

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080615\
 Data File : BF080897.D
 Acq On : 6 Aug 2015 19:30
 Operator : TP/UM
 Sample : PB84873BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 10:15:19 AM

Quant Time: Aug 07 07:08:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 07 03:17:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	52985	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	205427	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	101789	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	200116	20.00	ng	0.00
75) Chrysene-d12	13.96	240	176357	20.00	ng	0.00
86) Perylene-d12	15.36	264	183116	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	379873	114.29	ng	0.01
7) Phenol-d6	6.44	99	499527	109.18	ng	0.00
23) Nitrobenzene-d5	7.38	82	336487	77.16	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	129294	118.26	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	549559	76.95	ng	0.00
78) Terphenyl-d14	12.91	244	606302	72.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	47614	29.57	ng	98
3) Pyridine	3.09	79	148604	32.82	ng	96
4) n-Nitrosodimethylamine	3.04	42	76361	32.60	ng	95
6) Aniline	6.46	93	160986	23.72	ng	99
8) 2-Chlorophenol	6.59	128	142936	37.88	ng	98
9) Benzaldehyde	6.35	77	24292	7.71	ng	96
10) Phenol	6.45	94	193025	35.16	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	134055	34.49	ng	100
12) 1,3-Dichlorobenzene	6.75	146	146244	35.72	ng	97
13) 1,4-Dichlorobenzene	6.83	146	140931	33.81	ng	98
14) 1,2-Dichlorobenzene	6.98	146	134370	35.16	ng	99
15) Benzyl Alcohol	6.96	79	136144	37.51	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	277274	34.75	ng	99
17) 2-Methylphenol	7.07	107	128071	37.87	ng	98
18) Hexachloroethane	7.32	117	53243	33.63	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	115097	35.33	ng	# 92
20) 3+4-Methylphenols	7.22	107	142050	34.65	ng	96
22) Acetophenone	7.22	105	186675	36.34	ng	94
24) Nitrobenzene	7.39	77	151629	34.12	ng	96
25) Isophorone	7.63	82	286064	34.23	ng	94
26) 2-Nitrophenol	7.71	139	72320	38.77	ng	96
27) 2,4-Dimethylphenol	7.76	122	145060	40.54	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	173509	35.02	ng	100
29) 2,4-Dichlorophenol	7.95	162	111934	39.24	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	114623	36.24	ng	99
31) Naphthalene	8.12	128	402727	36.13	ng	100
32) Benzoic acid	7.87	122	95857	42.12	ng	95
33) 4-Chloroaniline	8.17	127	89514	19.43	ng	94
34) Hexachlorobutadiene	8.24	225	63178	35.11	ng	99
35) Caprolactam	8.53	113	42316m	39.74	ng	
36) 4-Chloro-3-methylphenol	8.65	107	134022	39.00	ng	99
37) 2-Methylnaphthalene	8.81	142	270909	39.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	107235	34.58	ng	98
40) Hexachlorocyclopentadiene	8.97	237	148003	83.19	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	78085	34.14	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	89716	38.68	nq	92
45) 1,1'-Biphenyl	9.28	154	331470	38.49	nq	98
46) 2-Chloronaphthalene	9.30	162	252939	37.57	nq	96
47) 2-Nitroaniline	9.39	65	111472	40.71	nq	95
48) Acenaphthylene	9.71	152	454383	38.48	nq	99
49) Dimethylphthalate	9.57	163	284407	35.18	nq	99
50) 2,6-Dinitrotoluene	9.63	165	60009	34.62	nq	93
51) Acenaphthene	9.88	154	304383	42.42	nq	99
52) 3-Nitroaniline	9.80	138	52157	24.34	nq	83
53) 2,4-Dinitrophenol	9.90	184	72596	76.44	nq	# 88
54) Dibenzofuran	10.05	168	380484	39.15	nq	100
55) 4-Nitrophenol	9.96	139	112782	69.73	nq	# 66
56) 2,4-Dinitrotoluene	10.03	165	86793	37.22	nq	93
57) Fluorene	10.40	166	302654	39.80	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	69372	37.48	nq	98
59) Diethylphthalate	10.27	149	323533	36.74	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	125262	35.15	nq	99
61) 4-Nitroaniline	10.41	138	77942	35.46	nq	79
62) Azobenzene	10.54	77	360194	37.33	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	52957	40.62	nq	96
65) n-Nitrosodiphenylamine	10.51	169	279368	39.18	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	81944	37.68	nq	95
67) Hexachlorobenzene	10.94	284	89110	37.89	nq	# 95
68) Atrazine	11.04	200	82575	40.11	nq	97
69) Pentachlorophenol	11.14	266	104462	79.25	nq	98
70) Phenanthrene	11.36	178	437997	37.40	nq	100
71) Anthracene	11.40	178	435800	37.81	nq	100
72) Carbazole	11.56	167	454228	39.02	nq	99
73) Di-n-butylphthalate	11.89	149	519896	36.63	nq	100
74) Fluoranthene	12.53	202	488504	38.15	nq	99
76) Benzidine	12.66	184	222612	30.90	nq	98
77) Pyrene	12.76	202	528815	40.34	nq	99
79) Butylbenzylphthalate	13.39	149	259816	41.44	nq	96
80) Benzo(a)anthracene	13.95	228	442873	38.44	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	104394	24.20	nq	# 94
82) Chrysene	13.99	228	455210	41.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	351502	40.91	nq	99
84) Di-n-octyl phthalate	14.56	149	614285	40.56	nq	98
85) Indeno(1,2,3-cd)pyrene	16.73	276	438474	40.89	nq	99
87) Benzo(b)fluoranthene	14.97	252	491743m	38.24	nq	
88) Benzo(k)fluoranthene	14.99	252	368694m	34.03	nq	
89) Benzo(a)pyrene	15.31	252	443911	40.05	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	364532	38.16	nq	99
91) Benzo(g,h,i)perylene	17.13	276	361447	39.03	nq	99

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

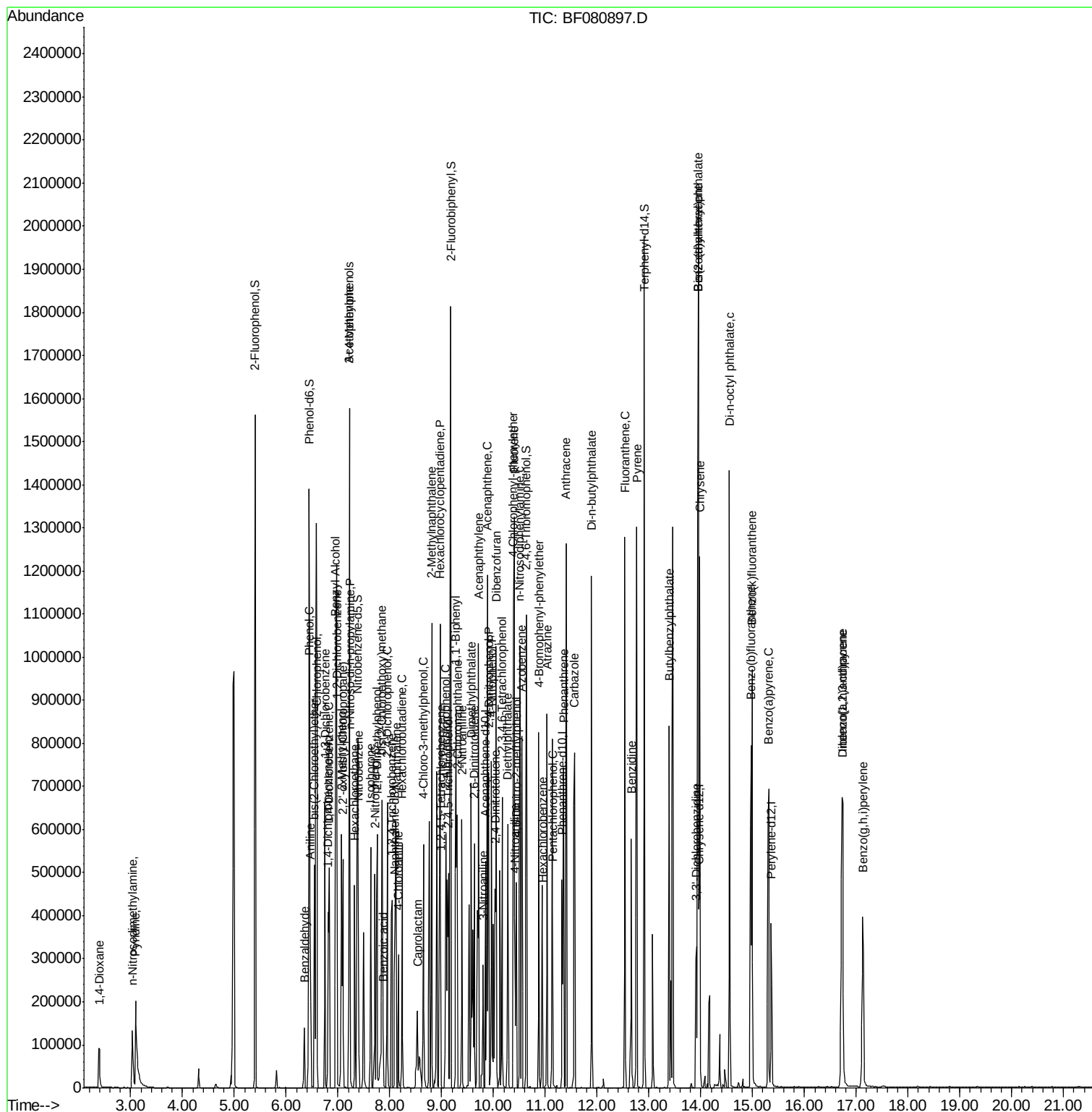
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Operator  : TP/UM
Sample    : PB84873BS
Misc      :
ALS Vial  : 15      Sample Multiplier: 1
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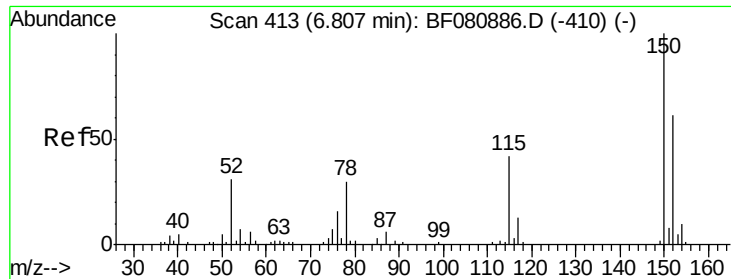
Instrument :
BNA_F
ClientSampleId :
PB84873BS

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#1

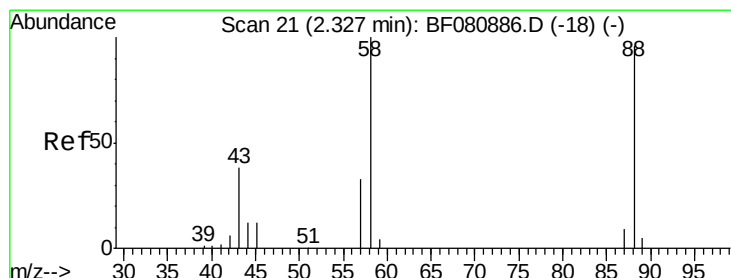
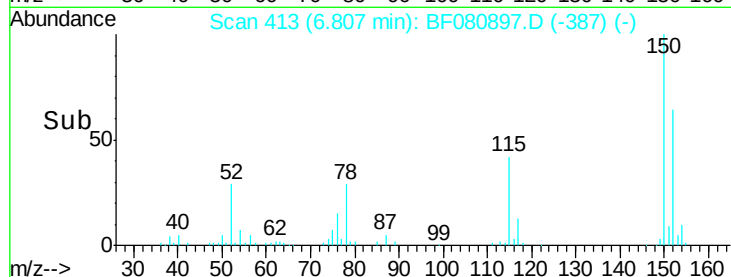
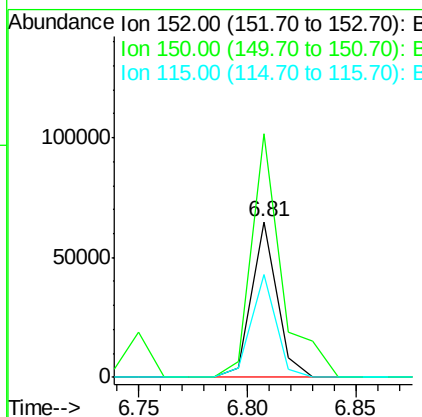
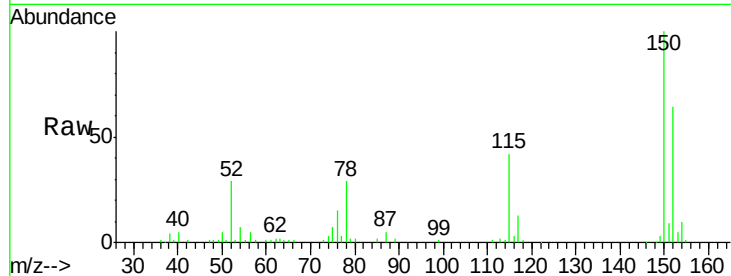
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	132.2	198.2
115	66.0	54.9	82.3

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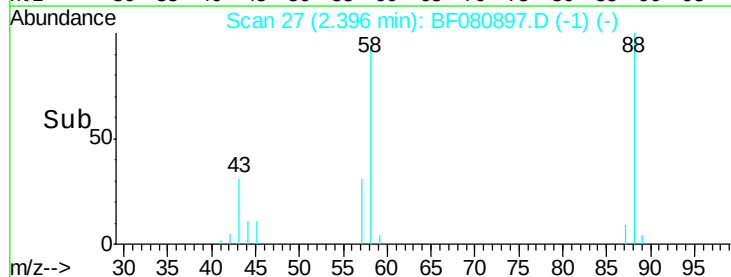
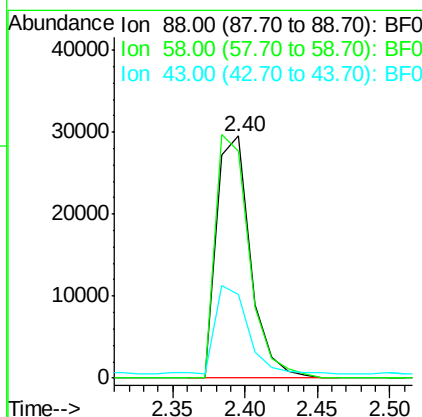
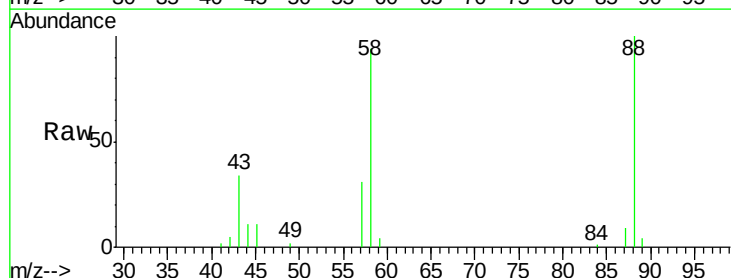
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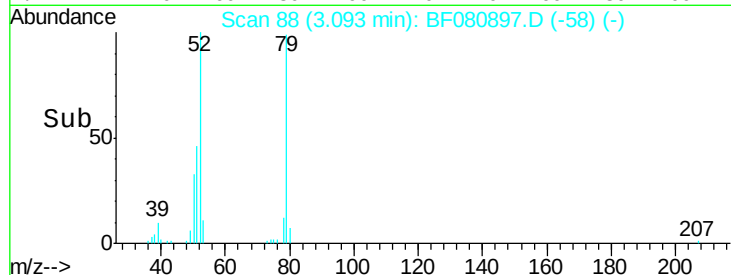
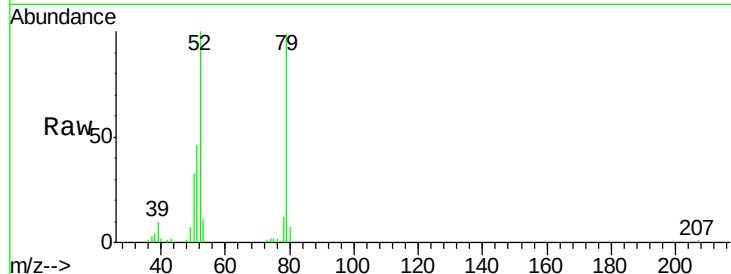
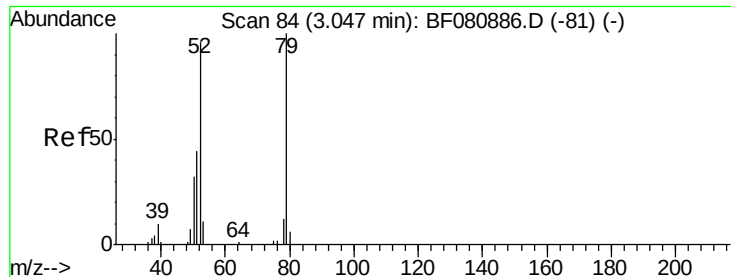


#2

1,4-Dioxane
Concen: 29.57 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.07 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.6	78.2	117.4
43	36.6	29.1	43.7





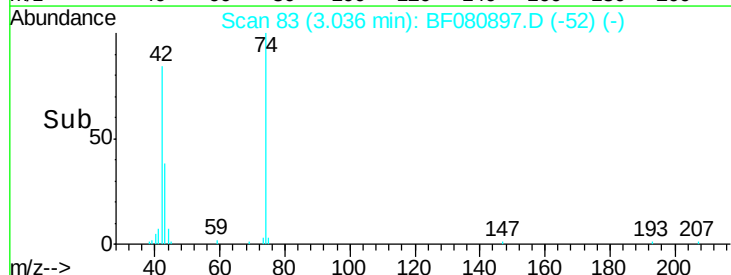
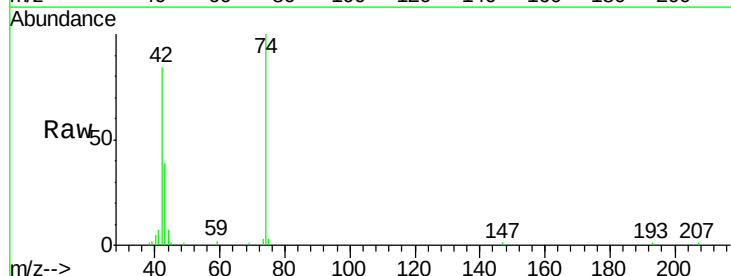
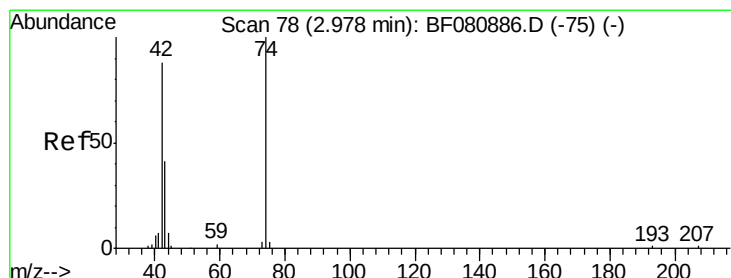
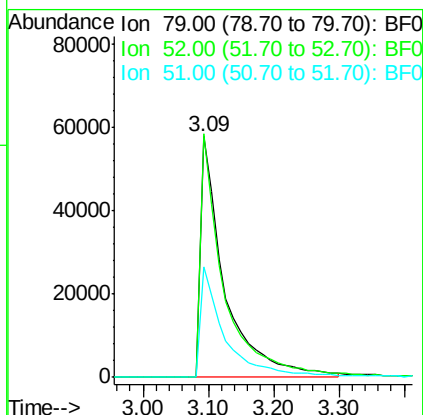
#3
 Pvridine
 Concen: 32.82 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.05 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tot Ion	Ratio	Lower	Upper
79	100		
52	101.1	76.7	115.1
51	46.1	35.8	53.6

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

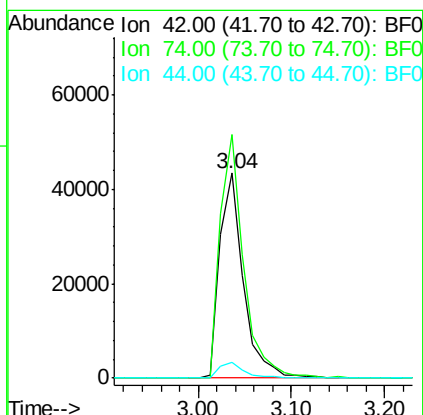
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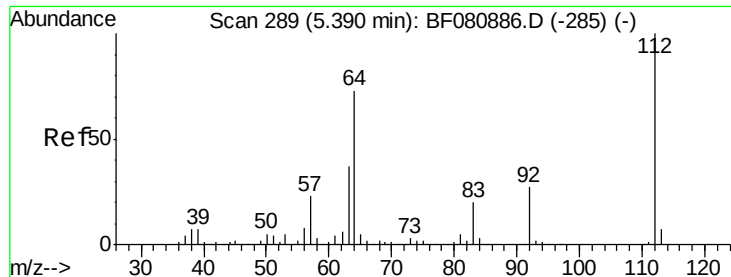
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#4
 n-Nitrosodimethylamine
 Concen: 32.60 ng
 RT: 3.04 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.0	90.6	135.8
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 114.29 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.01 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

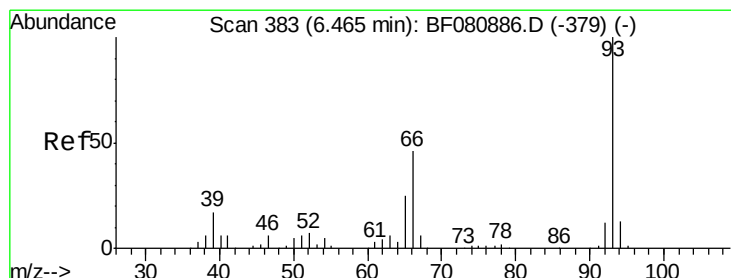
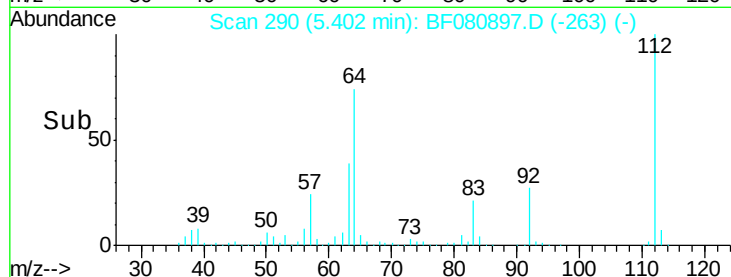
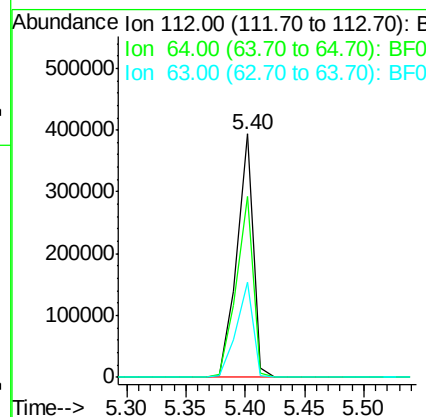
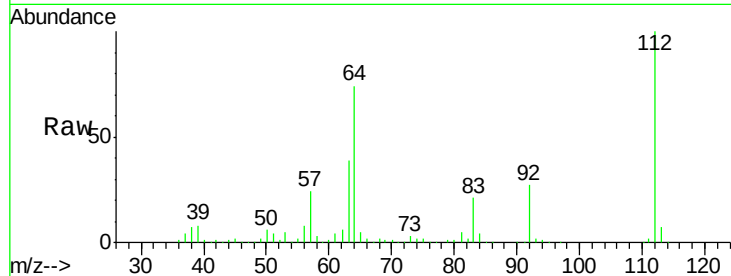
ClientSampleId :

PB84873BS

Tot Ion:	112	Resp:	379873
Ion Ratio	Lower	Upper	
112	100		
64	74.4	58.0	87.0
63	38.9	29.8	44.8

Manual Integrations
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#6

Aniline

Concen: 23.72 ng

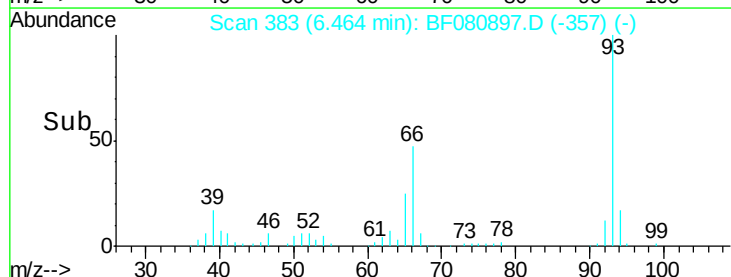
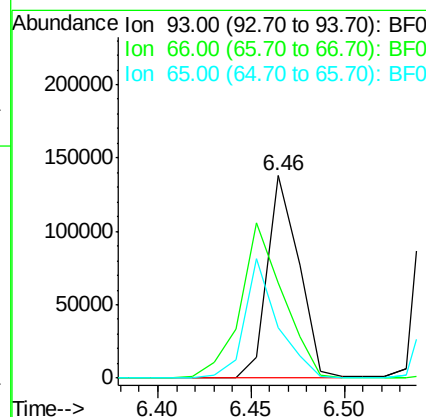
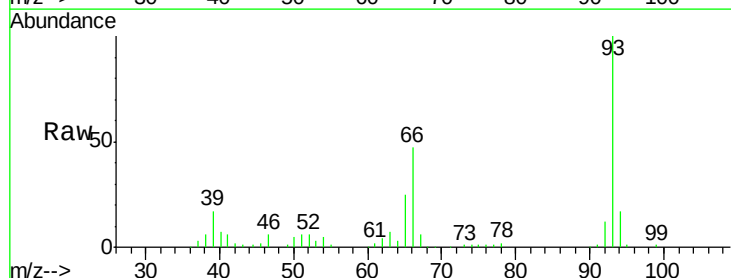
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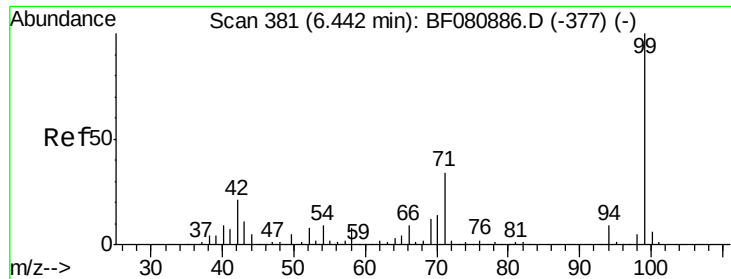
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	93	Resp:	160986
Ion Ratio	Lower	Upper	
93	100		
66	47.1	37.4	56.0
65	24.9	19.8	29.6





#7

Phenol-d6

Concen: 109.18 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

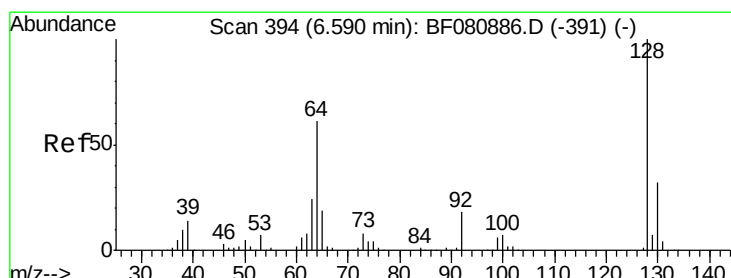
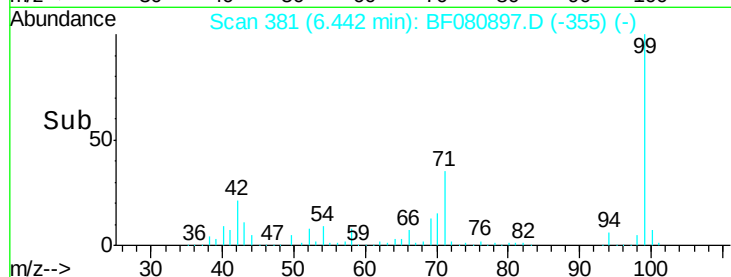
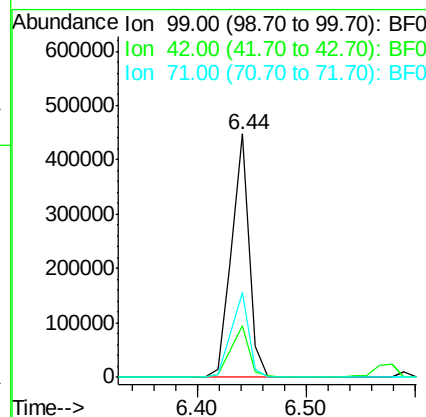
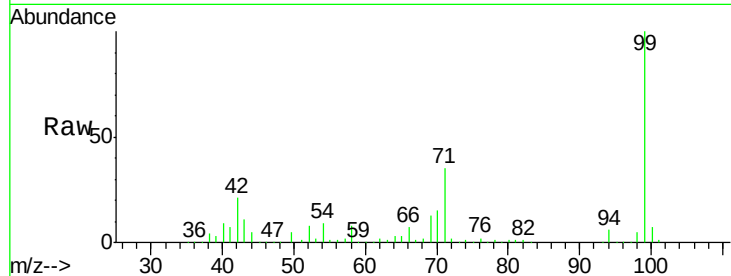
ClientSampleId :

PB84873BS

Tot Ion:	99	Resp:	499527
Ion Ratio	Lower	Upper	
99	100		
42	21.4	16.8	25.2
71	35.0	27.4	41.0

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#8

2-Chlorophenol

Concen: 37.88 ng

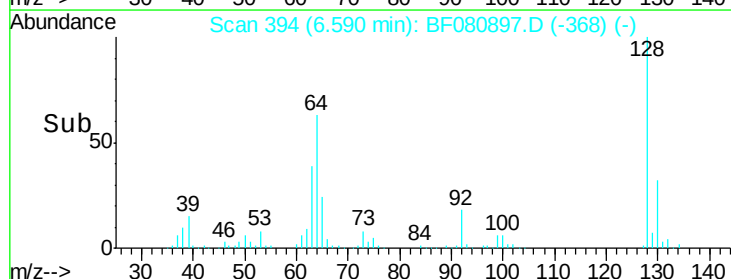
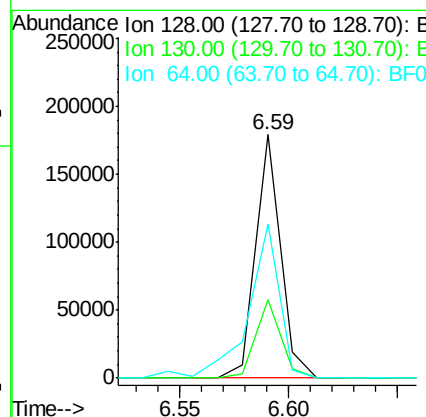
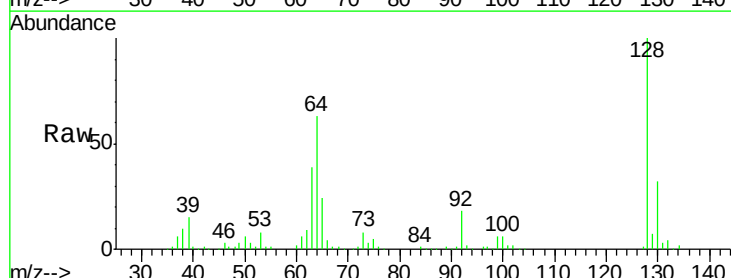
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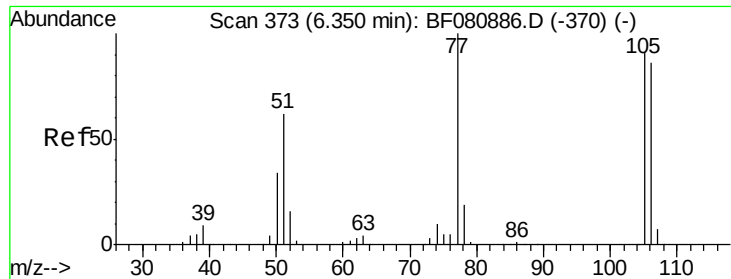
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	128	Resp:	142936
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.1	52.1
64	63.2	41.3	81.3





#9

Benzaldehyde

Concen: 7.71 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

ClientSampleId :

PB84873BS

Tot Ion: 77 Resp: 24292

Ion Ratio Lower Upper

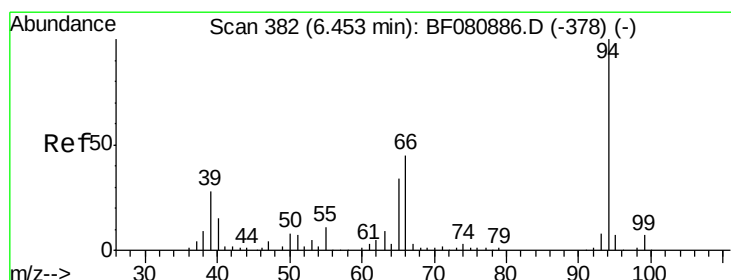
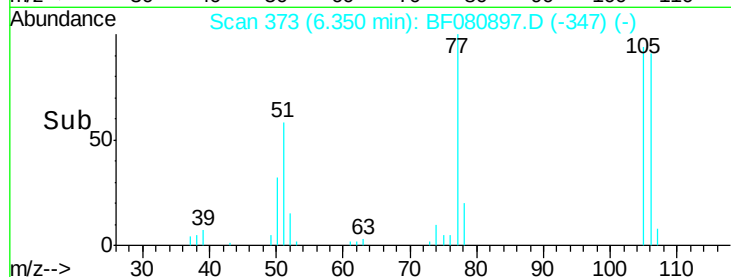
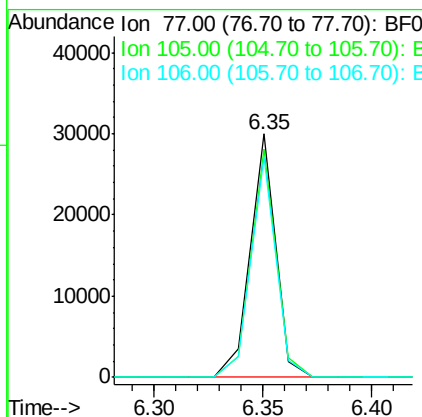
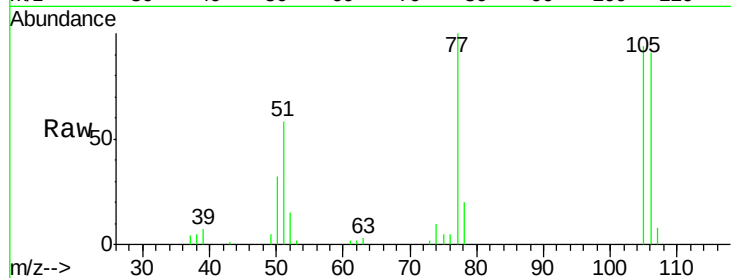
77 100

105 93.8 70.7 110.7

106 90.6 66.1 106.1

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#10

Phenol

Concen: 35.16 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

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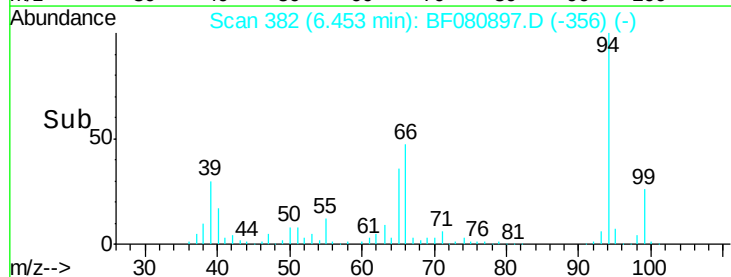
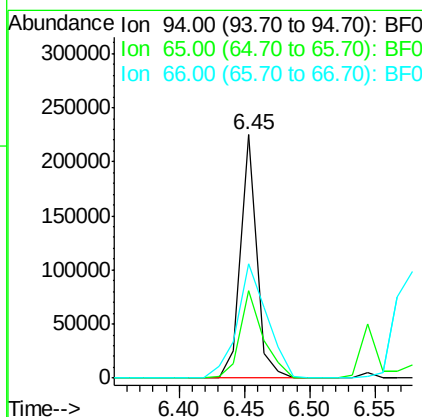
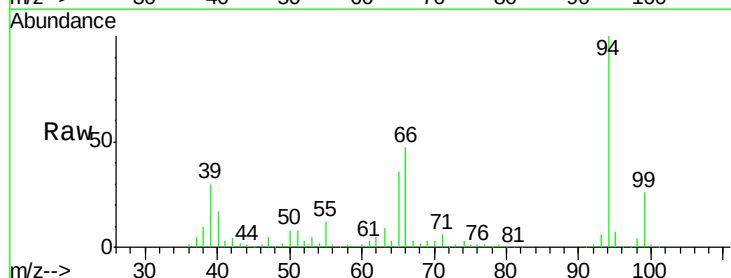
Tgt Ion: 94 Resp: 193025

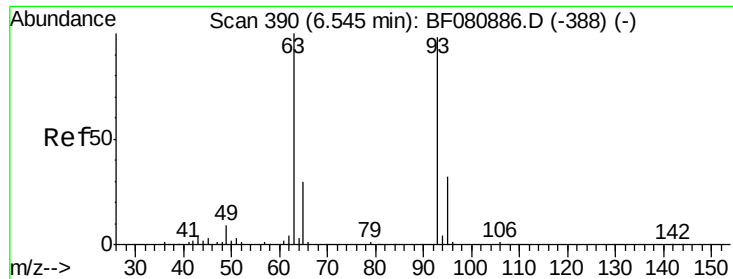
Ion Ratio Lower Upper

94 100

65 36.1 14.0 54.0

66 47.0 24.6 64.6





#11

bis(2-Chloroethyl)ether

Concen: 34.49 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

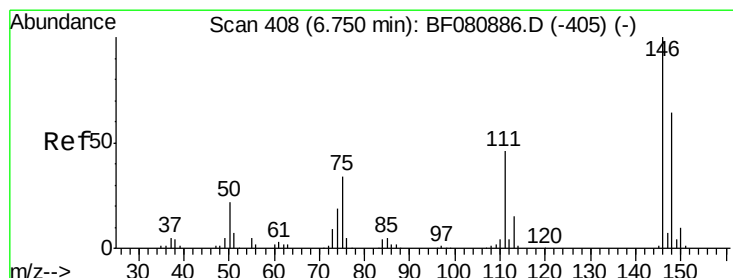
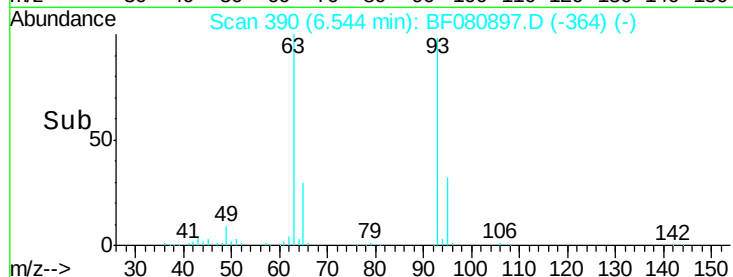
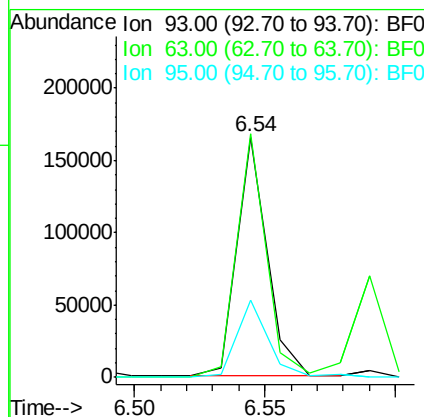
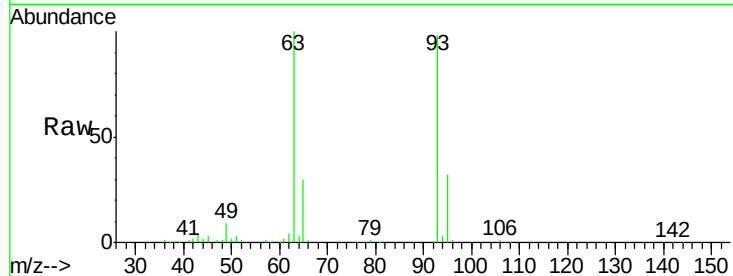
ClientSampleId :

PB84873BS

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Tot Ion	93	Resp	134055
Ion	Ratio	Lower	Upper
93	100		
63	101.5	81.4	121.4
95	32.5	12.1	52.1



#12

1,3-Dichlorobenzene

Concen: 35.72 ng

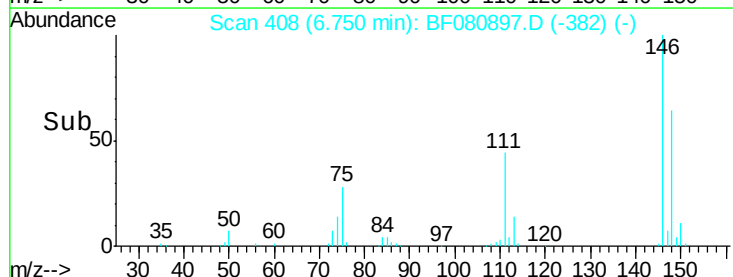
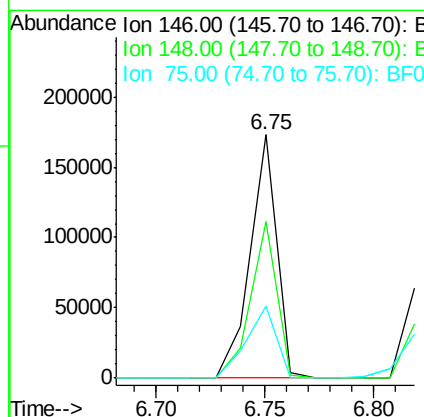
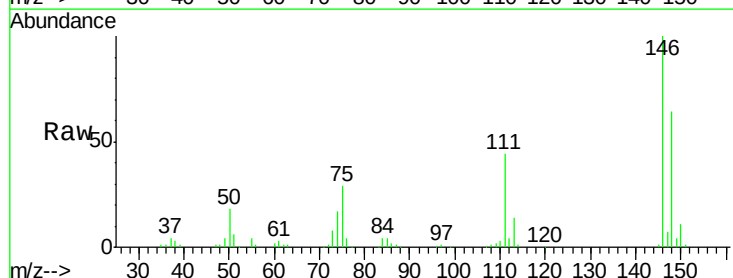
RT: 6.75 min Scan# 408

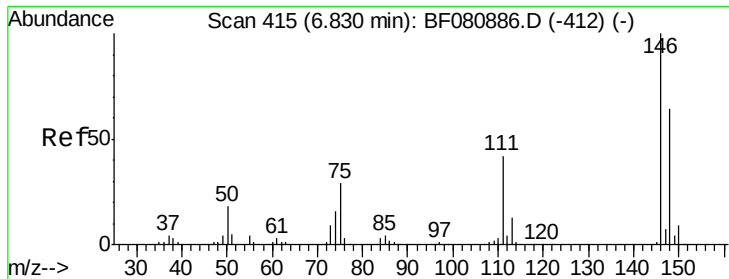
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion	146	Resp	146244
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	29.4	27.0	40.4





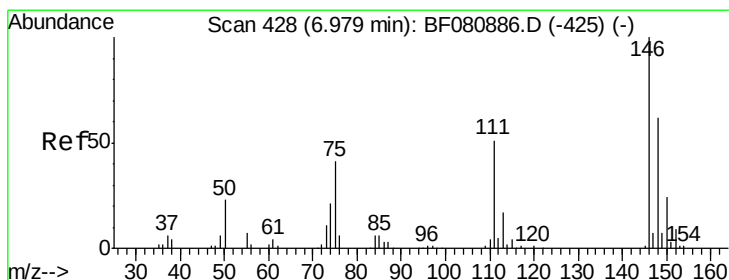
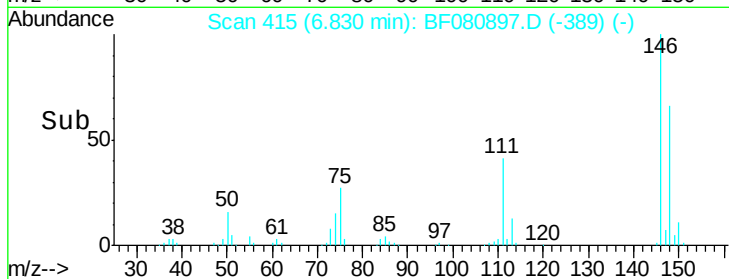
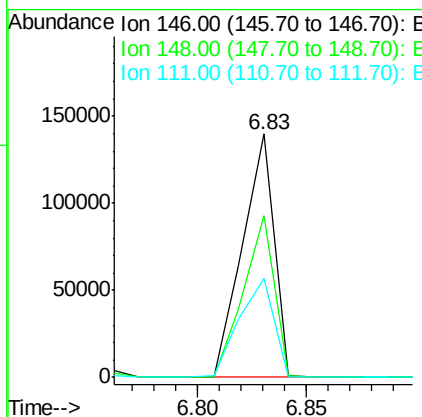
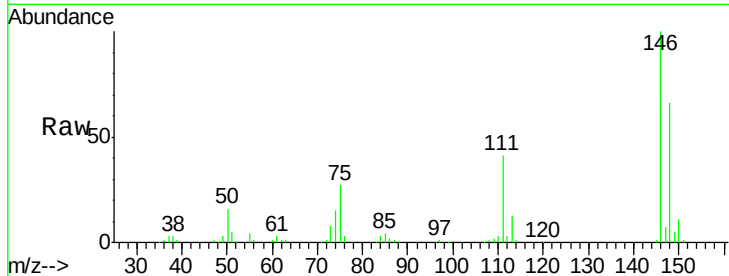
#13
 1,4-Dichlorobenzene
 Concen: 33.81 ng
 RT: 6.83 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.5	77.3
111	40.9	33.8	50.6

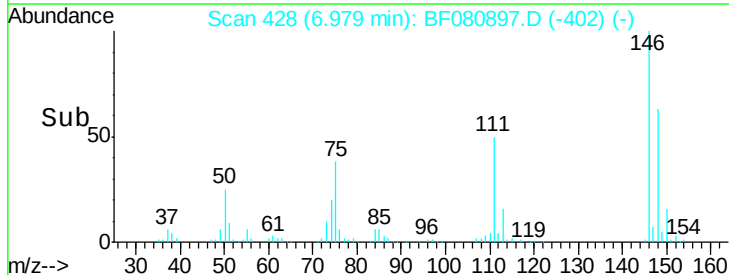
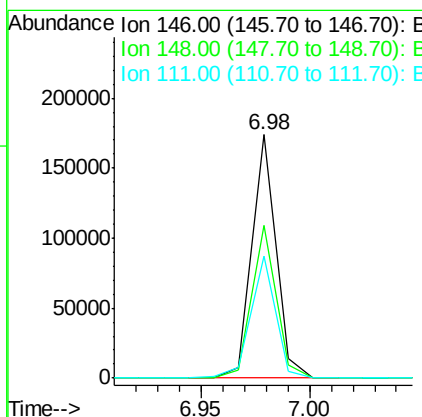
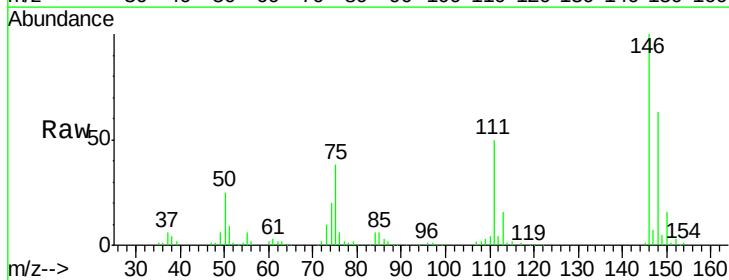
Manual Integrations
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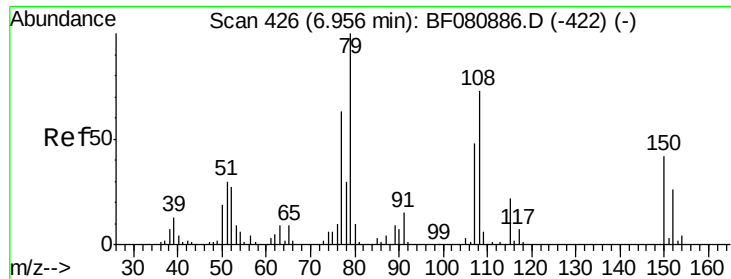
MMDadoda
 8/10/2015 10:15:19 AM



#14
 1,2-Dichlorobenzene
 Concen: 35.16 ng
 RT: 6.98 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.0	75.0
111	50.3	41.0	61.6





#15

Benzyl Alcohol

Concen: 37.51 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

ClientSampleId :

PB84873BS

Tot Ion: 79 Resp: 136144

Ion Ratio Lower Upper

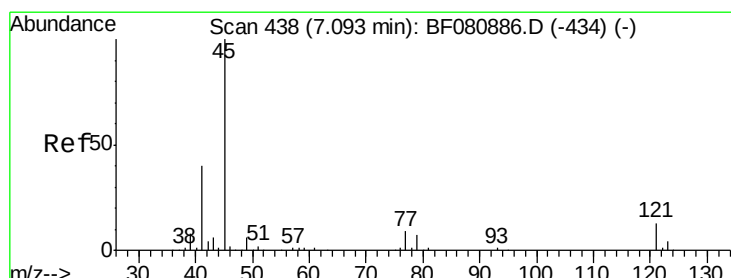
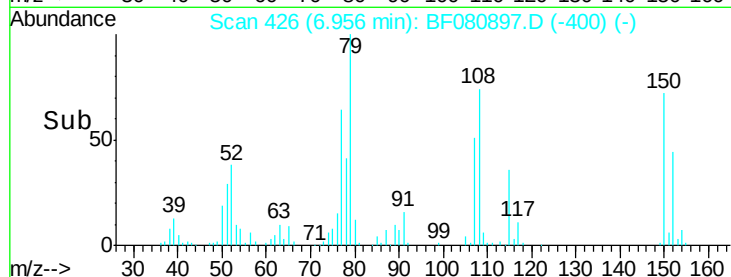
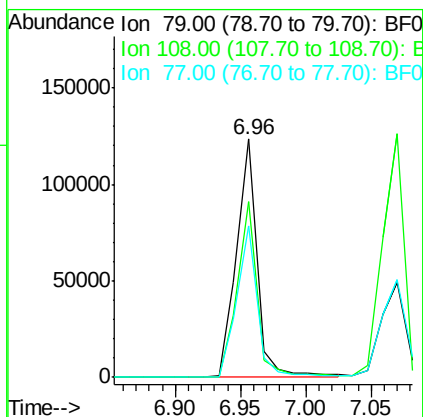
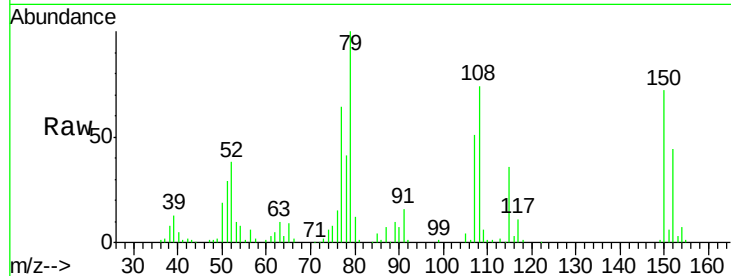
79 100

108 73.9 58.2 87.2

77 63.7 50.0 75.0

Manual Integrations
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MMDadoda
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.75 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

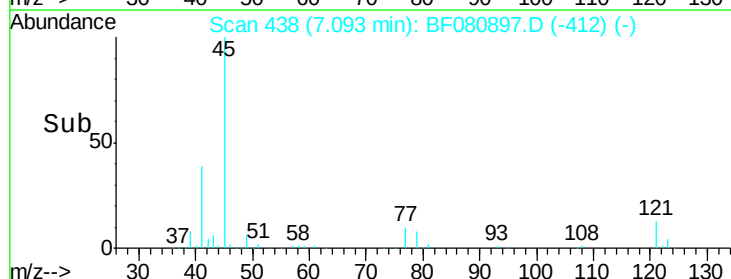
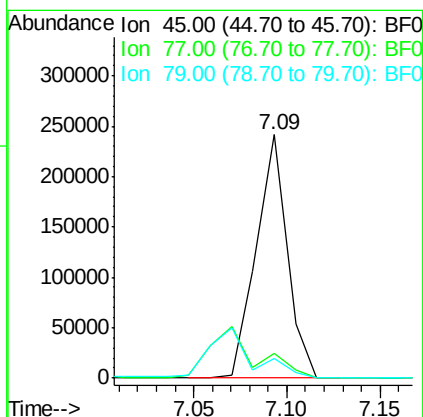
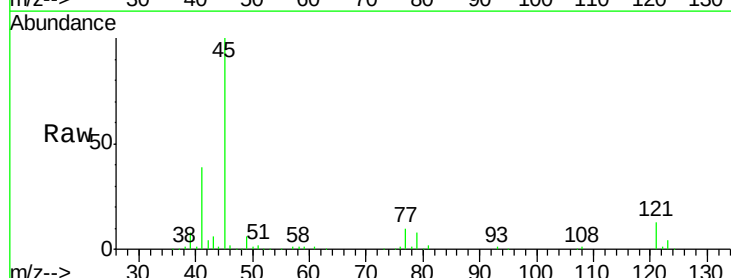
Tgt Ion: 45 Resp: 277274

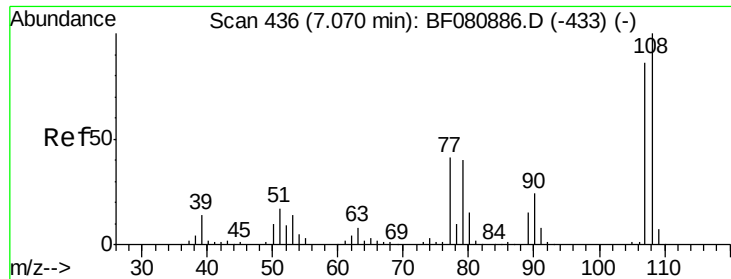
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.1

79 8.0 0.0 27.6





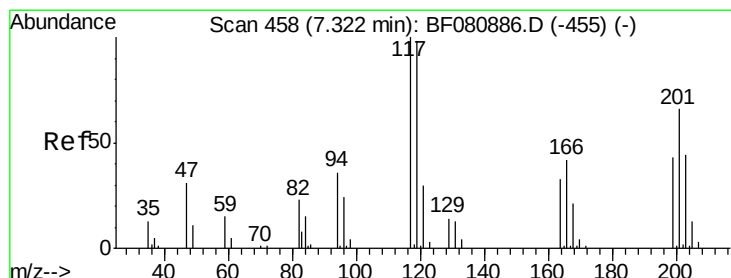
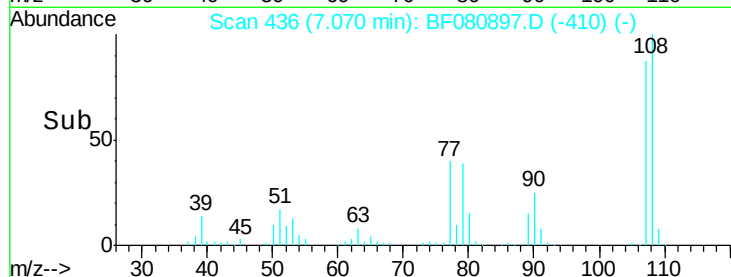
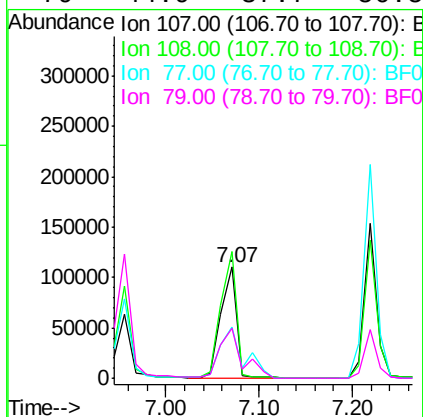
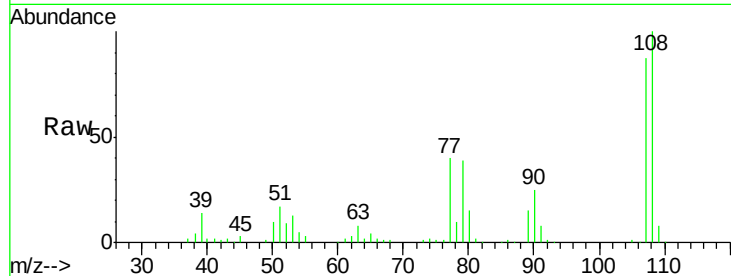
#17
2-Methylphenol
Concen: 37.87 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	93.1	139.7	
77	46.0	38.2	57.2	
79	44.9	37.7	56.5	

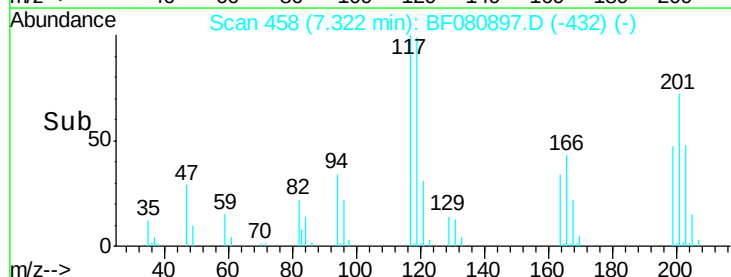
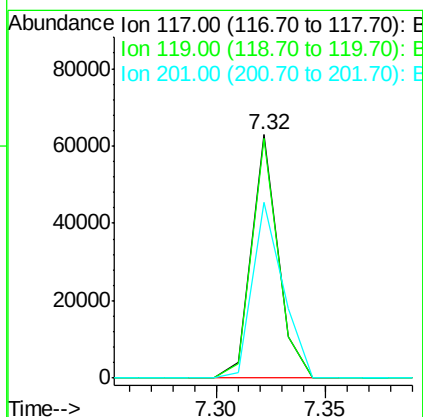
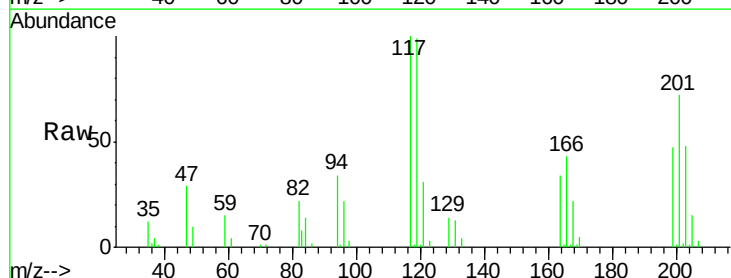
Manual Integrations
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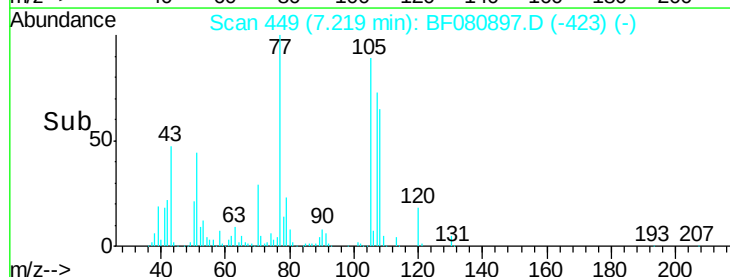
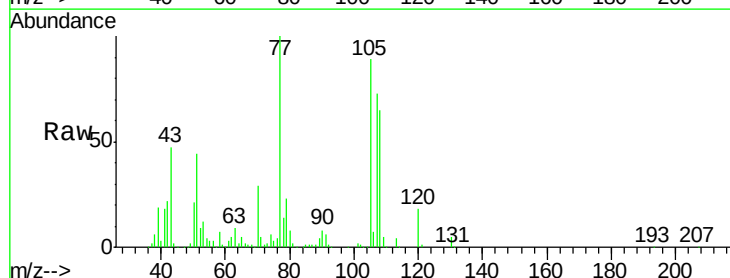
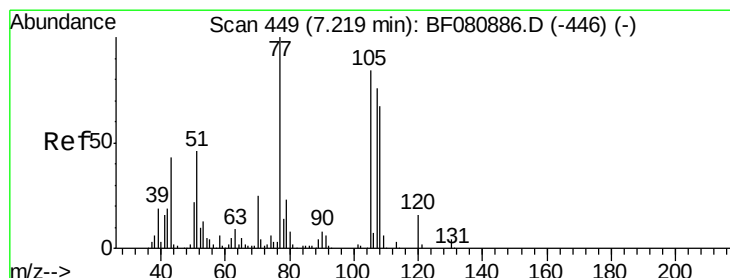
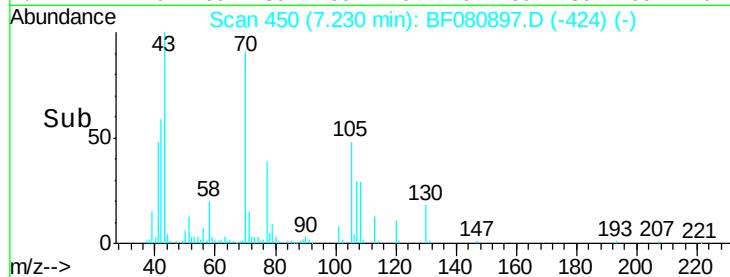
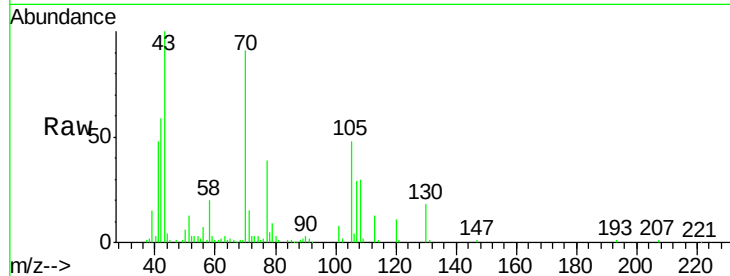
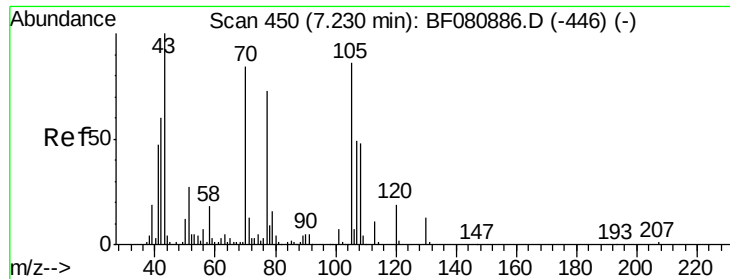
MMDadoda
8/10/2015 10:15:19 AM



#18
Hexachloroethane
Concen: 33.63 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	78.4	117.6	
201	71.9	53.1	79.7	





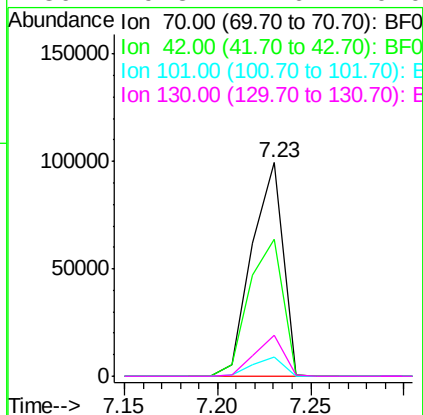
#19
n-Nitroso-di-n-propylamine
Concen: 35.33 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.2	57.2	85.8
101	9.2	6.6	9.8
130	19.3	12.6	19.0

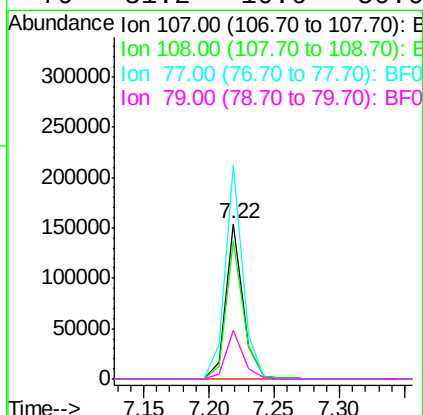
Manual Integrations
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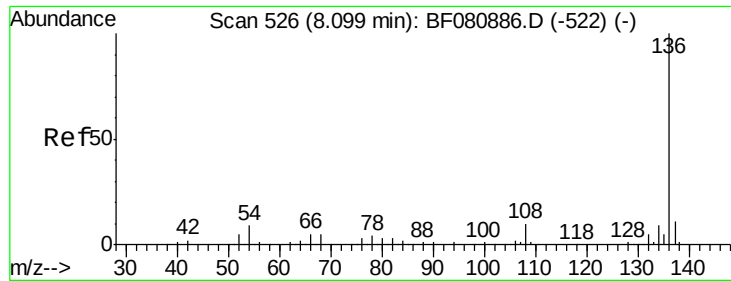
MMDadoda
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#20
3+4-Methylphenols
Concen: 34.65 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.3	107.3
77	137.7	111.2	151.2
79	31.2	10.6	50.6





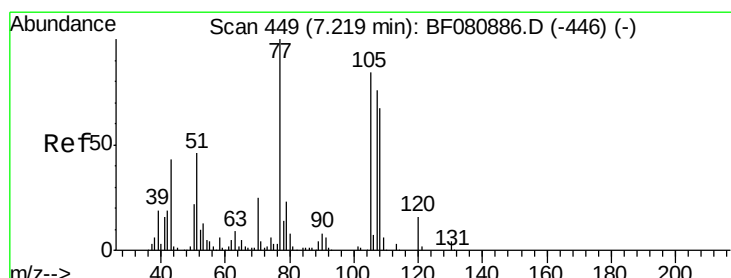
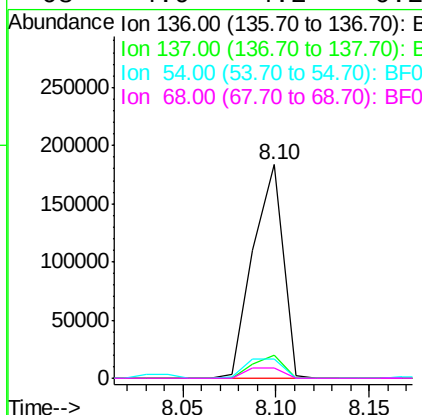
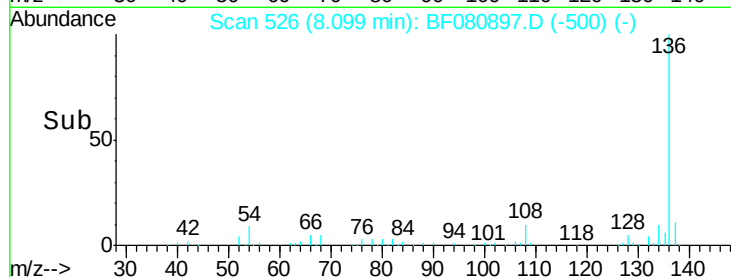
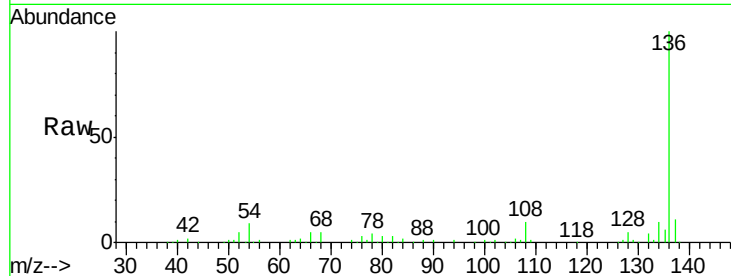
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		205427		
137	10.6		8.6	12.8	
54	9.1		7.5	11.3	
68	4.9		4.2	6.2	

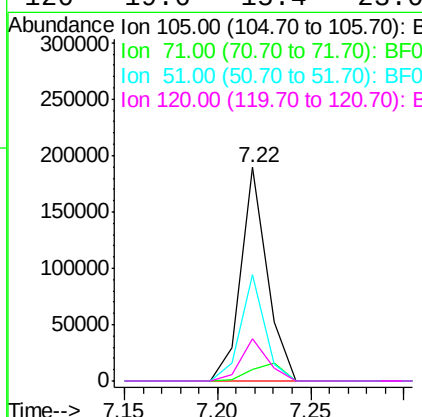
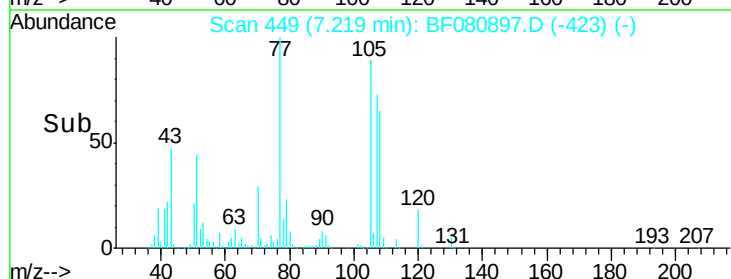
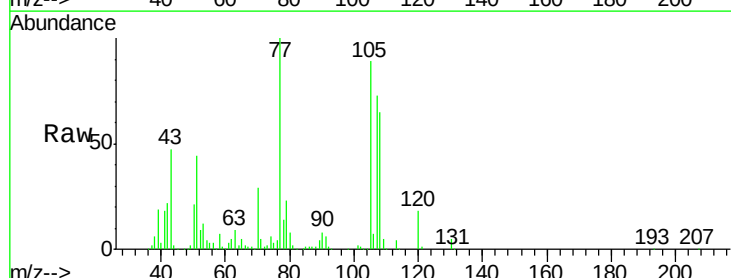
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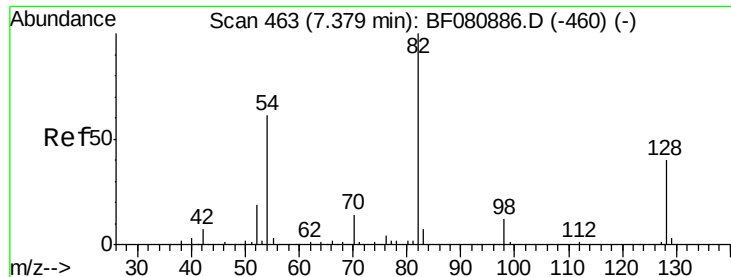
MMDadoda
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#22
Acetophenone
Concen: 36.34 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		186675		
71	5.5		3.8	5.8	
51	49.6		44.2	66.4	
120	19.6		15.4	23.0	





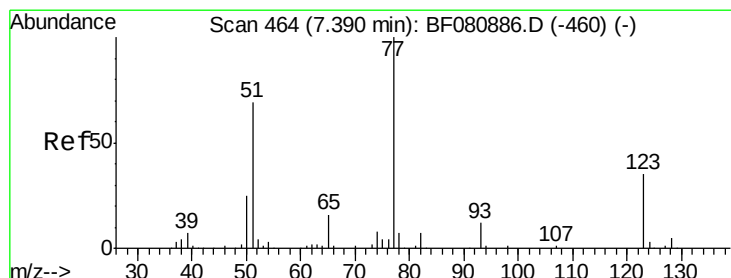
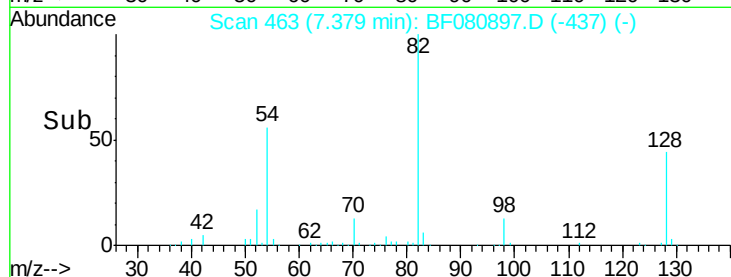
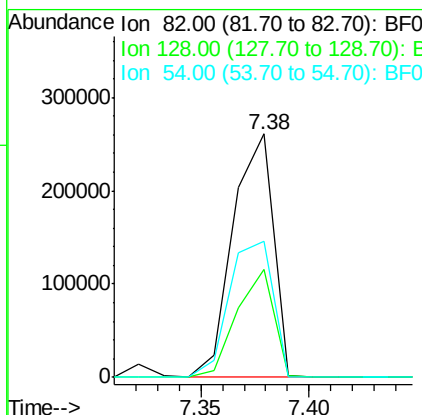
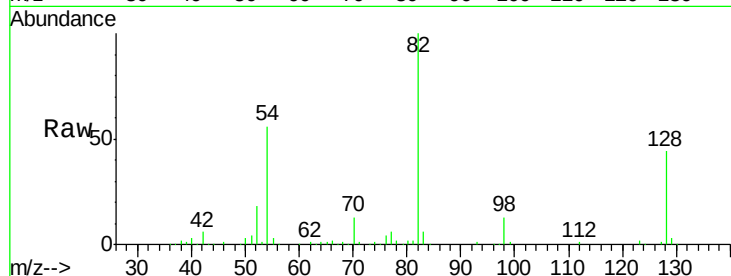
#23
 Nitrobenzene-d5
 Concen: 77.16 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion:	82	Resp:	336487
Ion Ratio	Lower	Upper	
82	100		
128	44.5	31.8	47.6
54	56.1	48.6	72.8

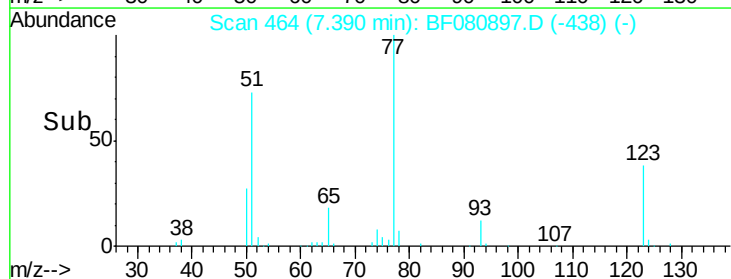
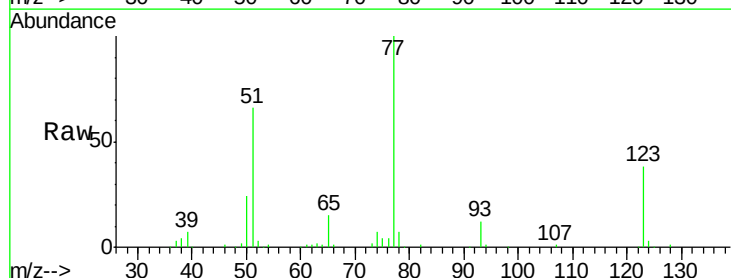
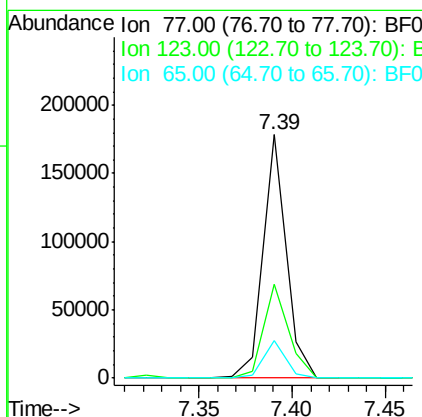
Manual Integrations
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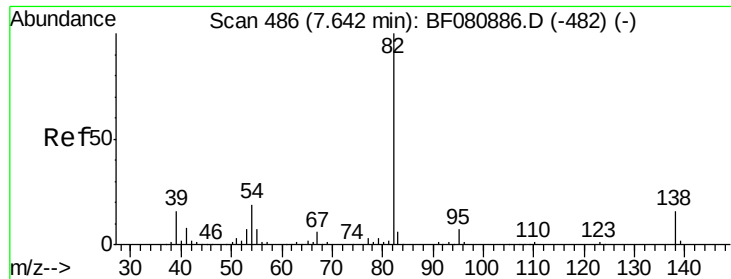
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 8/10/2015 10:15:19 AM



#24
 Nitrobenzene
 Concen: 34.12 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion:	77	Resp:	151629
Ion Ratio	Lower	Upper	
77	100		
123	38.5	28.3	42.5
65	15.3	12.5	18.7





#25

Isophorone

Concen: 34.23 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

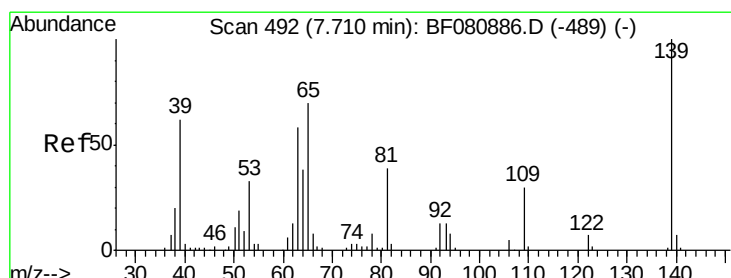
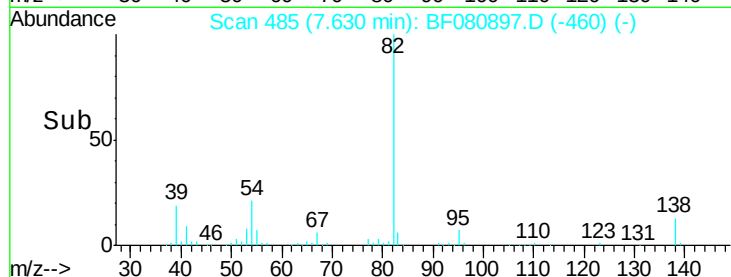
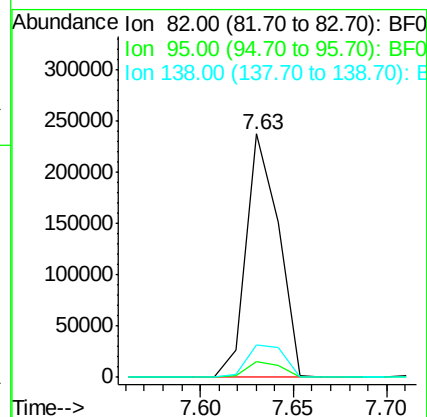
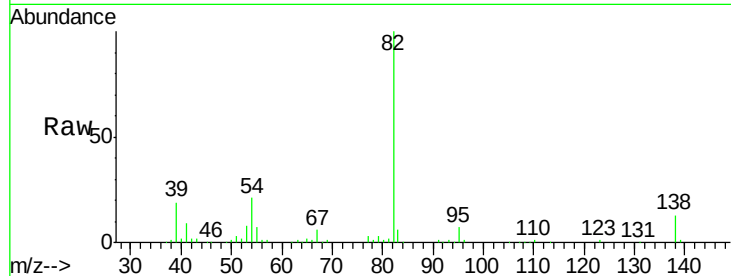
ClientSampleId :

PB84873BS

Tot Ion:	82	Resp:	286064
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.7	8.5
138	13.2	13.0	19.6

Manual Integrations
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MMDadoda
8/10/2015 10:15:19 AM



#26

2-Nitrophenol

Concen: 38.77 ng

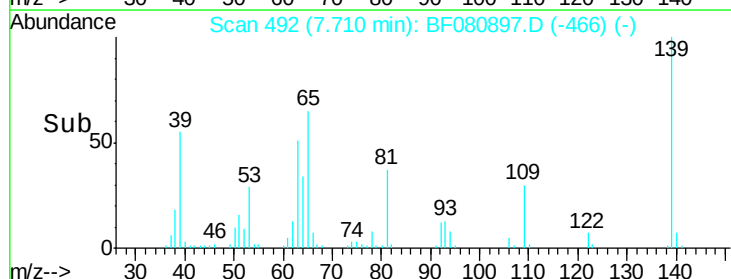
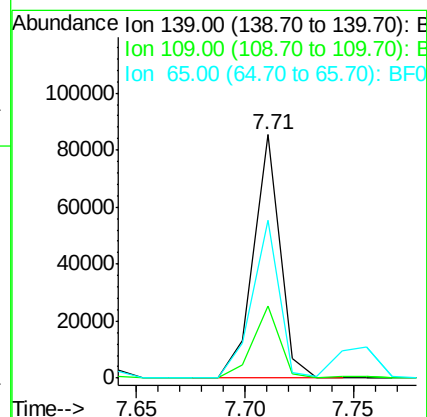
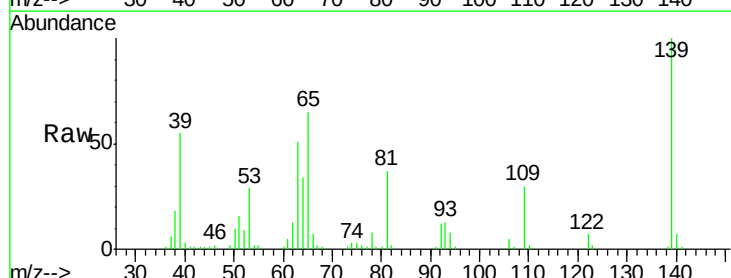
RT: 7.71 min Scan# 492

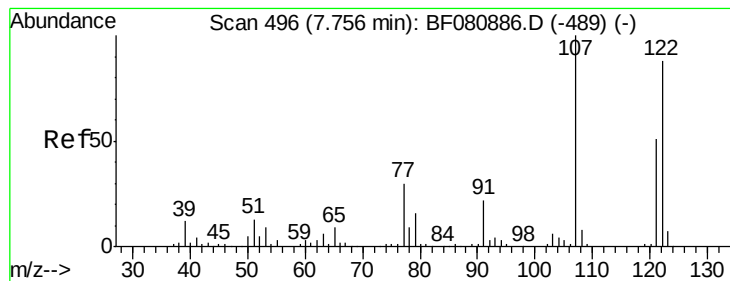
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	139	Resp:	72320
Ion Ratio	Lower	Upper	
139	100		
109	29.7	24.2	36.4
65	64.7	55.6	83.4





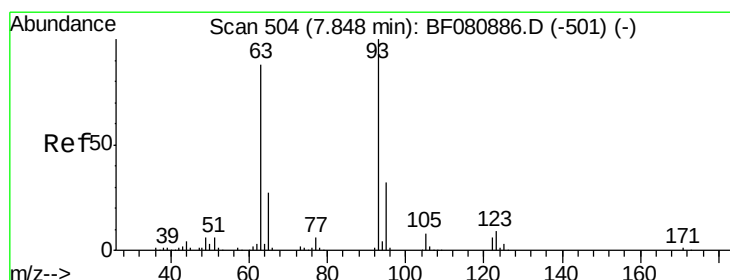
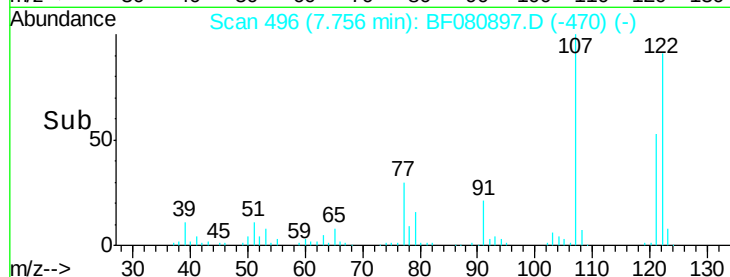
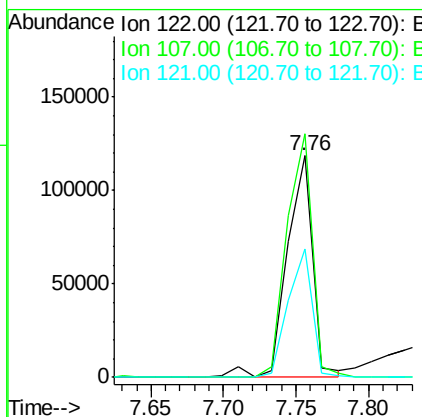
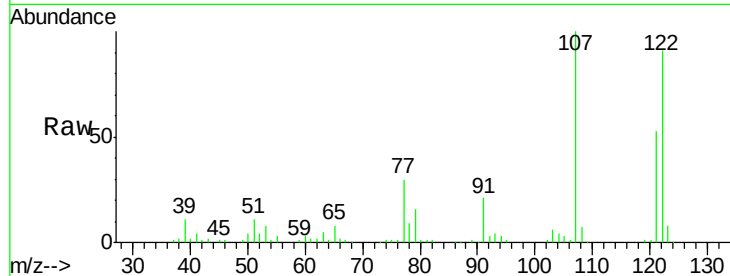
#27
 2,4-Dimethylphenol
 Concen: 40.54 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		145060		
107	109.9	91.1	136.7		
121	57.8	46.2	69.4		

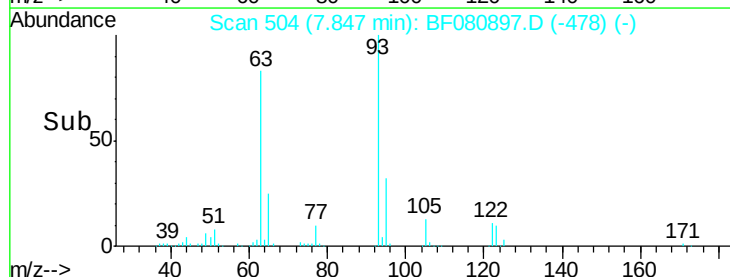
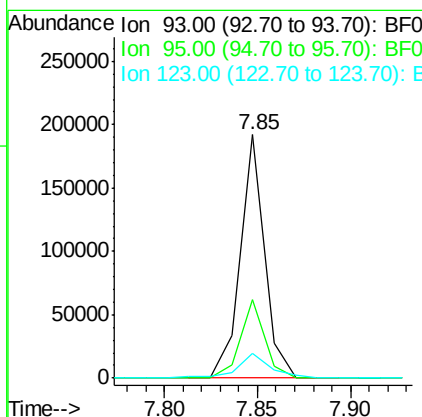
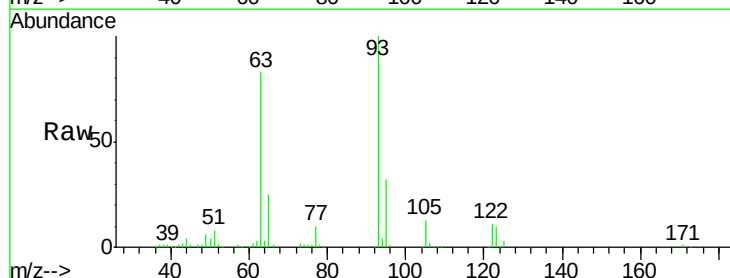
Manual Integrations
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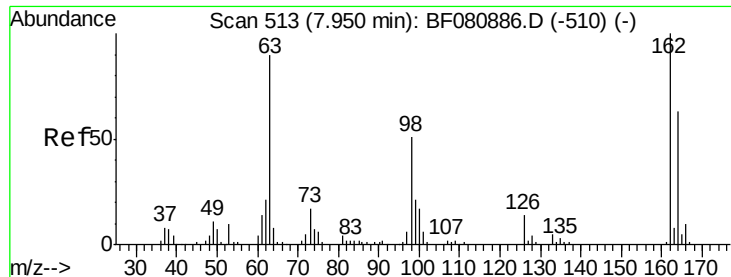
MMDadoda
 8/10/2015 10:15:19 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.02 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		173509		
95	32.0	25.5	38.3		
123	9.9	7.6	11.4		





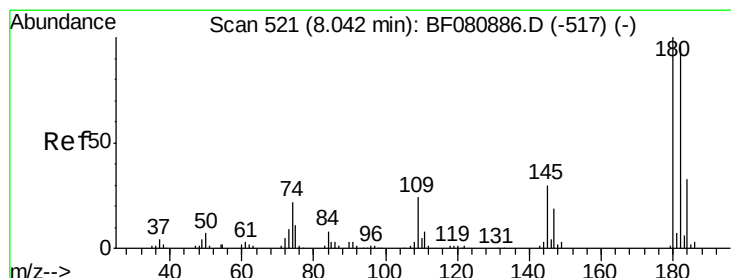
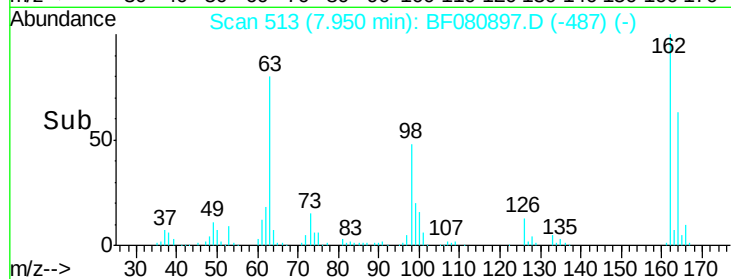
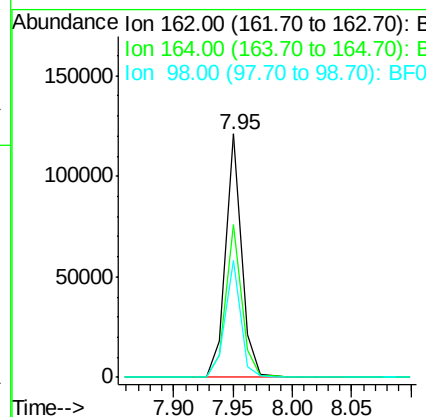
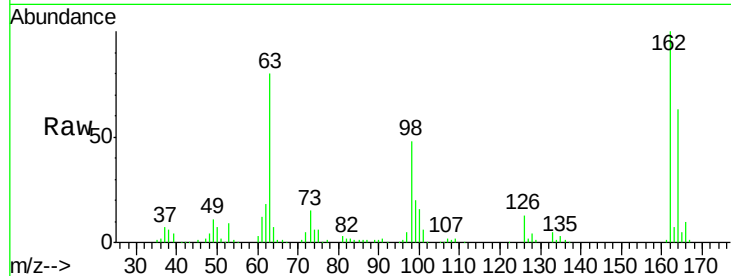
#29
 2,4-Dichlorophenol
 Concen: 39.24 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion:	162	Resp:	111934
Ion Ratio	Lower	Upper	
162	100		
164	62.8	43.4	83.4
98	47.8	30.9	70.9

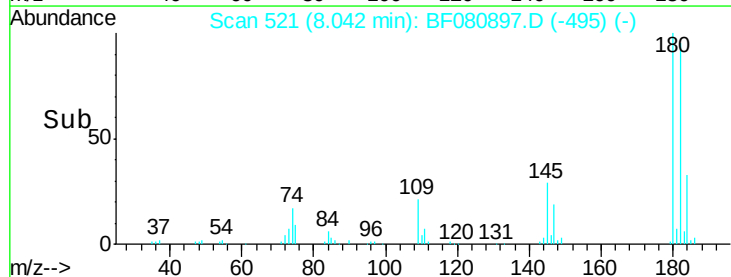
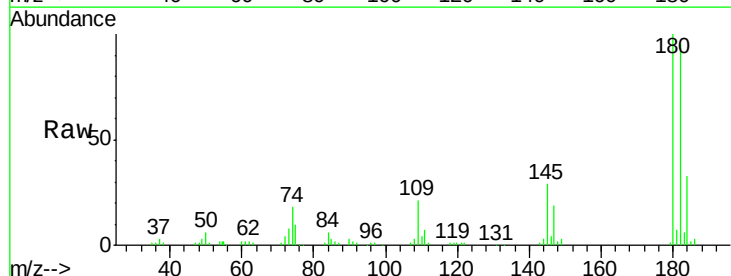
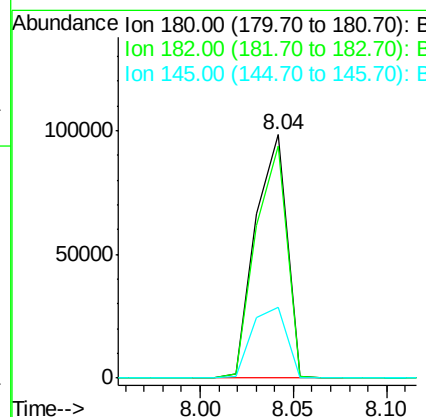
Manual Integrations
 APPROVED

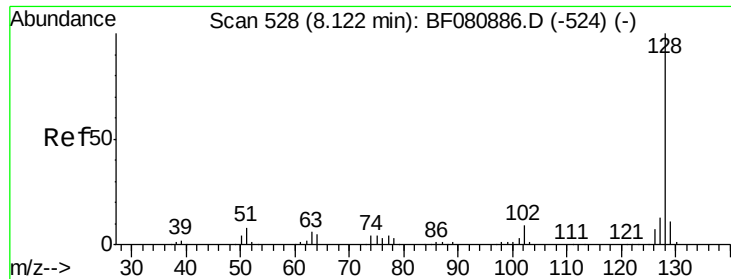
MMDadoda
 8/10/2015 10:15:19 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.24 ng
 RT: 8.04 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion:	180	Resp:	114623
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.8	115.2
145	29.0	24.2	36.2





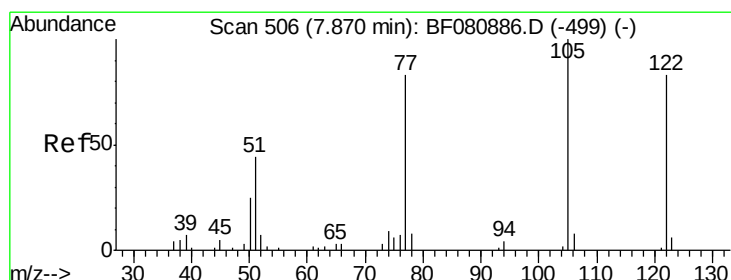
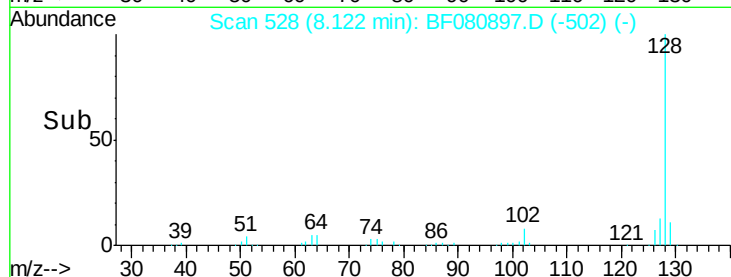
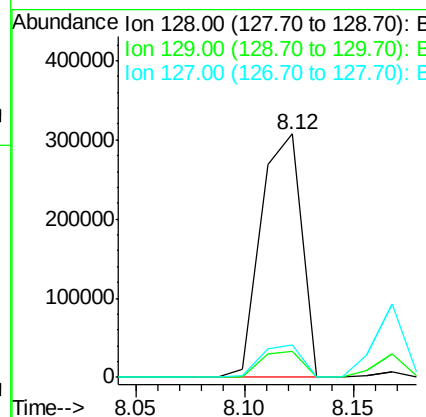
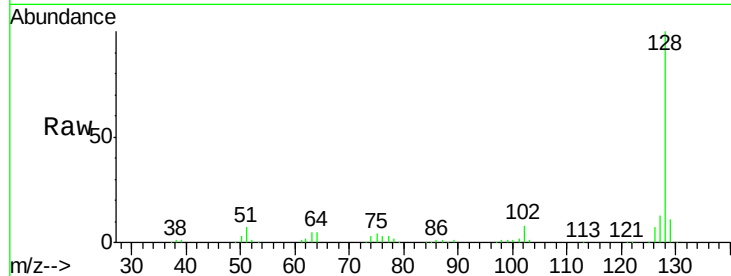
#31
Naphthalene
Concen: 36.13 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.6	13.0	
127	13.4	10.6	15.8	

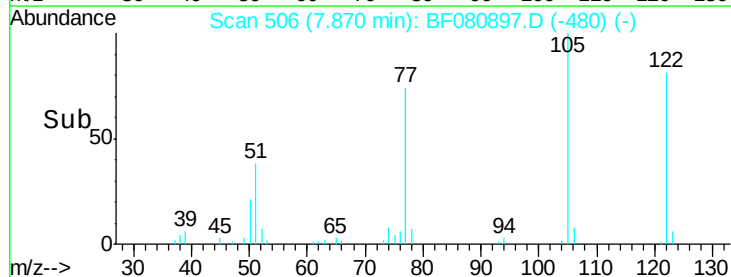
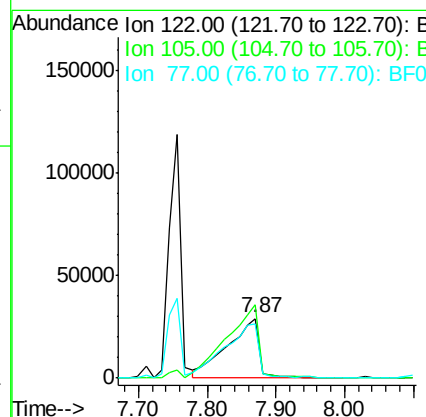
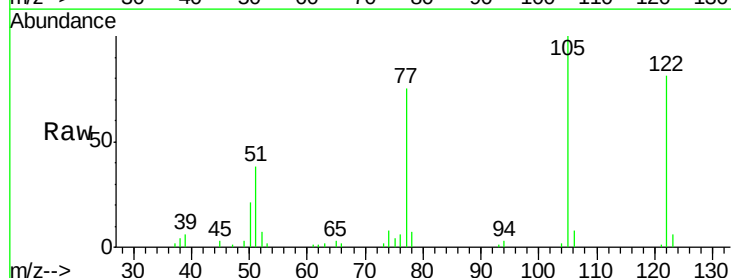
Manual Integrations
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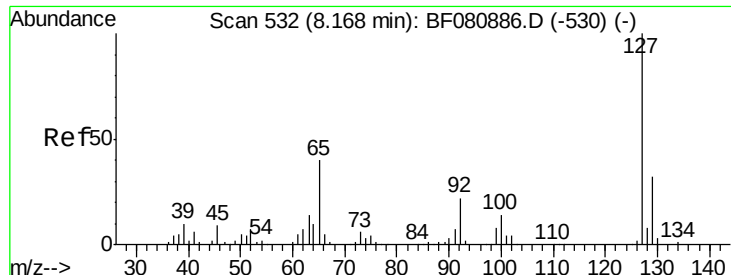
MMDadoda
8/10/2015 10:15:19 AM



#32
Benzoic acid
Concen: 42.12 ng
RT: 7.87 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.7	101.6	141.6	
77	91.6	80.9	120.9	





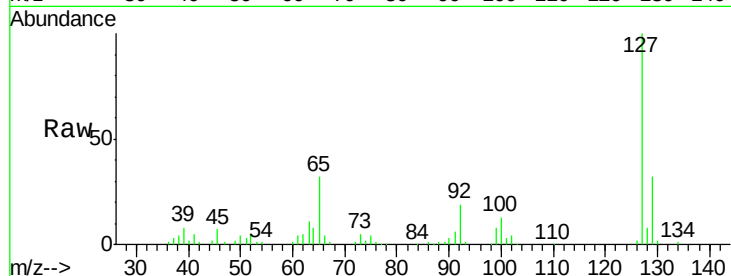
#33
4-Chloroaniline
Concen: 19.43 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

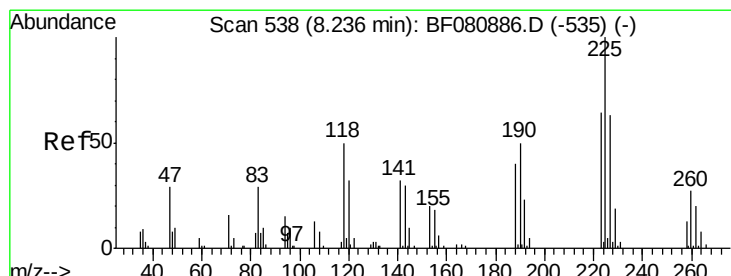
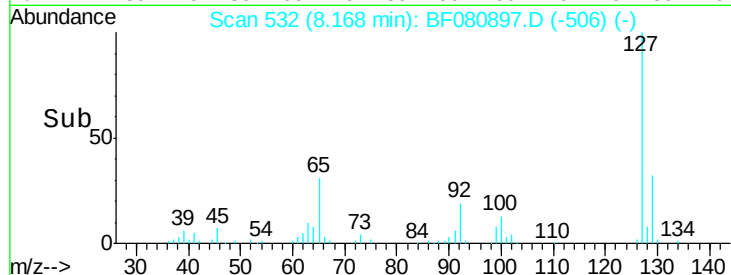
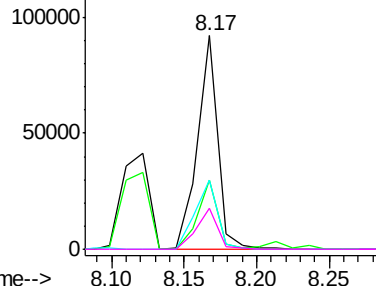
Tot Ion:	127	Resp:	89514
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.8	38.8
65	32.4	31.7	47.5
92	19.4	17.6	26.4

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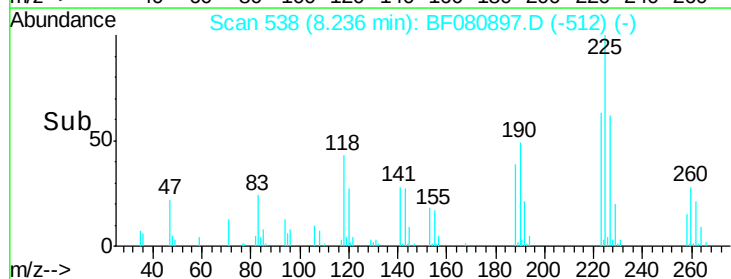
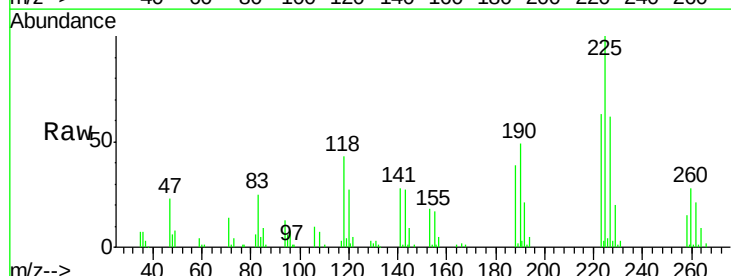
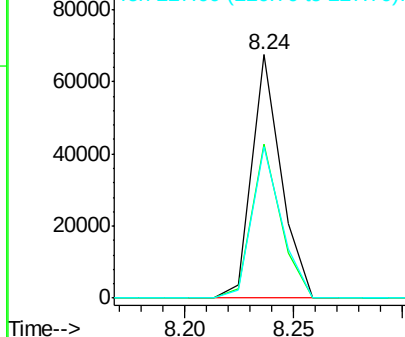
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

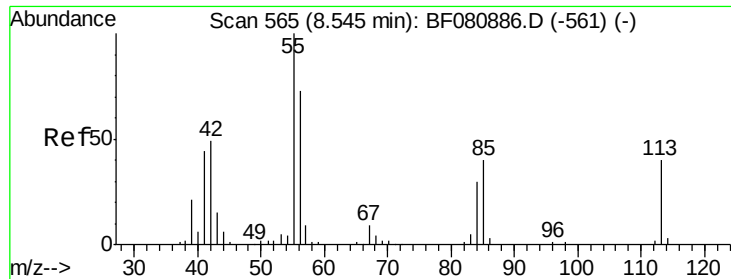


#34
Hexachlorobutadiene
Concen: 35.11 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion:	225	Resp:	63178
Ion Ratio	Lower	Upper	
225	100		
223	63.2	51.2	76.8
227	62.1	50.4	75.6

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





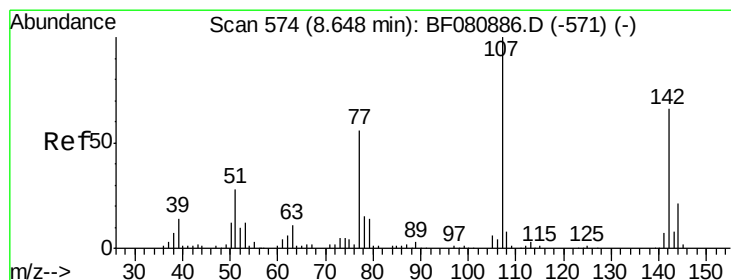
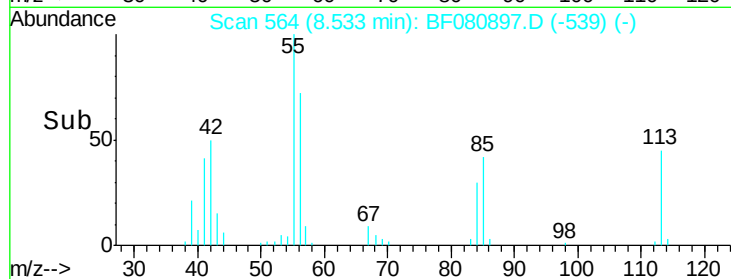
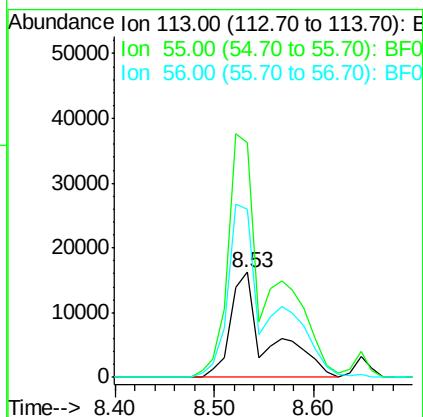
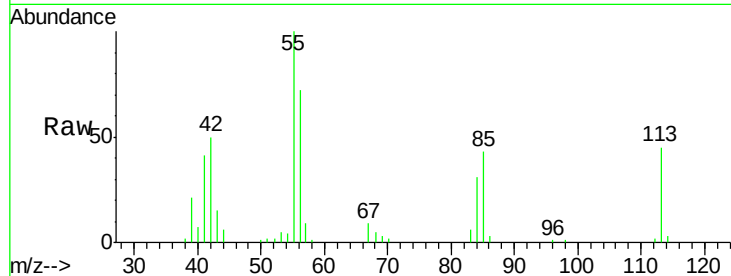
#35
 Caprolactam
 Concen: 39.74 ng/ml
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleID :
 PB84873BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.1	228.4	268.4#
56	160.0	161.5	201.5#

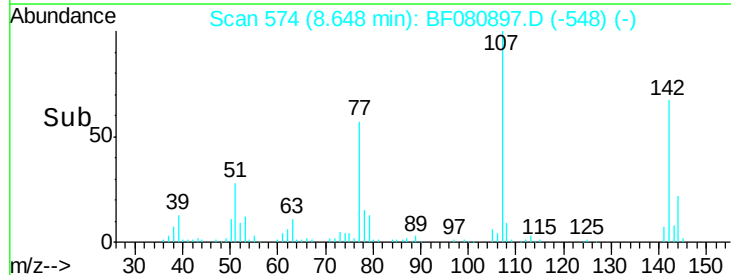
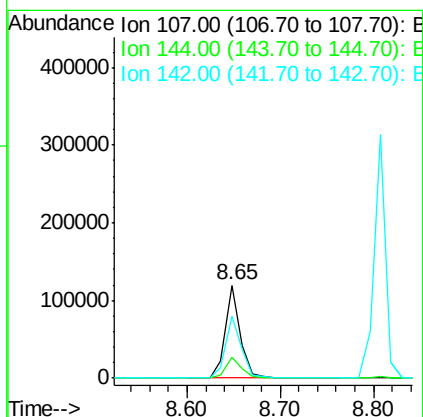
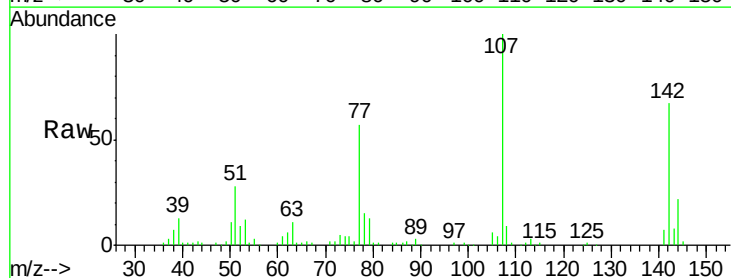
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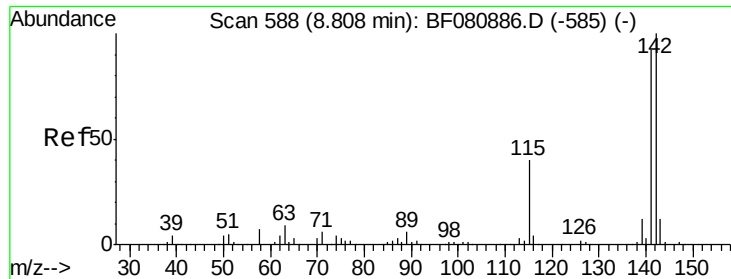
MMDadoda
 8/10/2015 10:15:19 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.00 ng/ml
 RT: 8.65 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	17.0	25.6
142	66.9	52.6	78.8





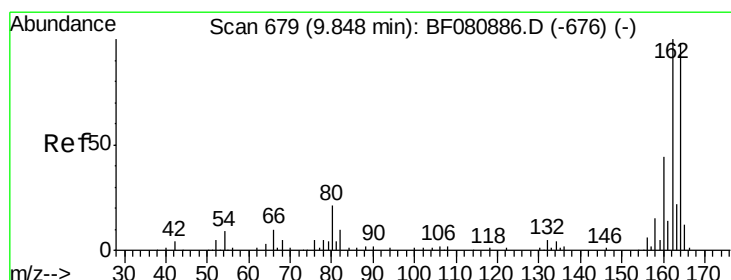
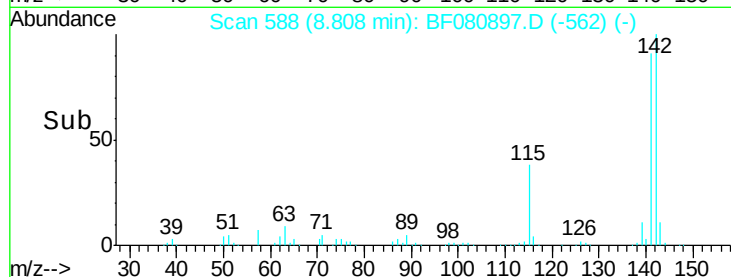
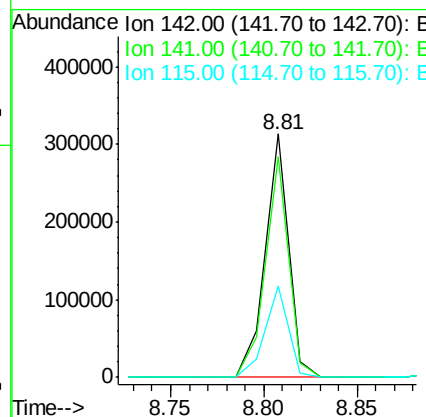
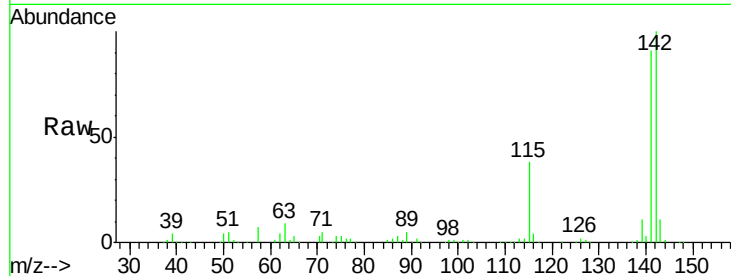
#37
2-Methylnaphthalene
Concen: 39.42 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	270909		
141	90.5	73.5	110.3	
115	37.5	32.1	48.1	

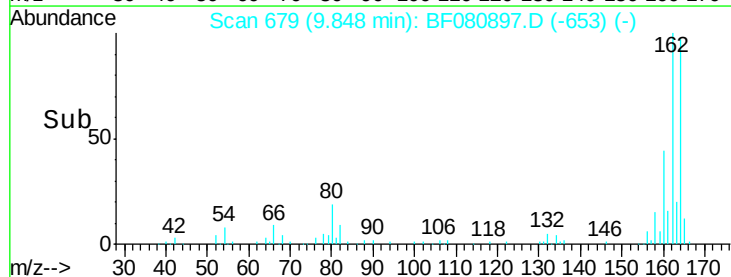
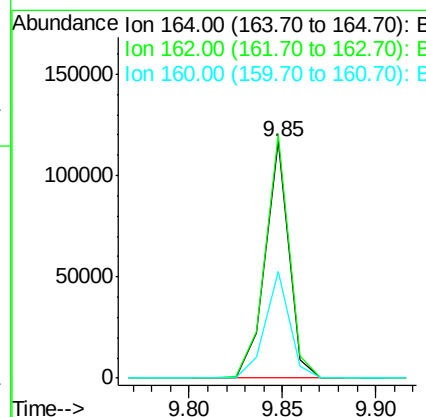
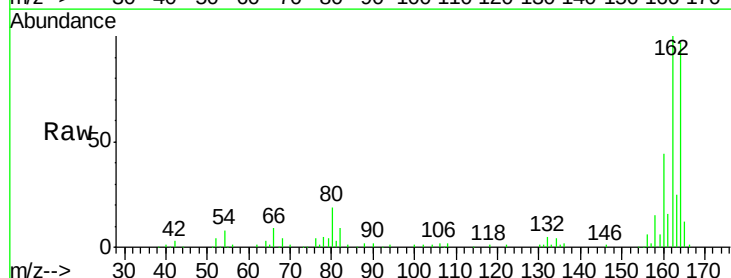
Manual Integrations
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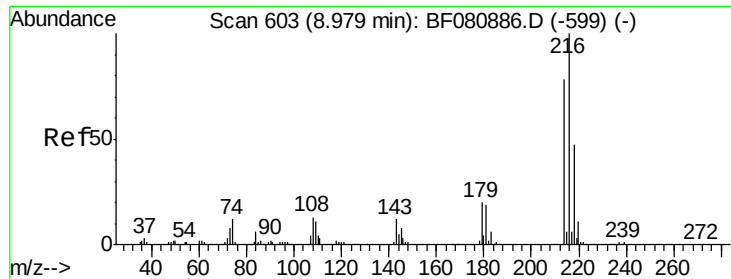
MMDadoda
8/10/2015 10:15:19 AM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101789		
162	102.7	81.5	122.3	
160	44.9	35.9	53.9	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.58 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

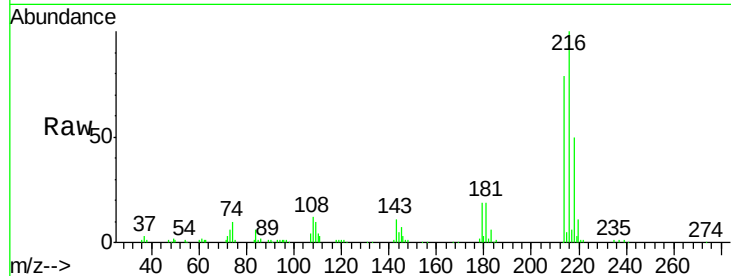
ClientSampleId :

PB84873BS

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MMDadoda
8/10/2015 10:15:19 AM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.7	62.8	94.2		
179	21.6	17.0	25.6		
108	22.8	16.7	25.1		



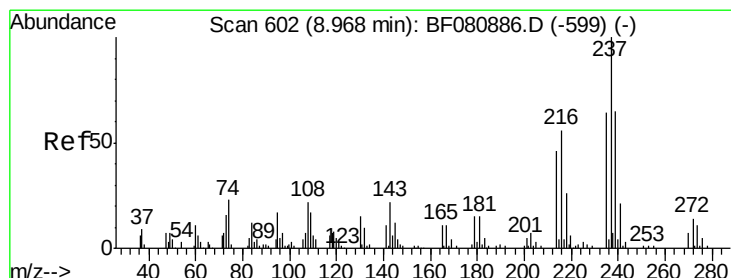
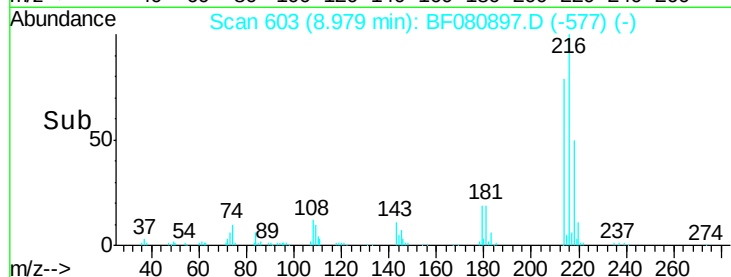
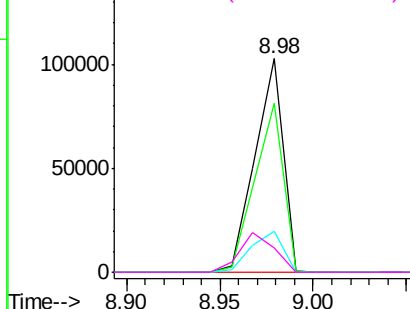
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.19 ng

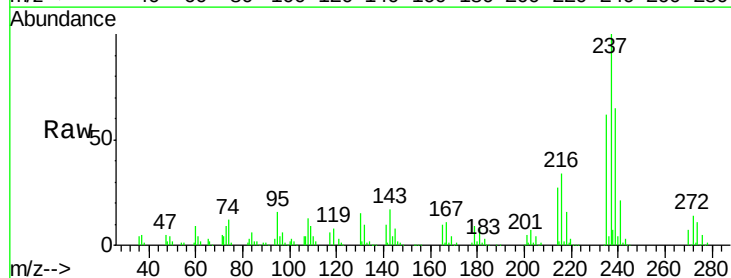
RT: 8.97 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.9	43.7	83.7		
272	13.8	0.0	33.8		

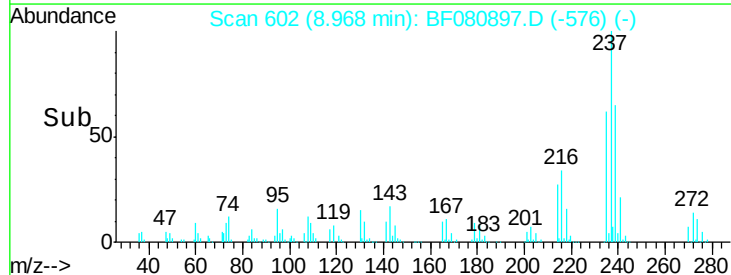
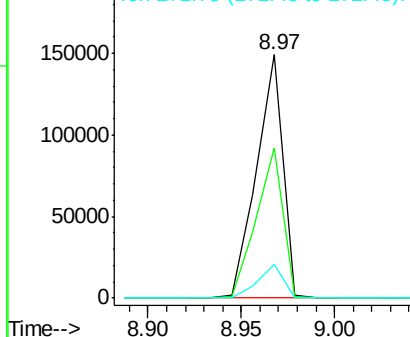


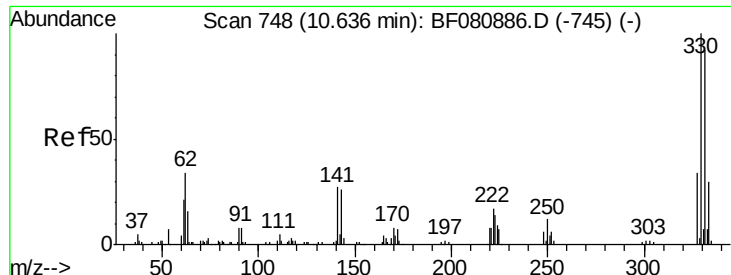
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





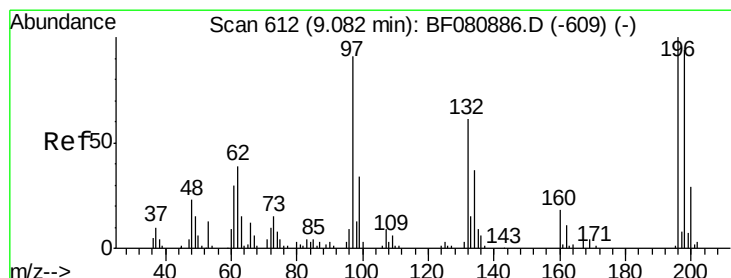
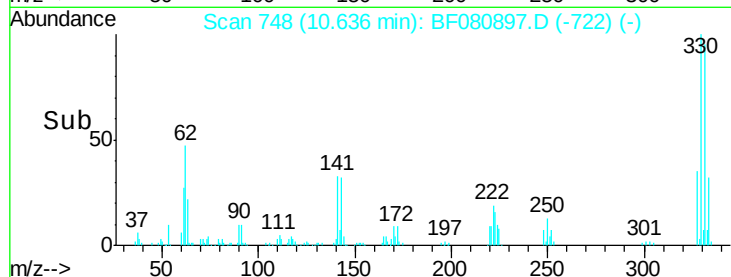
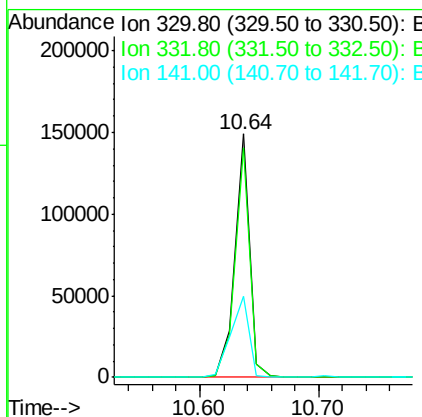
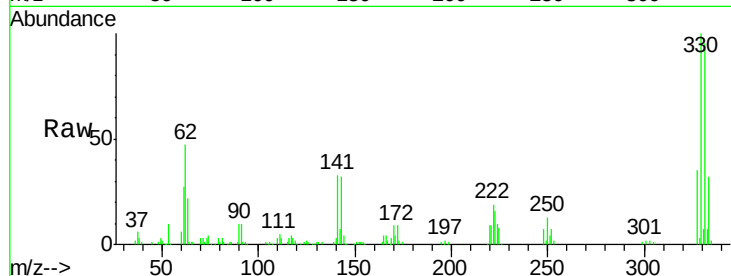
#41
 2,4,6-Tribromophenol
 Concen: 118.26 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion:	330	Resp:	129294
Ion Ratio	Lower	Upper	
330	100		
332	94.6	74.1	111.1
141	40.8	30.1	45.1

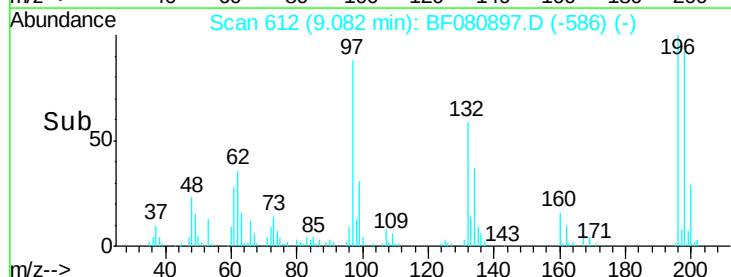
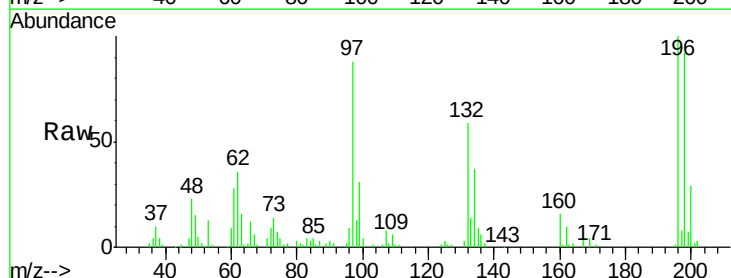
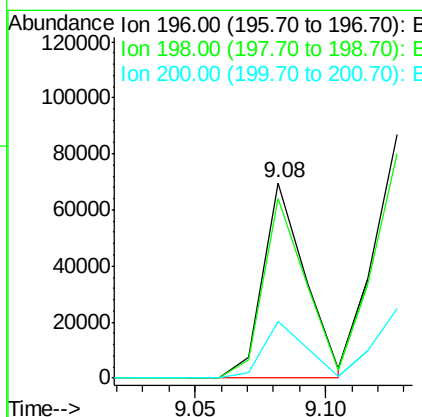
Manual Integrations
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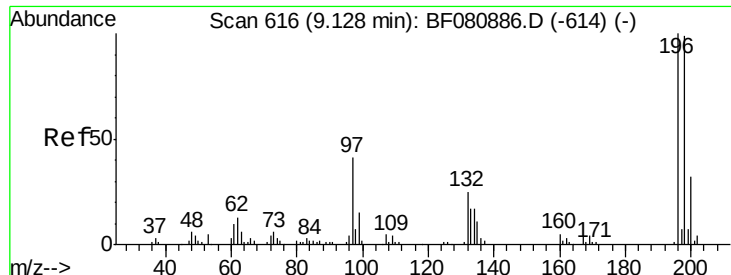
MMDadoda
 8/10/2015 10:15:19 AM



#42
 2,4,6-Trichlorophenol
 Concen: 34.14 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

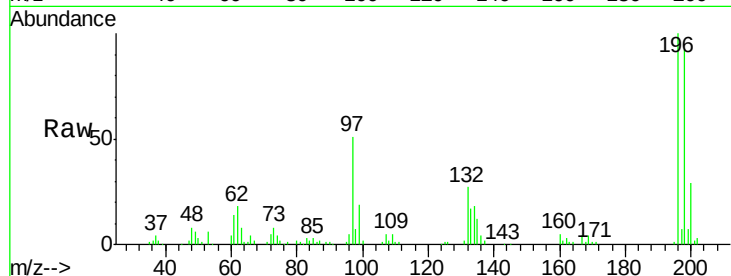
Tgt Ion:	196	Resp:	78085
Ion Ratio	Lower	Upper	
196	100		
198	92.1	74.9	112.3
200	29.2	23.2	34.8





#43
 2,4,5-Trichlorophenol
 Concen: 38.68 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

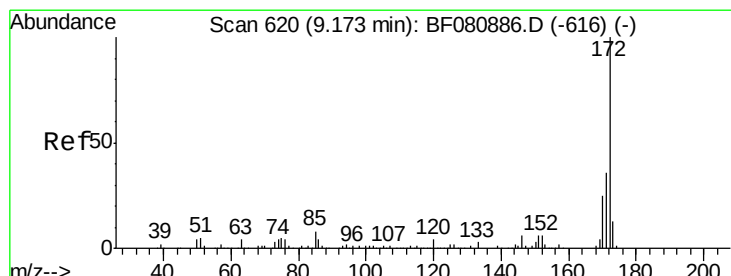
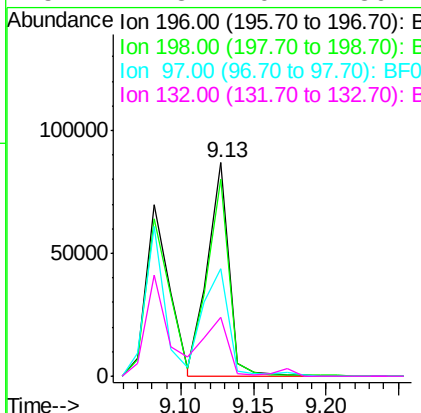
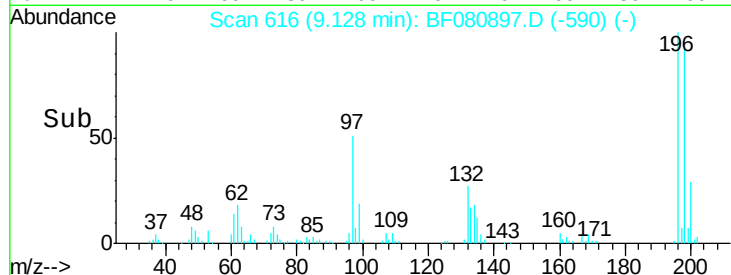
Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS



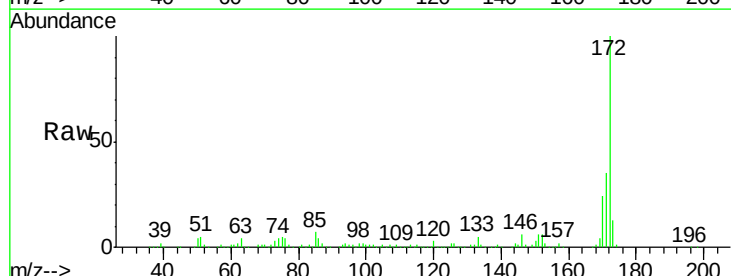
Tot Ion	Ratio	Resp	Lower	Upper
196	100	89716		
198	92.4	78.7	118.1	
97	50.6	33.9	50.9	
132	27.3	20.1	30.1	

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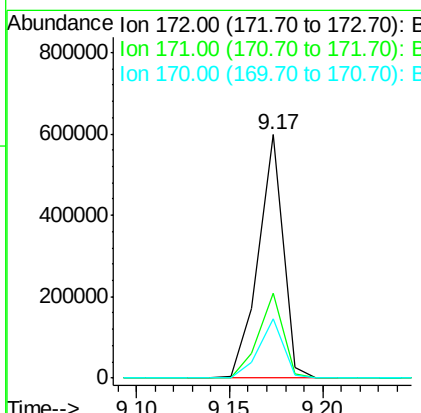
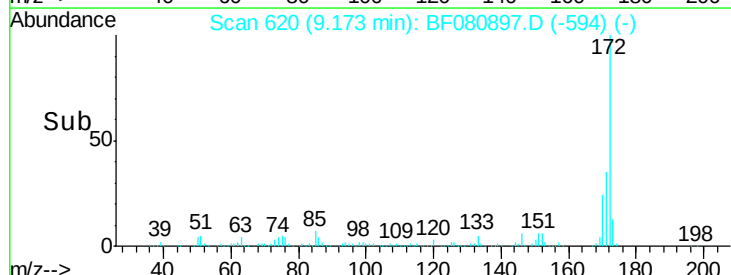
MMDadoda
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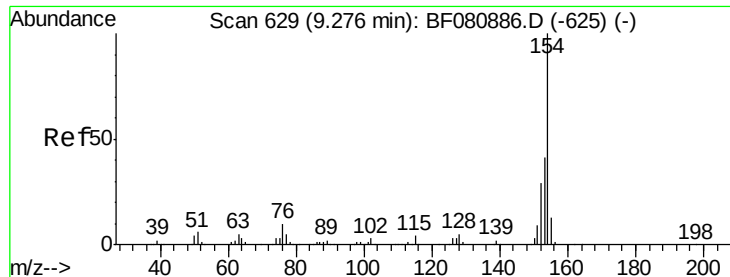


#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	549559		
171	34.9	29.0	43.4	
170	24.3	19.9	29.9	





#45

1,1'-Biphenyl

Concen: 38.49 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

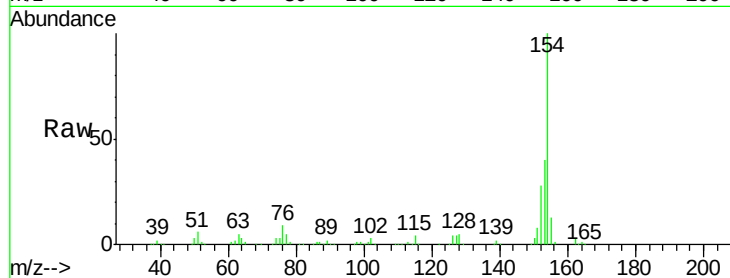
ClientSampleId :

PB84873BS

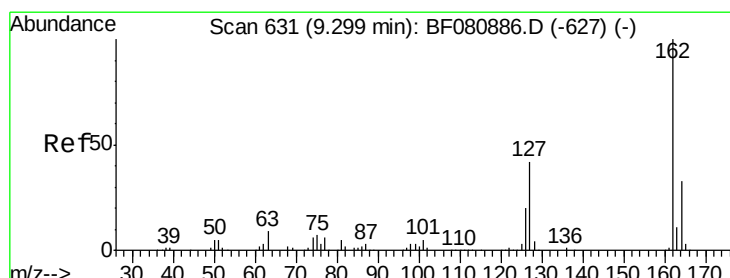
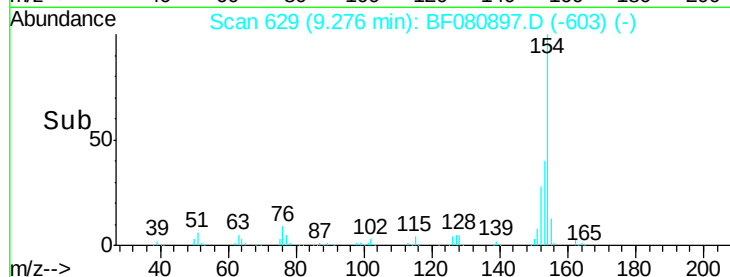
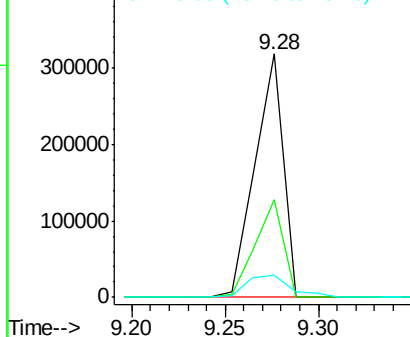
Tot Ion:	154	Resp:	331470
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.8	60.8
76	9.1	0.0	30.3

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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: 37.57 ng

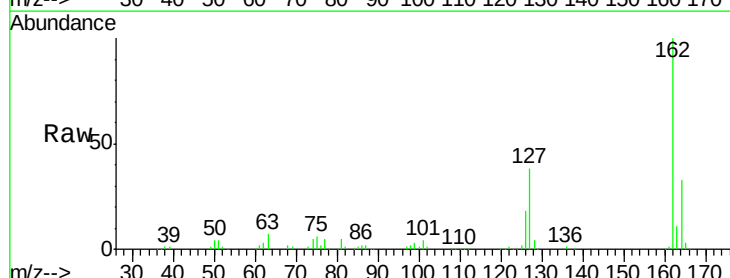
RT: 9.30 min Scan# 631

Delta R.T. -0.00 min

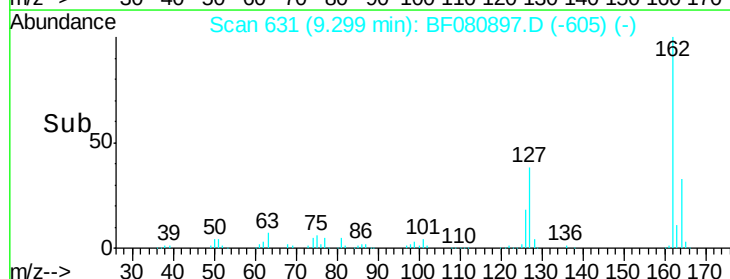
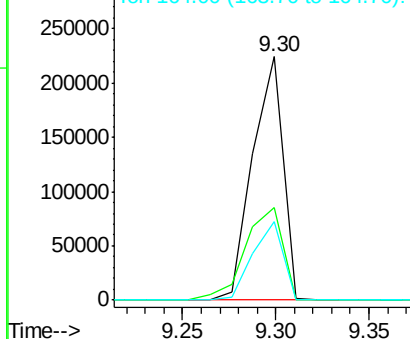
Lab File: BF080897.D

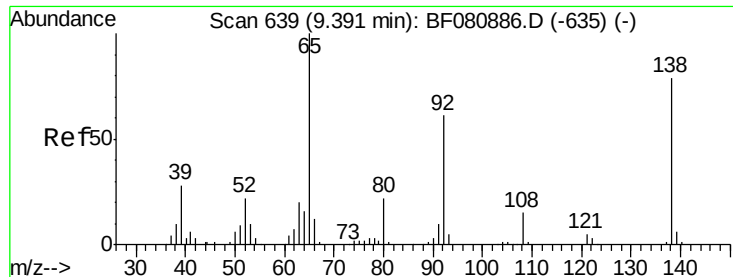
Acq: 6 Aug 2015 19:30

Tgt Ion:	162	Resp:	252939
Ion Ratio	Lower	Upper	
162	100		
127	38.3	33.5	50.3
164	32.5	26.5	39.7



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





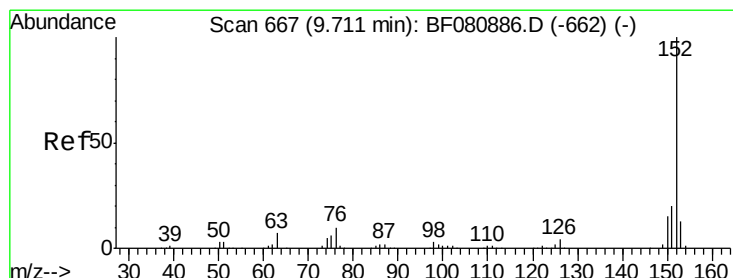
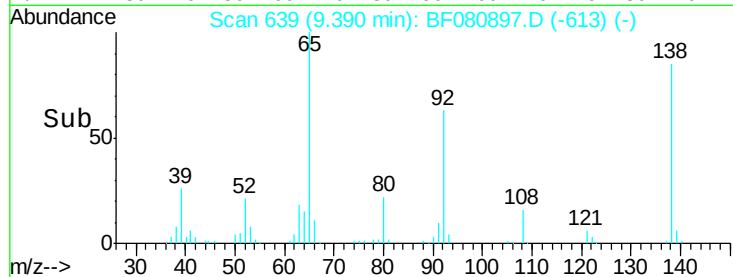
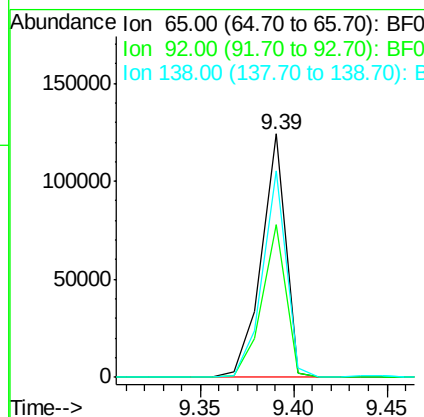
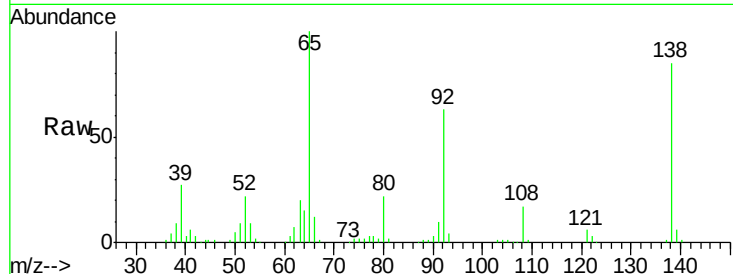
#47
2-Nitroaniline
Concen: 40.71 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	111472		
92	62.6	48.5	72.7	
138	84.9	63.3	94.9	

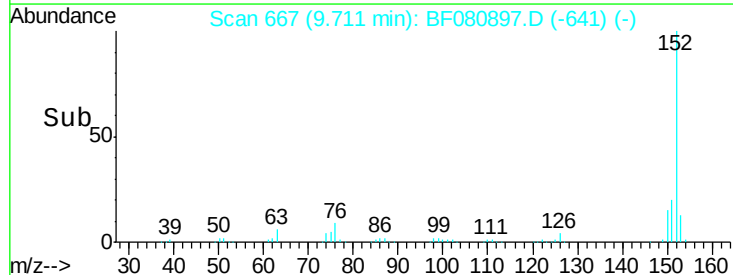
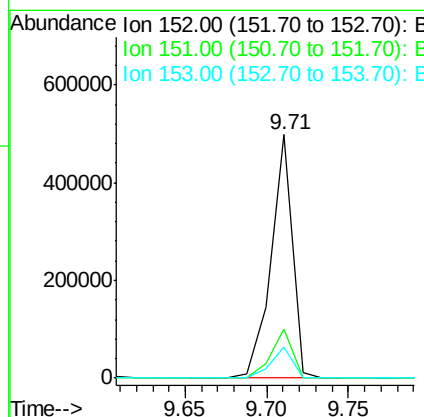
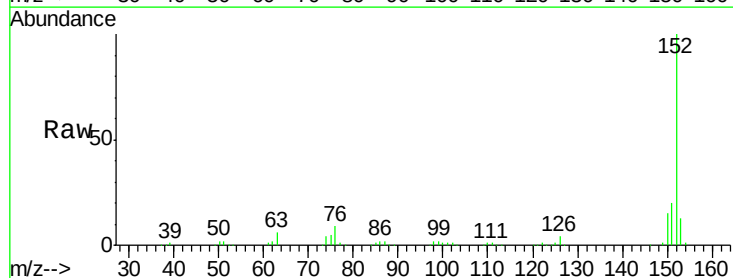
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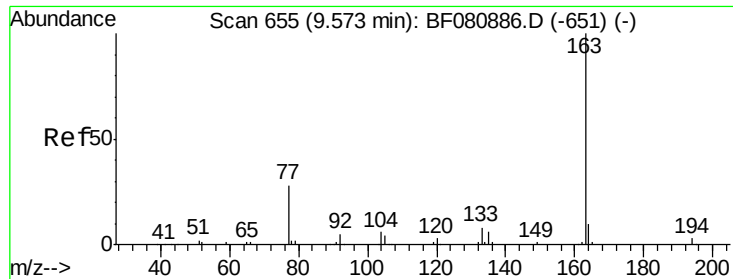
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8/10/2015 10:15:19 AM



#48
Acenaphthylene
Concen: 38.48 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	454383		
151	20.3	16.4	24.6	
153	13.0	10.6	16.0	





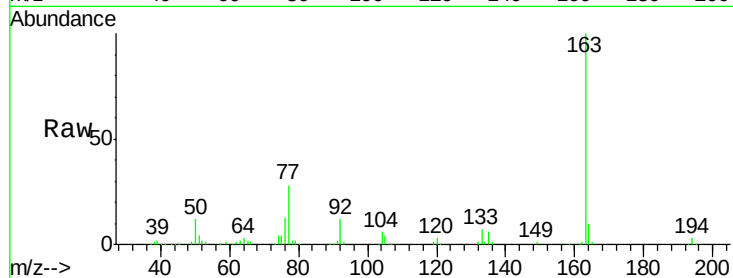
#49
Dimethylphthalate
Concen: 35.18 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

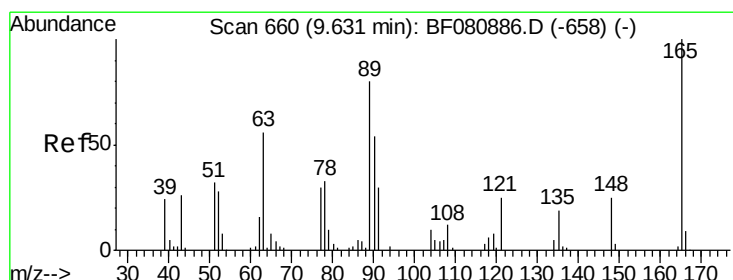
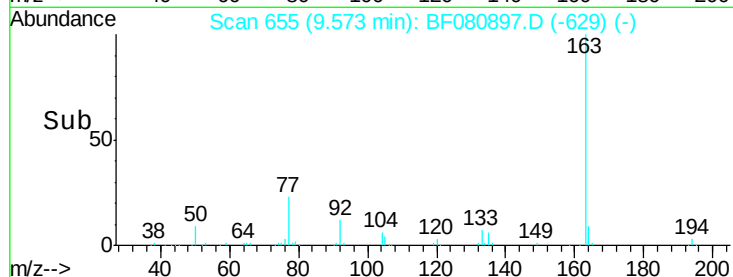
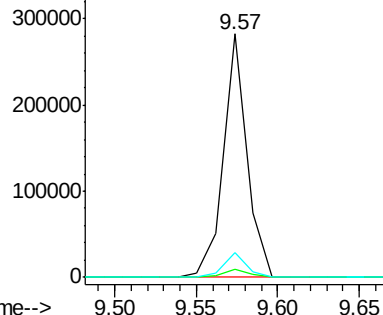
Tot Ion	Ratio	Resp	Lower	Upper
163	100	284407		
194	3.1	2.3	3.5	
164	10.2	8.3	12.5	

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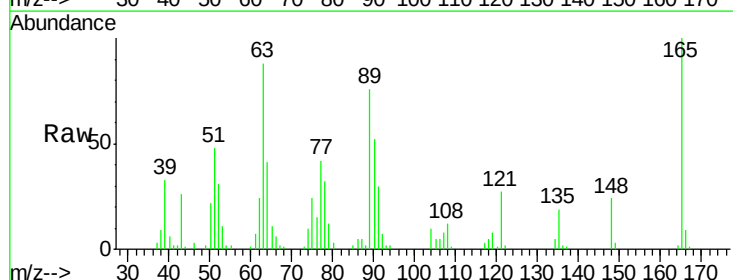


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

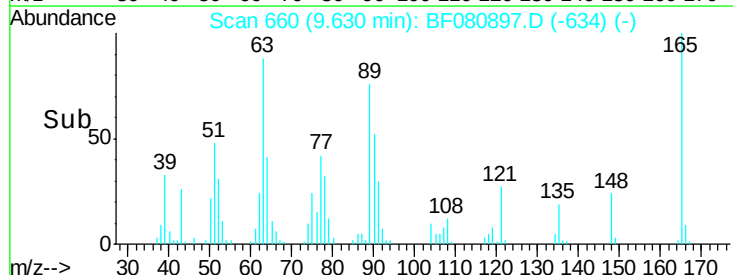
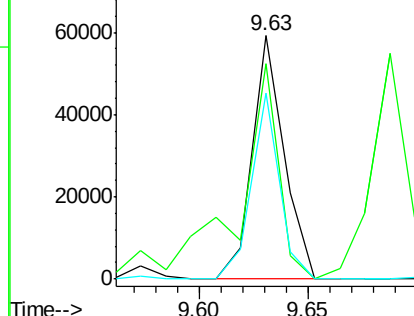


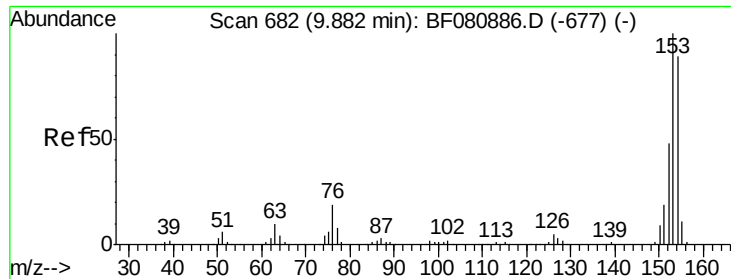
#50
2,6-Dinitrotoluene
Concen: 34.62 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	60009		
63	88.4	77.6	116.4	
89	76.2	63.7	95.5	



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





#51

Acenaphthene

Concen: 42.42 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

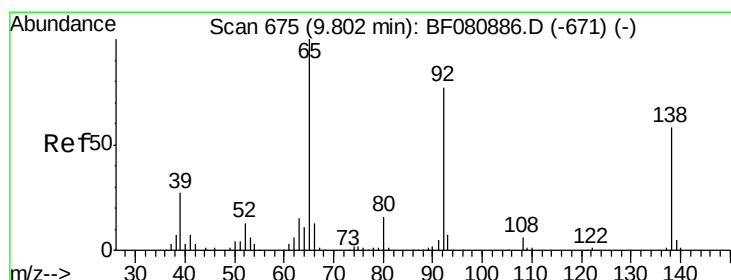
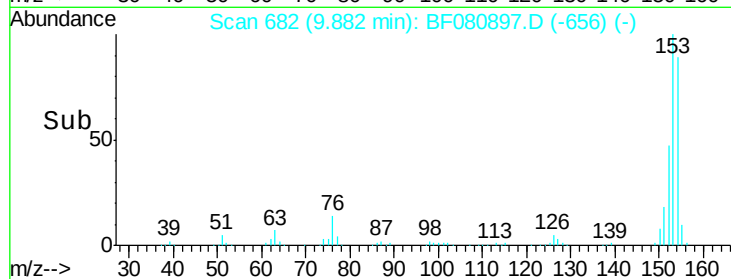
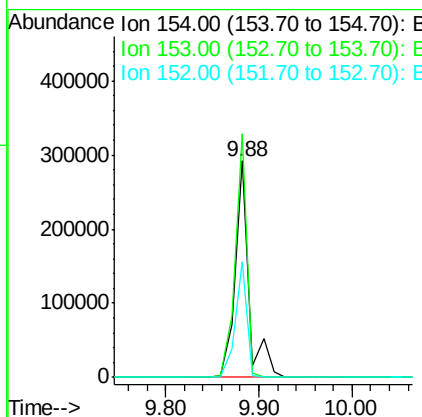
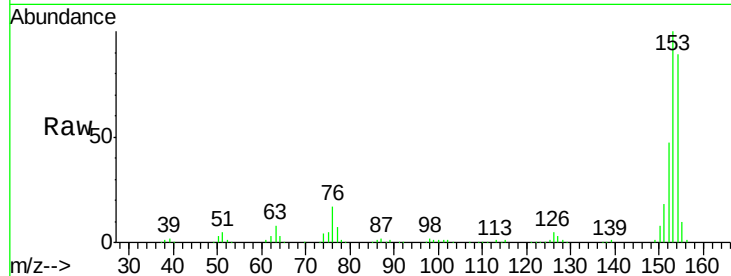
ClientSampleId :

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Tot Ion:	154	Resp:	304383
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.4	135.6
152	53.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 24.34 ng

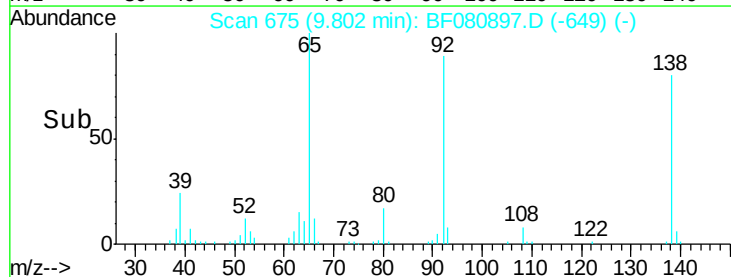
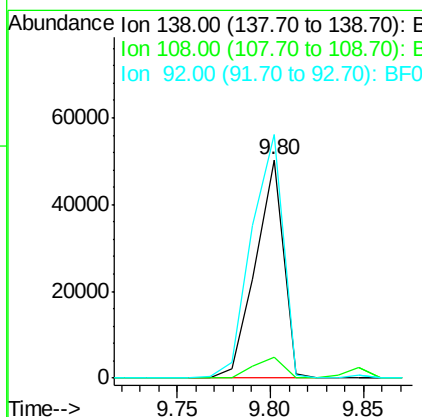
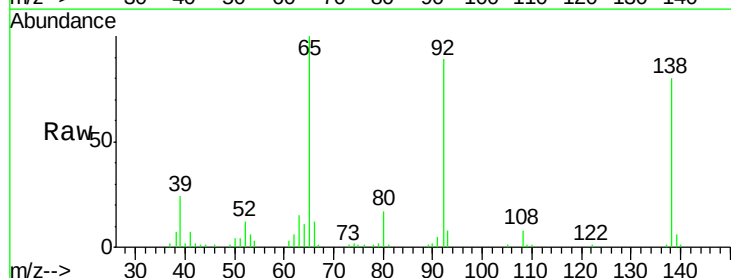
RT: 9.80 min Scan# 675

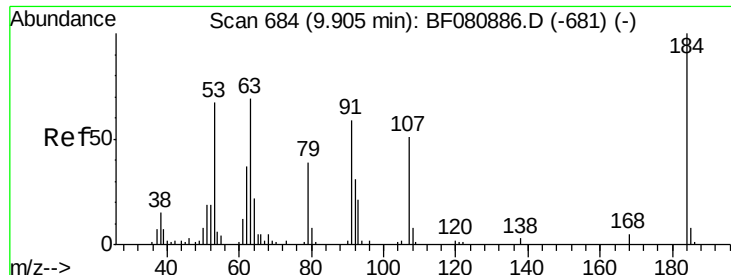
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	138	Resp:	52157
Ion Ratio	Lower	Upper	
138	100		
108	9.8	8.9	13.3
92	111.6	106.2	159.2





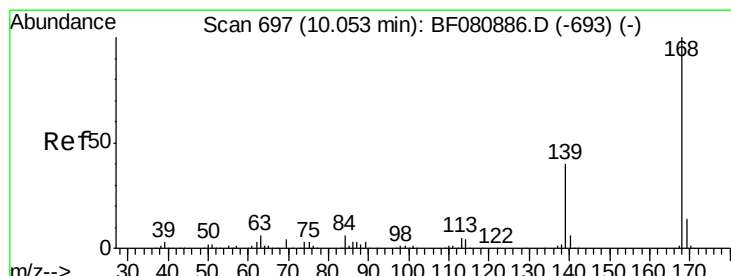
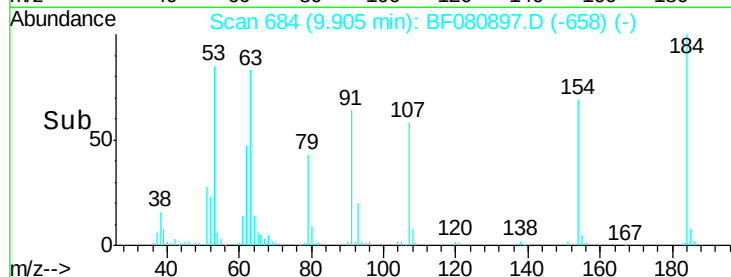
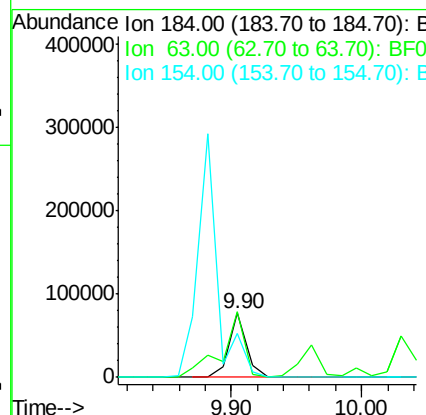
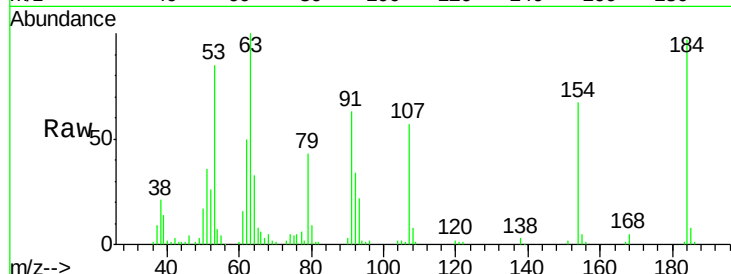
#53
 2,4-Dinitrophenol
 Concen: 76.44 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	72596		
63	103.2		67.6	101.4#
154	68.8		54.3	81.5

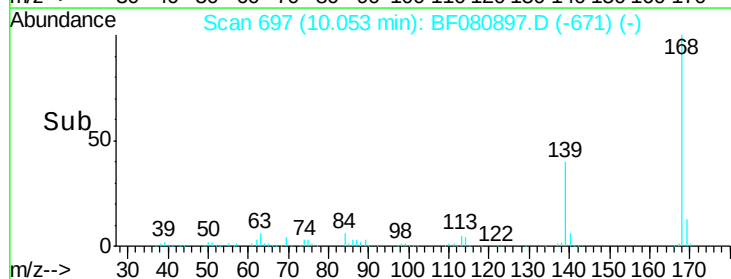
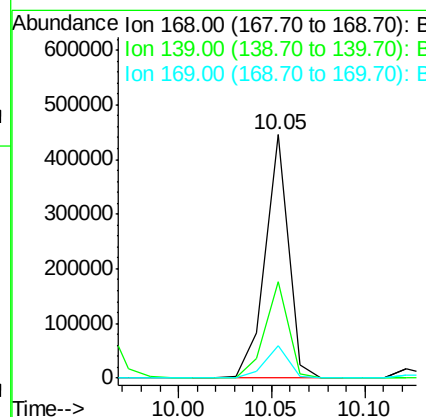
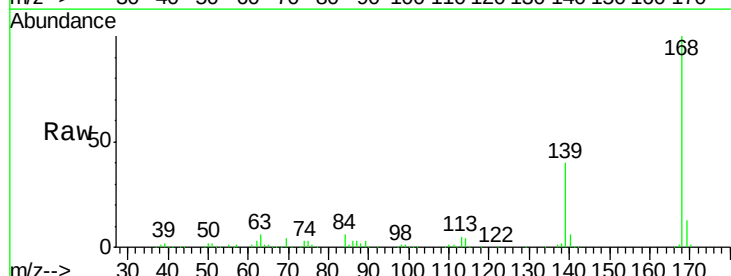
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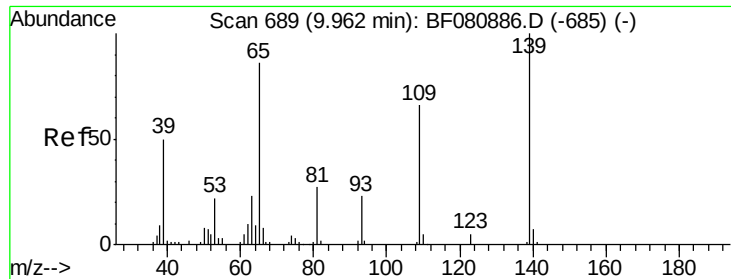
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#54
 Dibenzofuran
 Concen: 39.15 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	380484		
139	39.5		31.8	47.8
169	13.4		10.8	16.2





#55

4-Nitrophenol

Concen: 69.73 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

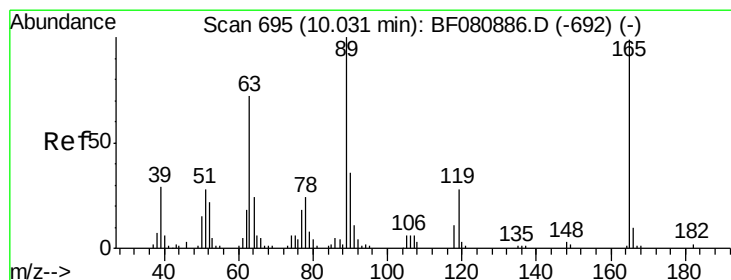
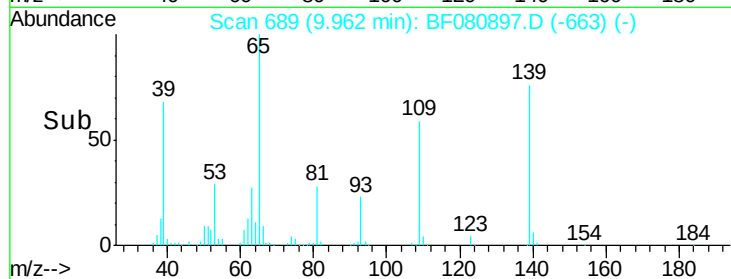
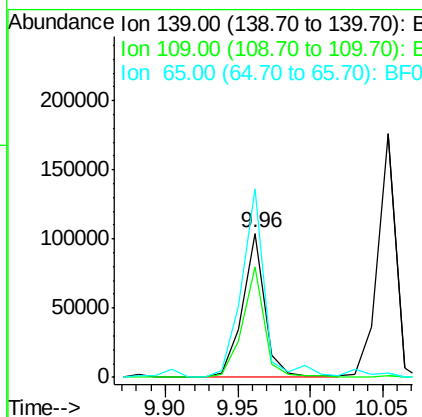
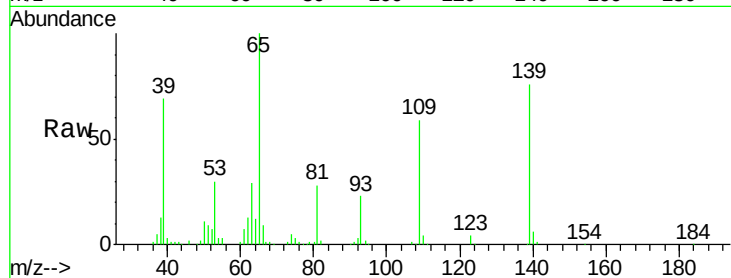
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	77.1	46.4	86.4	
65	130.7	65.6	105.6	



#56

2,4-Dinitrotoluene

Concen: 37.22 ng

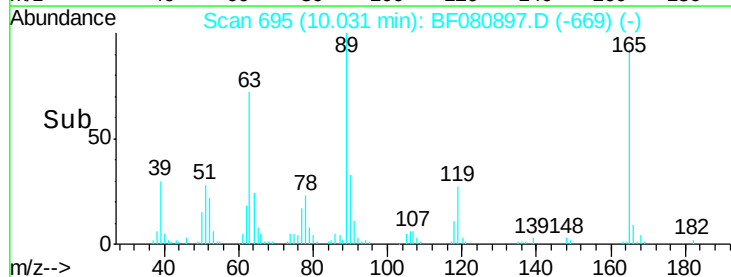
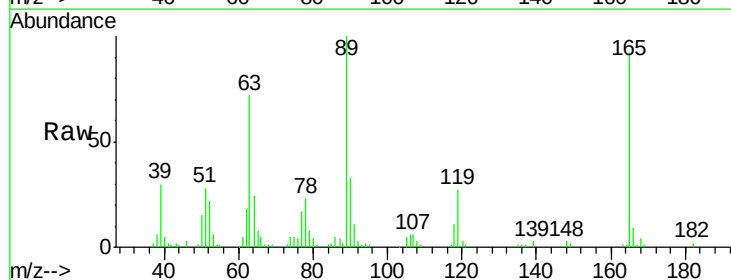
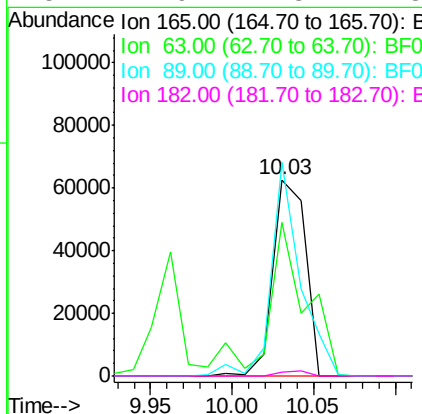
RT: 10.03 min Scan# 695

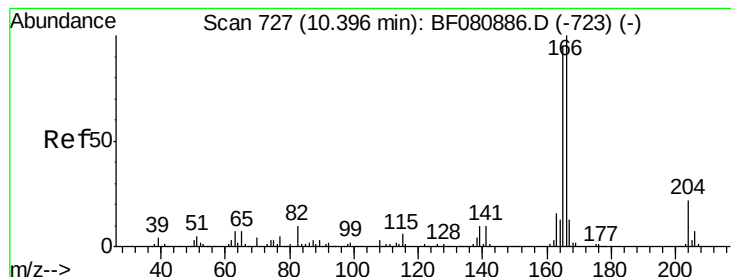
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.6	58.6	87.8	
89	109.0	80.7	121.1	
182	1.9	1.8	2.8	





#57

Fluorene

Concen: 39.80 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

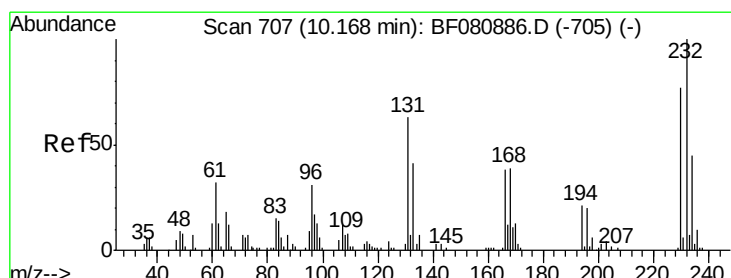
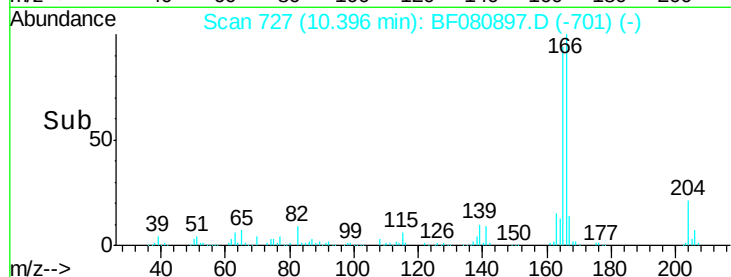
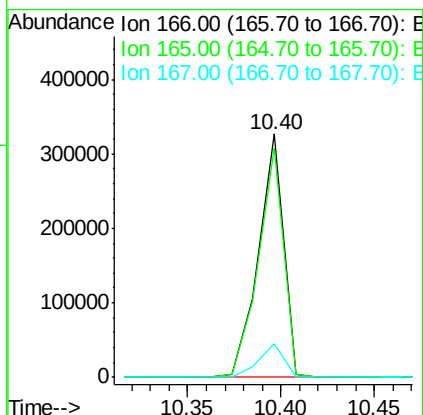
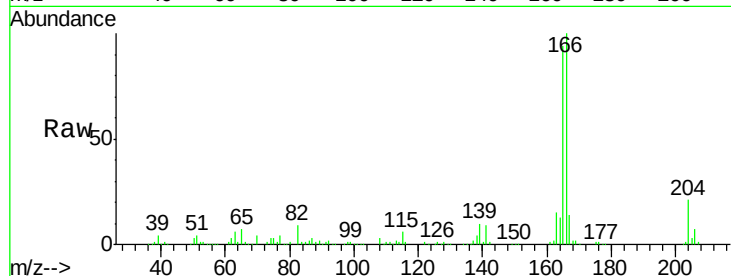
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
166	100	302654		
165	94.3	75.9	113.9	
167	13.6	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.48 ng

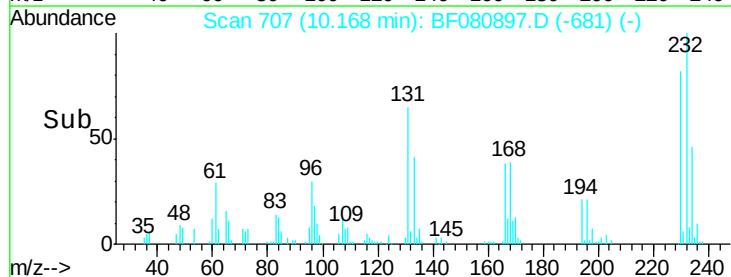
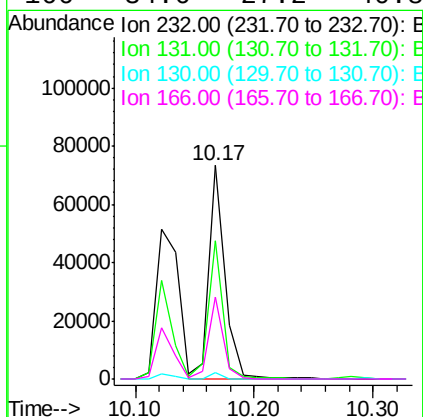
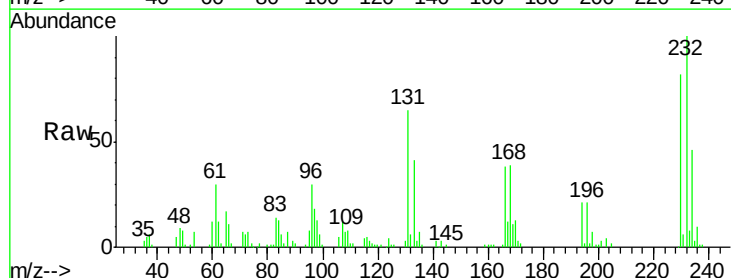
RT: 10.17 min Scan# 707

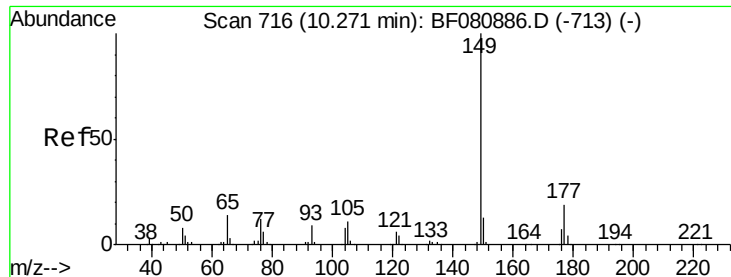
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	69372		
131	57.9	44.9	67.3	
130	2.4	1.9	2.9	
166	34.6	27.2	40.8	





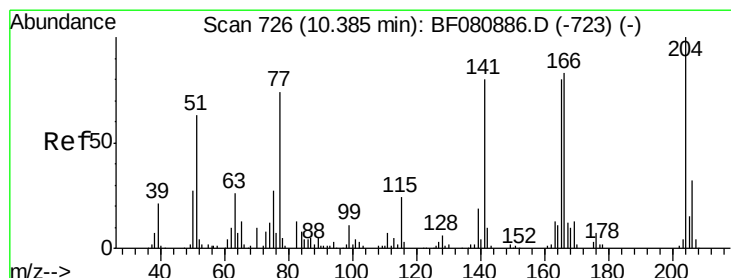
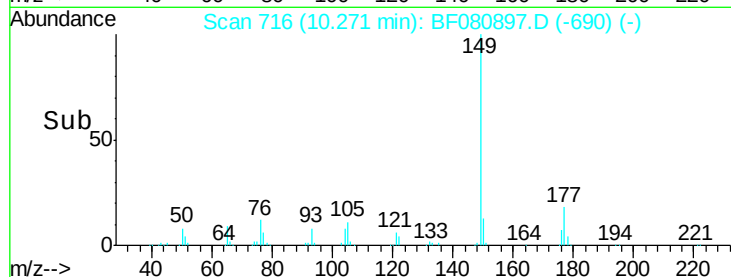
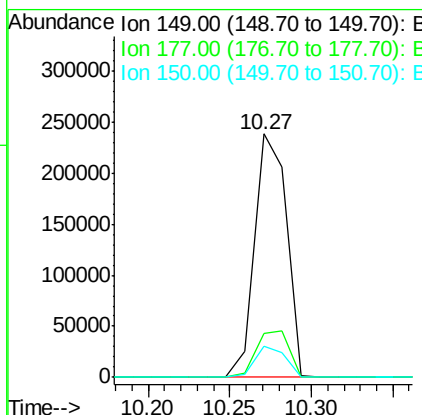
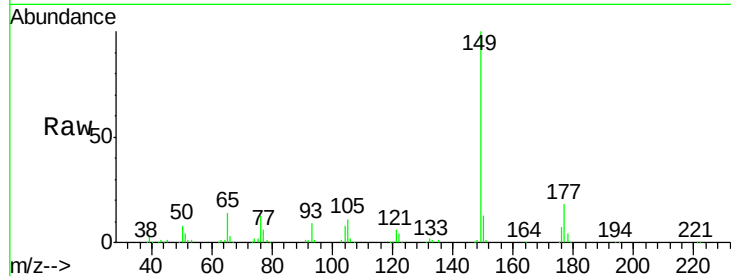
#59
Diethylphthalate
Concen: 36.74 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	323533		
177	18.2	14.9	22.3	
150	12.7	10.1	15.1	

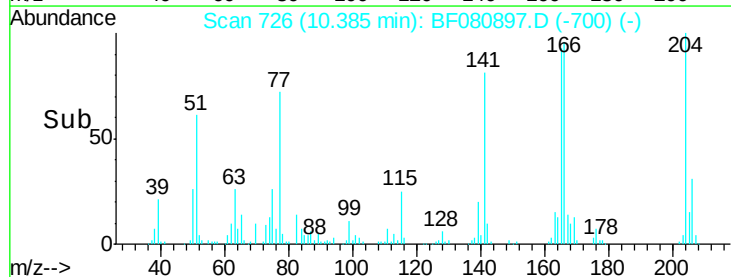
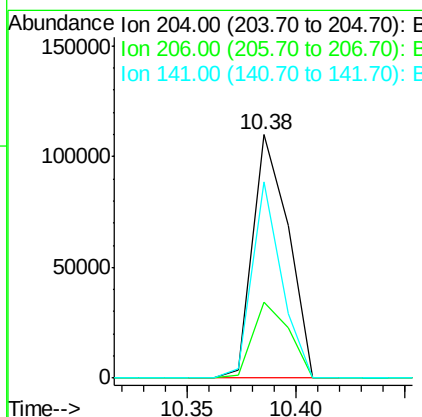
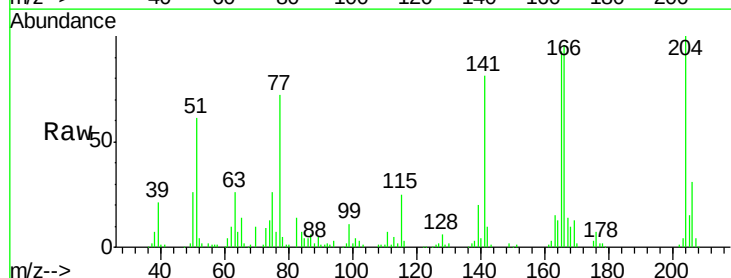
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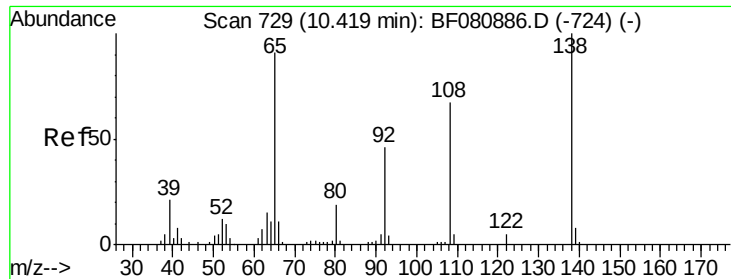
MMDadoda
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#60
4-Chlorophenyl-phenylether
Concen: 35.15 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	125262		
206	31.3	25.8	38.6	
141	80.6	63.8	95.6	





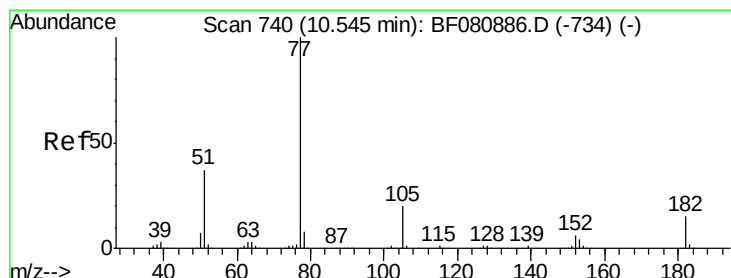
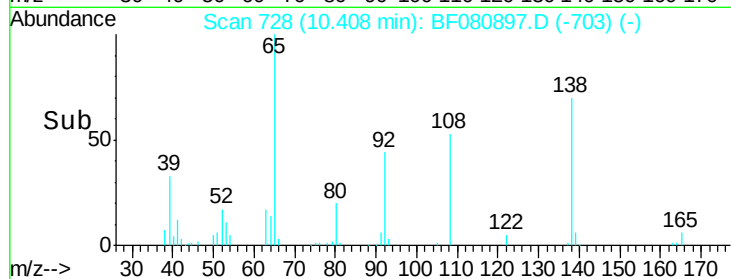
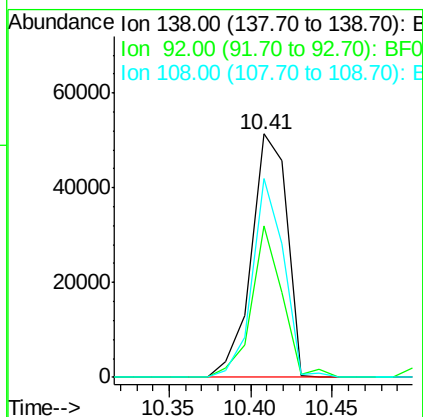
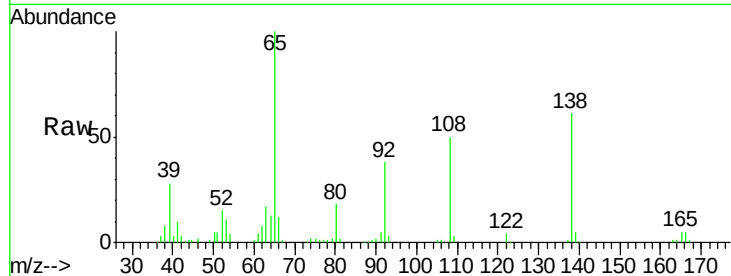
#61
4-Nitroaniline
Concen: 35.46 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.1	25.6	65.6
108	81.4	46.9	86.9

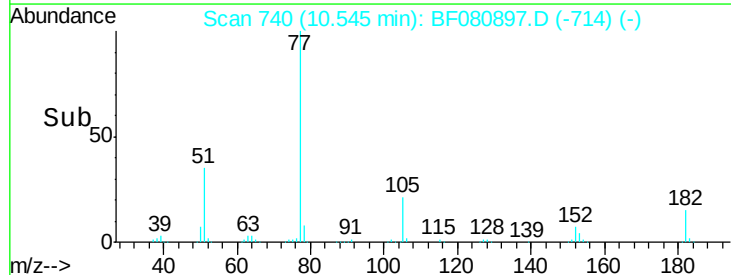
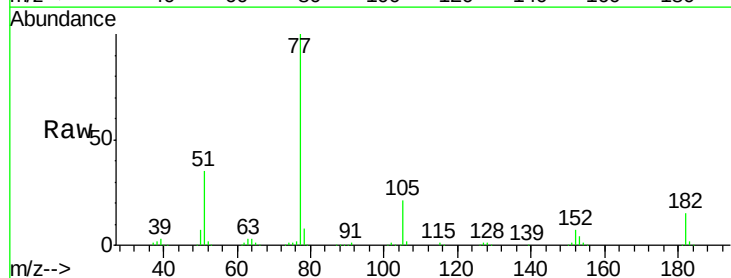
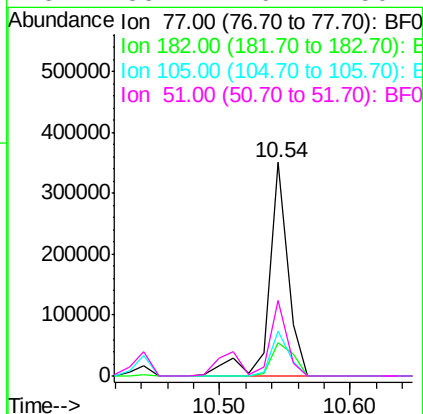
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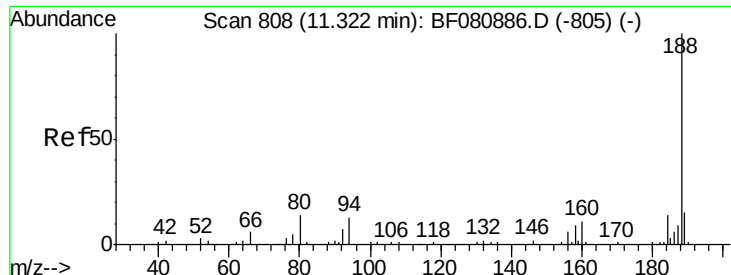
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#62
Azobenzene
Concen: 37.33 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.4	0.0	34.5
105	20.7	0.2	40.2
51	35.4	16.7	56.7





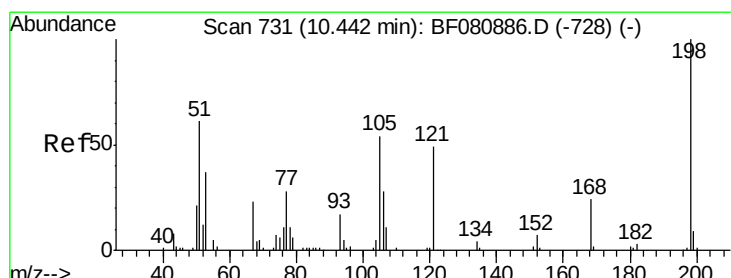
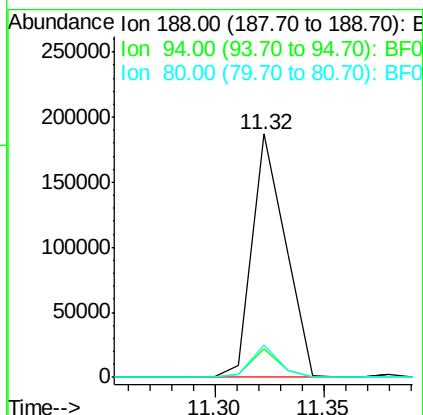
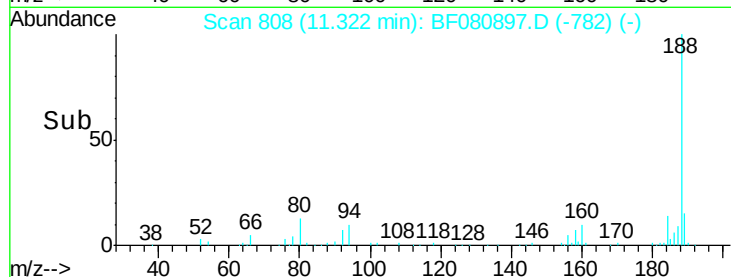
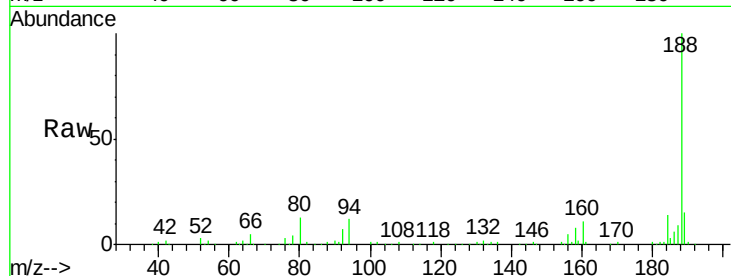
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	200116		
94	11.9		10.2	15.2
80	13.4		11.4	17.2

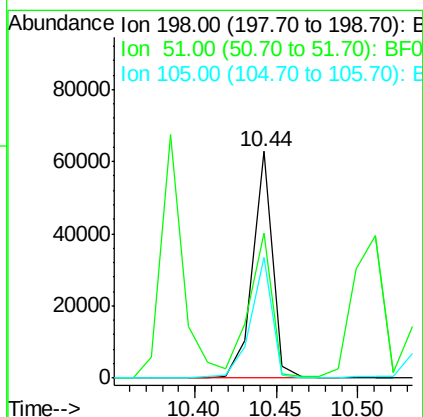
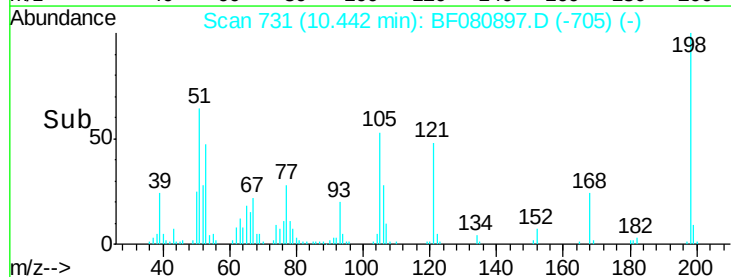
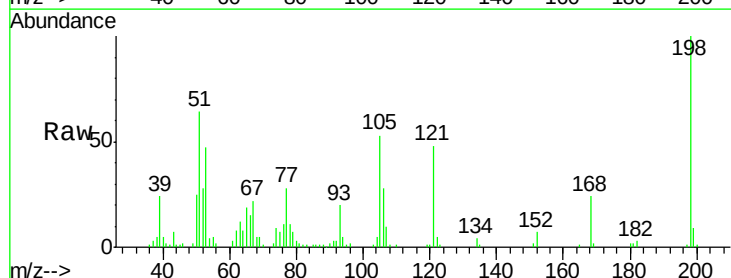
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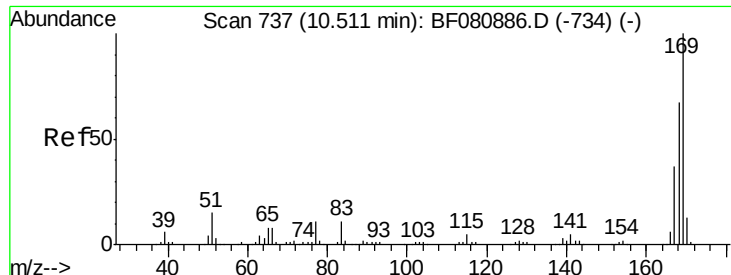
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#64
4,6-Dinitro-2-methylphenol
Concen: 40.62 ng
RT: 10.44 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	52957		
51	63.8		47.9	87.9
105	53.3		35.0	75.0





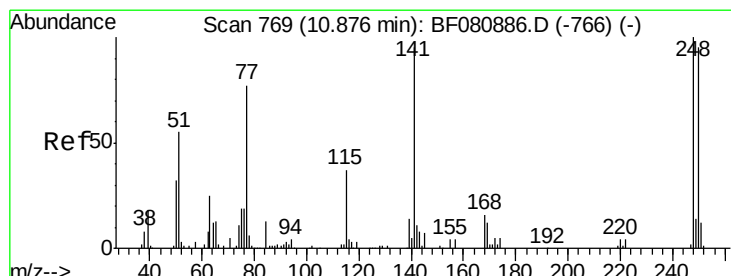
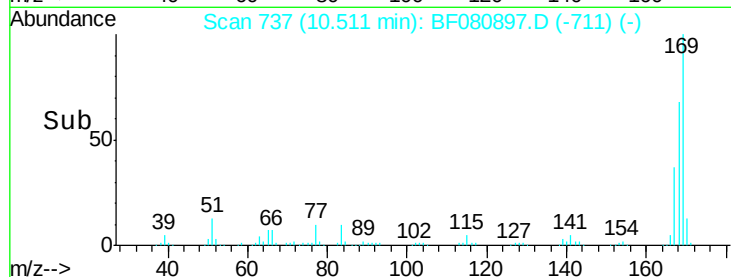
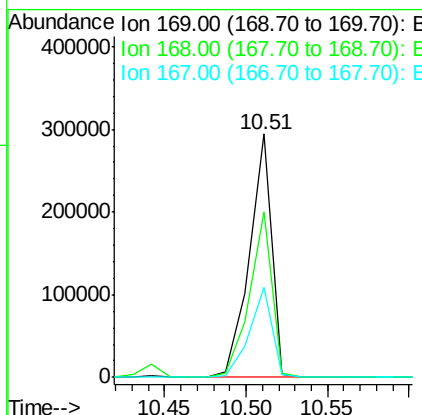
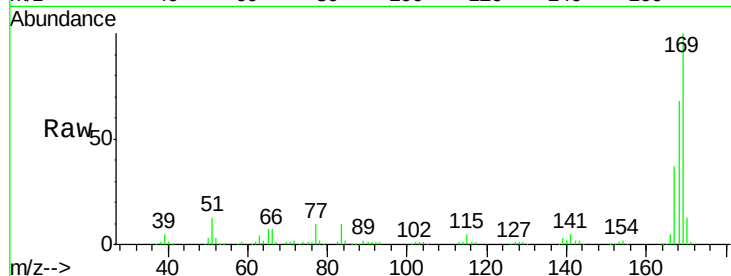
#65
 n-Nitrosodiphenylamine
 Concen: 39.18 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	279368		
168	67.8		54.0	81.0
167	36.8		29.8	44.8

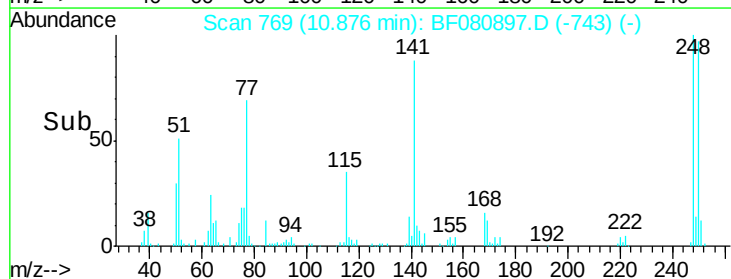
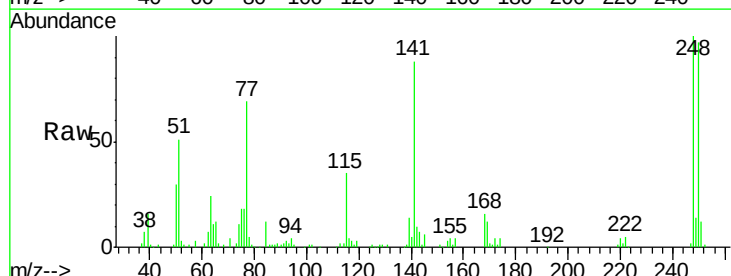
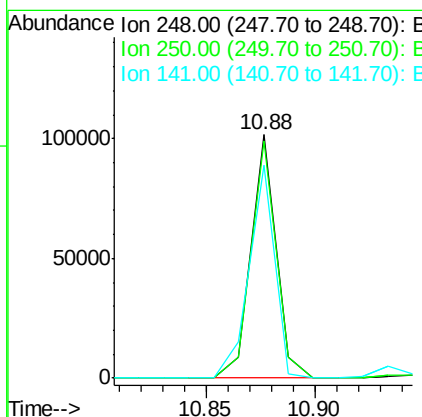
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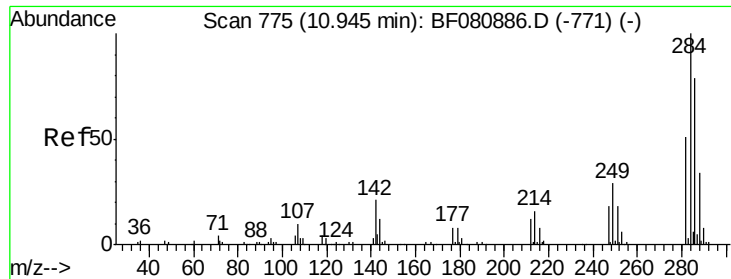
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#66
 4-Bromophenyl-phenylether
 Concen: 37.68 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	81944		
250	97.3		75.9	113.9
141	87.5		75.8	113.6





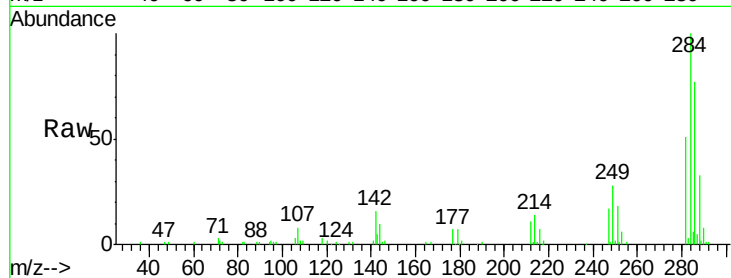
#67
Hexachlorobenzene
Concen: 37.89 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

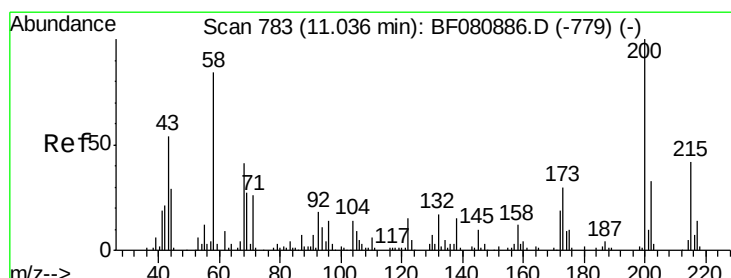
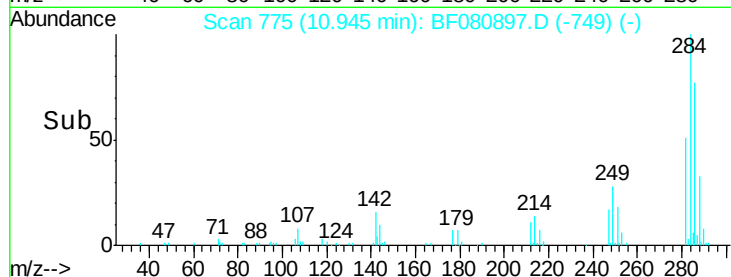
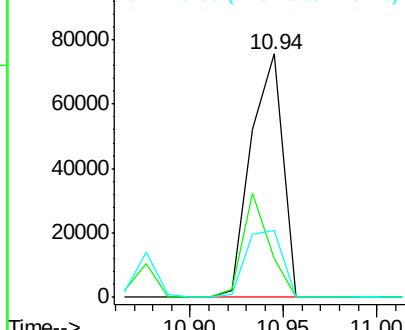
Tot Ion	Ratio	Resp	Lower	Upper
284	100	89110		
142	16.1	16.4	24.6	#
249	27.7	23.1	34.7	

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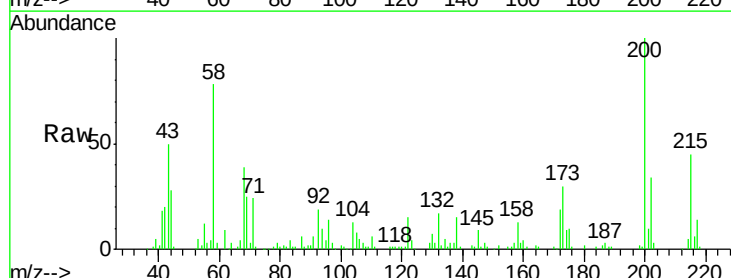


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

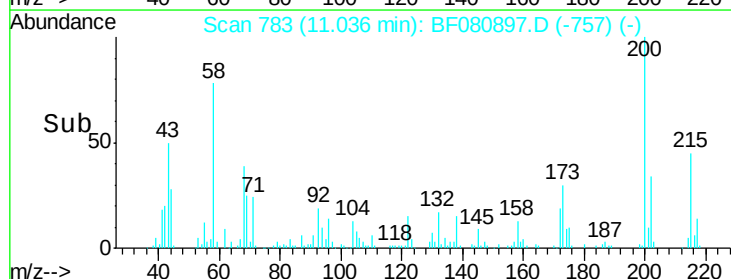
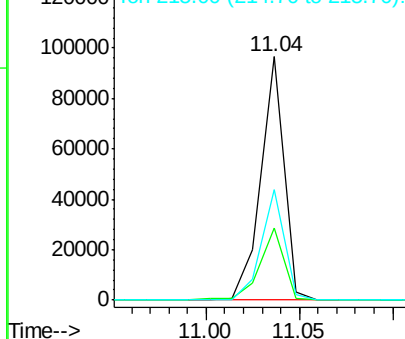


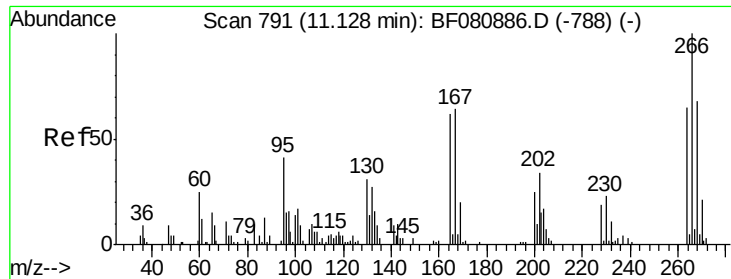
#68
Atrazine
Concen: 40.11 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	82575		
173	29.6	10.0	50.0	
215	45.2	22.3	62.3	



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





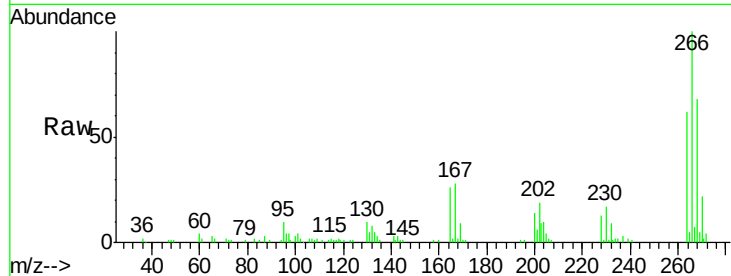
#69
 Pentachlorophenol
 Concen: 79.25 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

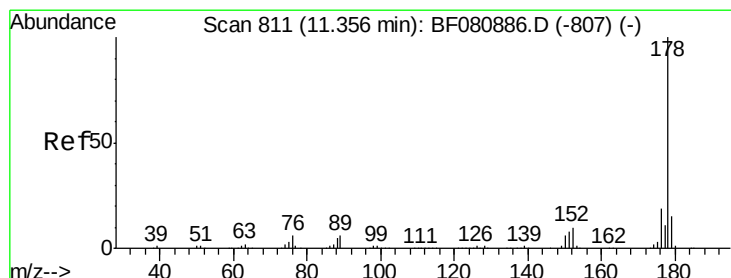
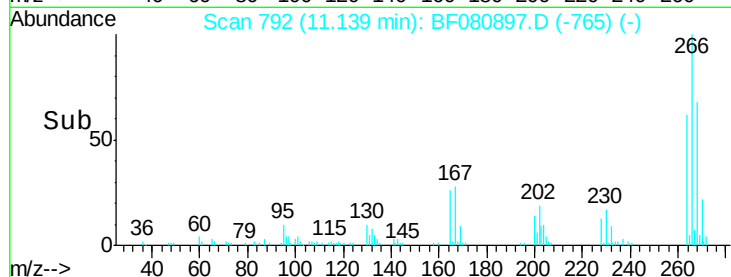
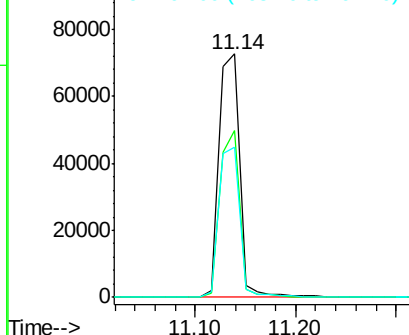
Tot Ion	Ratio	Resp	Lower	Upper
266	100	104462		
268	68.3	54.1	81.1	
264	61.7	51.6	77.4	

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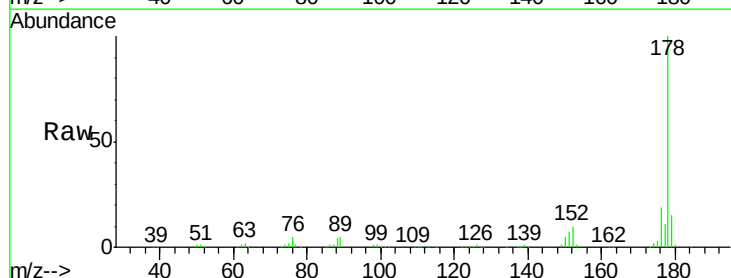


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

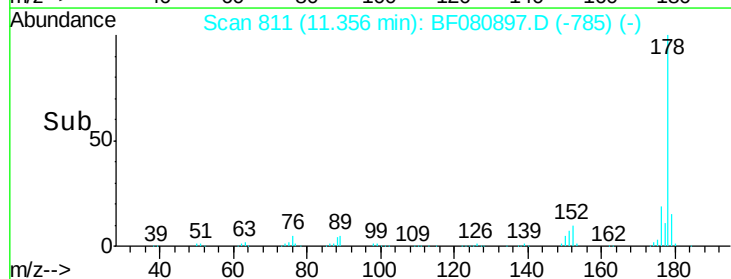
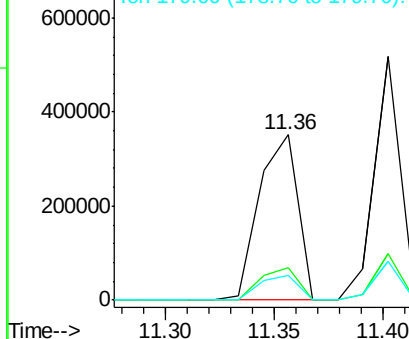


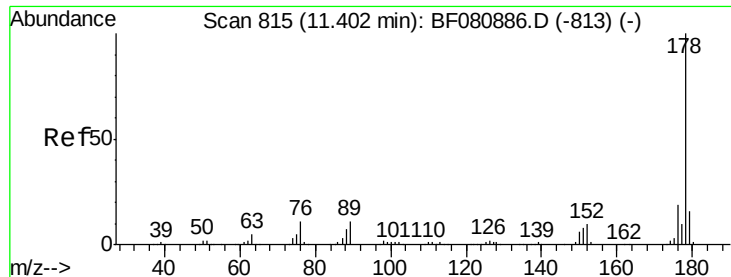
#70
 Phenanthrene
 Concen: 37.40 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	437997		
176	19.4	15.6	23.4	
179	14.7	12.0	18.0	



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





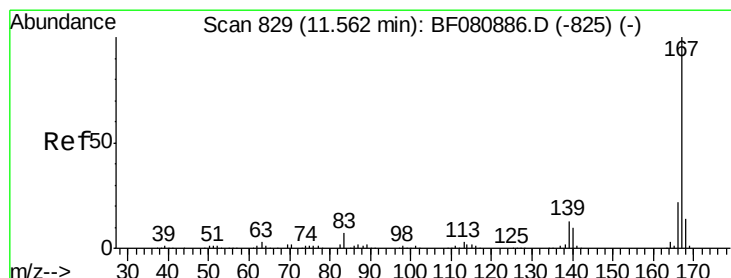
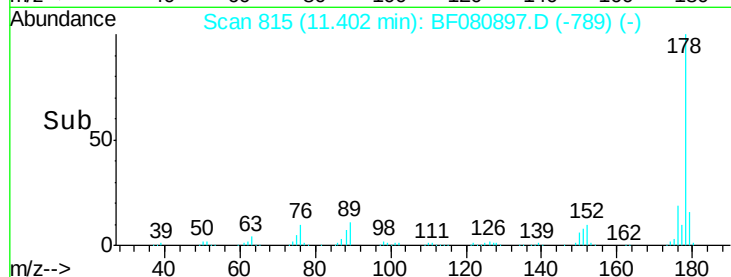
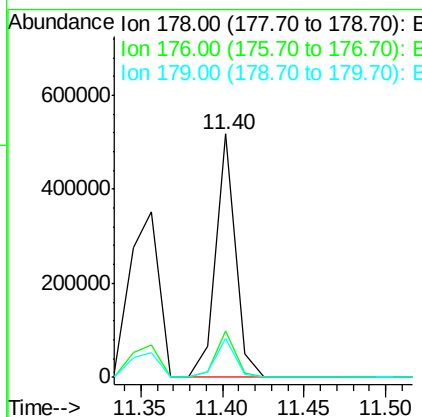
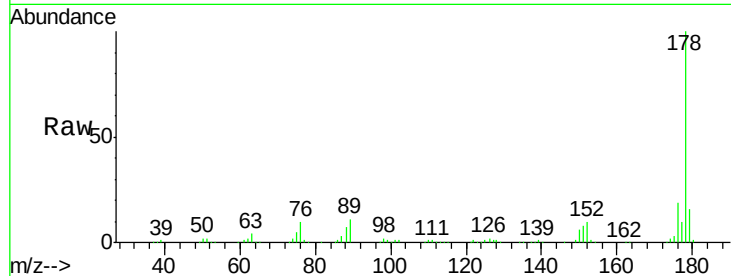
#71
 Anthracene
 Concen: 37.81 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.8	12.5	18.7

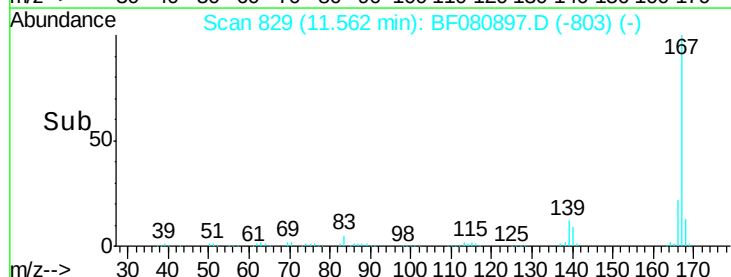
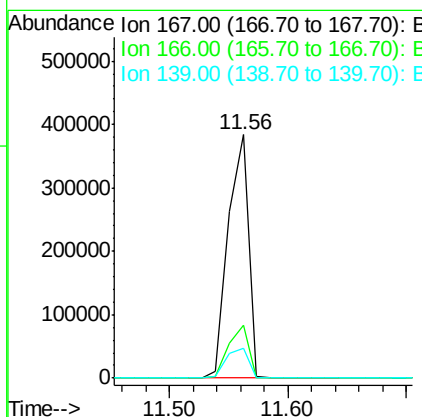
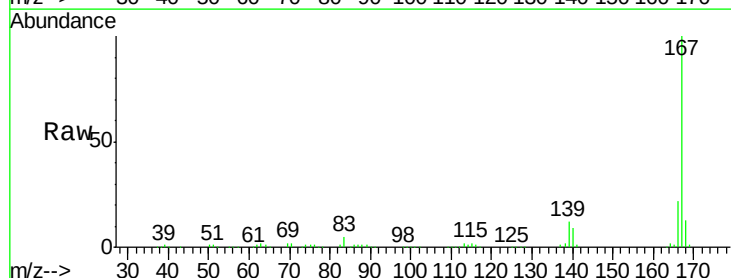
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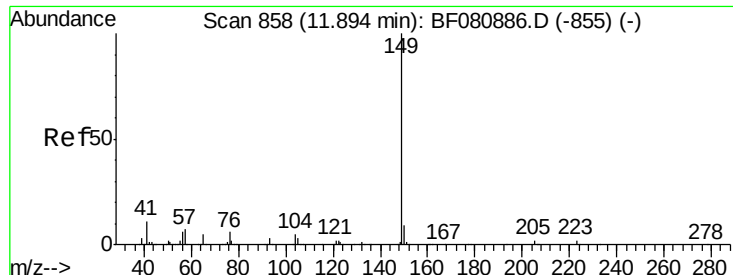
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#72
 Carbazole
 Concen: 39.02 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.3	25.9
139	12.1	10.2	15.2





#73

Di-n-butylphthalate

Concen: 36.63 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

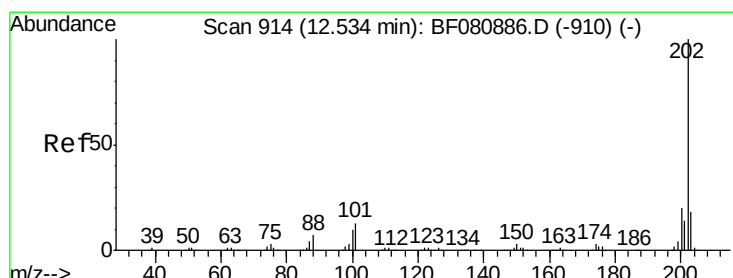
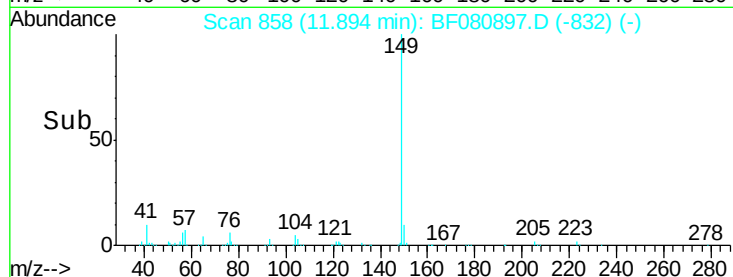
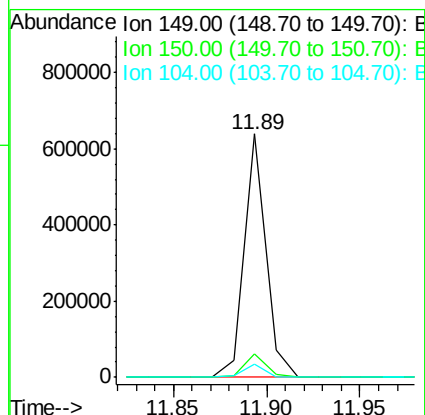
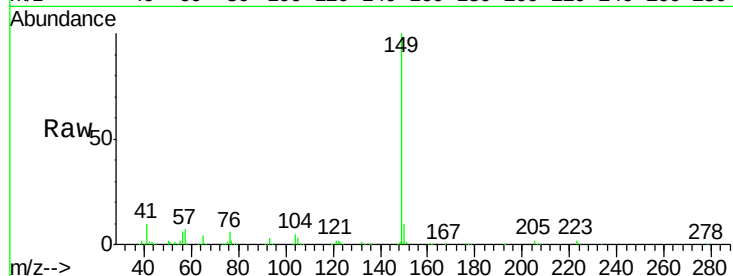
ClientSampleId :

PB84873BS

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Tot Ion:	149	Resp:	519896
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.3	4.3	6.5



#74

Fluoranthene

Concen: 38.15 ng

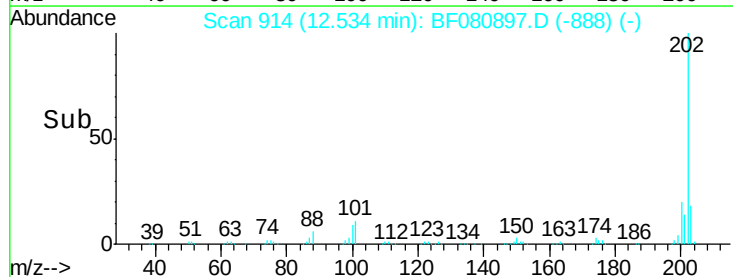
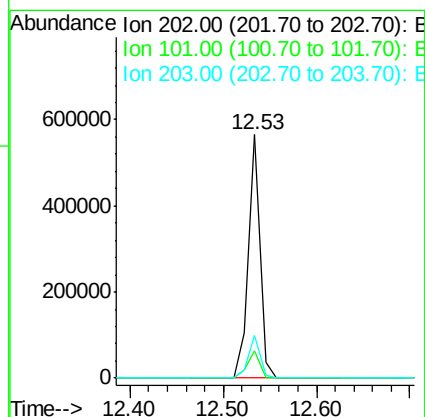
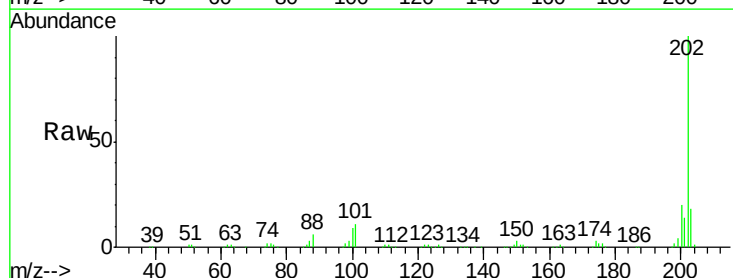
RT: 12.53 min Scan# 914

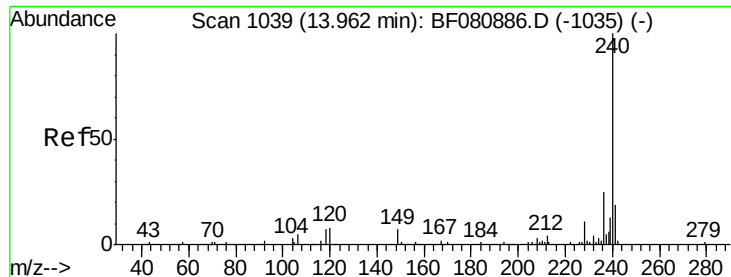
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	202	Resp:	488504
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	32.7
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

ClientSampleId :

PB84873BS

Tot Ion:240 Resp: 176357
Ion Ratio Lower Upper

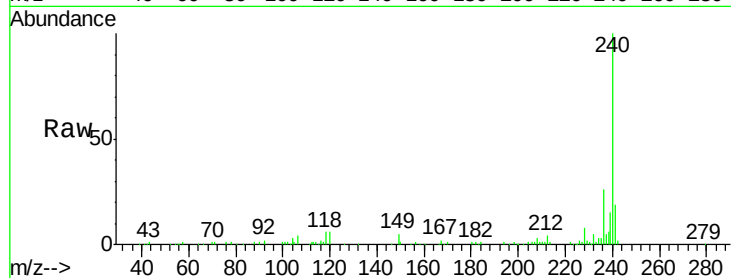
240 100

120 6.0 6.4 9.6#

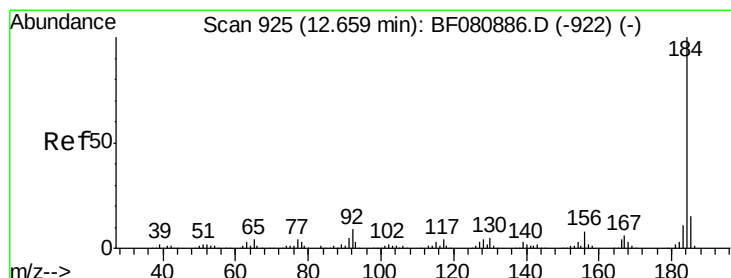
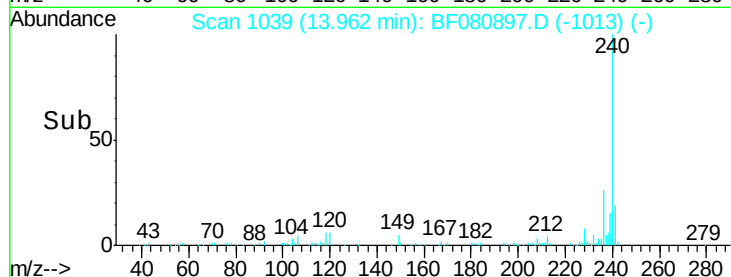
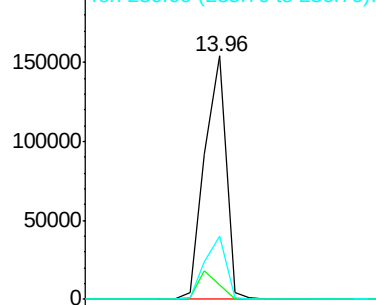
236 25.7 20.2 30.4

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



#76

Benzidine

Concen: 30.90 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF080897.D

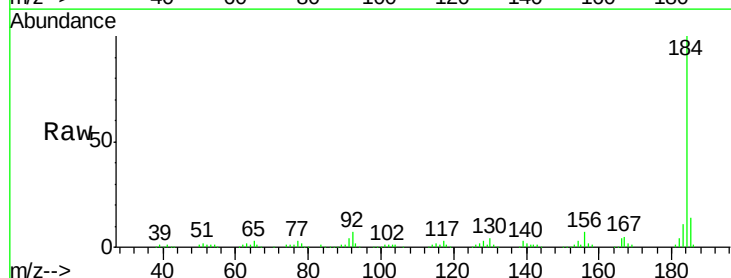
Acq: 6 Aug 2015 19:30

Tgt Ion:184 Resp: 222612
Ion Ratio Lower Upper

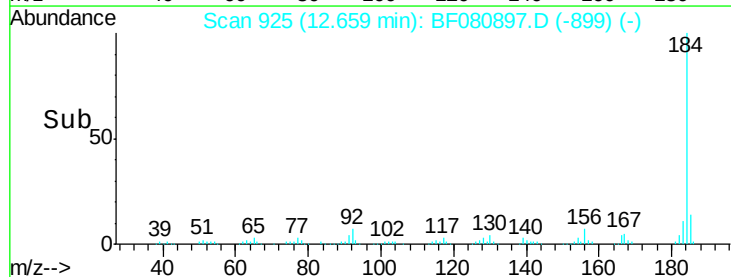
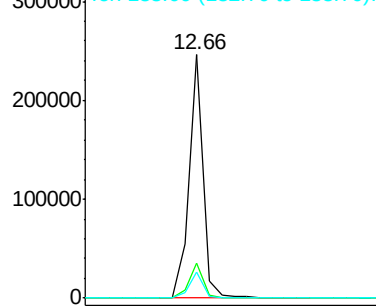
184 100

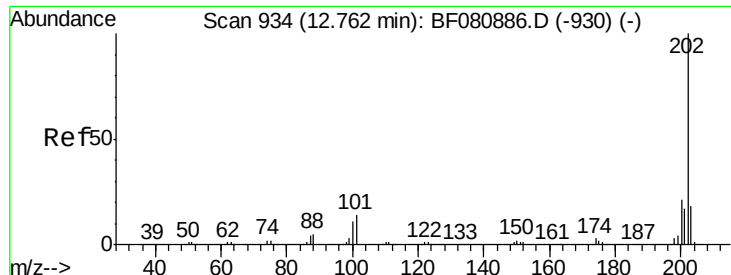
185 14.3 12.4 18.6

183 10.6 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.34 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

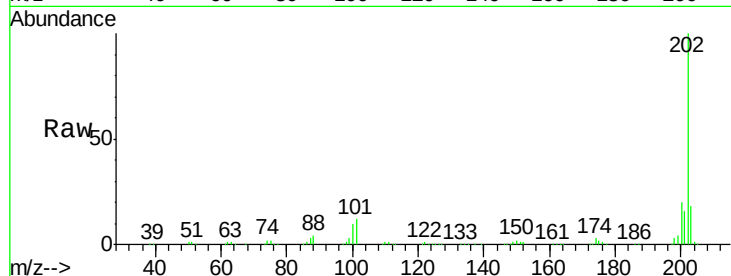
ClientSampleId :

PB84873BS

Tot Ion:	202	Resp:	528815
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	24.8
203	18.0	14.3	21.5

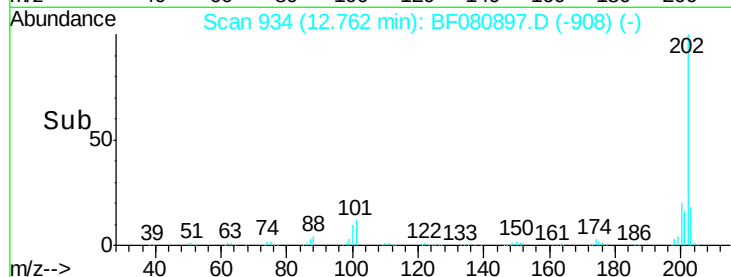
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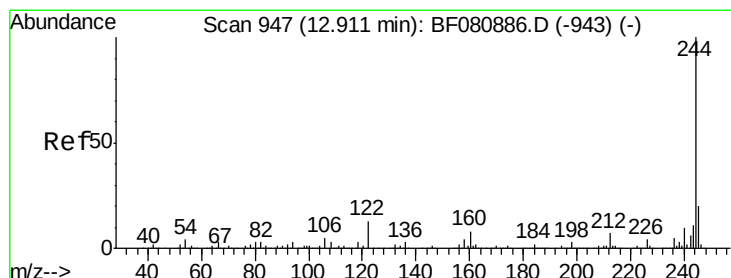


Abundance Ion 202.00 (201.70 to 202.70): E
800000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.76



Time--> 12.70 12.80



#78

Terphenyl-d14

Concen: 72.48 ng

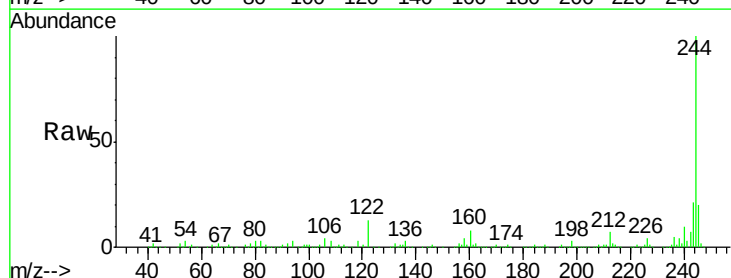
RT: 12.91 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF080897.D

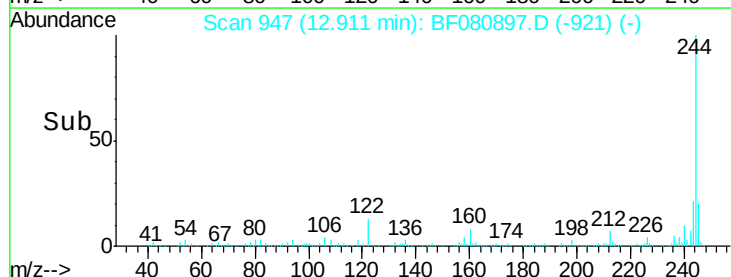
Acq: 6 Aug 2015 19:30

Tgt Ion:	244	Resp:	606302
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.9	8.9
122	12.5	10.6	16.0

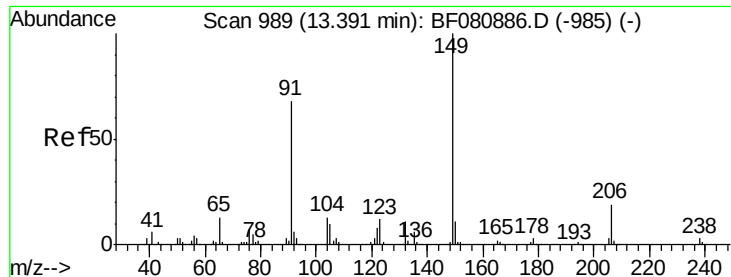


Abundance Ion 244.00 (243.70 to 244.70): E
800000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.91



Time--> 12.90 13.00



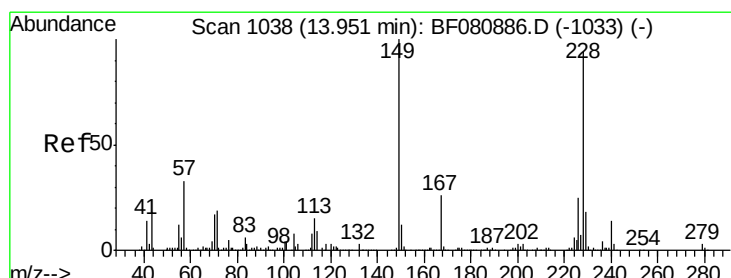
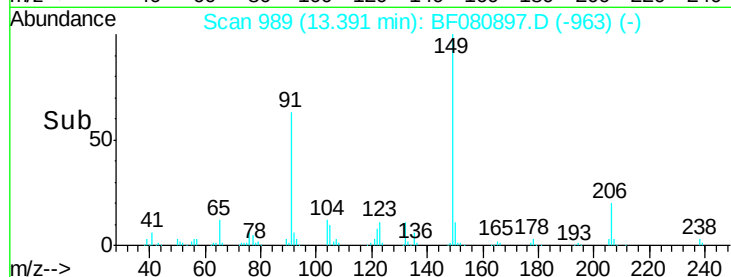
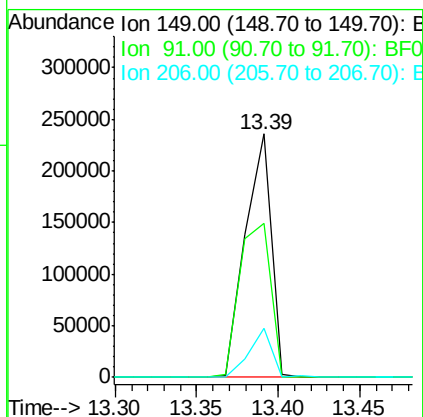
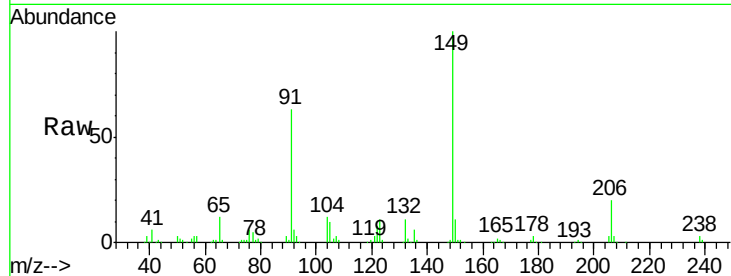
#79
Butylbenzylphthalate
Concen: 41.44 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	259816		
91	63.4	54.0	81.0	
206	19.9	15.1	22.7	

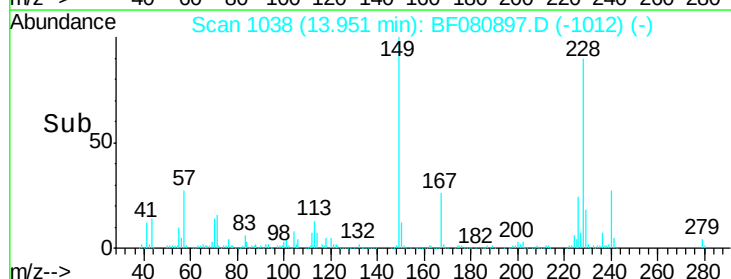
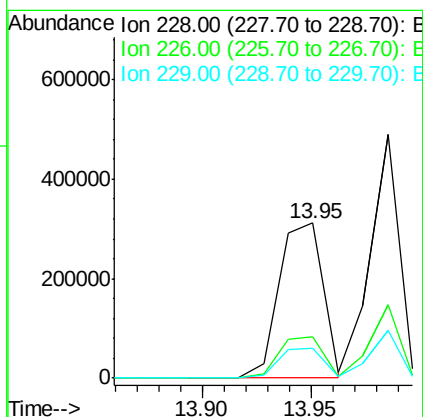
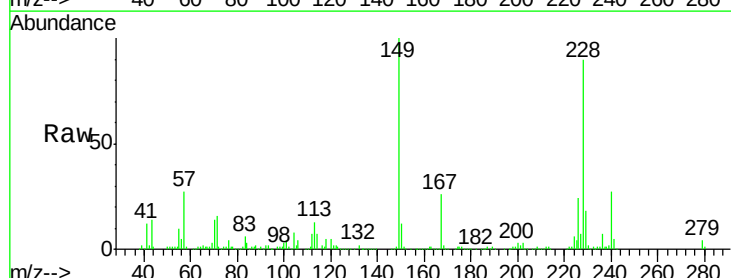
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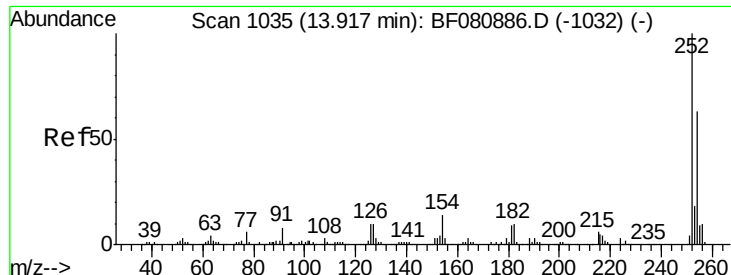
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#80
Benzo(a)anthracene
Concen: 38.44 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	442873		
226	27.1	21.4	32.2	
229	19.5	14.9	22.3	





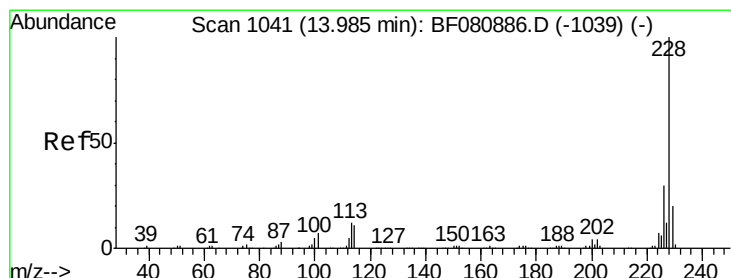
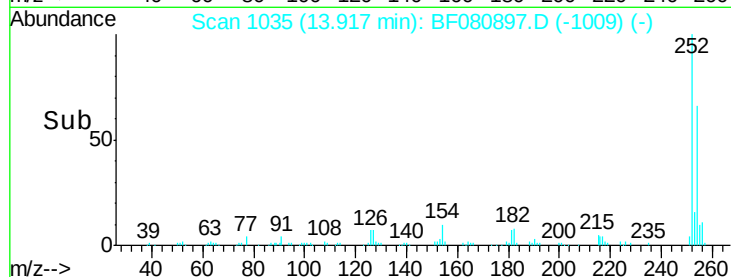
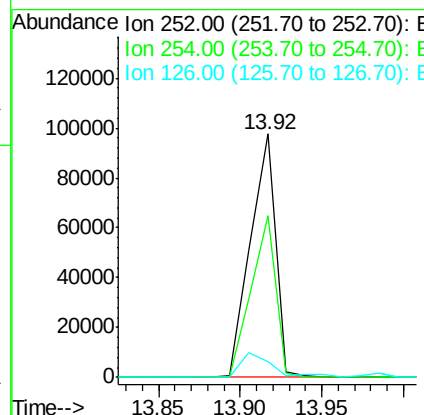
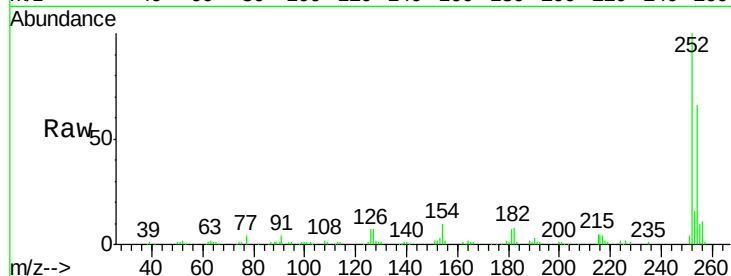
#81
 3,3'-Dichlorobenzidine
 Concen: 24.20 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.4	50.0	75.0
126	6.5	8.1	12.1

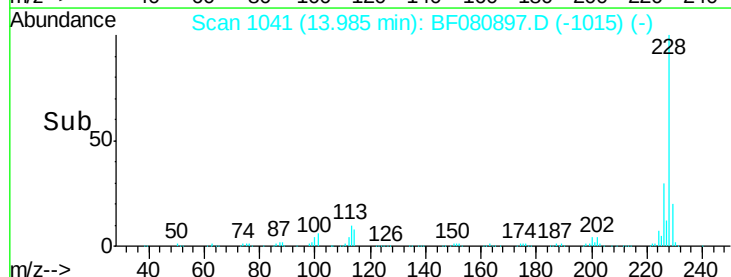
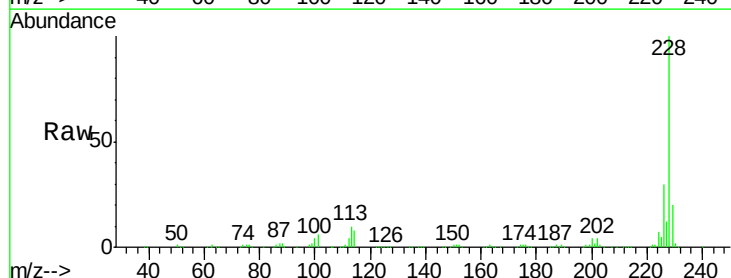
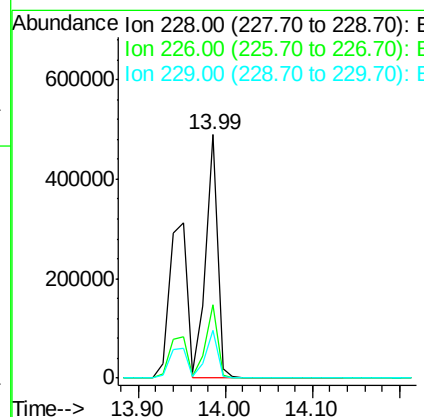
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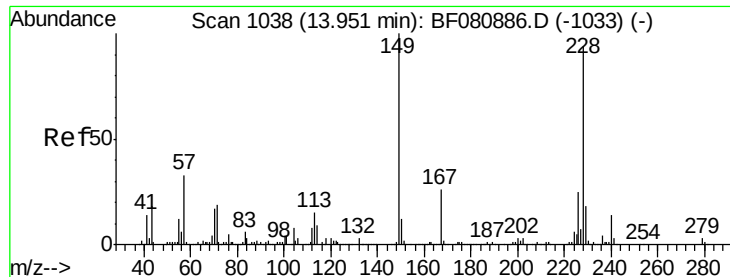
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#82
 Chrysene
 Concen: 41.34 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.2	36.2
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.91 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

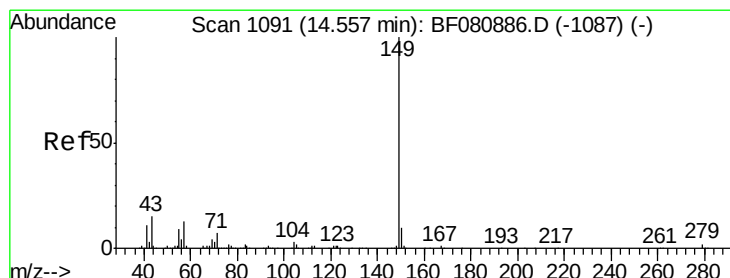
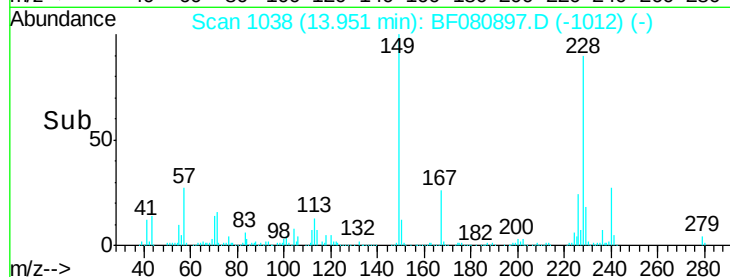
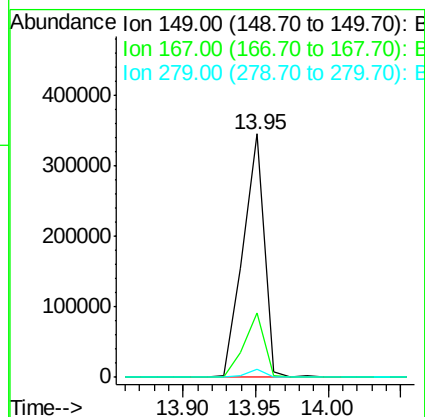
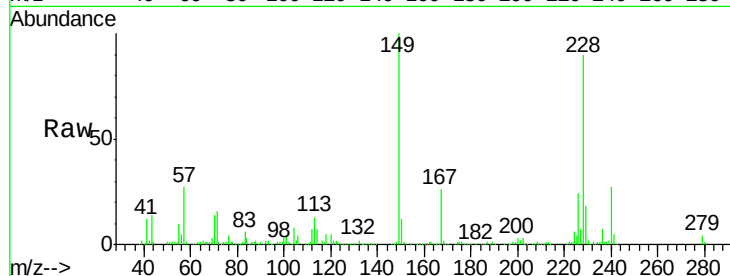
ClientSampleId :

PB84873BS

Tot Ion:	149	Resp:	351502
Ion Ratio		Lower	Upper
149	100		
167	26.3	20.6	31.0
279	3.5	2.4	3.6

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#84

Di-n-octyl phthalate

Concen: 40.56 ng

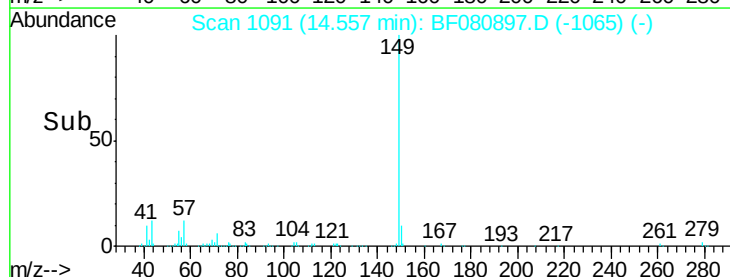
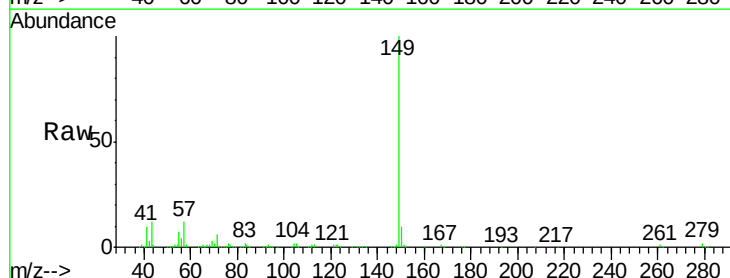
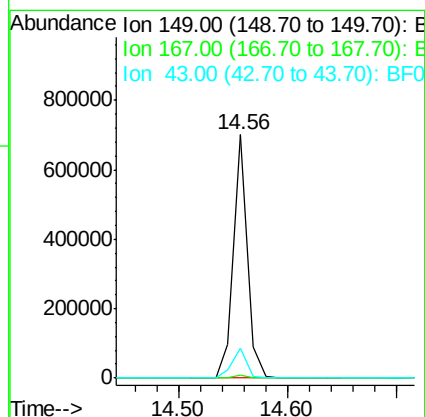
RT: 14.56 min Scan# 1091

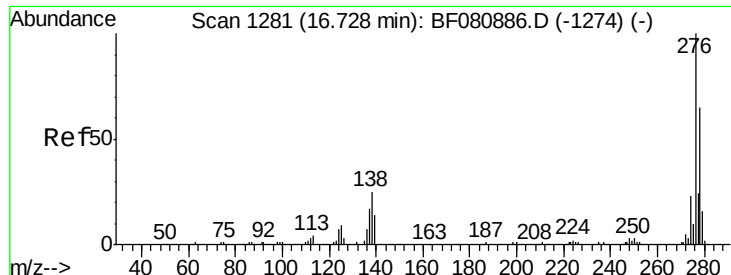
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	149	Resp:	614285
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.4	11.5	17.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.89 ng

RT: 16.73 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

ClientSampleId :

PB84873BS

Tot Ion:276 Resp: 438474

Ion Ratio Lower Upper

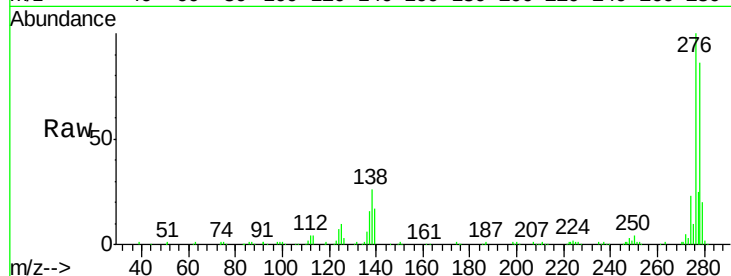
276 100

138 25.5 20.7 31.1

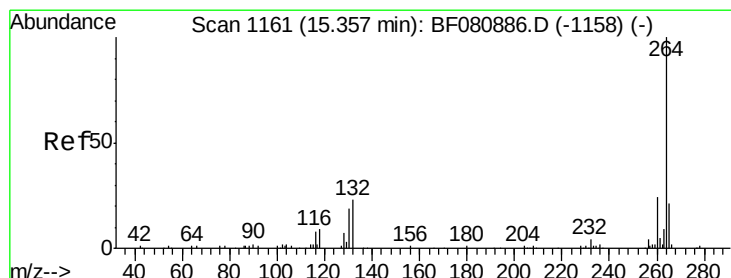
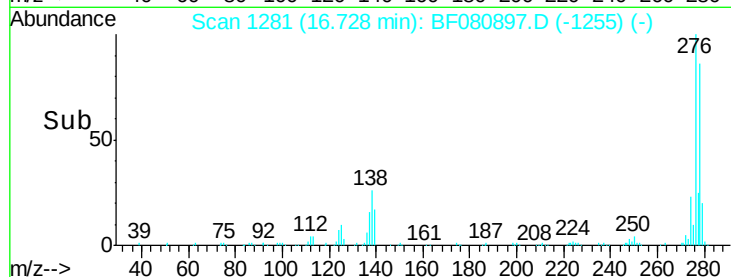
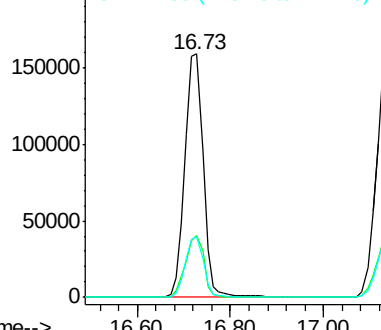
277 24.5 19.4 29.0

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

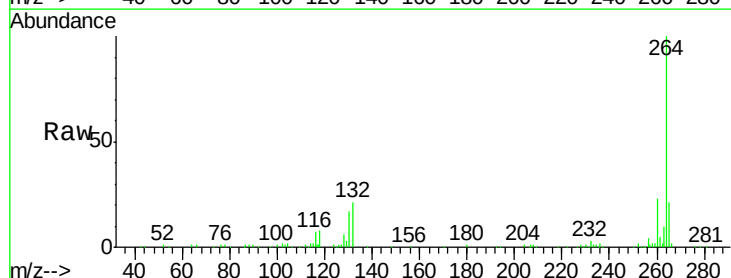
Tgt Ion:264 Resp: 183116

Ion Ratio Lower Upper

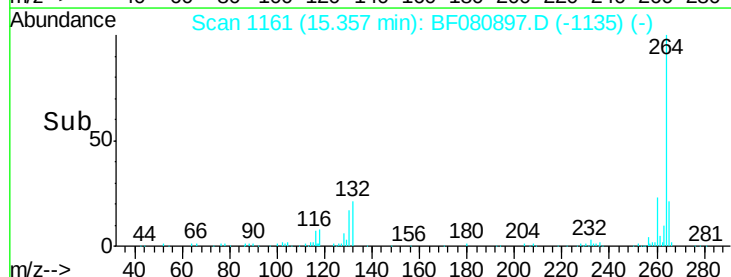
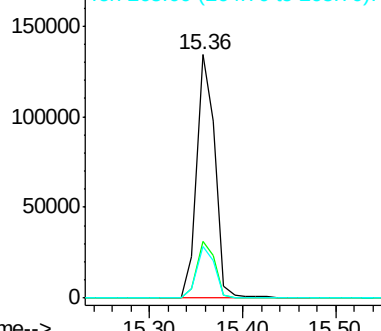
264 100

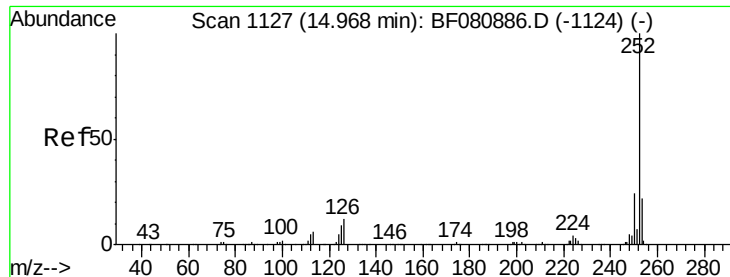
260 23.1 19.0 28.4

265 21.0 17.0 25.6



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.24 ng m

RT: 14.97 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Instrument :

BNA_F

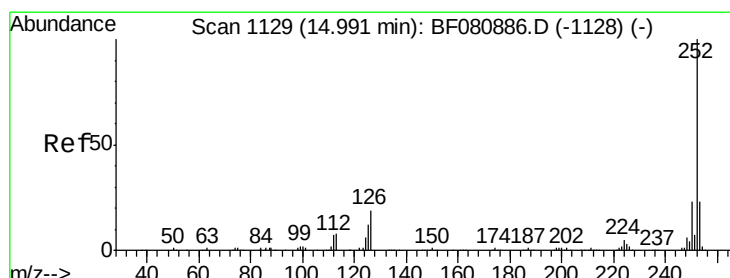
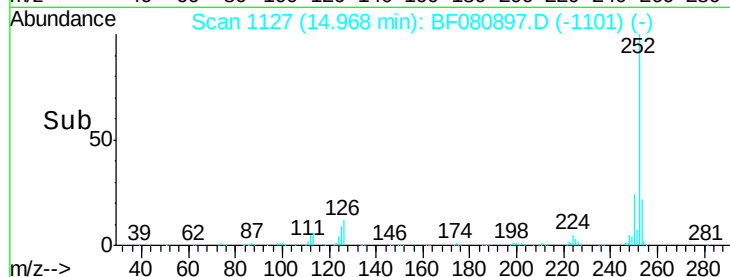
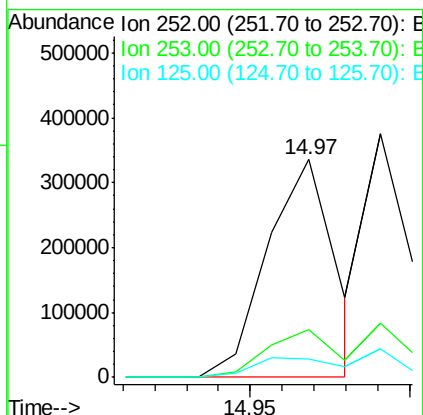
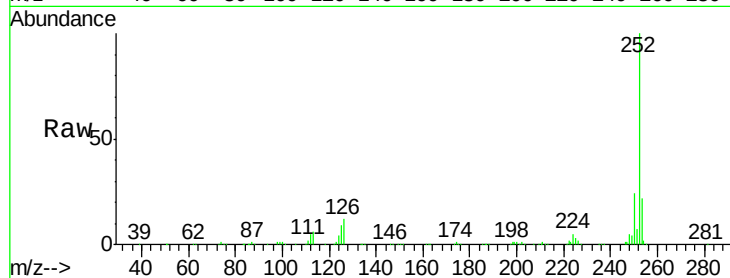
ClientSampleId :

PB84873BS

Tot Ion:	252	Resp:	491743
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	8.7	7.0	10.4

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#88

Benzo(k)fluoranthene

Concen: 34.03 ng m

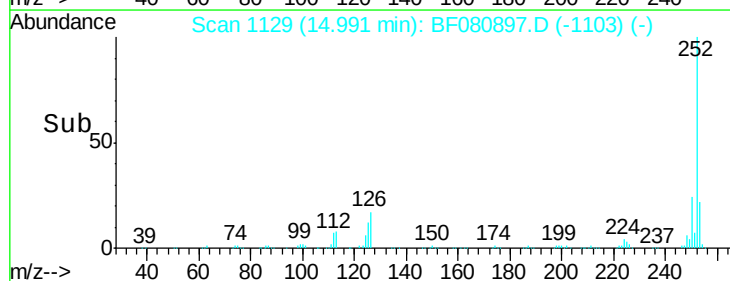
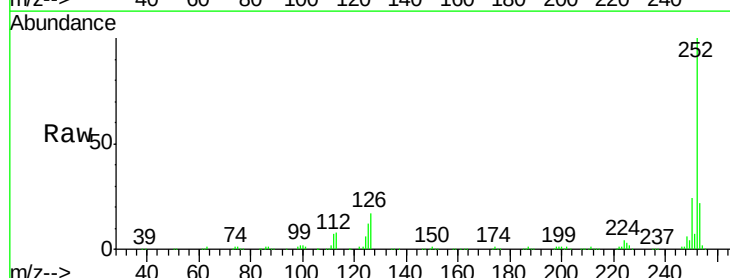
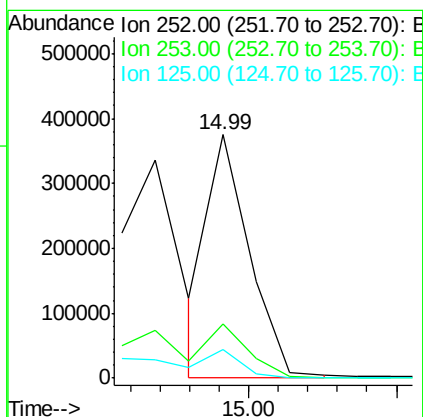
RT: 14.99 min Scan# 1129

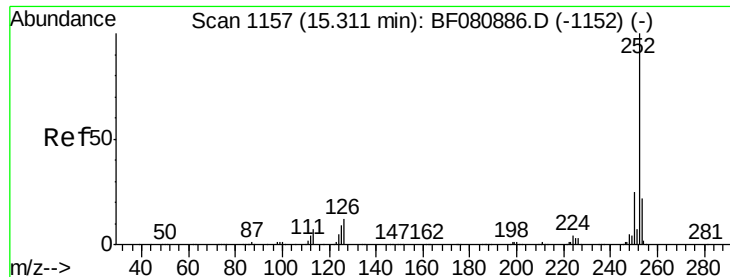
Delta R.T. -0.00 min

Lab File: BF080897.D

Acq: 6 Aug 2015 19:30

Tgt Ion:	252	Resp:	368694
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	11.8	9.8	14.8





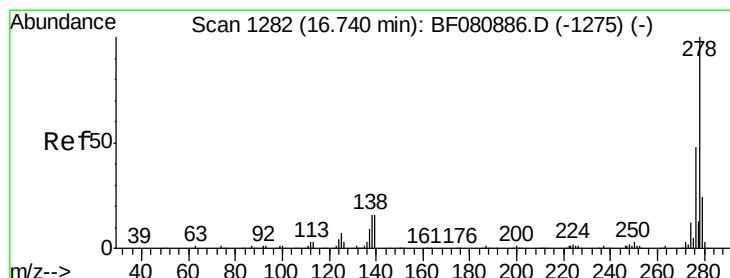
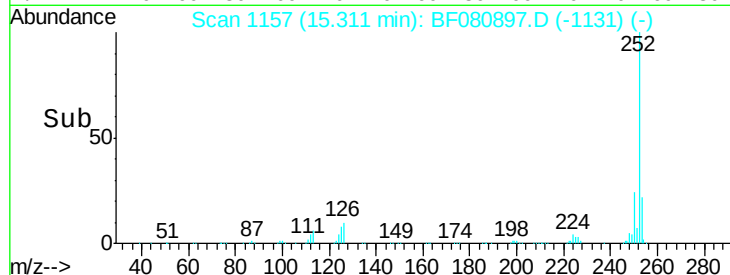
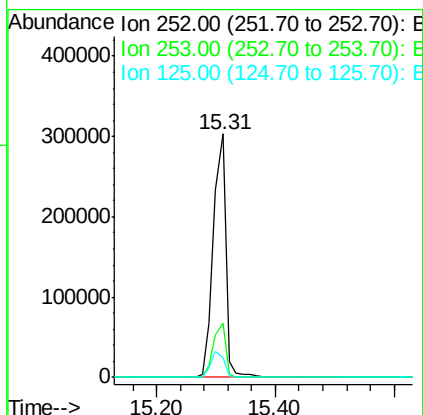
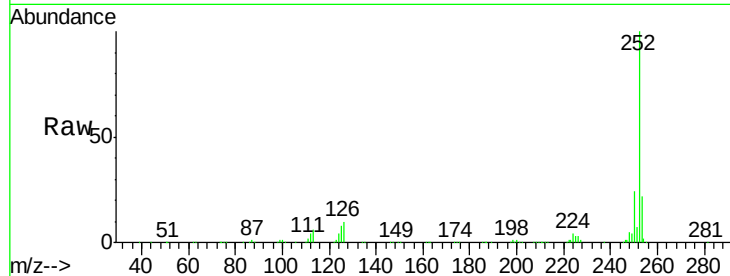
#89
Benzo(a)pyrene
Concen: 40.05 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Instrument :
BNA_F
ClientSampleId :
PB84873BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	443911		
253	22.0		17.6	26.4
125	8.0		7.5	11.3

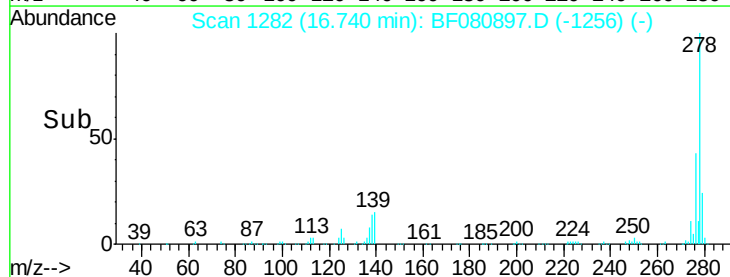
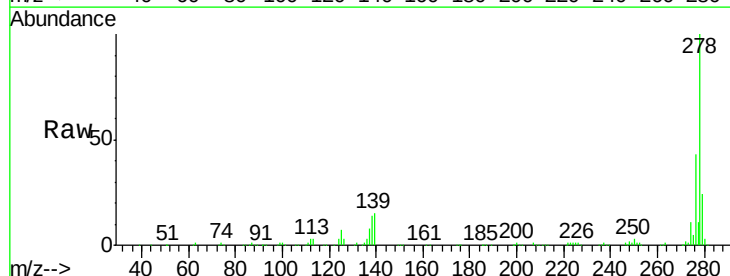
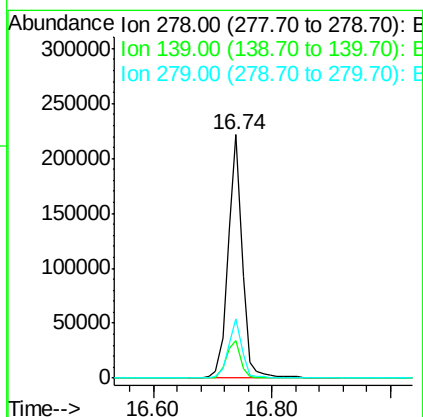
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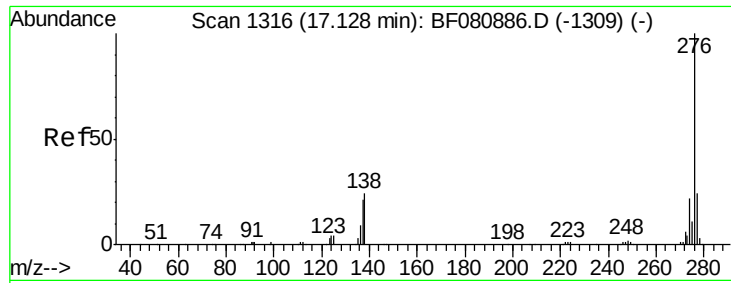
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#90
Dibenzo(a,h)anthracene
Concen: 38.16 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BF080897.D
Acq: 6 Aug 2015 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	364532		
139	15.5		13.2	19.8
279	24.2		19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 39.03 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: BF080897.D
 Acq: 6 Aug 2015 19:30

Instrument :
 BNA_F
 ClientSampleId :
 PB84873BS

Tot Ion:	276	Resp:	361447
Ion Ratio		Lower	Upper
276	100		
277	23.3	19.3	28.9
138	24.3	19.1	28.7

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 8/10/2015 10:15:19 AM

