

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080315\
 Data File : BF080823.D
 Acq On : 4 Aug 2015 2:40
 Operator : TP
 Sample : PB84720BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Manual Integrations
 APPROVED

MMDadoda
 8/5/2015 2:28:42 PM

Quant Time: Aug 04 15:18:40 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 14:50:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	146859	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	557878	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	270799	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	405611	20.00	ng	0.00
75) Chrysene-d12	13.99	240	245533	20.00	ng	0.00
86) Perylene-d12	15.39	264	237093	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	916986	103.66	ng	0.00
7) Phenol-d6	6.46	99	1265041	106.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	898605	79.10	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	323758	124.29	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1451712	80.65	ng	0.00
78) Terphenyl-d14	12.93	244	1085390	88.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	115029	25.38	ng	99
3) Pyridine	3.22	79	361383	30.28	ng	98
4) n-Nitrosodimethylamine	3.16	42	228002	34.39	ng	97
6) Aniline	6.50	93	578483	34.01	ng	98
8) 2-Chlorophenol	6.61	128	364058	37.37	ng	# 68
9) Benzaldehyde	6.37	77	67031	7.38	ng	83
10) Phenol	6.48	94	463245	33.47	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	379149	38.12	ng	84
12) 1,3-Dichlorobenzene	6.77	146	395199	36.11	ng	98
13) 1,4-Dichlorobenzene	6.85	146	422167	38.69	ng	98
14) 1,2-Dichlorobenzene	7.00	146	356809m	35.31	ng	
15) Benzyl Alcohol	6.98	79	267117	32.97	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	737773	37.51	ng	98
17) 2-Methylphenol	7.09	107	328486	38.21	ng	99
18) Hexachloroethane	7.34	117	142229	35.37	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	299466	38.97	ng	96
20) 3+4-Methylphenols	7.24	107	380086	38.05	ng	98
22) Acetophenone	7.24	105	492069	36.18	ng	# 77
24) Nitrobenzene	7.41	77	391993	33.96	ng	# 84
25) Isophorone	7.65	82	716071	35.28	ng	95
26) 2-Nitrophenol	7.73	139	187400	37.98	ng	94
27) 2,4-Dimethylphenol	7.78	122	362462	38.56	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	458927	37.46	ng	99
29) 2,4-Dichlorophenol	7.97	162	320356	40.60	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	321656	37.47	ng	97
31) Naphthalene	8.14	128	1027336	37.44	ng	99
32) Benzoic acid	7.88	122	201217	35.41	ng	93
33) 4-Chloroaniline	8.19	127	408536	35.34	ng	97
34) Hexachlorobutadiene	8.26	225	190687	36.19	ng	99
35) Caprolactam	8.54	113	88012	40.15	ng	# 55
36) 4-Chloro-3-methylphenol	8.67	107	366615	43.28	ng	99
37) 2-Methylnaphthalene	8.83	142	732897	42.60	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	301485	34.95	ng	99
40) Hexachlorocyclopentadiene	8.99	237	439489	83.81	ng	98

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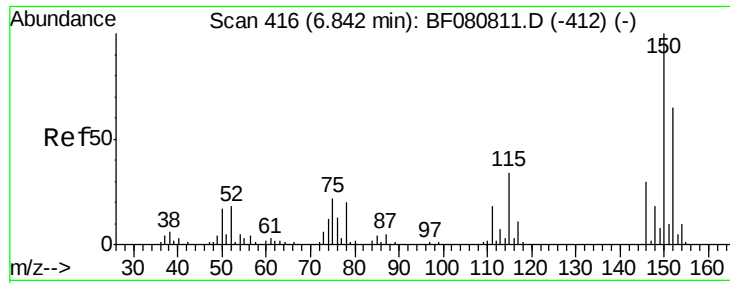
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	218492	35.77	ng	99
43) 2,4,5-Trichlorophenol	9.15	196	260603	43.50	ng #	86
45) 1,1'-Biphenyl	9.30	154	838530	40.91	ng	98
46) 2-Chloronaphthalene	9.32	162	654856	38.61	ng	97
47) 2-Nitroaniline	9.41	65	274341	43.71	ng	95
48) Acenaphthylene	9.73	152	1088723	40.99	ng	99
49) Dimethylphthalate	9.60	163	736286	40.78	ng	100
50) 2,6-Dinitrotoluene	9.65	165	155628	39.76	ng	96
51) Acenaphthene	9.90	154	751186	46.88	ng	98
52) 3-Nitroaniline	9.82	138	164657	35.92	ng	90
53) 2,4-Dinitrophenol	9.93	184	202007	94.74	ng #	81
54) Dibenzofuran	10.08	168	907461	42.95	ng	100
55) 4-Nitrophenol	9.98	139	267796	83.26	ng #	79
56) 2,4-Dinitrotoluene	10.05	165	192898	39.13	ng	97
57) Fluorene	10.42	166	713252	43.46	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	200090	46.63	ng	94
59) Diethylphthalate	10.29	149	673997	38.86	ng	99
60) 4-Chlorophenyl-phenylether	10.41	204	304126	37.49	ng	98
61) 4-Nitroaniline	10.43	138	150073	36.01	ng	96
62) Azobenzene	10.57	77	822624	40.97	ng	98
64) 4,6-Dinitro-2-methylphenol	10.46	198	121496	46.15	ng	97
65) n-Nitrosodiphenylamine	10.53	169	642478	45.42	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	198164	44.54	ng	96
67) Hexachlorobenzene	10.97	284	231536	46.11	ng	97
68) Atrazine	11.06	200	164627	50.77	ng	98
69) Pentachlorophenol	11.15	266	245420	90.86	ng	93
70) Phenanthrene	11.38	178	931635	44.13	ng	98
71) Anthracene	11.42	178	922928	44.08	ng	99
72) Carbazole	11.58	167	777660	43.42	ng	98
73) Di-n-butylphthalate	11.92	149	962121	44.38	ng	99
74) Fluoranthene	12.56	202	884657	44.14	ng	98
76) Benzidine	12.68	184	428916	59.23	ng	98
77) Pyrene	12.78	202	925211	50.78	ng	98
79) Butylbenzylphthalate	13.41	149	358825	50.17	ng	95
80) Benzo(a)anthracene	13.97	228	660395	47.46	ng	99
81) 3,3'-Dichlorobenzidine	13.94	252	209796	42.37	ng	97
82) Chrysene	14.01	228	673616	49.51	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	451729	51.20	ng	100
84) Di-n-octyl phthalate	14.58	149	703660	50.44	ng	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	684125	54.98	ng	100
87) Benzo(b)fluoranthene	14.99	252	589780m	42.46	ng	
88) Benzo(k)fluoranthene	15.01	252	516487m	42.60	ng	
89) Benzo(a)pyrene	15.33	252	540889	45.63	ng	98
90) Dibenzo(a,h)anthracene	16.79	278	569380	49.51	ng	99
91) Benzo(g,h,i)perylene	17.17	276	600064	49.92	ng #	95

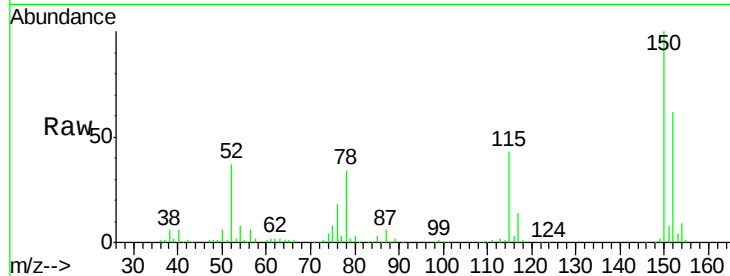
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

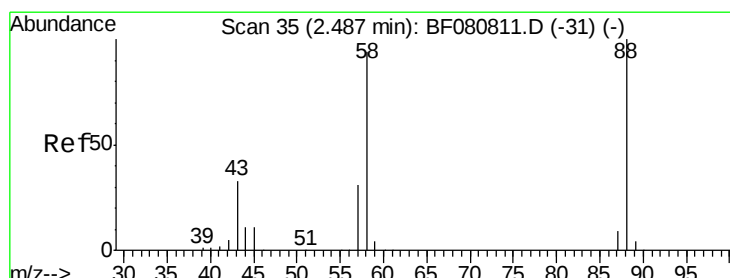
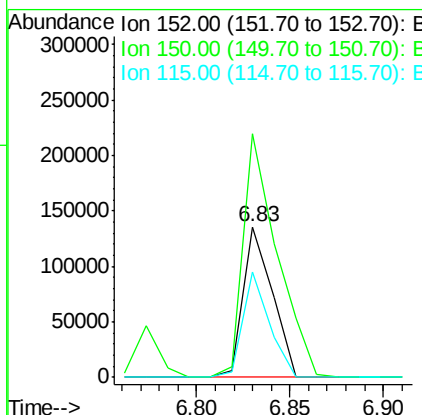
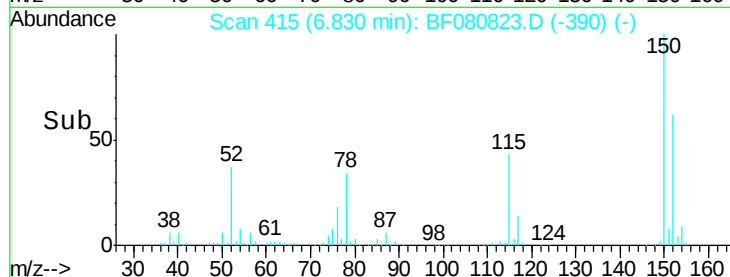
Instrument :
BNA_F
ClientSampleId :
PB84720BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.6	122.9	184.3
115	69.6	42.0	63.0

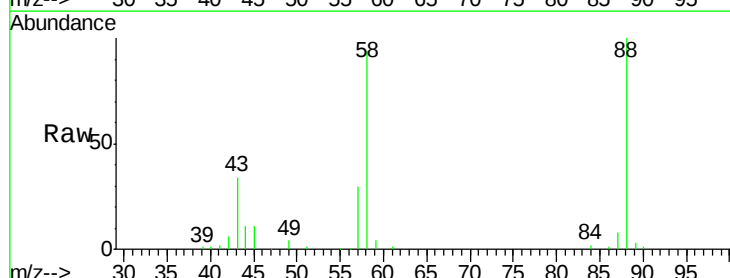
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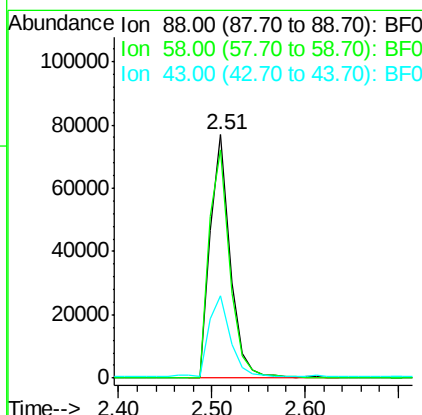
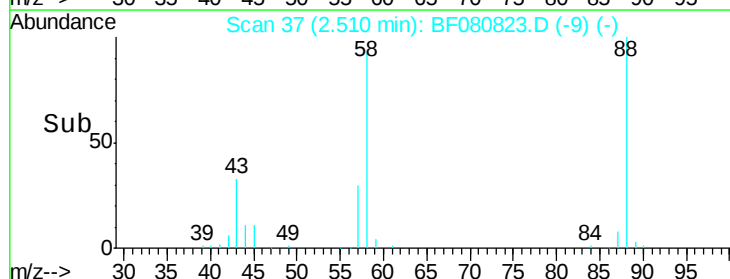


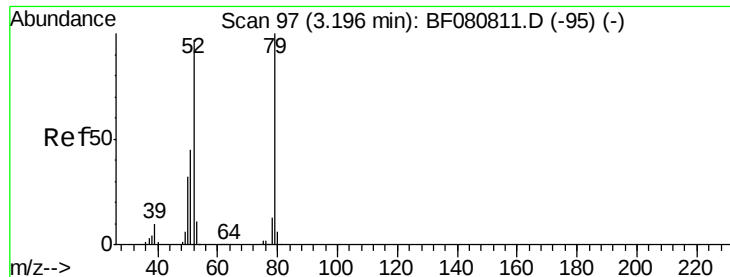
#2

1,4-Dioxane
Concen: 25.38 ng
RT: 2.51 min Scan# 37
Delta R.T. 0.02 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40



Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	78.2	117.4
43	35.8	27.6	41.4





#3

Pyridine

Concen: 30.28 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.02 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

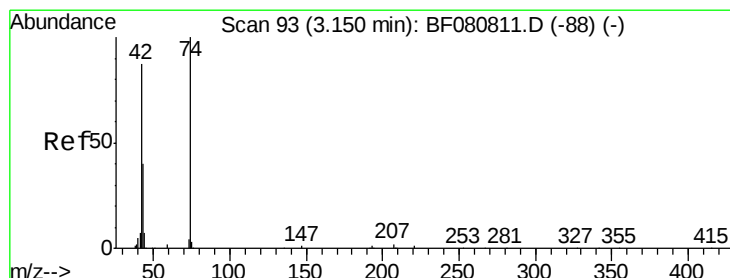
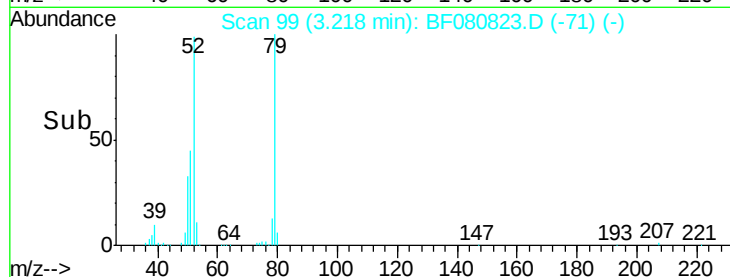
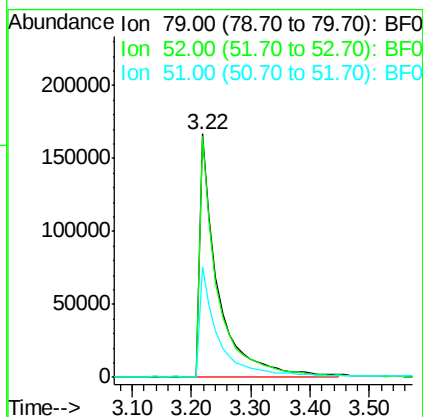
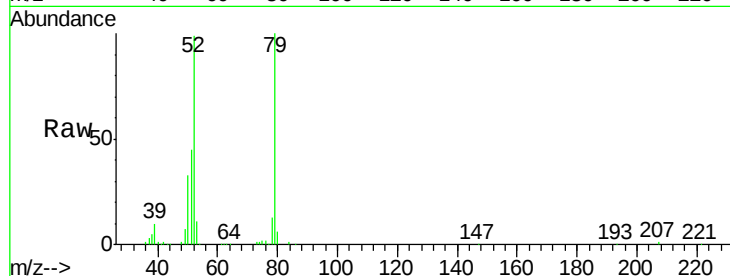
ClientSampleId :

PB84720BS

Tgt Ion:	79	Resp:	361383
Ion Ratio	Lower	Upper	
79	100		
52	99.0	77.7	116.5
51	45.3	35.8	53.8

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#4

n-Nitrosodimethylamine

Concen: 34.39 ng

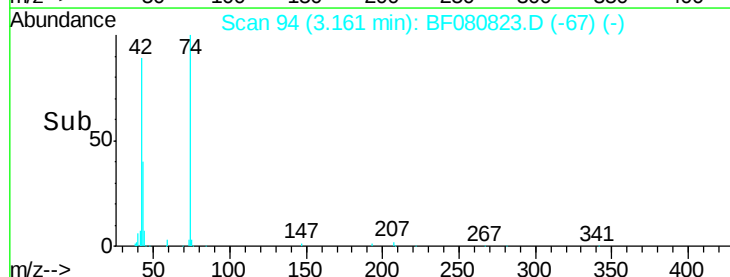
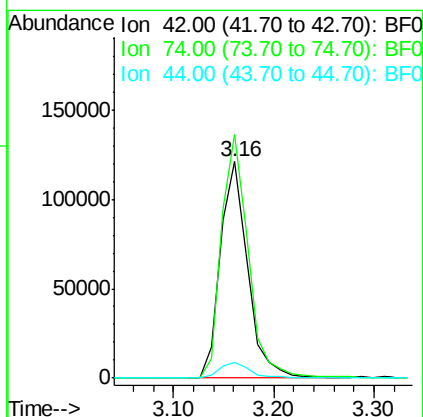
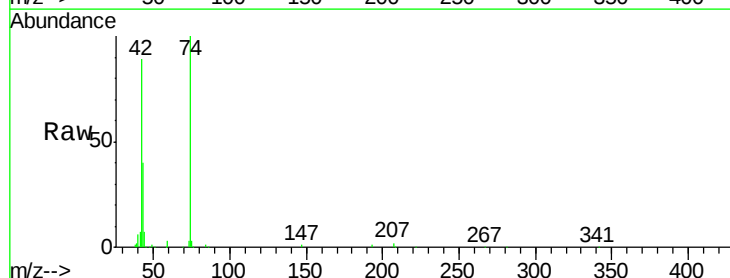
RT: 3.16 min Scan# 94

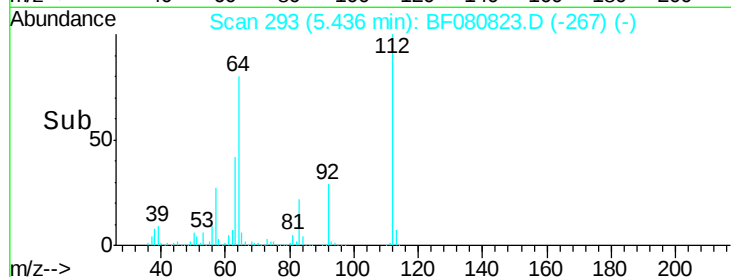
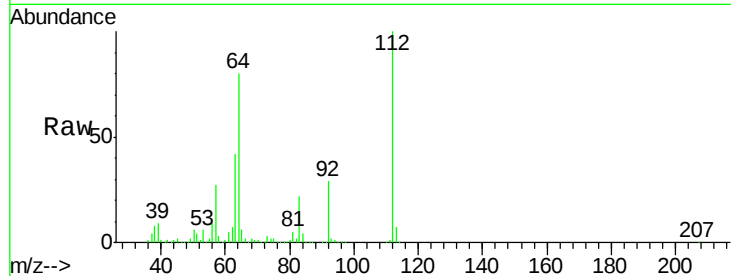
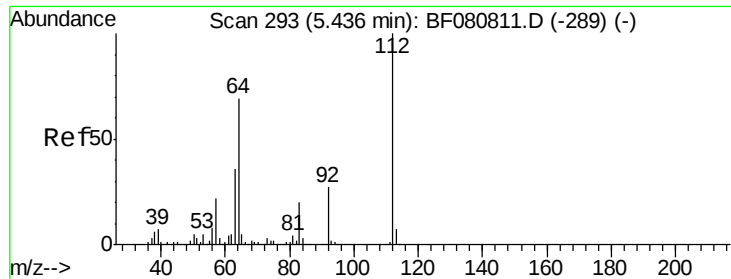
Delta R.T. 0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	42	Resp:	228002
Ion Ratio	Lower	Upper	
42	100		
74	112.5	92.4	138.6
44	7.6	6.2	9.2





#5

2-Fluorophenol

Concen: 103.66 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	112	Resp:	916986
Ion Ratio	Lower	Upper	
112	100		
64	80.0	55.0	82.4
63	42.3	28.6	42.8

Instrument :

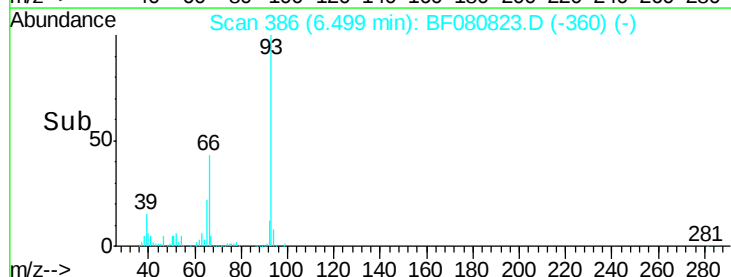
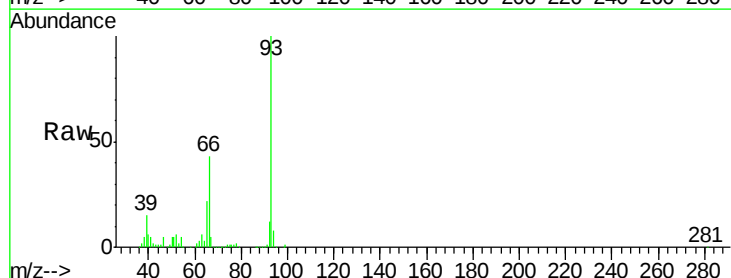
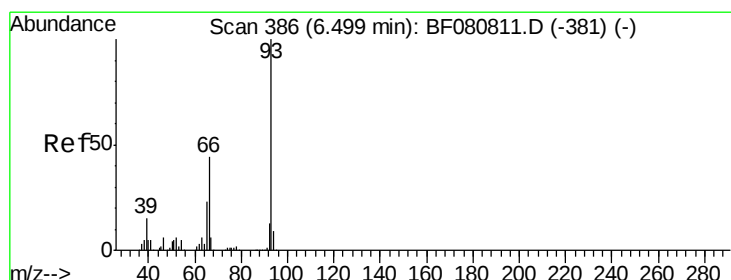
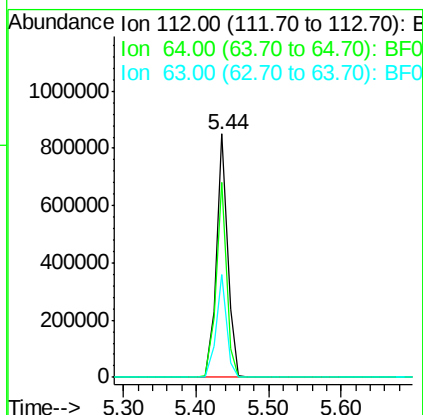
BNA_F

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#6

Aniline

Concen: 34.01 ng

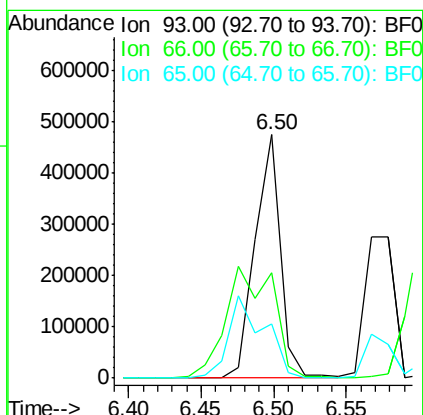
RT: 6.50 min Scan# 386

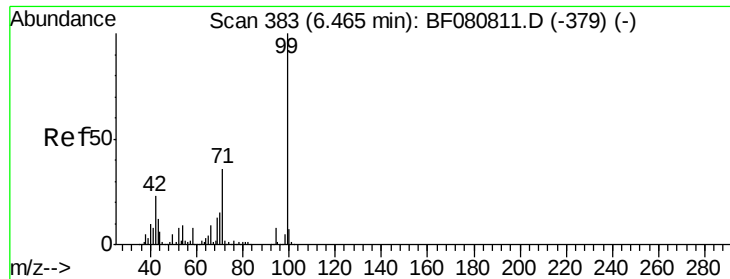
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	93	Resp:	578483
Ion Ratio	Lower	Upper	
93	100		
66	43.0	35.3	52.9
65	22.1	18.7	28.1





#7

Phenol-d6

Concen: 106.36 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080823.D

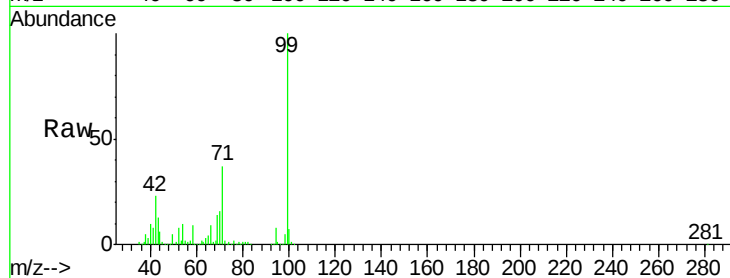
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS



Tgt Ion: 99 Resp: 1265041

Ion Ratio Lower Upper

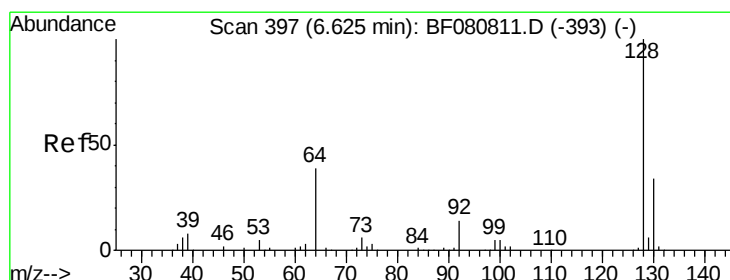
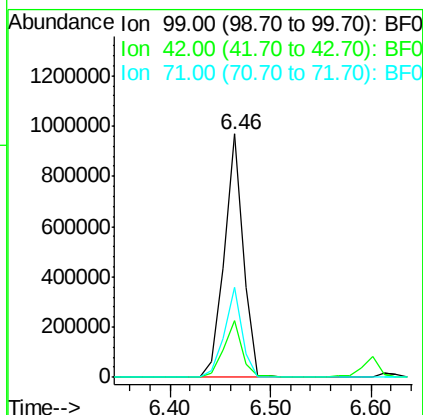
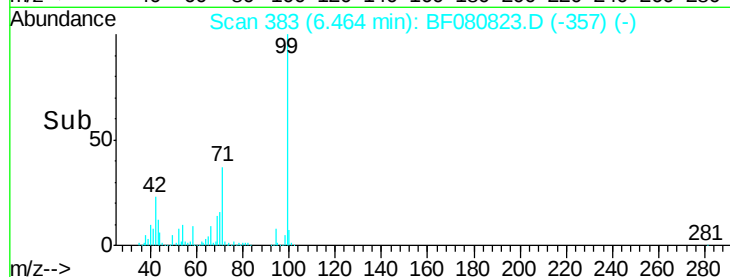
99 100

42 23.3 18.4 27.6

71 37.1 28.7 43.1

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#8

2-Chlorophenol

Concen: 37.37 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

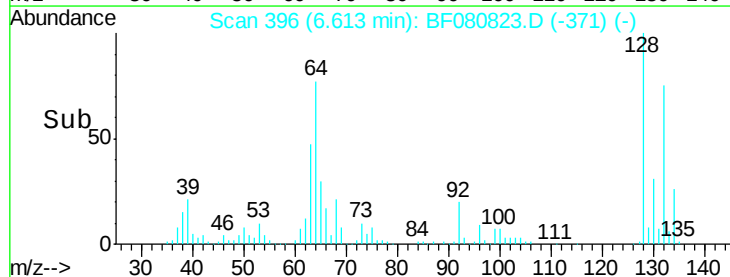
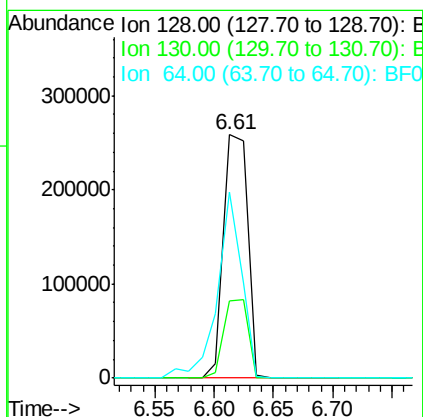
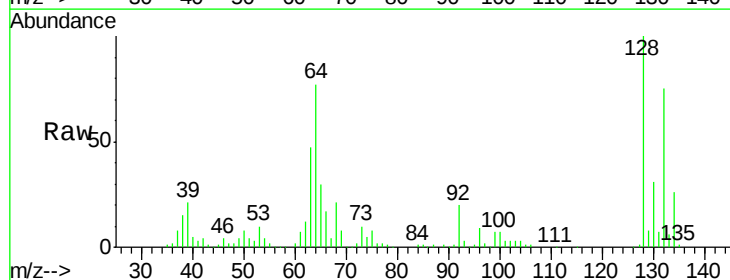
Tgt Ion: 128 Resp: 364058

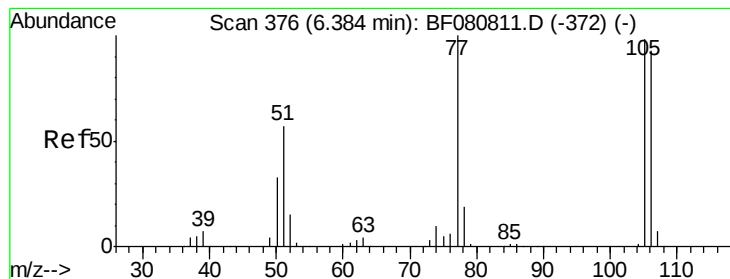
Ion Ratio Lower Upper

128 100

130 31.5 14.1 54.1

64 76.6 22.3 62.3#





#9

Benzaldehyde

Concen: 7.38 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF080823.D

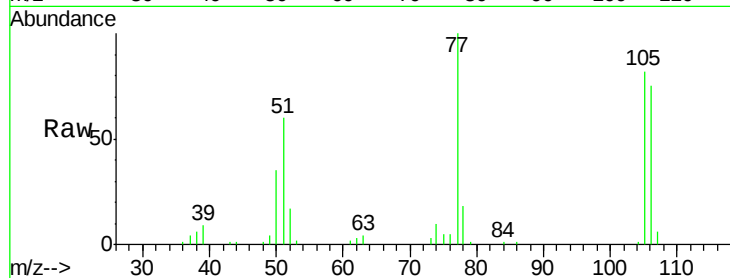
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

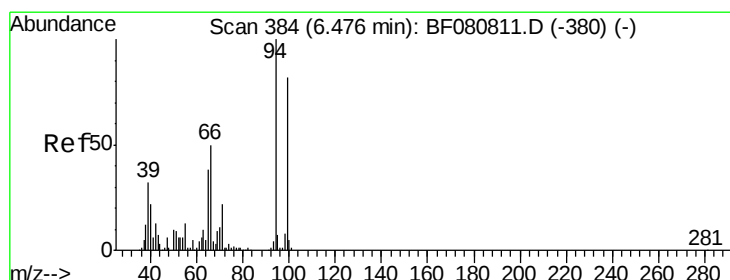
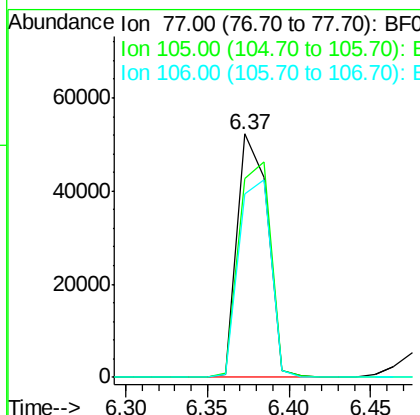
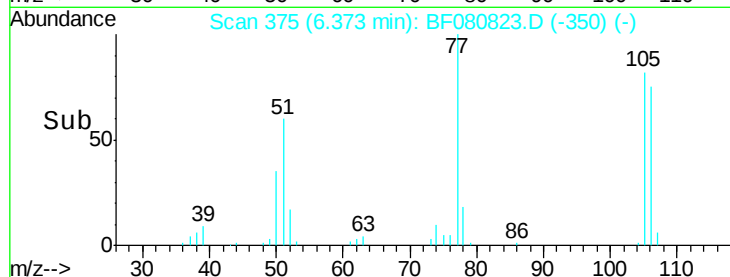
PB84720BS



Tgt Ion:	77	Resp:	67031
Ion	Ratio	Lower	Upper
77	100		
105	81.6	78.1	118.1
106	75.1	72.7	112.7

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#10

Phenol

Concen: 33.47 ng

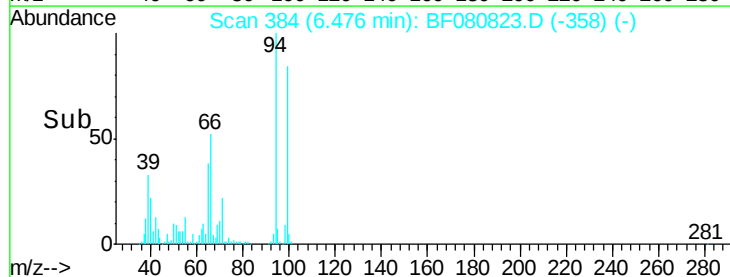
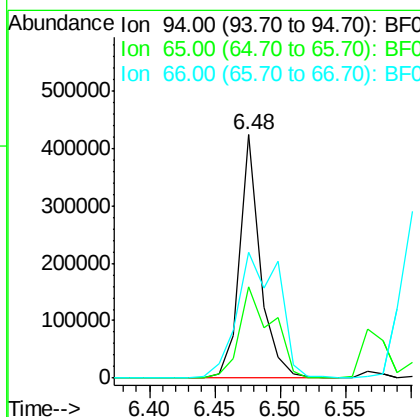
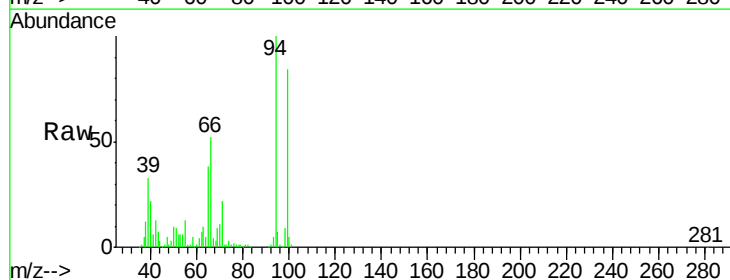
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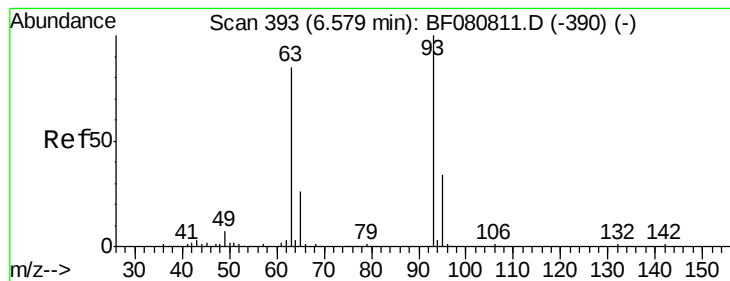
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	94	Resp:	463245
Ion	Ratio	Lower	Upper
94	100		
65	37.6	17.5	57.5
66	51.5	29.6	69.6





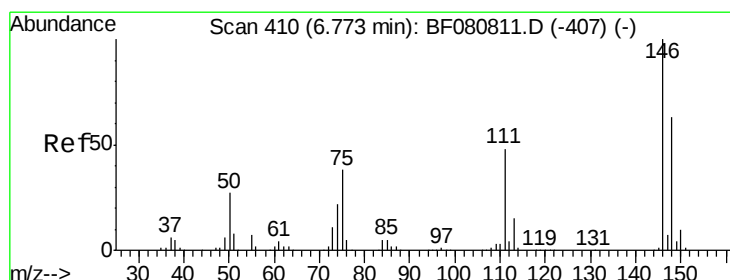
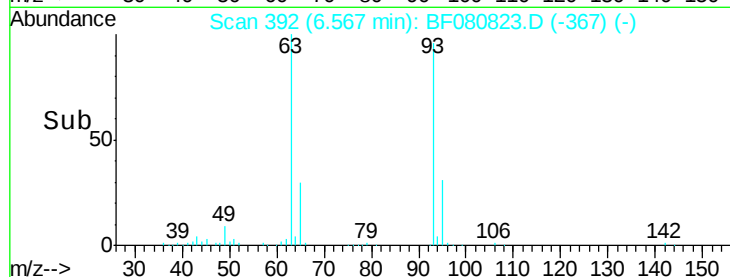
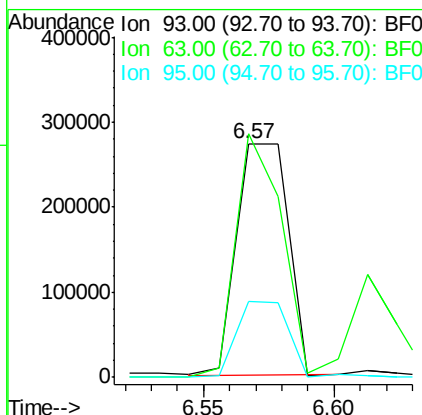
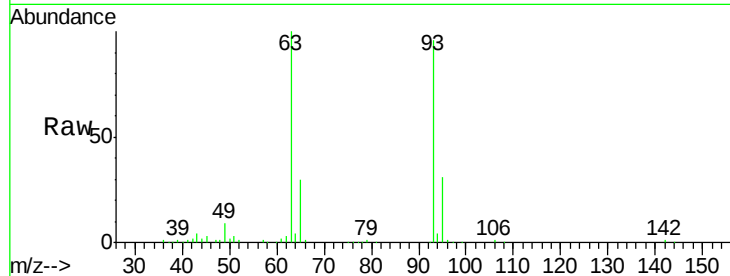
#11
bis(2-Chloroethyl)ether
Concen: 38.12 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	379149		
63	104.1	64.9	104.9	
95	32.3	13.4	53.4	

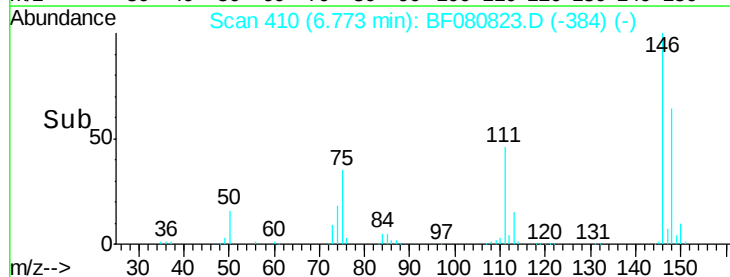
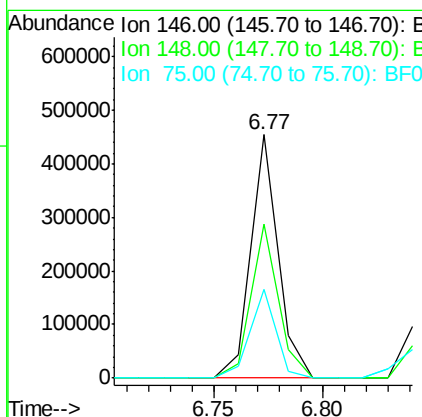
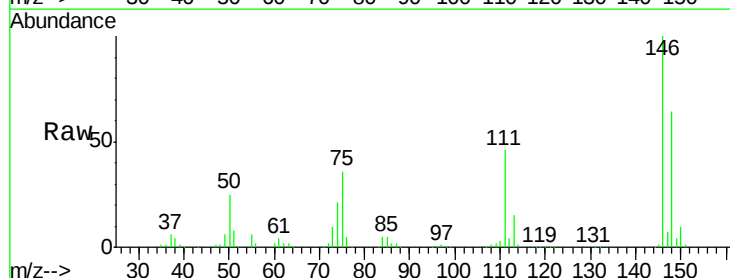
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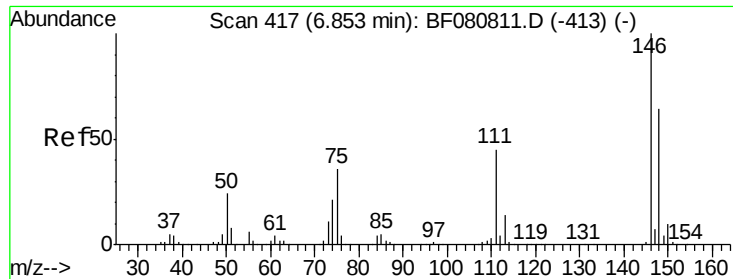
MMDadoda
8/5/2015 2:28:42 PM



#12
1,3-Dichlorobenzene
Concen: 36.11 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395199		
148	63.5	50.5	75.7	
75	36.5	30.7	46.1	





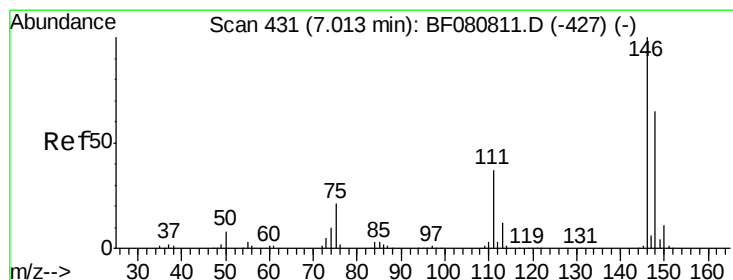
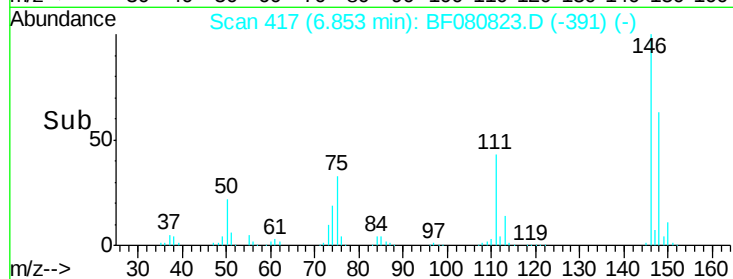
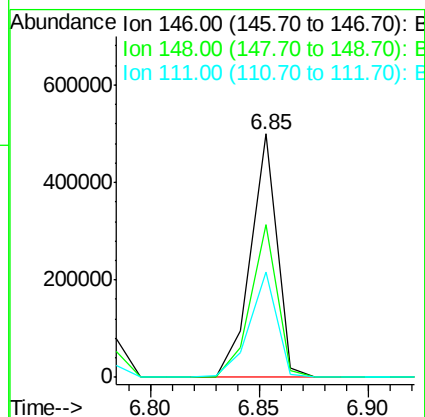
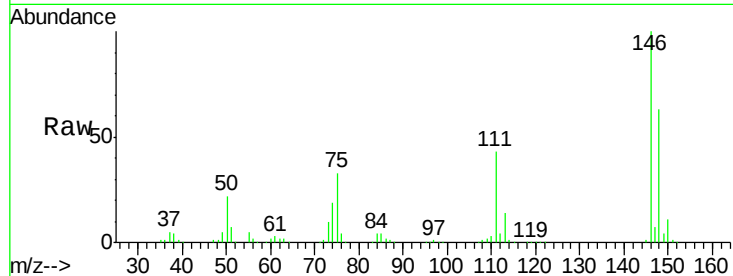
#13
 1,4-Dichlorobenzene
 Concen: 38.69 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
111	43.2	35.8	53.8

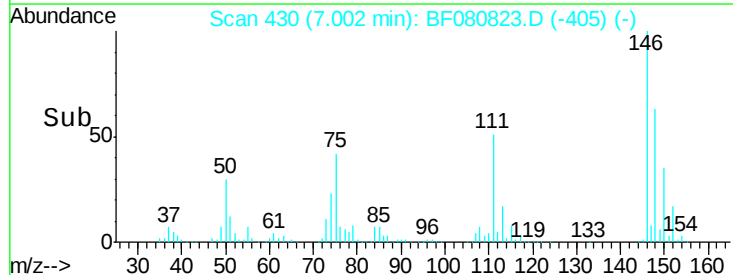
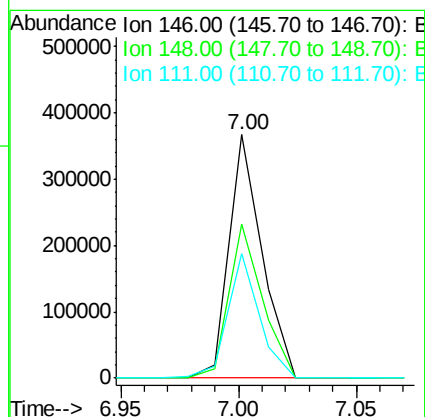
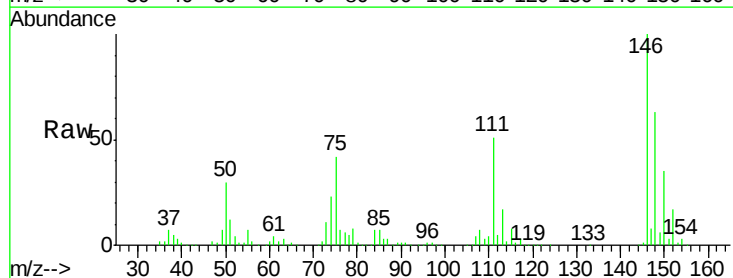
Manual Integrations
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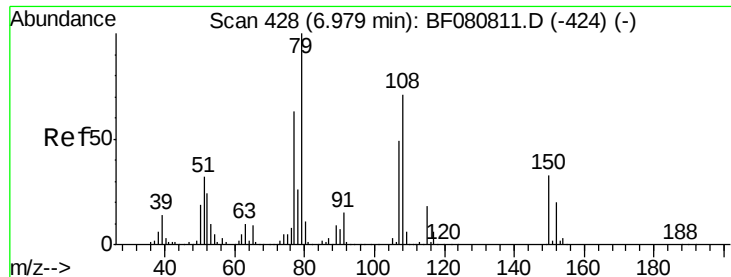
MMDadoda
 8/5/2015 2:28:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 35.31 ng m
 RT: 7.00 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.0	78.0
111	51.1	29.3	43.9#





#15

Benzyl Alcohol

Concen: 32.97 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

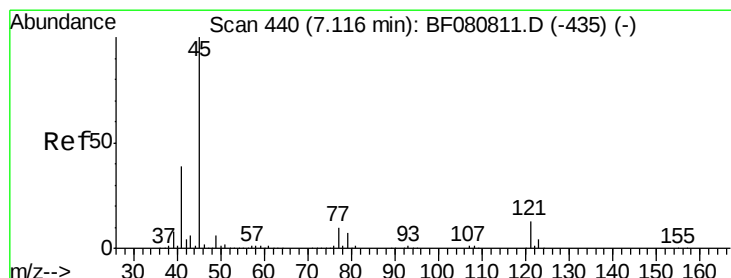
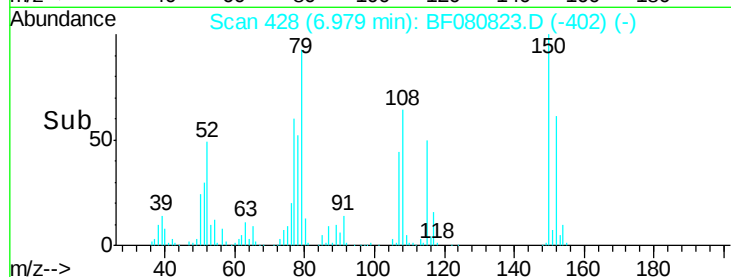
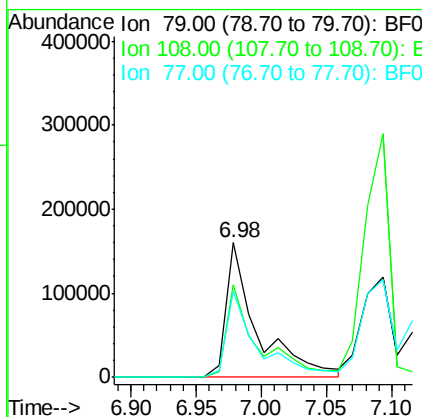
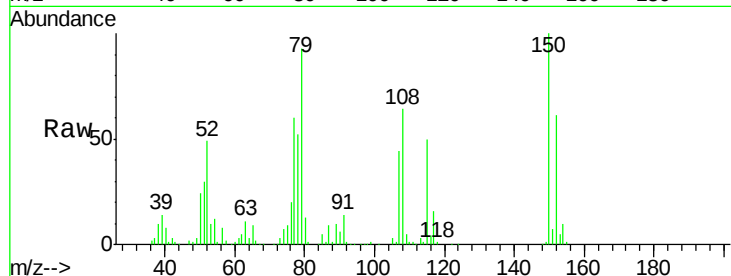
ClientSampleId :

PB84720BS

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MMDadoda
8/5/2015 2:28:42 PM

Tgt Ion:	79	Resp:	267117
Ion Ratio	Lower	Upper	
79	100		
108	68.8	56.9	85.3
77	63.9	50.4	75.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.51 ng

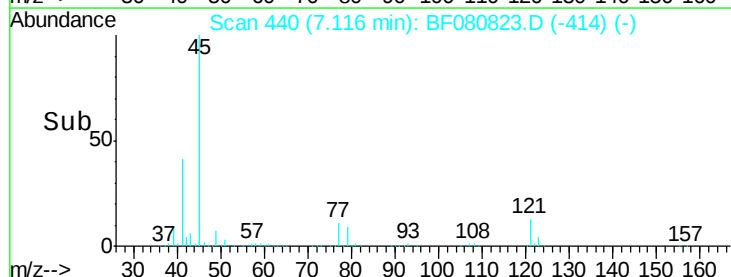
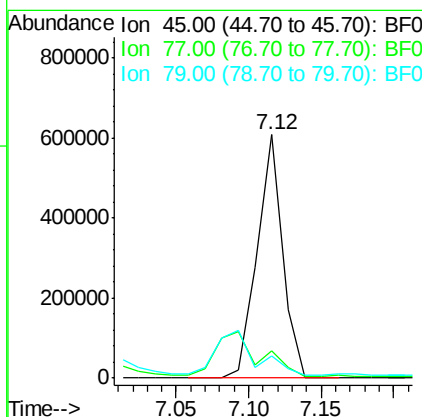
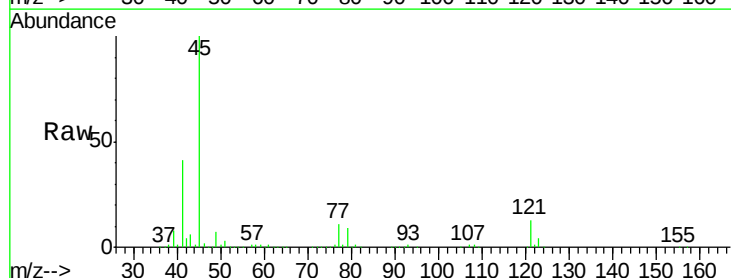
RT: 7.12 min Scan# 440

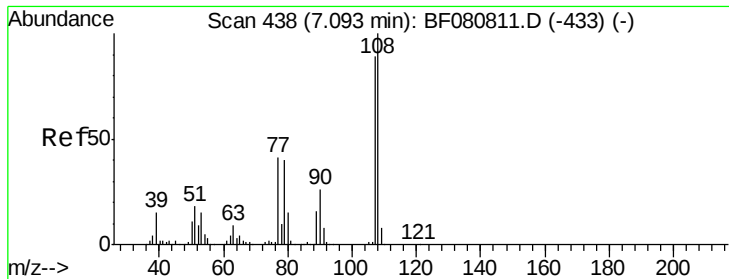
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

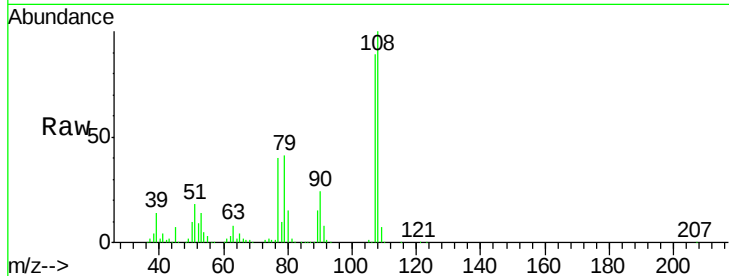
Tgt Ion:	45	Resp:	737773
Ion Ratio	Lower	Upper	
45	100		
77	11.2	0.0	30.5
79	8.9	0.0	28.2





#17
2-Methylphenol
Concen: 38.21 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

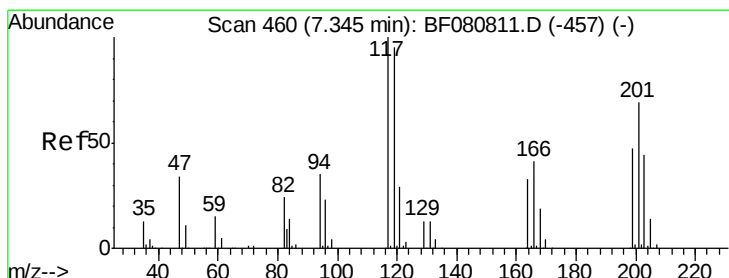
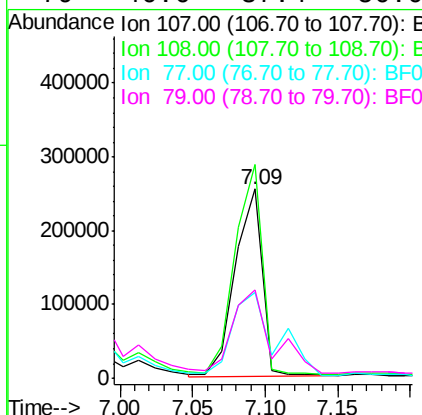
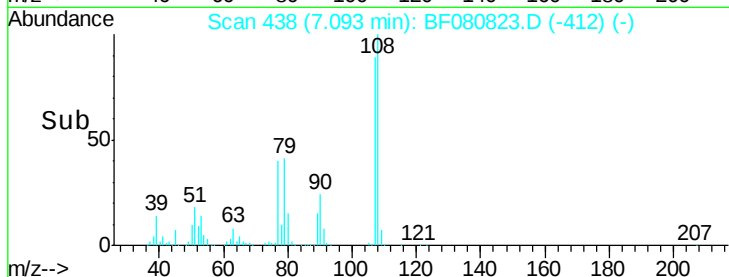
Instrument :
BNA_F
ClientSampleId :
PB84720BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	328486		
108	113.0	90.6	135.8	
77	45.3	37.8	56.8	
79	46.6	37.4	56.0	

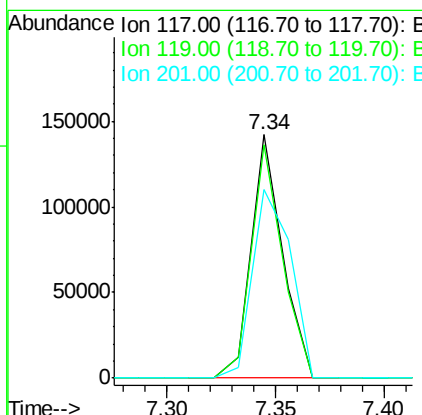
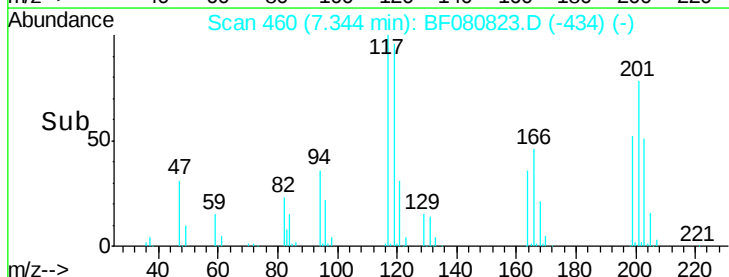
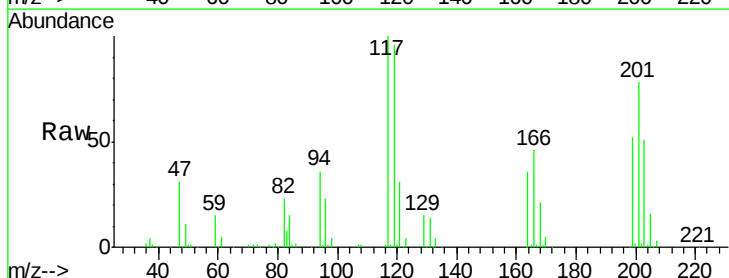
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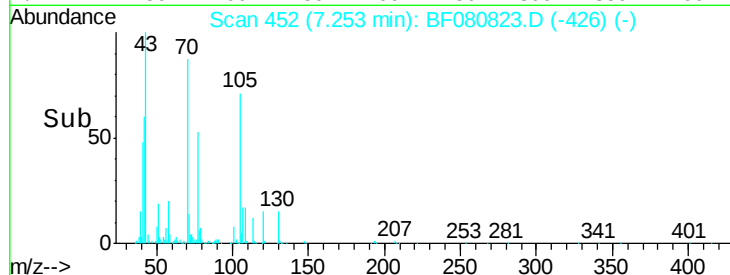
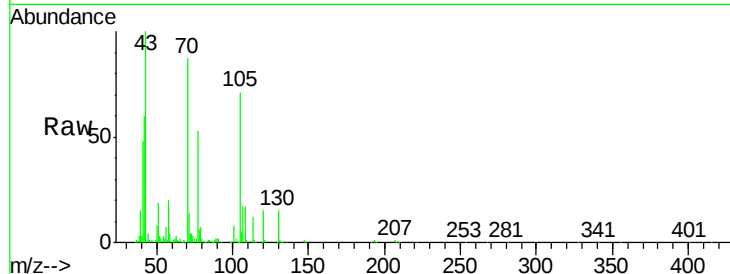
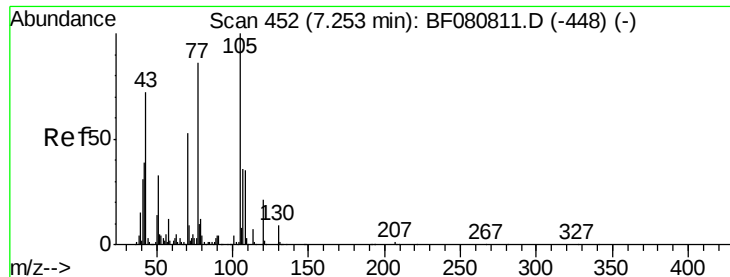
MMDadoda
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#18
Hexachloroethane
Concen: 35.37 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	142229		
119	95.8	76.3	114.5	
201	77.6	55.5	83.3	





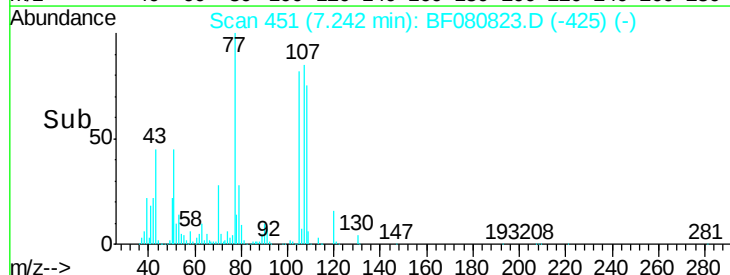
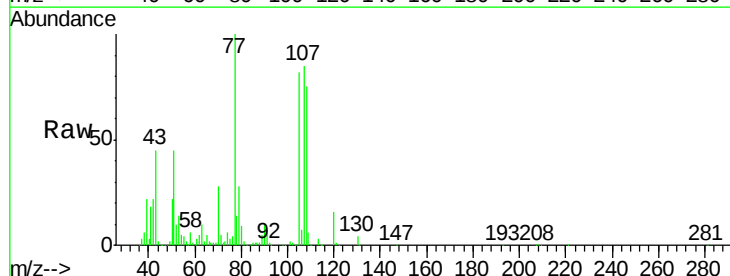
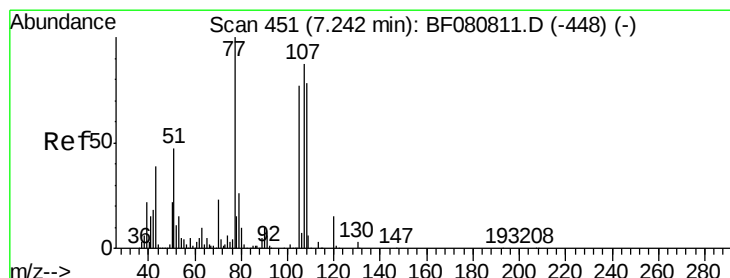
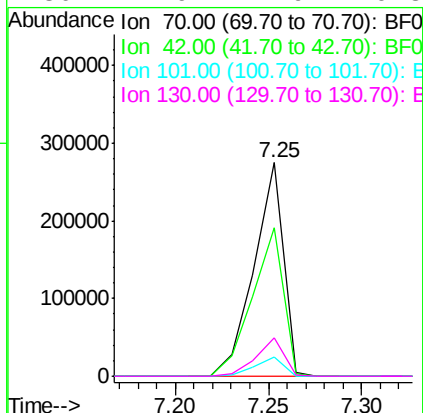
#19
n-Nitroso-di-n-propylamine
Concen: 38.97 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Manual Integrations
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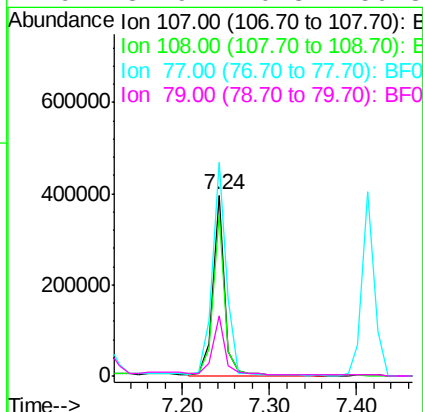
MMDadoda
8/5/2015 2:28:42 PM

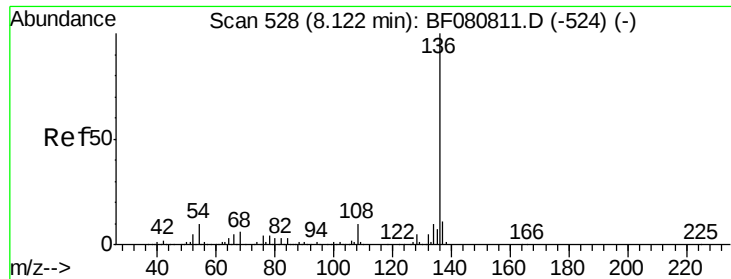
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	299466		
42	69.8	59.1	88.7	
101	8.8	6.6	10.0	
130	17.9	12.9	19.3	



#20
3+4-Methylphenols
Concen: 38.05 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	380086		
108	88.9	69.6	109.6	
77	118.0	94.9	134.9	
79	32.9	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF080823.D

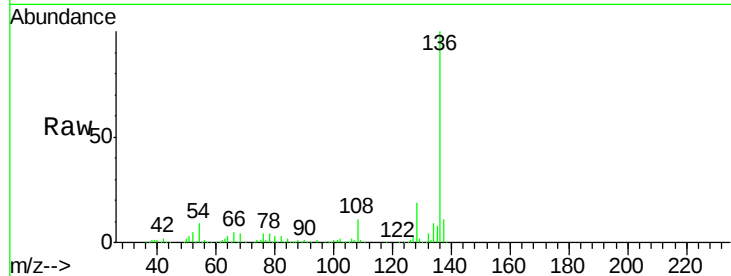
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS



Tgt Ion:136 Resp: 557878

Ion Ratio Lower Upper

136 100

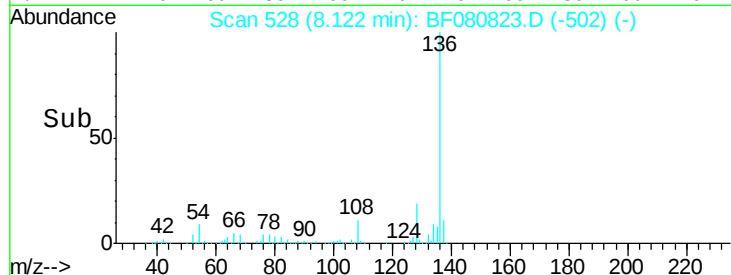
137 10.9 8.8 13.2

54 8.9 7.9 11.9

68 4.4 4.4 6.6

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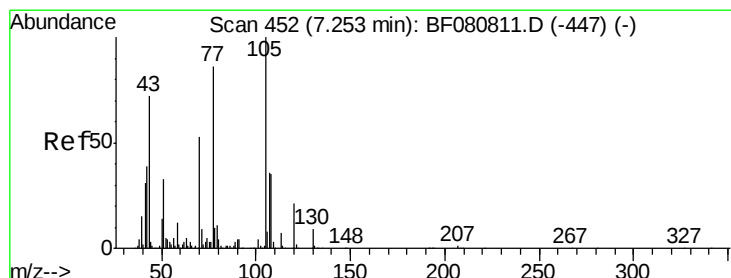
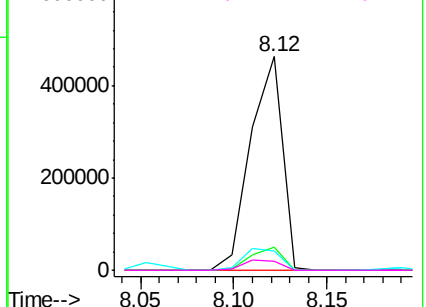


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.18 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:105 Resp: 492069

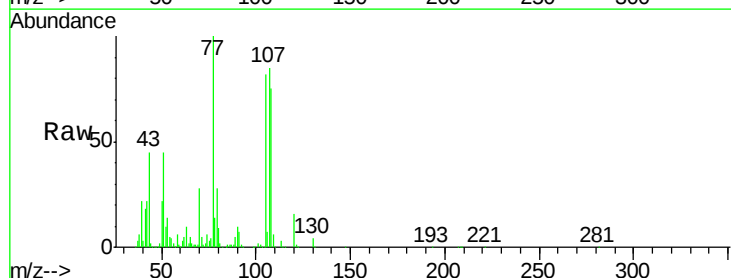
Ion Ratio Lower Upper

105 100

71 5.6 7.1 10.7#

51 54.9 26.5 39.7#

120 18.9 17.0 25.6

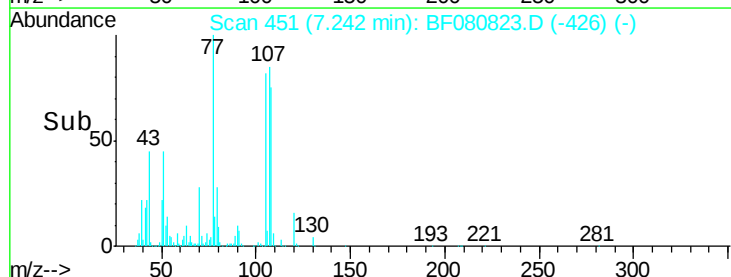
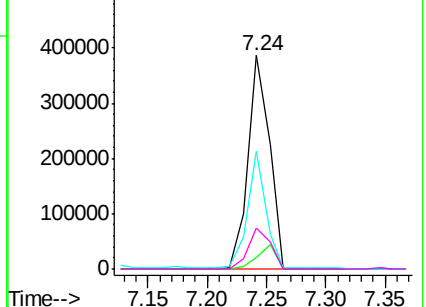


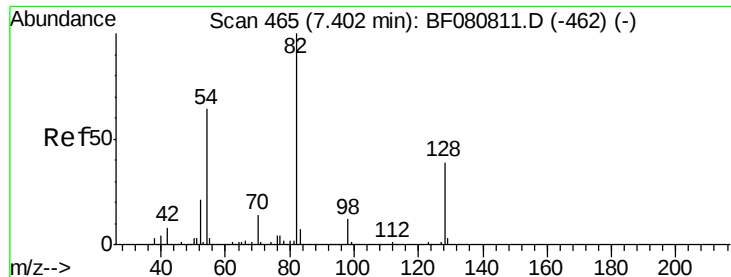
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





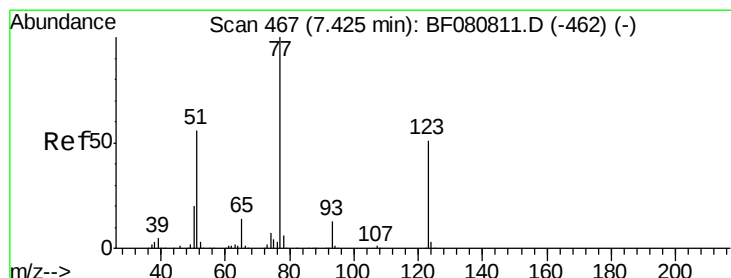
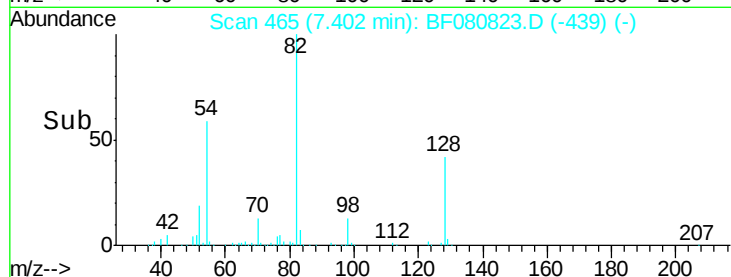
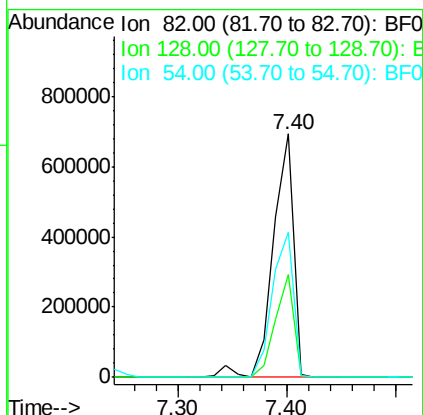
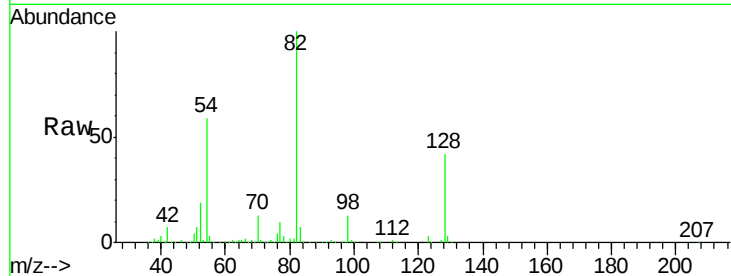
#23
 Nitrobenzene-d5
 Concen: 79.10 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	42.4	31.4	47.0
54	59.3	51.0	76.4

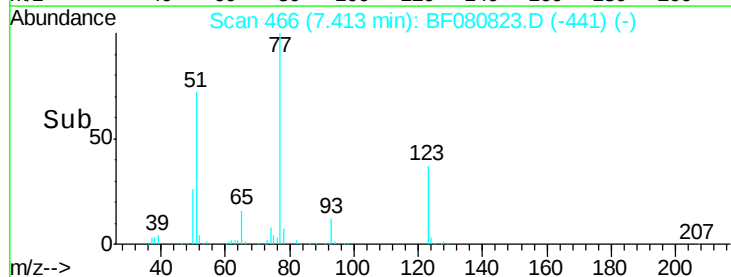
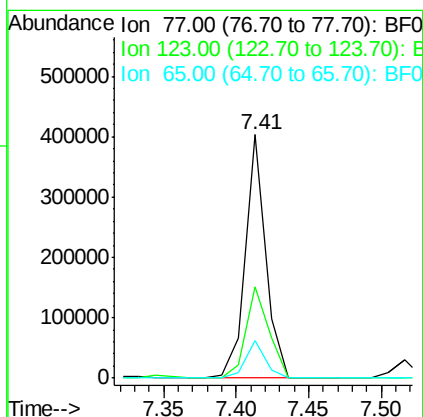
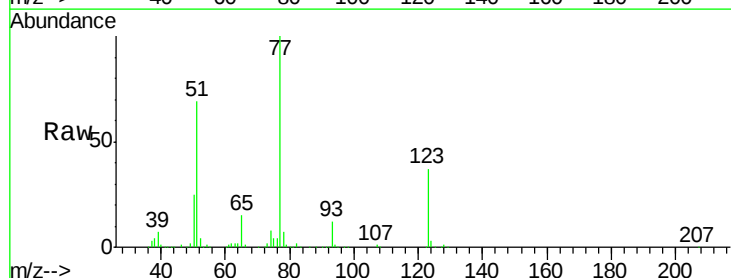
Manual Integrations
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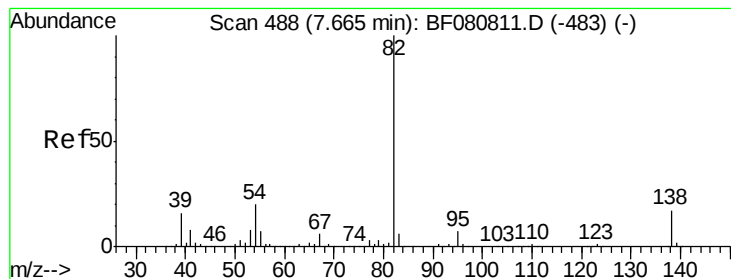
MMDadoda
 8/5/2015 2:28:42 PM



#24
 Nitrobenzene
 Concen: 33.96 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	37.4	40.7	61.1#
65	15.5	11.3	16.9





#25

Isophorone

Concen: 35.28 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tgt Ion: 82 Resp: 716071
Ion Ratio Lower Upper

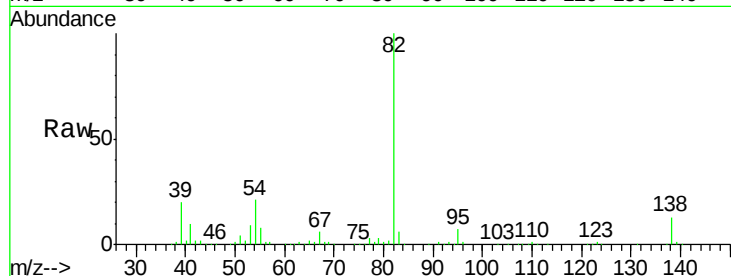
82 100

95 7.4 5.9 8.9

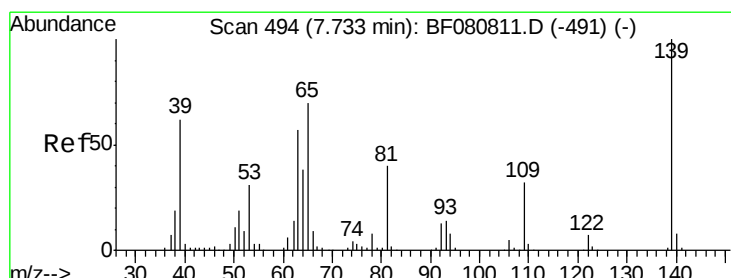
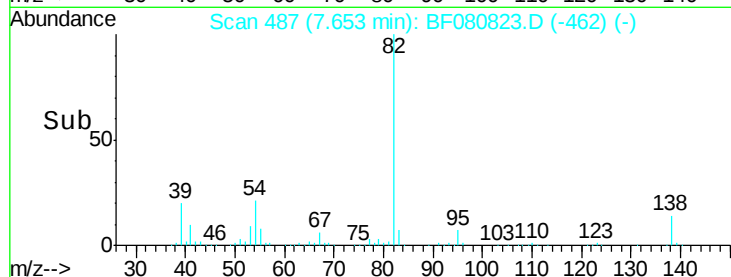
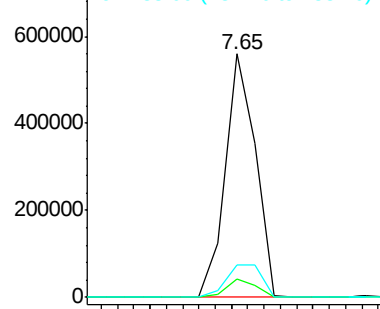
138 13.5 13.4 20.2

Manual Integrations
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8/5/2015 2:28:42 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.98 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF080823.D

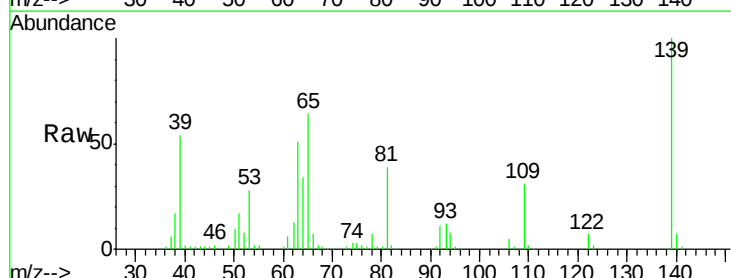
Acq: 4 Aug 2015 2:40

Tgt Ion: 139 Resp: 187400
Ion Ratio Lower Upper

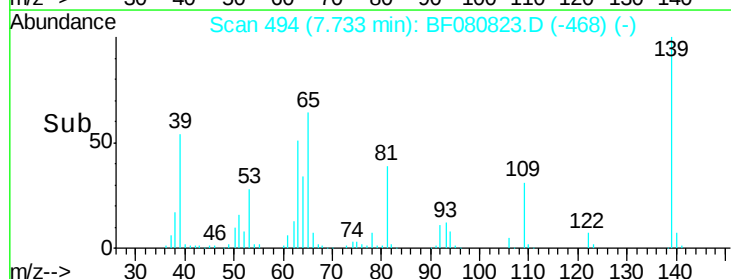
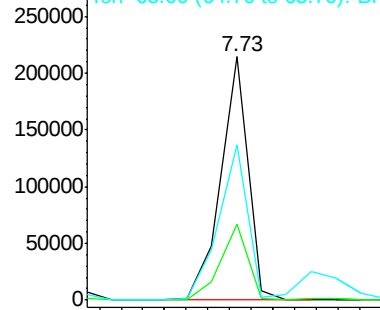
139 100

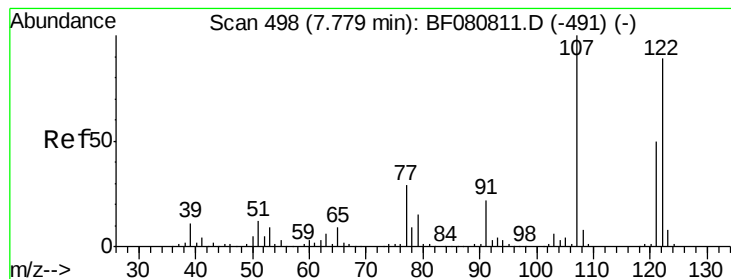
109 31.3 25.3 37.9

65 63.8 56.2 84.4



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





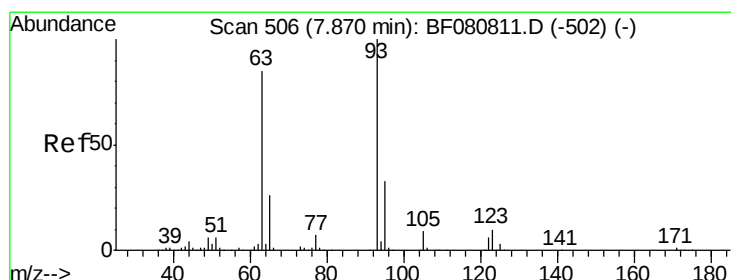
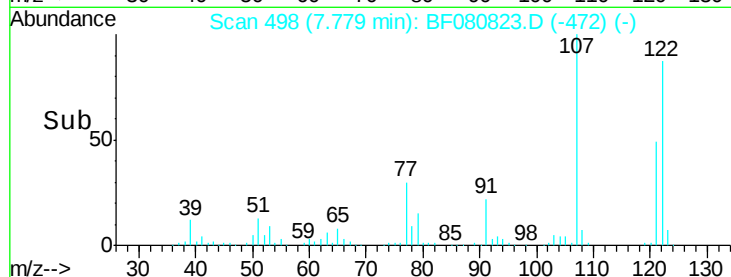
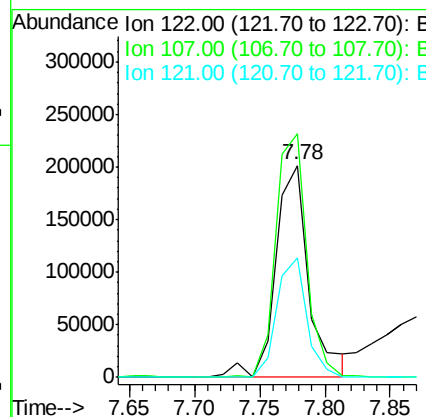
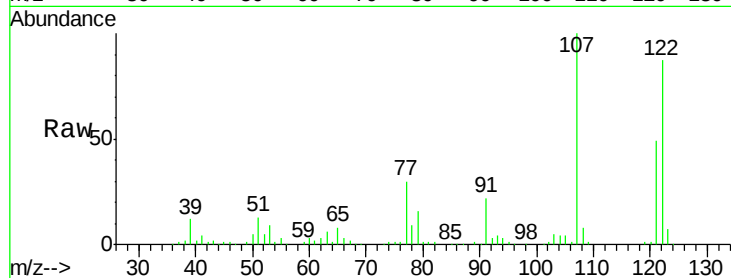
#27
 2,4-Dimethylphenol
 Concen: 38.56 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	362462		
107	114.8	90.2	135.4	
121	56.4	45.4	68.2	

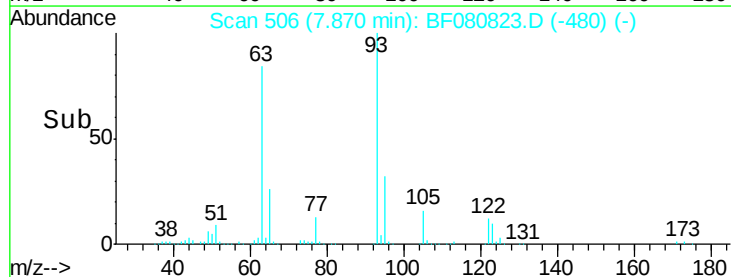
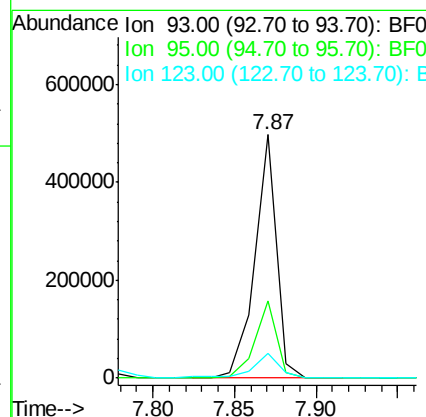
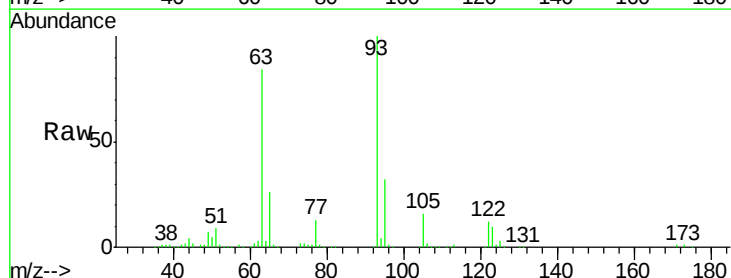
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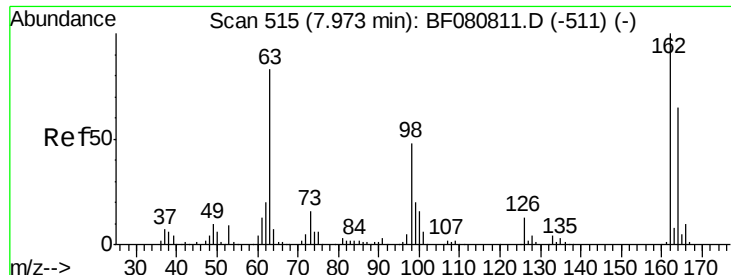
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.46 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	458927		
95	31.9	26.1	39.1	
123	10.4	8.0	12.0	





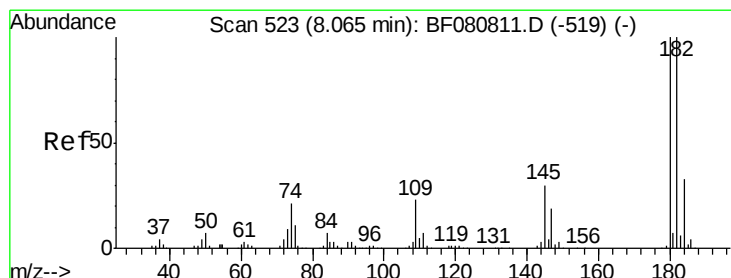
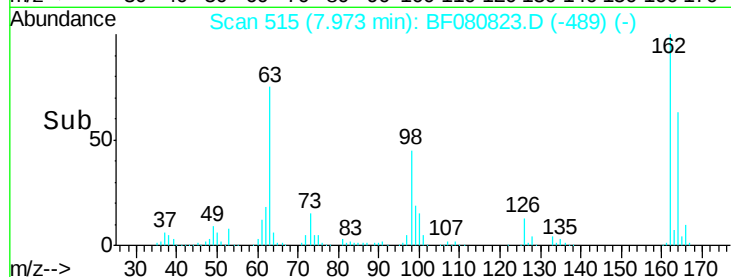
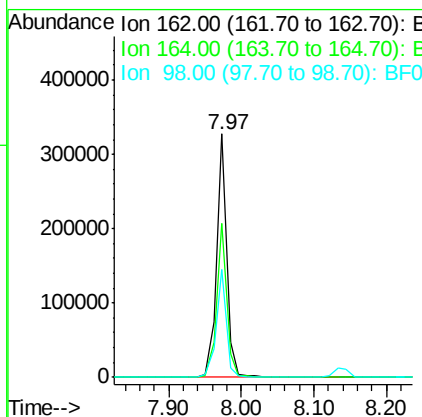
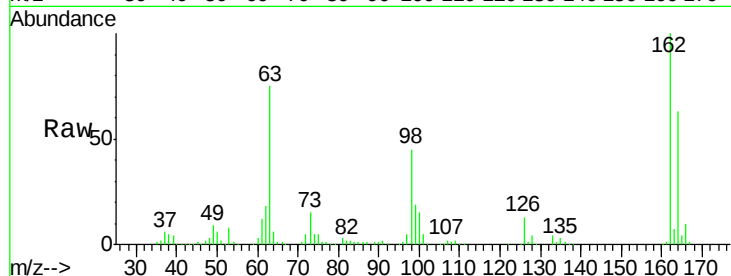
#29
 2,4-Dichlorophenol
 Concen: 40.60 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	45.3	85.3
98	44.6	27.7	67.7

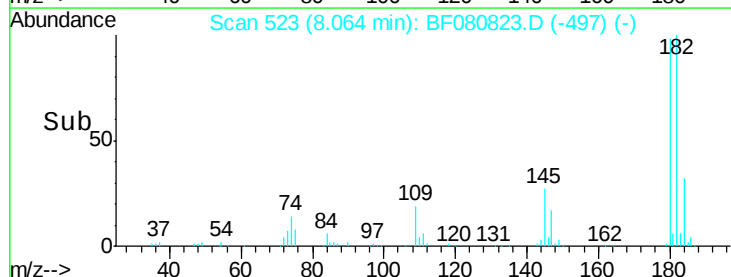
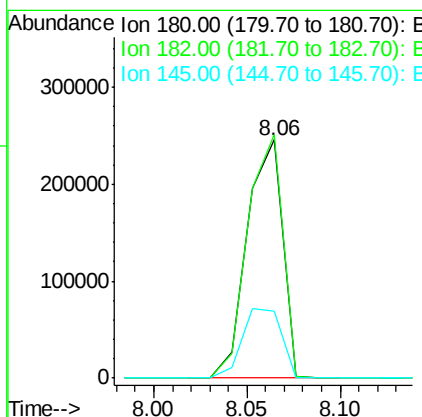
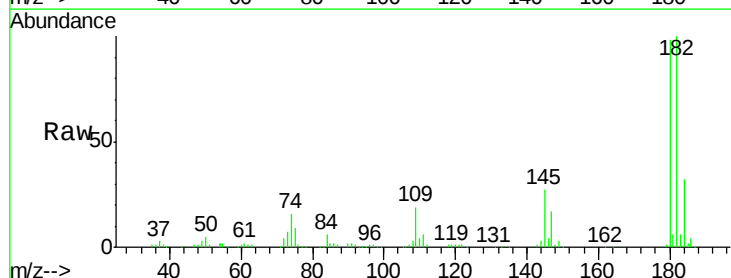
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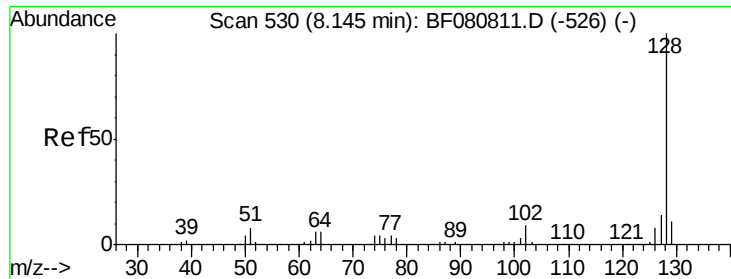
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.47 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	102.2	79.7	119.5
145	27.9	23.8	35.8





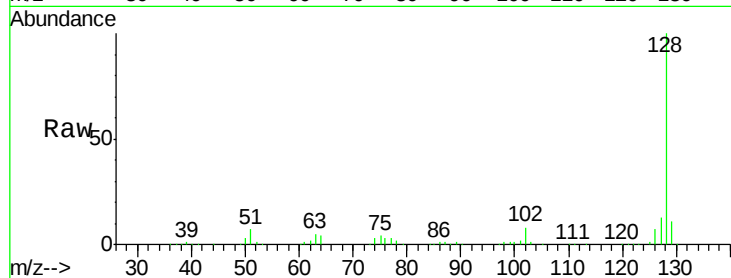
#31
Naphthalene
Concen: 37.44 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

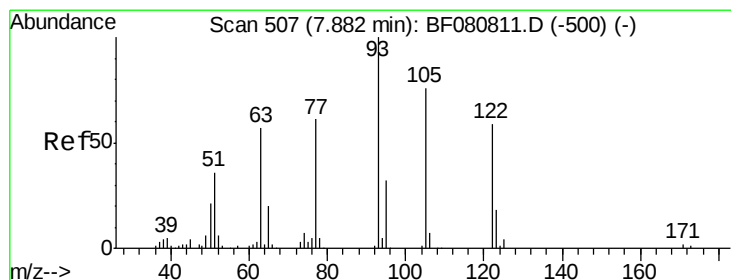
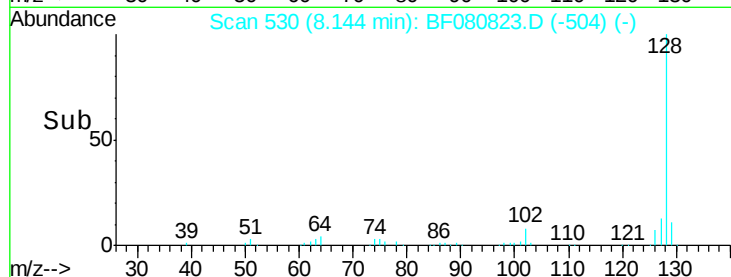
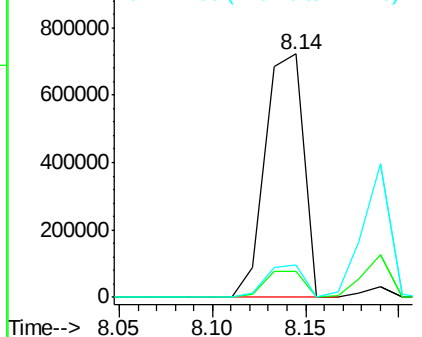
Tgt Ion:128 Resp: 1027336
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.1 10.8 16.2

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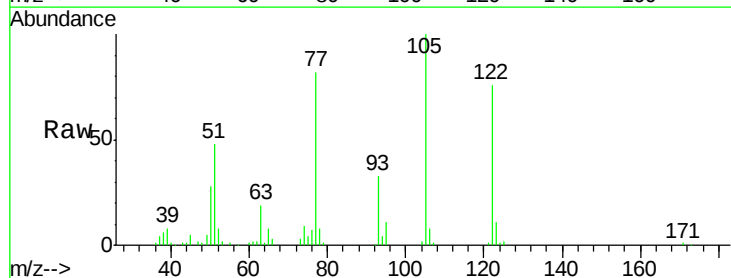


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

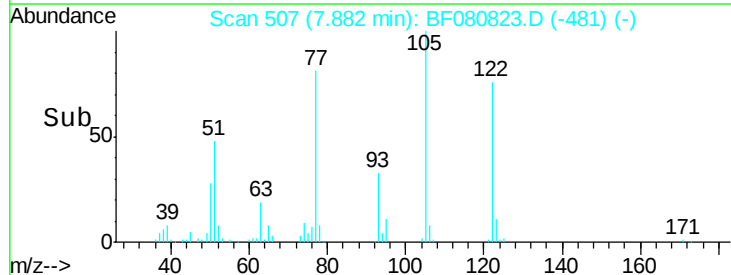
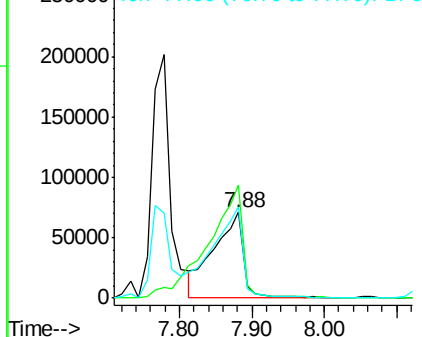


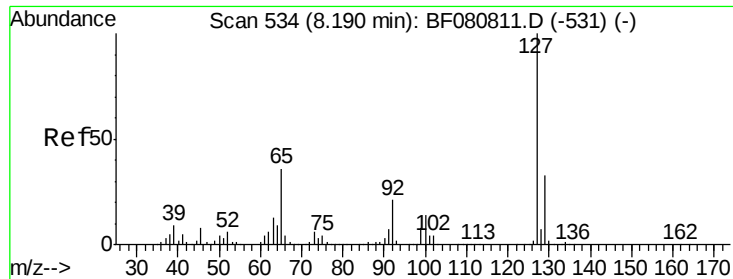
#32
Benzoic acid
Concen: 35.41 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:122 Resp: 201217
Ion Ratio Lower Upper
122 100
105 131.4 102.3 142.3
77 107.3 81.2 121.2



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





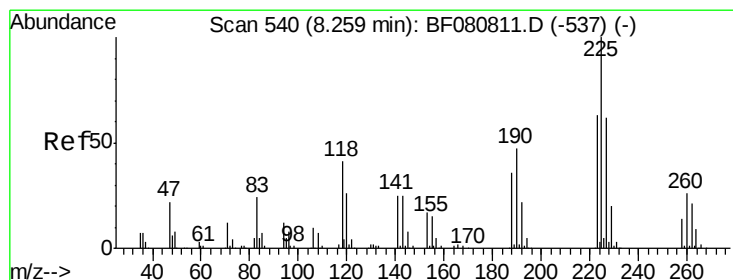
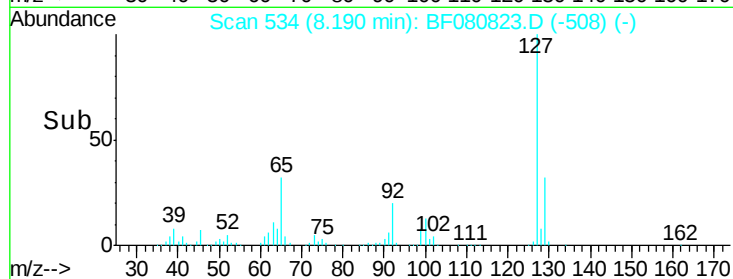
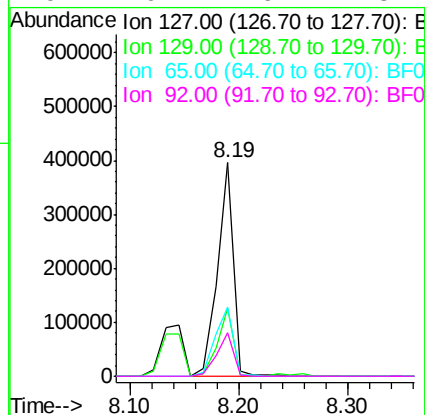
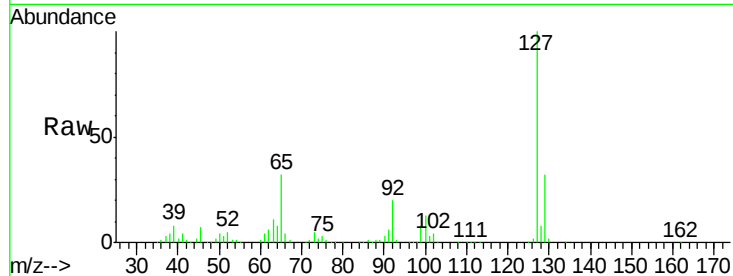
#33
4-Chloroaniline
Concen: 35.34 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.8	26.1	39.1
65	32.2	28.9	43.3
92	20.4	16.7	25.1

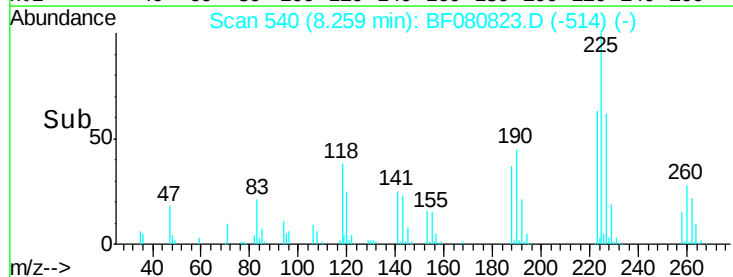
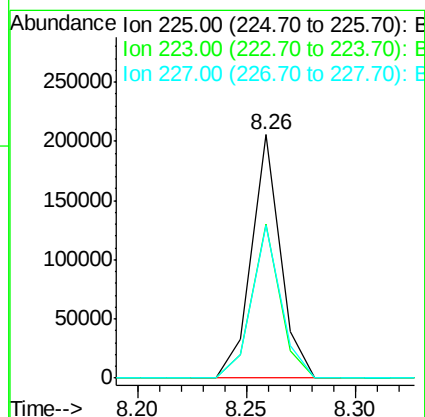
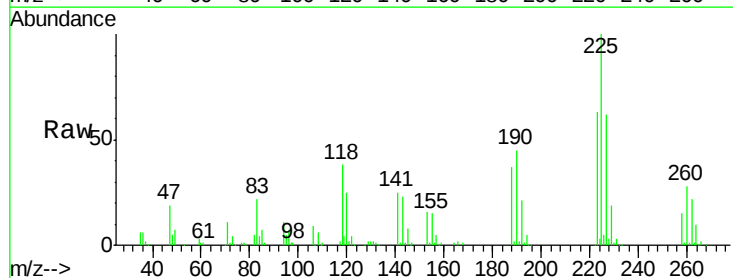
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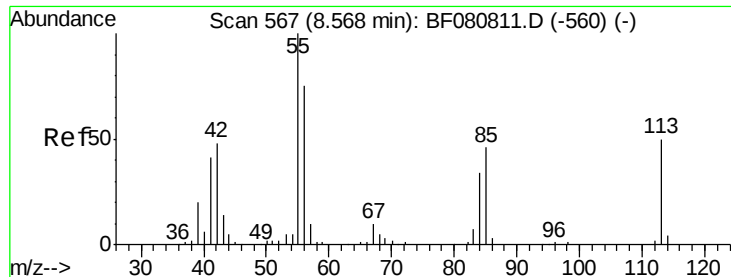
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#34
Hexachlorobutadiene
Concen: 36.19 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.5	50.2	75.2
227	62.5	49.7	74.5





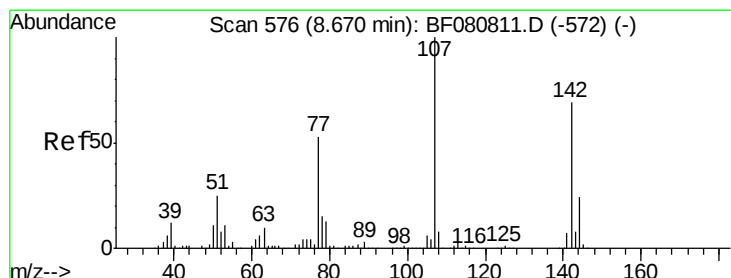
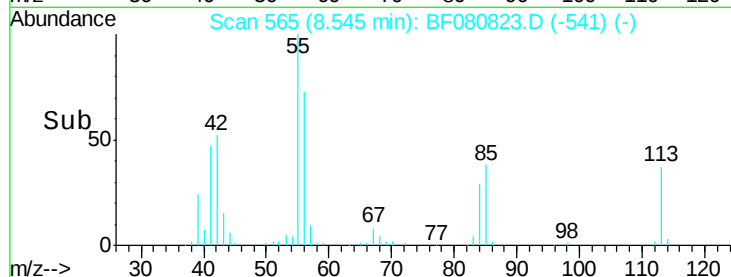
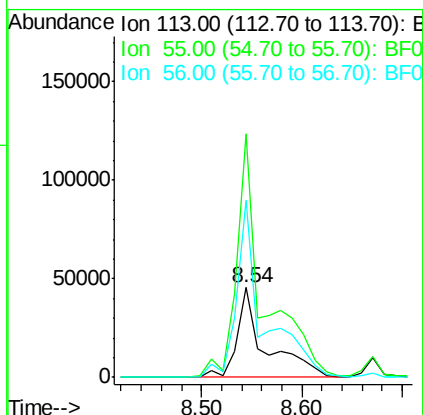
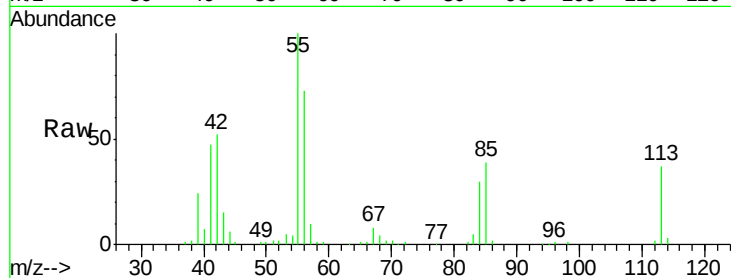
#35
 Caprolactam
 Concen: 40.15 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion:113 Resp: 88012
 Ion Ratio Lower Upper
 113 100
 55 272.3 179.0 219.0#
 56 198.3 128.2 168.2#

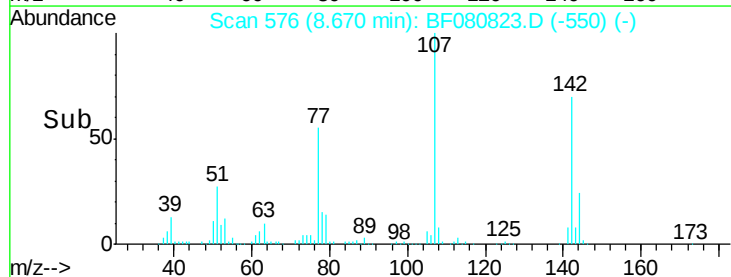
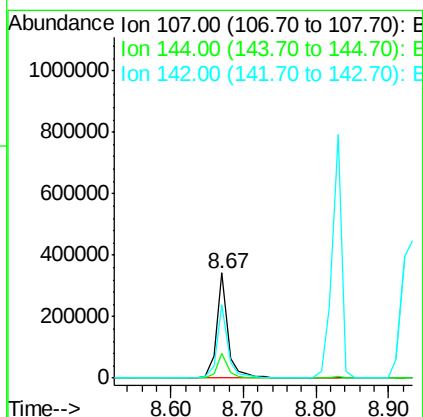
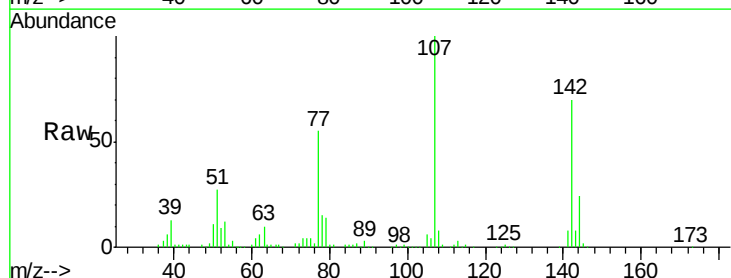
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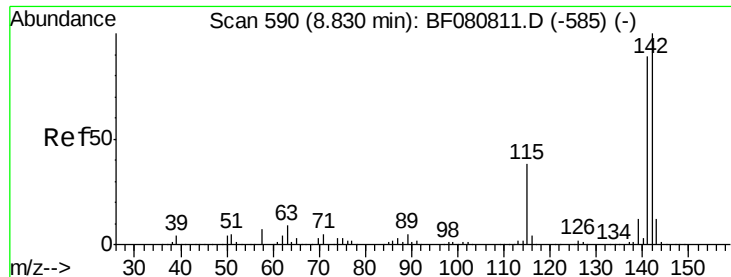
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#36
 4-Chloro-3-methylphenol
 Concen: 43.28 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion:107 Resp: 366615
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.0 28.4
 142 70.0 54.9 82.3





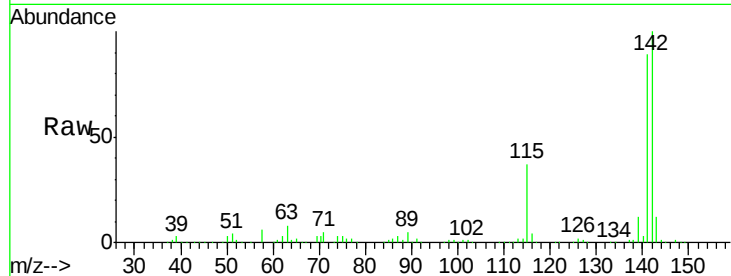
#37
 2-Methylnaphthalene
 Concen: 42.60 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

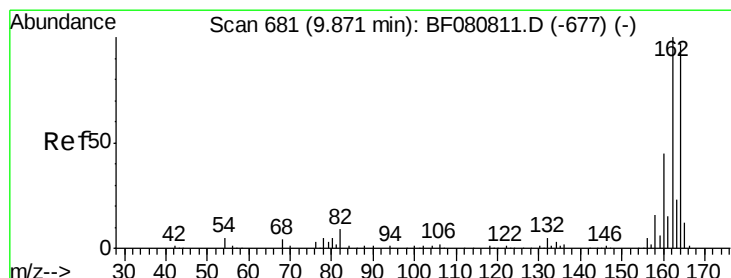
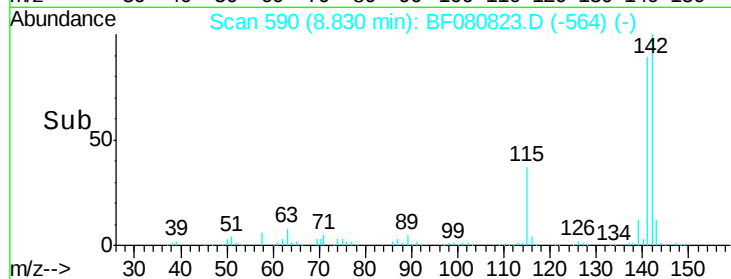
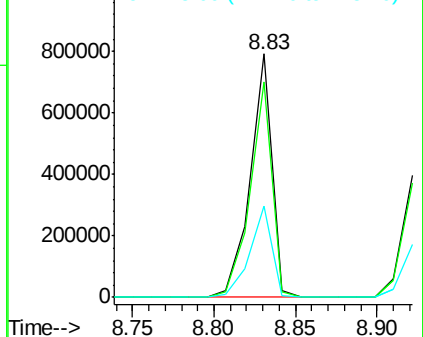
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.3	106.9
115	37.3	30.6	45.8

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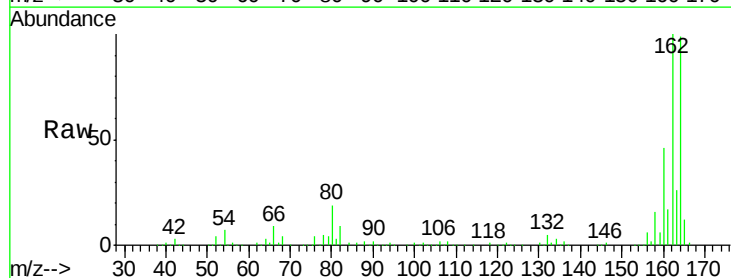


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

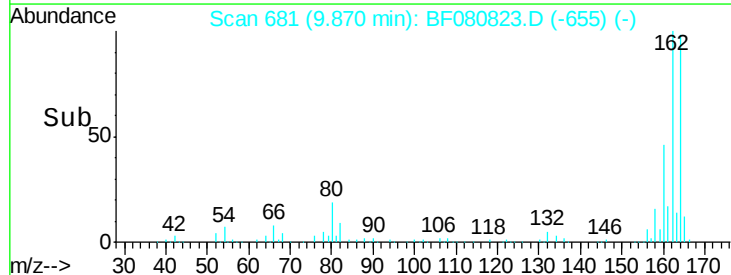
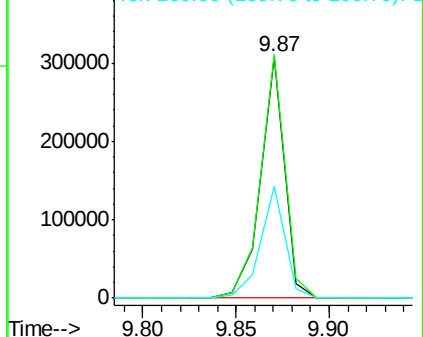


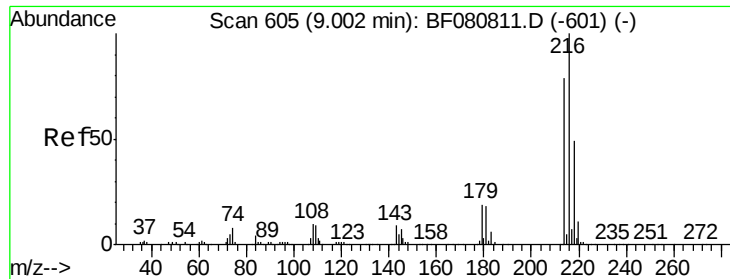
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.3	123.5
160	46.3	37.3	55.9



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





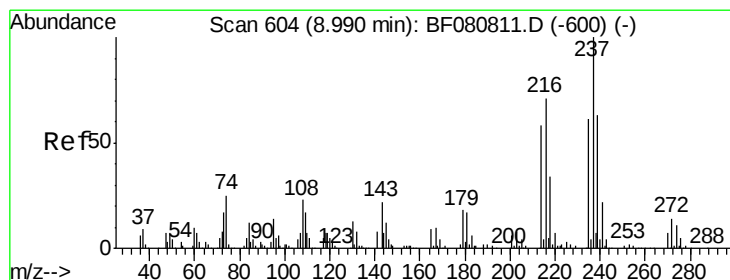
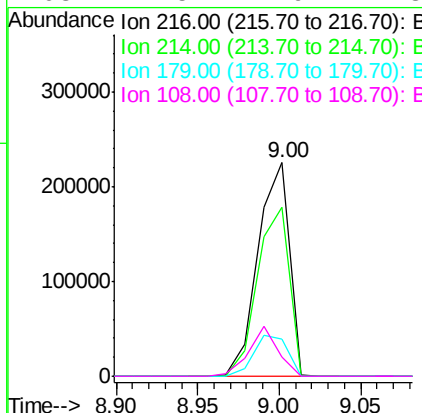
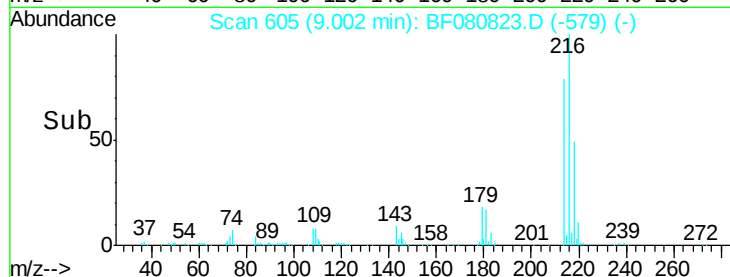
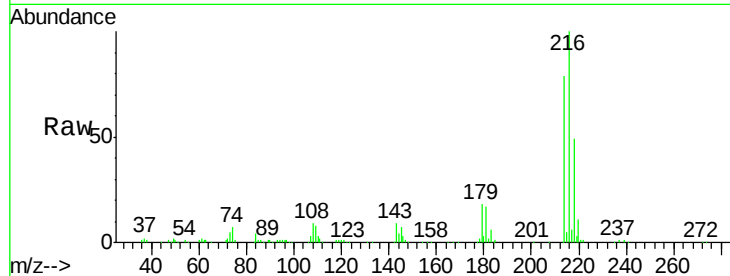
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.95 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

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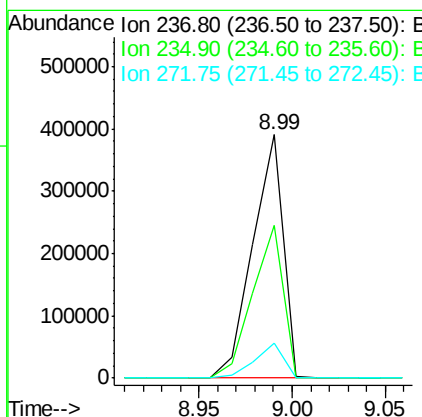
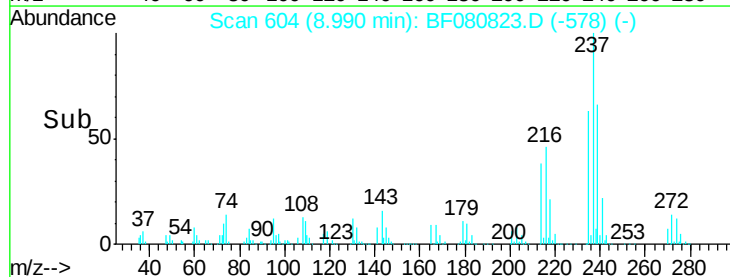
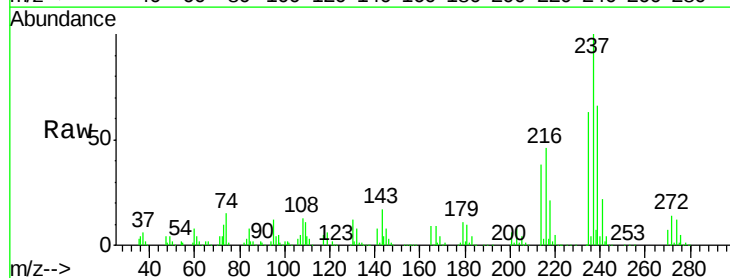
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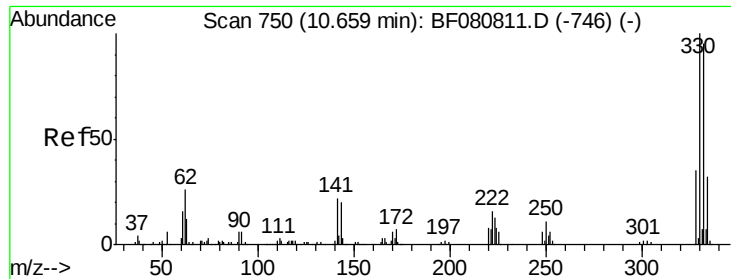
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	301485		
214	80.5	64.0	96.0	
179	20.8	16.9	25.3	
108	21.5	14.9	22.3	



#40
 Hexachlorocyclopentadiene
 Concen: 83.81 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	439489		
235	62.8	41.5	81.5	
272	14.2	0.0	33.7	





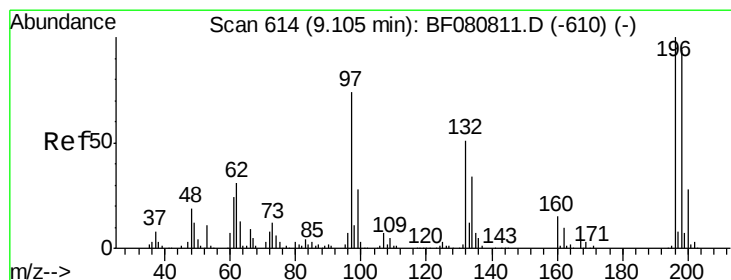
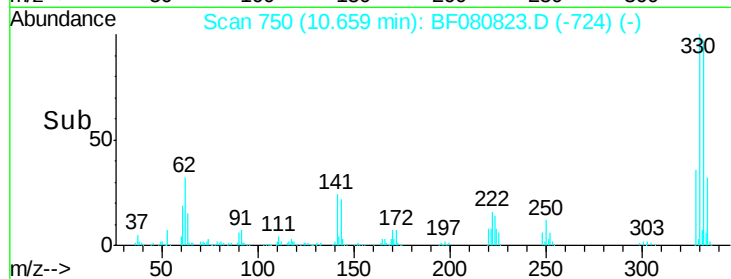
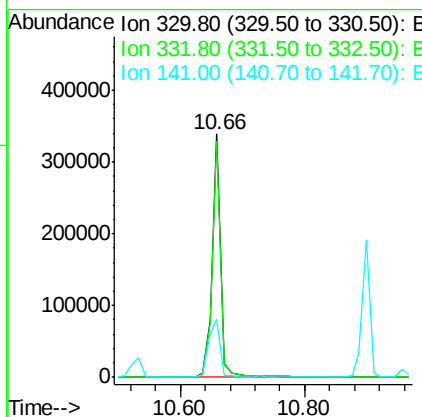
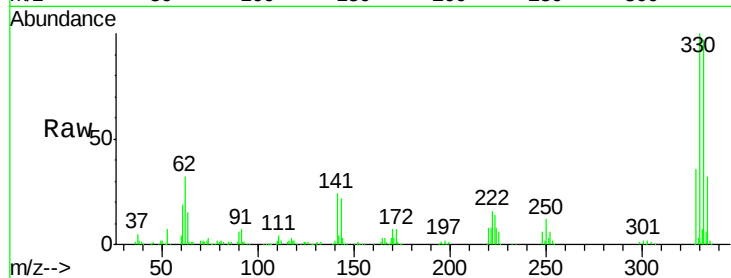
#41
 2,4,6-Tribromophenol
 Concen: 124.29 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	323758		
332	96.9	76.2	114.4	
141	32.8	25.4	38.0	

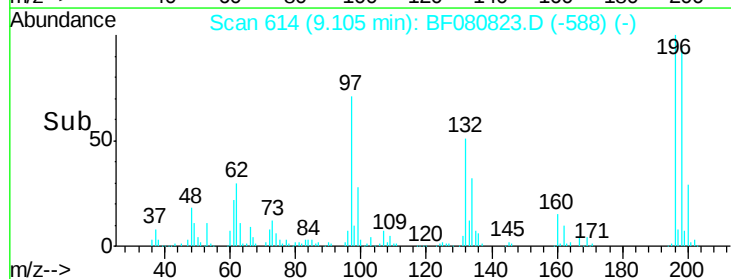
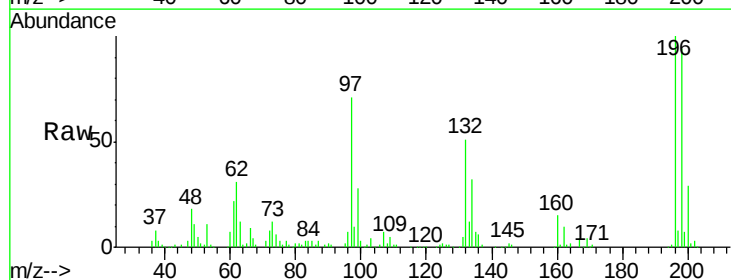
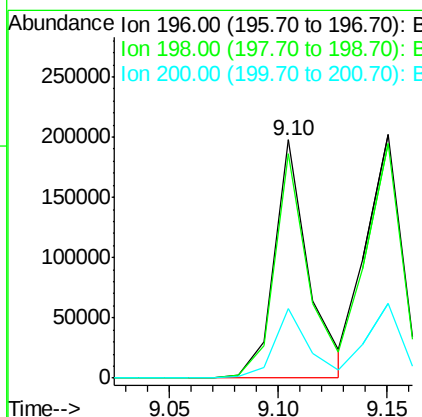
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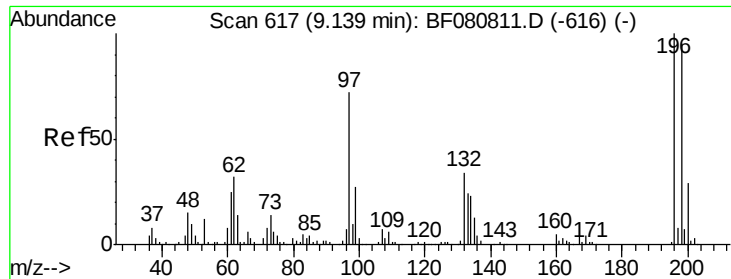
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#42
 2,4,6-Trichlorophenol
 Concen: 35.77 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

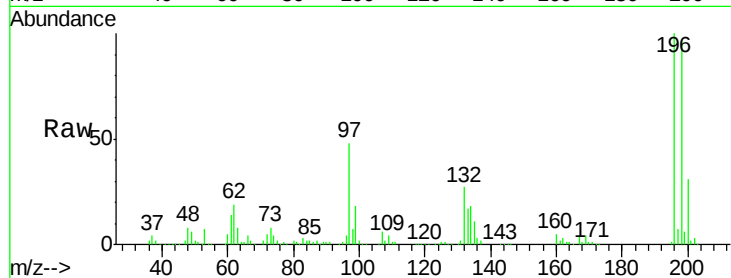
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218492		
198	94.3	75.3	112.9	
200	29.2	22.7	34.1	





#43
 2,4,5-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.01 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

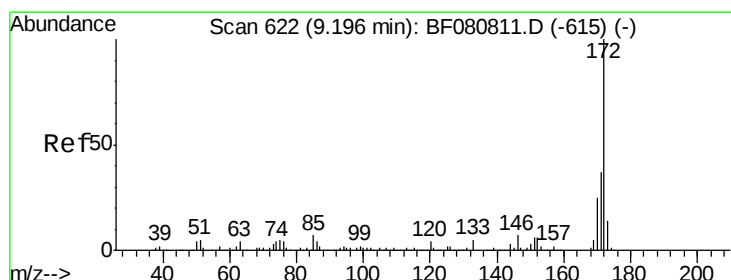
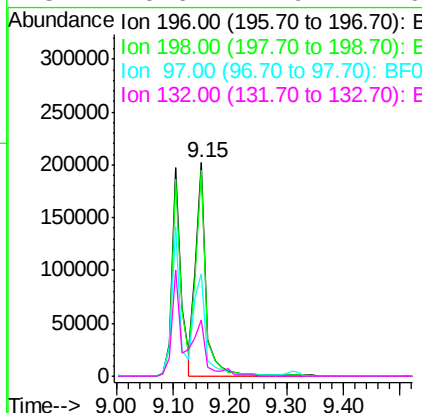
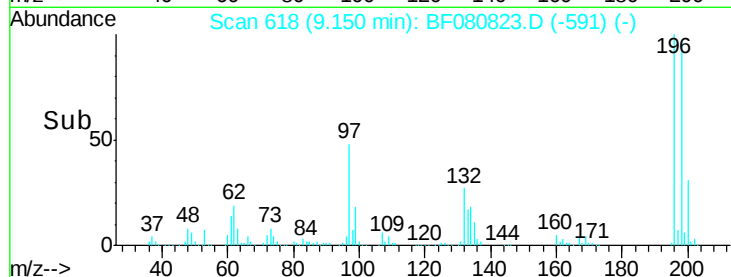
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260603		
198	96.6	76.3	114.5	
97	48.2	58.8	88.2	#
132	26.6	27.9	41.9	#

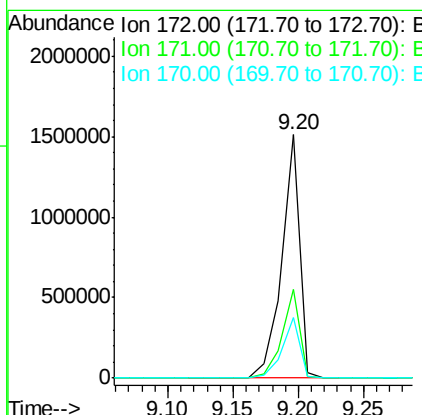
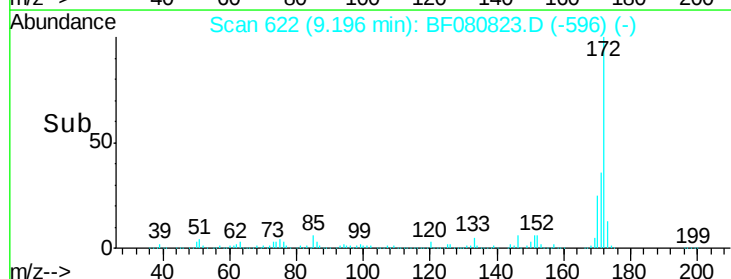
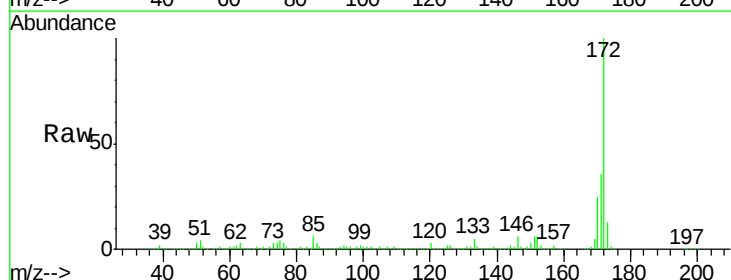
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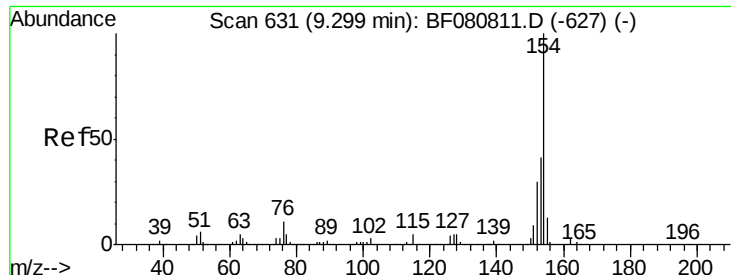
MMDadoda
 8/5/2015 2:28:42 PM



#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1451712		
171	36.2	30.0	45.0	
170	24.9	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 40.91 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

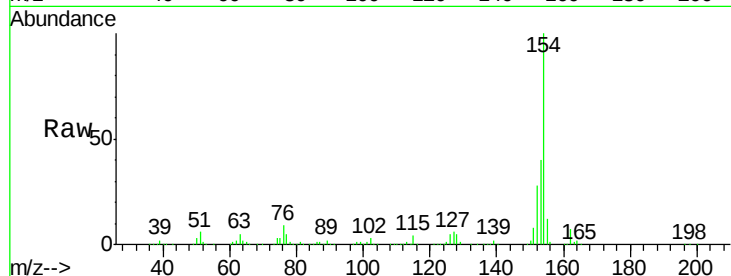
ClientSampleId :

PB84720BS

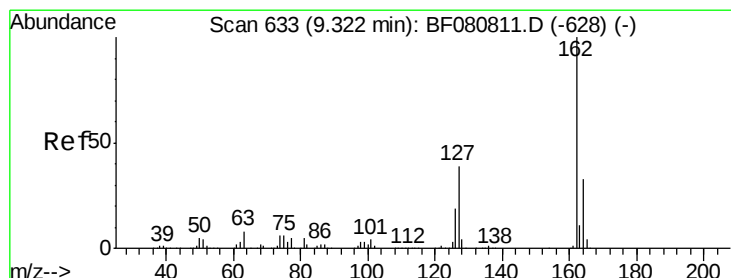
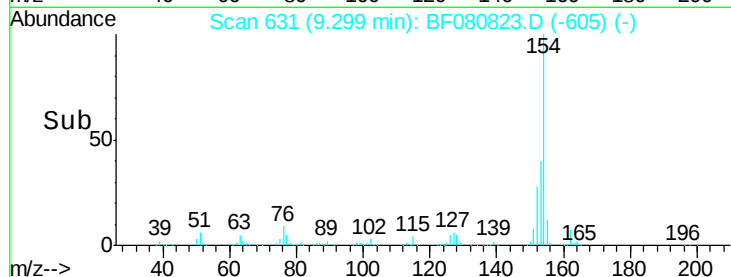
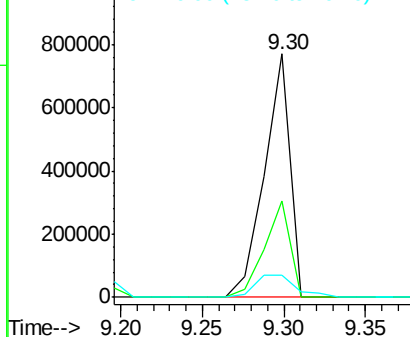
Tgt Ion:	154	Resp:	838530
Ion Ratio	Lower	Upper	
154	100		
153	39.8	21.1	61.1
76	9.0	0.0	30.5

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



#46

2-Chloronaphthalene

Concen: 38.61 ng

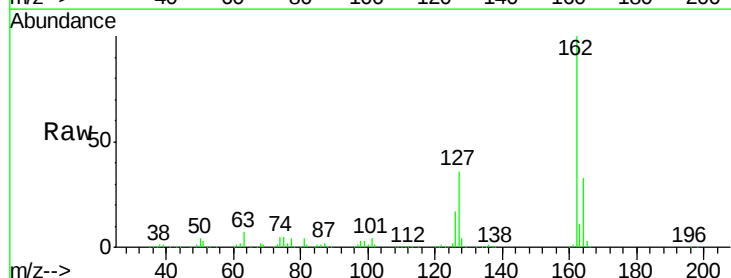
RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

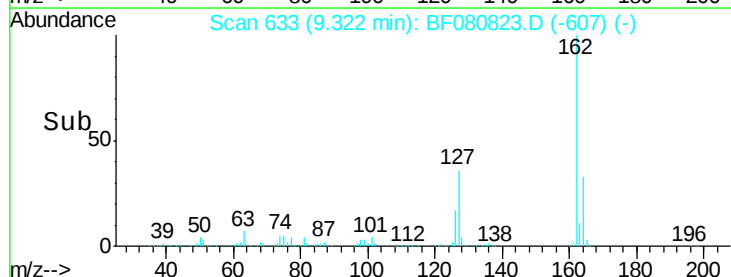
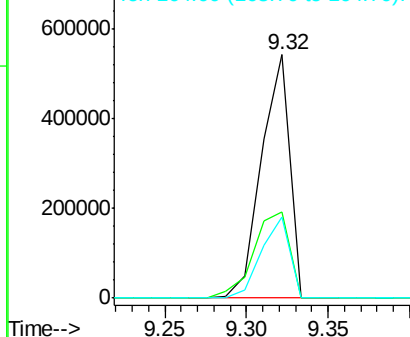
Lab File: BF080823.D

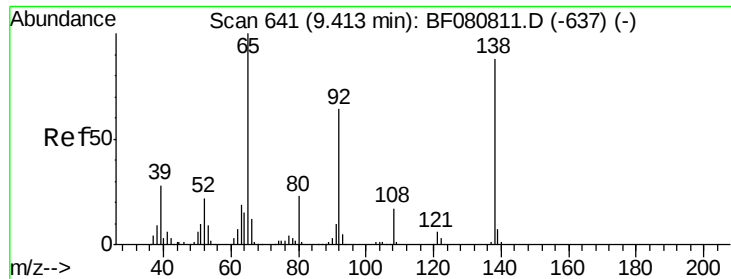
Acq: 4 Aug 2015 2:40

Tgt Ion:	162	Resp:	654856
Ion Ratio	Lower	Upper	
162	100		
127	35.6	31.0	46.6
164	33.3	26.8	40.2



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





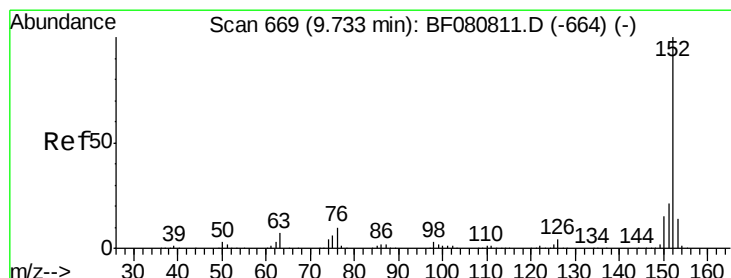
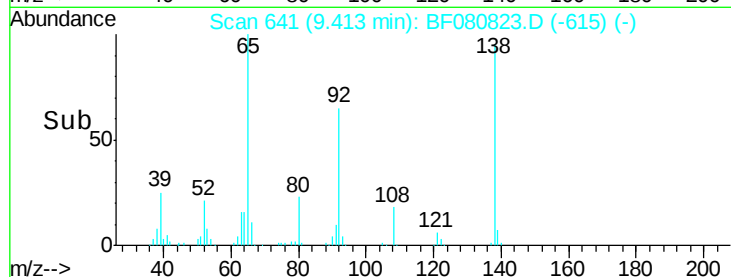
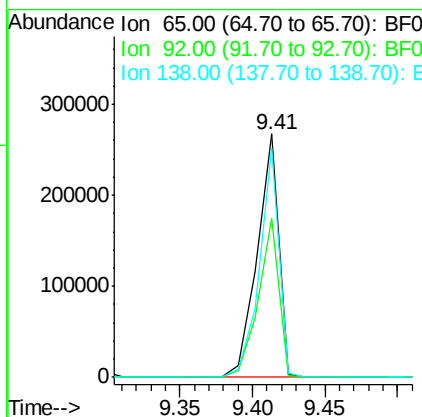
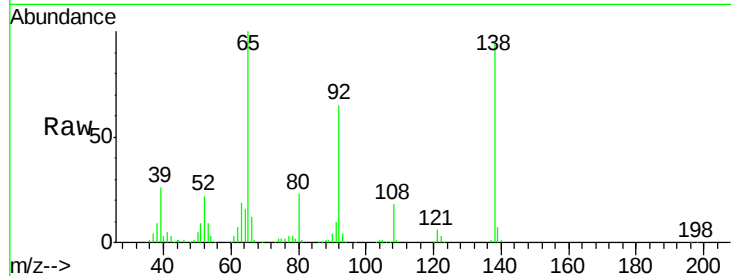
#47
2-Nitroaniline
Concen: 43.71 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	50.9	76.3
138	94.5	70.6	105.8

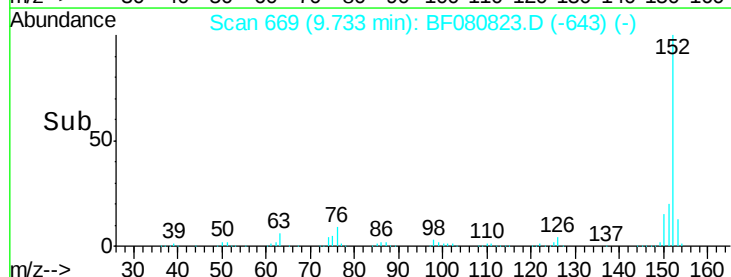
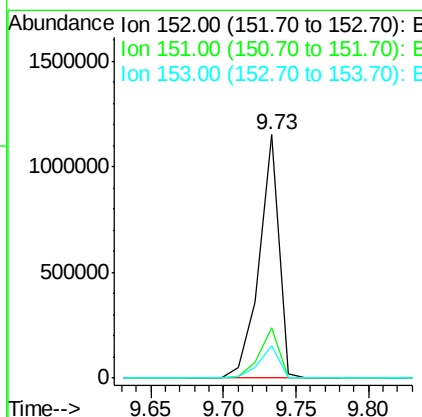
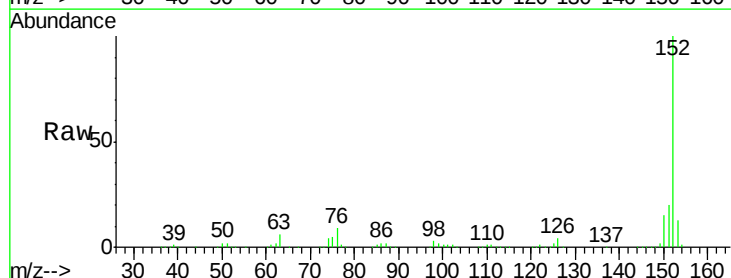
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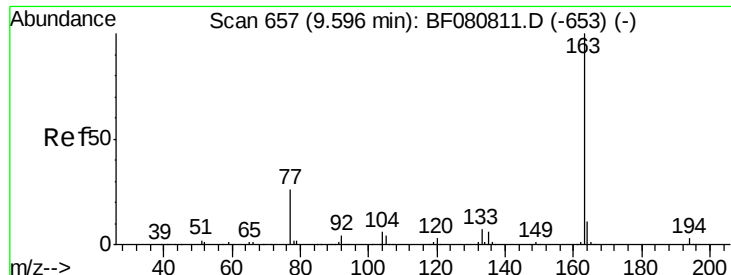
MMDadoda
8/5/2015 2:28:42 PM



#48
Acenaphthylene
Concen: 40.99 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.3	11.0	16.4





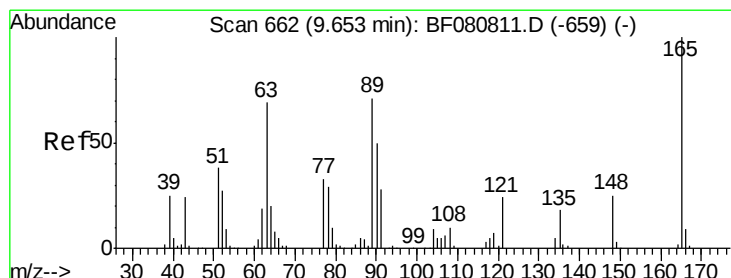
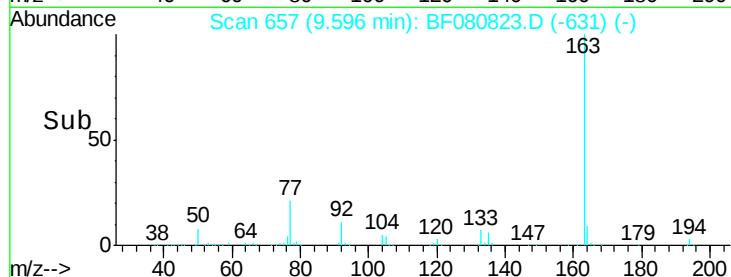
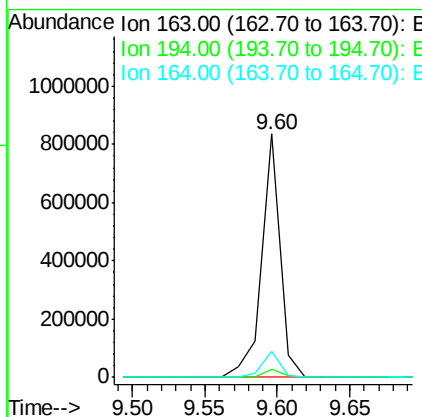
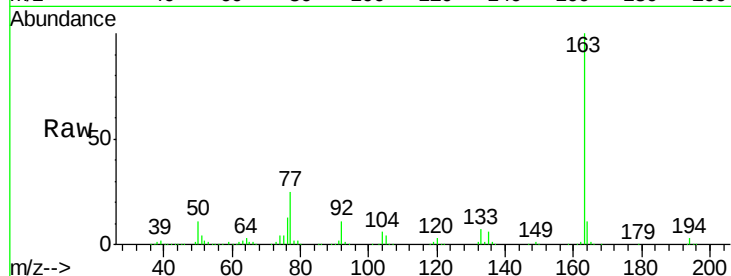
#49
Dimethylphthalate
Concen: 40.78 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.5	2.7	4.1
164	10.6	8.5	12.7

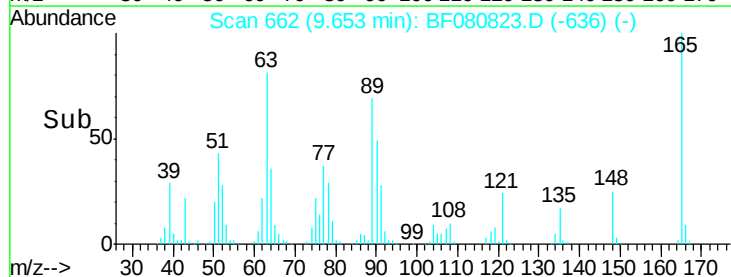
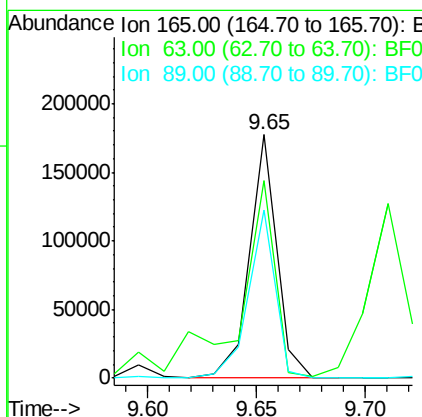
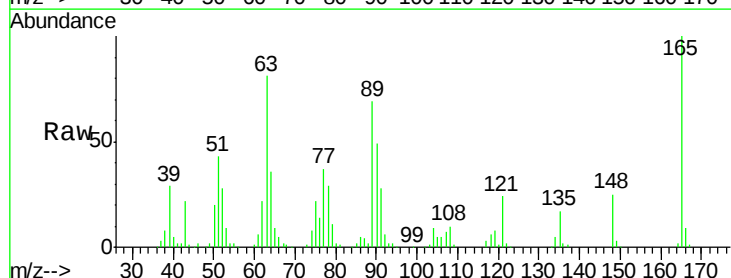
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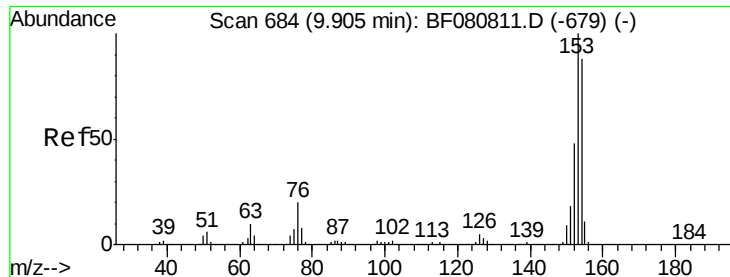
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#50
2,6-Dinitrotoluene
Concen: 39.76 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	80.9	68.2	102.4
89	69.2	56.9	85.3





#51

Acenaphthene

Concen: 46.88 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF080823.D

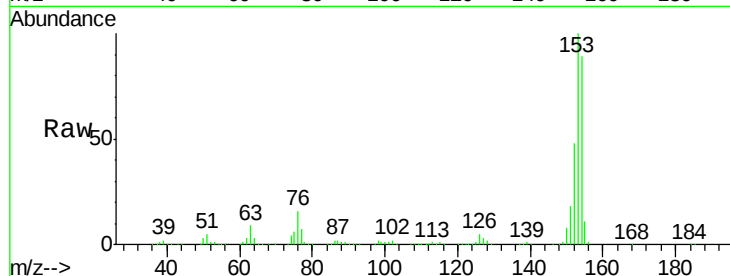
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

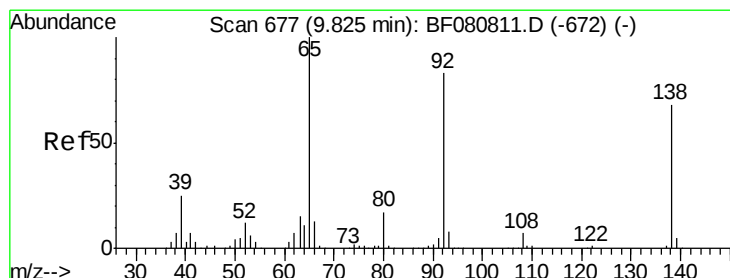
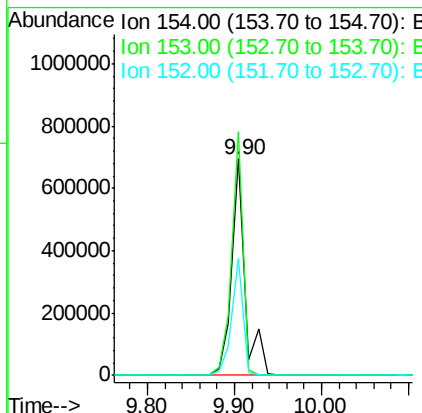
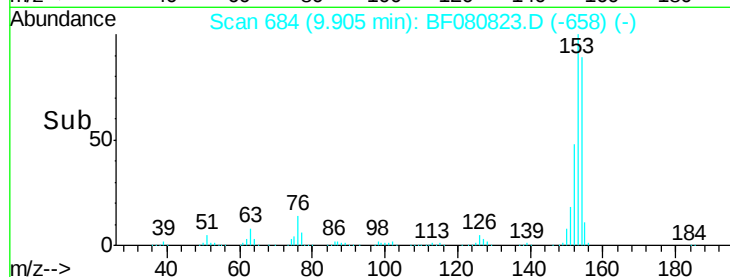
PB84720BS



Tgt Ion:	154	Resp:	751186
Ion Ratio	Lower	Upper	
154	100		
153	112.4	91.4	137.2
152	53.9	44.1	66.1

Manual Integrations
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8/5/2015 2:28:42 PM



#52

3-Nitroaniline

Concen: 35.92 ng

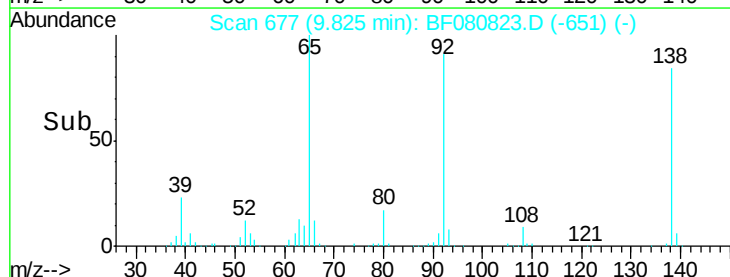
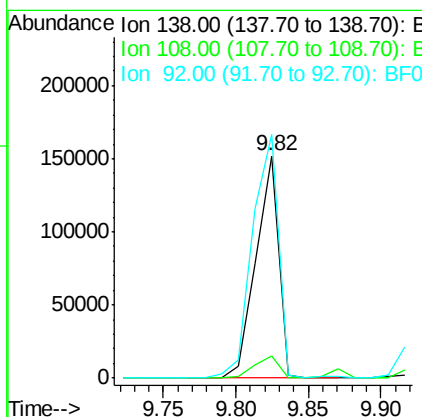
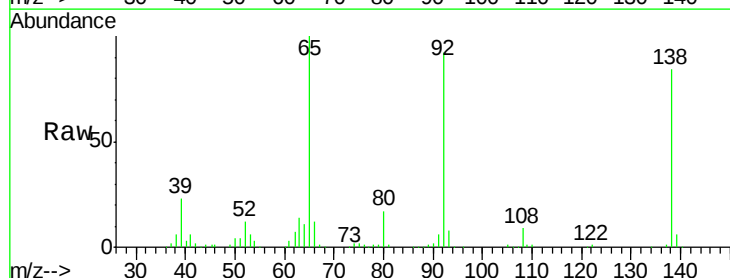
RT: 9.82 min Scan# 677

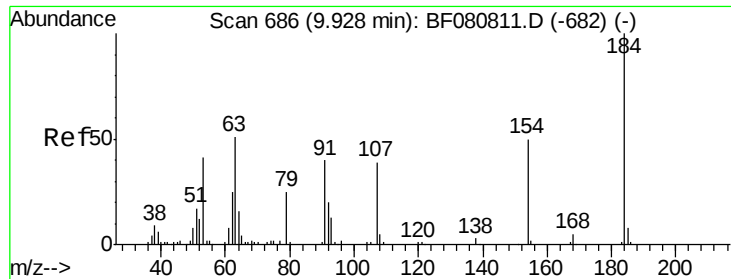
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	138	Resp:	164657
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.6	13.0
92	109.7	97.4	146.2





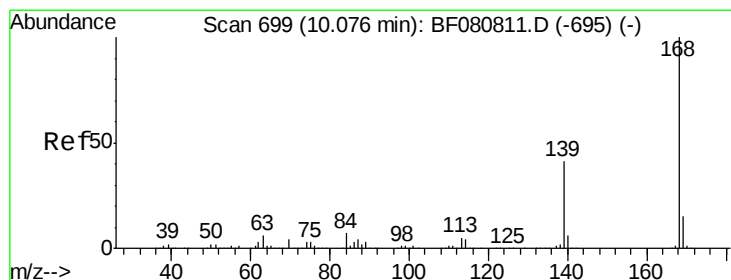
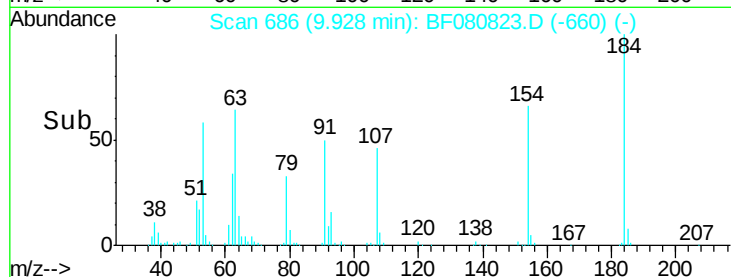
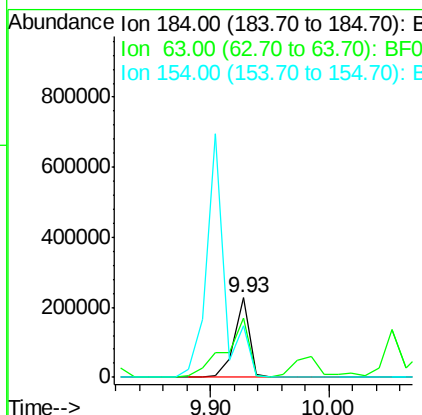
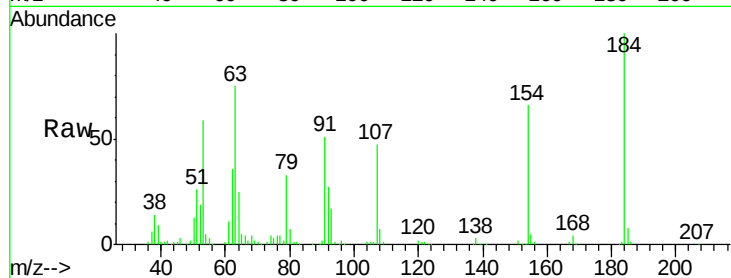
#53
2,4-Dinitrophenol
Concen: 94.74 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202007		
63	74.7	42.2	63.2#	
154	65.7	47.4	71.0	

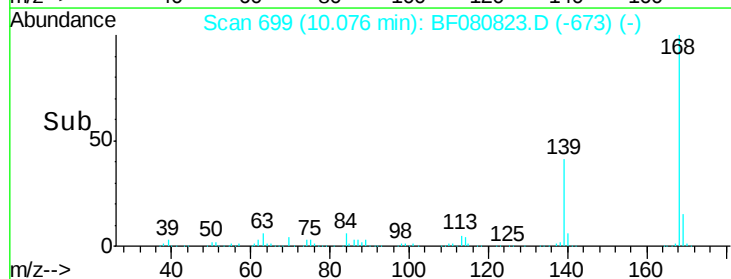
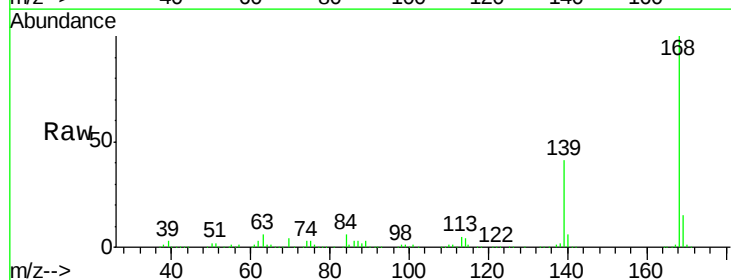
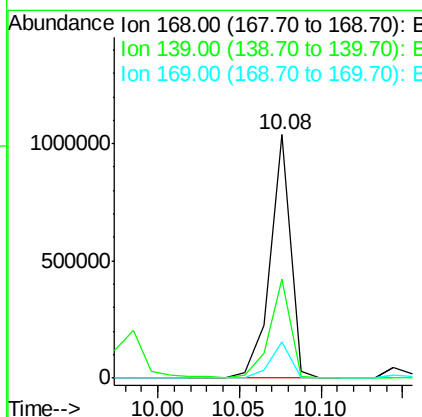
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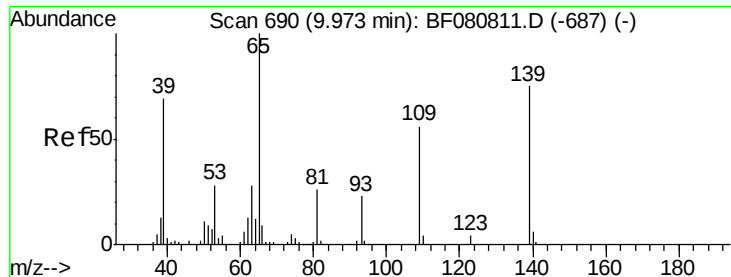
MMDadoda
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#54
Dibenzofuran
Concen: 42.95 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	907461		
139	40.8	32.8	49.2	
169	14.8	11.6	17.4	





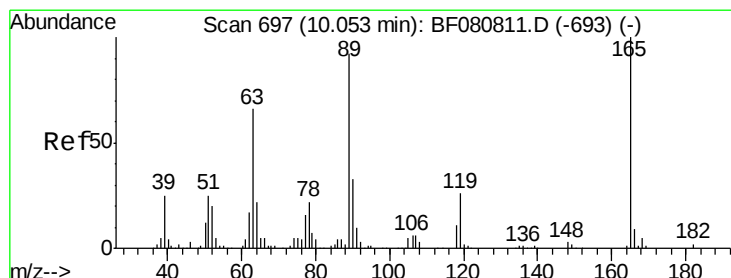
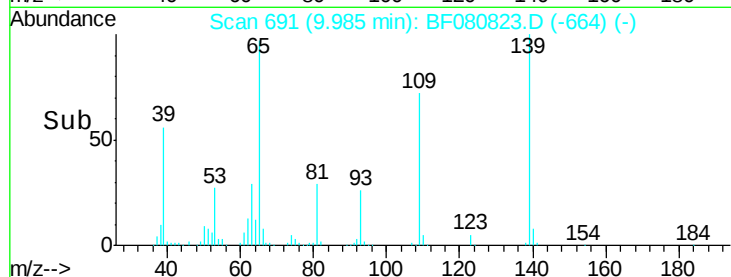
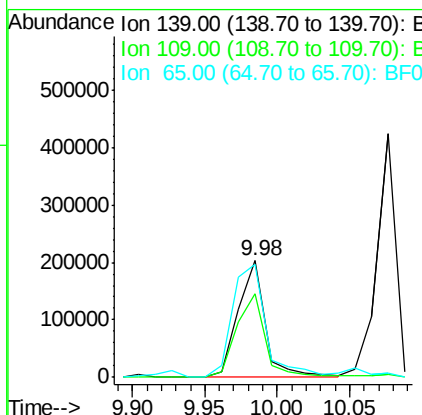
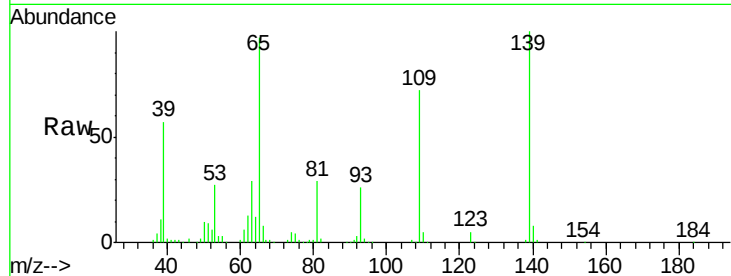
#55
4-Nitrophenol
Concen: 83.26 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion:139 Resp: 267796
Ion Ratio Lower Upper
139 100
109 72.0 55.1 95.1
65 97.4 113.9 153.9#

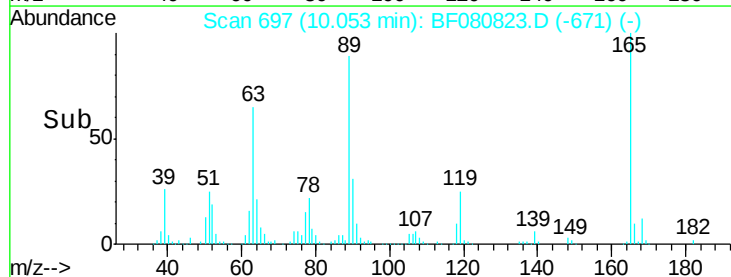
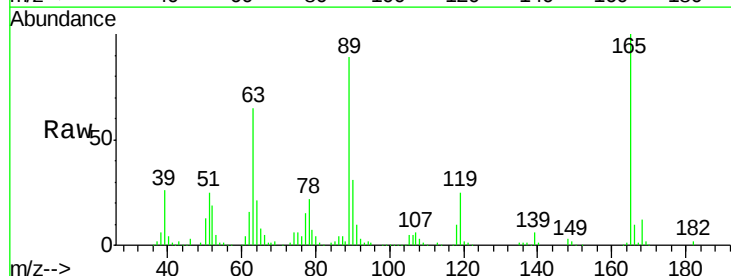
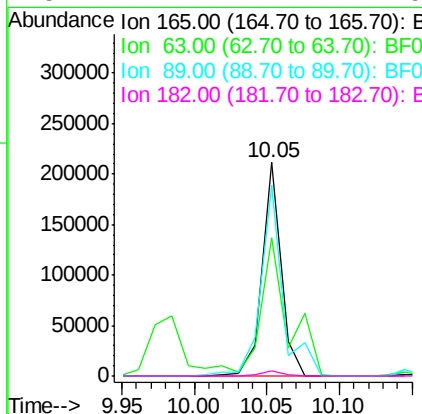
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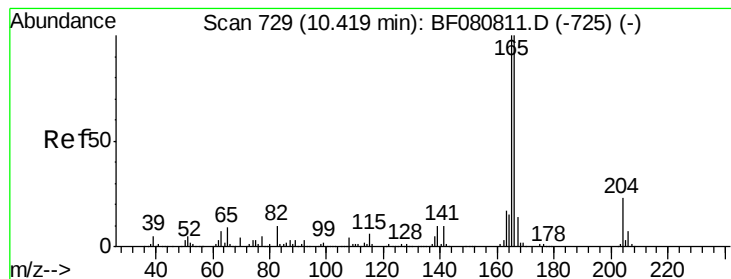
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 39.13 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion:165 Resp: 192898
Ion Ratio Lower Upper
165 100
63 64.8 53.3 79.9
89 89.1 73.5 110.3
182 2.1 1.7 2.5





#57

Fluorene

Concen: 43.46 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

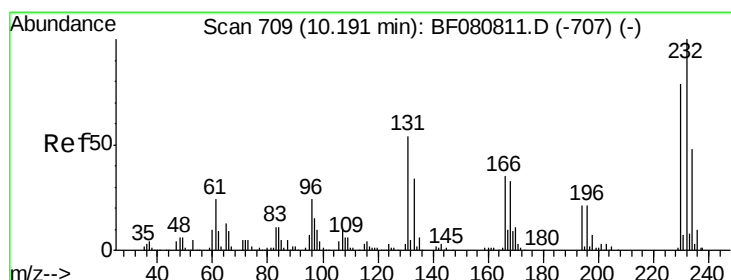
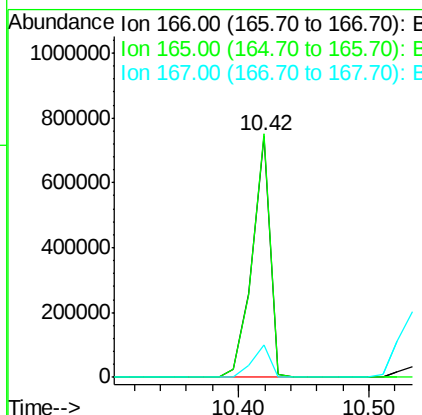
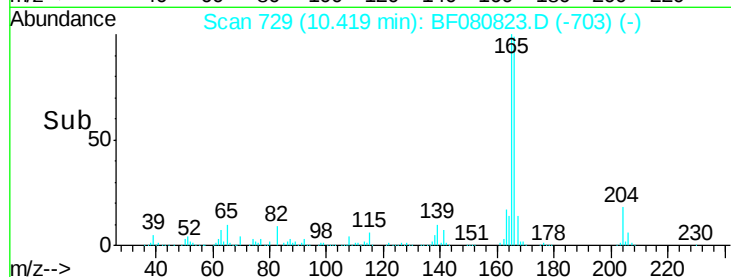
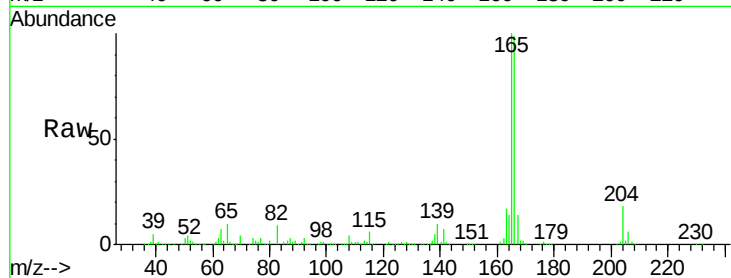
ClientSampleId :

PB84720BS

Manual Integrations
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8/5/2015 2:28:42 PM

Tgt Ion:	166	Resp:	713252
Ion Ratio	Lower	Upper	
166	100		
165	100.7	79.9	119.9
167	13.6	10.8	16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.63 ng

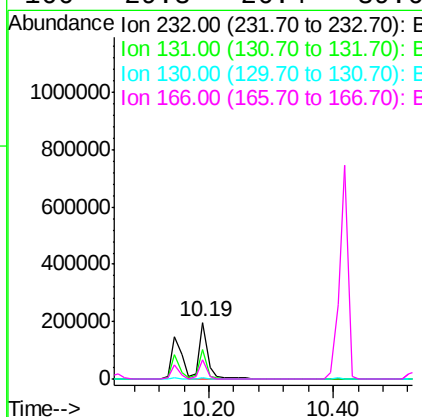
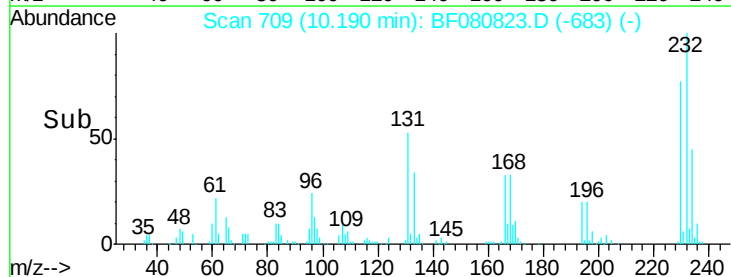
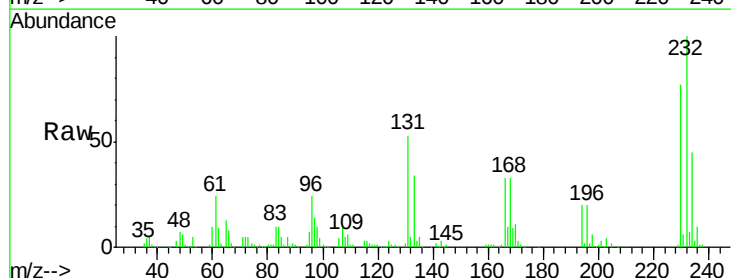
RT: 10.19 min Scan# 709

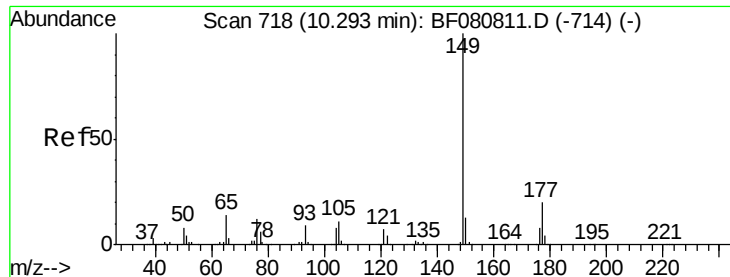
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	232	Resp:	200090
Ion Ratio	Lower	Upper	
232	100		
131	48.1	41.9	62.9
130	2.0	2.0	3.0
166	29.3	26.4	39.6





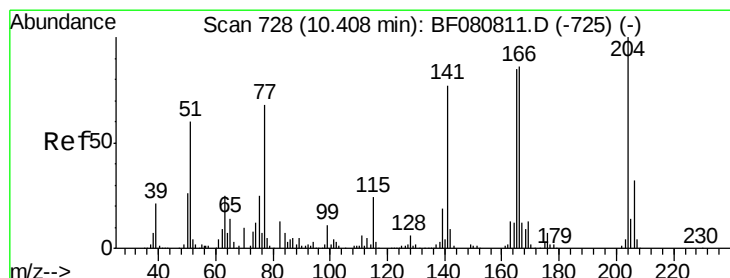
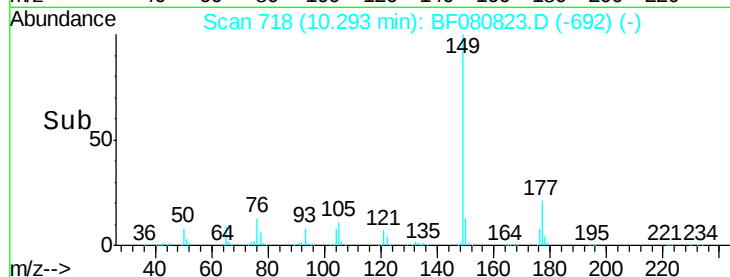
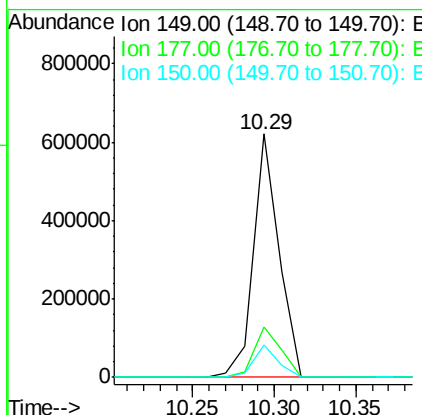
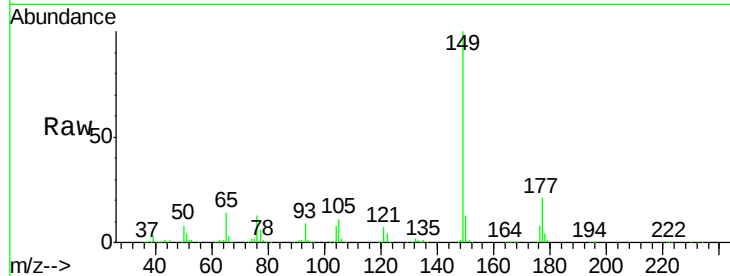
#59
Diethylphthalate
Concen: 38.86 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	20.5	16.2	24.2
150	13.1	10.6	15.8

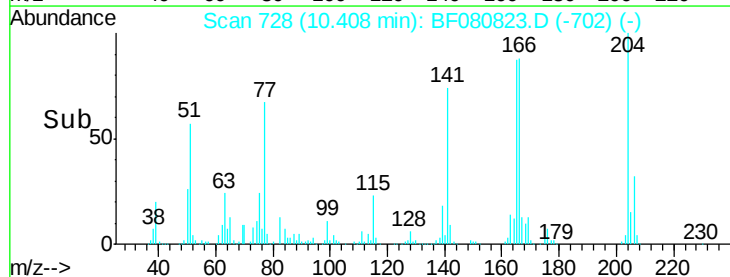
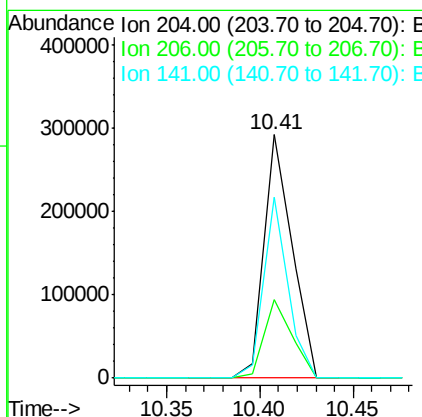
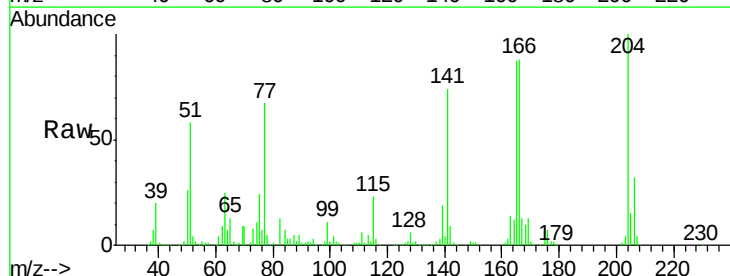
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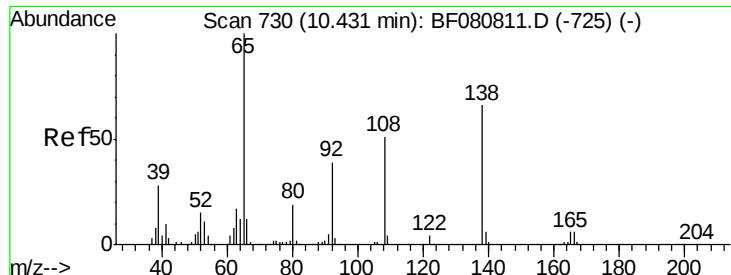
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 37.49 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.1	25.6	38.4
141	74.5	61.2	91.8





#61

4-Nitroaniline

Concen: 36.01 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF080823.D

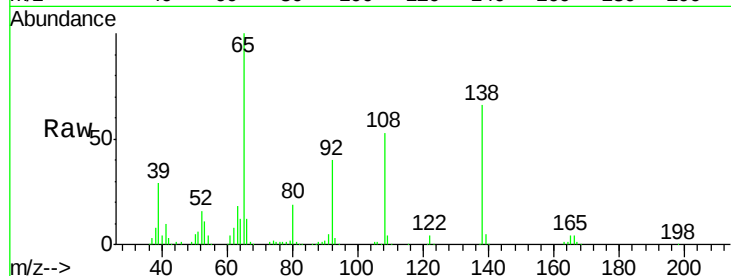
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

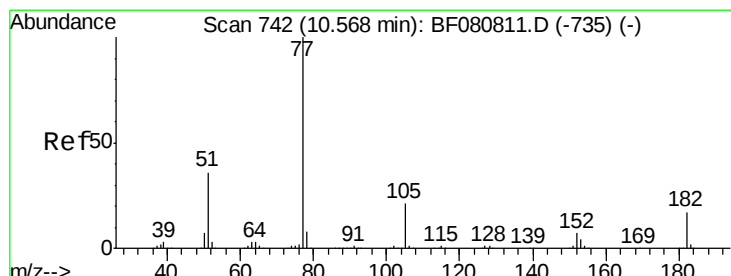
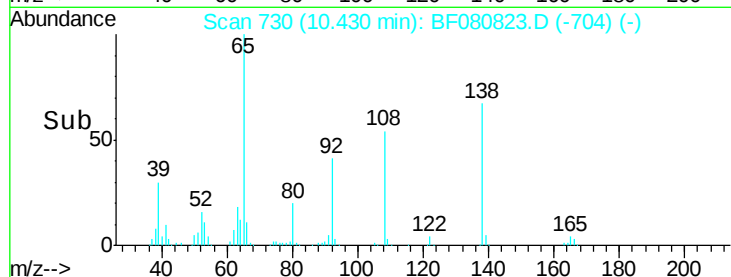
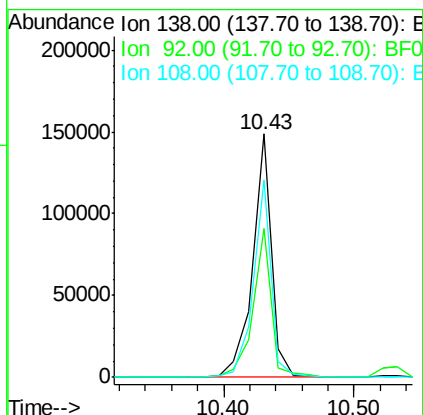
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Tgt Ion	Ratio	Resp	Lower	Upper
138	100	150073		
92	61.1	38.7	78.7	
108	80.9	56.8	96.8	

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8/5/2015 2:28:42 PM



#62

Azobenzene

Concen: 40.97 ng

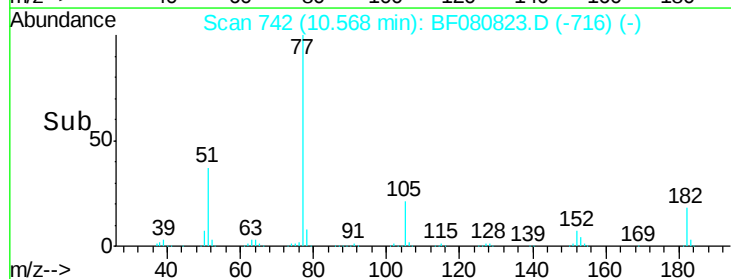
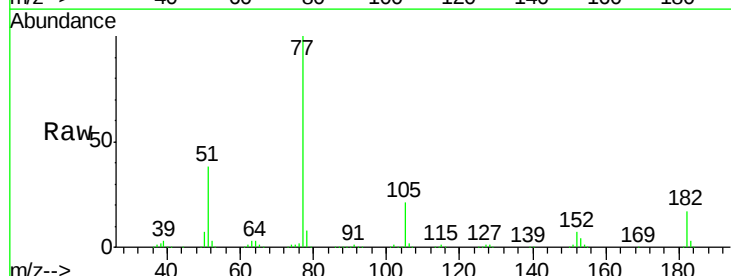
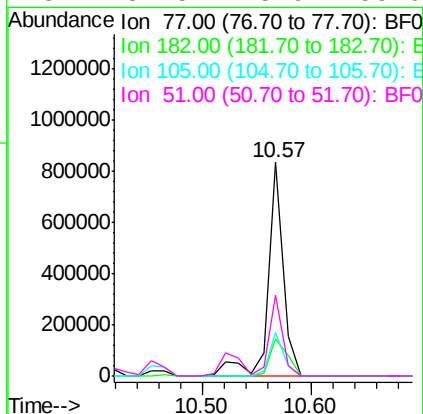
RT: 10.57 min Scan# 742

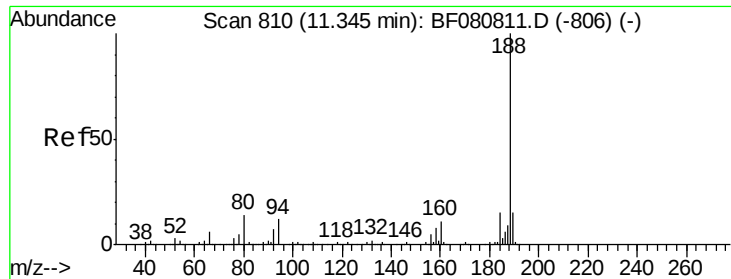
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	822624		
182	17.5	0.0	37.4	
105	20.7	0.9	40.9	
51	37.5	15.9	55.9	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080823.D

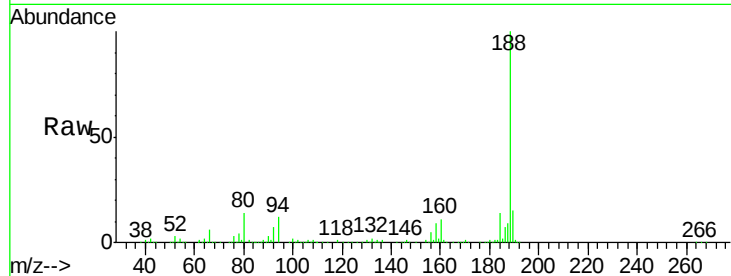
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS



Tgt Ion:188 Resp: 405611

Ion Ratio Lower Upper

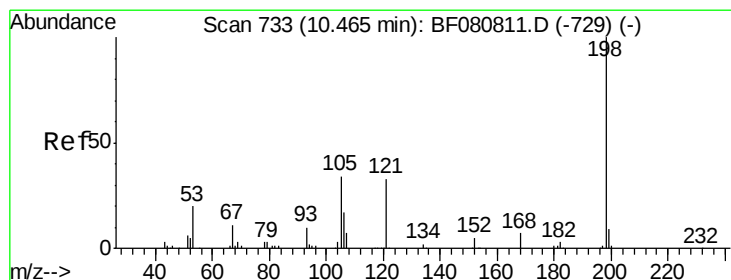
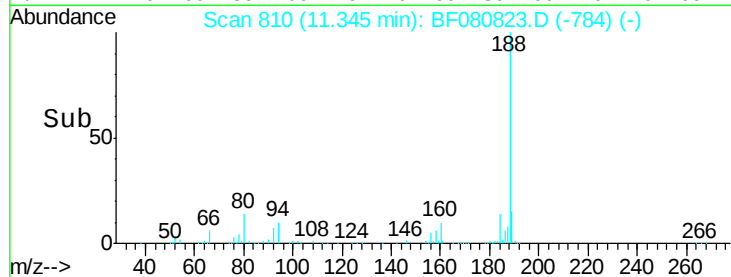
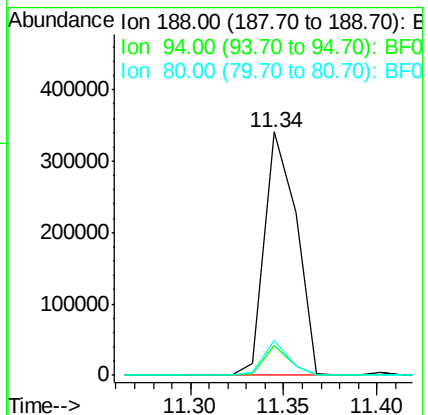
188 100

94 12.5 9.7 14.5

80 14.4 11.2 16.8

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8/5/2015 2:28:42 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 46.15 ng

RT: 10.46 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

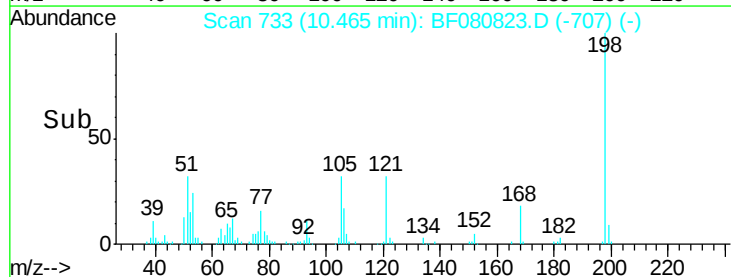
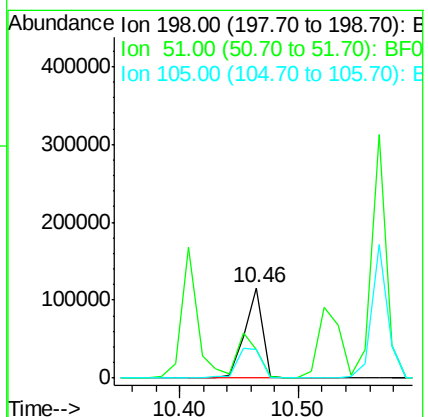
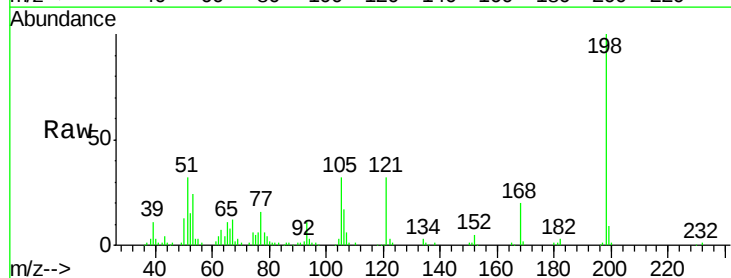
Tgt Ion:198 Resp: 121496

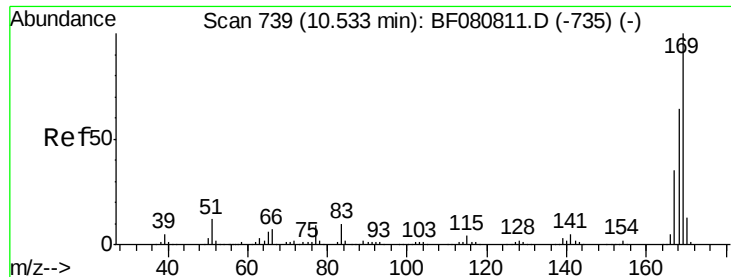
Ion Ratio Lower Upper

198 100

51 32.4 13.9 53.9

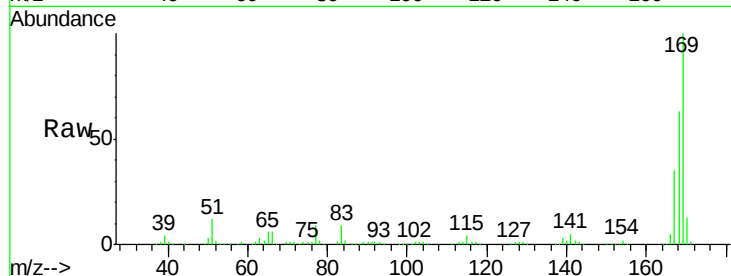
105 32.0 14.1 54.1





#65
 n-Nitrosodiphenylamine
 Concen: 45.42 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

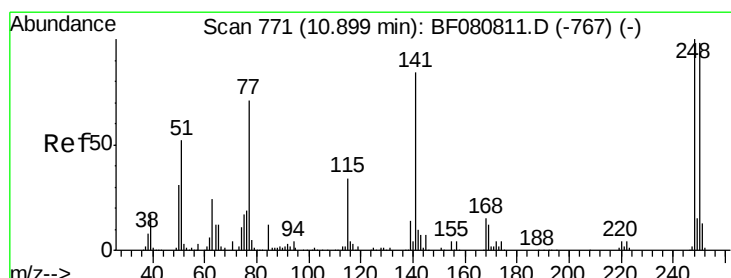
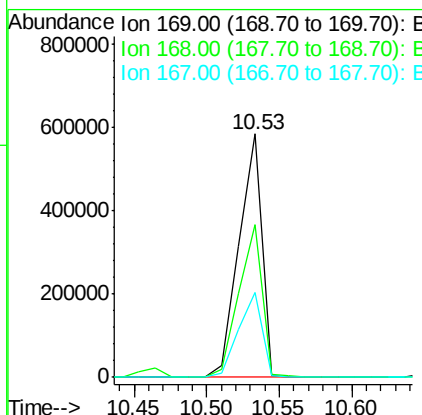
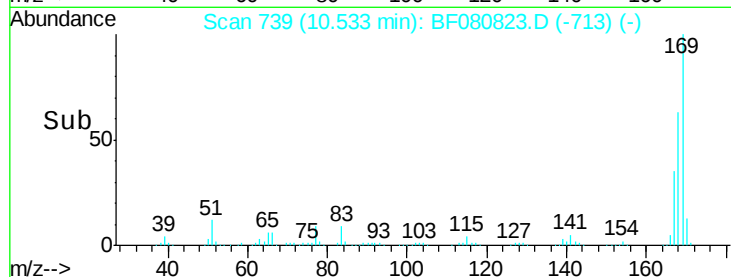
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS



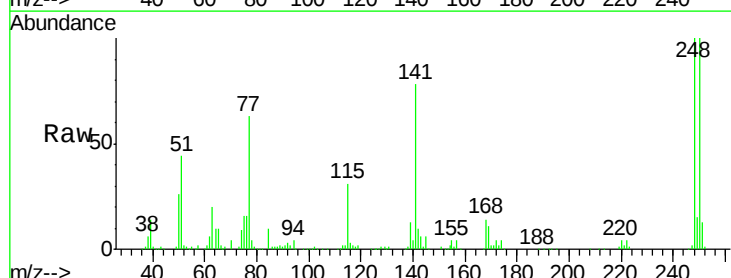
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	642478		
168	62.8		50.9	76.3
167	34.9		27.7	41.5

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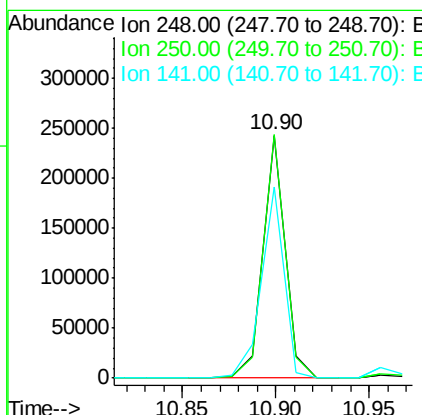
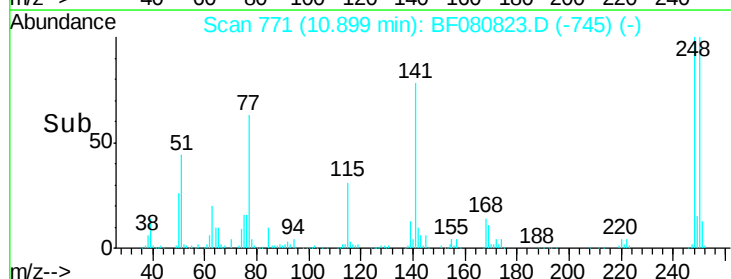
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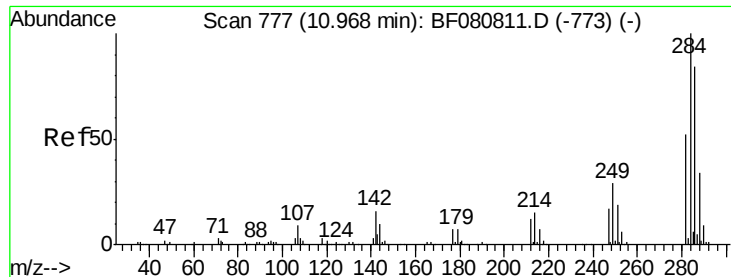


#66
 4-Bromophenyl-phenylether
 Concen: 44.54 ng
 RT: 10.90 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	198164		
250	100.4		78.4	117.6
141	78.7		67.3	100.9





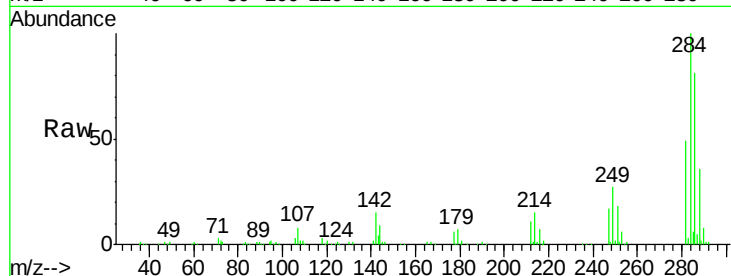
#67
Hexachlorobenzene
Concen: 46.11 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

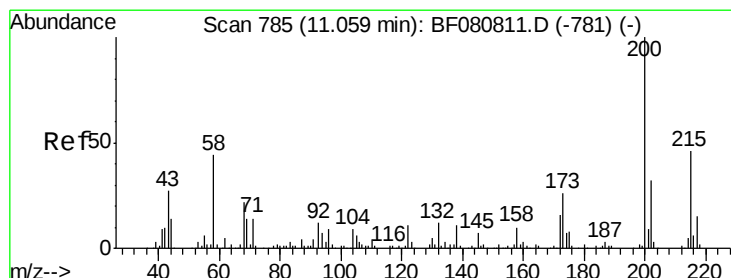
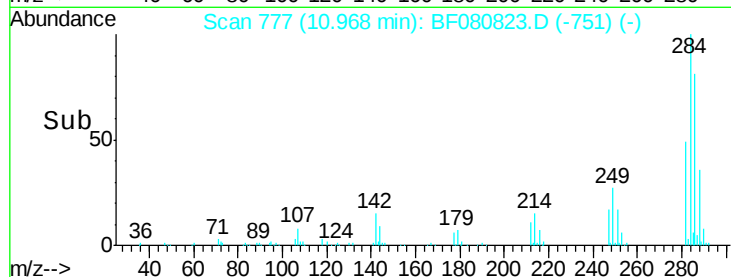
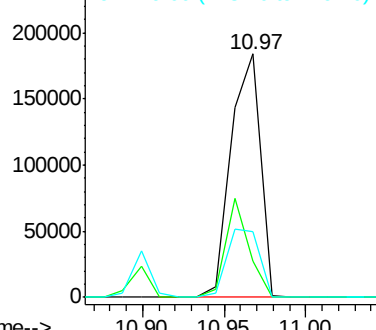
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	15.0	13.0	19.4
249	26.9	22.9	34.3

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8/5/2015 2:28:42 PM

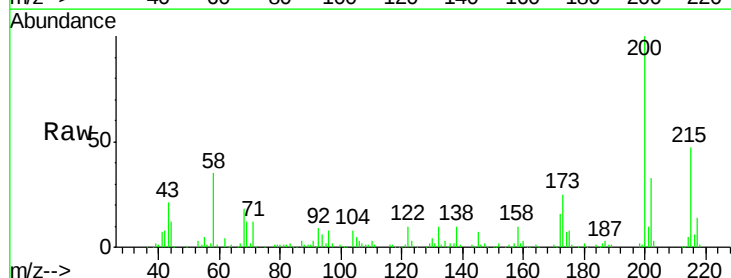


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

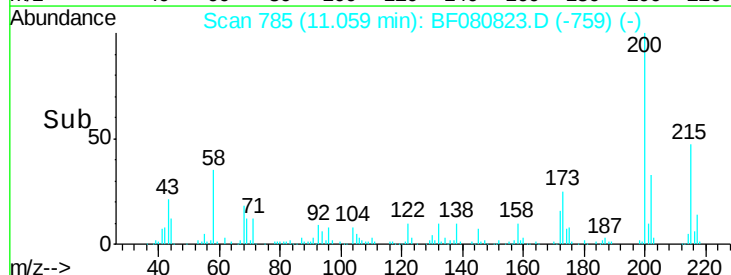
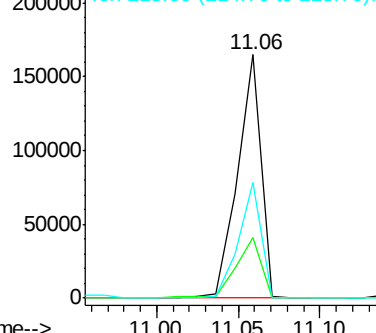


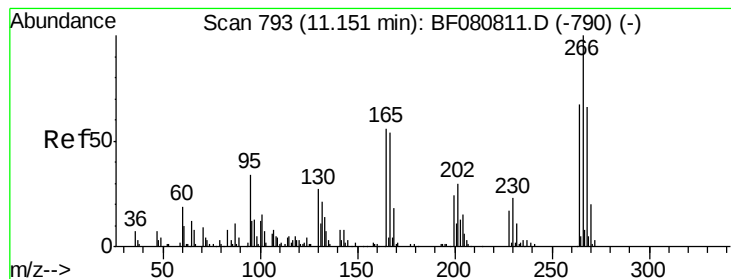
#68
Atrazine
Concen: 50.77 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	6.0	46.0
215	47.3	26.4	66.4



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: 90.86 ng

RT: 11.15 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

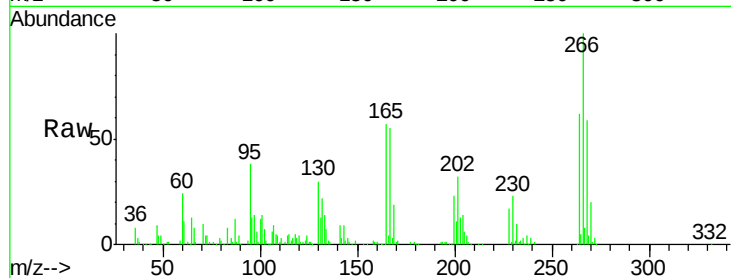
ClientSampleId :

PB84720BS

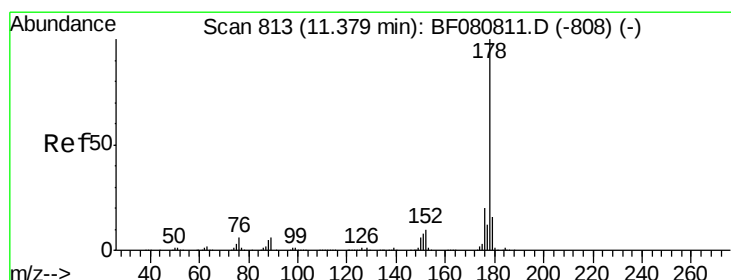
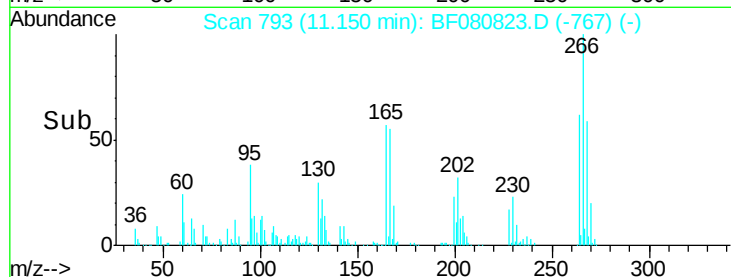
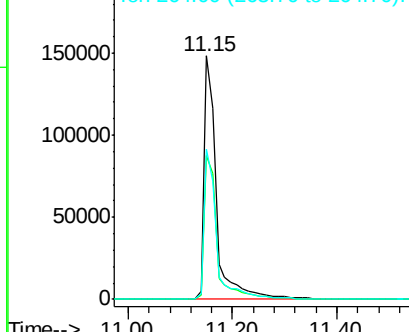
Tgt Ion:	266	Resp:	245420
Ion Ratio	Lower	Upper	
266	100		
268	59.3	52.7	79.1
264	61.9	53.4	80.0

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8/5/2015 2:28:42 PM



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: 44.13 ng

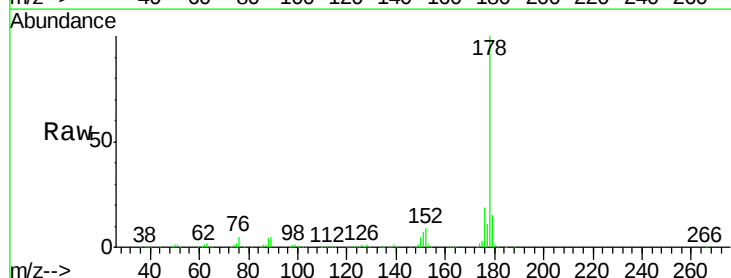
RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

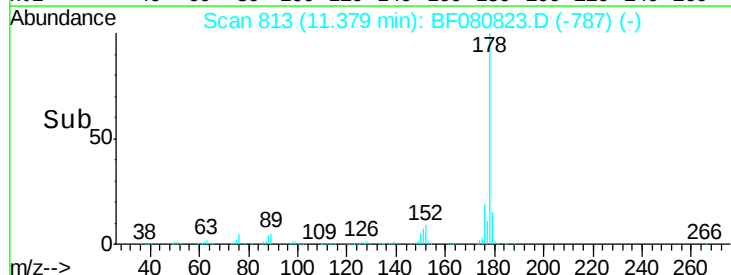
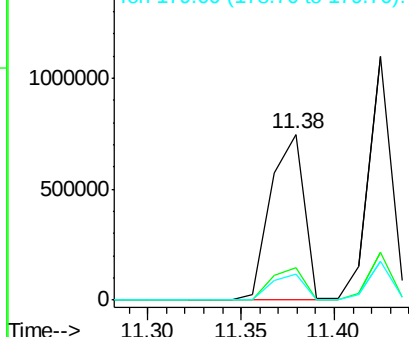
Lab File: BF080823.D

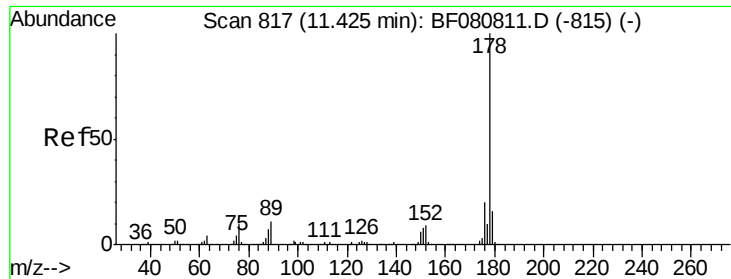
Acq: 4 Aug 2015 2:40

Tgt Ion:	178	Resp:	931635
Ion Ratio	Lower	Upper	
178	100		
176	19.4	16.3	24.5
179	15.4	12.6	19.0



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





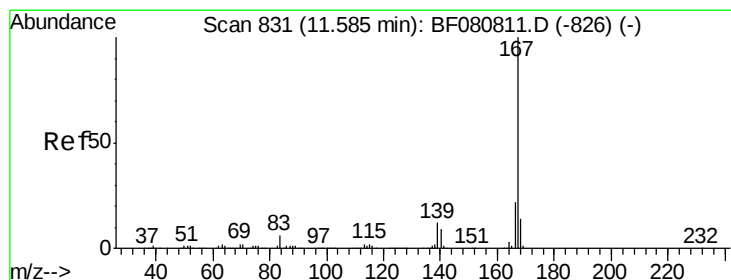
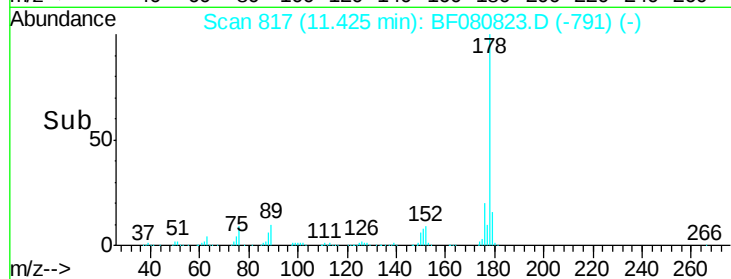
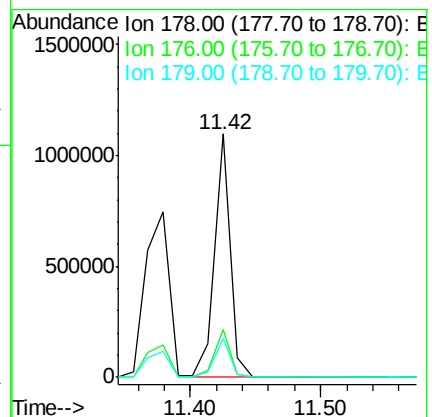
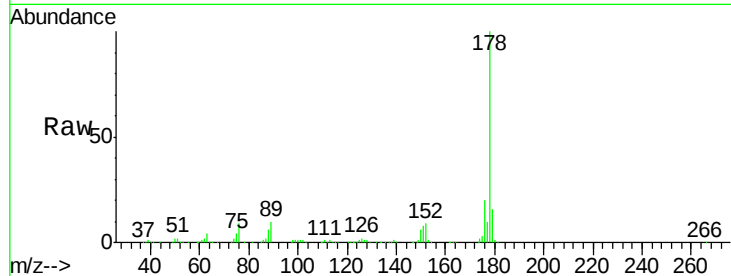
#71
 Anthracene
 Concen: 44.08 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.9	13.0	19.4

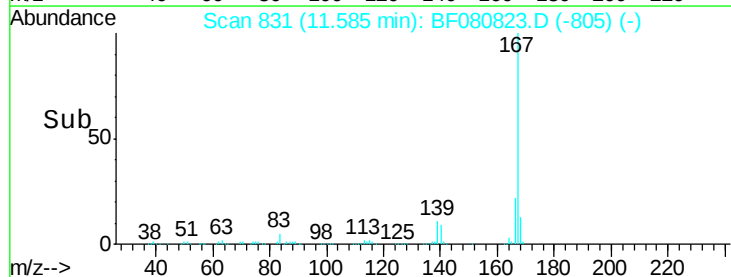
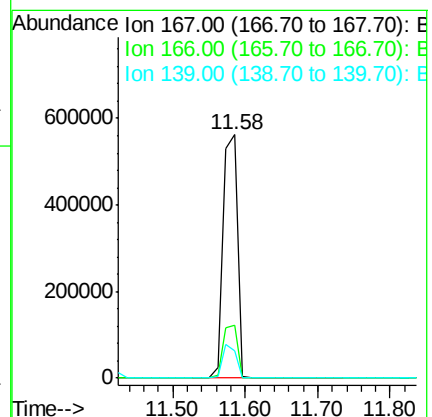
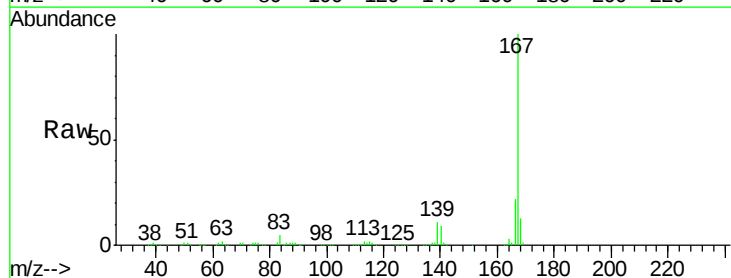
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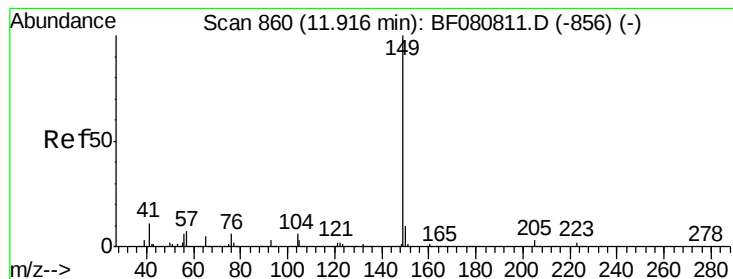
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#72
 Carbazole
 Concen: 43.42 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.0	27.0
139	11.4	9.6	14.4





#73

Di-n-butylphthalate

Concen: 44.38 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

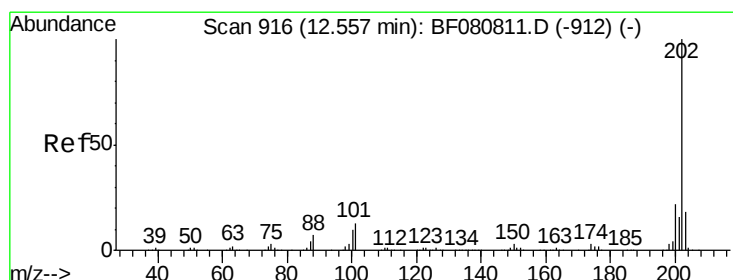
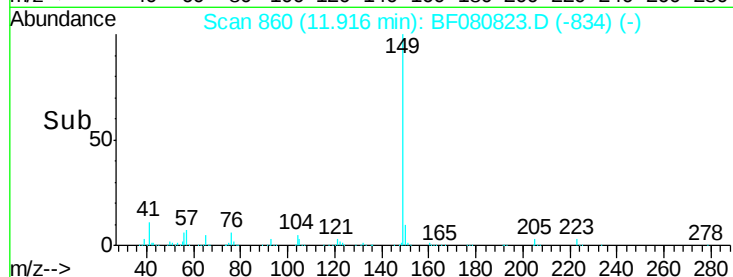
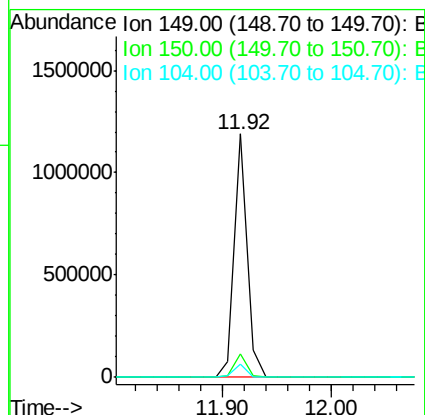
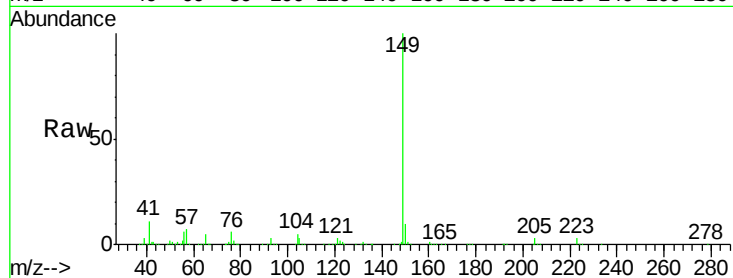
ClientSampleId :

PB84720BS

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Tgt Ion	Ratio	Resp	Lower	Upper
149	100	962121		
150	9.6	7.8	11.8	
104	5.3	4.6	6.8	



#74

Fluoranthene

Concen: 44.14 ng

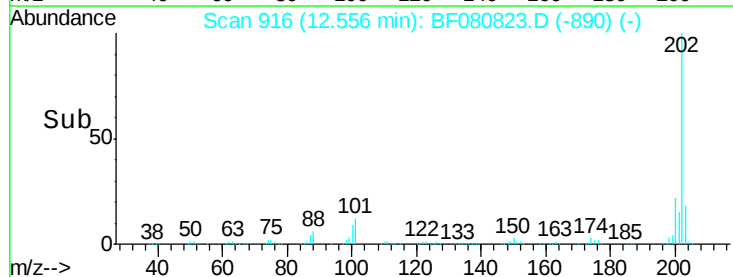
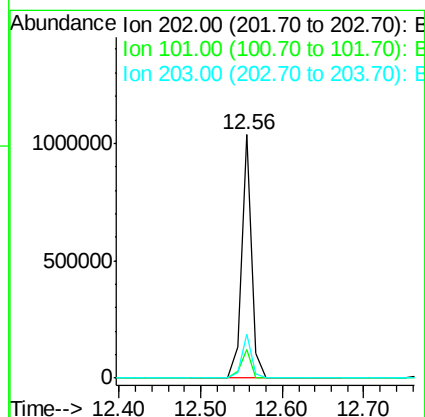
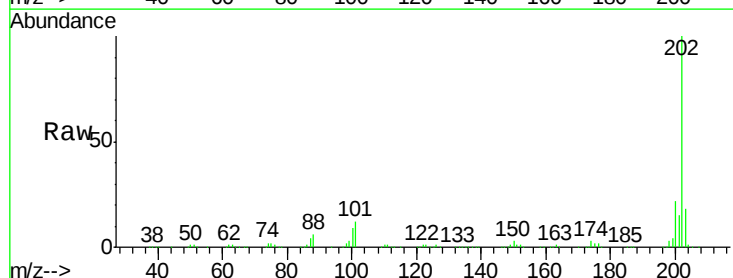
RT: 12.56 min Scan# 916

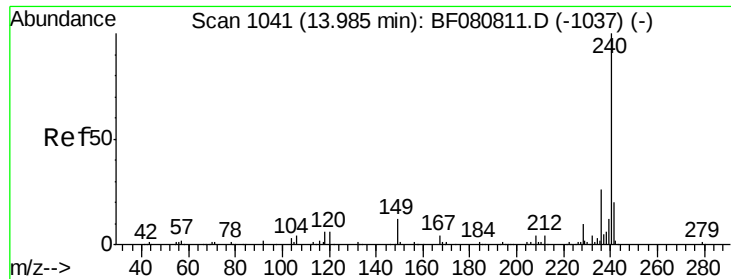
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	884657		
101	11.6	0.0	33.0	
203	18.1	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

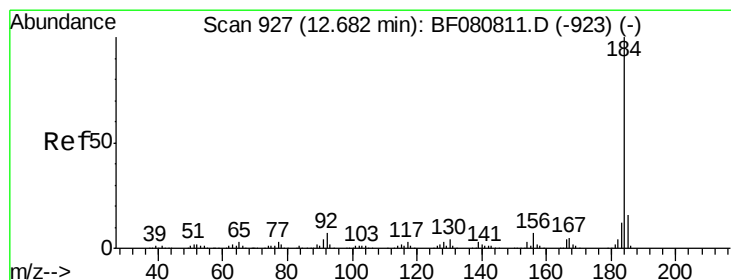
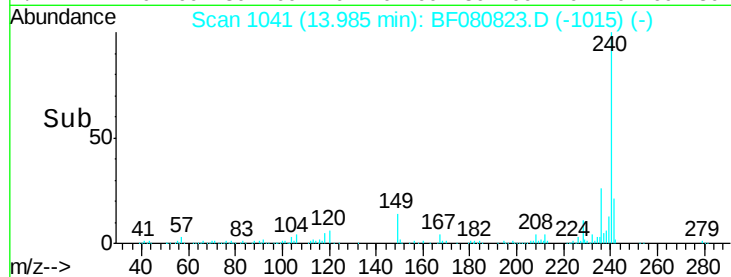
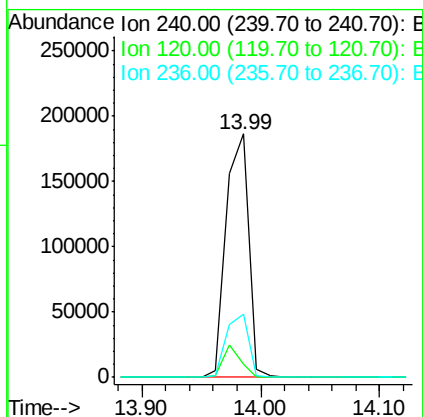
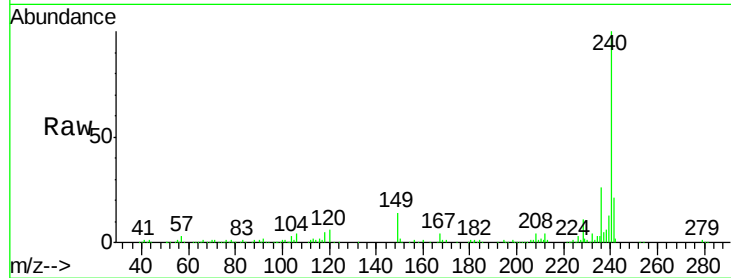
ClientSampleId :

PB84720BS

Tgt Ion:	240	Resp:	245533
Ion Ratio	Lower	Upper	
240	100		
120	5.5	5.0	7.4
236	25.7	20.8	31.2

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#76

Benzidine

Concen: 59.23 ng

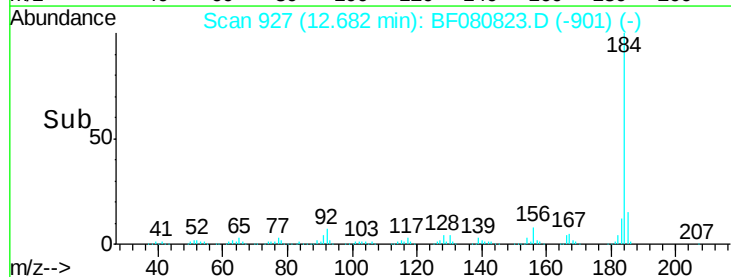
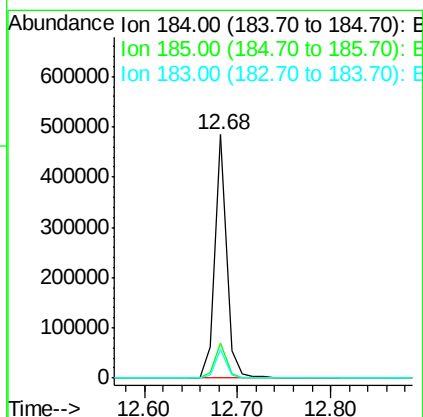
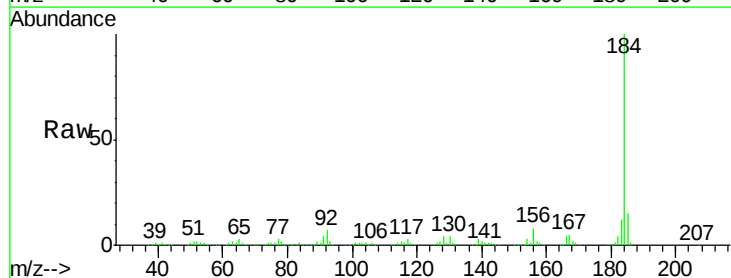
RT: 12.68 min Scan# 927

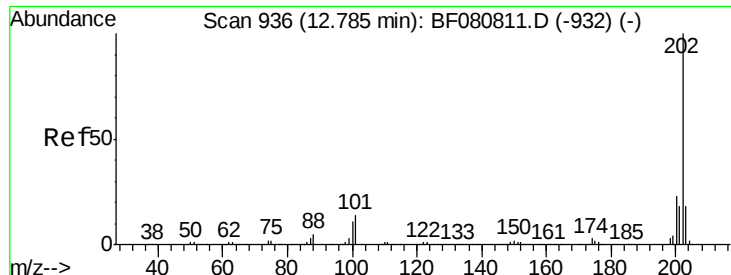
Delta R.T. 0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion:	184	Resp:	428916
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.8	9.3	13.9





#77

Pyrene

Concen: 50.78 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.00 min

Lab File: BF080823.D

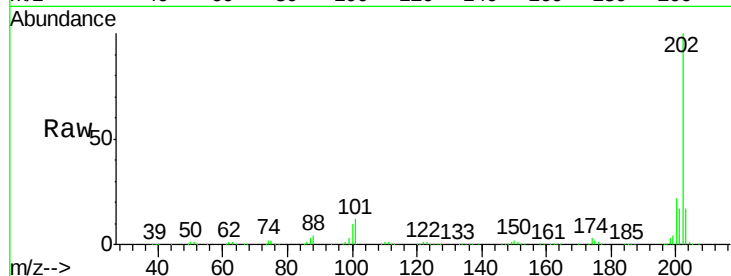
Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

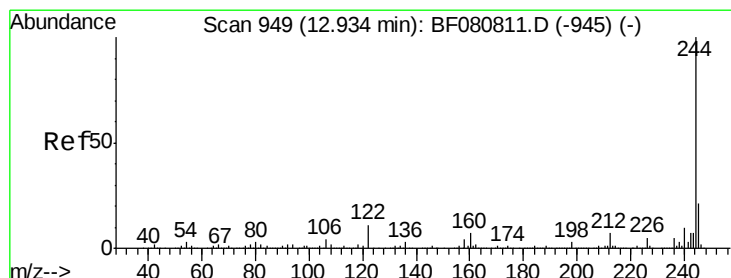
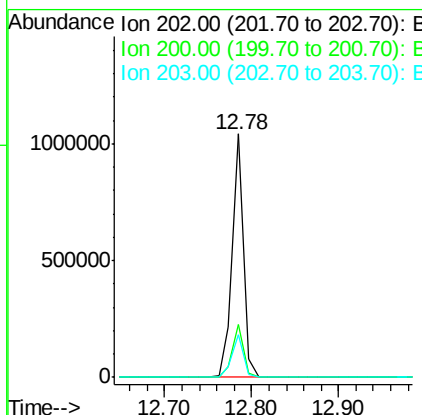
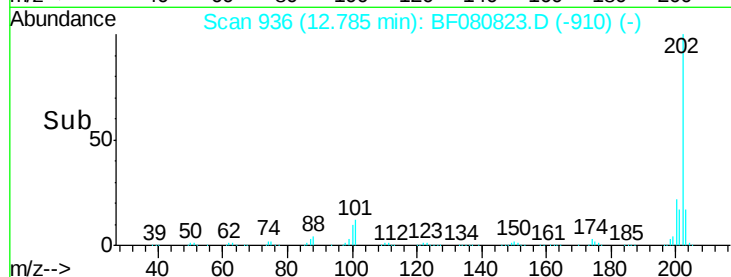
PB84720BS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.2	27.4
203	17.3	14.8	22.2

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#78

Terphenyl-d14

Concen: 88.51 ng

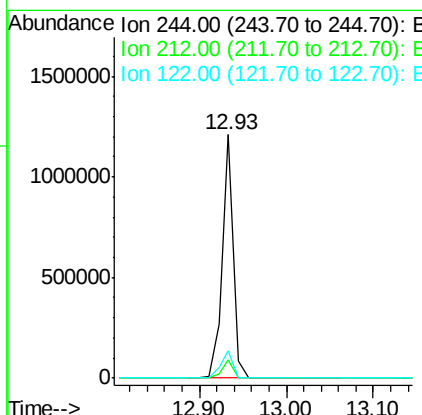
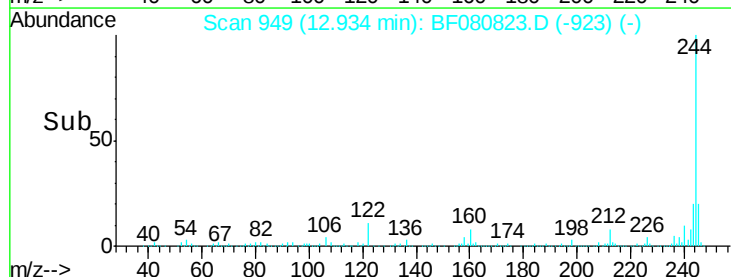
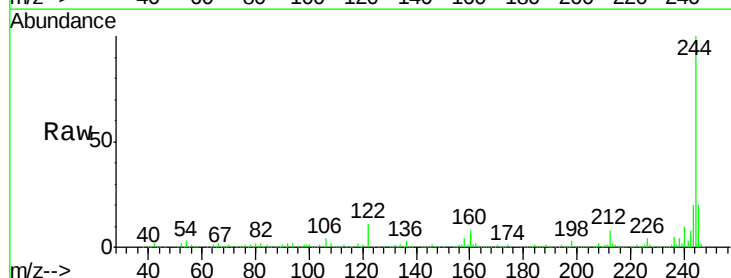
RT: 12.93 min Scan# 949

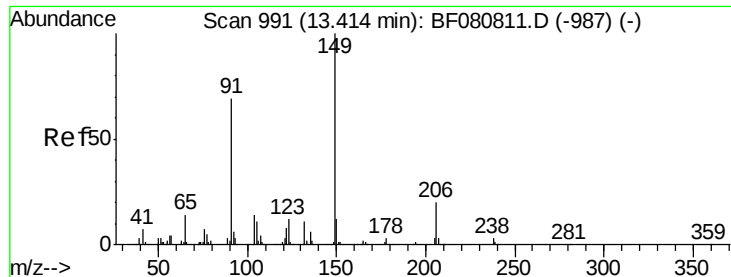
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	11.0	9.1	13.7





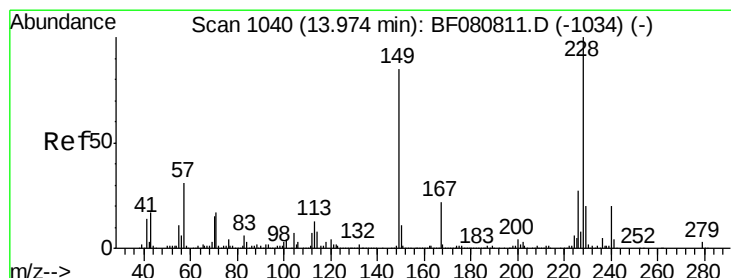
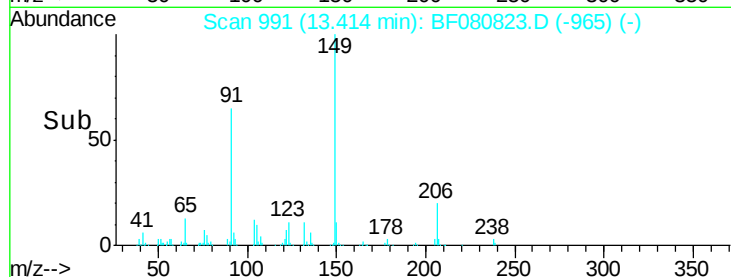
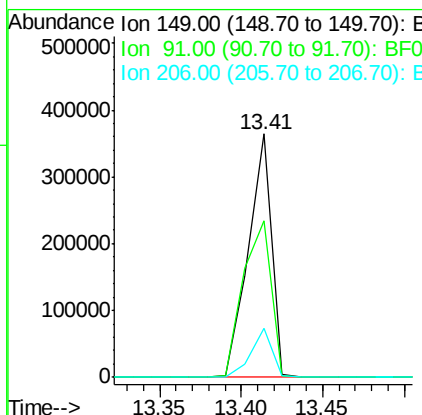
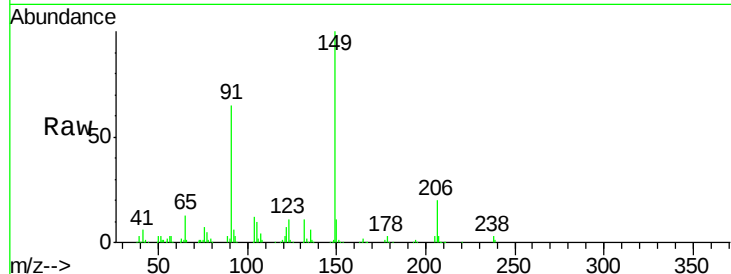
#79
Butylbenzylphthalate
Concen: 50.17 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	64.5	55.4	83.2
206	20.1	15.8	23.6

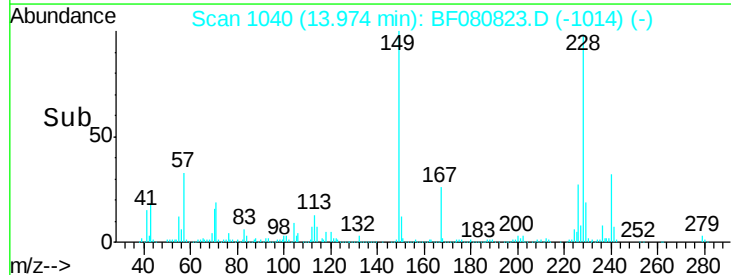
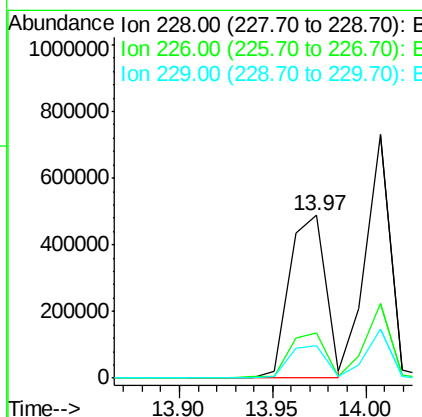
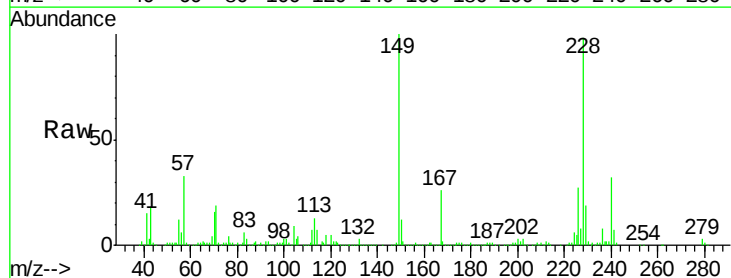
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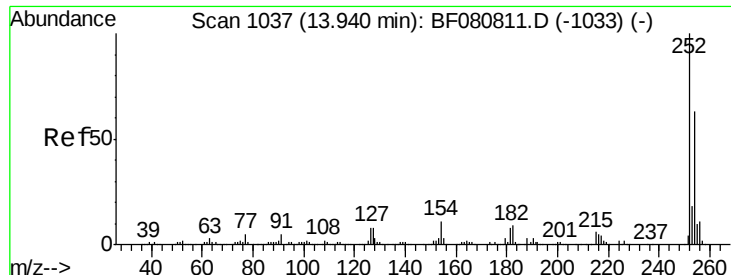
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#80
Benzo(a)anthracene
Concen: 47.46 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.6	21.6	32.4
229	19.6	15.7	23.5





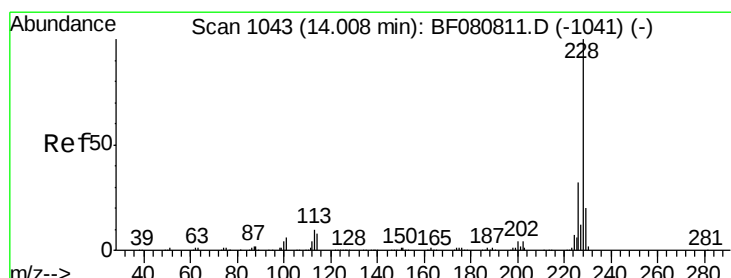
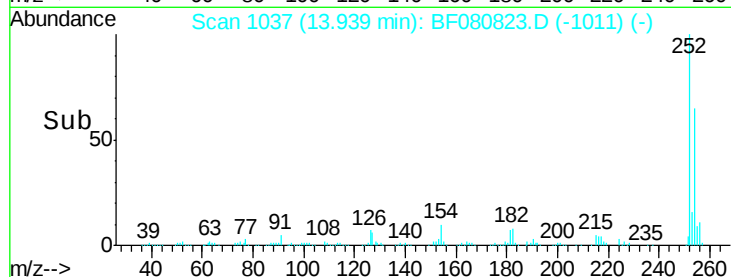
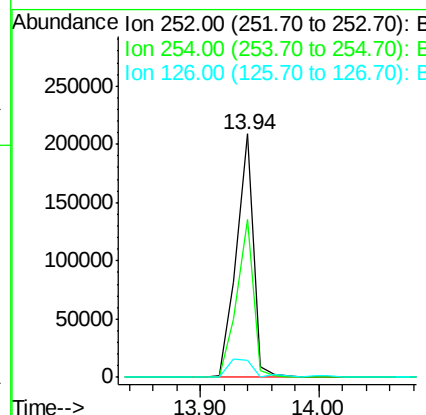
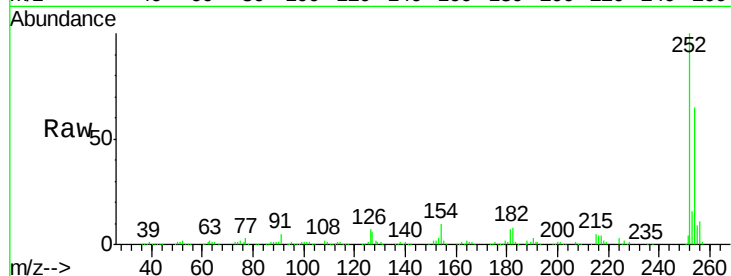
#81
 3,3'-Dichlorobenzidine
 Concen: 42.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	50.1	75.1
126	6.8	6.2	9.4

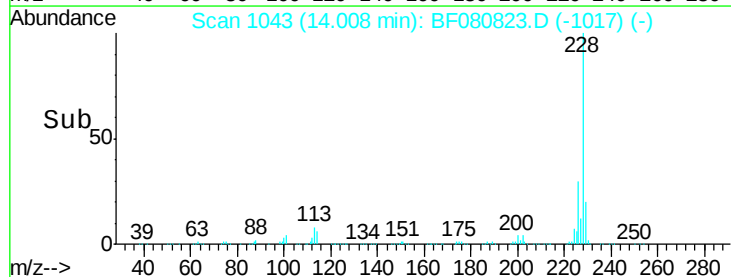
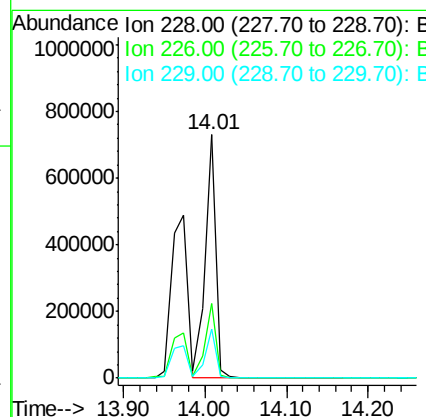
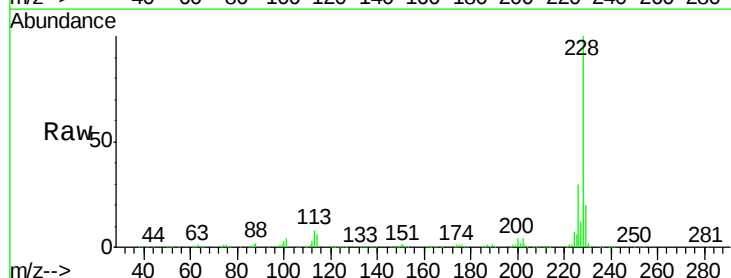
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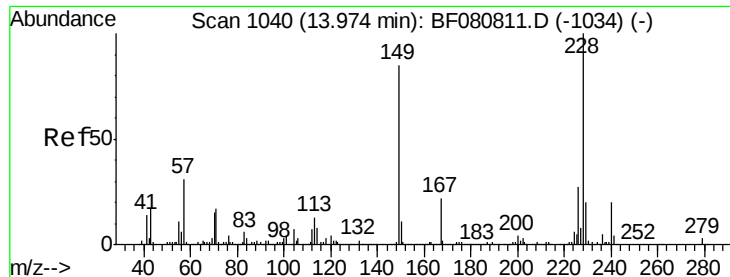
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#82
 Chrysene
 Concen: 49.51 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.0	37.6
229	20.4	16.1	24.1





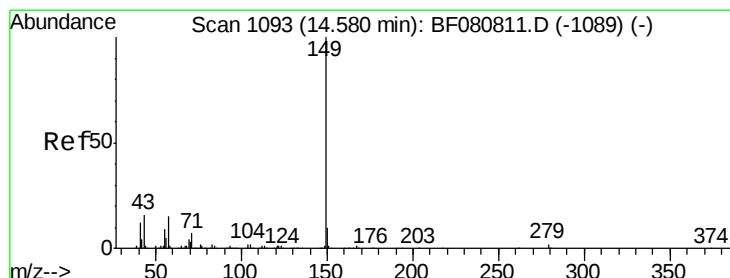
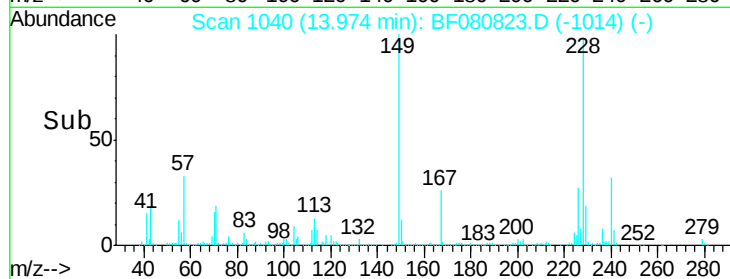
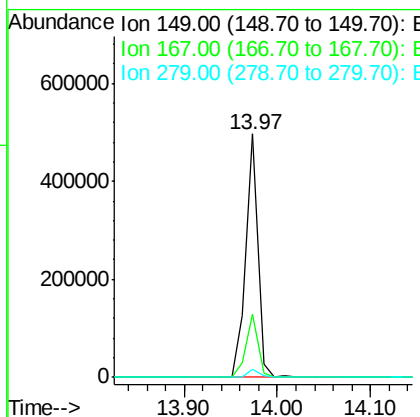
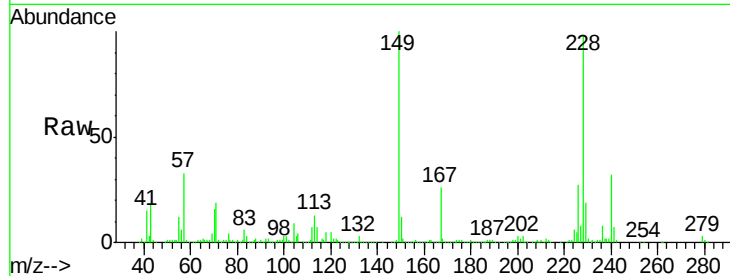
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.20 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	451729		
167	25.7	20.4	30.6	
279	3.3	2.4	3.6	

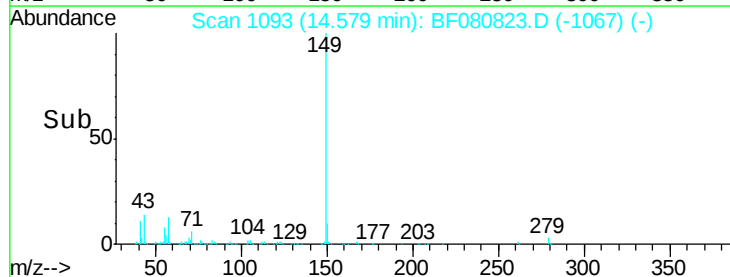
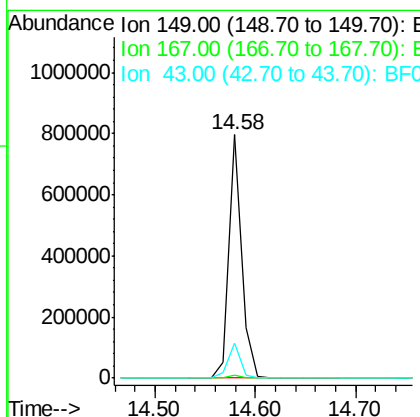
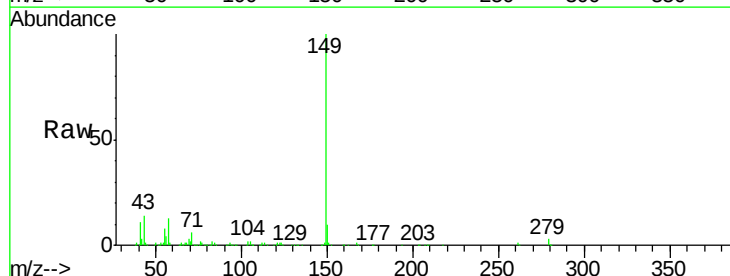
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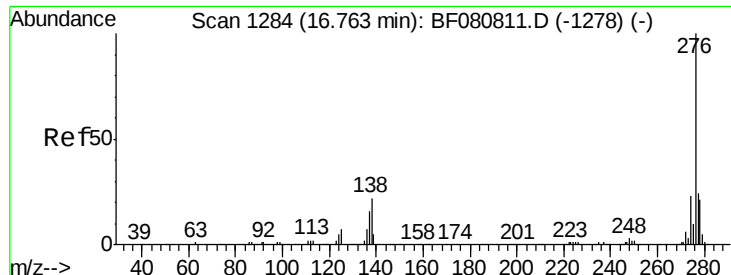
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#84
 Di-n-octyl phthalate
 Concen: 50.44 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	703660		
167	1.4	1.1	1.7	
43	14.5	11.8	17.8	





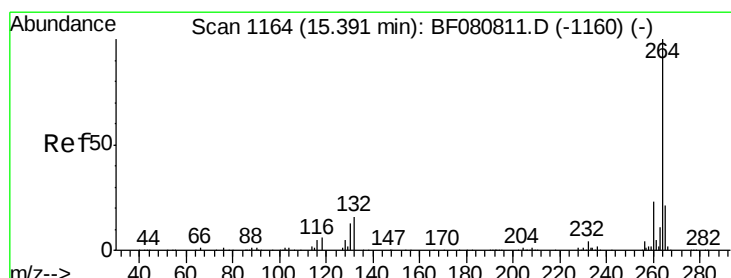
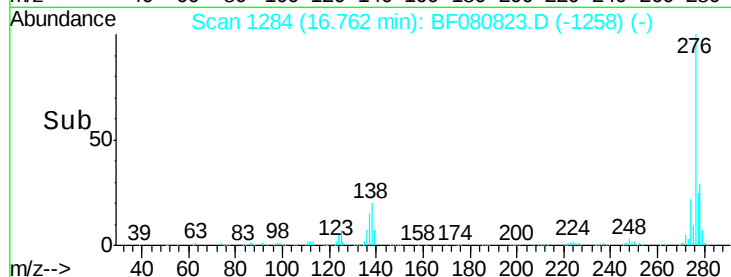
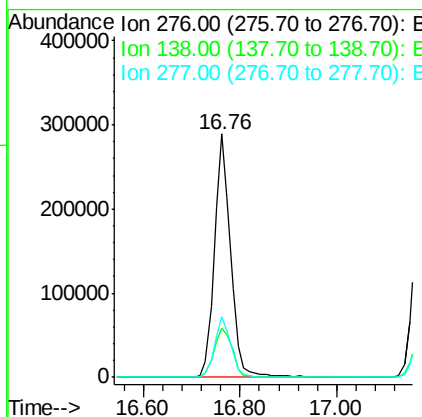
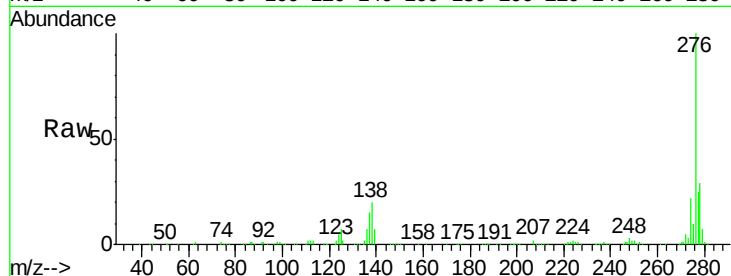
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.98 ng
 RT: 16.76 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.9	18.6	27.8
277	25.3	20.1	30.1

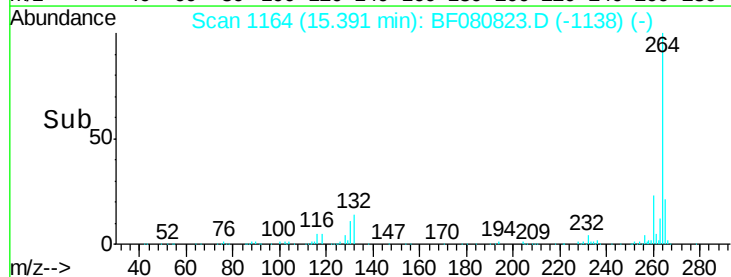
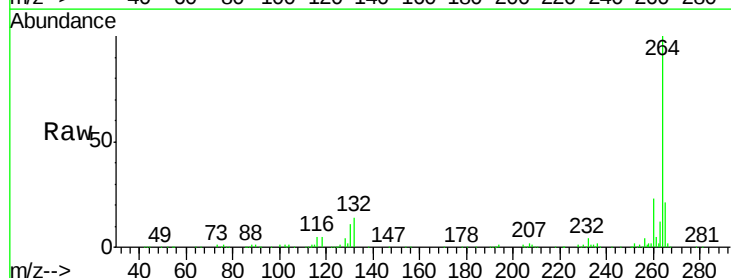
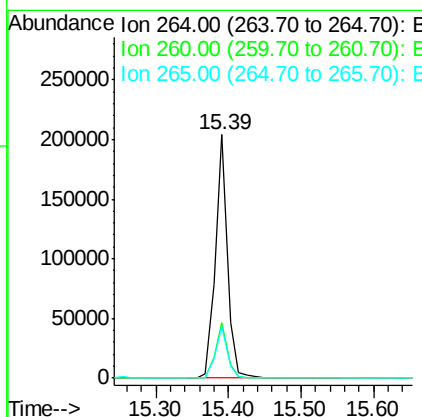
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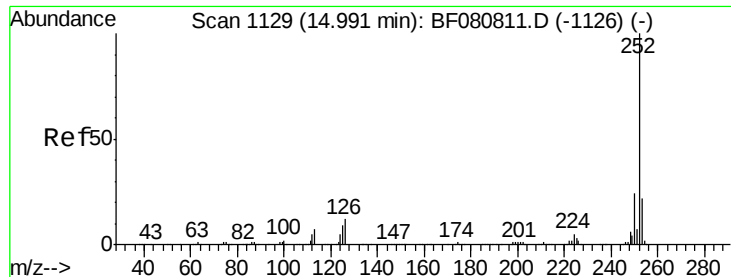
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080823.D
 Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.5	18.3	27.5
265	21.3	17.0	25.6





#87

Benzo(b)fluoranthene

Concen: 42.46 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

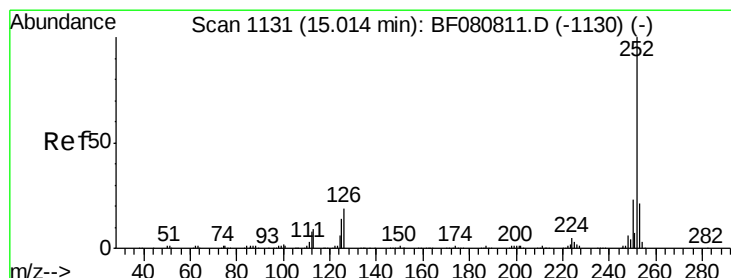
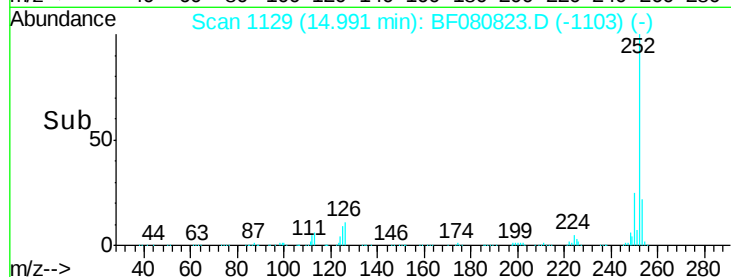
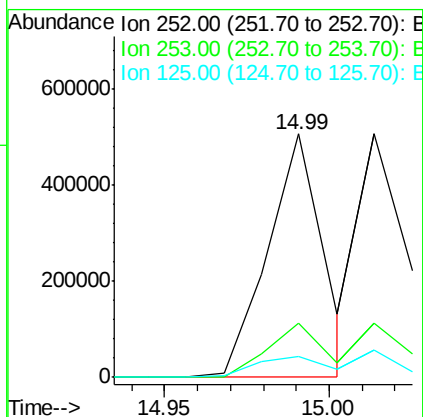
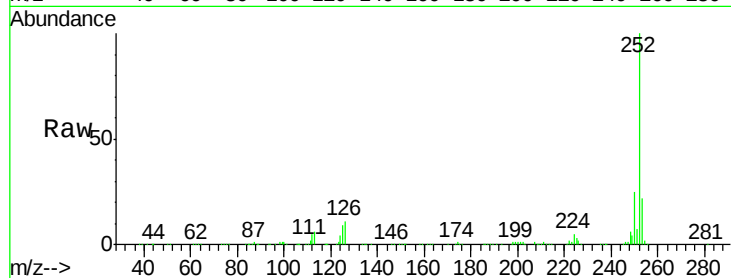
ClientSampleId :

PB84720BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	589780		
253	22.3	17.5	26.3	
125	8.7	7.4	11.0	

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#88

Benzo(k)fluoranthene

Concen: 42.60 ng m

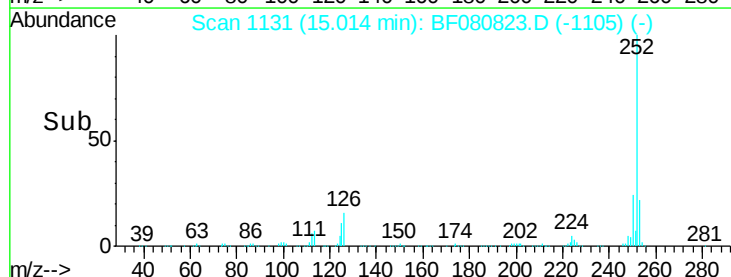
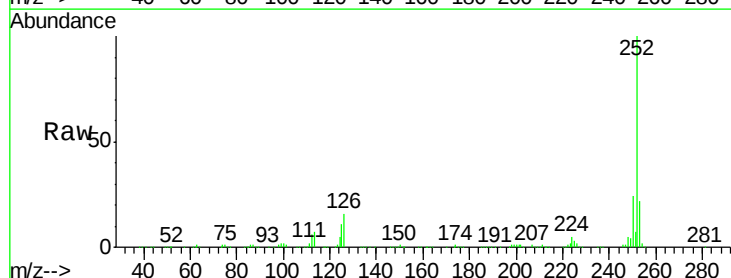
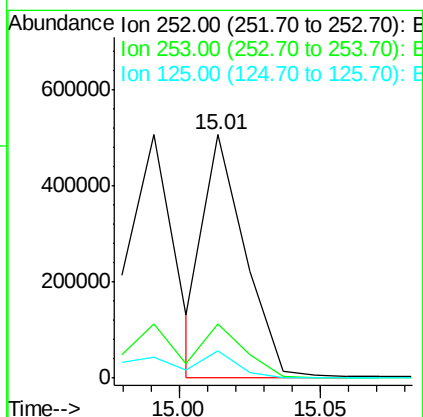
RT: 15.01 min Scan# 1131

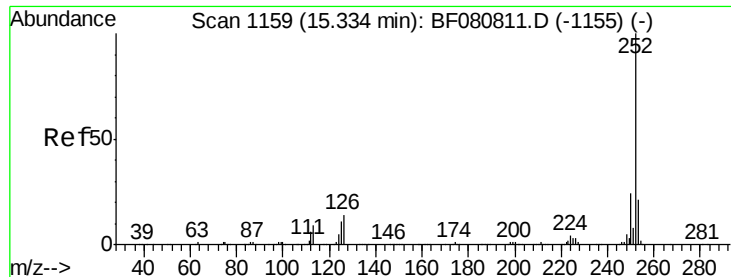
Delta R.T. -0.00 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	516487		
253	22.1	17.4	26.0	
125	11.0	9.9	14.9	





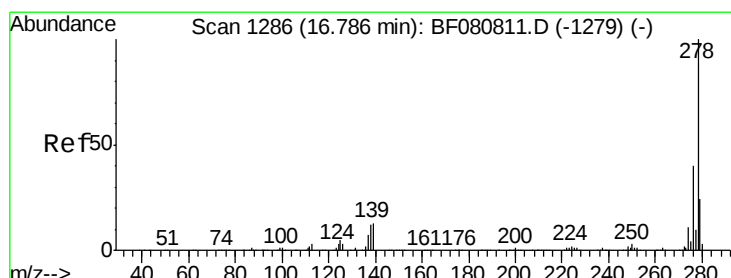
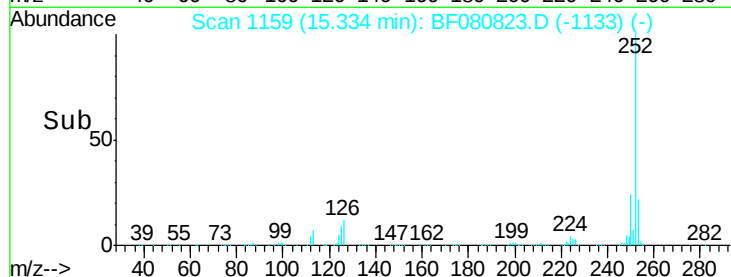
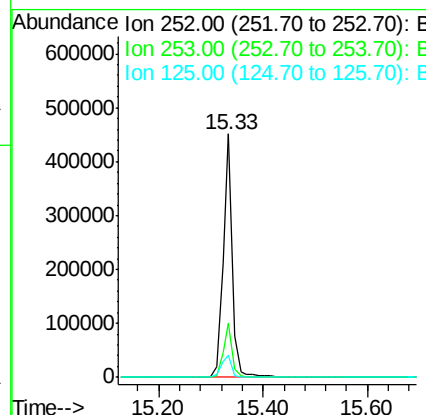
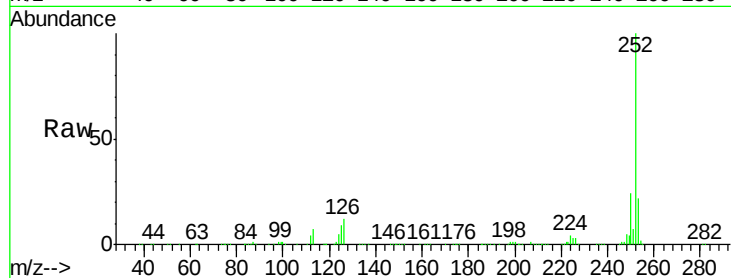
#89
Benzo(a)pyrene
Concen: 45.63 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Instrument :
BNA_F
ClientSampleId :
PB84720BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.0	17.2	25.8
125	9.1	8.9	13.3

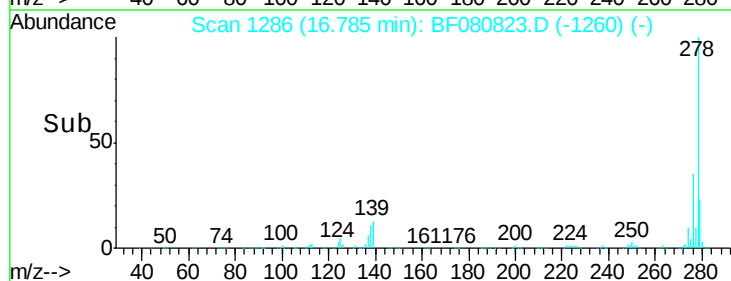
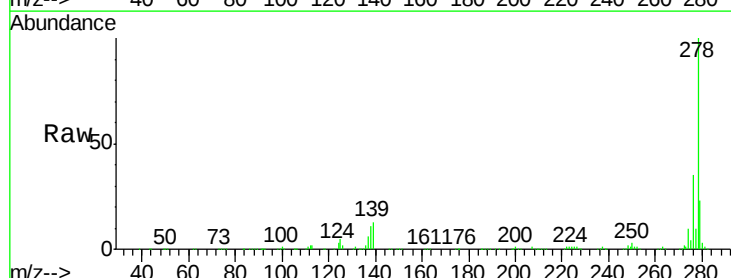
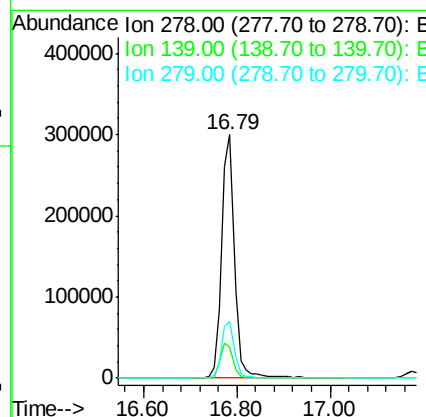
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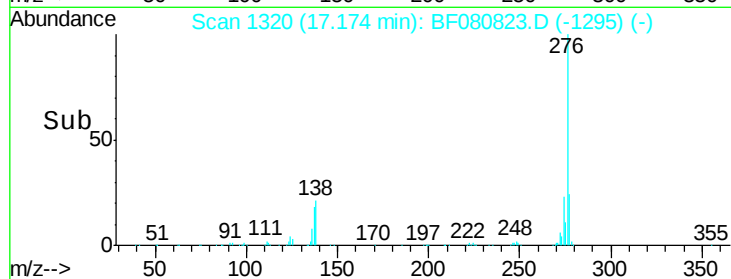
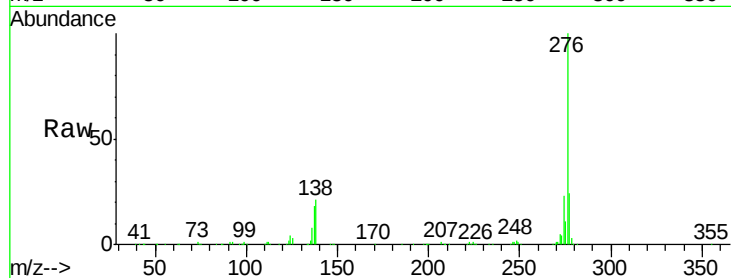
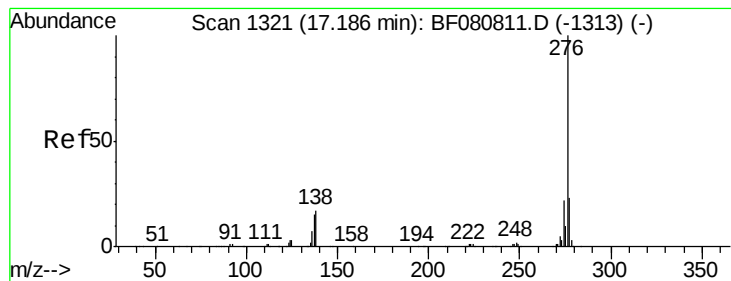
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#90
Dibenzo(a,h)anthracene
Concen: 49.51 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF080823.D
Acq: 4 Aug 2015 2:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	12.8	10.7	16.1
279	23.1	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 49.92 ng

RT: 17.17 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF080823.D

Acq: 4 Aug 2015 2:40

Instrument :

BNA_F

ClientSampleId :

PB84720BS

Tgt Ion:	276	Resp:	600064
Ion Ratio		Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.9	13.3	19.9#

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