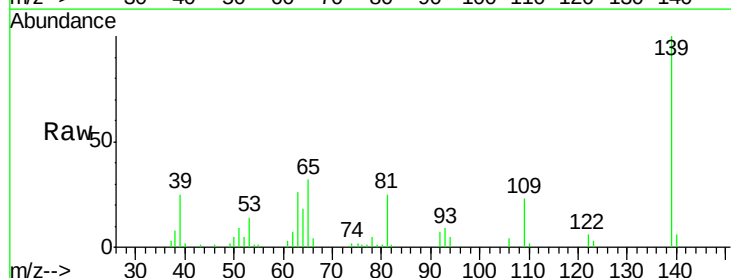
RT: 8.14 min Scan# 530

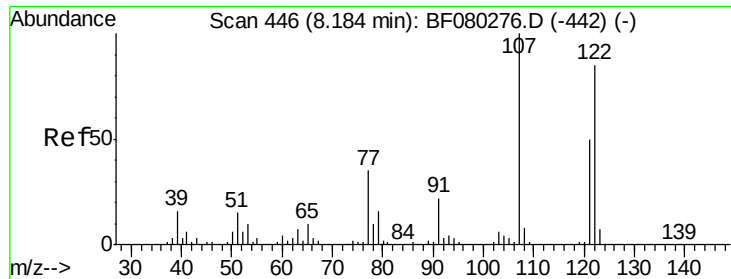
Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	139	Resp:	36145
Ion Ratio		Lower	Upper
139	100		
109	23.3	23.1	34.7
65	32.4	47.6	71.4





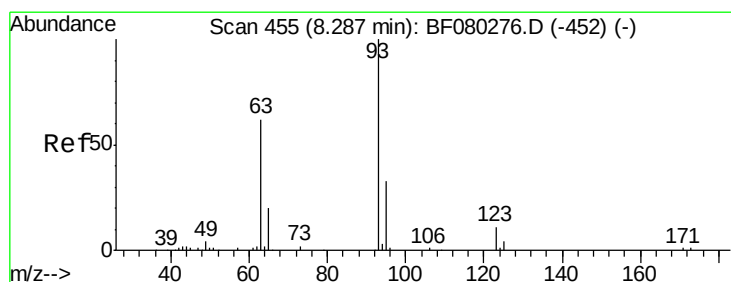
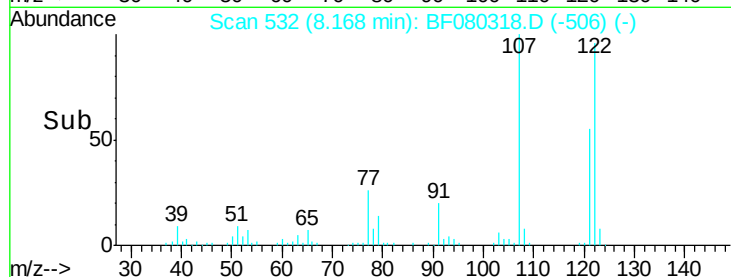
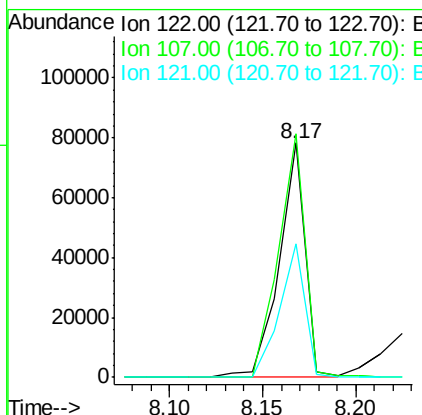
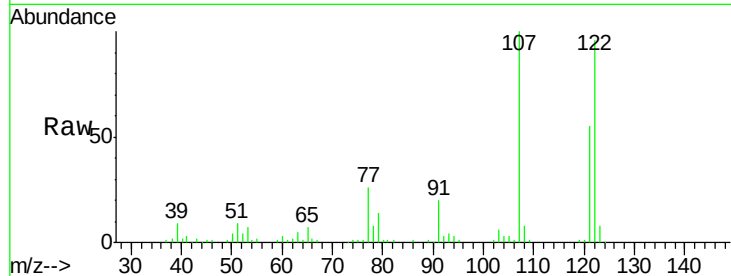
#27
 2,4-Dimethylphenol
 Concen: 41.84 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	103.9	93.7	140.5
121	57.0	46.9	70.3

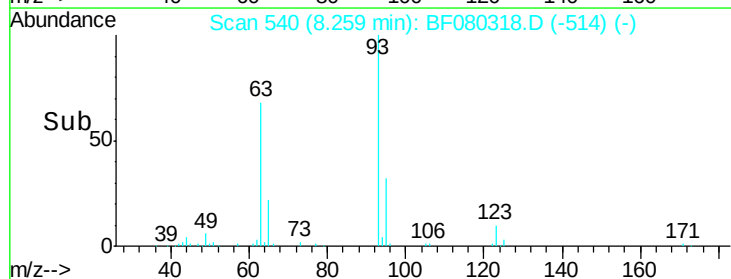
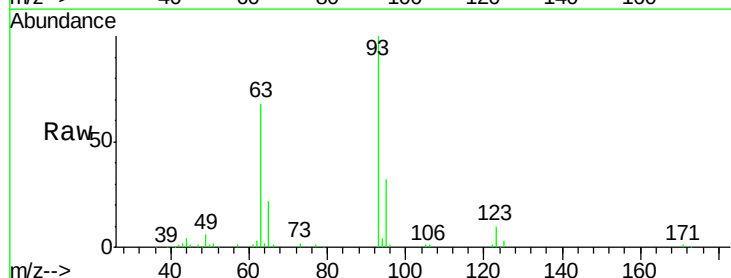
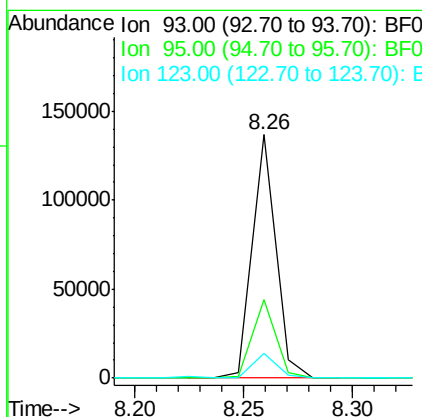
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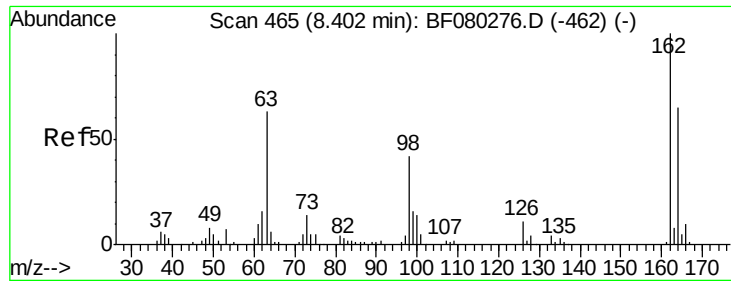
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.45 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.6	39.8
123	10.4	9.2	13.8





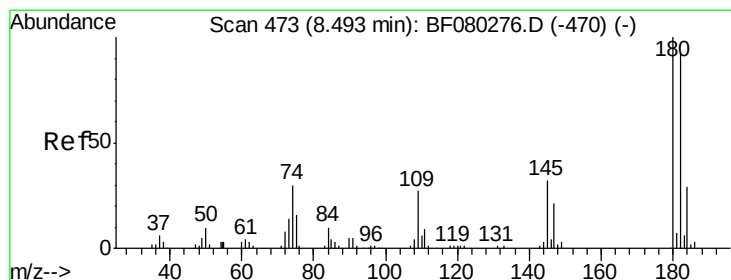
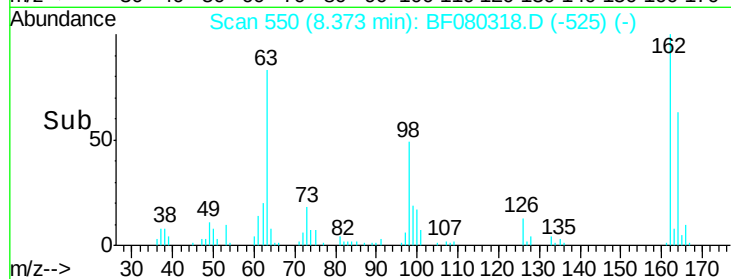
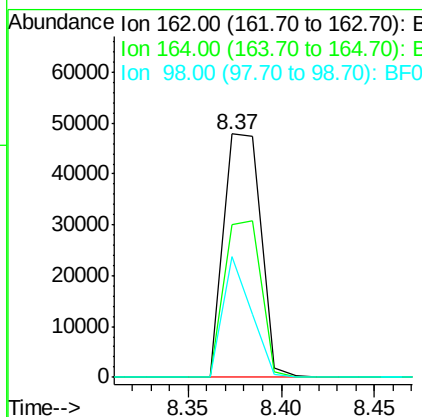
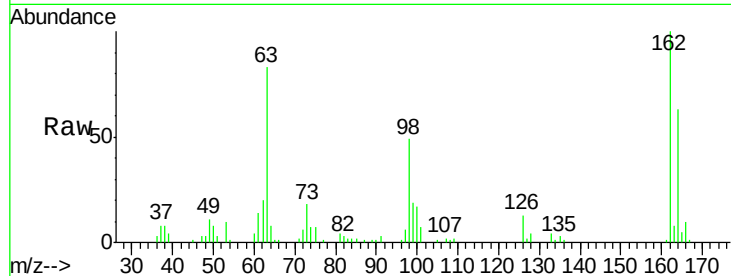
#29
 2,4-Dichlorophenol
 Concen: 40.00 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	66849		
164	62.7	44.6	84.6	
98	49.4	21.7	61.7	

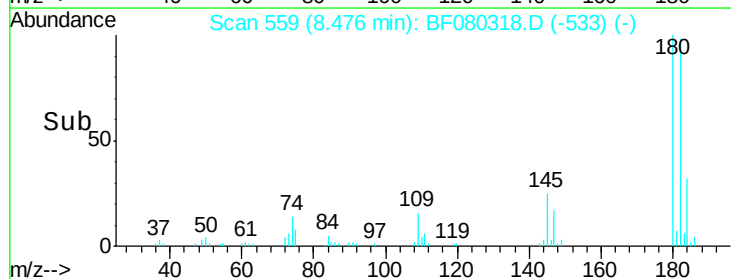
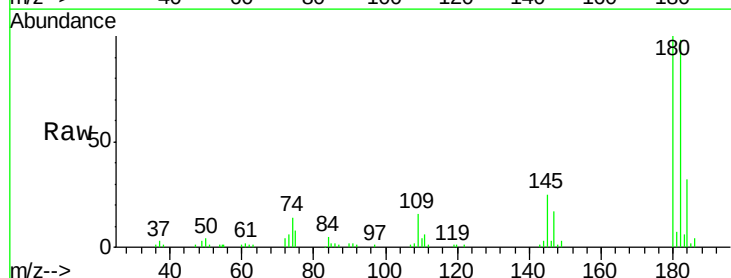
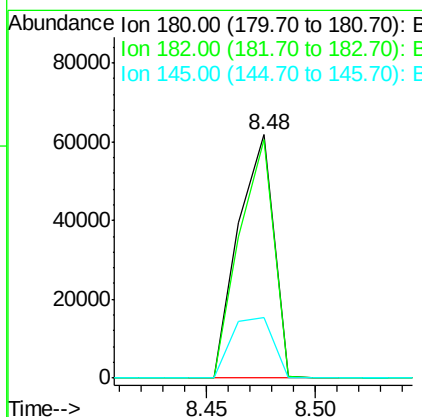
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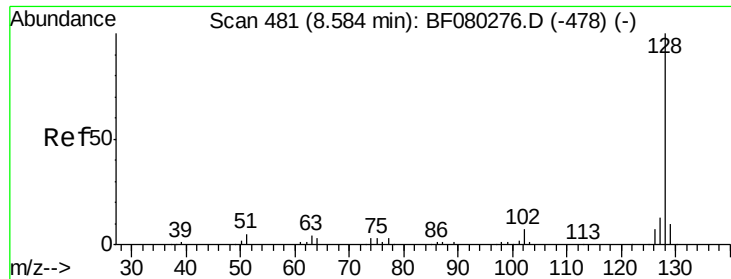
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.79 ng
 RT: 8.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69774		
182	98.0	73.8	110.6	
145	24.9	25.6	38.4	





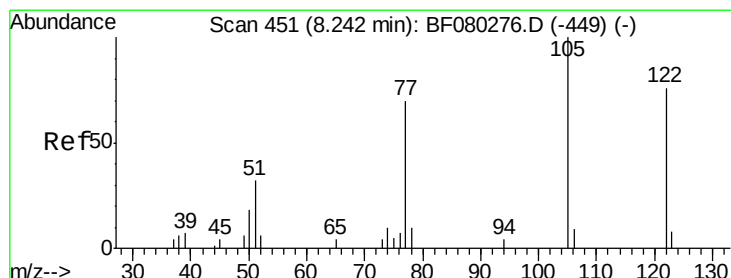
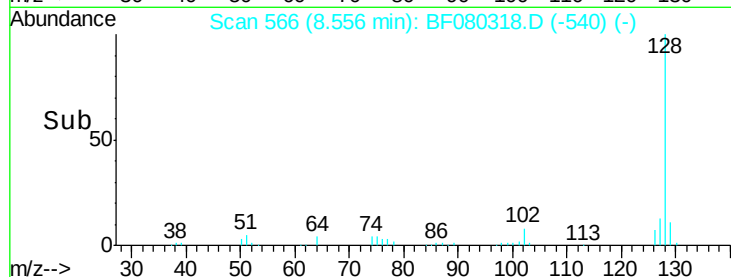
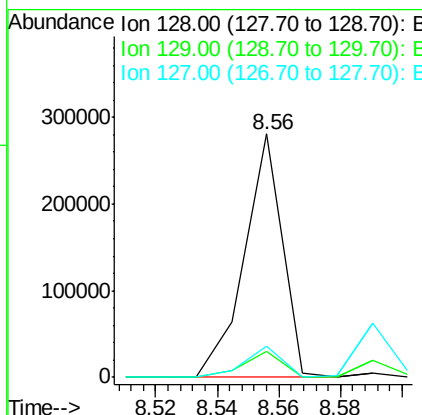
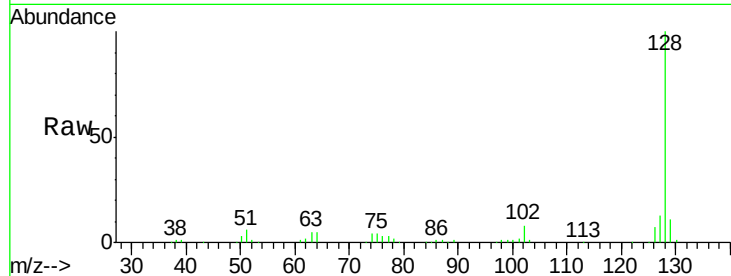
#31
Naphthalene
Concen: 39.37 ng m
RT: 8.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.6	8.2	12.4
127	13.0	10.4	15.6

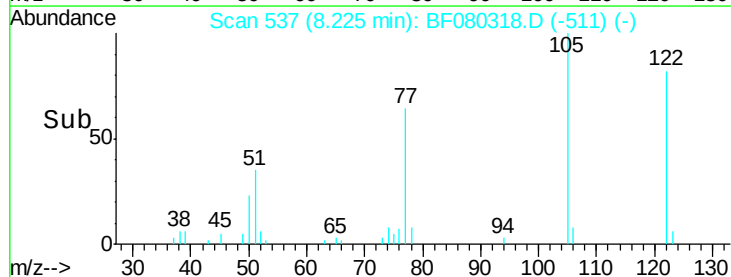
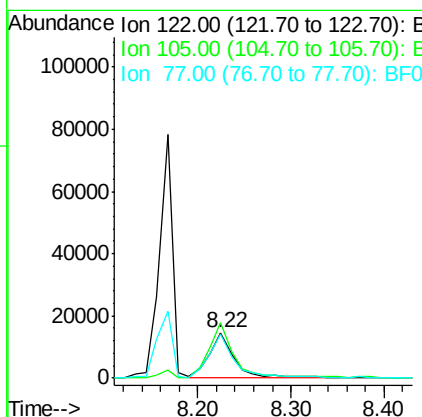
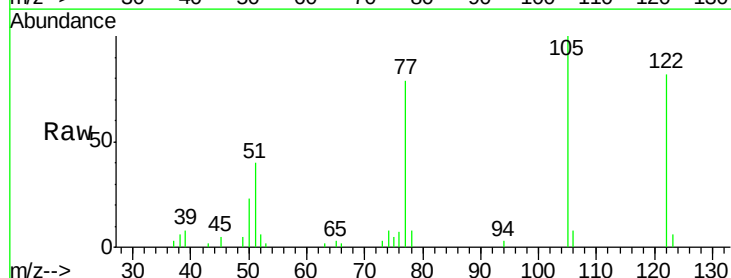
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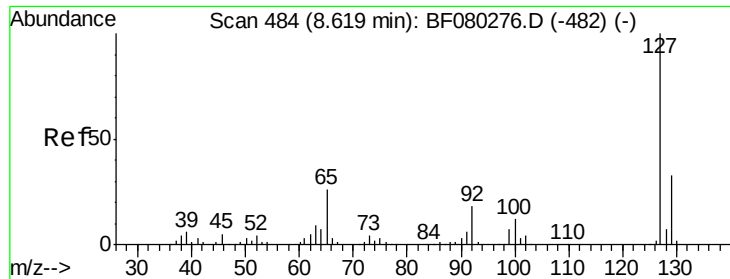
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#32
Benzoic acid
Concen: 67.33 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.4	103.3	143.3
77	95.5	71.5	111.5





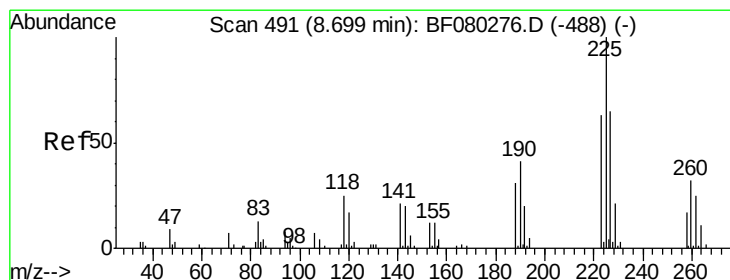
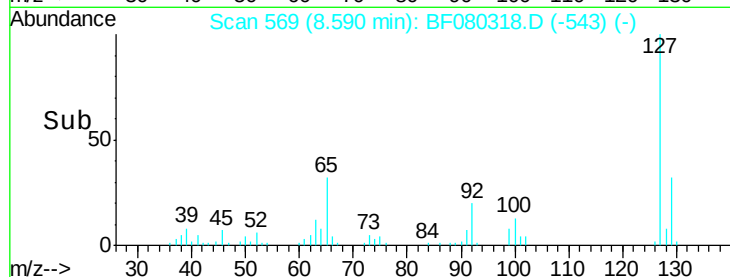
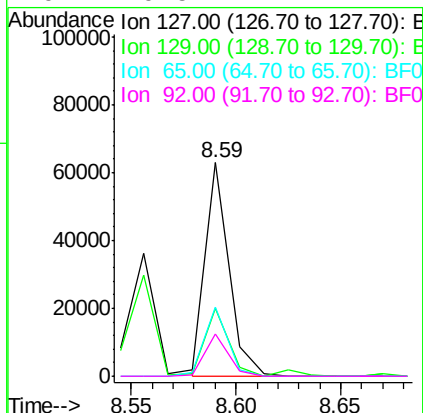
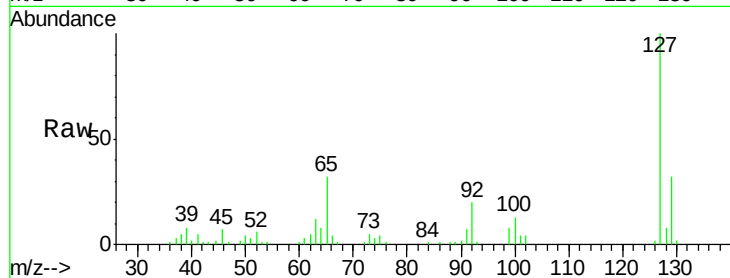
#33
4-Chloroaniline
Concen: 19.10 ng m
RT: 8.59 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.4	39.6
65	32.1	21.0	31.6#
92	19.5	14.1	21.1

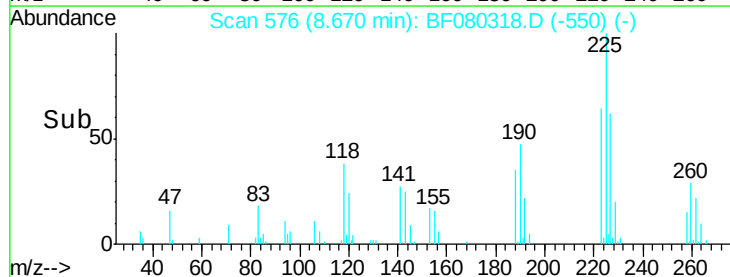
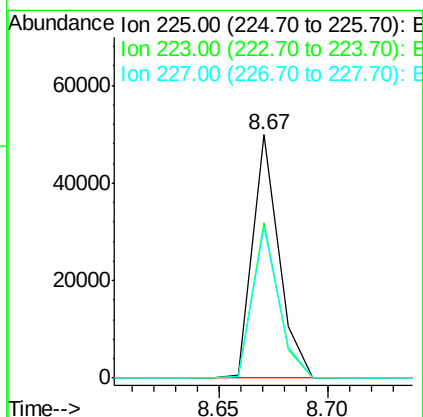
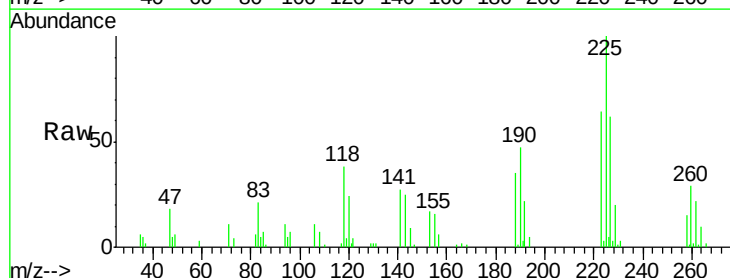
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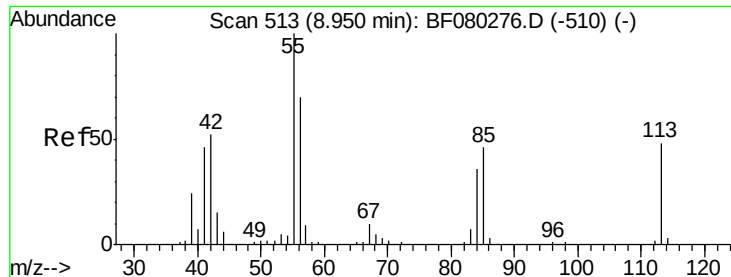
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#34
Hexachlorobutadiene
Concen: 34.09 ng
RT: 8.67 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.5	75.7
227	62.3	51.8	77.8





#35

Caprolactam

Concen: 38.84 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

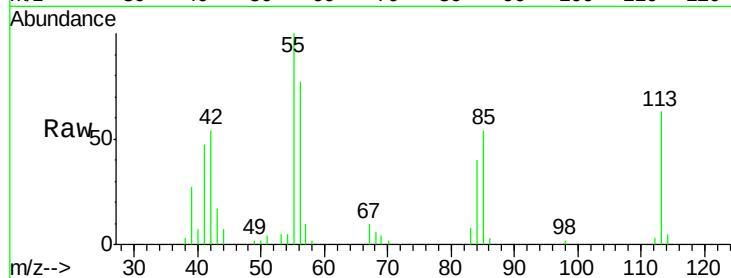
ClientSampleId :

PB84336BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	159.6	189.7	229.7#
56	123.3	127.2	167.2#

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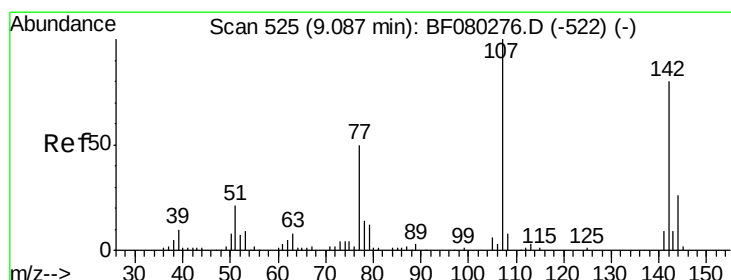
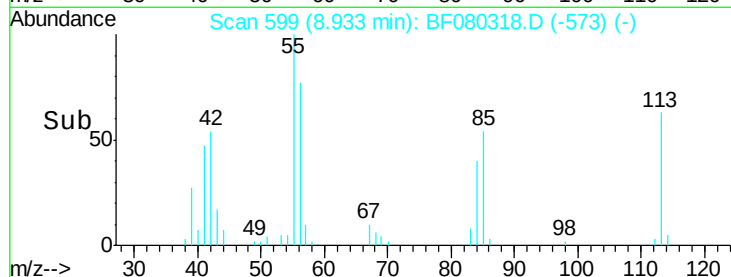
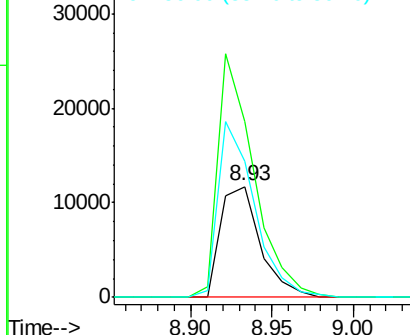
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.81 ng

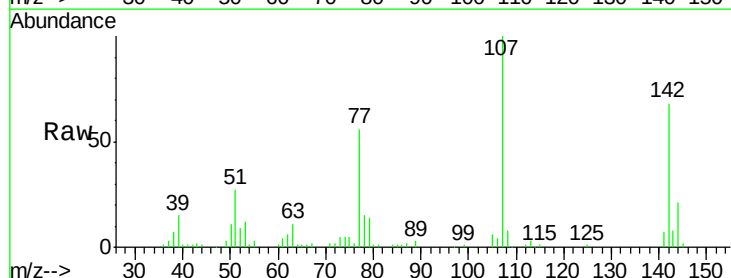
RT: 9.06 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

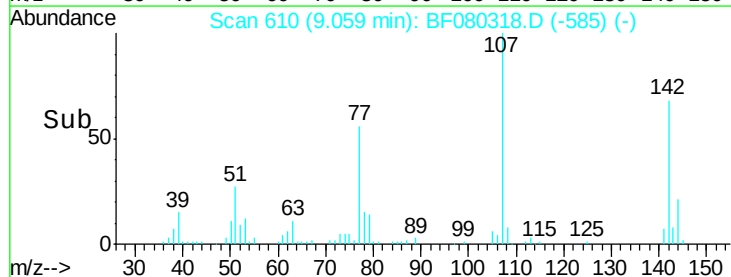
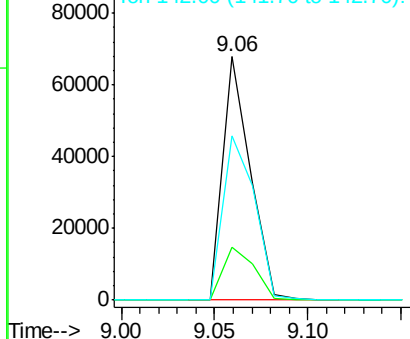
Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	20.4	30.6
142	67.6	63.8	95.6

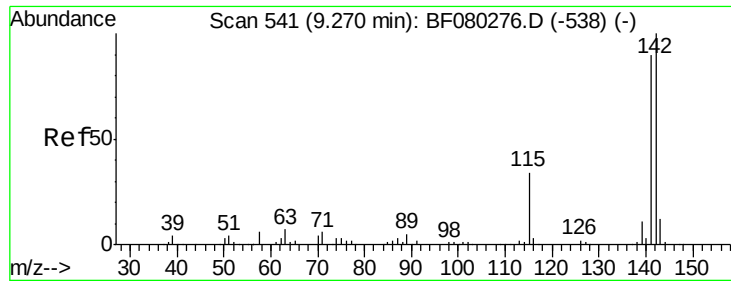


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





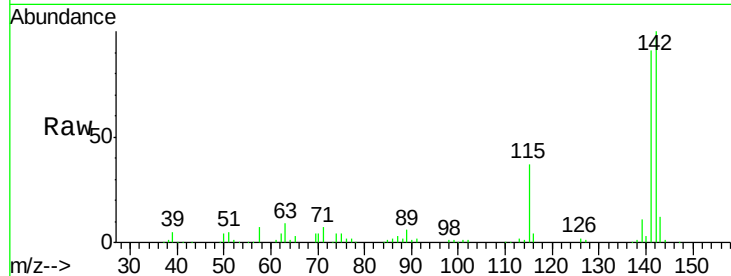
#37
 2-Methylnaphthalene
 Concen: 36.40 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

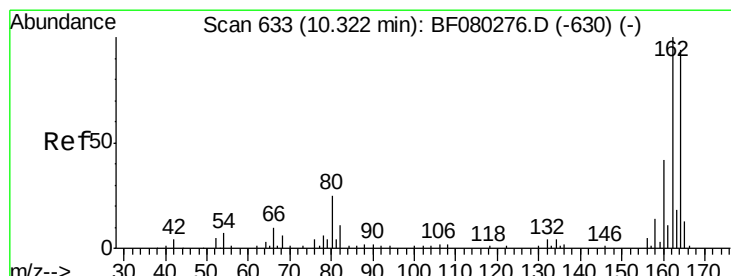
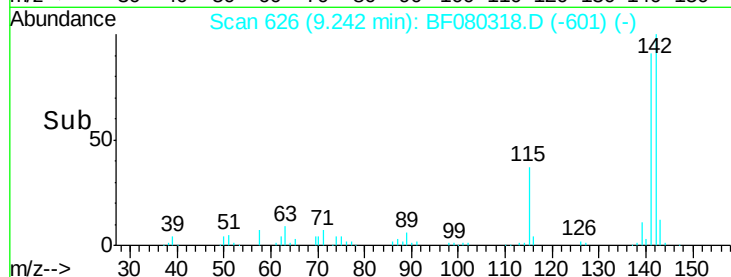
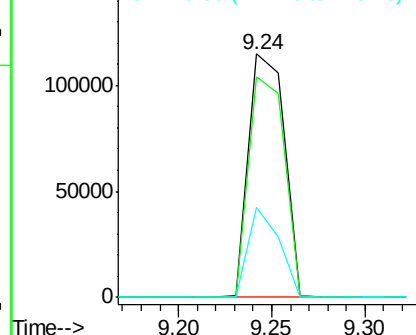
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.8	107.6
115	36.8	27.4	41.2

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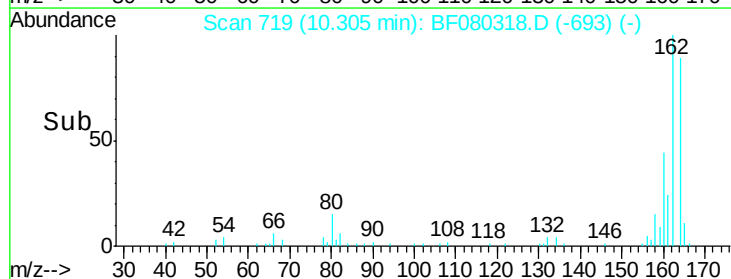
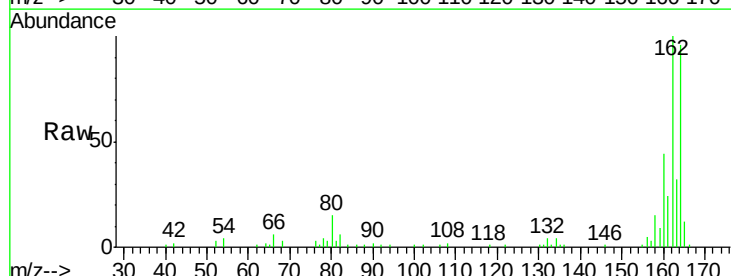
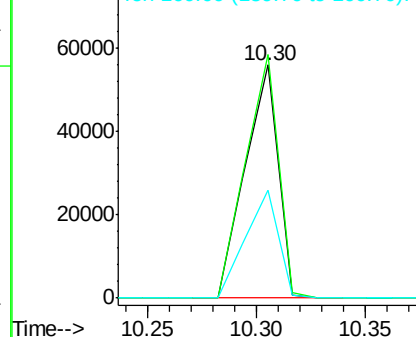
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

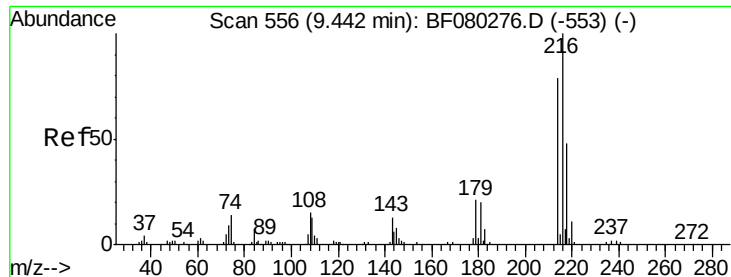


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.30 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	84.8	127.2
160	46.3	35.8	53.8

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.94 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

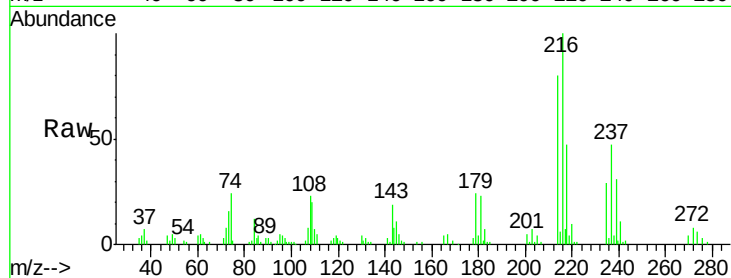
ClientSampleId :

PB84336BS

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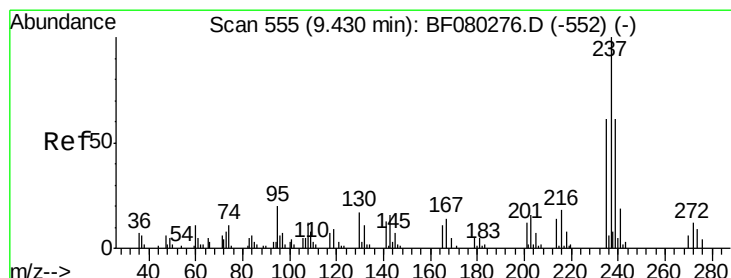
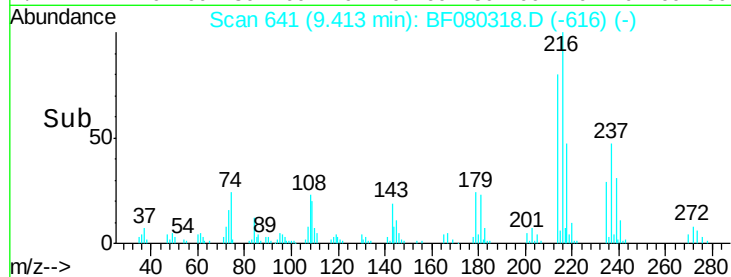
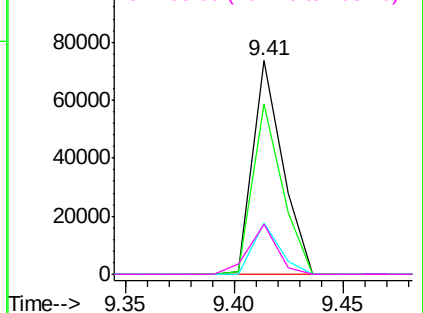
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.6
179	21.6	16.8	25.2
108	22.3	13.8	20.8

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.19 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF080318.D

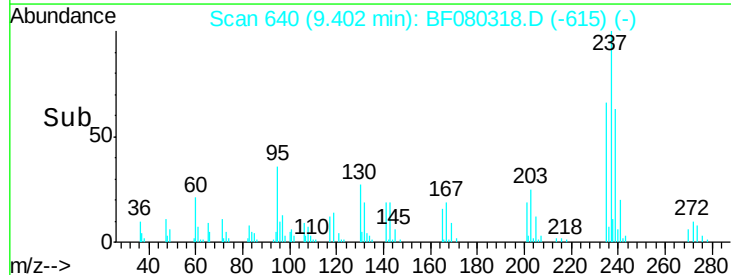
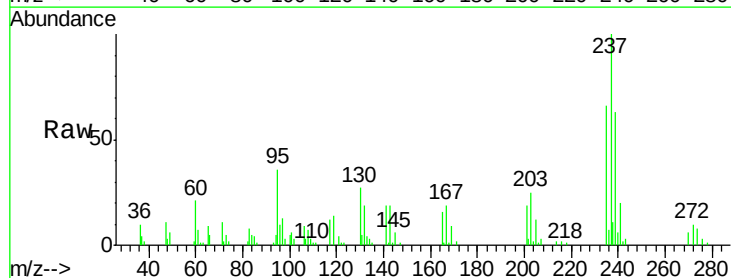
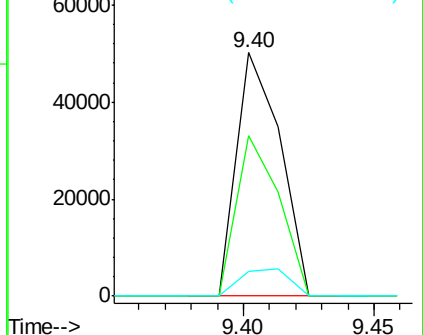
Acq: 2 Jul 2015 19:58

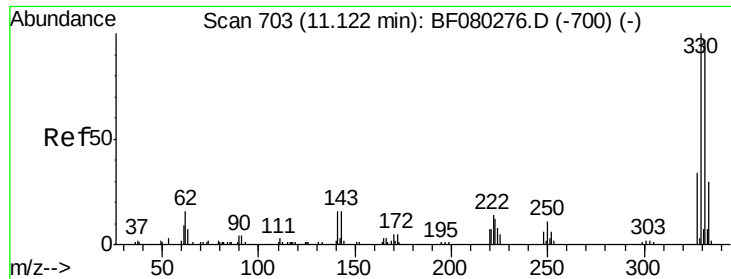
Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.1	41.3	81.3
272	10.2	0.0	31.8

Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





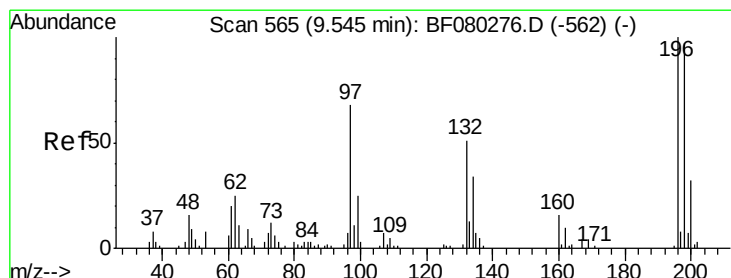
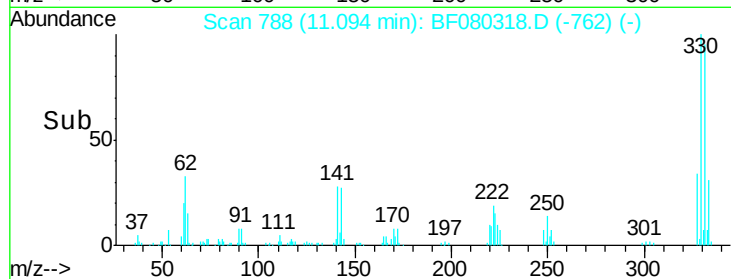
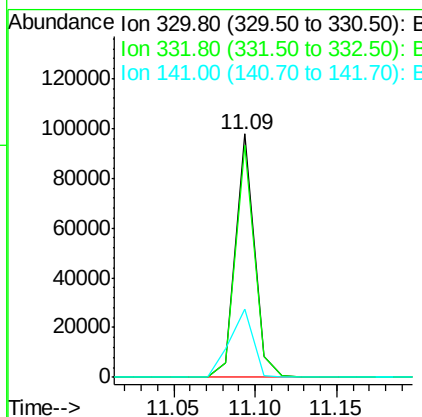
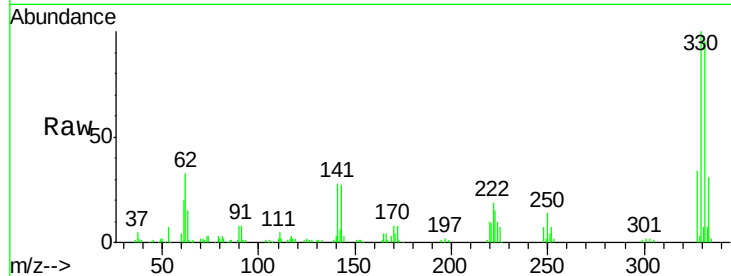
#41
 2,4,6-Tribromophenol
 Concen: 139.16 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	77742		
332	95.5	77.4	116.2	
141	35.3	28.0	42.0	

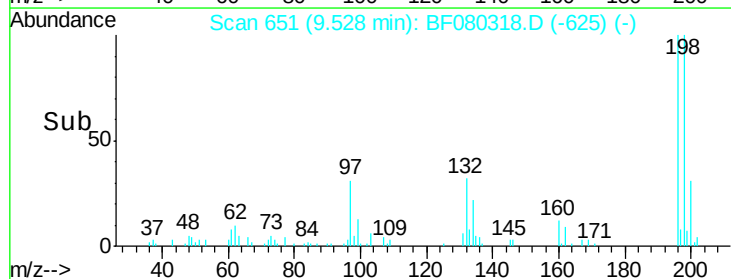
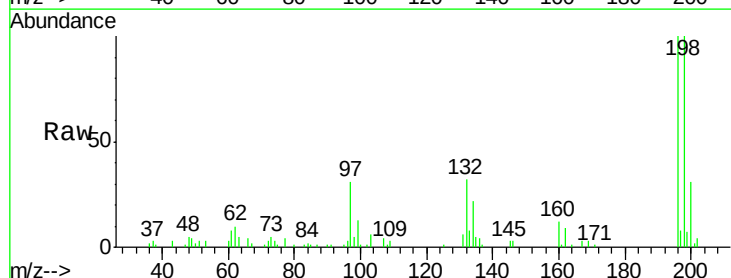
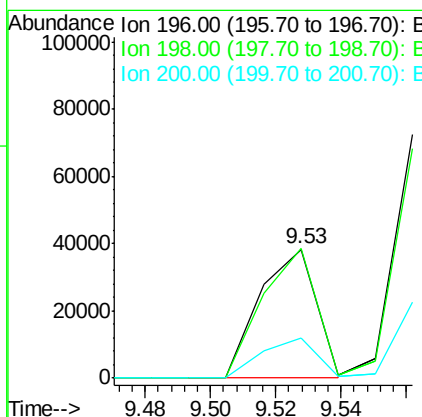
Manual Integrations
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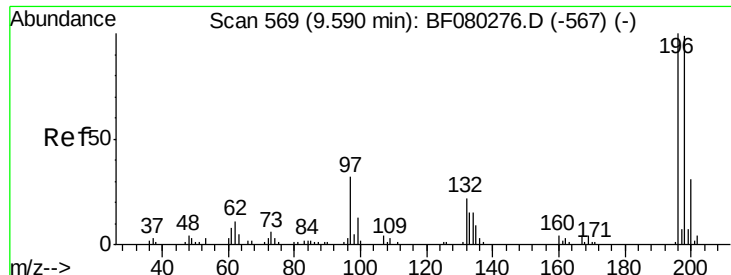
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#42
 2,4,6-Trichlorophenol
 Concen: 37.21 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

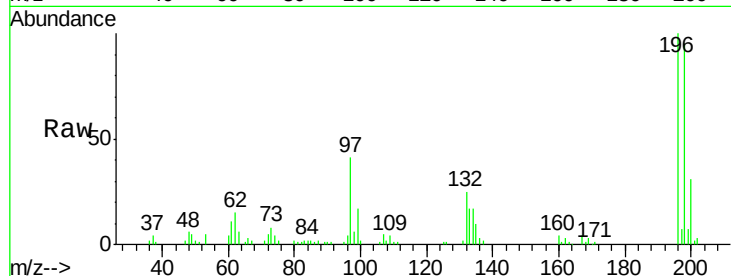
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45993		
198	100.3	77.7	116.5	
200	31.4	25.6	38.4	





#43
 2,4,5-Trichlorophenol
 Concen: 43.76 ng
 RT: 9.56 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

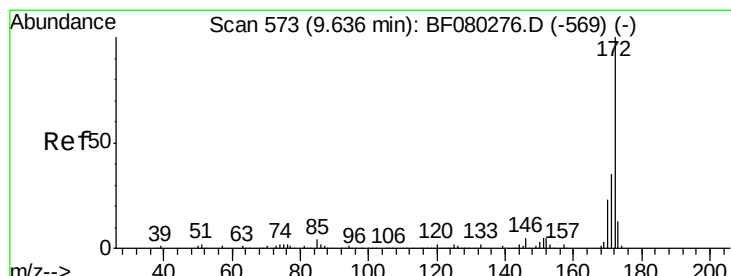
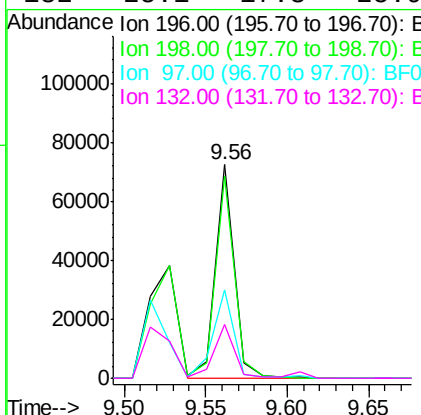
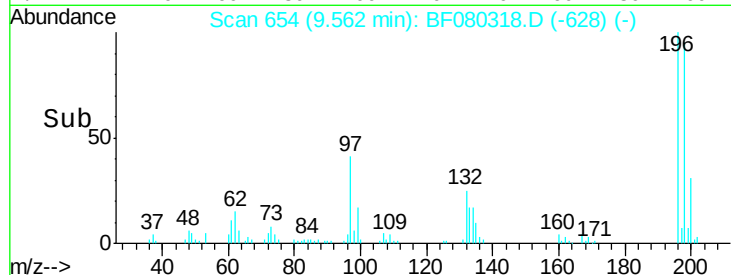
Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	58269		
198	94.5	79.4	119.2	
97	41.2	25.9	38.9#	
132	25.1	17.3	25.9	

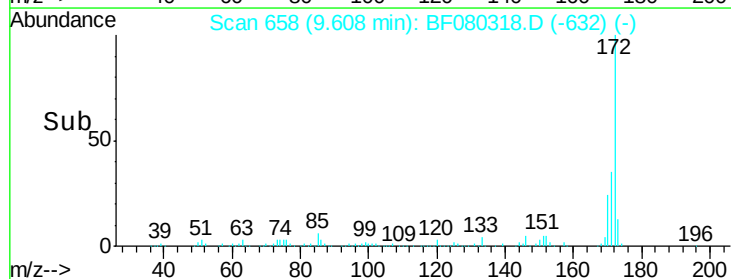
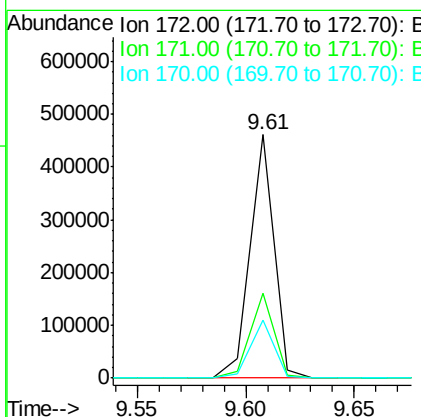
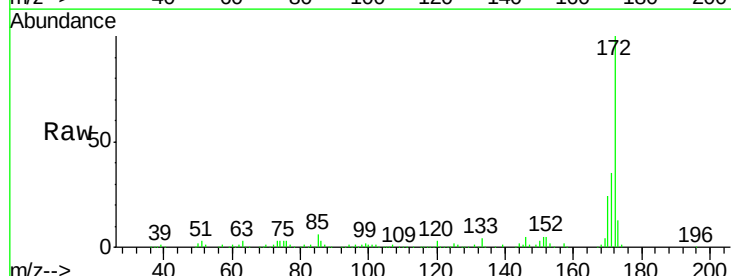
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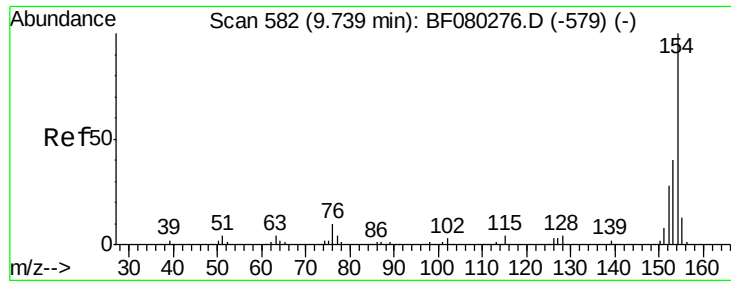
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#44
 2-Fluorobiphenyl
 Concen: 86.85 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	354040		
171	34.9	28.1	42.1	
170	23.9	18.6	28.0	





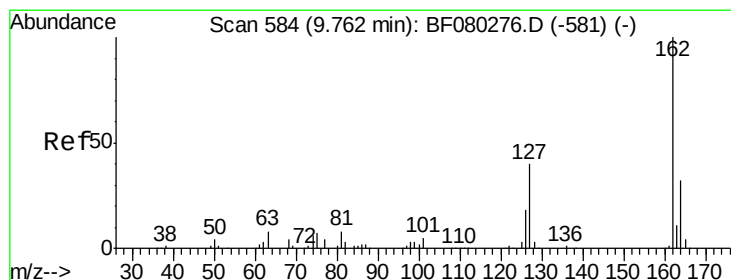
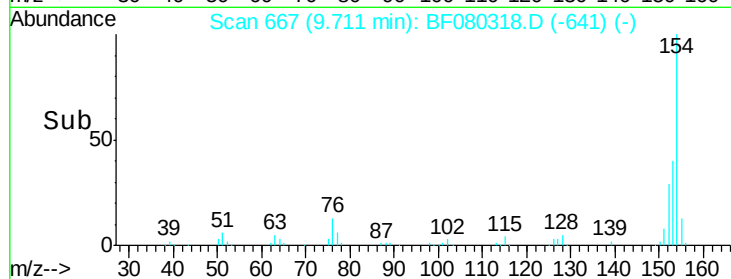
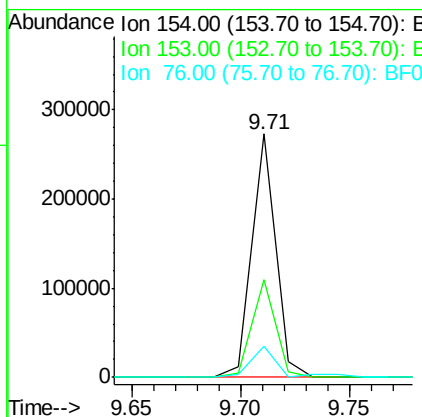
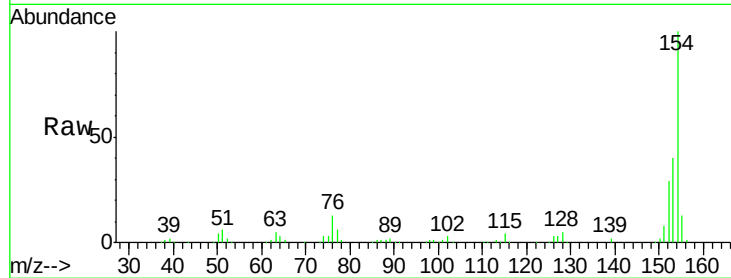
#45
 1,1'-Biphenyl
 Concen: 41.67 ng
 RT: 9.71 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion:	154	Resp:	207902
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.3	60.3
76	13.0	0.0	30.3

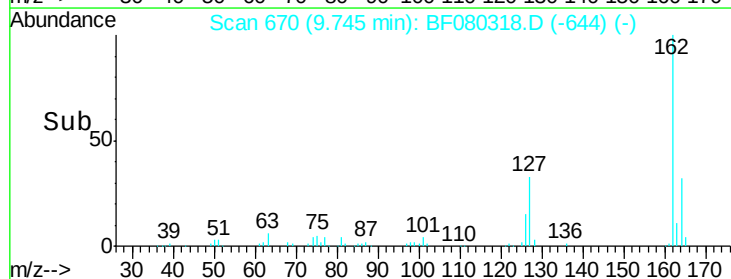
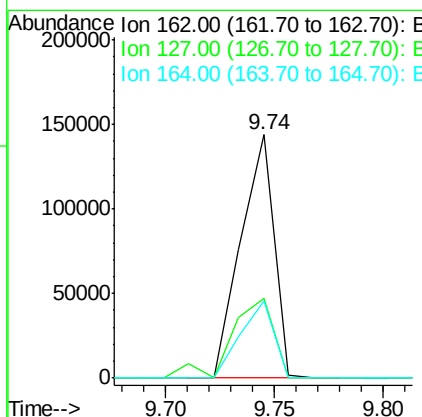
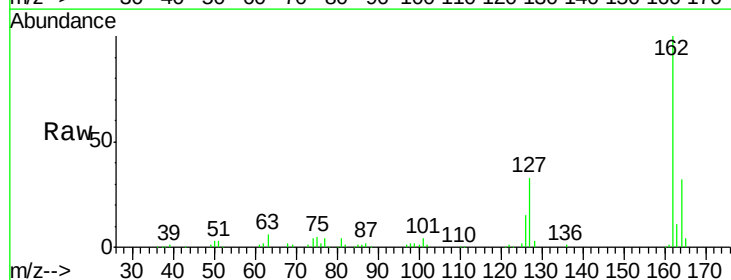
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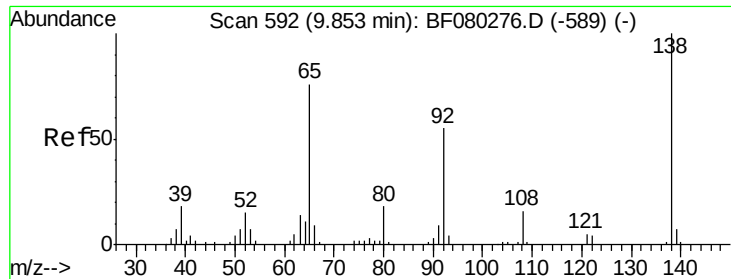
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#46
 2-Chloronaphthalene
 Concen: 39.25 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion:	162	Resp:	151597
Ion Ratio	Lower	Upper	
162	100		
127	33.0	33.4	50.0#
164	31.9	25.3	37.9





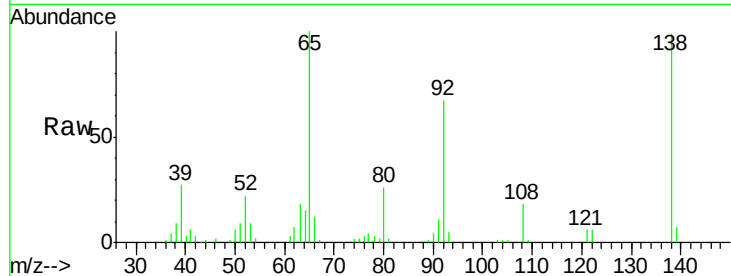
#47
2-Nitroaniline
Concen: 43.92 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	58.0	87.0
138	98.7	104.8	157.2#

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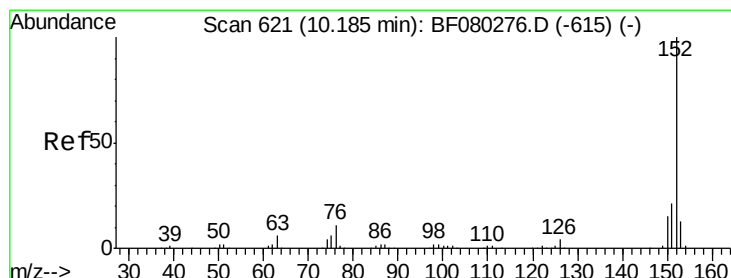
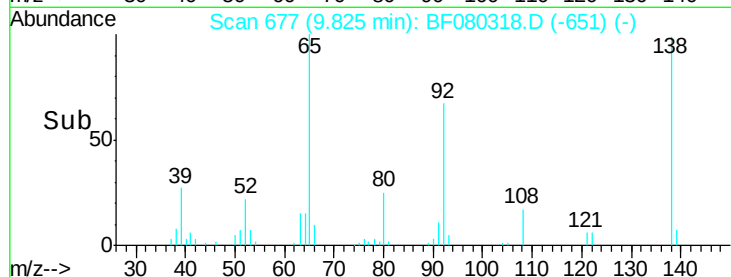
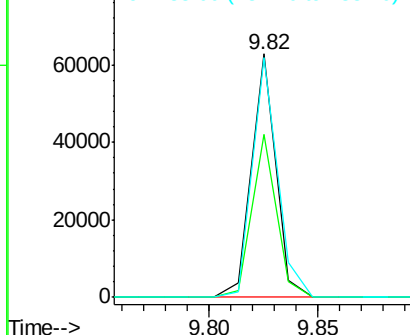


Abundance

Ion 65.00 (64.70 to 65.70): BF0

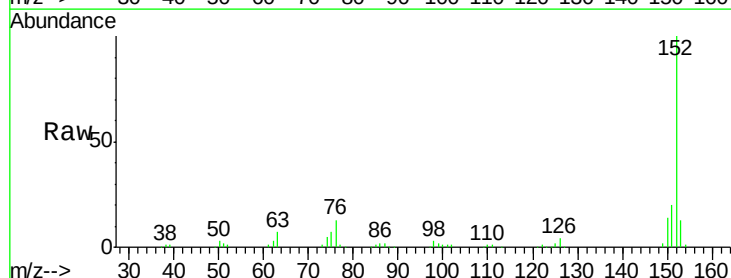
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 37.11 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

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

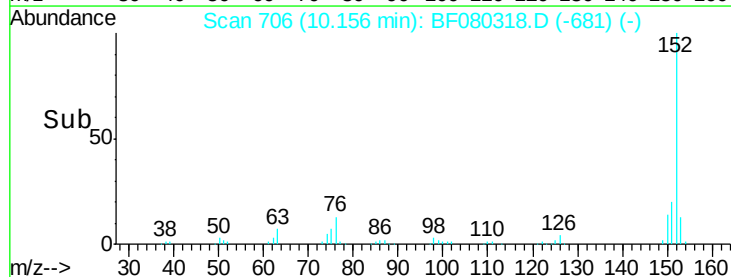
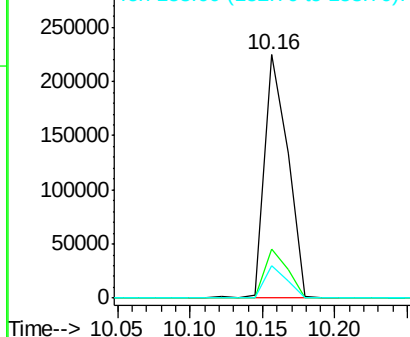


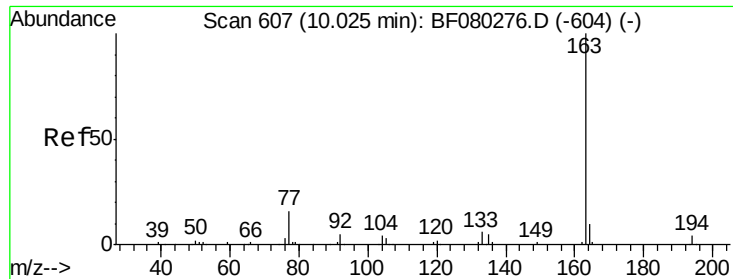
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





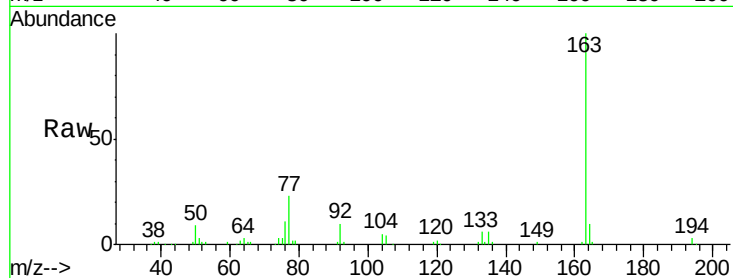
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

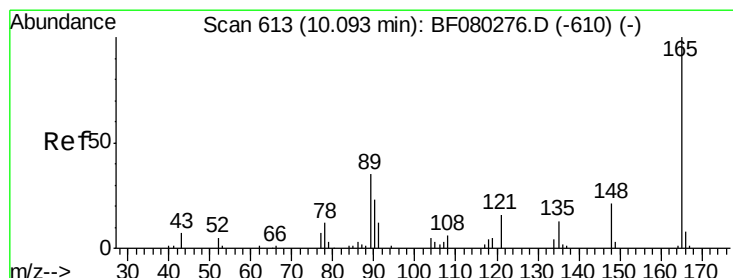
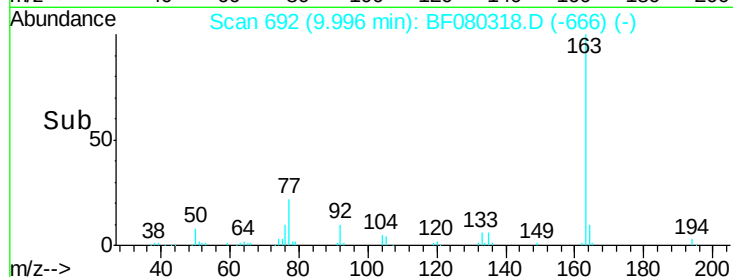
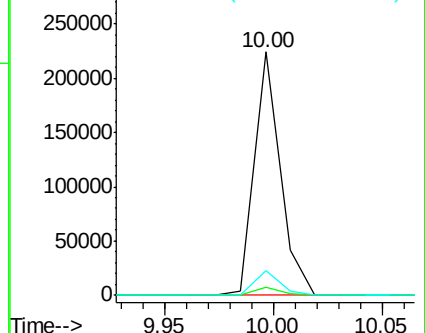
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	3.0	4.4
164	10.4	7.9	11.9

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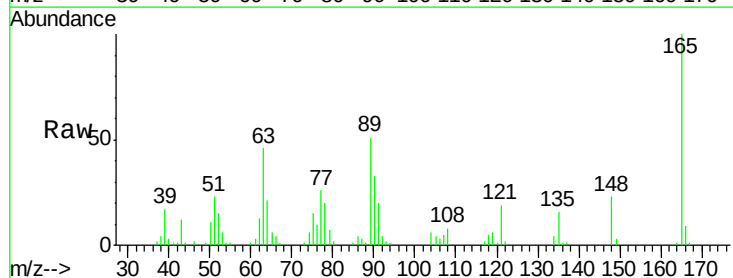


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

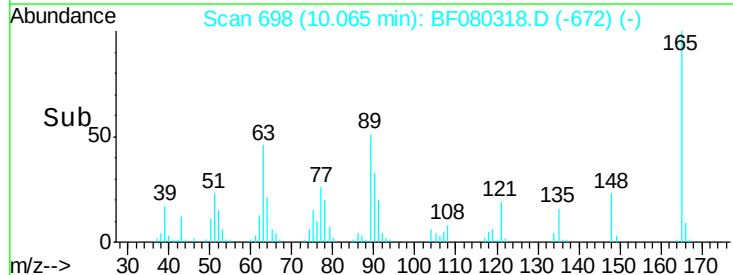
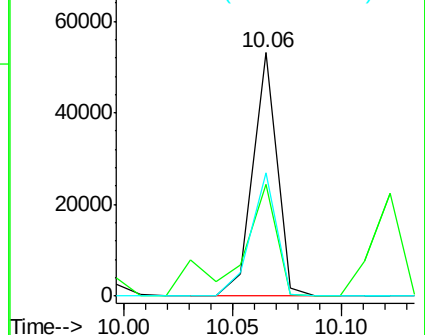


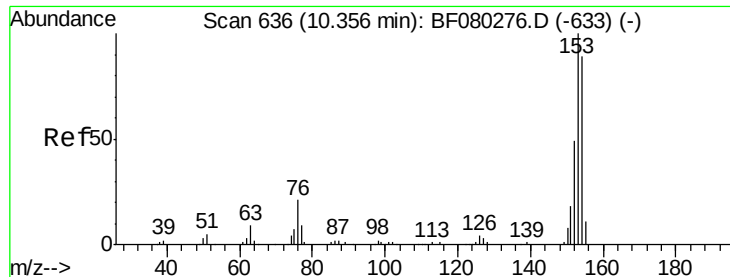
#50
2,6-Dinitrotoluene
Concen: 44.66 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.8	23.4	35.0#
89	50.5	27.7	41.5#



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





#51

Acenaphthene

Concen: 41.74 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF080318.D

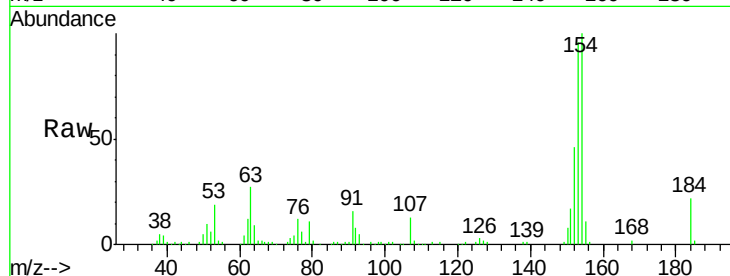
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

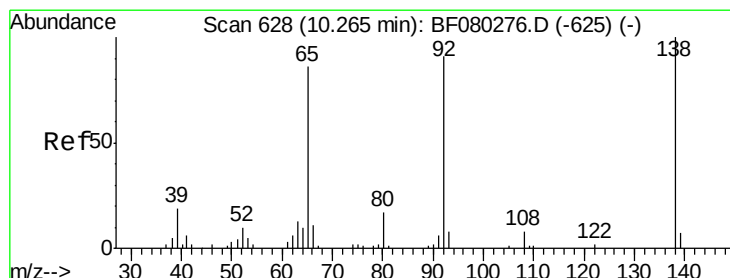
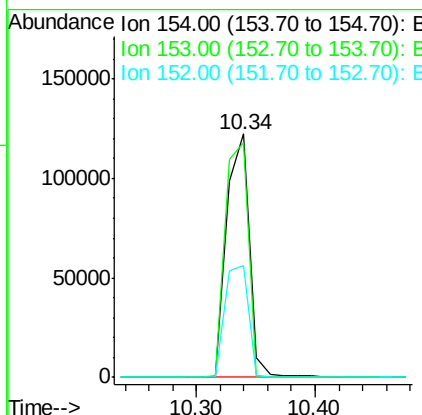
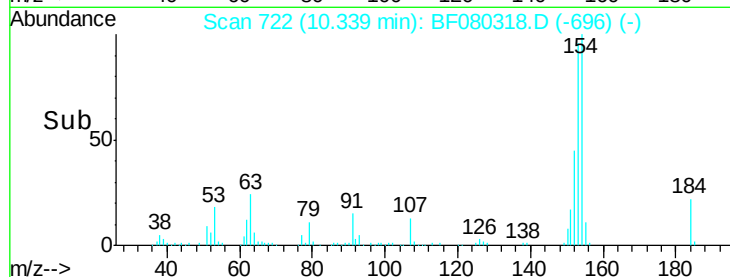
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	96.5	90.4	135.6
152	45.8	43.9	65.9

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#52

3-Nitroaniline

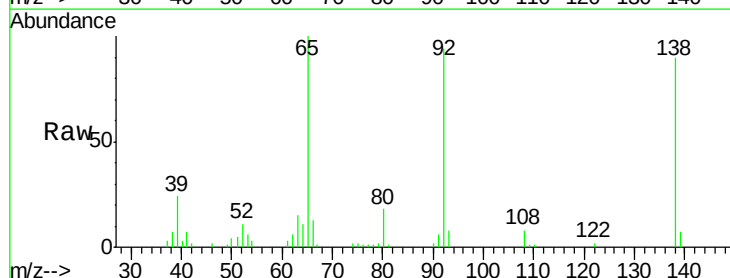
Concen: 28.73 ng

RT: 10.24 min Scan# 713

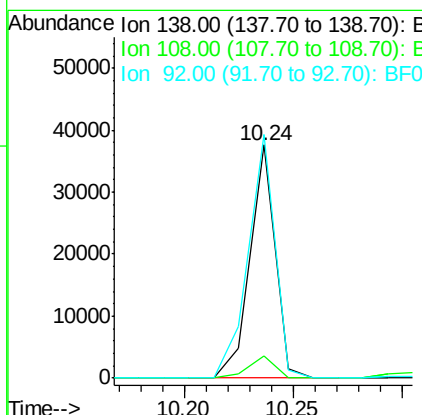
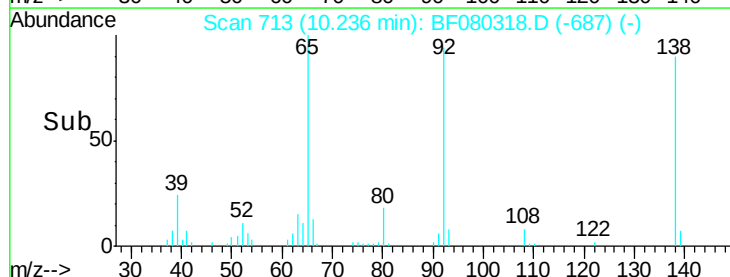
Delta R.T. 0.00 min

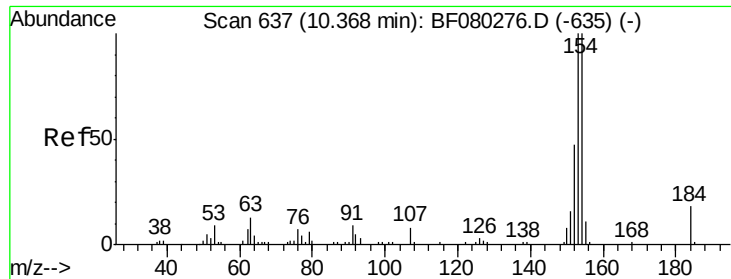
Lab File: BF080318.D

Acq: 2 Jul 2015 19:58



Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.4	6.7	10.1
92	104.4	72.6	109.0





#53

2,4-Dinitrophenol

Concen: 88.53 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF080318.D

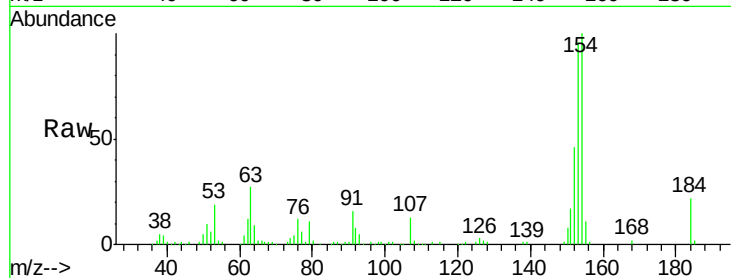
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS



Tgt Ion:184 Resp: 35107

Ion Ratio Lower Upper

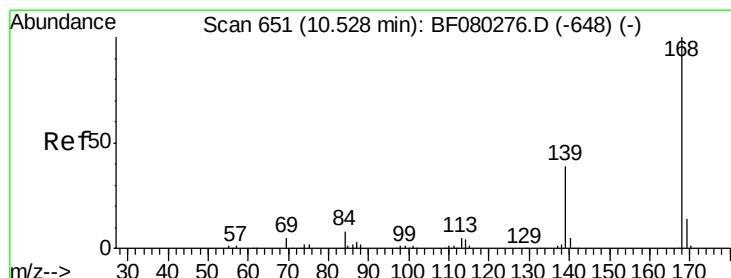
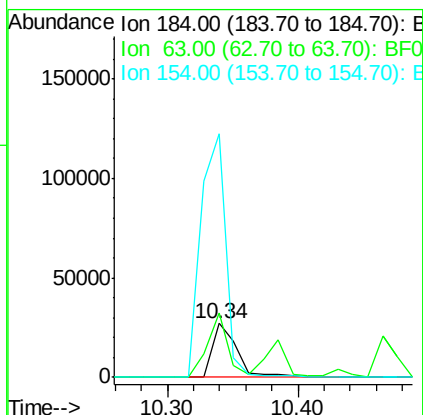
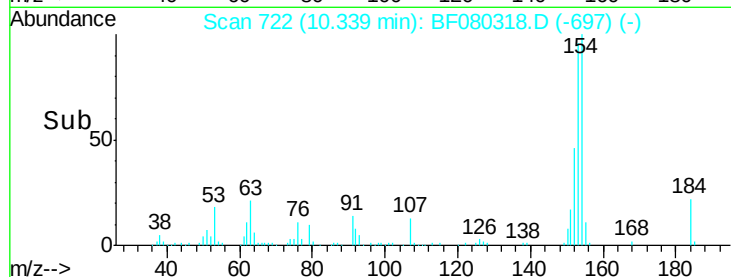
184 100

63 119.9 65.0 97.6#

154 451.2 473.1 709.7#

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#54

Dibenzofuran

Concen: 42.29 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

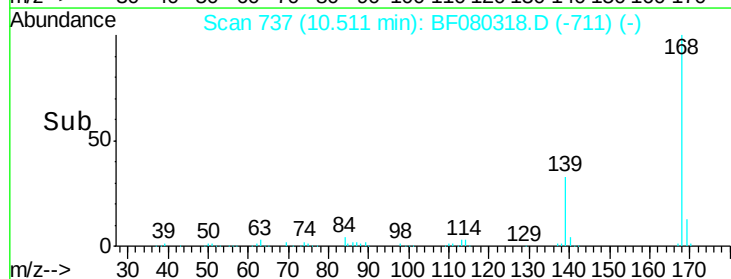
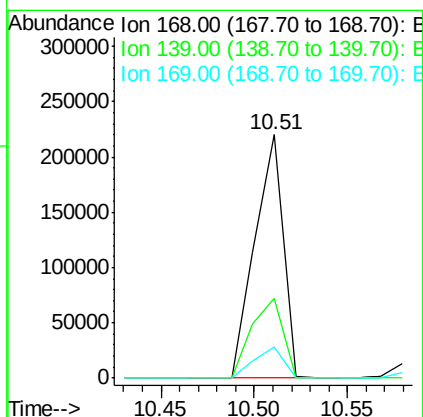
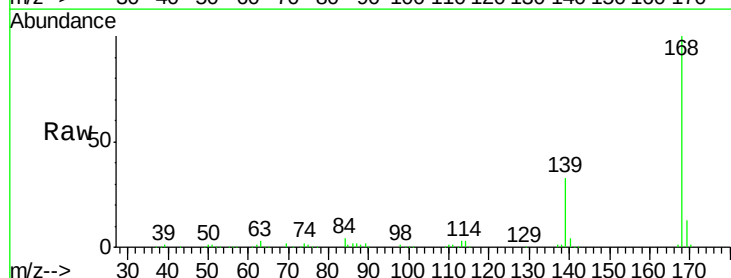
Tgt Ion:168 Resp: 230486

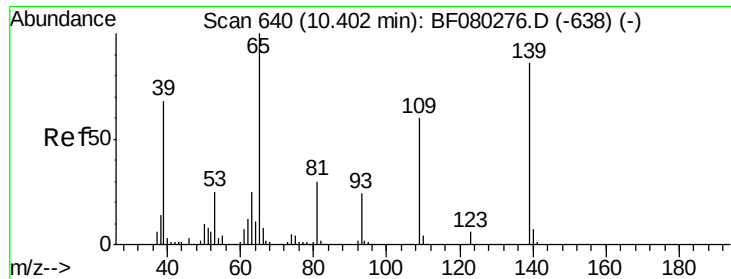
Ion Ratio Lower Upper

168 100

139 32.6 31.5 47.3

169 12.7 11.0 16.4





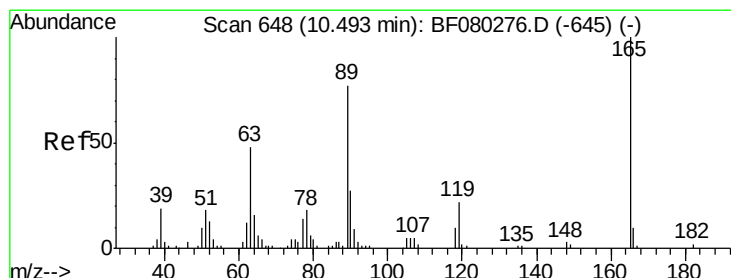
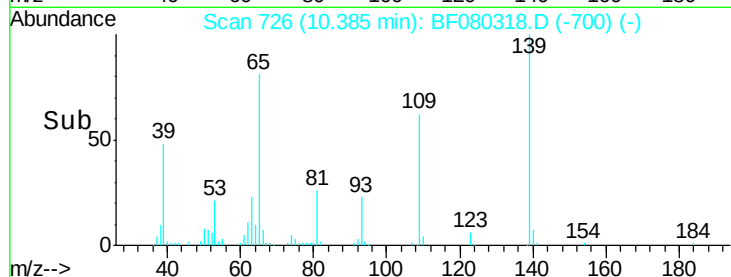
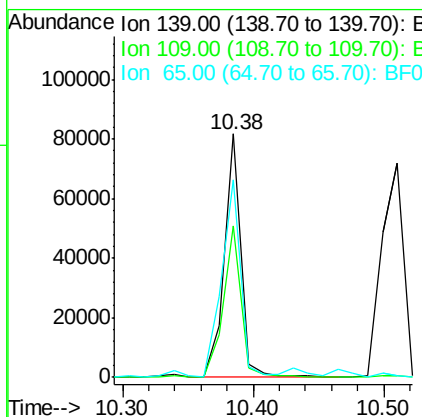
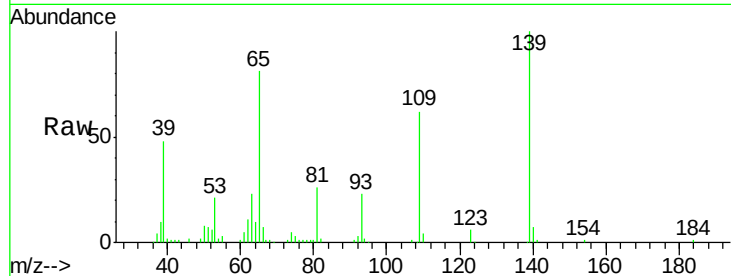
#55
4-Nitrophenol
Concen: 94.41 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.2	50.2	90.2
65	81.1	96.7	136.7#

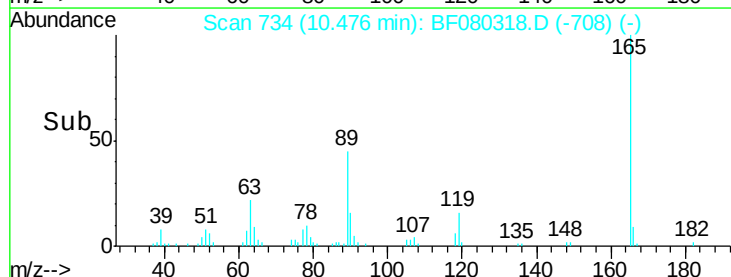
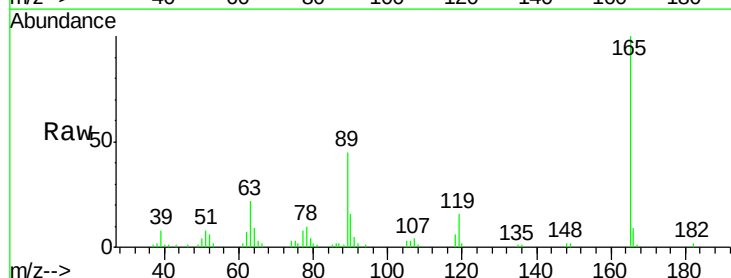
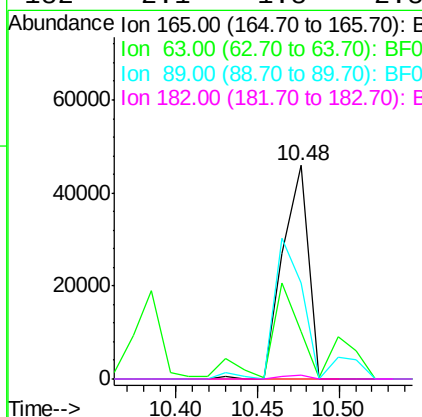
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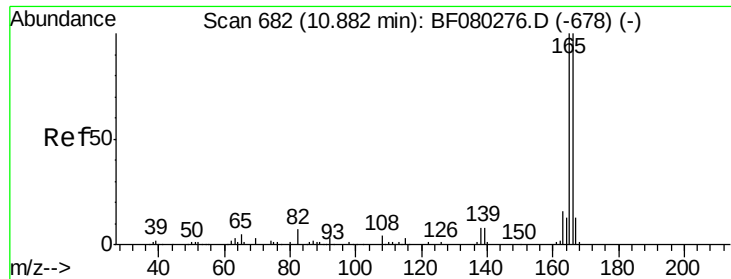
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#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	22.3	38.7	58.1#
89	45.1	62.0	93.0#
182	2.1	1.8	2.8





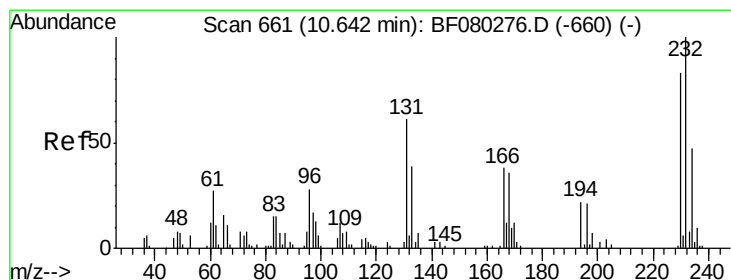
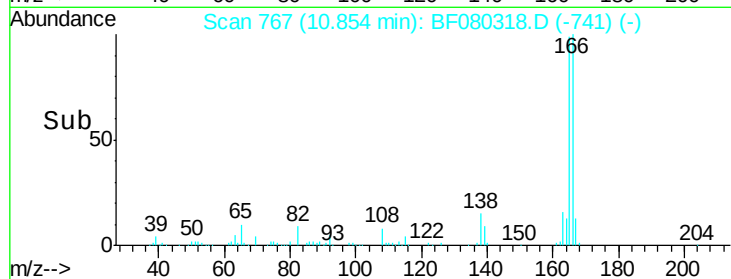
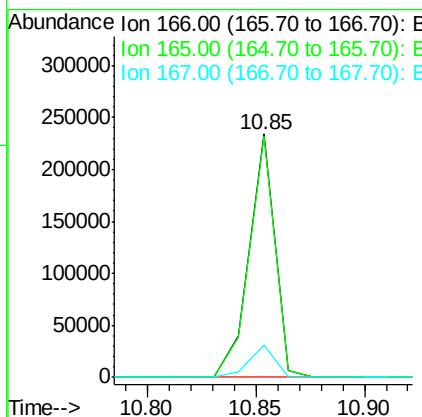
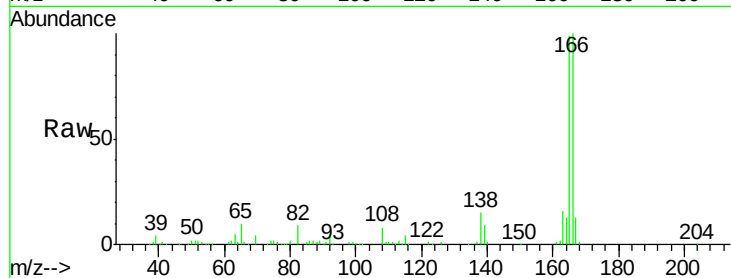
#57
Fluorene
Concen: 42.52 ng
RT: 10.85 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	192212		
165	99.2	79.9	119.9	
167	13.1	10.3	15.5	

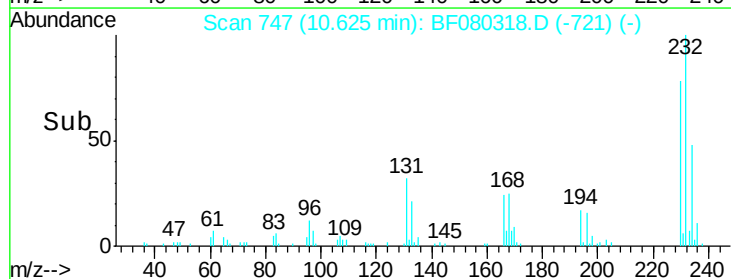
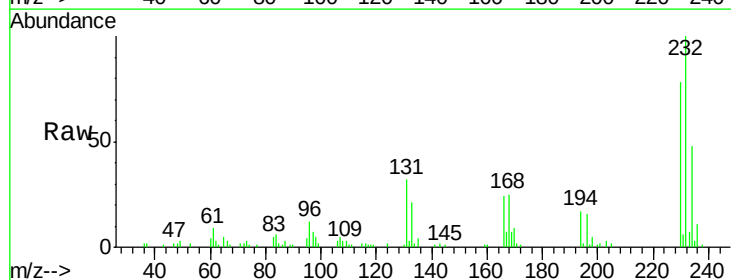
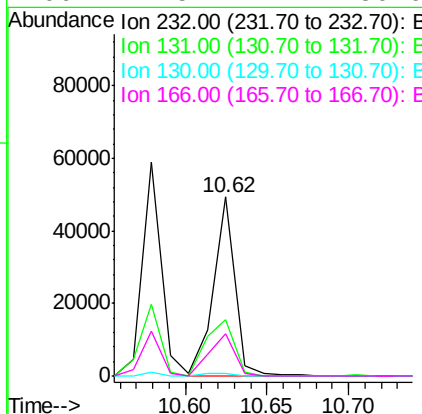
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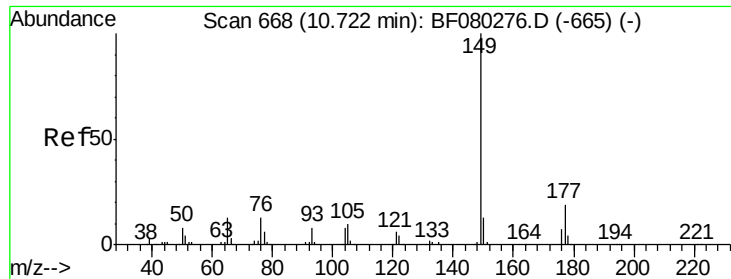
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#58
2,3,4,6-Tetrachlorophenol
Concen: 43.86 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	45514		
131	41.5	37.0	55.6	
130	1.9	1.5	2.3	
166	27.5	24.4	36.6	





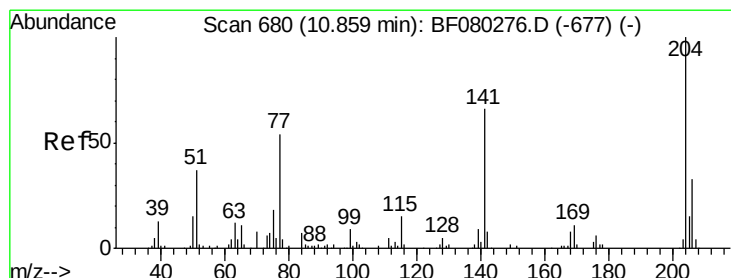
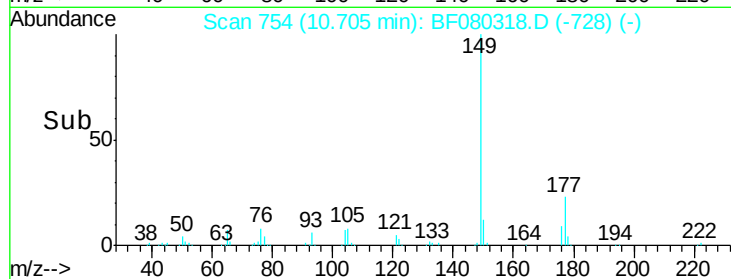
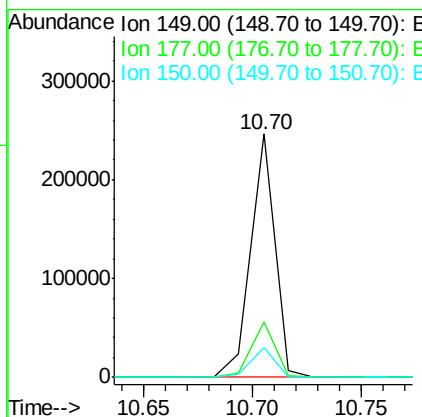
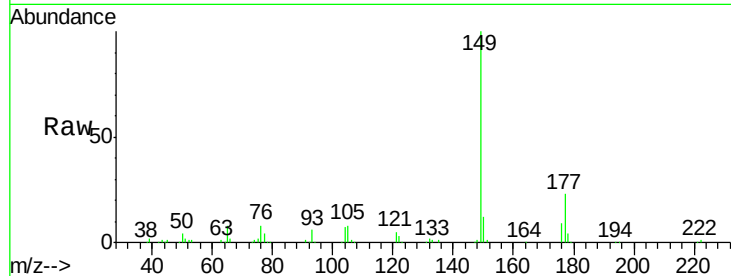
#59
Diethylphthalate
Concen: 44.54 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	189733		
177	22.9	15.4	23.0	
150	12.4	10.5	15.7	

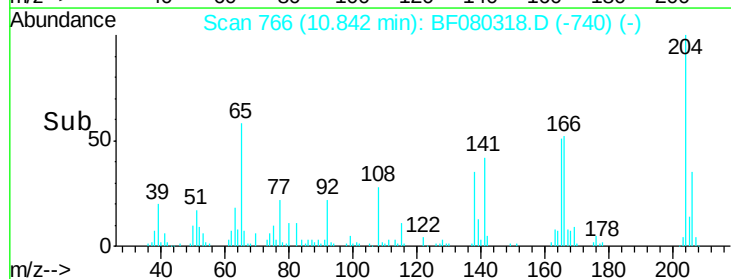
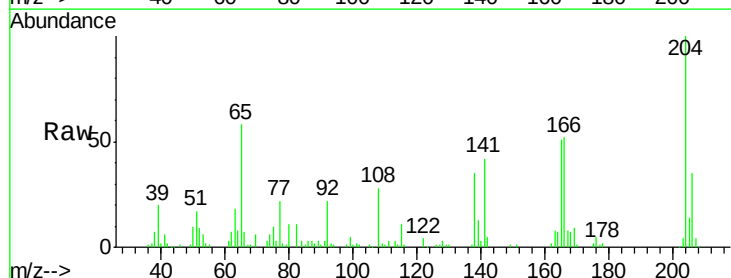
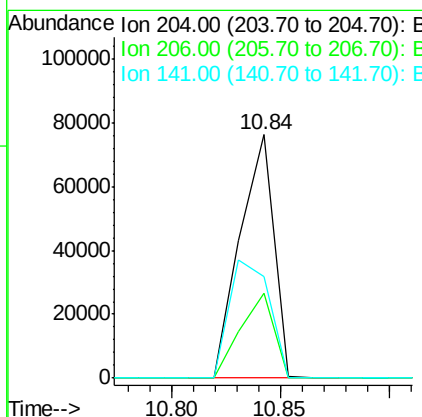
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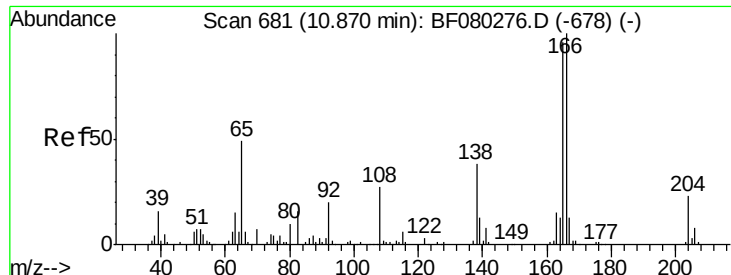
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#60
4-Chlorophenyl-phenylether
Concen: 40.19 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	82144		
206	35.0	26.5	39.7	
141	41.5	52.5	78.7#	





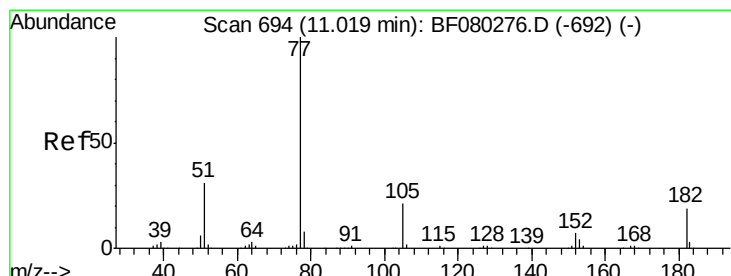
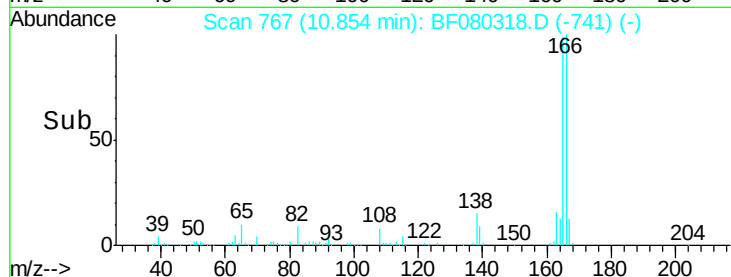
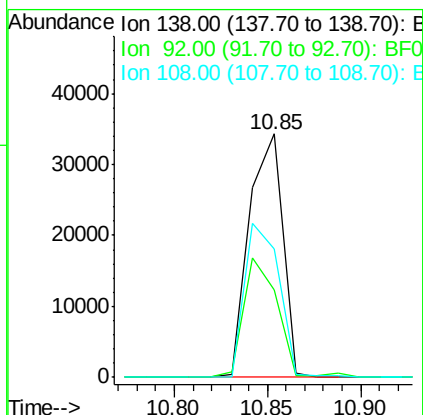
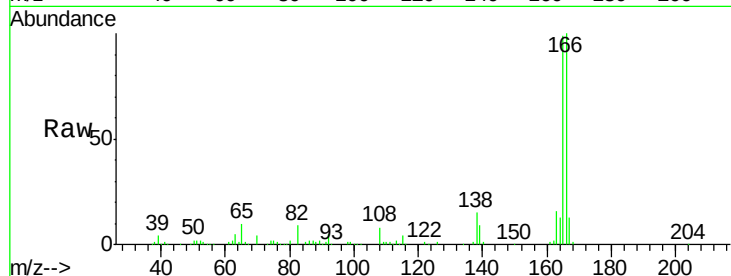
#61
 4-Nitroaniline
 Concen: 39.92 ng
 RT: 10.85 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Manual Integrations
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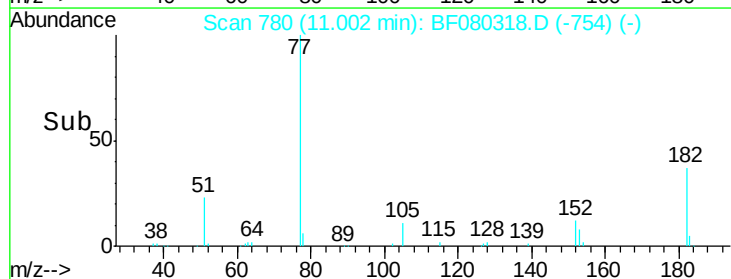
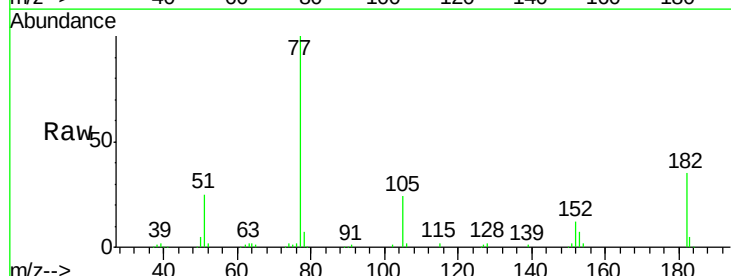
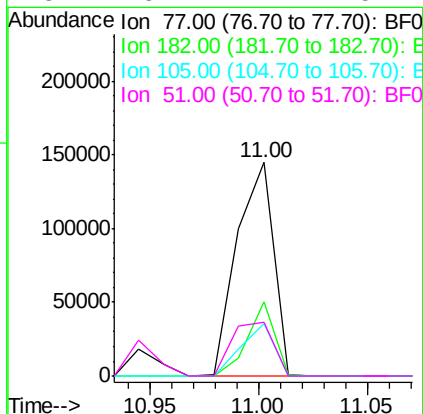
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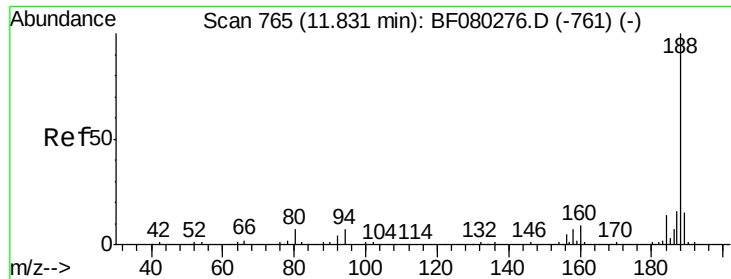
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	42638		
92	35.7	32.7	72.7	
108	52.9	49.6	89.6	



#62
 Azobenzene
 Concen: 38.53 ng
 RT: 11.00 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	168829		
182	34.9	0.0	38.9	
105	24.3	1.3	41.3	
51	25.2	11.1	51.1	





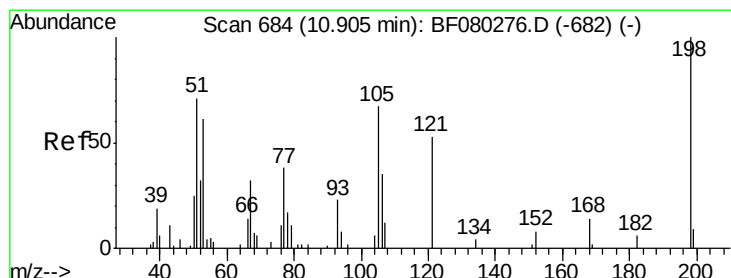
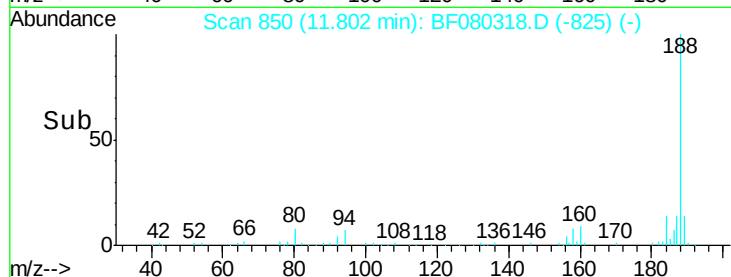
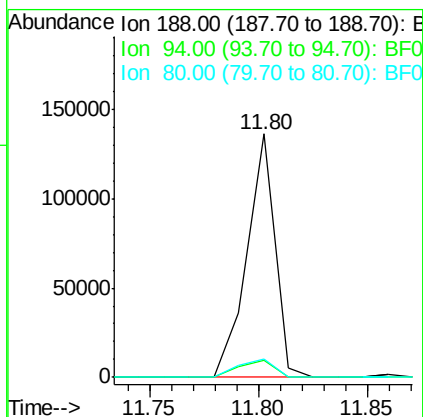
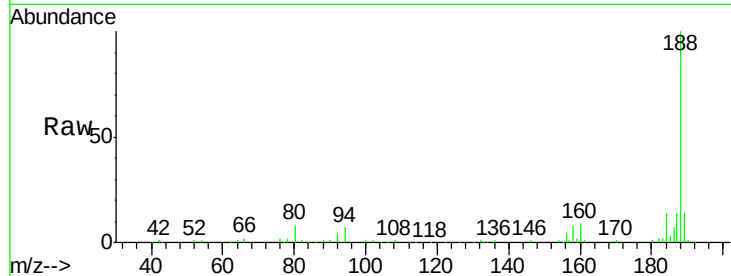
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.80 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	122070		
94	7.2		5.4	8.0
80	7.8		5.8	8.6

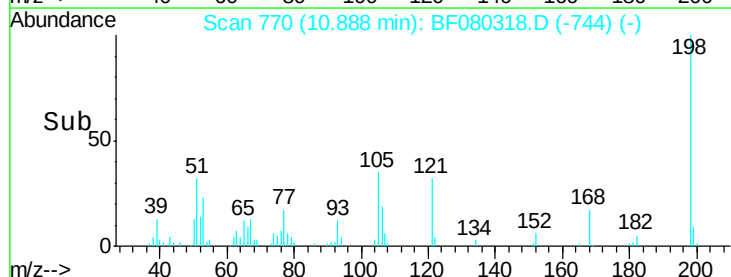
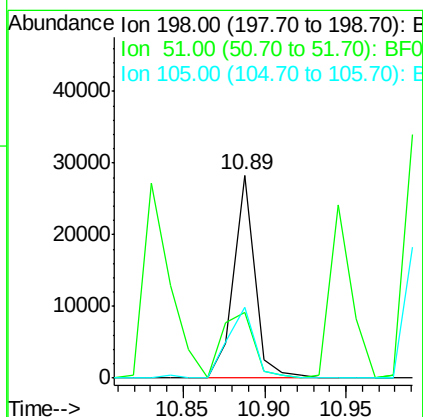
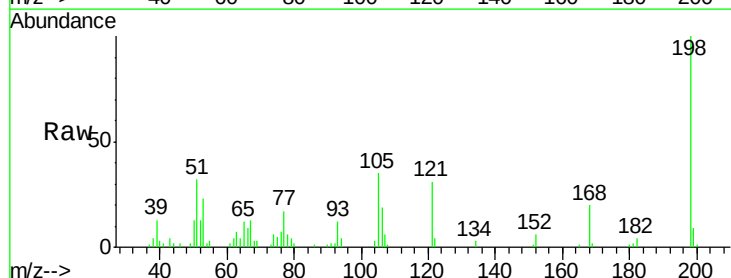
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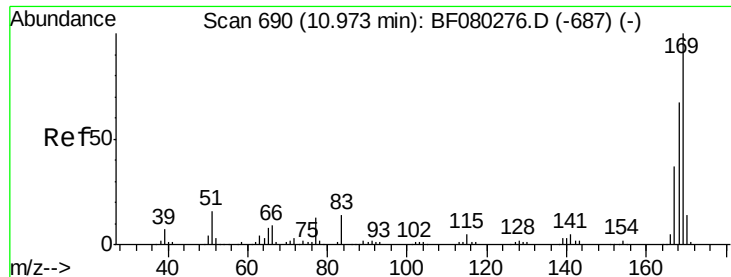
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.39 ng
 RT: 10.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	25242		
51	32.1		63.7	103.7#
105	35.0		46.9	86.9#





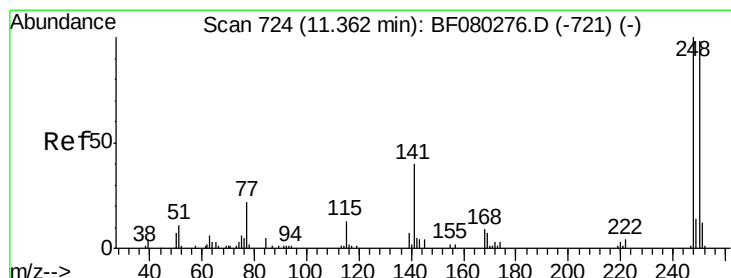
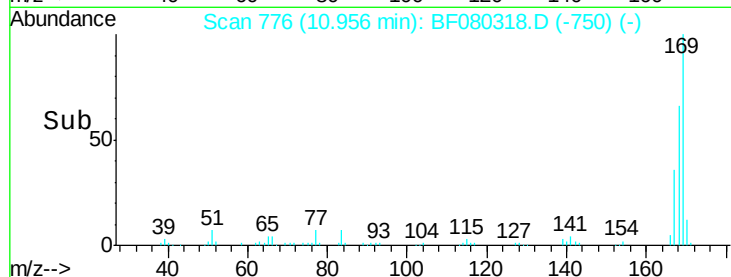
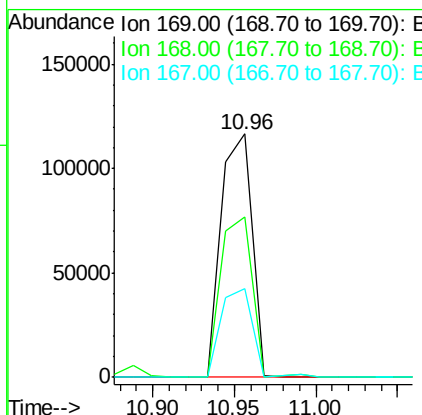
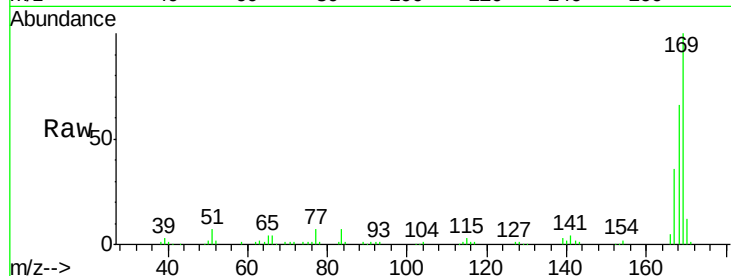
#65
 n-Nitrosodiphenylamine
 Concen: 37.71 ng
 RT: 10.96 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	151262		
168	65.9	53.6	80.4	
167	36.3	29.9	44.9	

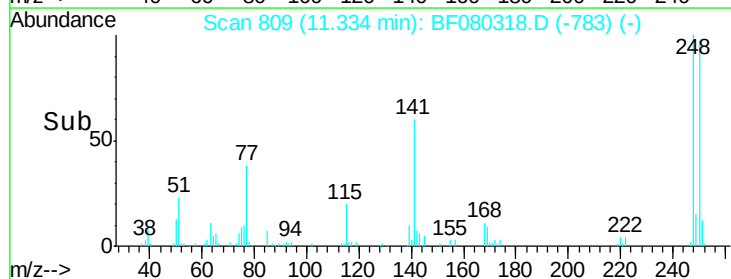
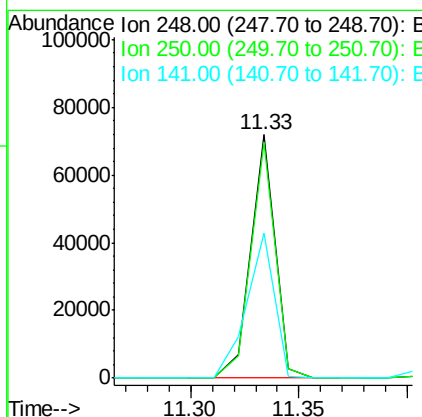
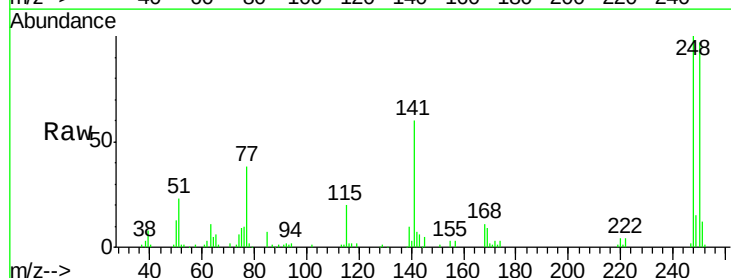
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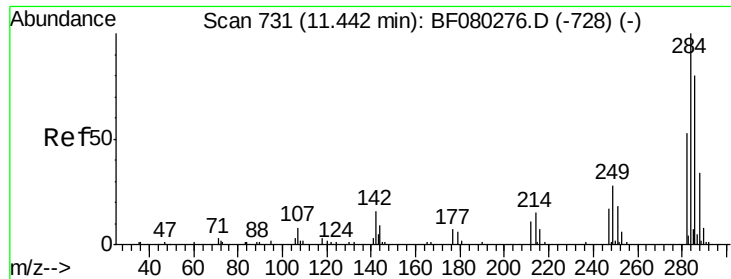
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#66
 4-Bromophenyl-phenylether
 Concen: 42.50 ng
 RT: 11.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	56072		
250	96.9	78.2	117.4	
141	59.5	31.9	47.9	





#67

Hexachlorobenzene

Concen: 41.56 ng

RT: 11.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

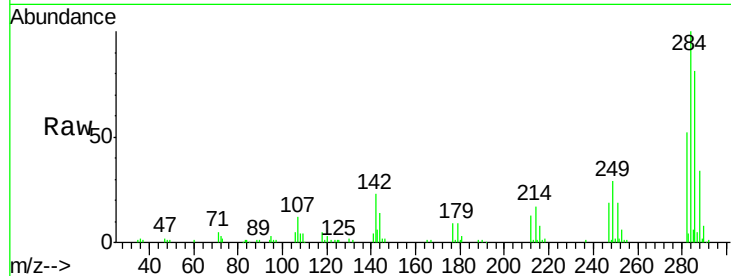
ClientSampleId :

PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	58772		
142	23.0	12.5	18.7#	
249	28.8	22.4	33.6	

Manual Integrations
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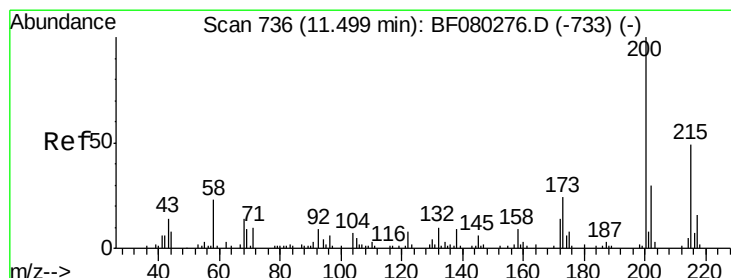
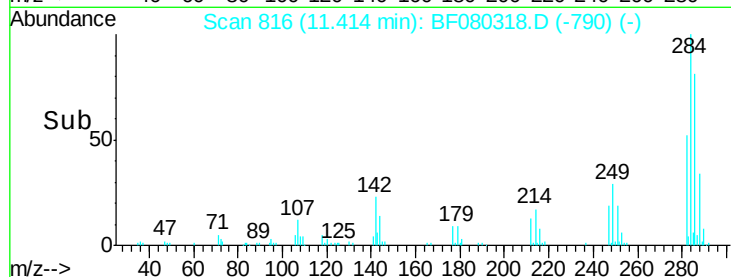
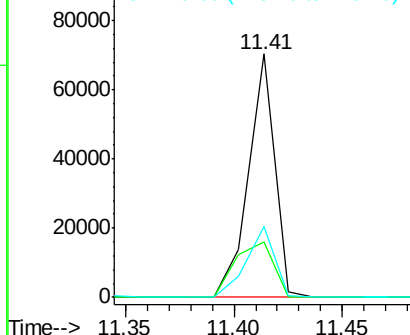
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.70 ng

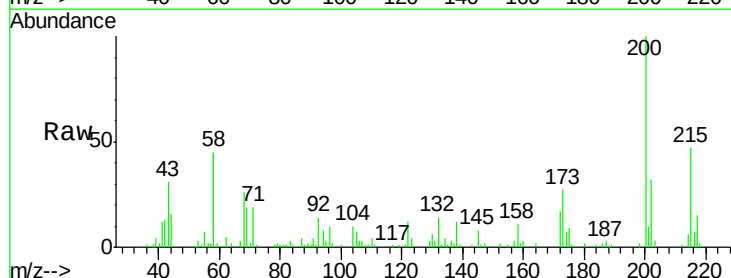
RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

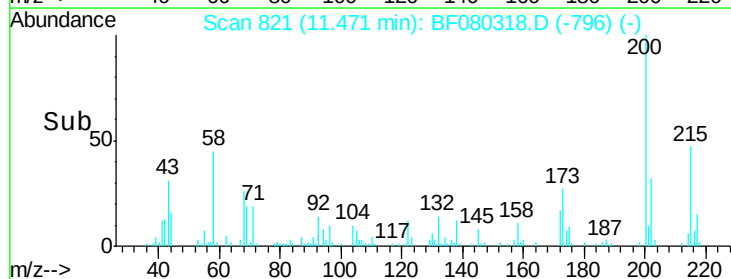
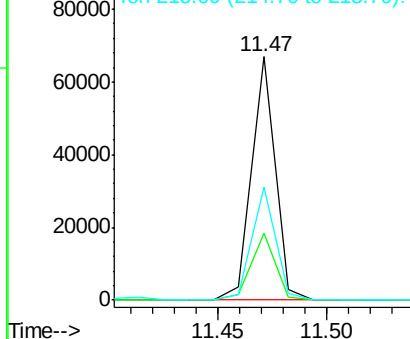
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	50569		
173	27.4	3.5	43.5	
215	46.5	28.6	68.6	

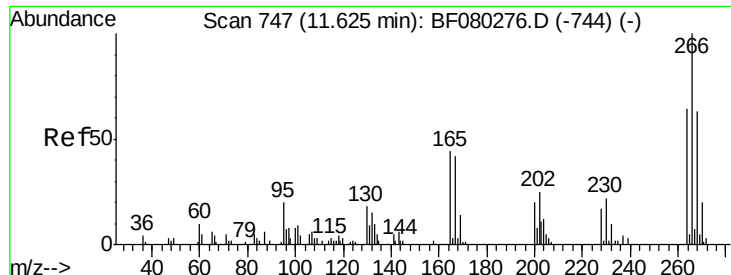


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





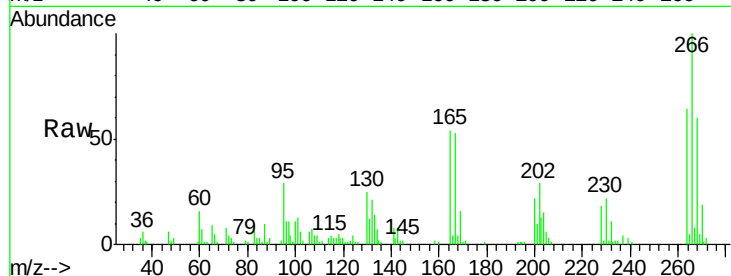
#69
 Pentachlorophenol
 Concen: 77.46 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

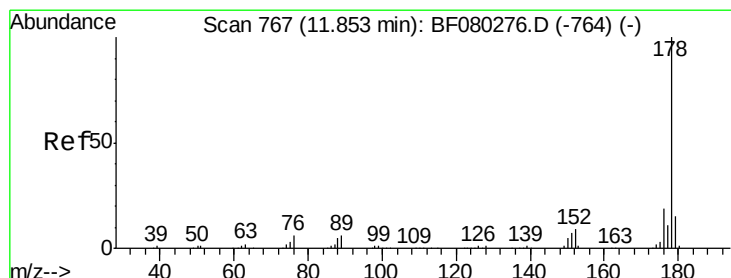
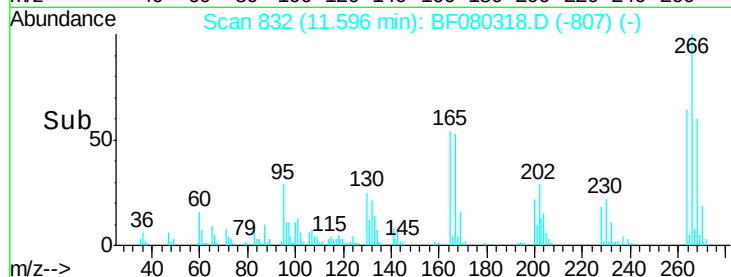
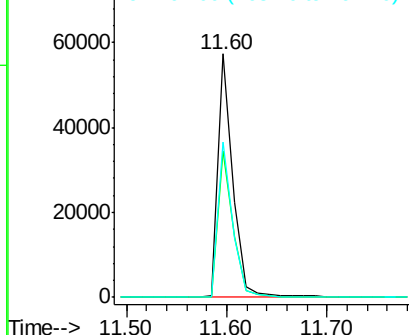
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	59255		
268	60.1		50.7	76.1
264	63.9		51.3	76.9

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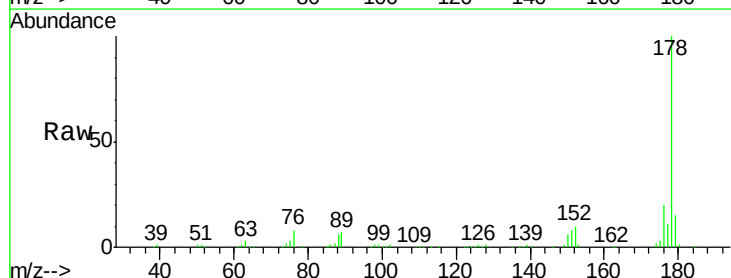


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

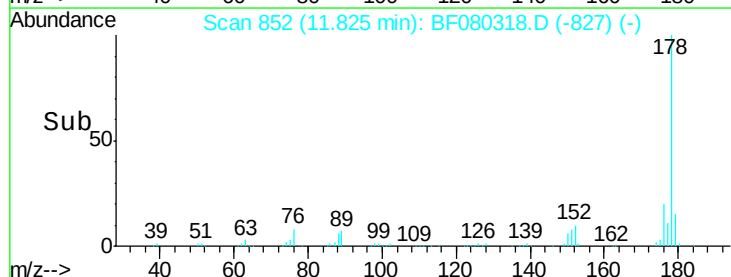
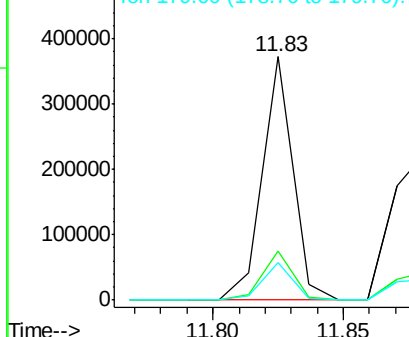


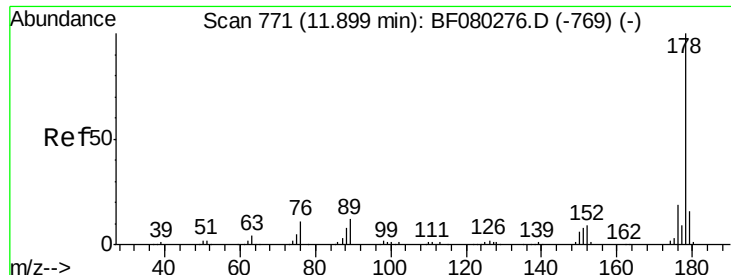
#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 11.83 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	301340		
176	20.0		15.6	23.4
179	15.5		12.2	18.2



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





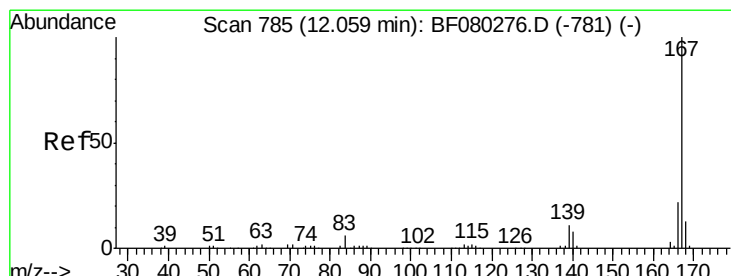
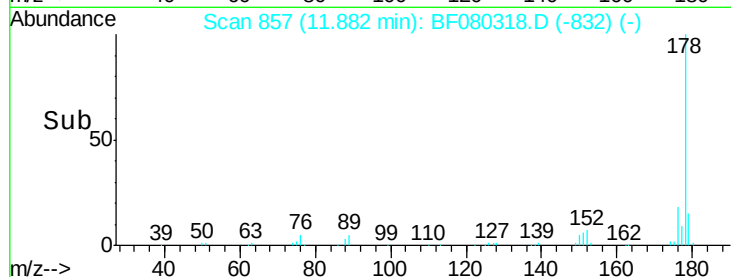
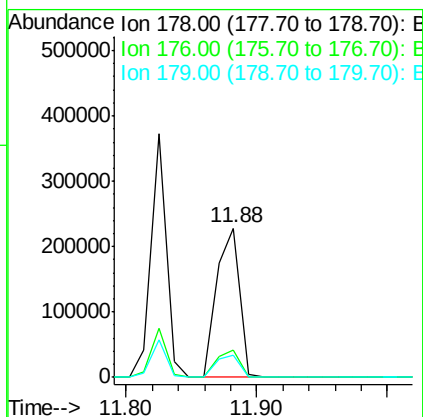
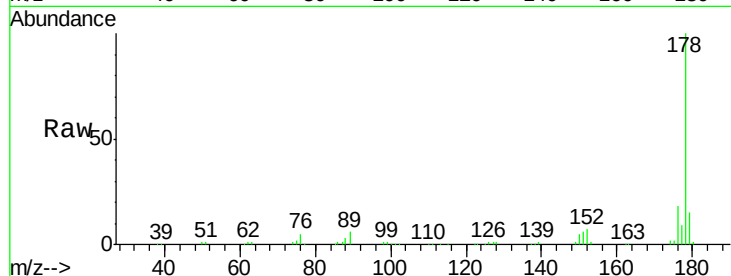
#71
 Anthracene
 Concen: 40.20 ng
 RT: 11.88 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	282108		
176	18.1	15.2	22.8	
179	14.8	12.6	18.8	

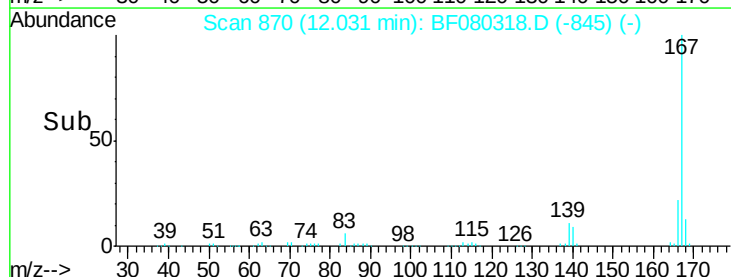
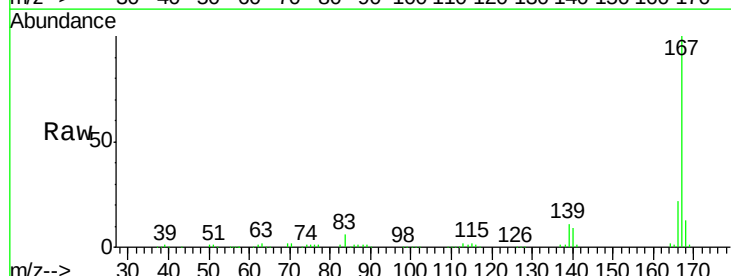
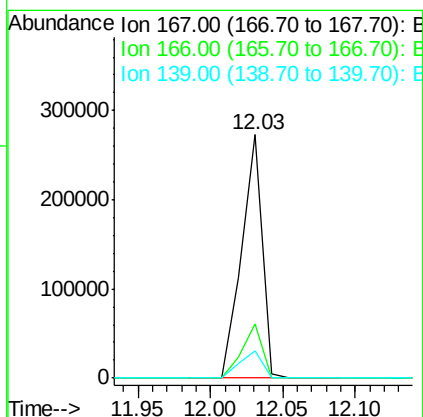
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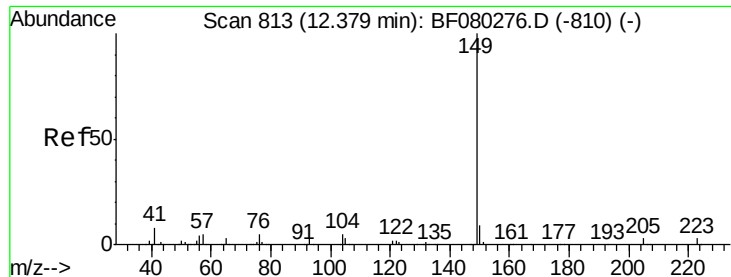
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#72
 Carbazole
 Concen: 40.91 ng
 RT: 12.03 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	268449		
166	22.3	17.3	25.9	
139	11.4	8.6	13.0	





#73

Di-n-butylphthalate

Concen: 38.37 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.03 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

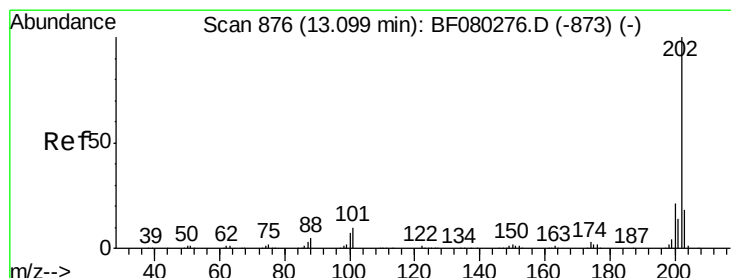
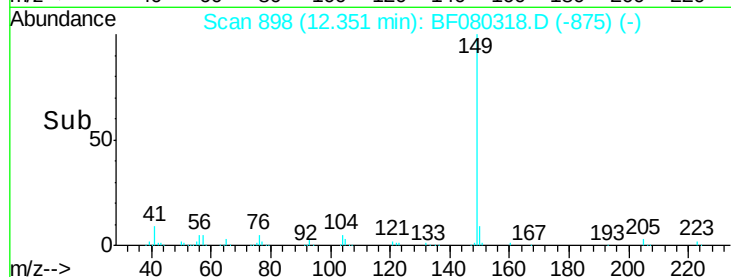
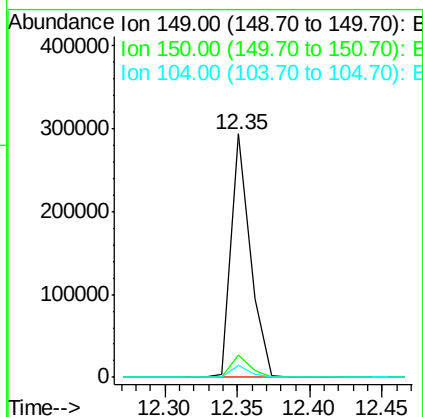
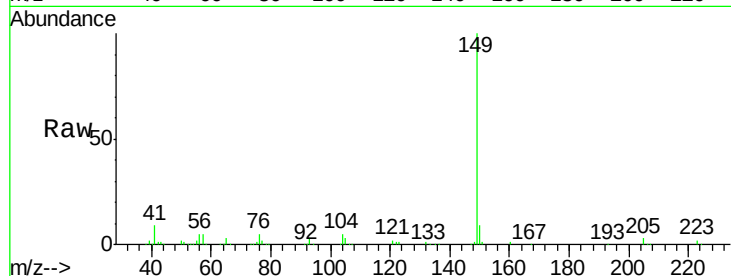
ClientSampleId :

PB84336BS

Tgt Ion:	149	Resp:	270148
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	5.0	3.7	5.5

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#74

Fluoranthene

Concen: 41.30 ng

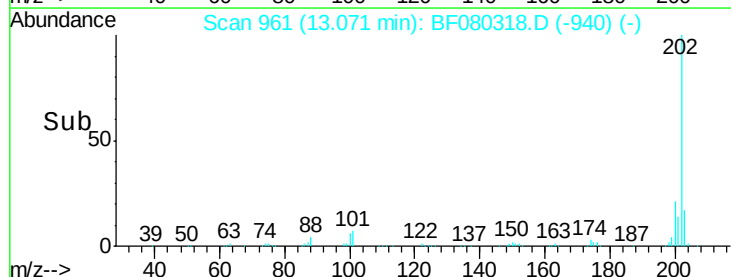
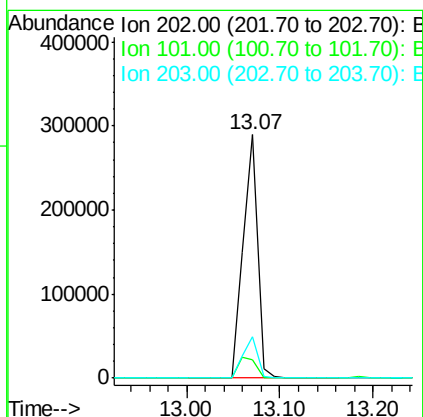
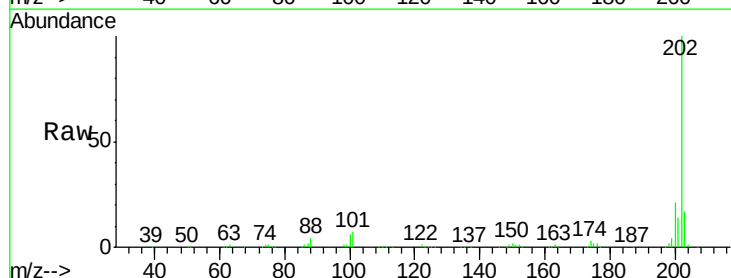
RT: 13.07 min Scan# 961

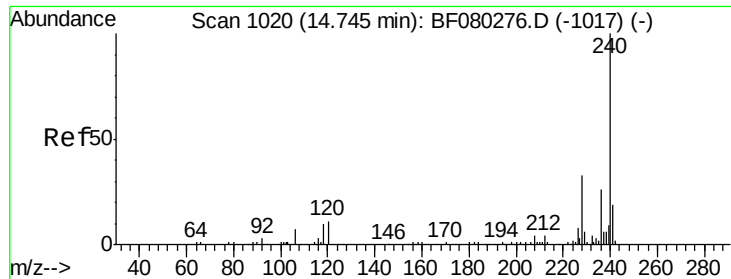
Delta R.T. -0.06 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	202	Resp:	312107
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	30.4
203	17.0	0.0	37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.14 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

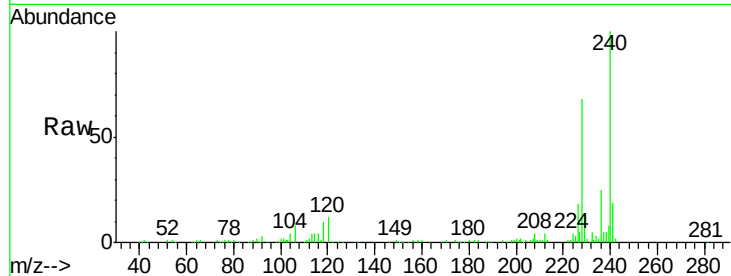
ClientSampleId :

PB84336BS

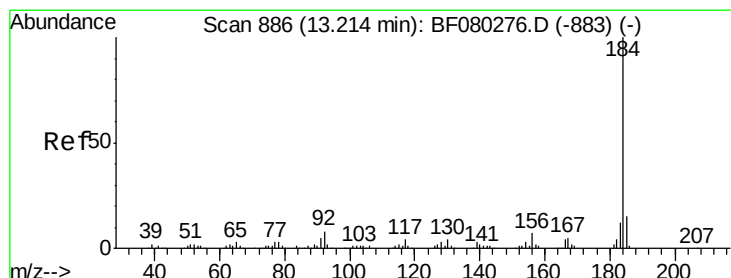
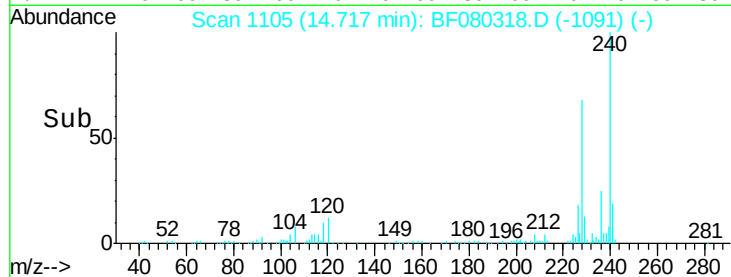
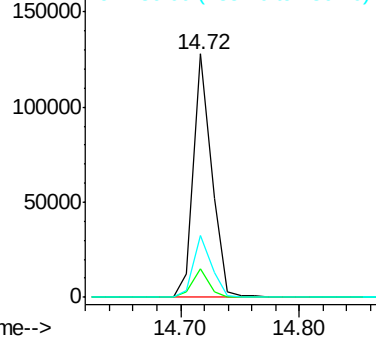
Tgt Ion:	240	Resp:	135721
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.7	13.1
236	25.5	20.9	31.3

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.55 ng

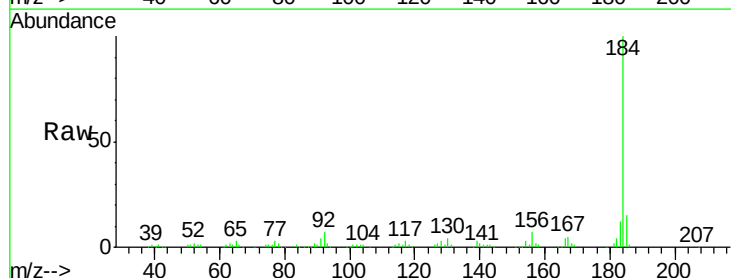
RT: 13.19 min Scan# 971

Delta R.T. -0.07 min

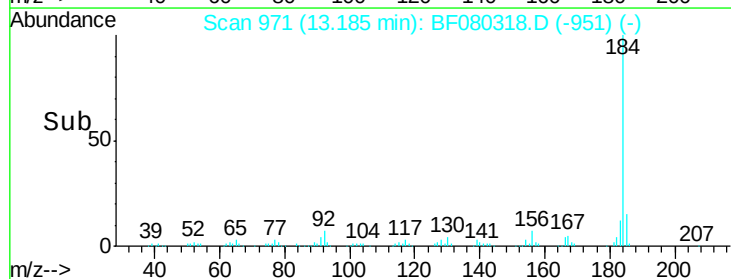
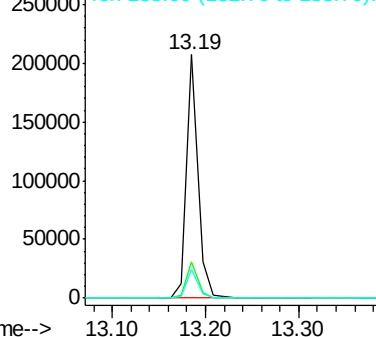
Lab File: BF080318.D

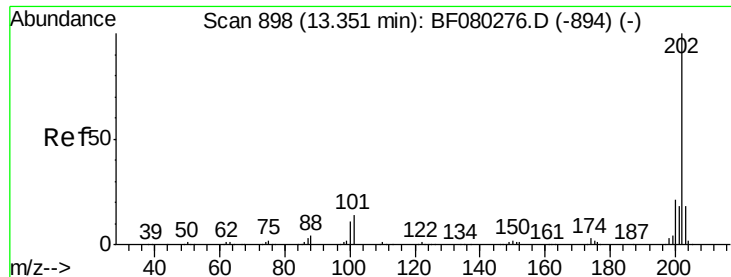
Acq: 2 Jul 2015 19:58

Tgt Ion:	184	Resp:	177080
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.8	17.6
183	11.7	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





#77

Pyrene

Concen: 38.44 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.07 min

Lab File: BF080318.D

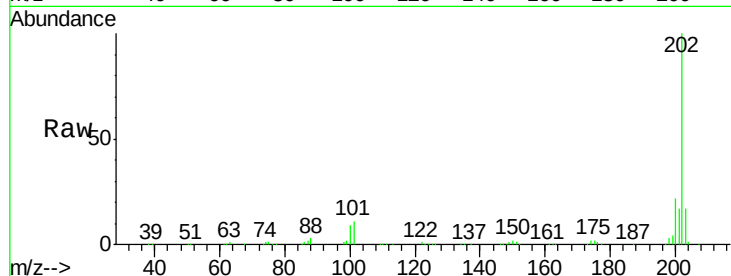
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

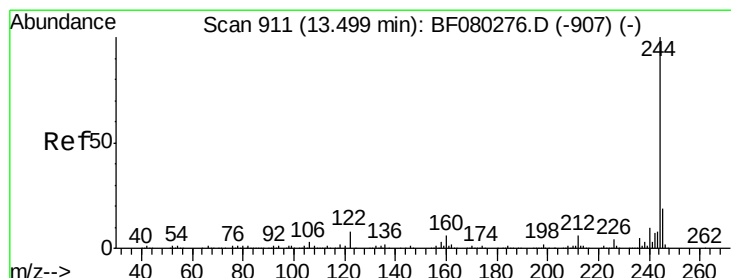
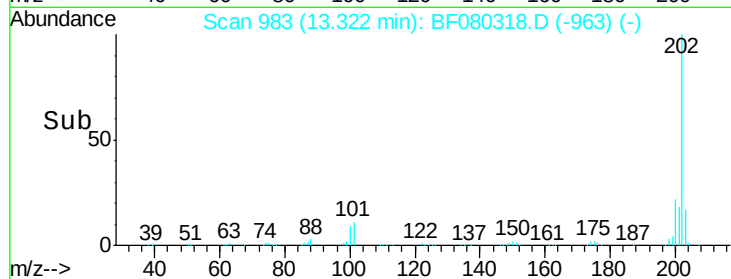
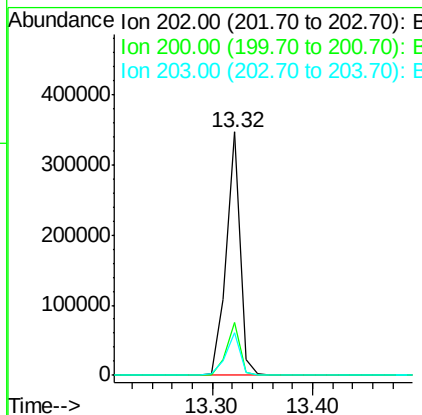
PB84336BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	333918		
200	21.8	17.0	25.6	
203	17.5	14.0	21.0	

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#78

Terphenyl-d14

Concen: 74.96 ng

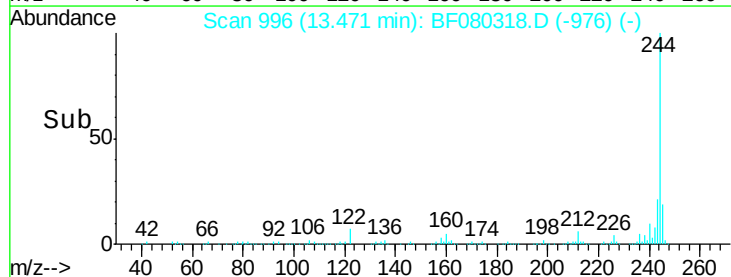
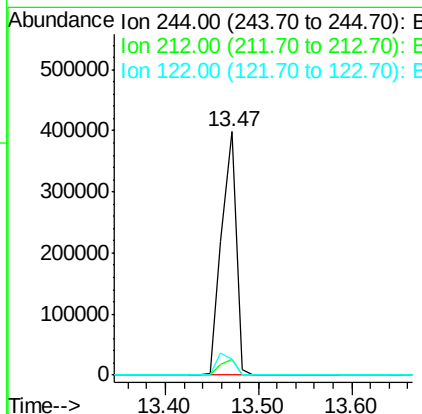
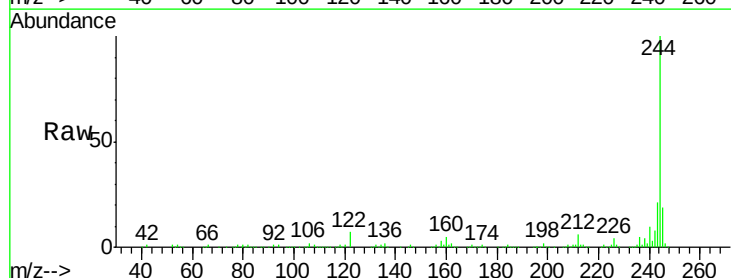
RT: 13.47 min Scan# 996

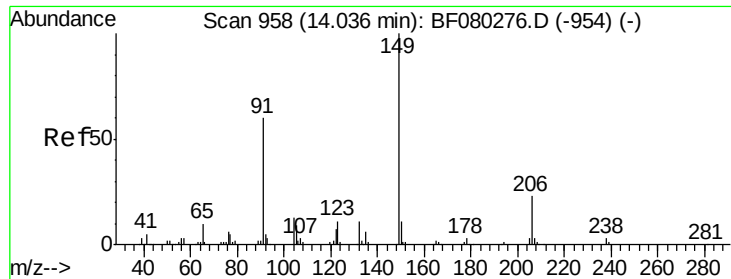
Delta R.T. -0.07 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	434325		
212	6.3	5.0	7.6	
122	6.6	6.6	9.8	





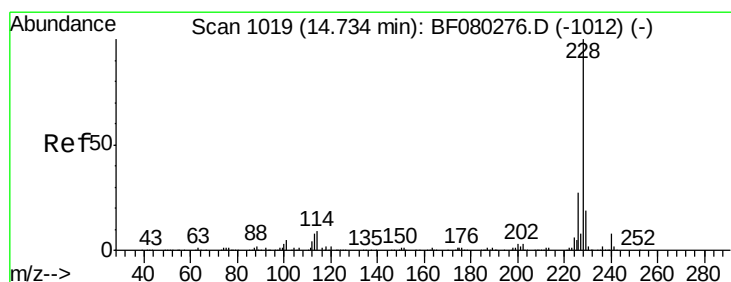
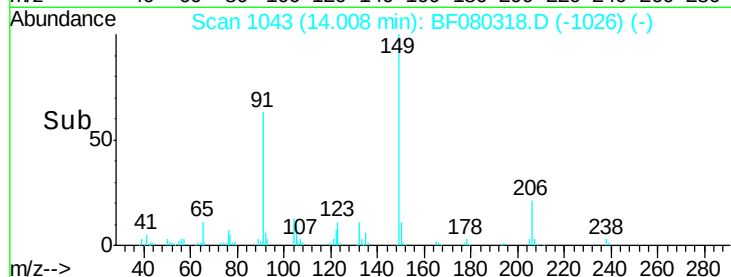
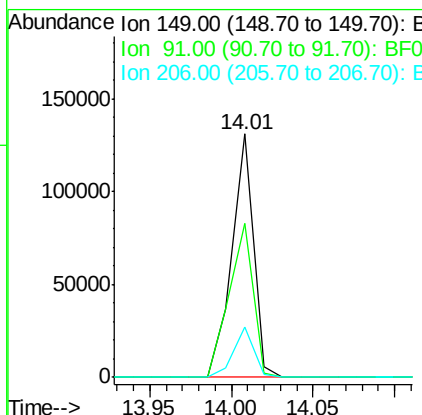
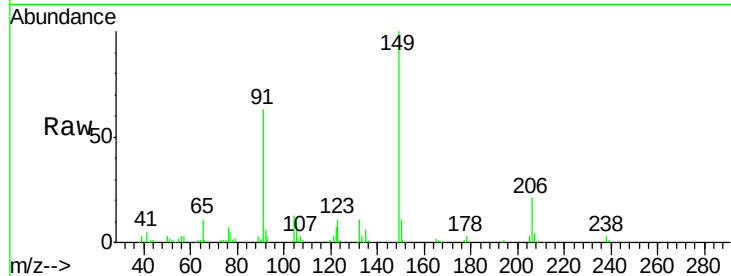
#79
Butylbenzylphthalate
Concen: 35.76 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.10 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	63.3	48.1	72.1
206	20.9	18.1	27.1

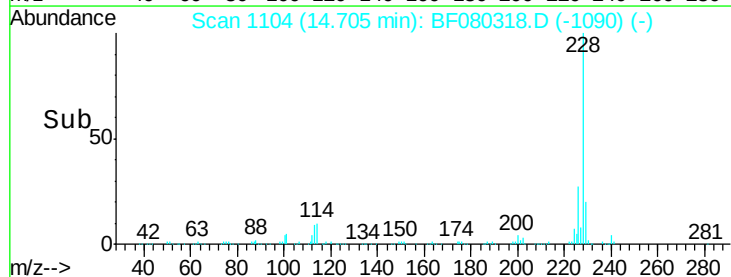
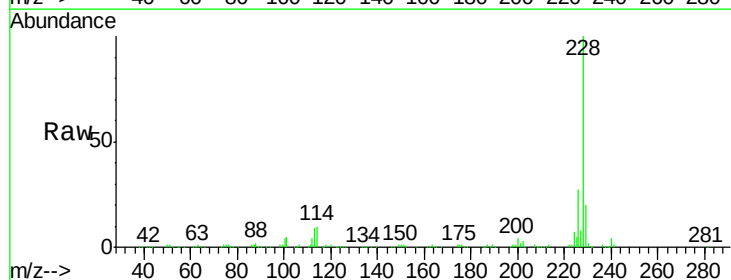
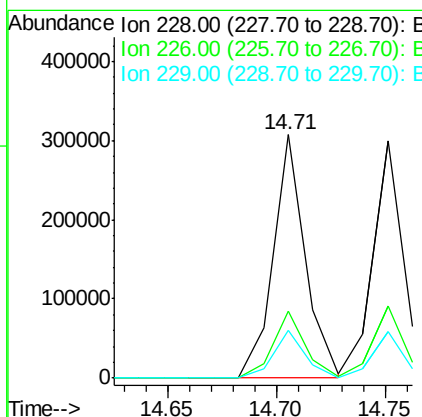
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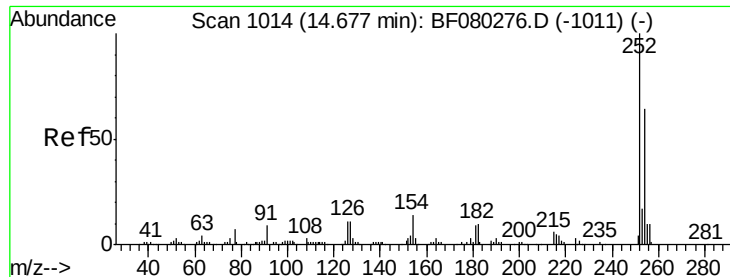
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#80
Benzo(a)anthracene
Concen: 38.79 ng
RT: 14.71 min Scan# 1104
Delta R.T. -0.14 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.4	21.7	32.5
229	19.8	15.5	23.3





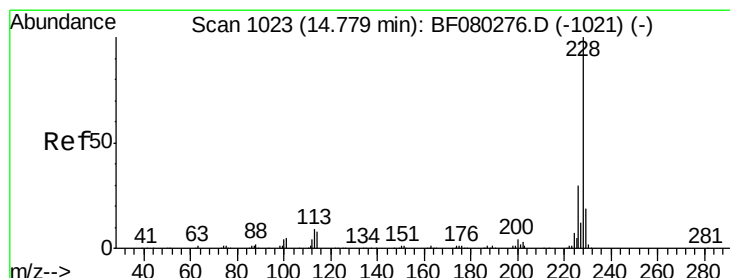
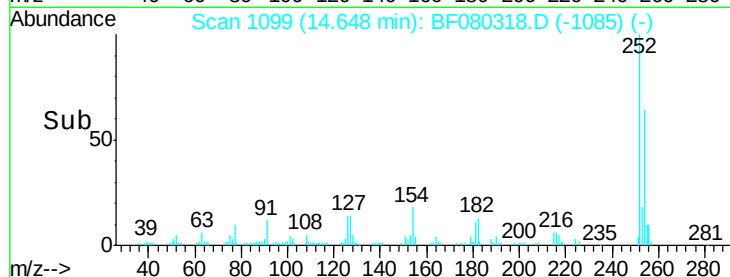
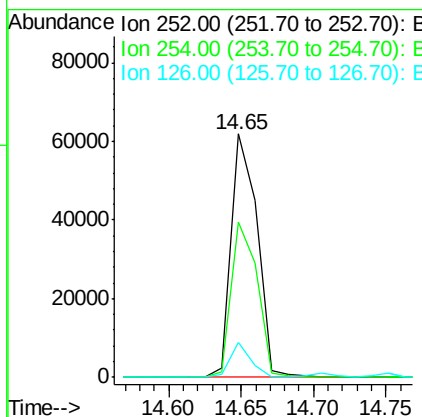
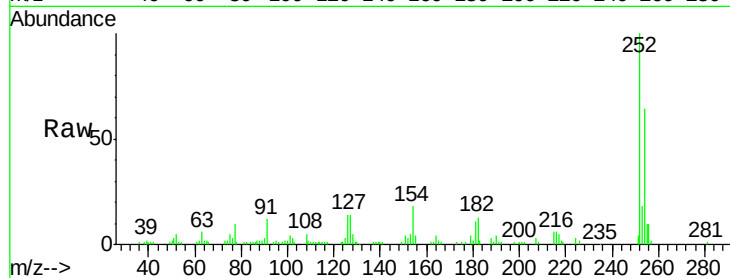
#81
 3,3'-Dichlorobenzidine
 Concen: 28.72 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.14 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.0	50.8	76.2
126	14.4	9.0	13.6

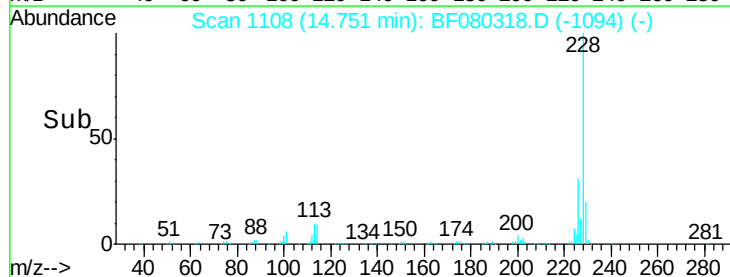
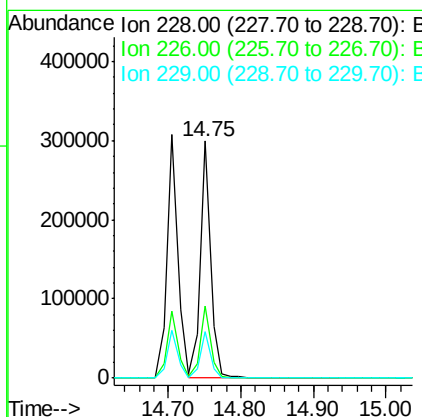
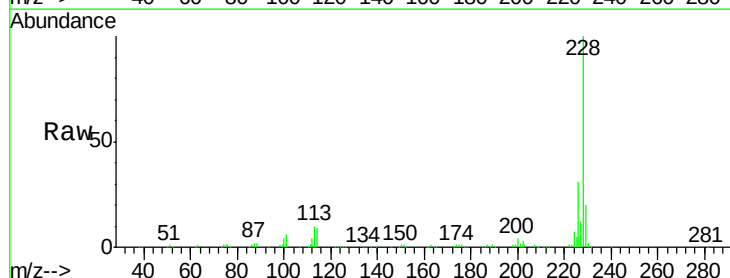
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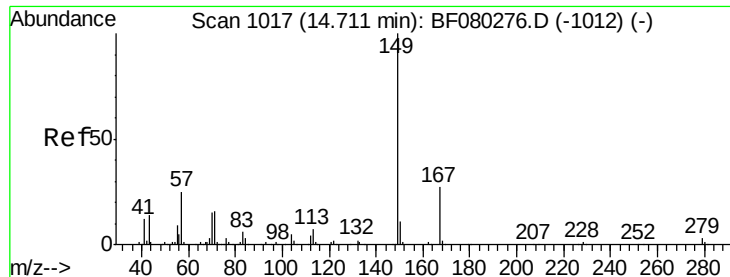
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#82
 Chrysene
 Concen: 39.37 ng
 RT: 14.75 min Scan# 1108
 Delta R.T. -0.14 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.0	36.0
229	19.8	15.4	23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.44 ng

RT: 14.68 min Scan# 1102

Delta R.T. -0.15 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

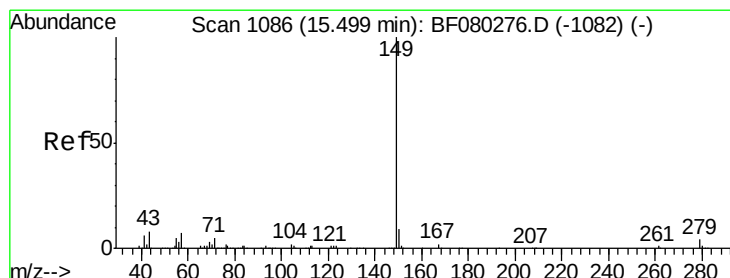
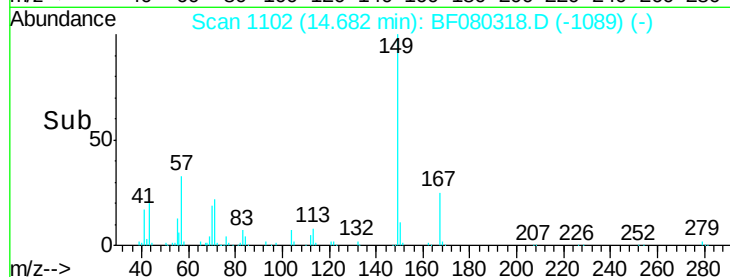
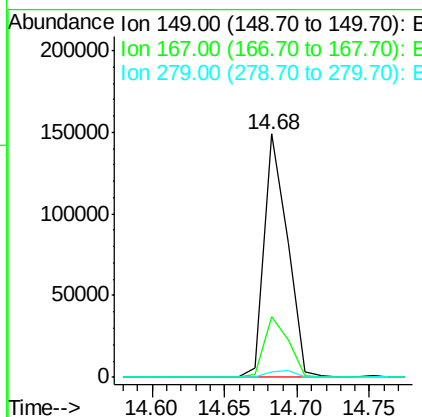
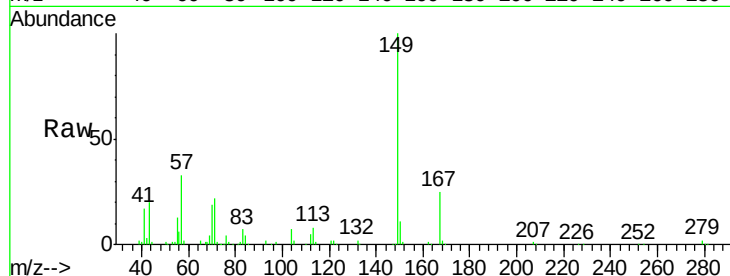
ClientSampleId :

PB84336BS

Tgt Ion:	149	Resp:	166169
Ion Ratio	Lower	Upper	
149	100		
167	24.9	21.7	32.5
279	2.2	2.7	4.1#

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#84

Di-n-octyl phthalate

Concen: 33.58 ng

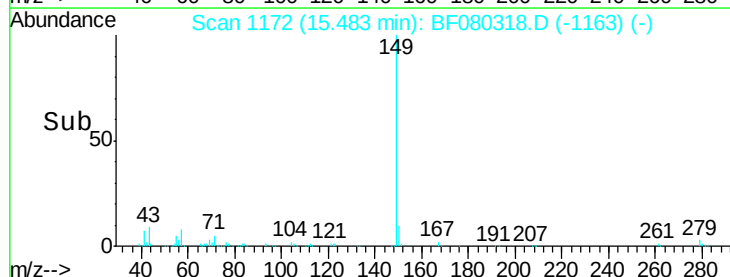
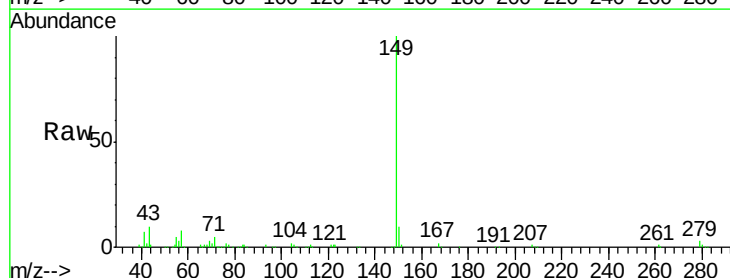
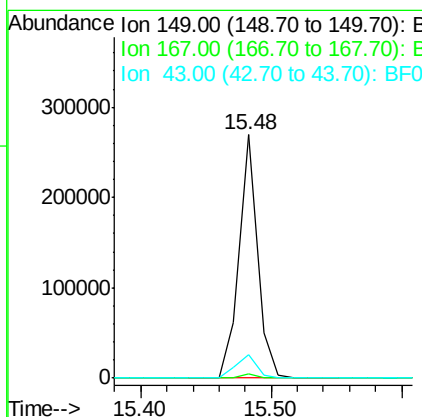
RT: 15.48 min Scan# 1172

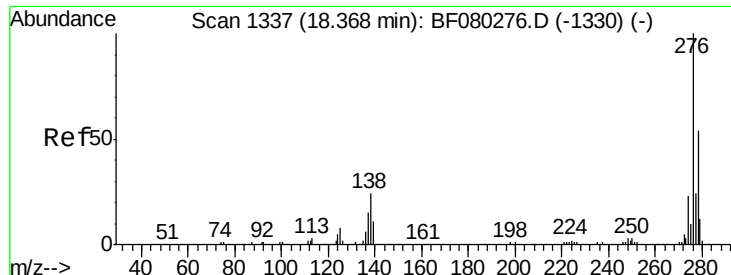
Delta R.T. -0.19 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion:	149	Resp:	265294
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.2	8.3	12.5





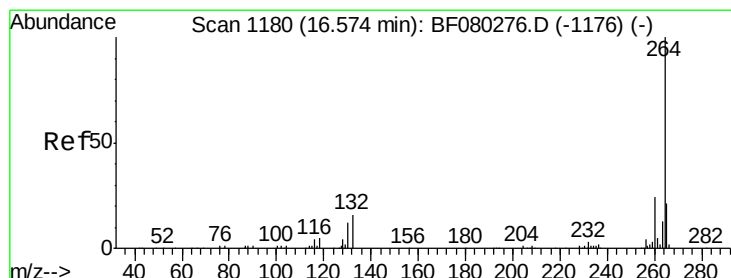
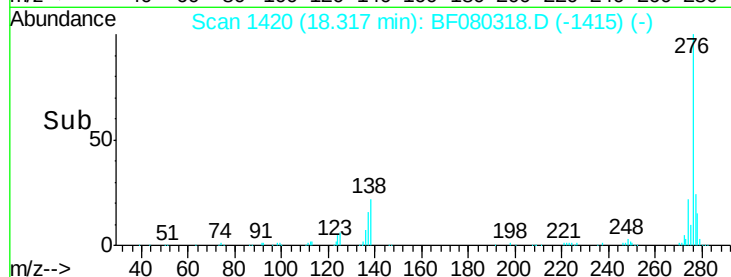
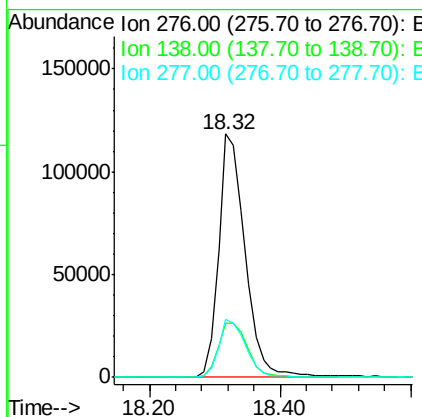
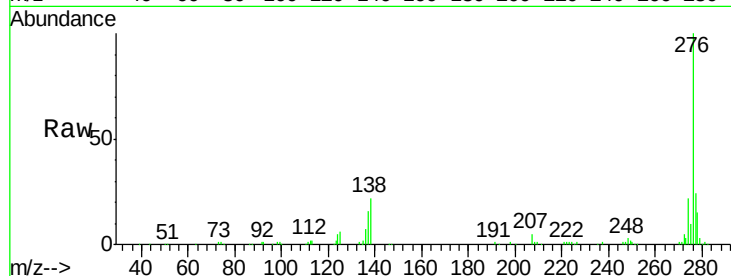
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.35 ng
 RT: 18.32 min Scan# 1420
 Delta R.T. -0.24 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Instrument :
 BNA_F
 ClientSampleId :
 PB84336BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.0	31.6
277	24.4	19.4	29.0

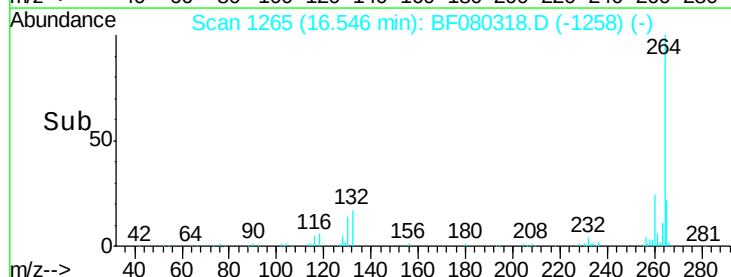
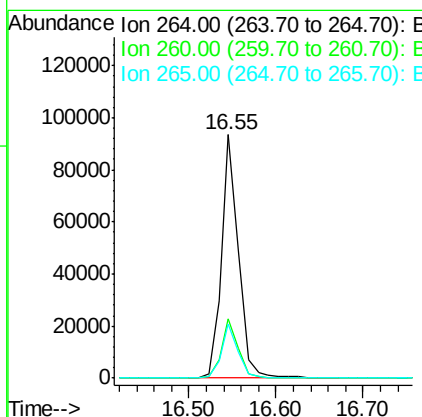
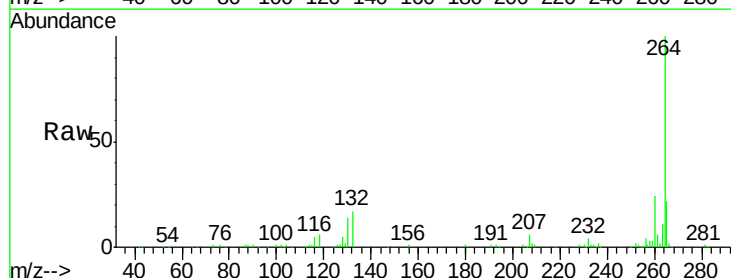
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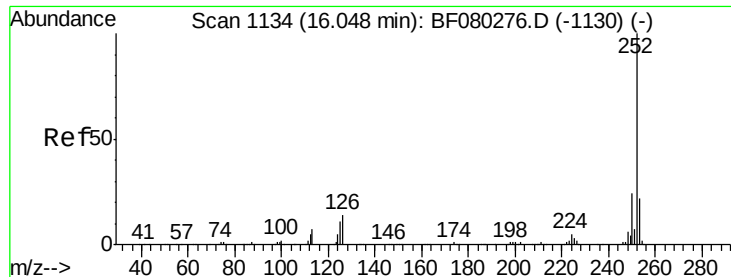
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. -0.22 min
 Lab File: BF080318.D
 Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 36.58 ng

RT: 16.03 min Scan# 1220

Delta R.T. -0.21 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

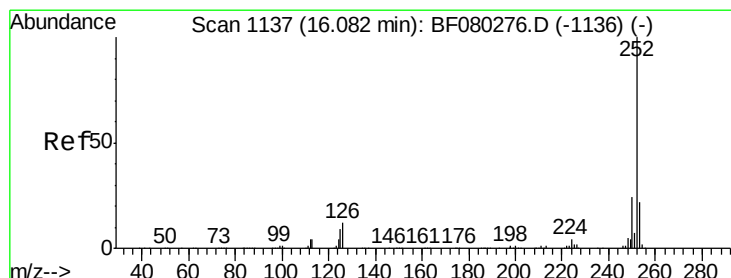
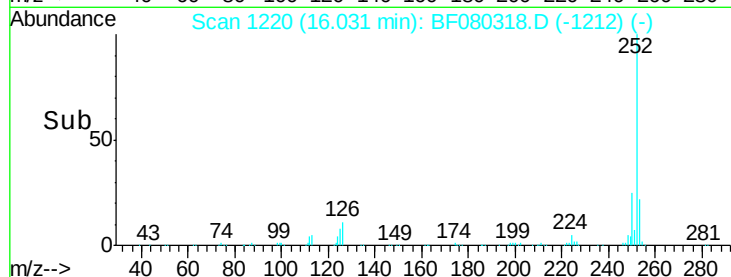
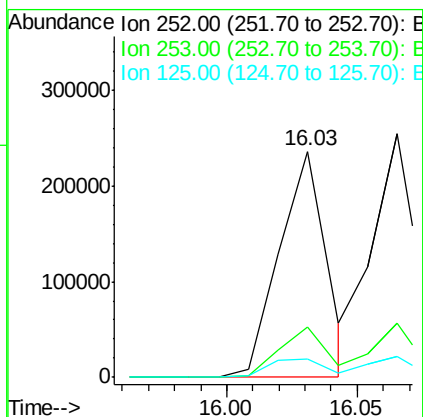
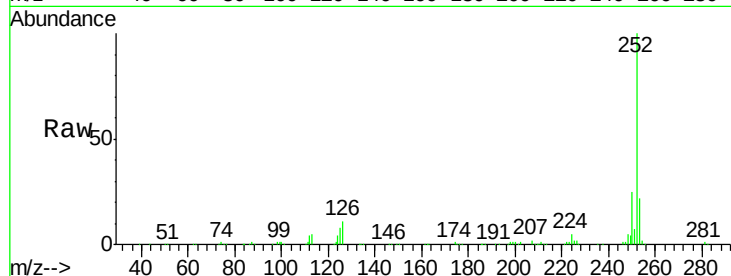
ClientSampleId :

PB84336BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	295906		
253	22.1	17.6	26.4	
125	7.9	8.6	12.8	

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#88

Benzo(k)fluoranthene

Concen: 41.69 ng

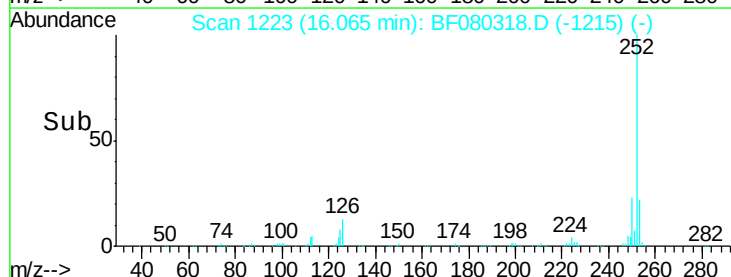
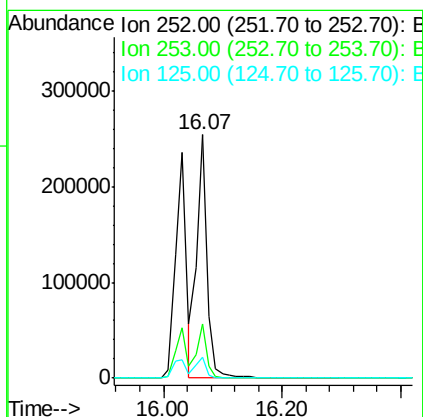
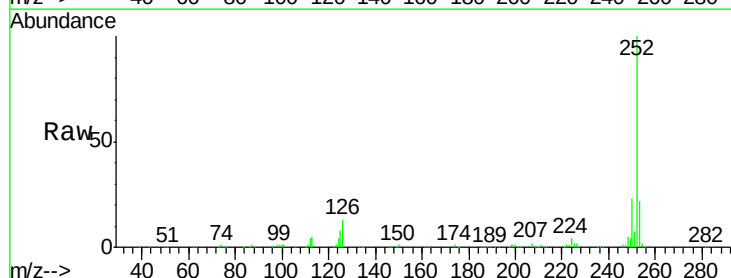
RT: 16.07 min Scan# 1223

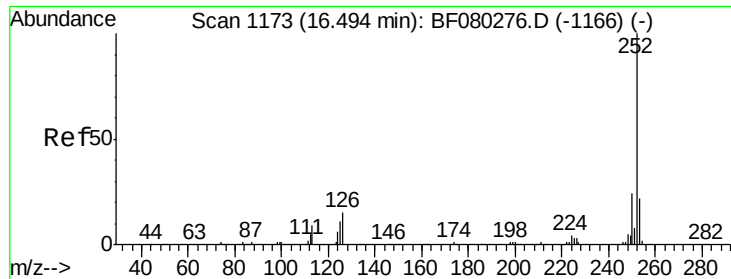
Delta R.T. -0.21 min

Lab File: BF080318.D

Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	317575		
253	22.2	17.4	26.2	
125	8.5	8.4	12.6	





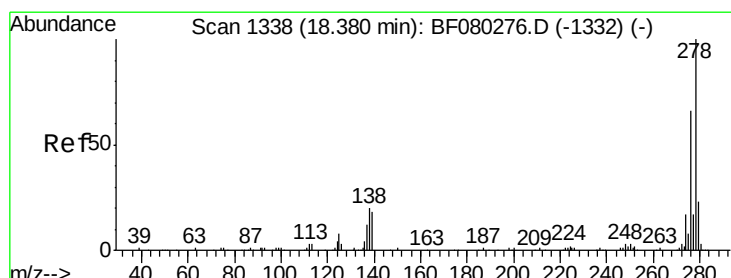
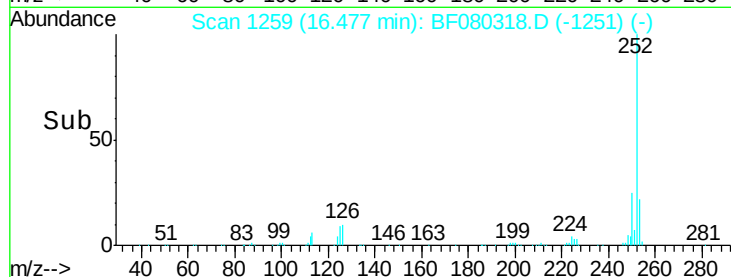
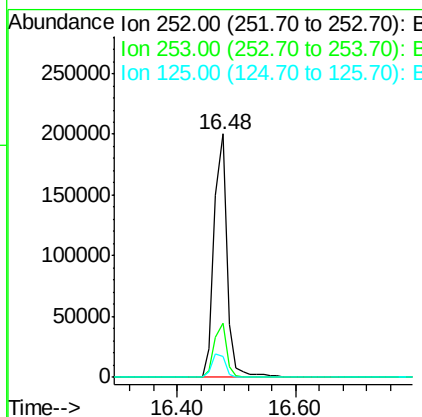
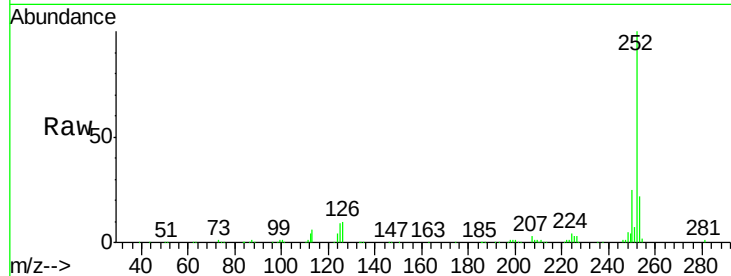
#89
Benzo(a)pyrene
Concen: 41.32 ng
RT: 16.48 min Scan# 1259
Delta R.T. -0.21 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Instrument :
BNA_F
ClientSampleId :
PB84336BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	8.5	9.0	13.4

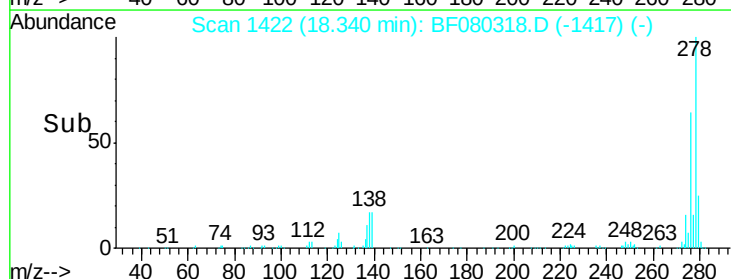
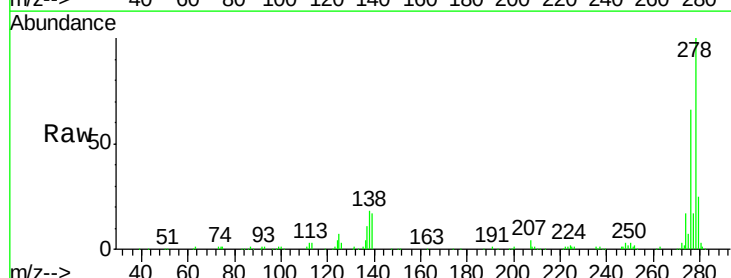
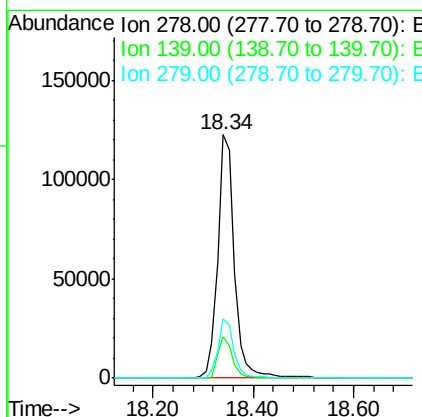
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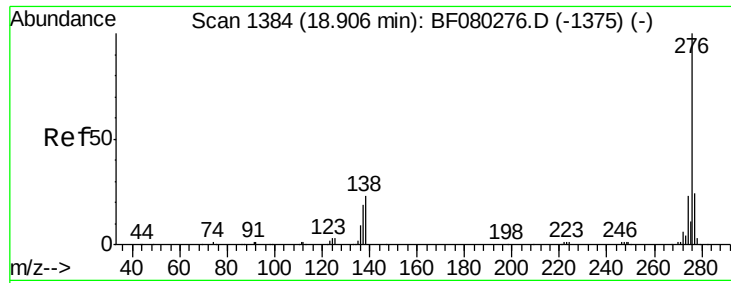
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#90
Dibenzo(a,h)anthracene
Concen: 41.12 ng
RT: 18.34 min Scan# 1422
Delta R.T. -0.24 min
Lab File: BF080318.D
Acq: 2 Jul 2015 19:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.6	21.8
279	24.6	18.7	28.1





#91

Benzo(g,h,i)perylene

Concen: 40.29 ng

RT: 18.85 min Scan# 1467

Delta R.T. -0.24 min

Lab File: BF080318.D

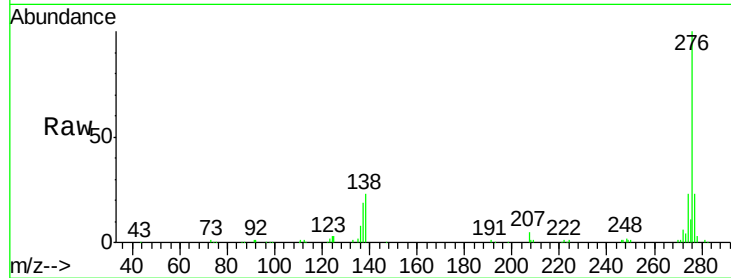
Acq: 2 Jul 2015 19:58

Instrument :

BNA_F

ClientSampleId :

PB84336BS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		290751		
277	22.9	19.0	28.6		
138	22.7	18.1	27.1		

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