

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
 Data File : BF081047.D
 Acq On : 18 Aug 2015 17:36
 Operator : UM/IZ
 Sample : PB85031BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Manual Integrations
 APPROVED

MMDadoda
 8/19/2015 2:17:55 PM

Quant Time: Aug 19 01:17:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	53446	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	227081	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	107333	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	220114	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	185923	20.00	ng	-0.01
86) Perylene-d12	15.07	264	169156	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	410260	115.46	ng	0.00
7) Phenol-d6	6.26	99	561879	121.19	ng	0.00
23) Nitrobenzene-d5	7.18	82	329848	66.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	113740	122.25	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	552901	67.50	ng	-0.02
78) Terphenyl-d14	12.70	244	634385	73.15	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	50895	30.40	ng	# 93
3) Pyridine	2.71	79	163048	34.50	ng	83
4) n-Nitrosodimethylamine	2.66	42	93813	35.65	ng	# 78
6) Aniline	6.26	93	187276	27.78	ng	# 52
8) 2-Chlorophenol	6.39	128	149206	38.36	ng	95
9) Benzaldehyde	6.15	77	92194	30.85	ng	91
10) Phenol	6.27	94	249756	45.61	ng	82
11) bis(2-Chloroethyl)ether	6.35	93	167188	39.79	ng	93
12) 1,3-Dichlorobenzene	6.55	146	159425	38.15	ng	97
13) 1,4-Dichlorobenzene	6.63	146	160332	38.74	ng	98
14) 1,2-Dichlorobenzene	6.78	146	142808	36.87	ng	98
15) Benzyl Alcohol	6.76	79	159961	42.64	ng	93
16) 2,2'-oxybis(1-Chloropropan	6.90	45	311986	37.79	ng	98
17) 2-Methylphenol	6.88	107	126882	38.02	ng	97
18) Hexachloroethane	7.12	117	61404	36.72	ng	97
19) n-Nitroso-di-n-propylamine	7.04	70	127967	39.85	ng	91
20) 3+4-Methylphenols	7.04	107	167425	39.53	ng	# 50
22) Acetophenone	7.03	105	223078	37.42	ng	91
24) Nitrobenzene	7.20	77	200279	38.53	ng	99
25) Isophorone	7.44	82	331185	35.73	ng	98
26) 2-Nitrophenol	7.52	139	85019	39.33	ng	# 64
27) 2,4-Dimethylphenol	7.56	122	142882	37.37	ng	95
28) bis(2-Chloroethoxy)methane	7.66	93	196511	35.88	ng	99
29) 2,4-Dichlorophenol	7.76	162	129322	40.17	ng	91
30) 1,2,4-Trichlorobenzene	7.84	180	125754	35.15	ng	98
31) Naphthalene	7.92	128	478205	37.78	ng	99
32) Benzoic acid	7.70	122	105522	49.06	ng	94
33) 4-Chloroaniline	7.98	127	95606	17.90	ng	# 83
34) Hexachlorobutadiene	8.04	225	74860	37.00	ng	97
35) Caprolactam	8.34	113	51666m	45.92	ng	
36) 4-Chloro-3-methylphenol	8.47	107	171030	44.58	ng	92
37) 2-Methylnaphthalene	8.60	142	293854	36.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	128058	36.98	ng	98
40) Hexachlorocyclopentadiene	8.76	237	149471	83.39	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	95161	38.90	nq	96
43) 2,4,5-Trichlorophenol	8.92	196	89859	36.75	nq	# 85
45) 1,1'-Biphenyl	9.07	154	393108	41.58	nq	97
46) 2-Chloronaphthalene	9.10	162	270455	35.61	nq	97
47) 2-Nitroaniline	9.19	65	105545	33.96	nq	99
48) Acenaphthylene	9.50	152	457445	33.67	nq	98
49) Dimethylphthalate	9.38	163	340918	38.57	nq	100
50) 2,6-Dinitrotoluene	9.44	165	79428	41.85	nq	89
51) Acenaphthene	9.68	154	285915	35.15	nq	99
52) 3-Nitroaniline	9.60	138	56954	23.98	nq	98
53) 2,4-Dinitrophenol	9.71	184	102736	93.31	nq	# 66
54) Dibenzofuran	9.85	168	431307	39.57	nq	98
55) 4-Nitrophenol	9.78	139	153708	92.15	nq	# 61
56) 2,4-Dinitrotoluene	9.84	165	102242	40.65	nq	# 80
57) Fluorene	10.18	166	288827	34.45	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.96	232	77613m	41.01	nq	
59) Diethylphthalate	10.08	149	382285	40.86	nq	97
60) 4-Chlorophenyl-phenylether	10.18	204	140437	39.58	nq	99
61) 4-Nitroaniline	10.22	138	92748	38.21	nq	93
62) Azobenzene	10.34	77	446740	41.44	nq	97
64) 4,6-Dinitro-2-methylphenol	10.24	198	54344	41.34	nq	93
65) n-Nitrosodiphenylamine	10.31	169	319897	40.71	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	85942	39.74	nq	98
67) Hexachlorobenzene	10.73	284	91529	41.80	nq	96
68) Atrazine	10.83	200	93795	42.85	nq	97
69) Pentachlorophenol	10.92	266	110481	84.08	nq	100
70) Phenanthrene	11.14	178	483816	37.09	nq	99
71) Anthracene	11.19	178	503809	39.69	nq	99
72) Carbazole	11.35	167	539406	44.13	nq	99
73) Di-n-butylphthalate	11.69	149	635704	42.99	nq	98
74) Fluoranthene	12.31	202	568218	40.37	nq	93
76) Benzidine	12.45	184	319721	45.52	nq	99
77) Pyrene	12.54	202	525829	34.79	nq	99
79) Butylbenzylphthalate	13.18	149	304138	46.81	nq	# 79
80) Benzo(a)anthracene	13.73	228	511322	41.01	nq	99
81) 3,3'-Dichlorobenzidine	13.69	252	98966	24.50	nq	99
82) Chrysene	13.76	228	461054	41.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.74	149	396808	47.68	nq	# 97
84) Di-n-octyl phthalate	14.34	149	704516	55.70	nq	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	392490	49.75	nq	# 94
87) Benzo(b)fluoranthene	14.72	252	489993m	40.95	nq	
88) Benzo(k)fluoranthene	14.74	252	351080m	31.49	nq	
89) Benzo(a)pyrene	15.03	252	422083	40.49	nq	97
90) Dibenzo(a,h)anthracene	16.32	278	327811	40.35	nq	97
91) Benzo(g,h,i)perylene	16.66	276	313302	38.01	nq	# 88

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

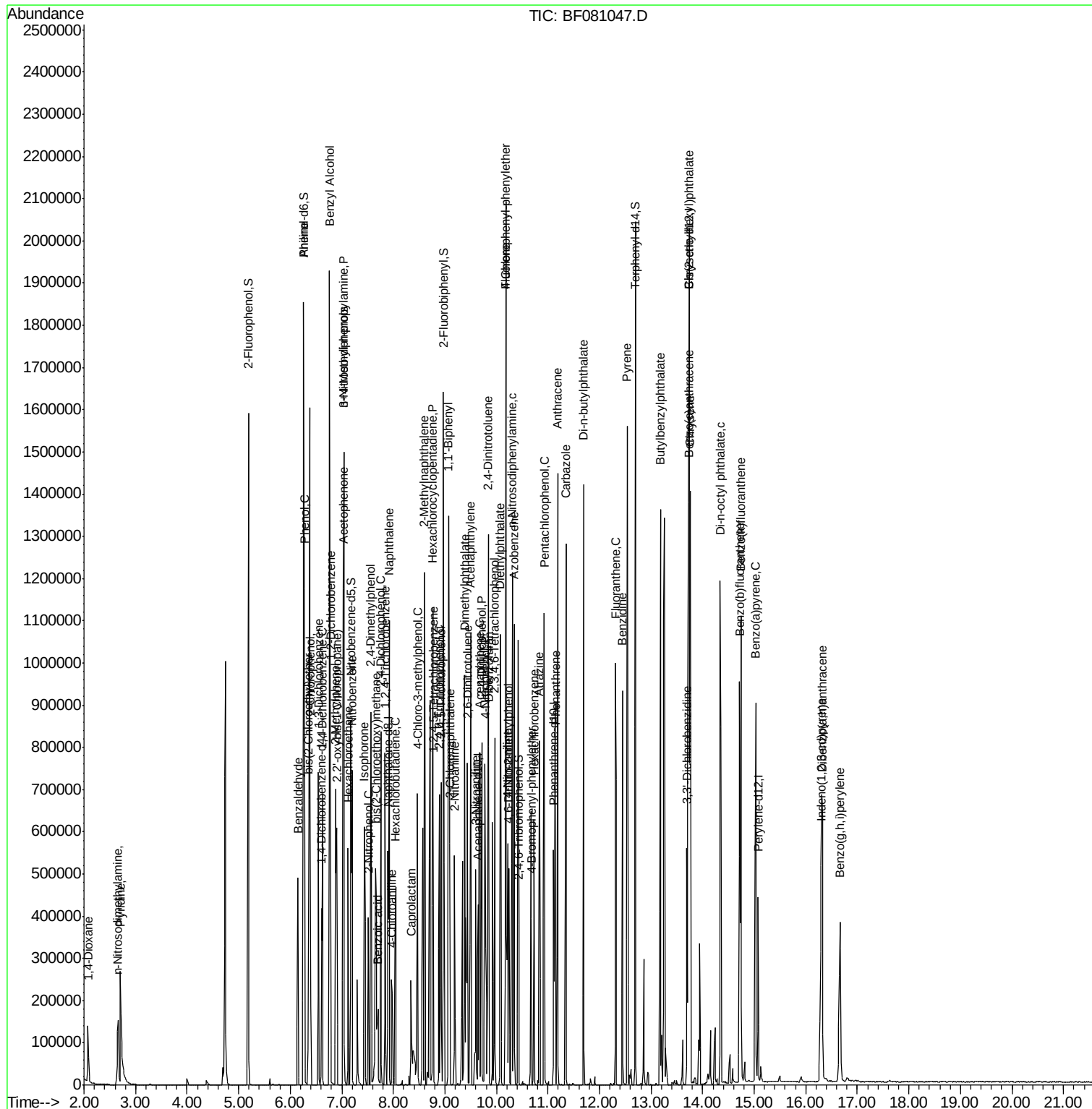
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081815\
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ALS Vial : 6 Sample Multiplier: 1

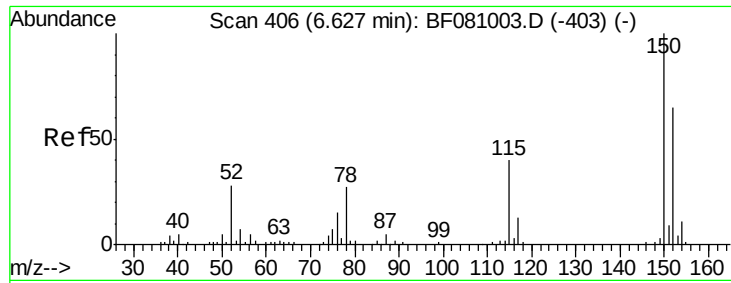
Instrument :
BNA_F
ClientSampleId :
PB85031BS

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#1

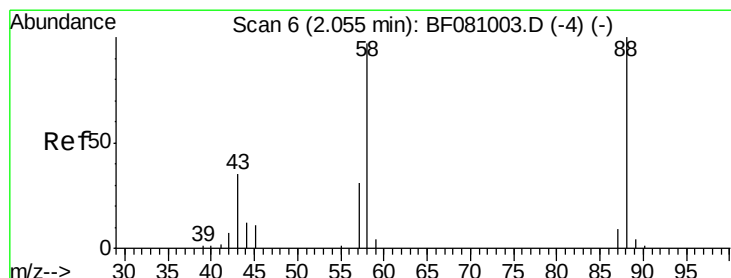
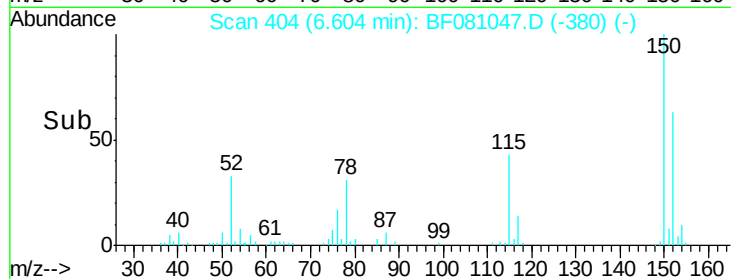
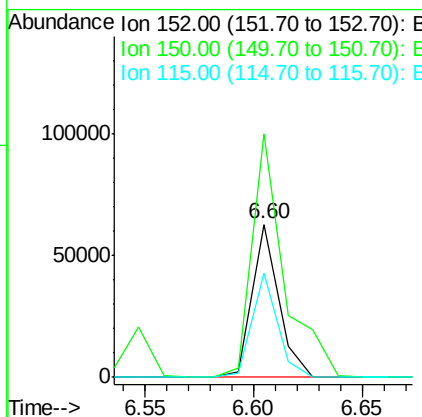
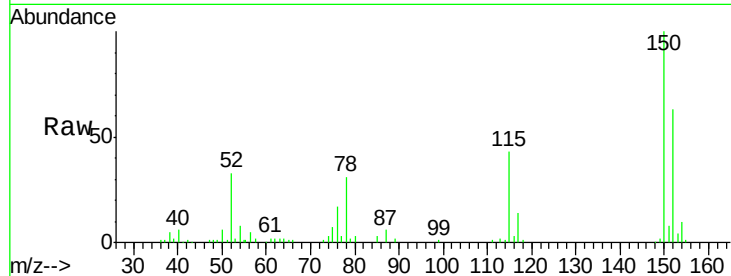
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	68.3	52.1	78.1

Manual Integrations
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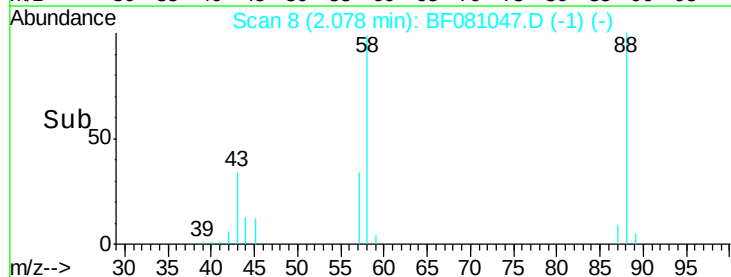
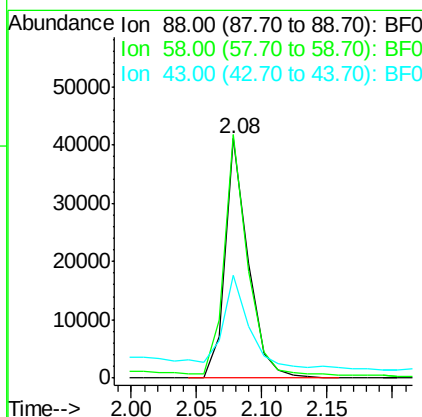
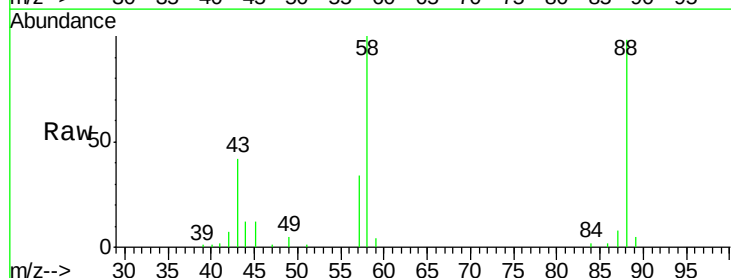
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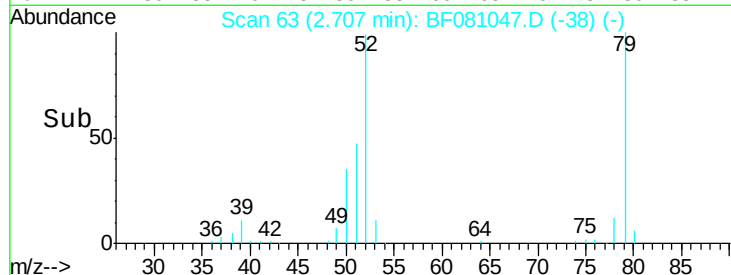
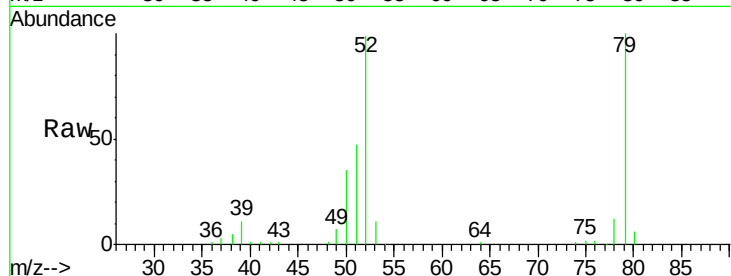
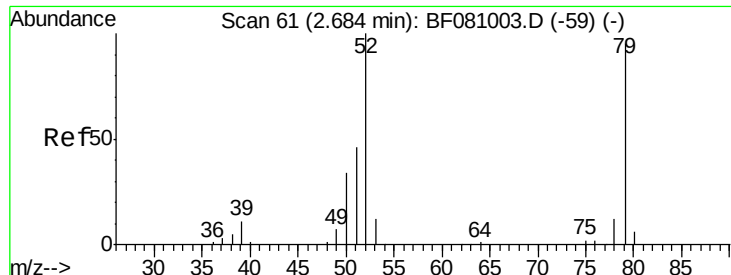


#2

1,4-Dioxane
Concen: 30.40 ng
RT: 2.08 min Scan# 8
Delta R.T. 0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.3	83.7	125.5
43	57.8	37.5	56.3





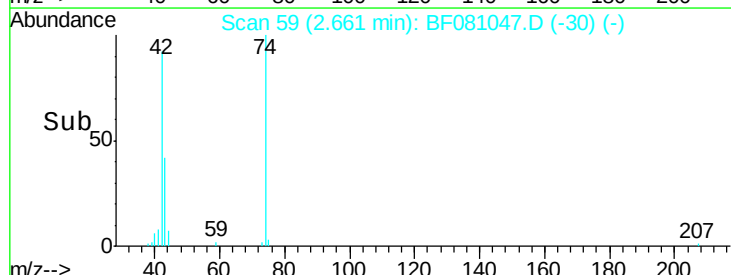
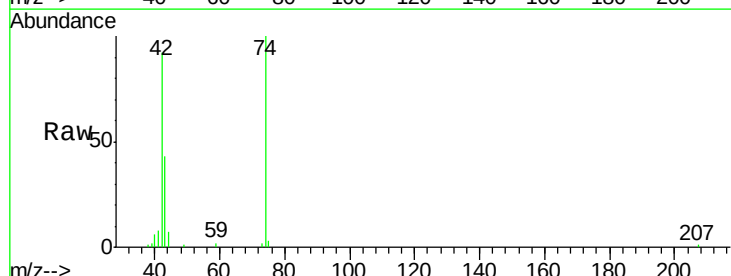
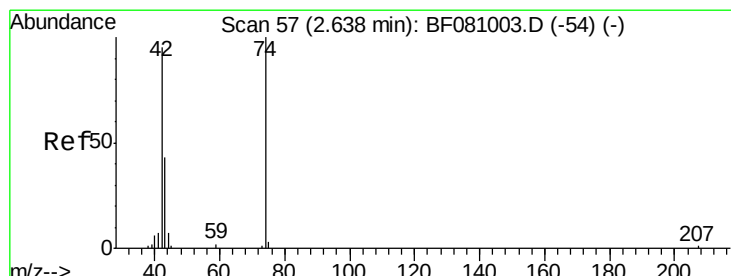
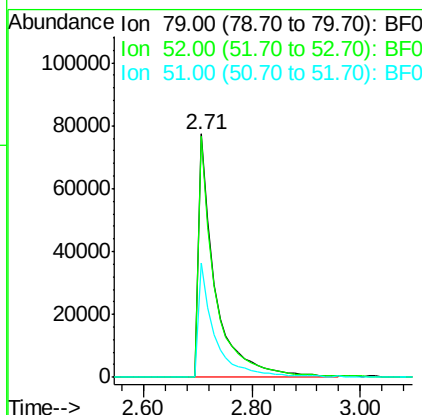
#3
Pvridine
Concen: 34.50 ng
RT: 2.71 min Scan# 63
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	99.2	95.1	142.7
51	47.1	46.6	70.0

Instrument :
BNA_F
ClientSampleId :
PB85031BS

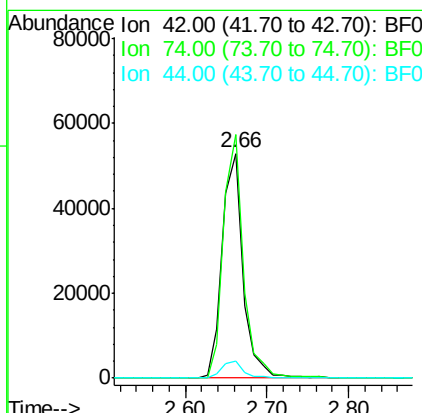
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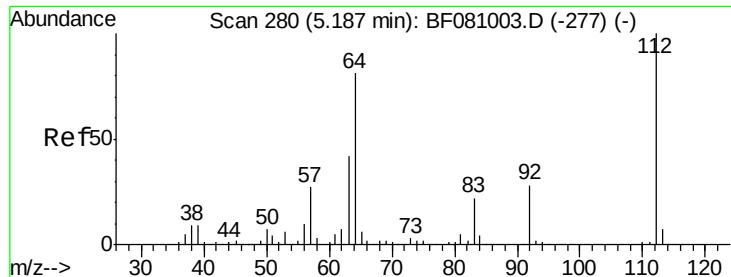
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#4
n-Nitrosodimethylamine
Concen: 35.65 ng
RT: 2.66 min Scan# 59
Delta R.T. 0.03 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.2	69.3	103.9#
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 115.46 ng

RT: 5.19 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

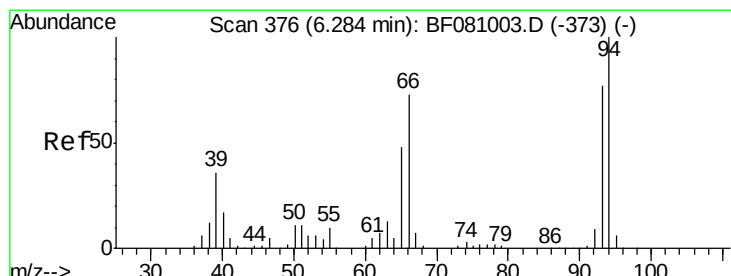
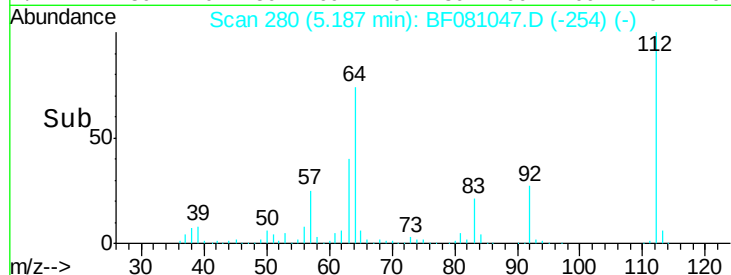
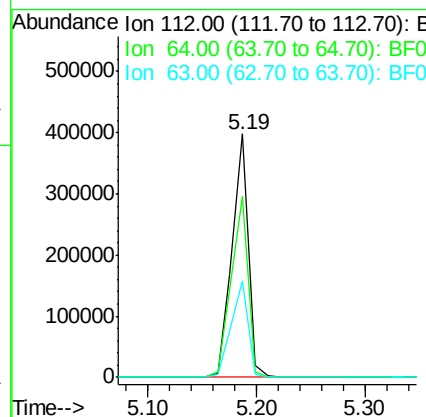
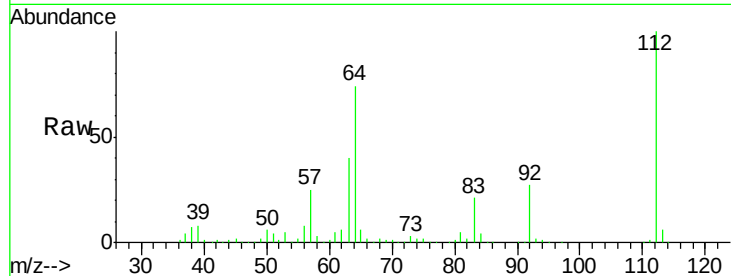
ClientSampleId :

PB85031BS

Tot Ion:	112	Resp:	410260
Ion Ratio	Lower	Upper	
112	100		
64	74.3	66.9	100.3
63	39.5	38.1	57.1

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#6

Aniline

Concen: 27.78 ng

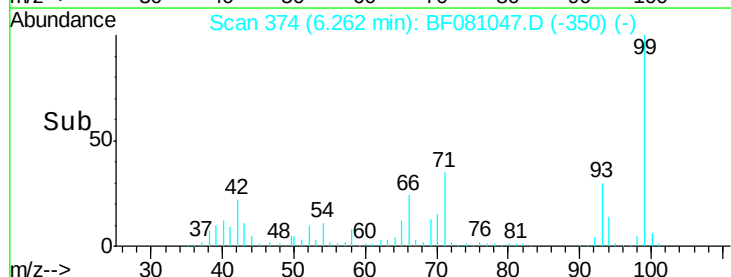
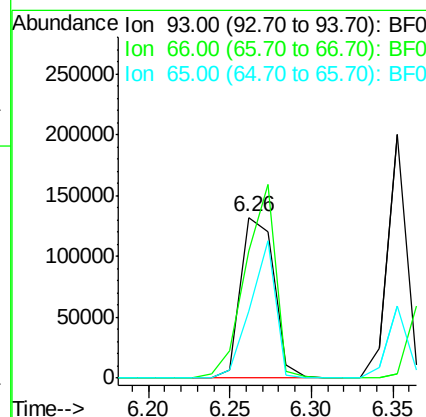
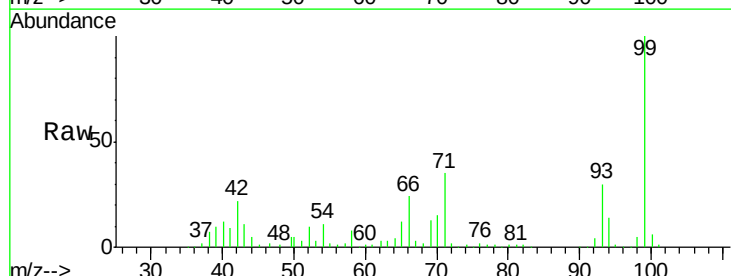
RT: 6.26 min Scan# 374

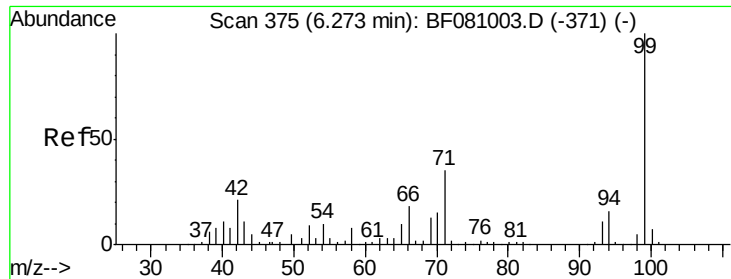
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	93	Resp:	187276
Ion Ratio	Lower	Upper	
93	100		
66	79.3	35.6	53.4#
65	41.5	18.7	28.1#





#7

Phenol-d6

Concen: 121.19 ng

RT: 6.26 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

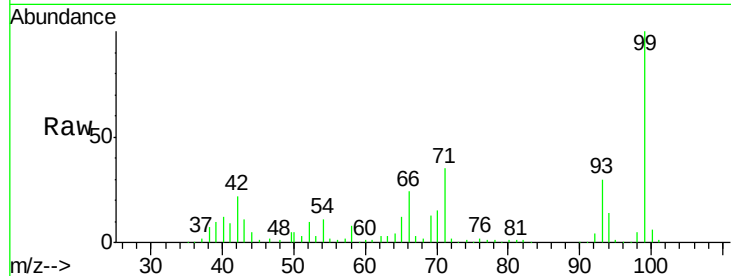
ClientSampleId :

PB85031BS

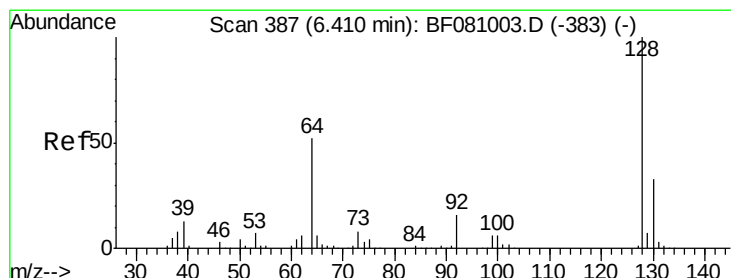
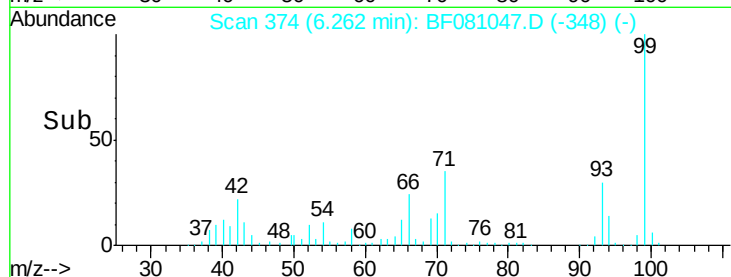
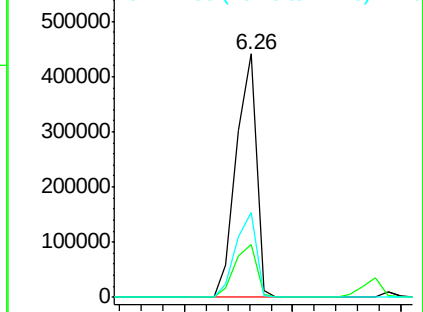
Tot Ion:	99	Resp:	561879
Ion Ratio	Lower	Upper	
99	100		
42	21.8	19.6	29.4
71	34.8	31.2	46.8

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.36 ng

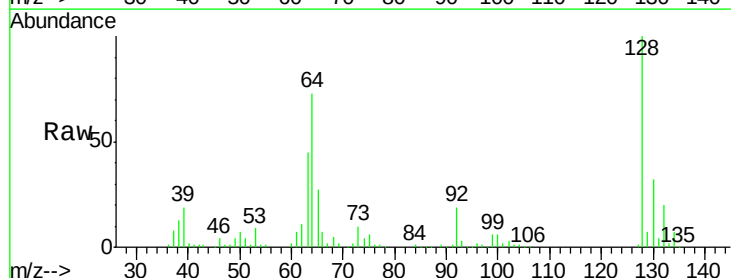
RT: 6.39 min Scan# 385

Delta R.T. -0.01 min

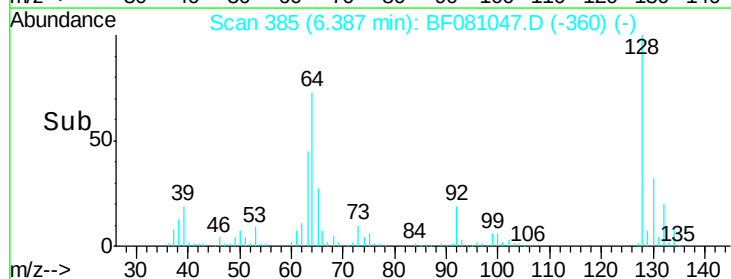
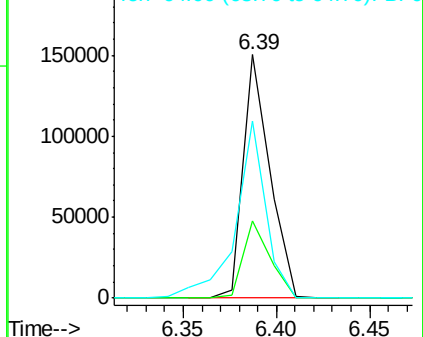
Lab File: BF081047.D

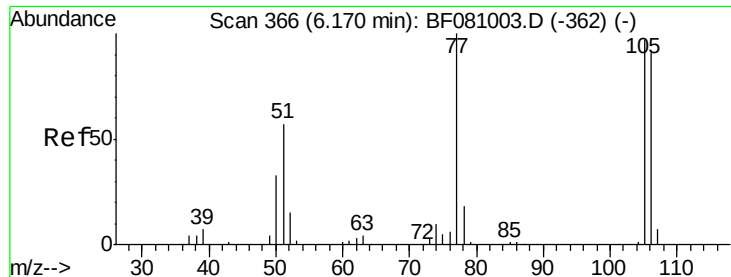
Acq: 18 Aug 2015 17:36

Tgt Ion:	128	Resp:	149206
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.5	52.5
64	72.7	46.8	86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 30.85 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

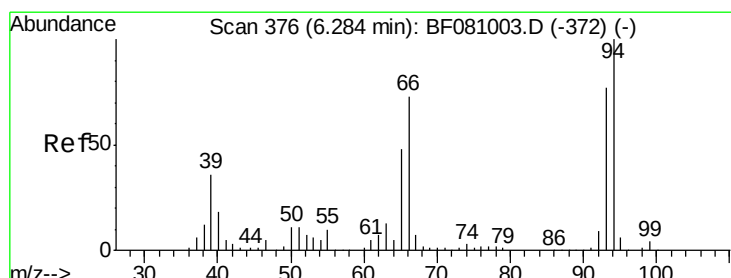
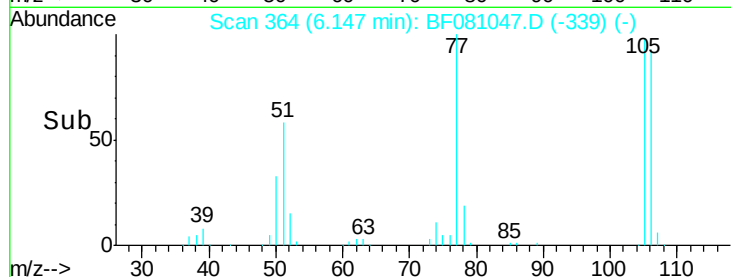
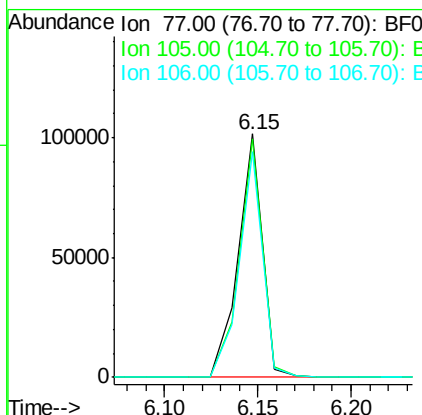
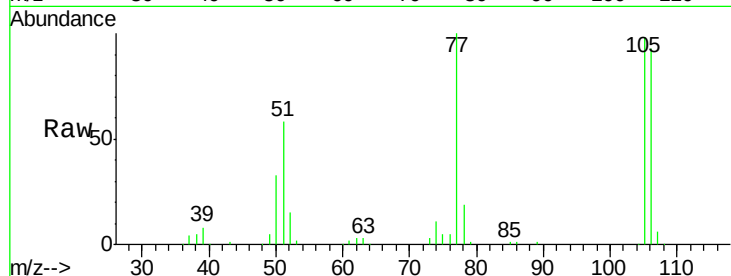
ClientSampleId :

PB85031BS

Tot Ion:	77	Resp:	92194
Ion	Ratio	Lower	Upper
77	100		
105	98.1	69.6	109.6
106	92.5	64.0	104.0

Manual Integrations
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#10

Phenol

Concen: 45.61 ng

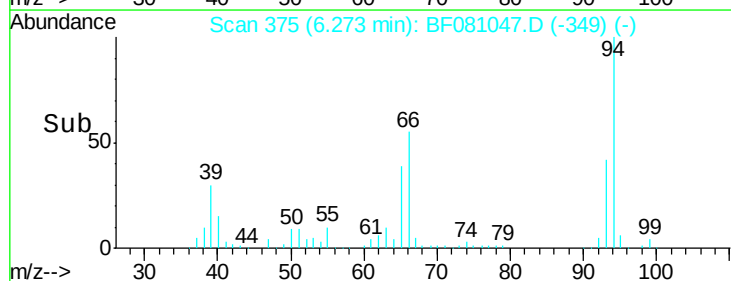
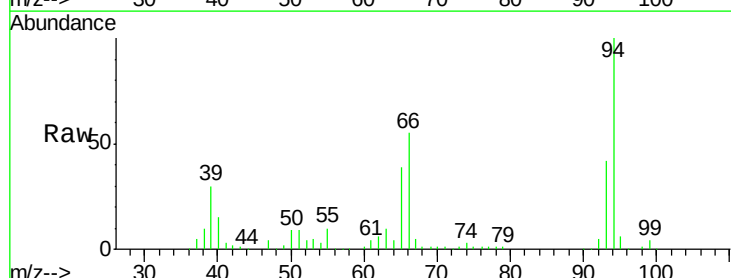
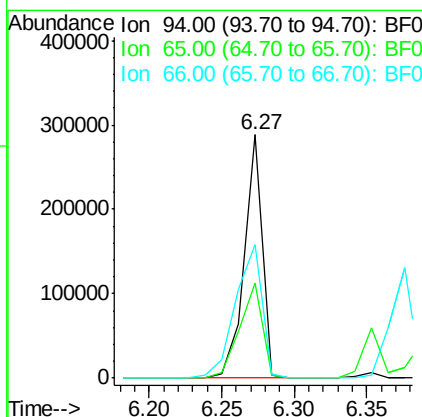
RT: 6.27 min Scan# 375

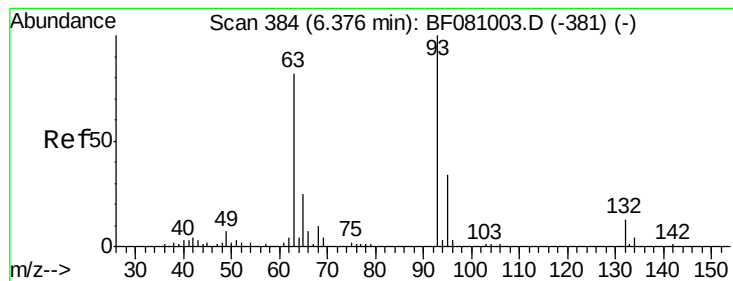
Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	94	Resp:	249756
Ion	Ratio	Lower	Upper
94	100		
65	39.1	28.4	68.4
66	55.0	52.3	92.3





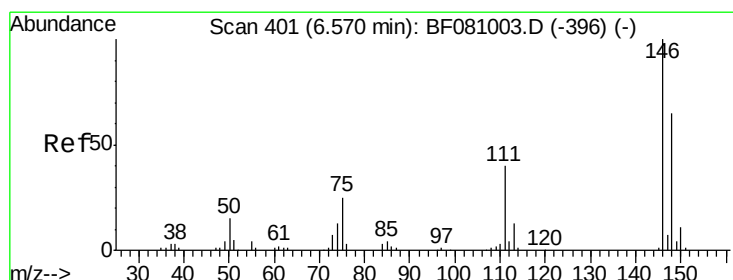
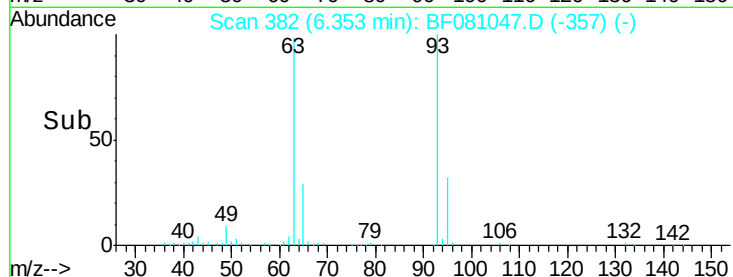
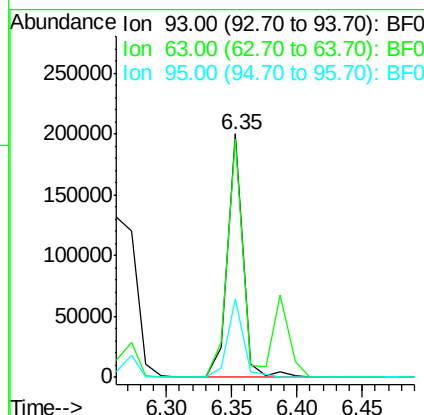
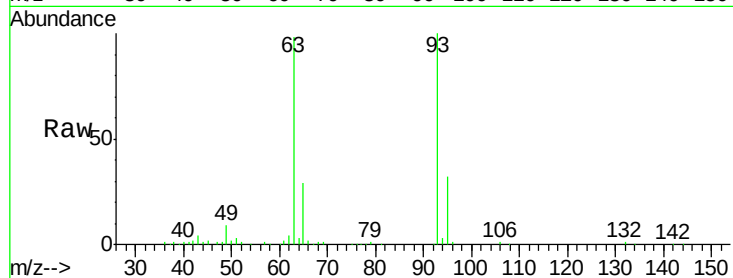
#11
bis(2-Chloroethyl)ether
Concen: 39.79 ng
RT: 6.35 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	167188		
63	98.1	69.6	109.6	
95	32.4	12.3	52.3	

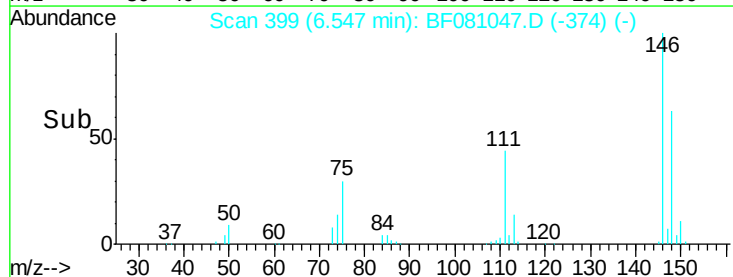
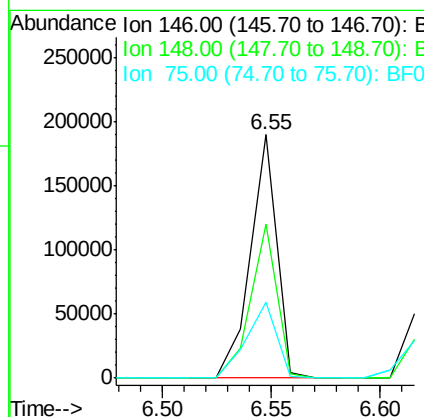
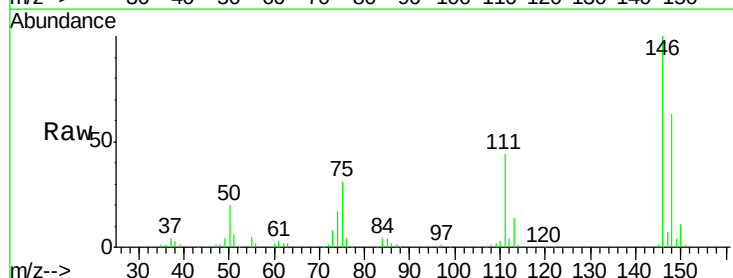
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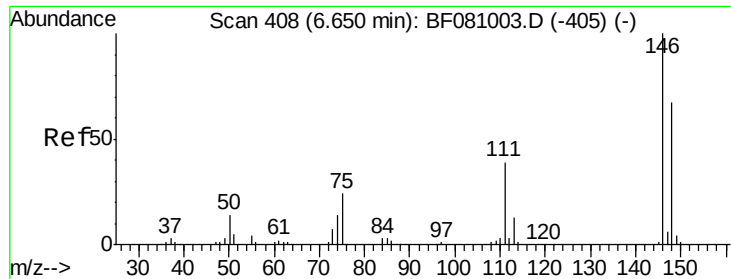
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 38.15 ng
RT: 6.55 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	159425		
148	63.3	53.3	79.9	
75	31.2	25.0	37.6	





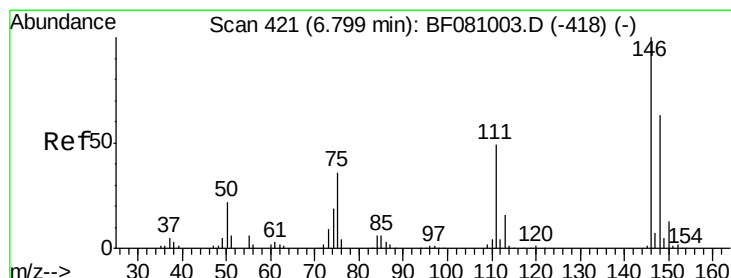
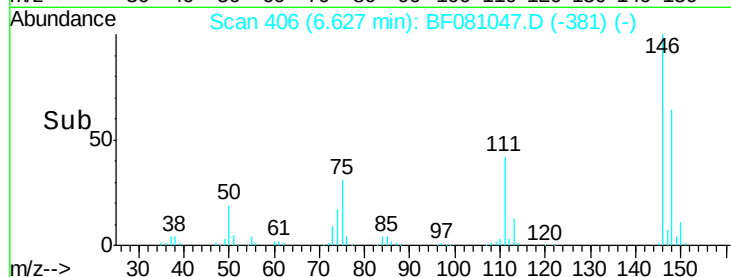
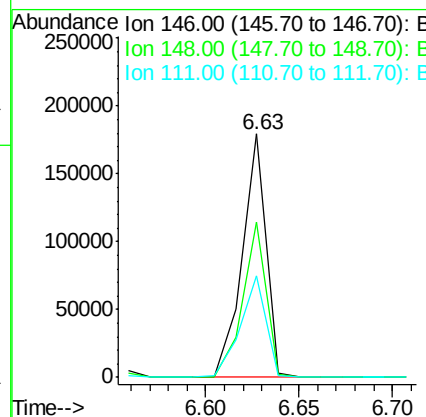
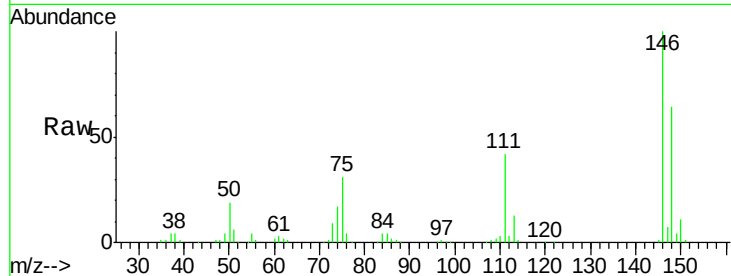
#13
 1,4-Dichlorobenzene
 Concen: 38.74 ng
 RT: 6.63 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	41.5	34.4	51.6

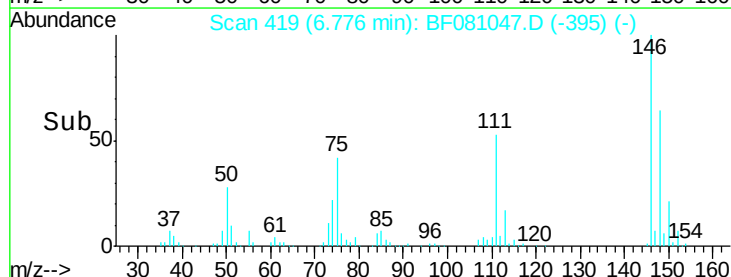
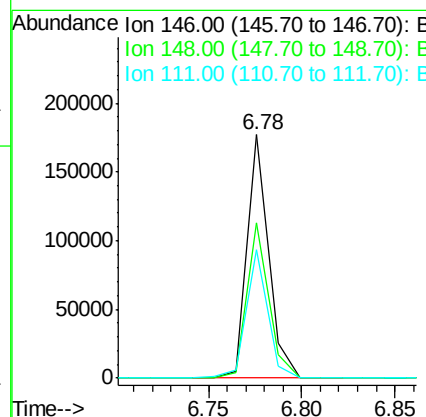
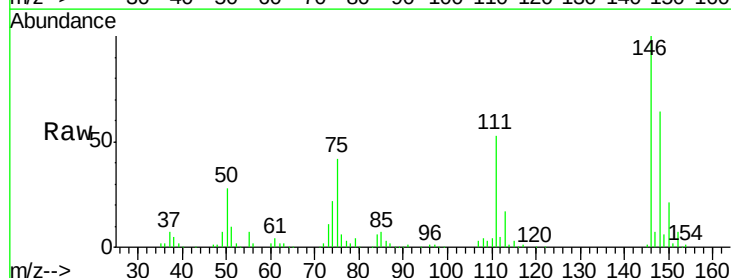
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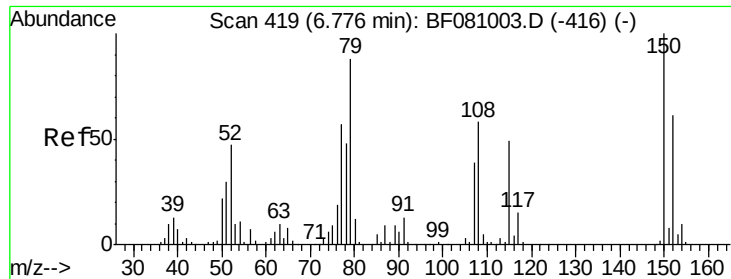
MMDadoda
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#14
 1,2-Dichlorobenzene
 Concen: 36.87 ng
 RT: 6.78 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	48.7	73.1
111	53.0	42.3	63.5





#15

Benzyl Alcohol

Concen: 42.64 ng

RT: 6.76 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

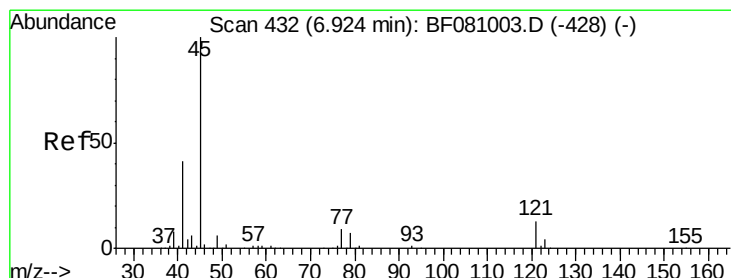
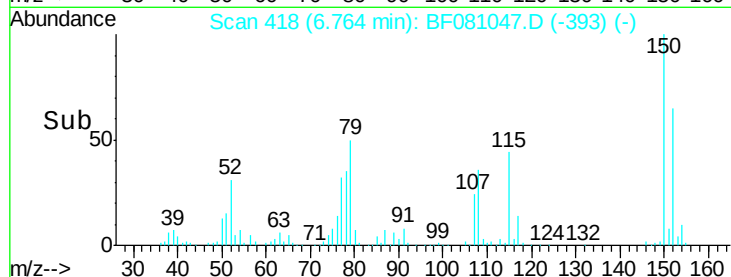
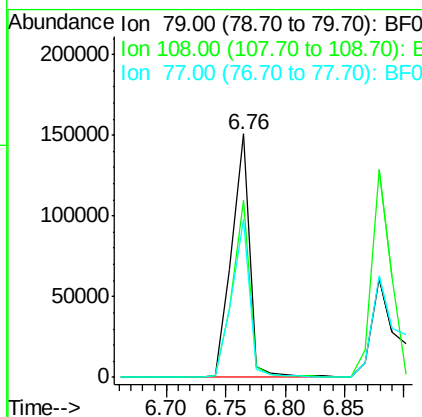
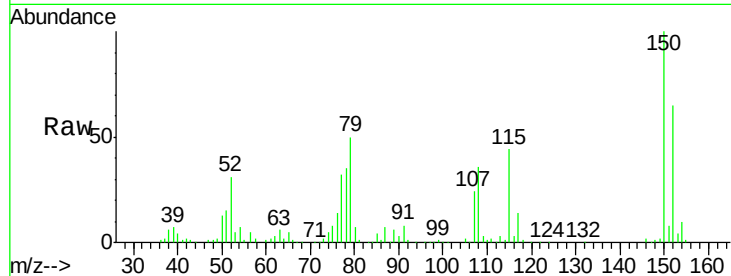
ClientSampleId :

PB85031BS

Tot Ion:	79	Resp:	159961
Ion Ratio	Lower	Upper	
79	100		
108	72.6	49.4	74.2
77	64.7	51.4	77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.79 ng

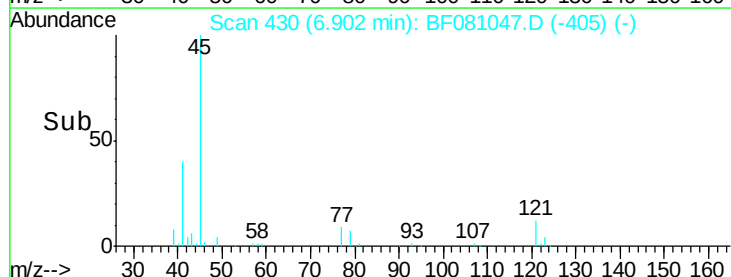
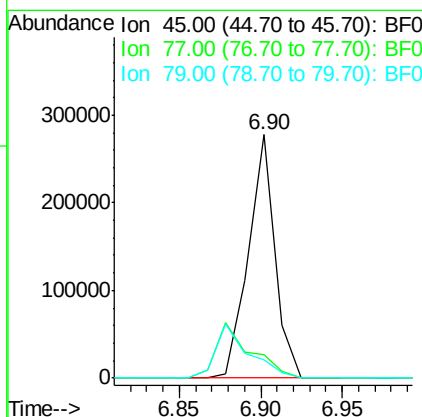
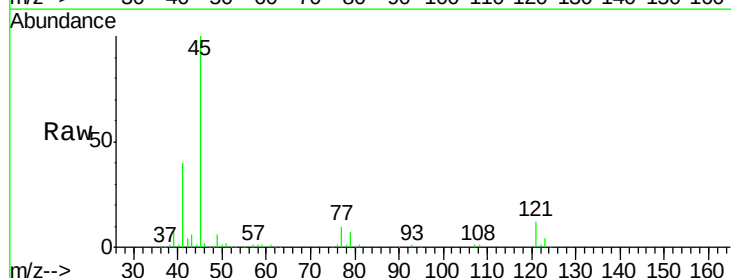
RT: 6.90 min Scan# 430

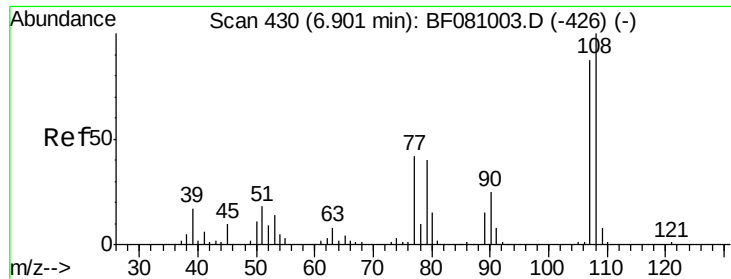
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	45	Resp:	311986
Ion Ratio	Lower	Upper	
45	100		
77	9.6	0.0	30.2
79	7.5	0.0	28.0





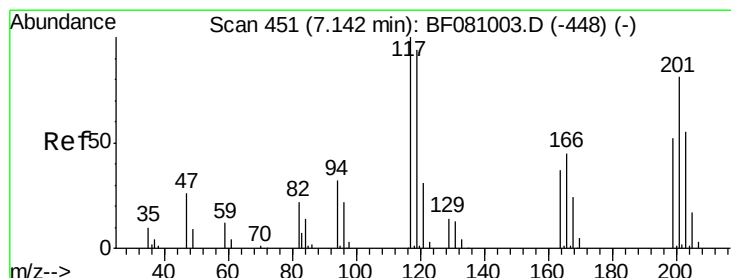
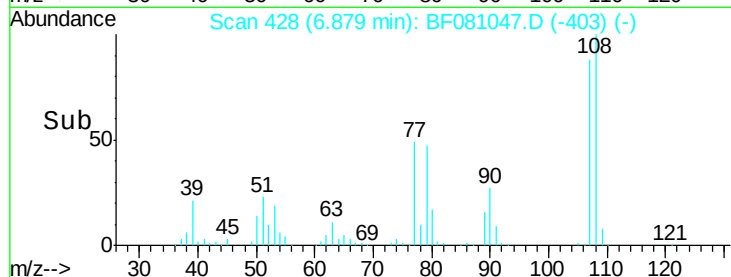
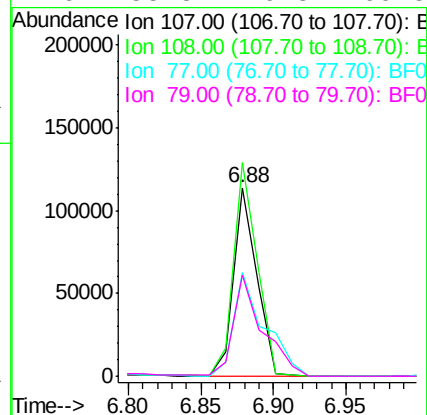
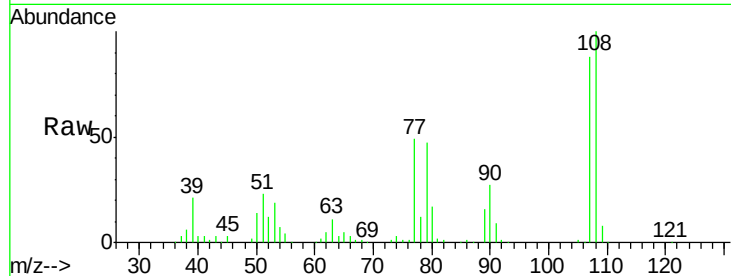
#17
2-Methylphenol
Concen: 38.02 ng
RT: 6.88 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	90.4	135.6	
77	55.1	46.5	69.7	
79	53.8	46.3	69.5	

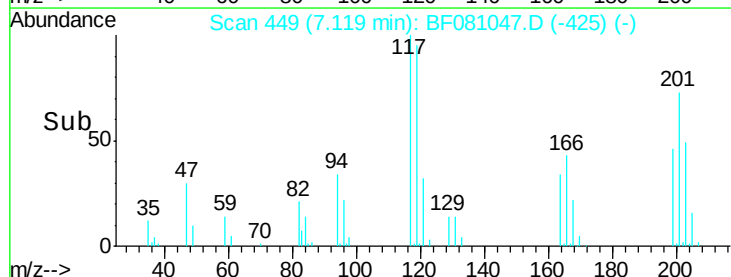
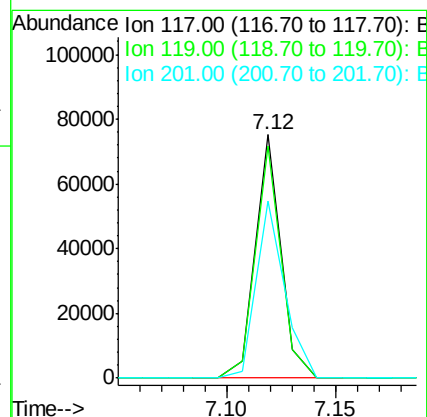
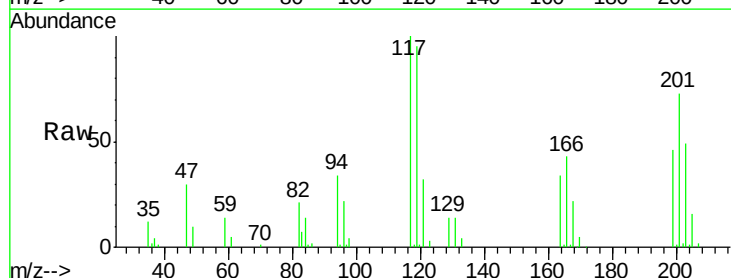
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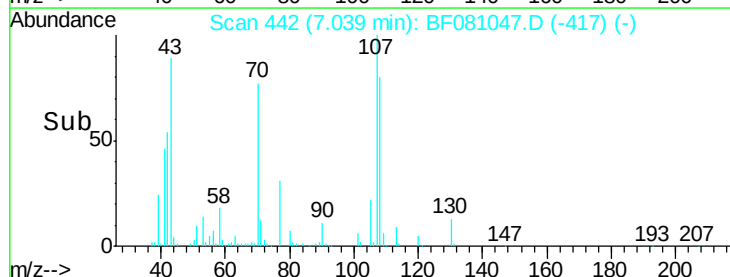
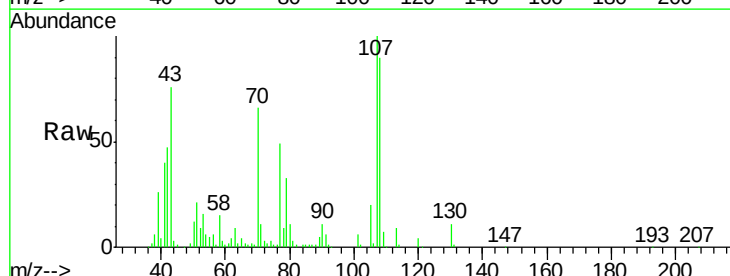
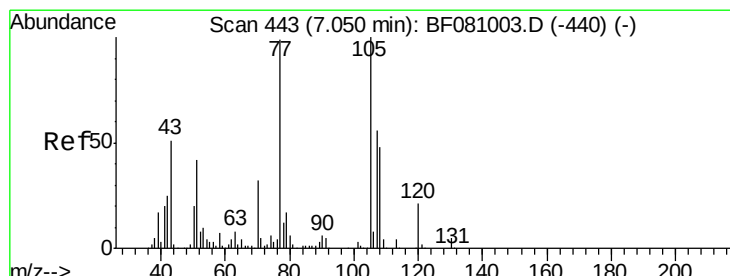
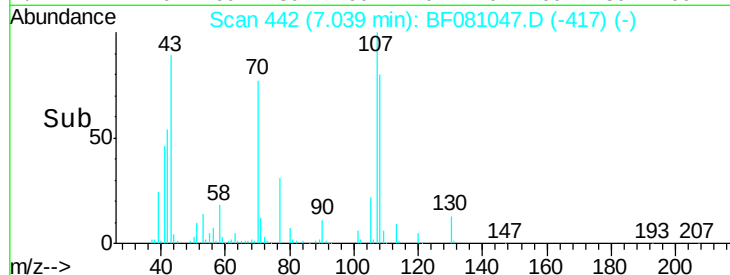
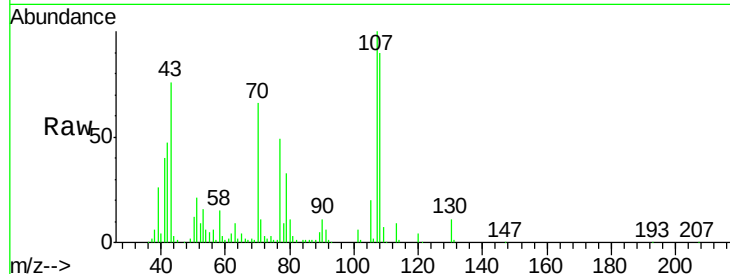
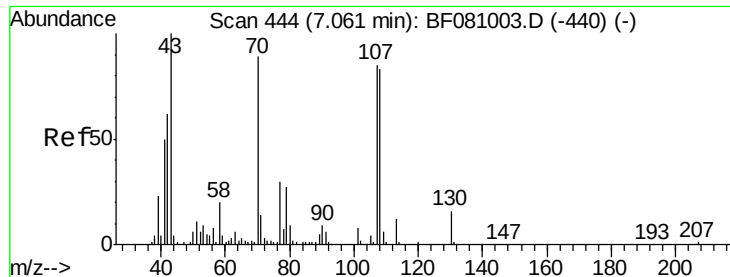
MMDadoda
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#18
Hexachloroethane
Concen: 36.72 ng
RT: 7.12 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.9	116.9	
201	72.7	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 39.85 ng

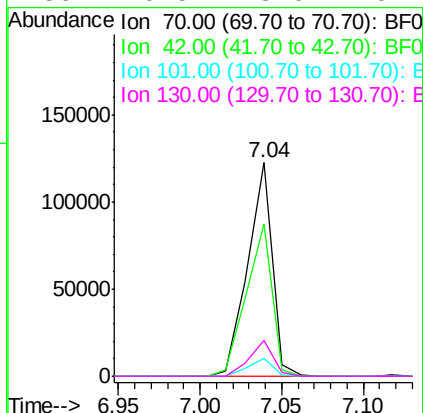
RT: 7.04 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	71.2	65.0	97.4	
101	8.4	7.4	11.2	
130	16.5	13.0	19.4	



Instrument :

BNA_F

ClientSampleId :

PB85031BS

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8/19/2015 2:17:55 PM

#20

3+4-Methylphenols

Concen: 39.53 ng

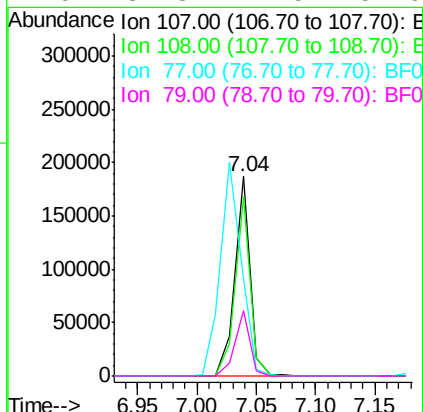
RT: 7.04 min Scan# 442

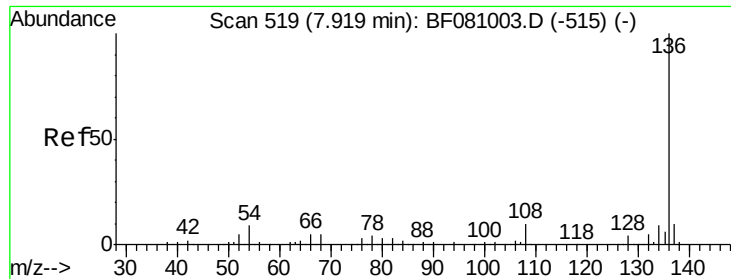
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.1	66.1	106.1	
77	48.9	139.3	179.3#	
79	32.8	11.9	51.9	





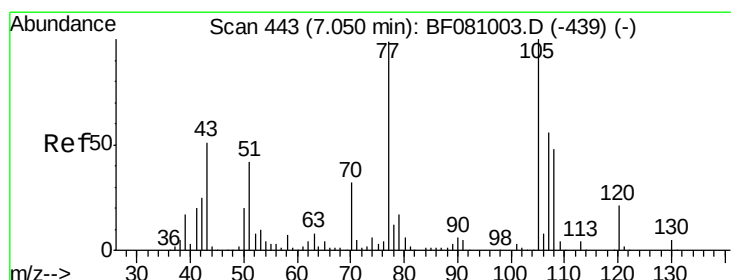
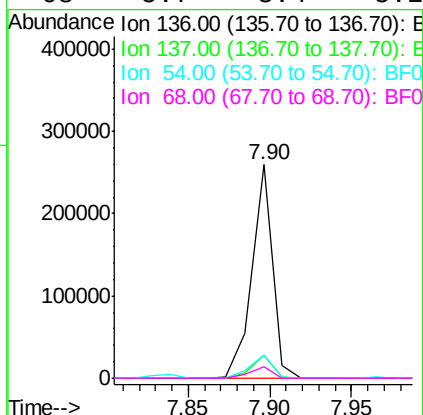
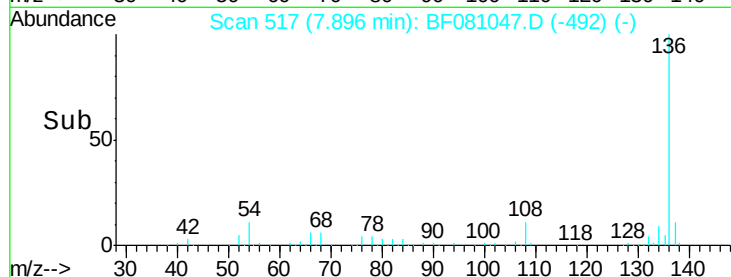
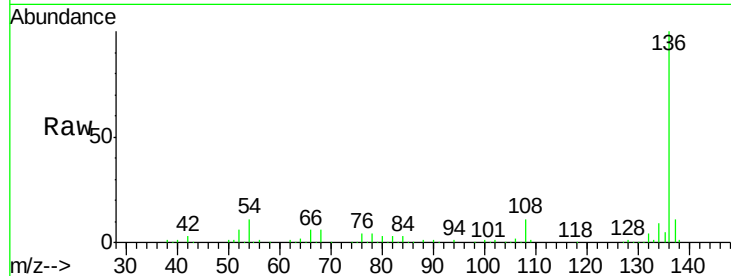
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.2	12.2	
54	11.0	7.7	11.5	
68	5.7	3.4	5.2	

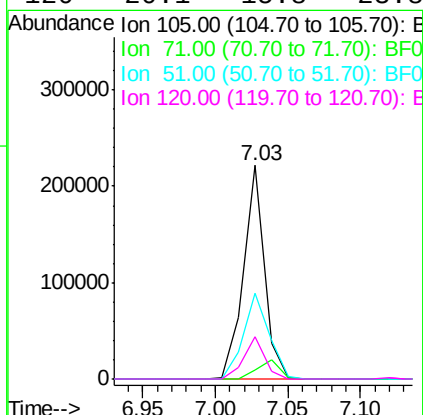
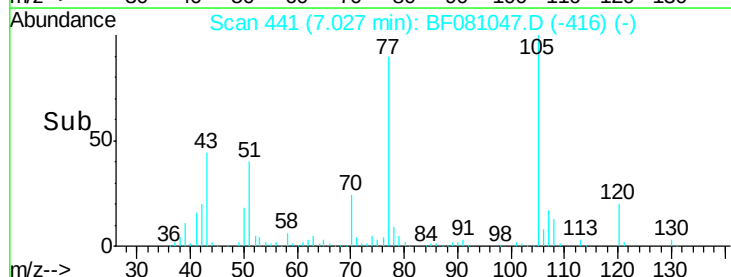
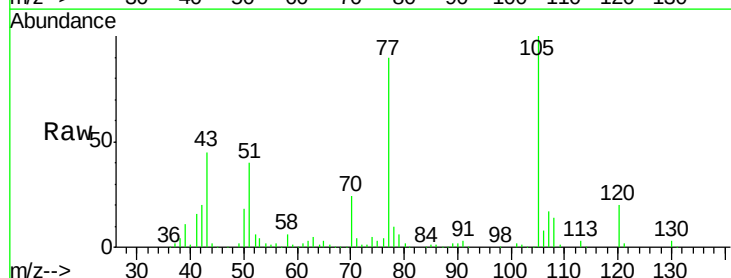
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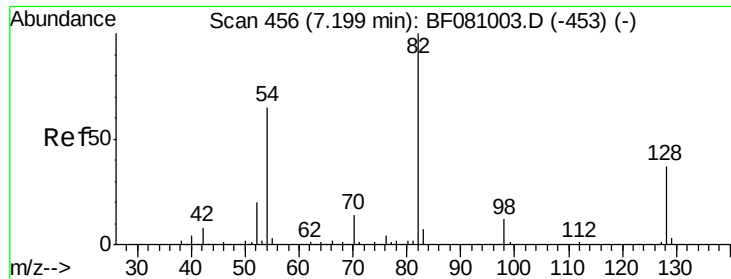
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#22
Acetophenone
Concen: 37.42 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.1	3.0	4.6	
51	40.4	39.8	59.8	
120	20.1	15.8	23.8	





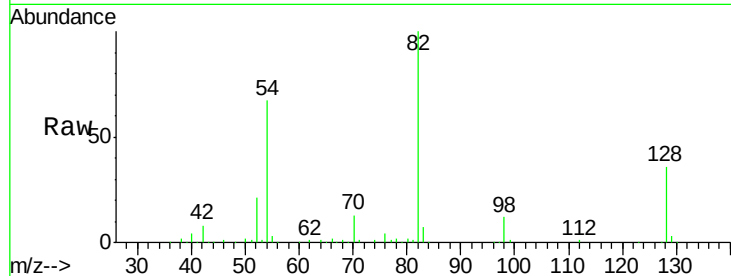
#23
 Nitrobenzene-d5
 Concen: 66.35 ng
 RT: 7.18 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

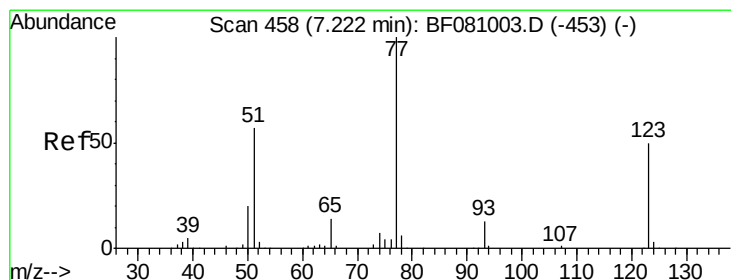
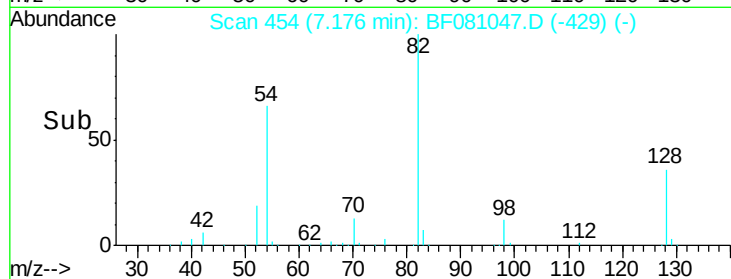
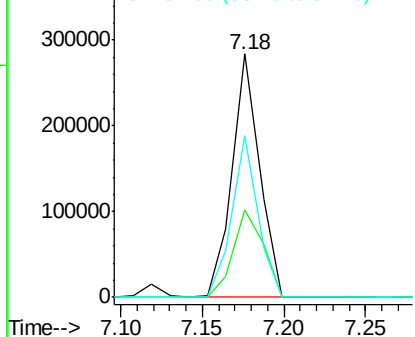
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.1	28.6	42.8	
54	66.5	55.1	82.7	

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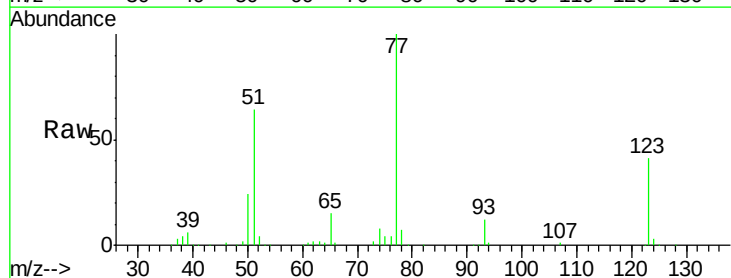


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

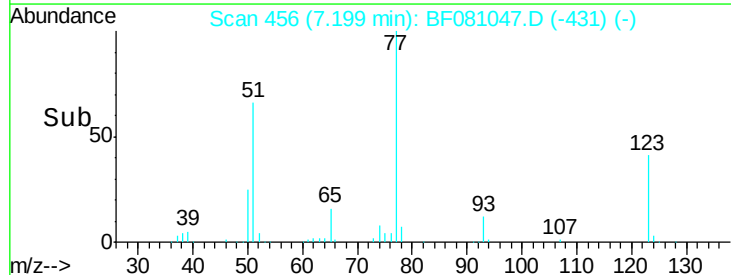
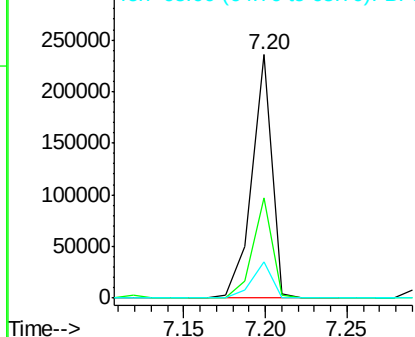


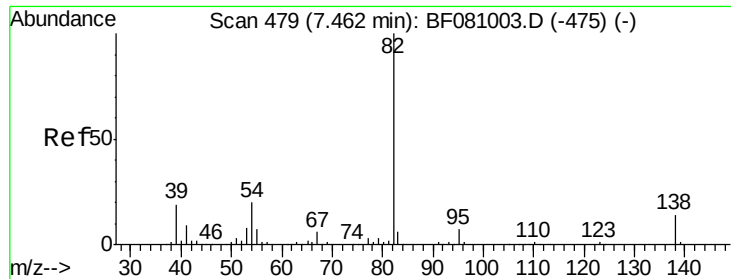
#24
 Nitrobenzene
 Concen: 38.53 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.3	32.9	49.3	
65	15.1	12.5	18.7	



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





#25

Isophorone

Concen: 35.73 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

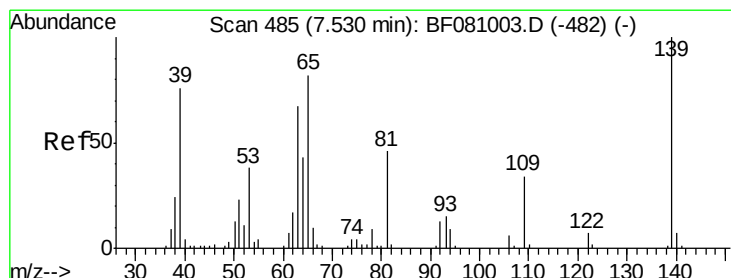
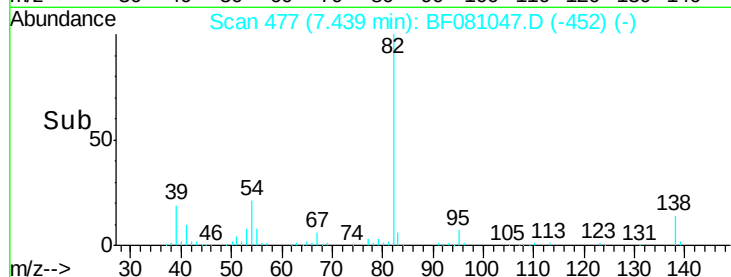
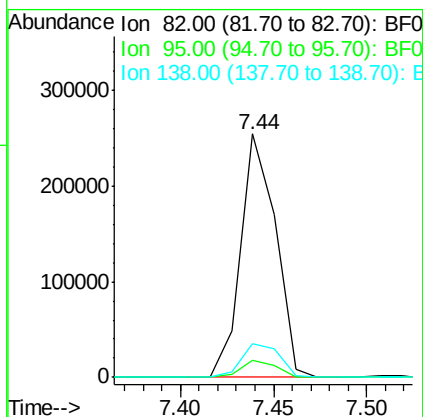
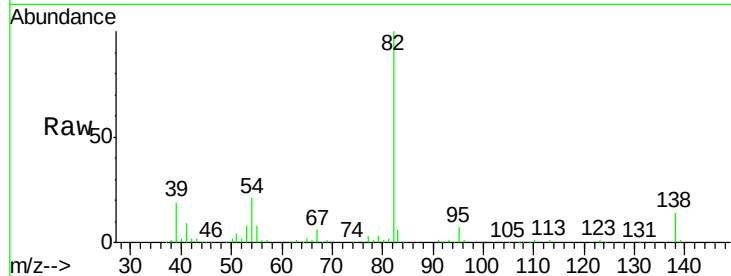
ClientSampleId :

PB85031BS

Tot Ion:	82	Resp:	331185
Ion Ratio	Lower	Upper	
82	100		
95	7.0	6.2	9.2
138	13.6	10.5	15.7

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#26

2-Nitrophenol

Concen: 39.33 ng

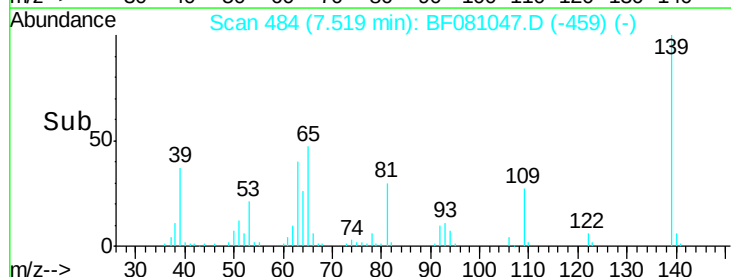
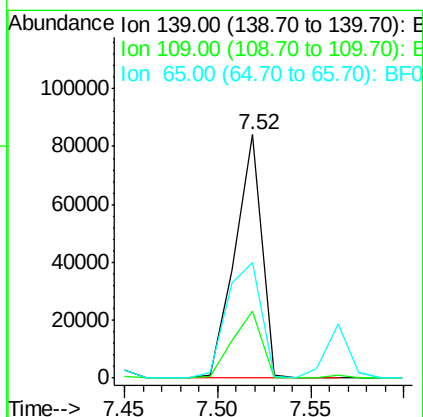
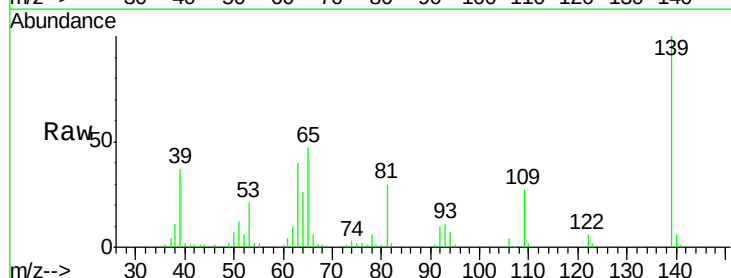
RT: 7.52 min Scan# 484

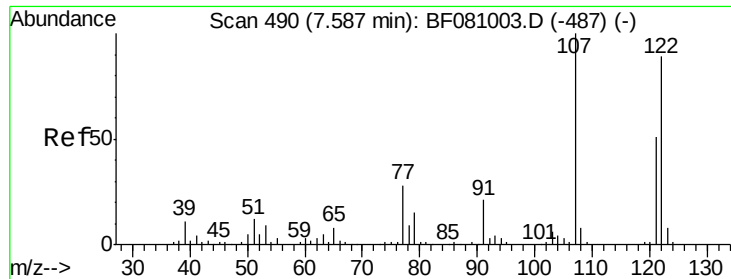
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	139	Resp:	85019
Ion Ratio	Lower	Upper	
139	100		
109	27.3	32.1	48.1#
65	47.5	69.9	104.9#





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 7.56 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

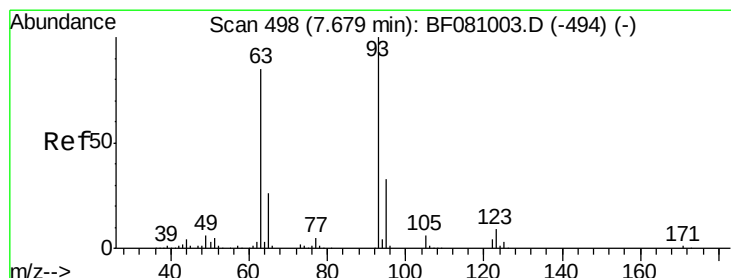
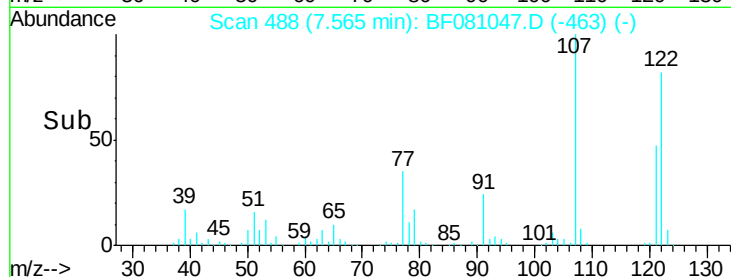
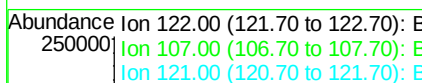
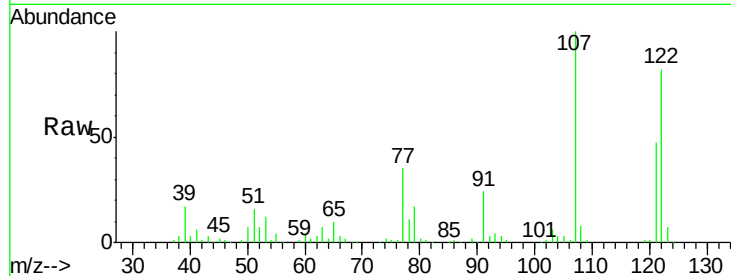
ClientSampleId :

PB85031BS

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Tot Ion:	122	Resp:	142882
Ion Ratio	Lower	Upper	
122	100		
107	122.1	103.8	155.6
121	57.6	47.0	70.4



#28

bis(2-Chloroethoxy)methane

Concen: 35.88 ng

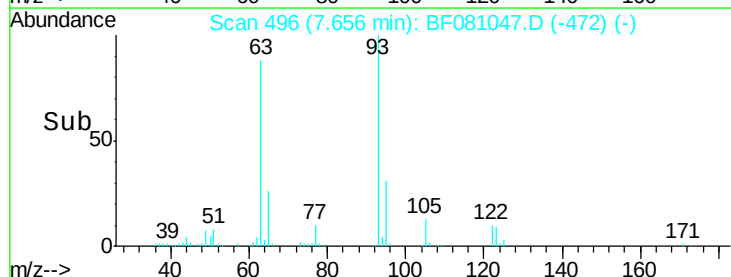
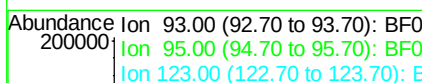
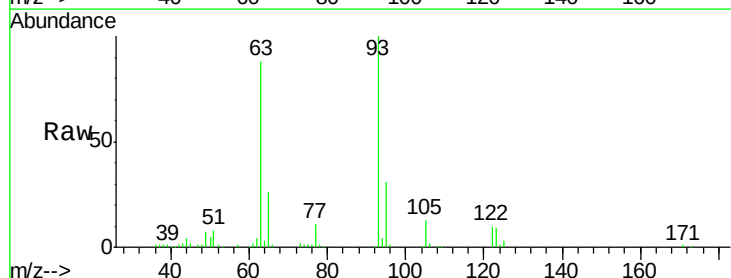
RT: 7.66 min Scan# 496

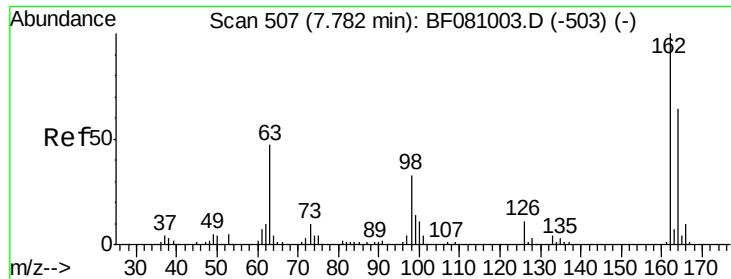
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	93	Resp:	196511
Ion Ratio	Lower	Upper	
93	100		
95	31.4	25.8	38.8
123	9.1	7.4	11.0





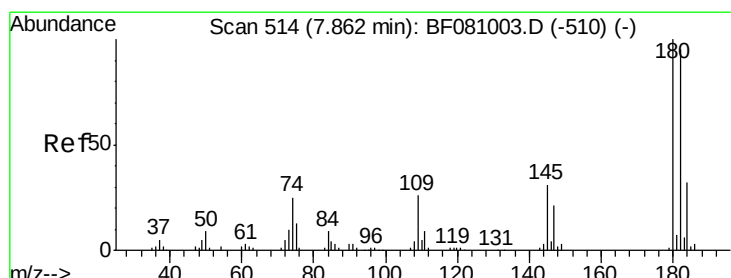
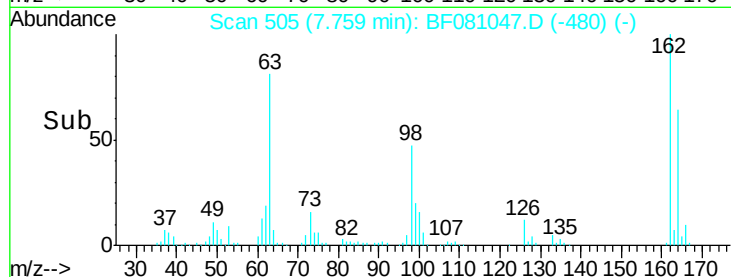
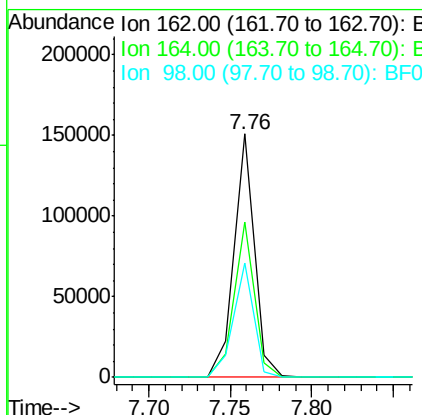
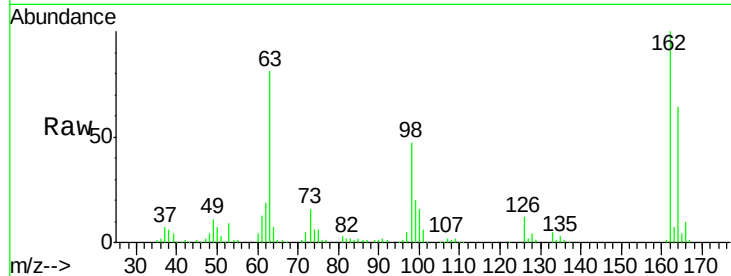
#29
 2,4-Dichlorophenol
 Concen: 40.17 ng
 RT: 7.76 min Scan# 505
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		129322		
164	63.9		43.2	83.2	
98	46.8		12.3	52.3	

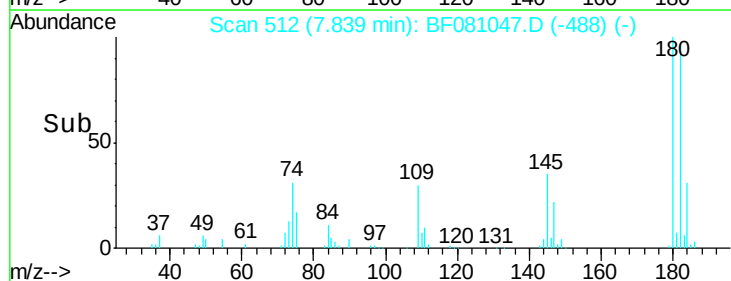
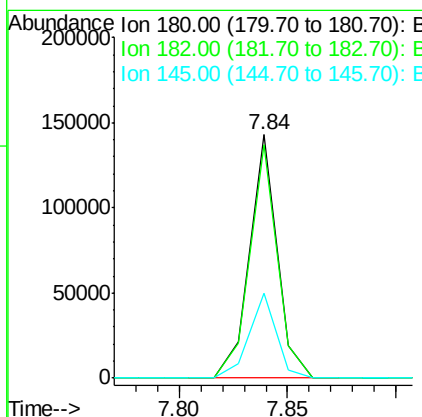
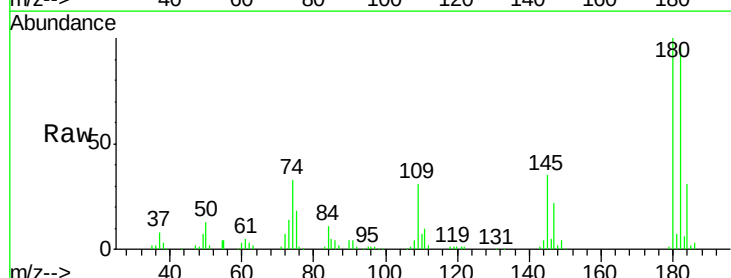
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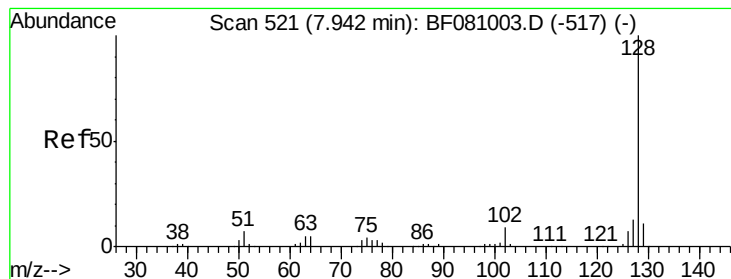
MMDadoda
 8/19/2015 2:17:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.15 ng
 RT: 7.84 min Scan# 512
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		125754		
182	96.0		76.4	114.6	
145	34.9		25.4	38.2	





#31

Naphthalene

Concen: 37.78 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

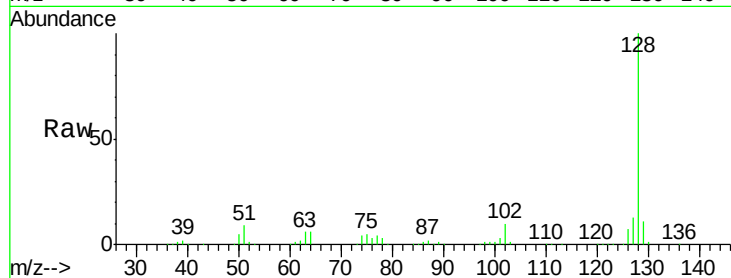
ClientSampleId :

PB85031BS

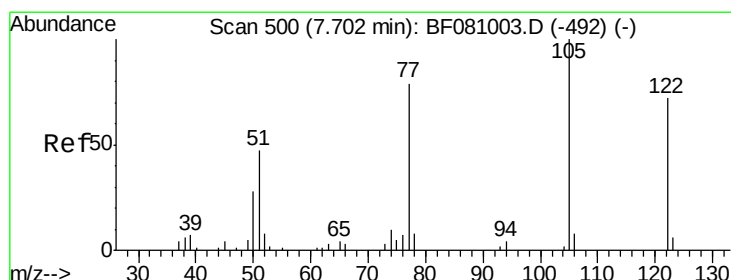
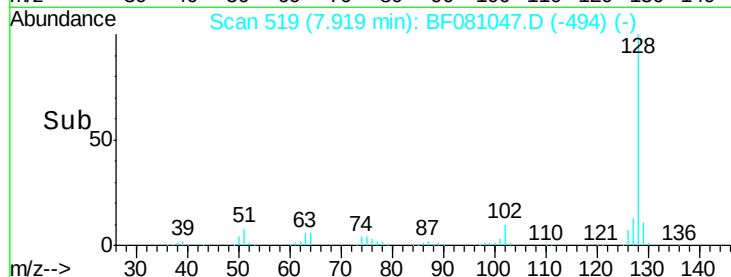
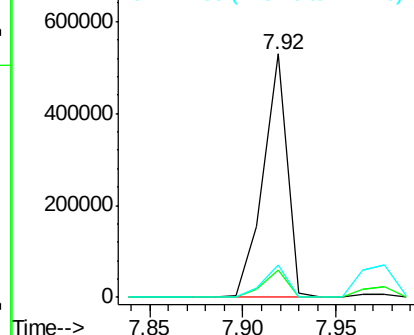
Tot Ion:	128	Resp:	478205
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.4	12.6
127	13.3	10.6	16.0

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



#32

Benzoic acid

Concen: 49.06 ng

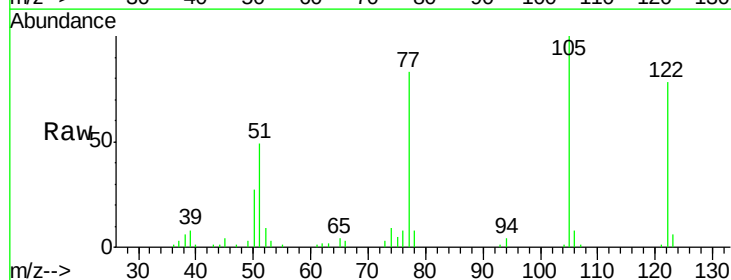
RT: 7.70 min Scan# 500

Delta R.T. 0.05 min

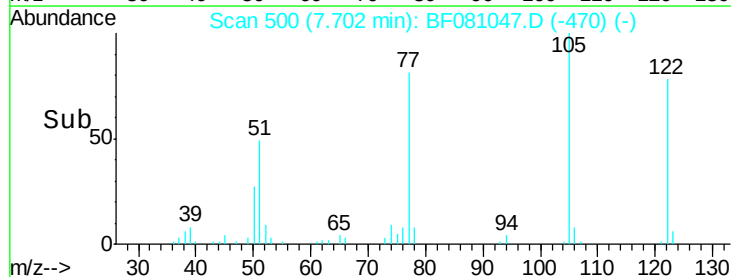
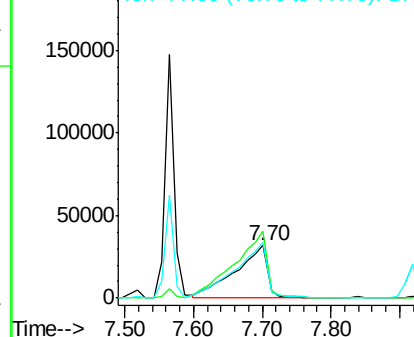
Lab File: BF081047.D

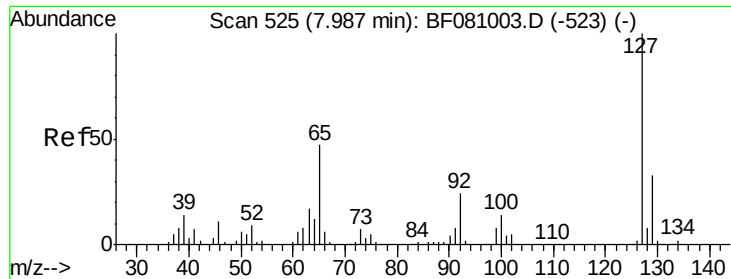
Acq: 18 Aug 2015 17:36

Tgt Ion:	122	Resp:	105522
Ion Ratio	Lower	Upper	
122	100		
105	127.5	113.8	153.8
77	106.3	93.8	133.8



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





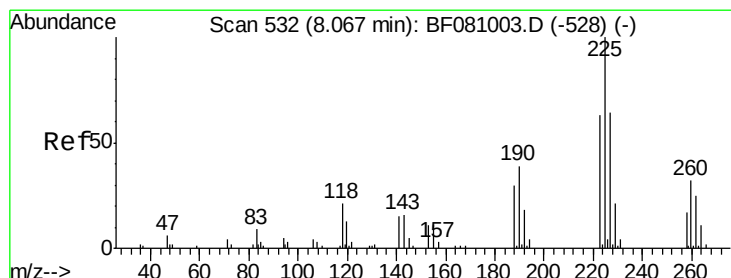
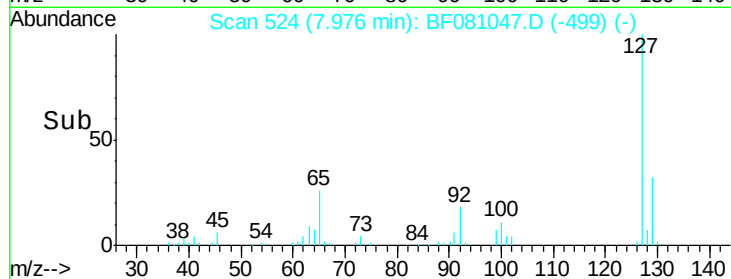
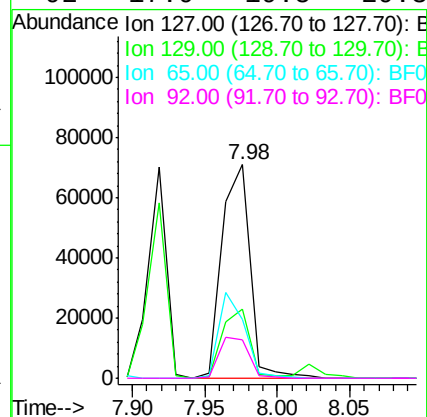
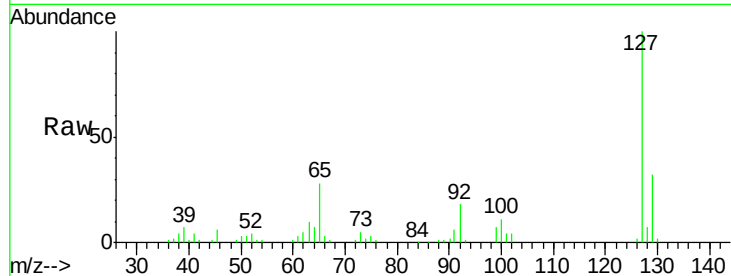
#33
4-Chloroaniline
Concen: 17.90 ng
RT: 7.98 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampled :
PB85031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.2	37.8		
65	27.8	37.8	56.6		
92	17.9	19.5	29.3		

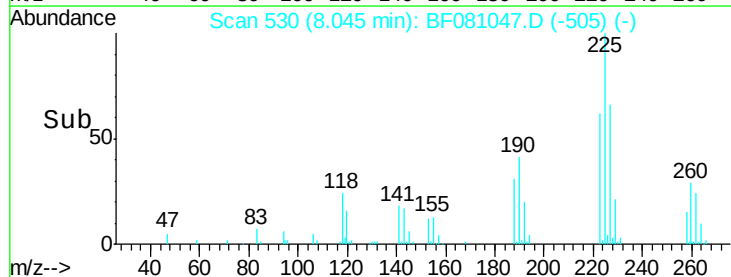
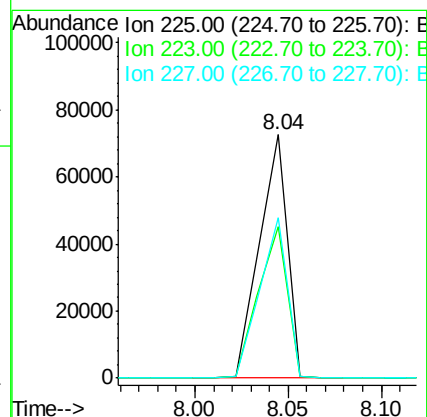
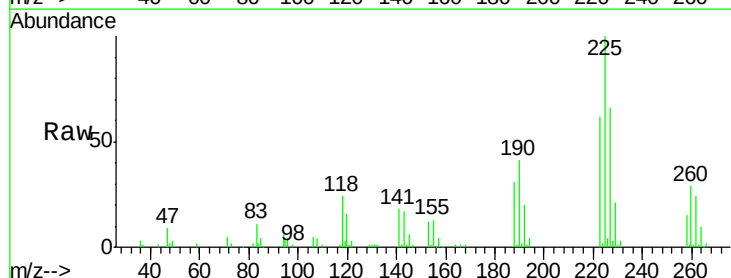
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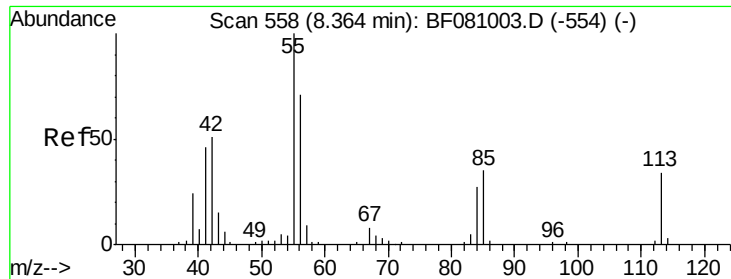
MMDadoda
8/19/2015 2:17:55 PM



#34
Hexachlorobutadiene
Concen: 37.00 ng
RT: 8.04 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	52.6	79.0		
227	65.8	51.1	76.7		





#35

Caprolactam

Concen: 45.92 ng/ml

RT: 8.34 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

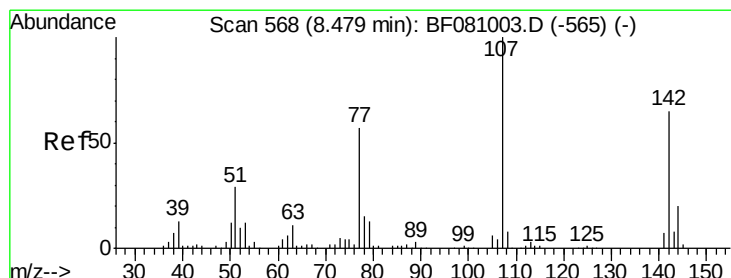
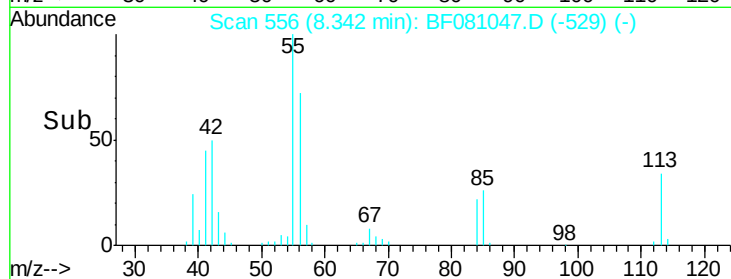
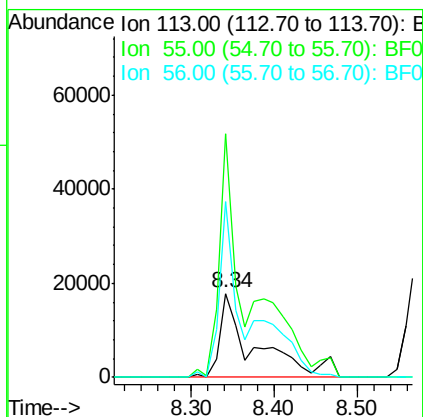
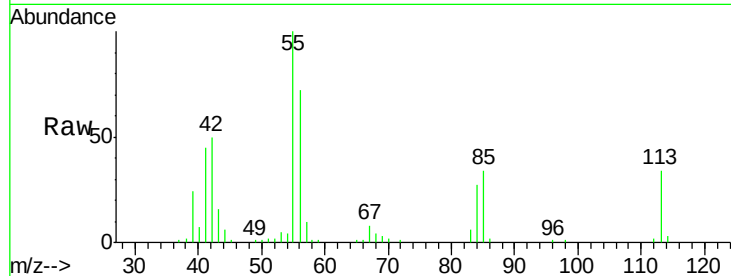
ClientSampleId :

PB85031BS

Tot Ion:	113	Resp:	51666
Ion Ratio	Lower	Upper	
113	100		
55	290.4	280.4	320.4
56	209.0	205.9	245.9

Manual Integrations
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MMDadoda
8/19/2015 2:17:55 PM



#36

4-Chloro-3-methylphenol

Concen: 44.58 ng/ml

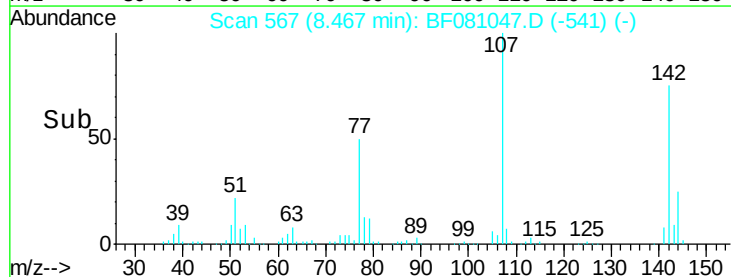
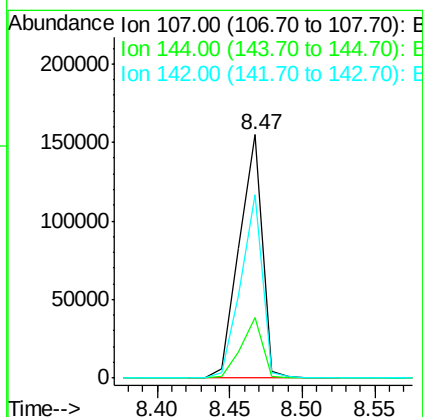
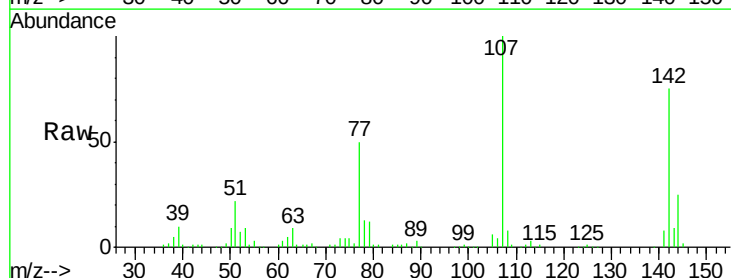
RT: 8.47 min Scan# 567

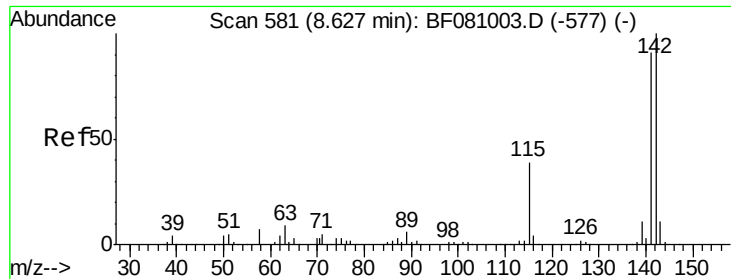
Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	107	Resp:	171030
Ion Ratio	Lower	Upper	
107	100		
144	24.7	17.2	25.8
142	75.2	54.9	82.3





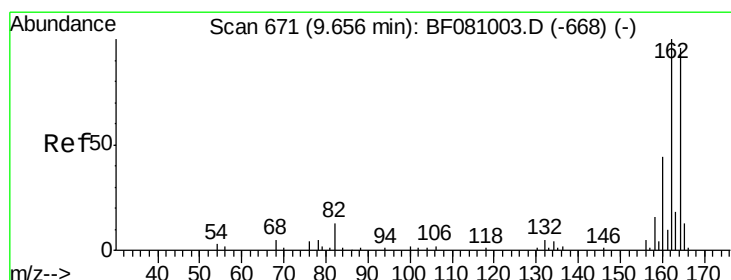
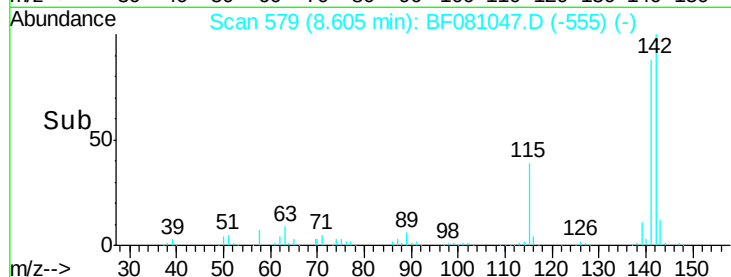
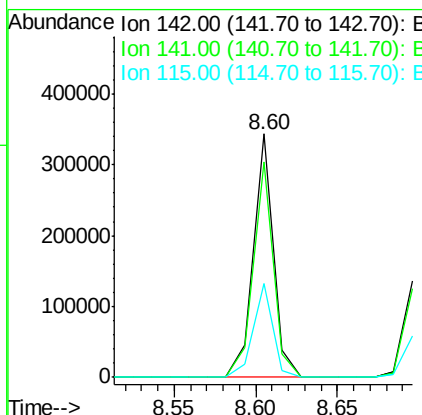
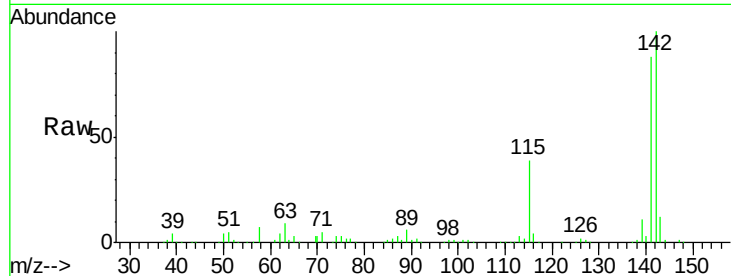
#37
2-Methylnaphthalene
Concen: 36.75 ng
RT: 8.60 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	293854		
141	88.4		71.4	107.2
115	38.6		33.4	50.0

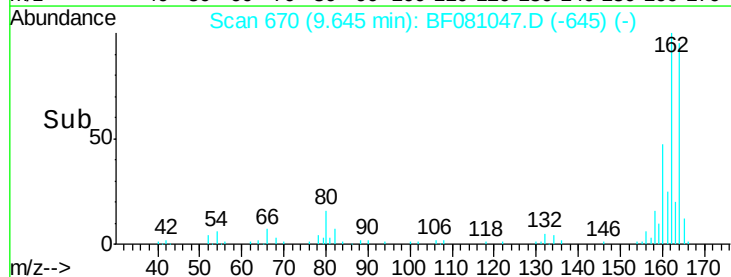
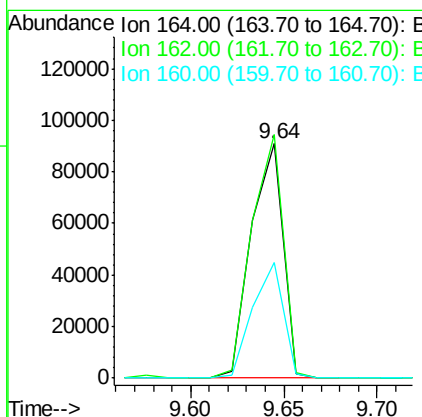
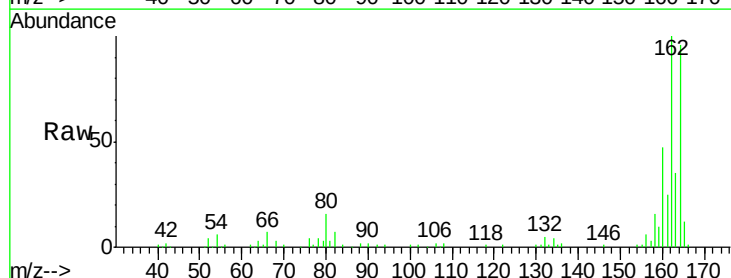
Manual Integrations
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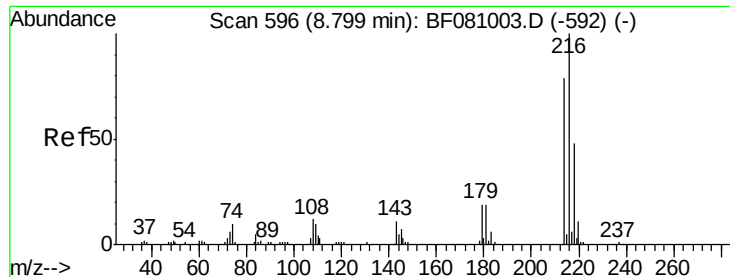
MMDadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107333		
162	103.9		83.8	125.8
160	49.2		39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.98 ng

RT: 8.78 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

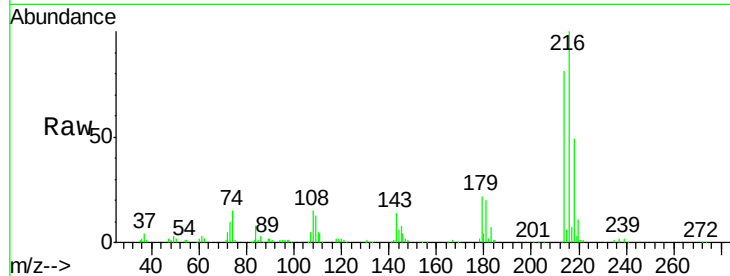
ClientSampleId :

PB85031BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	80.3		63.8	95.8	
179	23.1		17.8	26.8	
108	23.2		16.2	24.2	

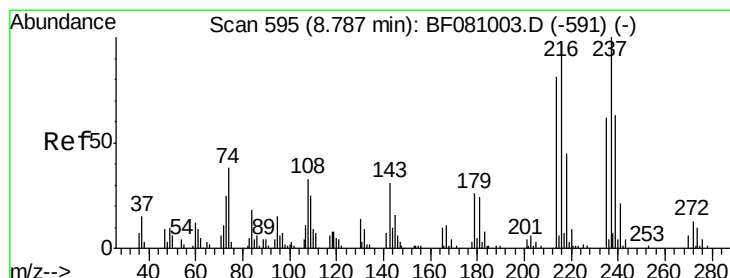
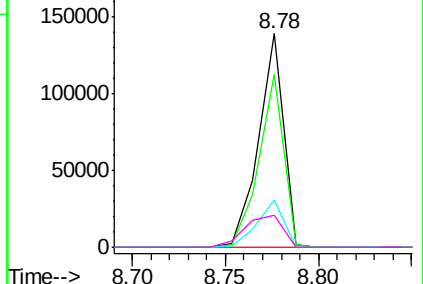
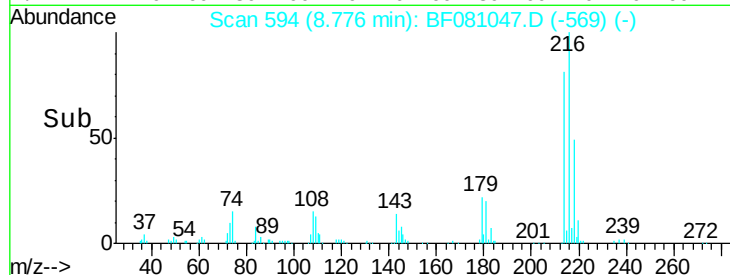


Abundance Ion 216.00 (215.70 to 216.70): E

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: 83.39 ng

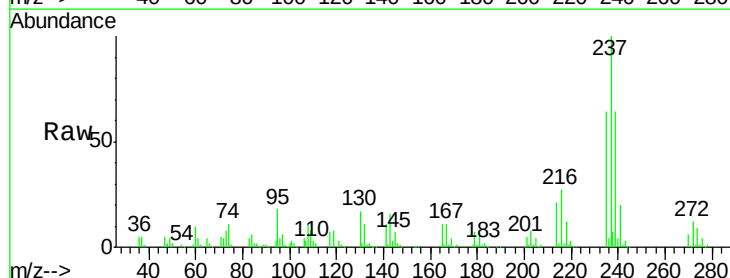
RT: 8.76 min Scan# 593

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

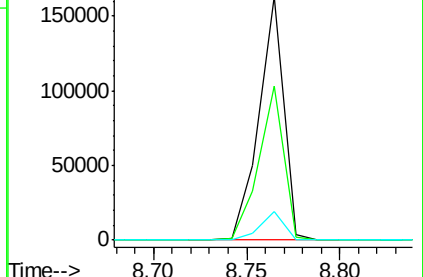
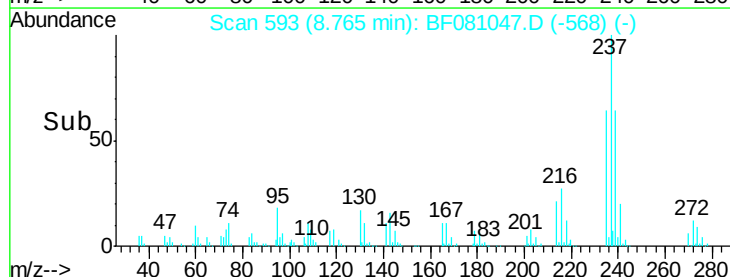
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.5		43.6	83.6	
272	11.6		0.0	32.2	

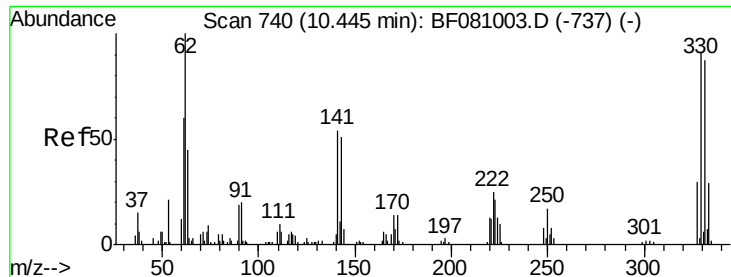


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





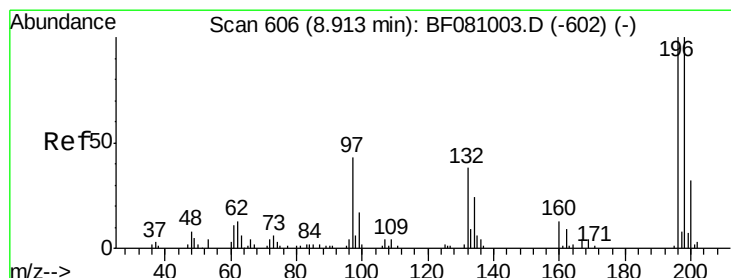
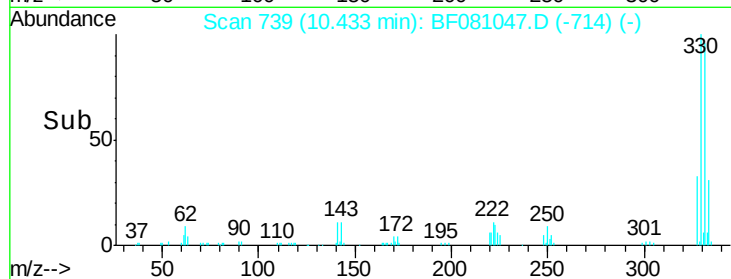
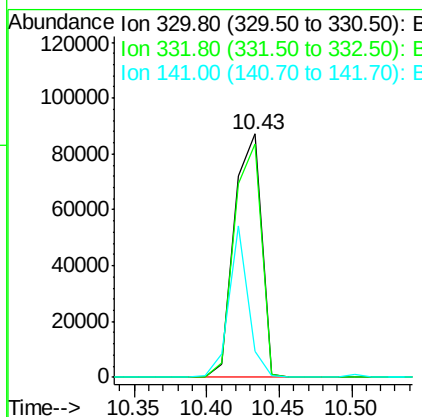
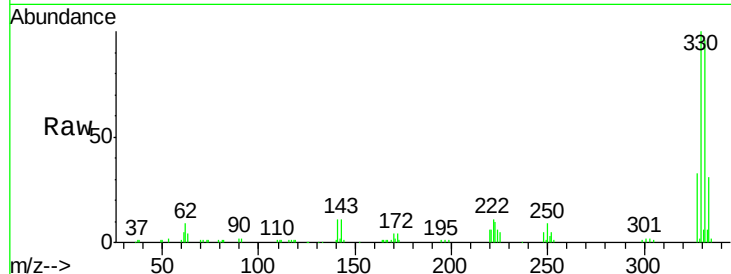
#41
 2,4,6-Tribromophenol
 Concen: 122.25 ng
 RT: 10.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	113740		
332	96.2	77.3	115.9	
141	43.9	44.9	67.3#	

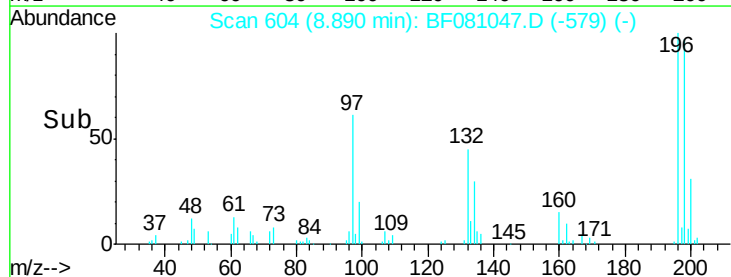
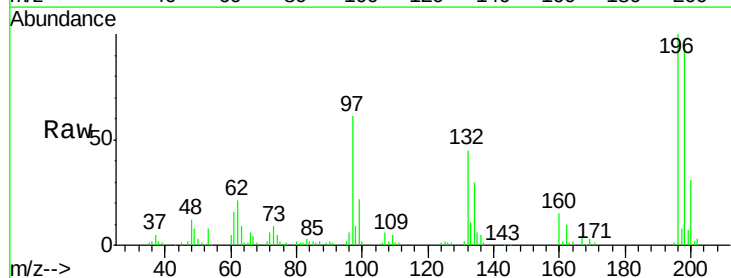
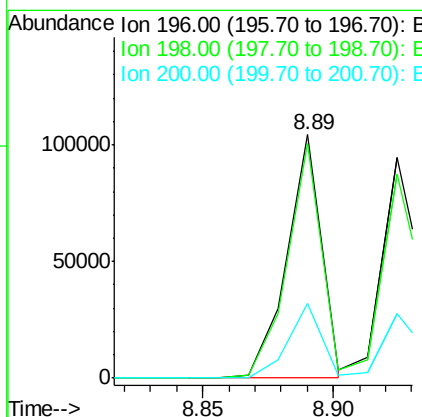
Manual Integrations
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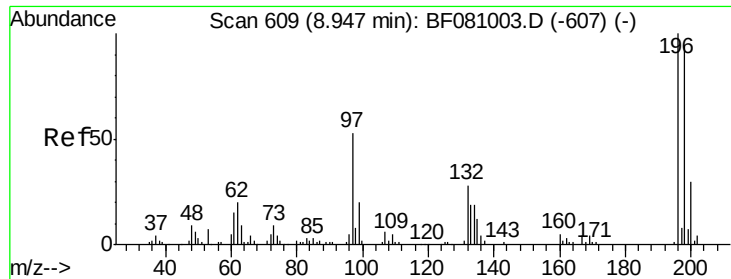
MMDadoda
 8/19/2015 2:17:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.90 ng
 RT: 8.89 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95161		
198	96.5	74.6	111.8	
200	30.8	22.7	34.1	





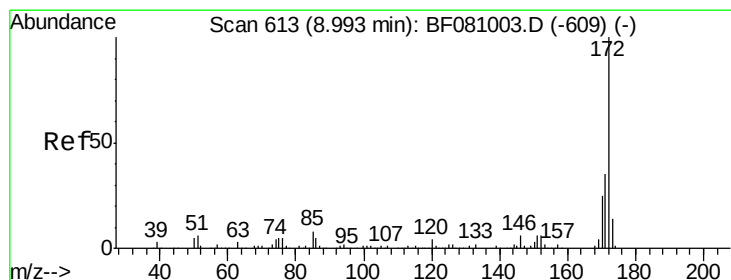
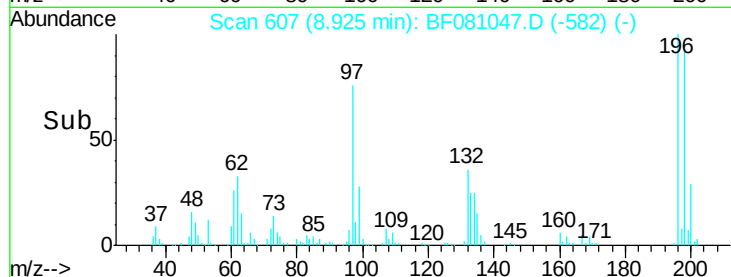
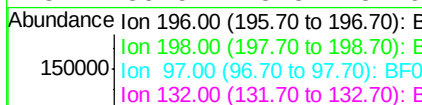
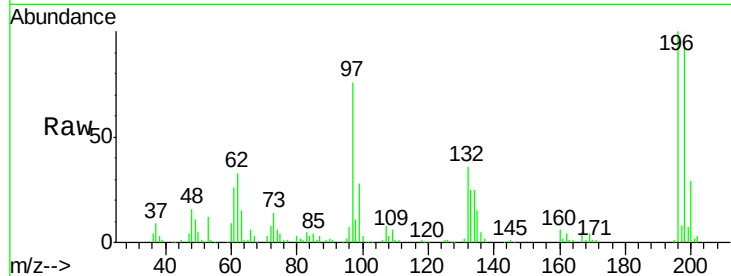
#43
 2,4,5-Trichlorophenol
 Concen: 36.75 ng
 RT: 8.92 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		89859		
198	92.2	78.3	117.5		
97	76.3	42.7	64.1#		
132	35.5	23.3	34.9#		

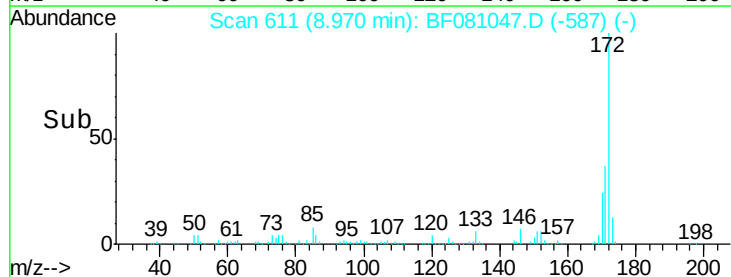
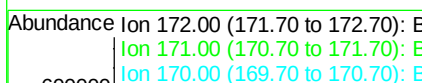
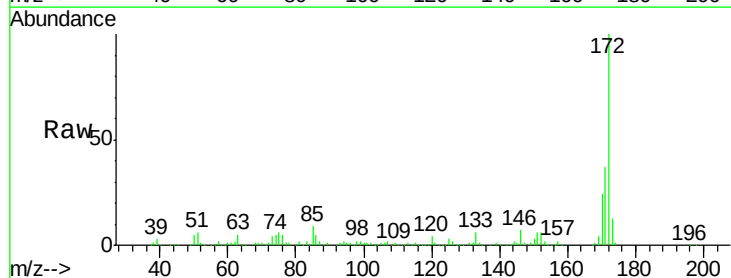
Manual Integrations
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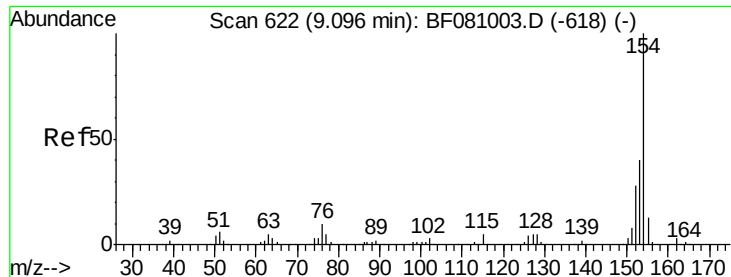
MMDadoda
 8/19/2015 2:17:55 PM



#44
 2-Fluorobiphenyl
 Concen: 67.50 ng
 RT: 8.97 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		552901		
171	36.5	28.9	43.3		
170	23.8	19.4	29.2		





#45

1,1'-Biphenyl

Concen: 41.58 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

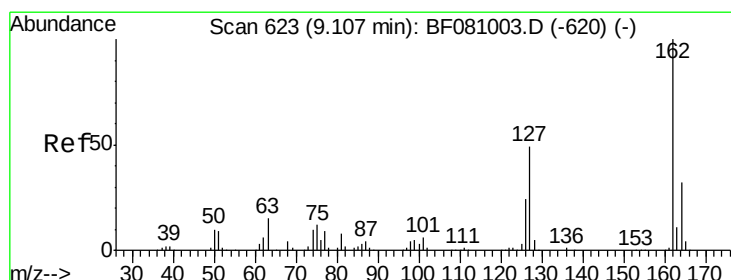
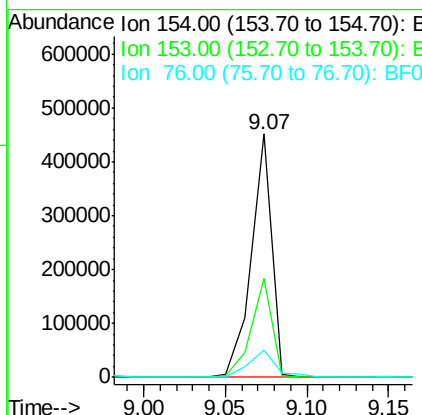
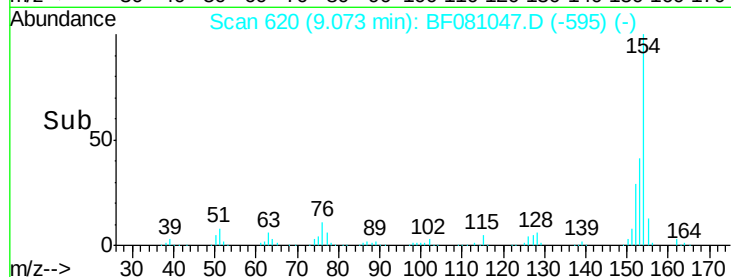
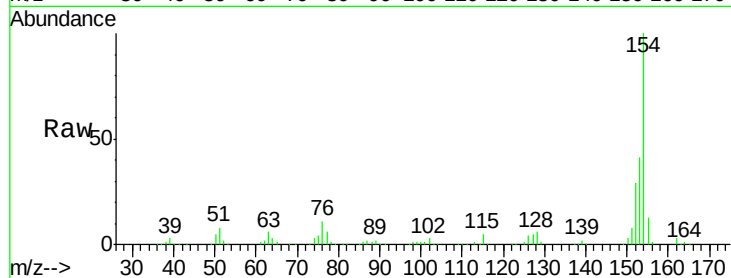
ClientSampleId :

PB85031BS

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Tot Ion:	154	Resp:	393108
Ion Ratio	Lower	Upper	
154	100		
153	40.7	19.5	59.5
76	11.4	0.0	29.3



#46

2-Chloronaphthalene

Concen: 35.61 ng

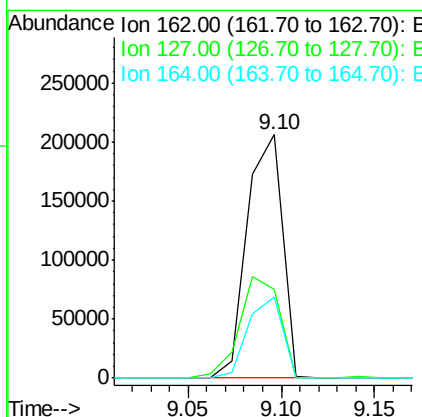
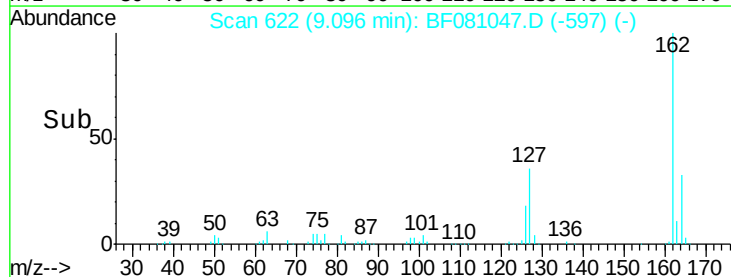
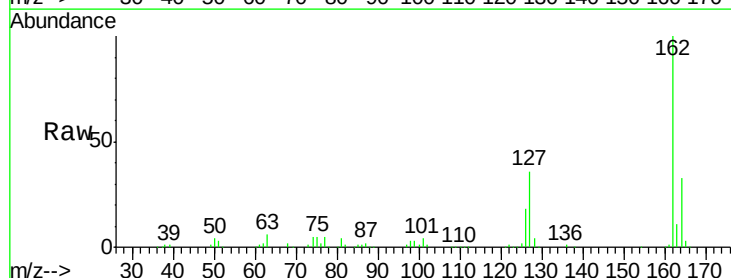
RT: 9.10 min Scan# 622

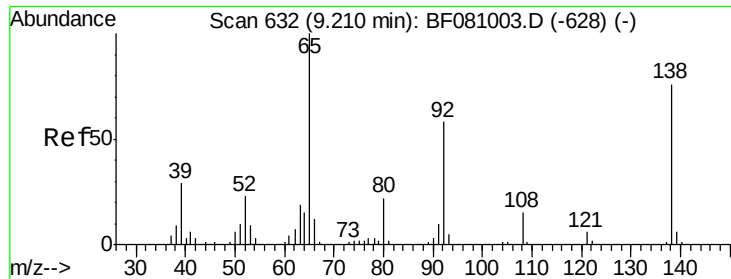
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	162	Resp:	270455
Ion Ratio	Lower	Upper	
162	100		
127	36.5	31.3	46.9
164	33.4	26.3	39.5





#47

2-Nitroaniline

Concen: 33.96 ng

RT: 9.19 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

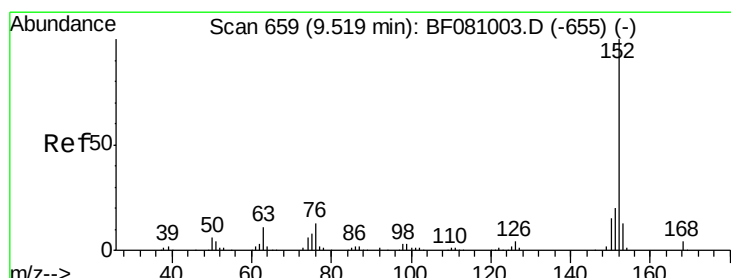
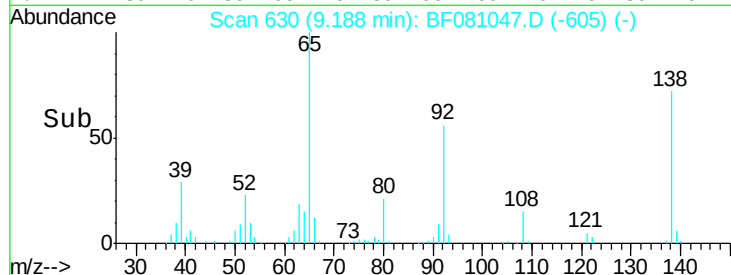
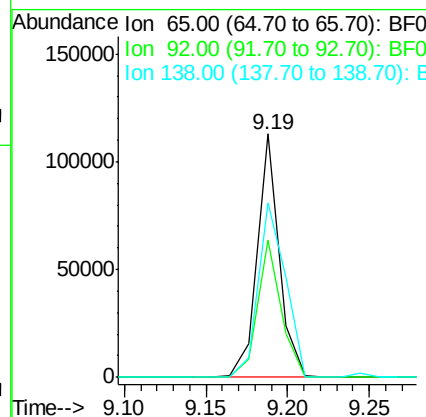
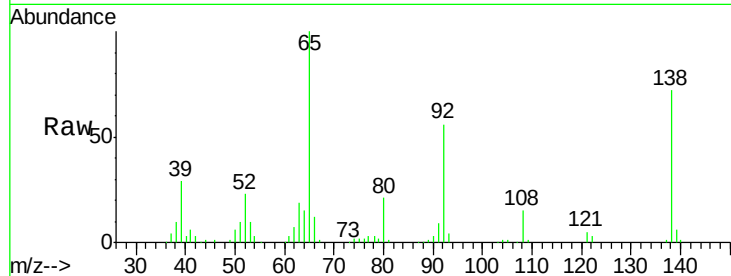
ClientSampleId :

PB85031BS

Tot Ion:	65	Resp:	105545
Ion Ratio	Lower	Upper	
65	100		
92	56.4	45.6	68.4
138	71.7	57.9	86.9

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#48

Acenaphthylene

Concen: 33.67 ng

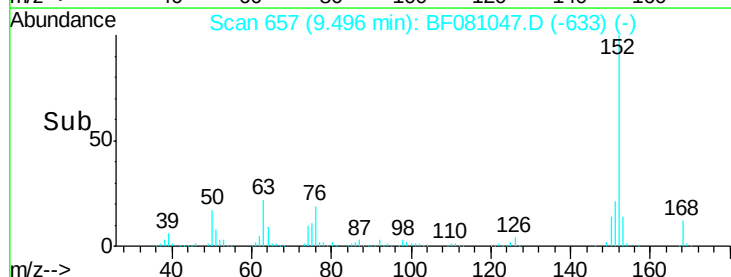
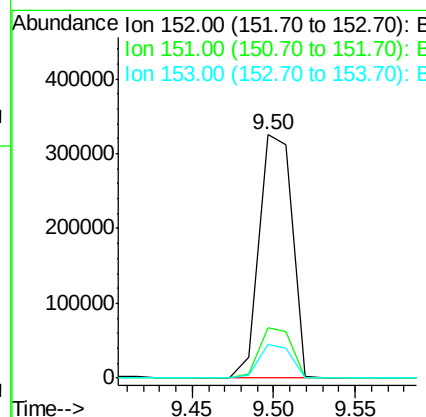
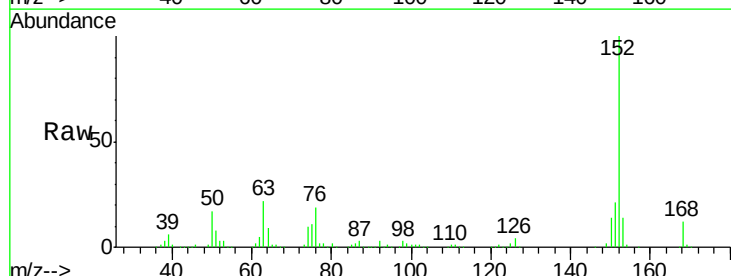
RT: 9.50 min Scan# 657

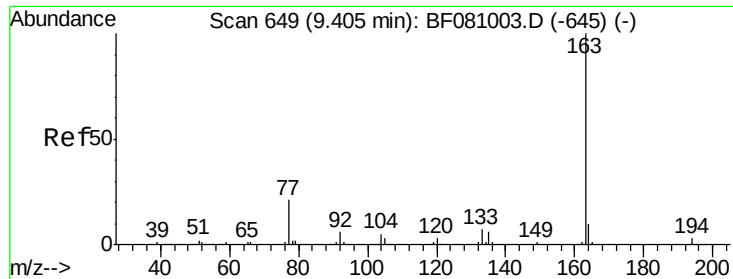
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	152	Resp:	457445
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.1	24.1
153	13.7	9.8	14.6





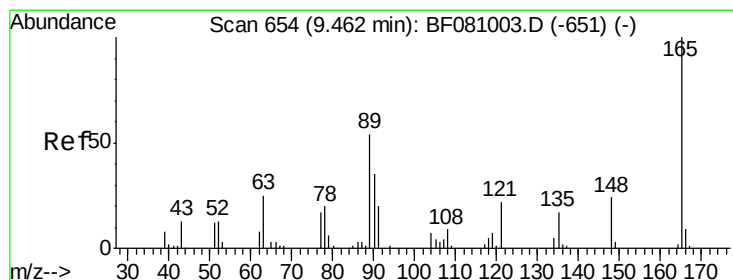
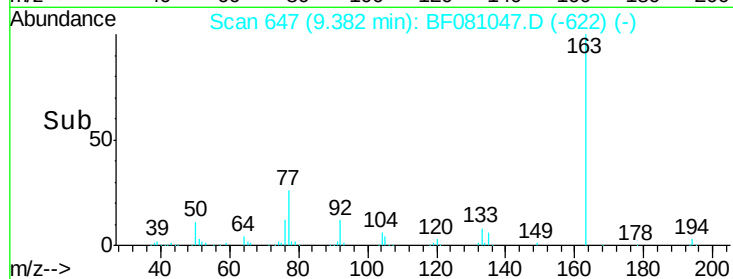
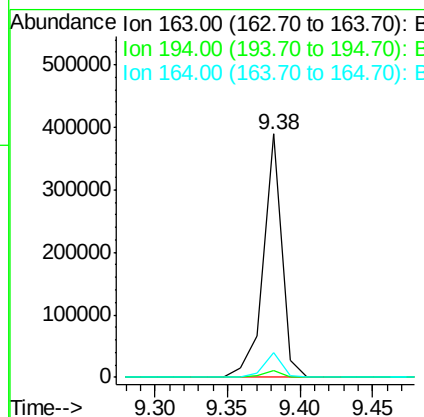
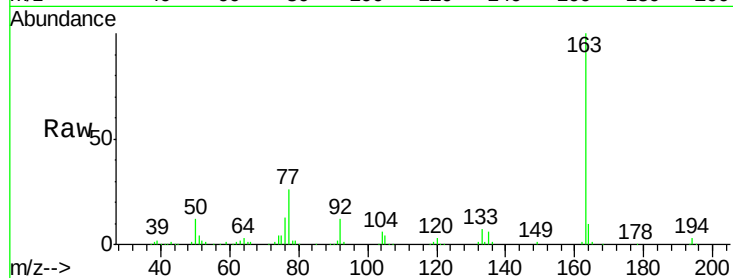
#49
Dimethylphthalate
Concen: 38.57 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	340918		
194	3.0	2.5	3.7	
164	10.1	8.1	12.1	

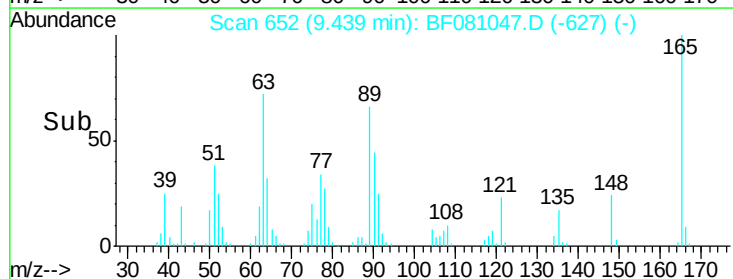
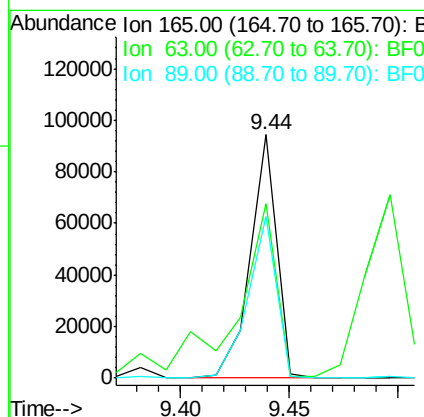
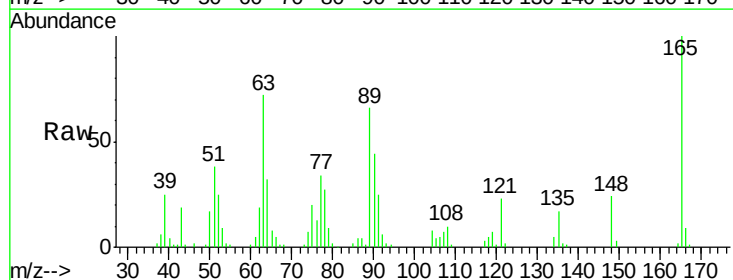
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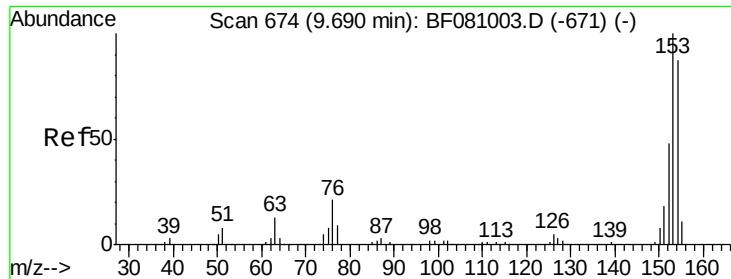
MMDadoda
8/19/2015 2:17:55 PM



#50
2,6-Dinitrotoluene
Concen: 41.85 ng
RT: 9.44 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	79428		
63	71.6	49.5	74.3	
89	66.2	47.6	71.4	





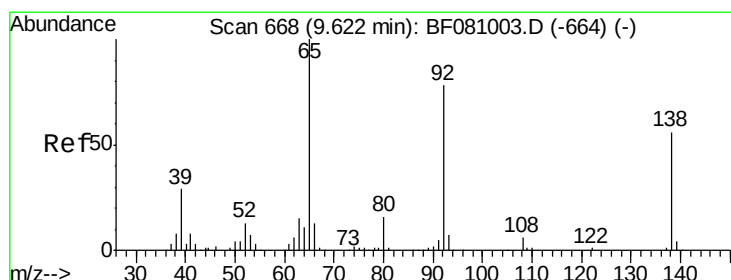
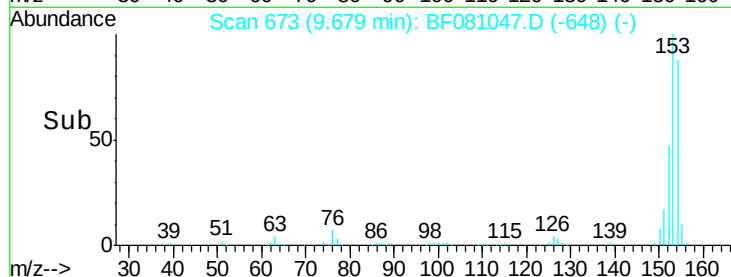
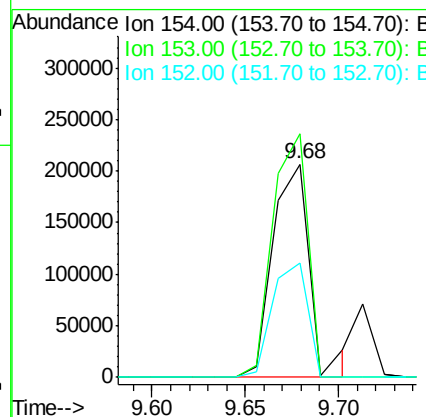
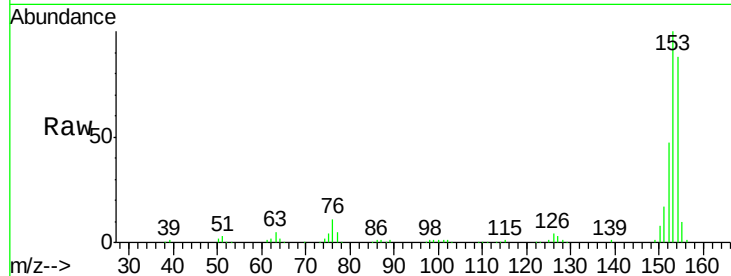
#51
Acenaphthene
Concen: 35.15 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.4	137.2
152	53.8	43.7	65.5

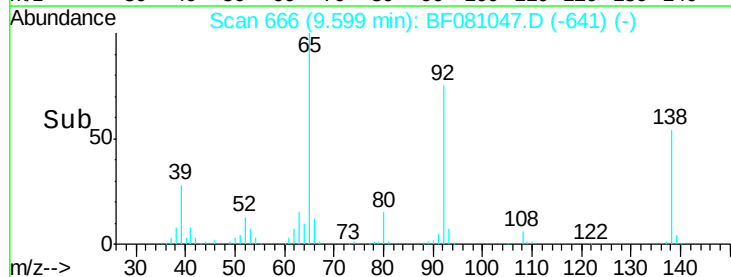
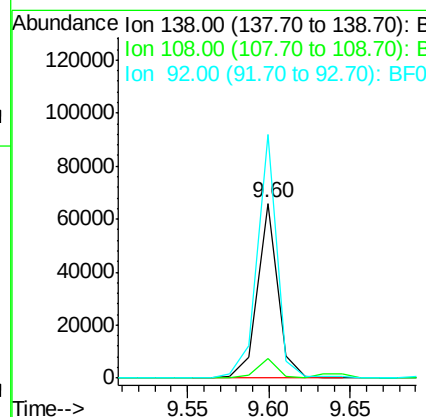
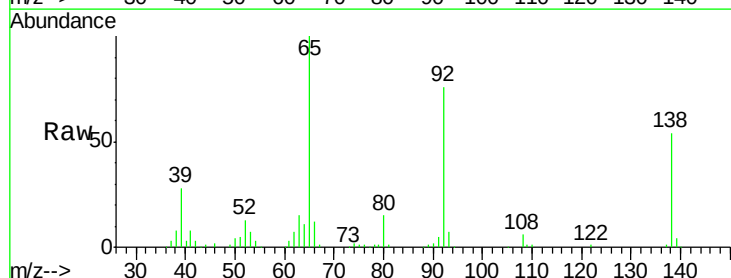
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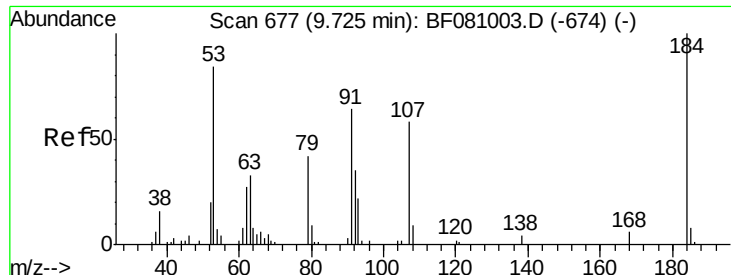
MMDadoda
8/19/2015 2:17:55 PM



#52
3-Nitroaniline
Concen: 23.98 ng
RT: 9.60 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.2
92	139.4	113.2	169.8





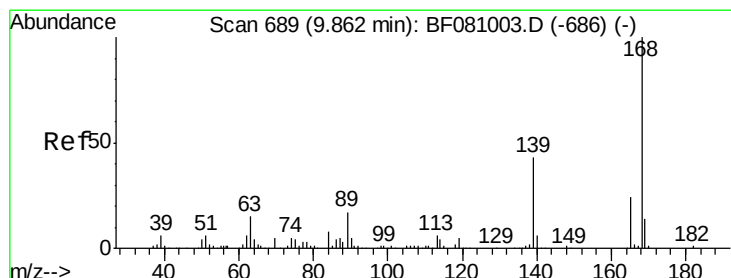
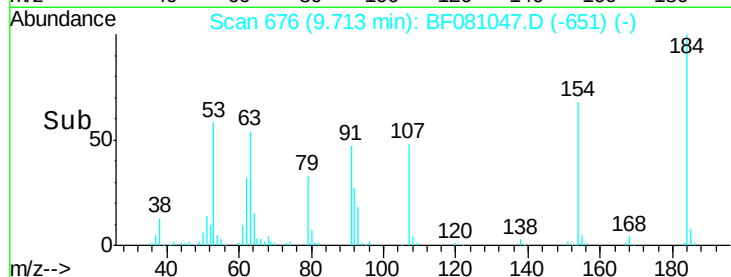
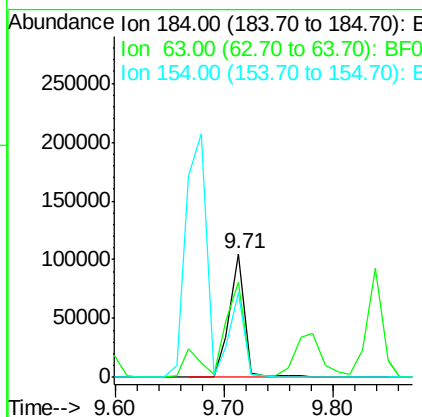
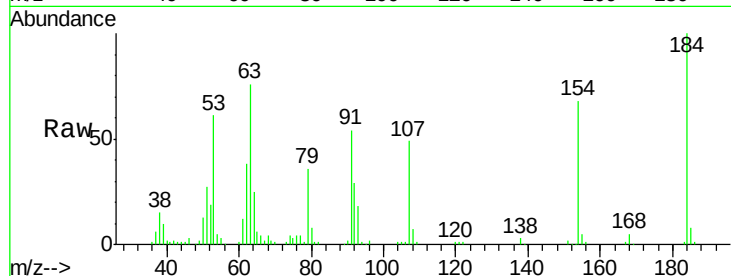
#53
2,4-Dinitrophenol
Concen: 93.31 ng
RT: 9.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	102736		
63	76.5	101.7	152.5#	
154	68.2	67.4	101.0	

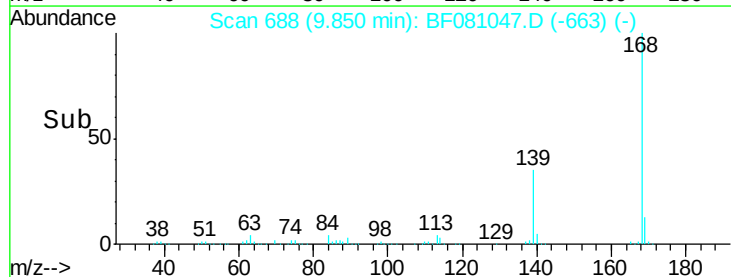
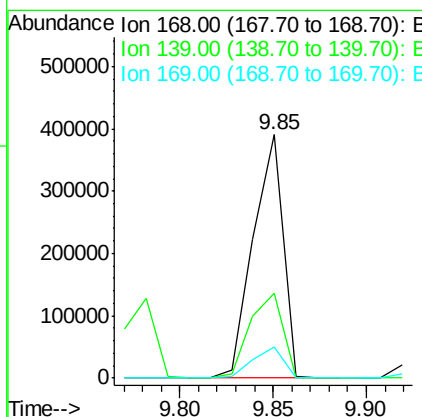
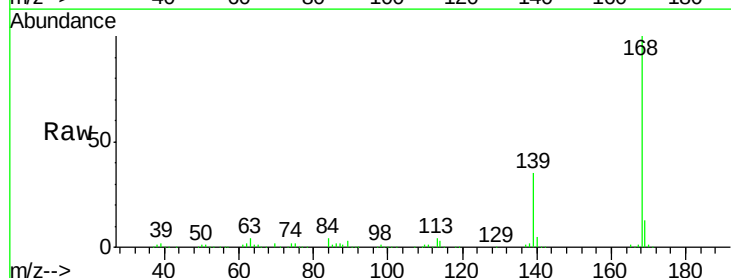
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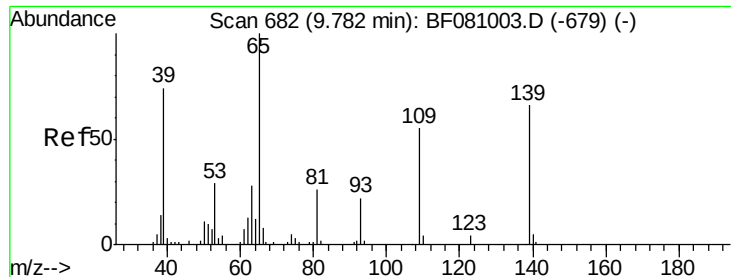
MMDadoda
8/19/2015 2:17:55 PM



#54
Dibenzofuran
Concen: 39.57 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	431307		
139	34.9	29.3	43.9	
169	12.8	10.3	15.5	





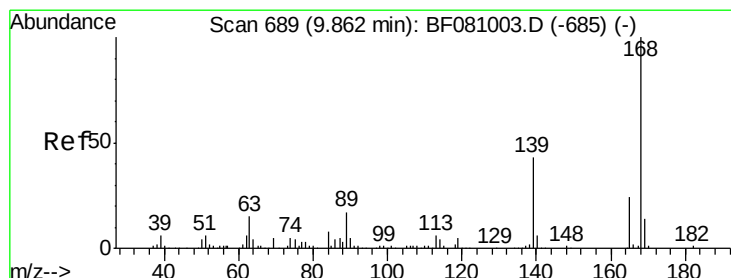
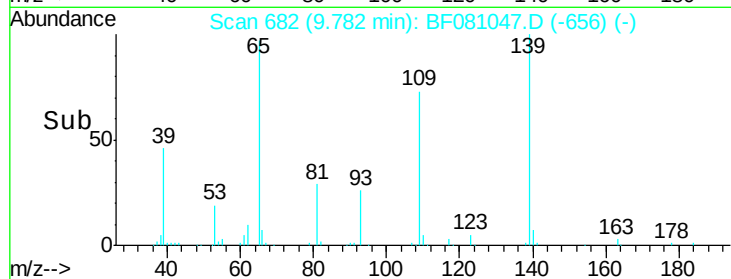
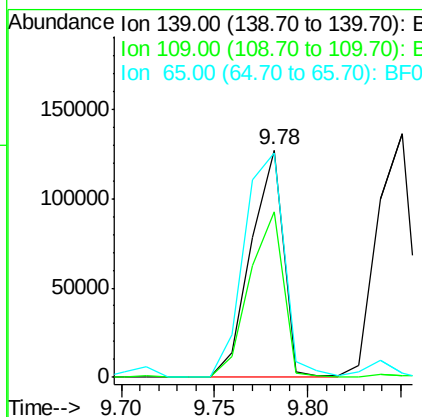
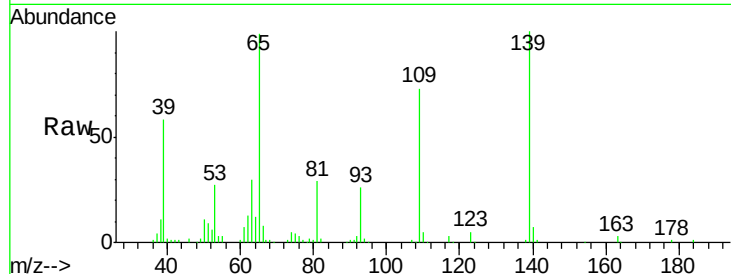
#55
4-Nitrophenol
Concen: 92.15 ng
RT: 9.78 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.7	80.0	120.0#	
65	98.5	138.3	178.3#	

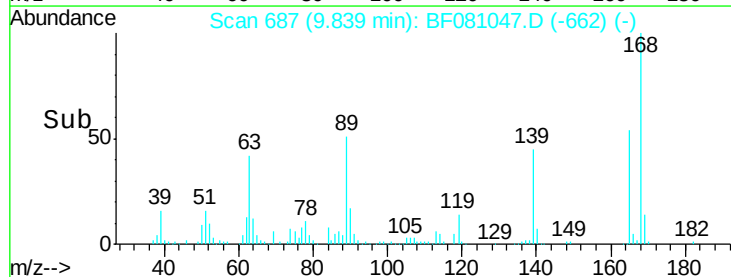
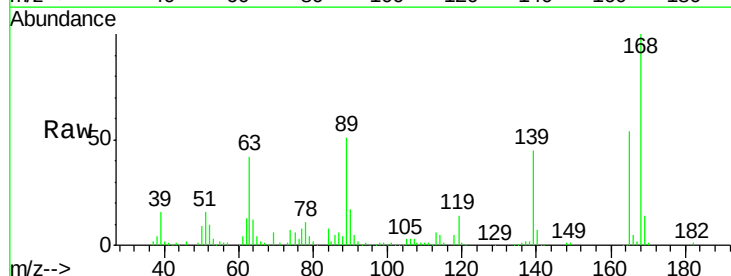
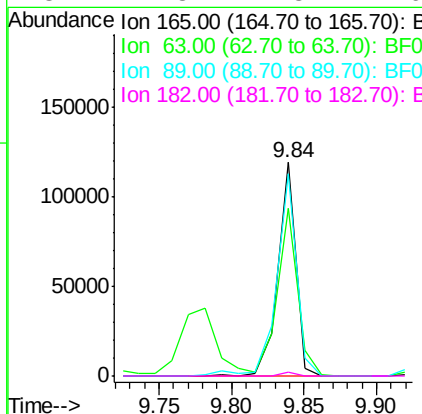
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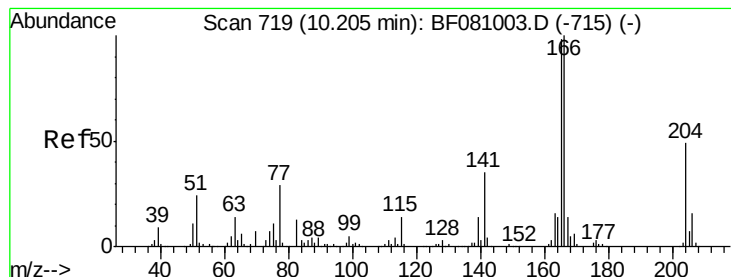
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#56
2,4-Dinitrotoluene
Concen: 40.65 ng
RT: 9.84 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.3	52.2	78.4	
89	94.9	60.1	90.1#	
182	1.8	1.8	2.6	





#57

Fluorene

Concen: 34.45 ng

RT: 10.18 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

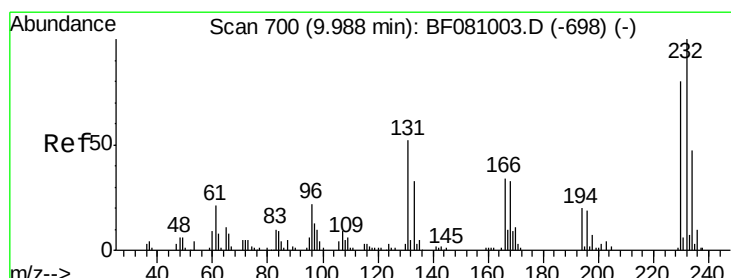
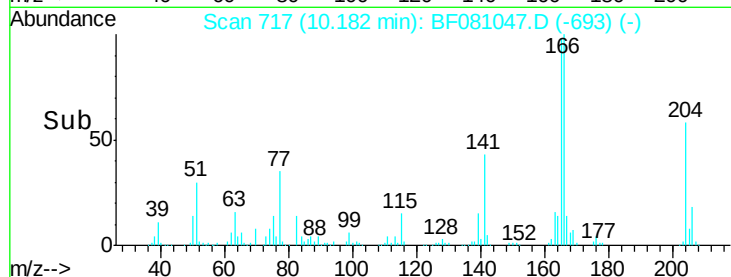
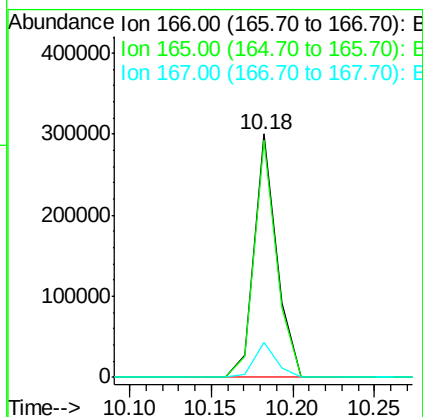
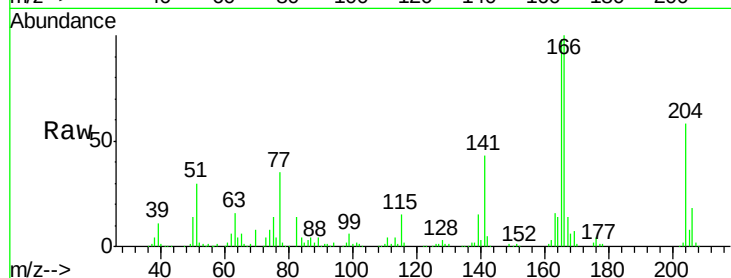
ClientSampleId :

PB85031BS

Tot Ion:	166	Resp:	288827
Ion Ratio	Lower	Upper	
166	100		
165	97.6	75.8	113.8
167	14.3	11.3	16.9

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.01 ng m

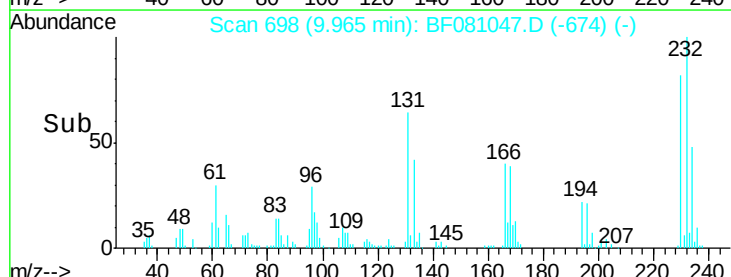
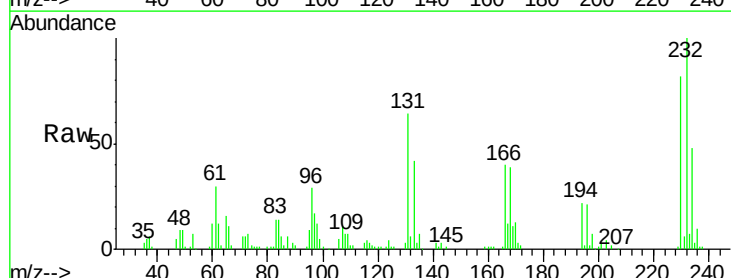
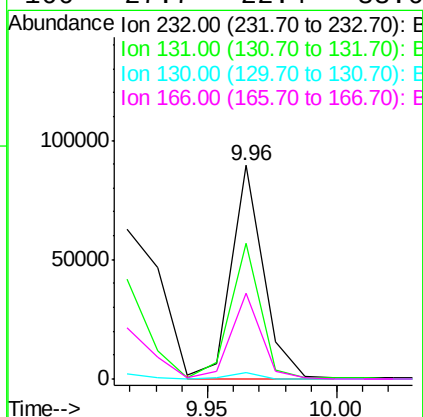
RT: 9.96 min Scan# 698

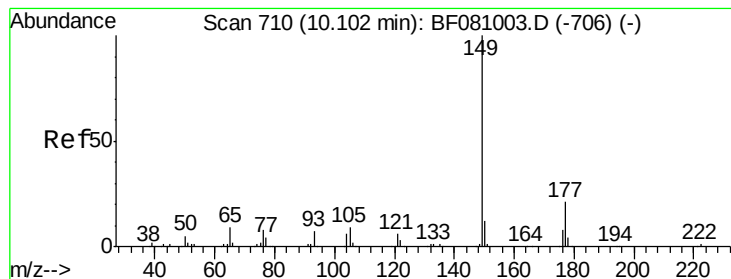
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	232	Resp:	77613
Ion Ratio	Lower	Upper	
232	100		
131	50.2	42.2	63.4
130	2.6	2.1	3.1
166	27.7	22.4	33.6





#59

Diethylphthalate

Concen: 40.86 ng

RT: 10.08 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

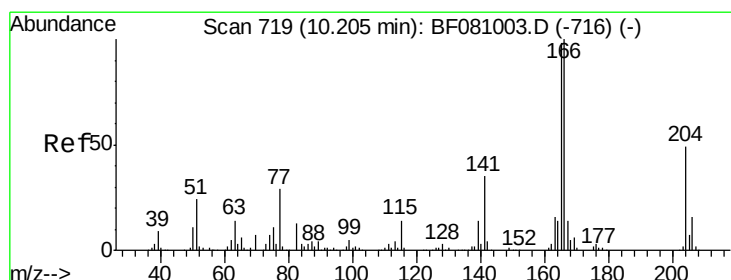
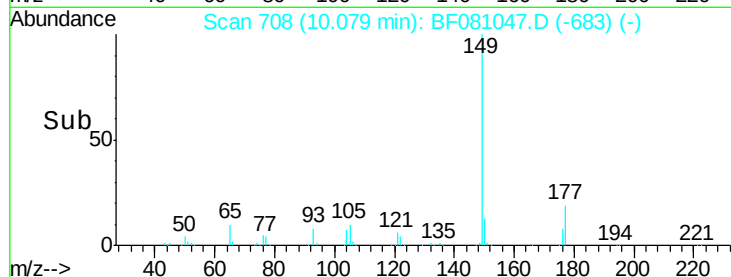
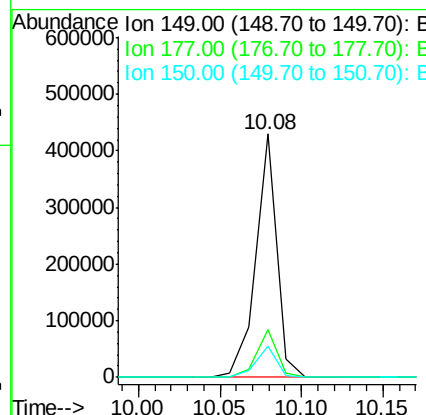
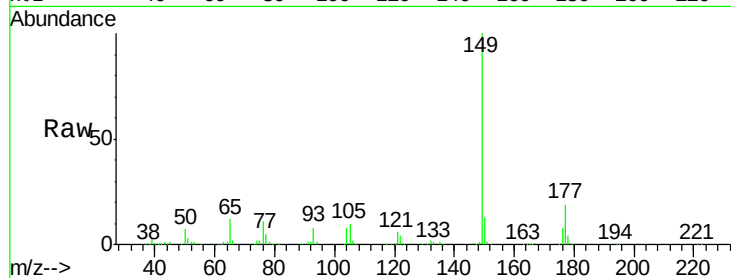
ClientSampleId :

PB85031BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		382285		
177	19.4		14.1	21.1	
150	12.5		10.3	15.5	

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#60

4-Chlorophenyl-phenylether

Concen: 39.58 ng

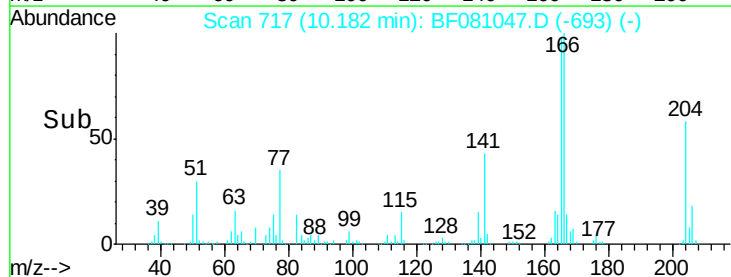
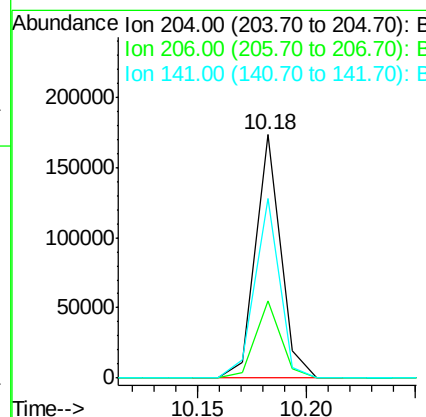
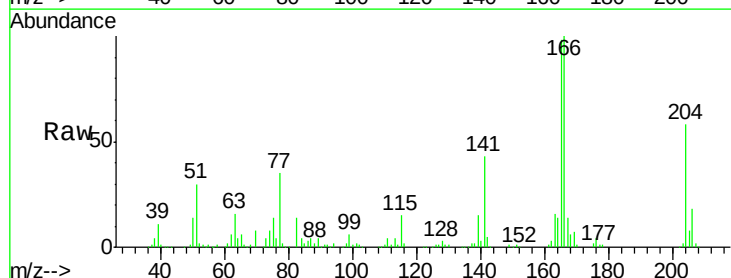
RT: 10.18 min Scan# 717

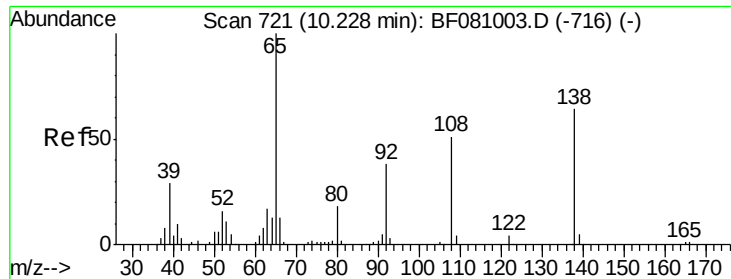
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
204	100		140437		
206	31.5		26.2	39.2	
141	74.0		59.6	89.4	





#61

4-Nitroaniline

Concen: 38.21 ng

RT: 10.22 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampled :

PB85031BS

Tot Ion:138 Resp: 92748

Ion Ratio Lower Upper

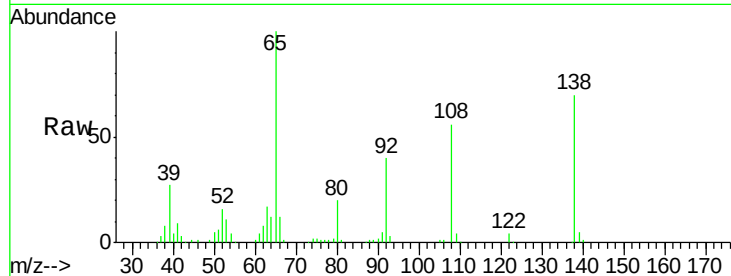
138 100

92 56.8 34.7 74.7

108 79.9 68.9 108.9

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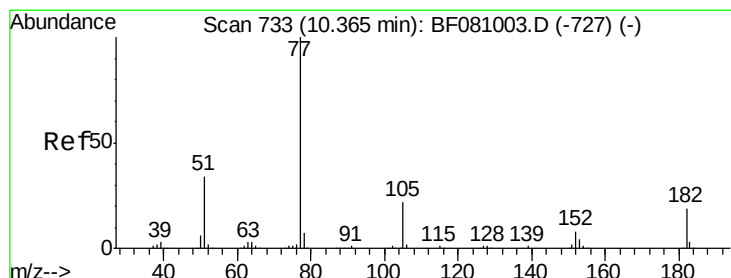
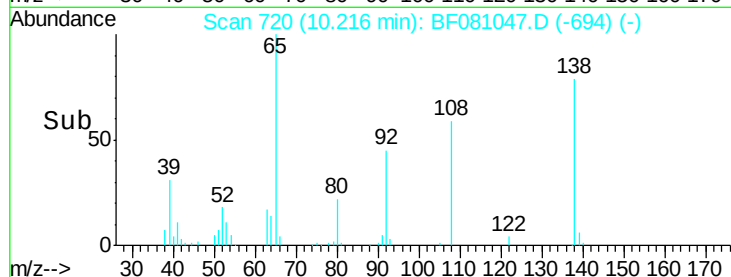
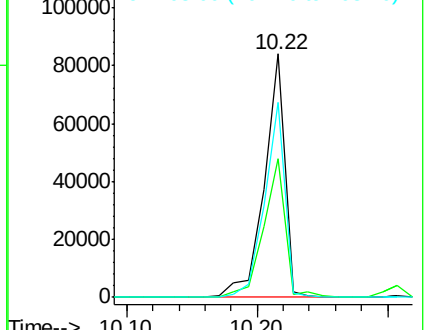
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.44 ng

RT: 10.34 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion: 77 Resp: 446740

Ion Ratio Lower Upper

77 100

182 17.6 0.0 39.0

105 21.3 0.2 40.2

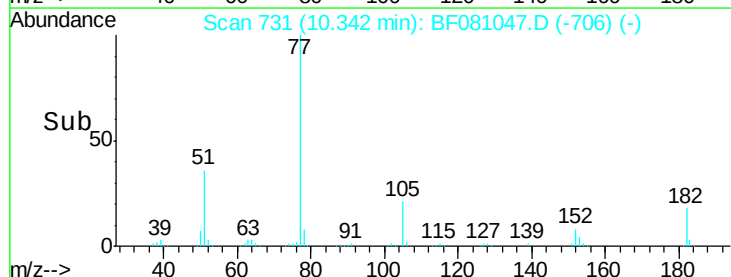
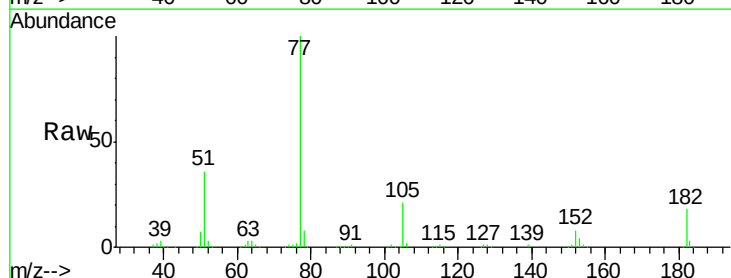
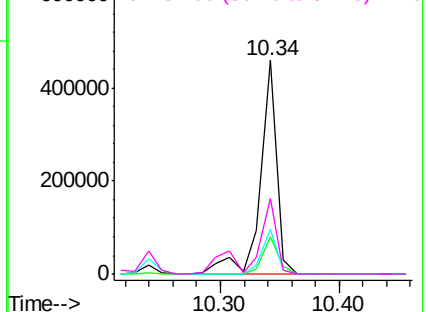
51 35.6 18.0 58.0

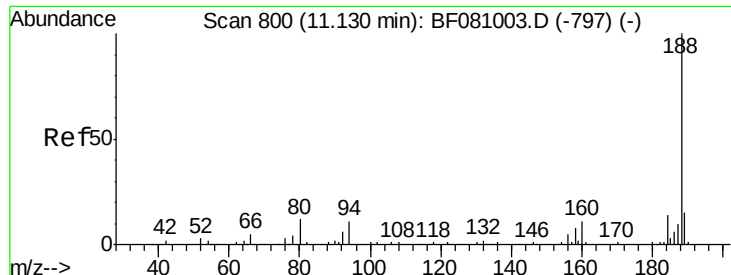
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





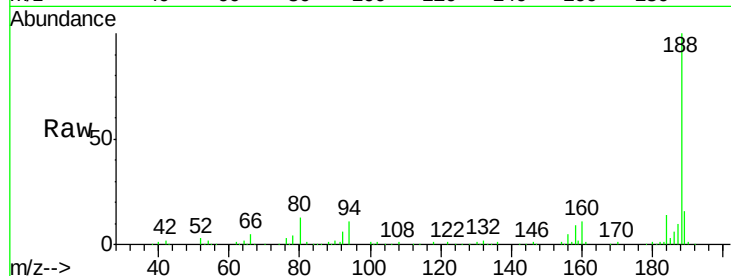
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

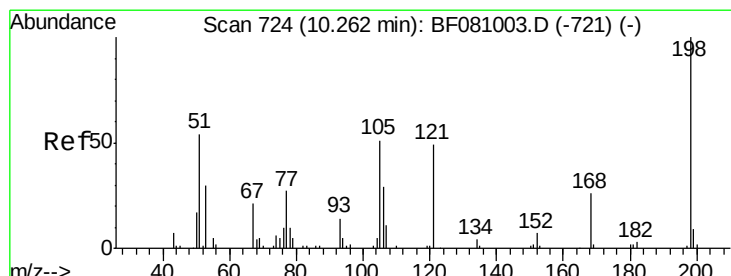
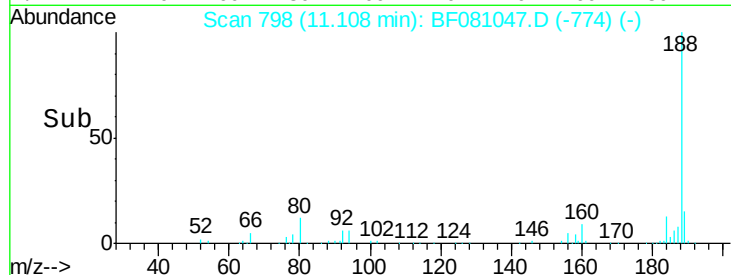
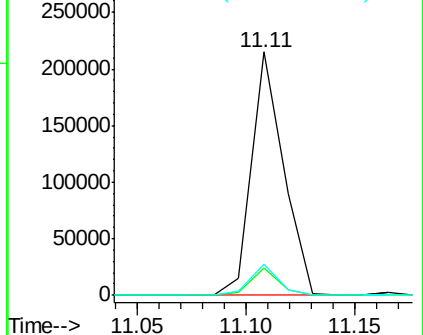
Tot Ion	Ratio	Resp	Lower	Upper
188	100	220114		
94	11.1	8.2	12.2	
80	12.8	9.5	14.3	

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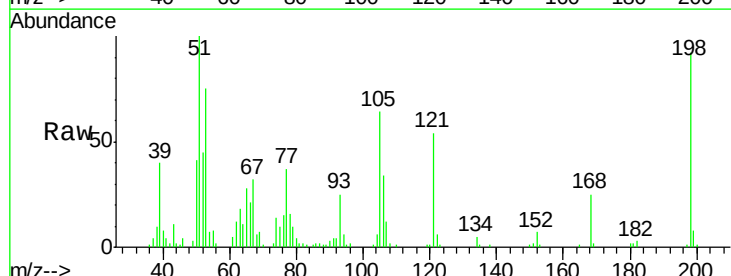


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

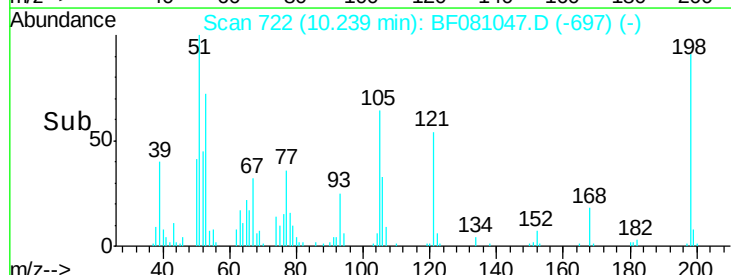
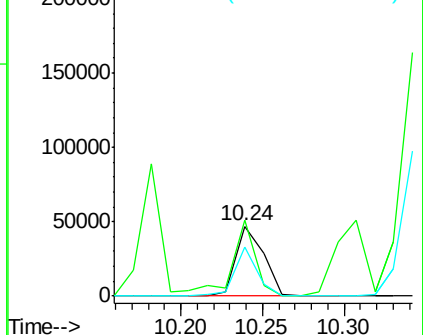


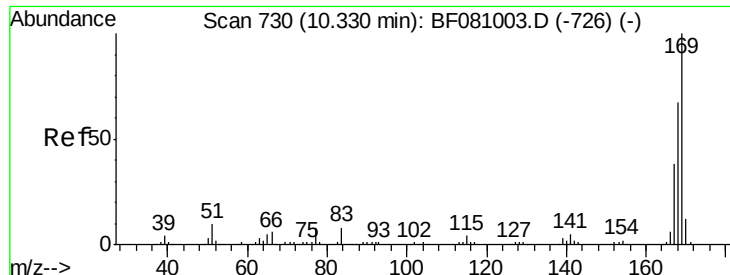
#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.34 ng
 RT: 10.24 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	54344		
51	108.9	79.7	119.7	
105	69.7	47.0	87.0	



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





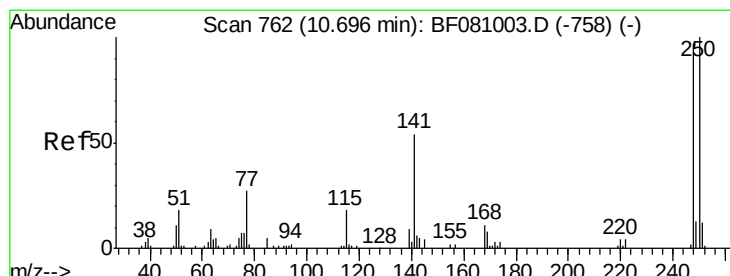
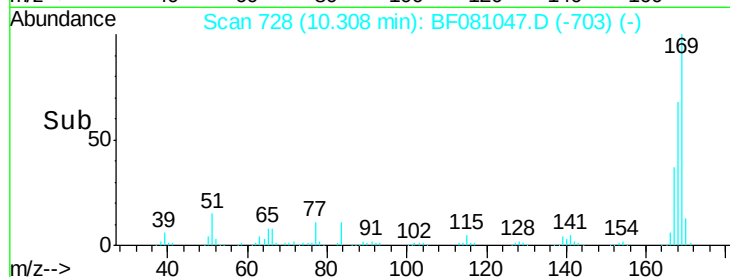
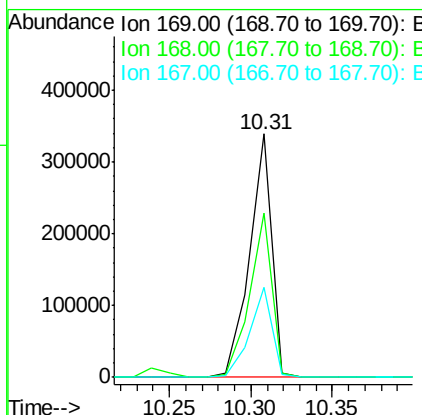
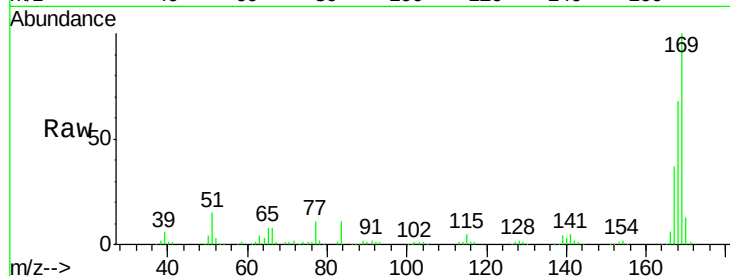
#65
 n-Nitrosodiphenylamine
 Concen: 40.71 ng
 RT: 10.31 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	319897		
168	67.7	55.3	82.9	
167	37.0	30.8	46.2	

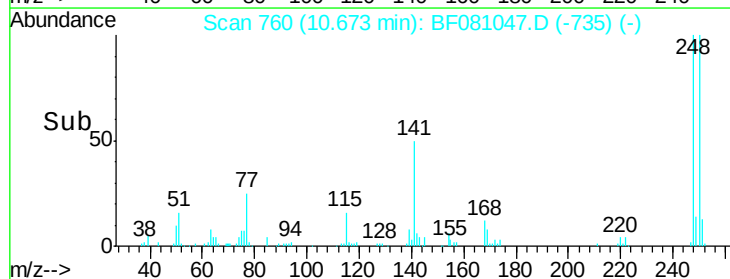
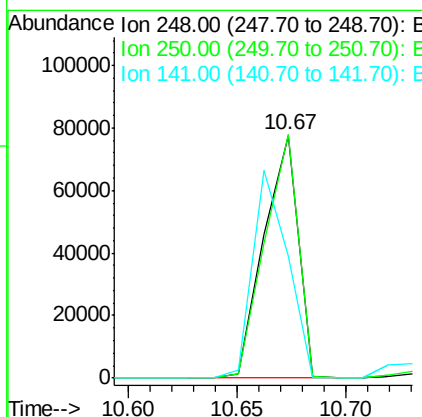
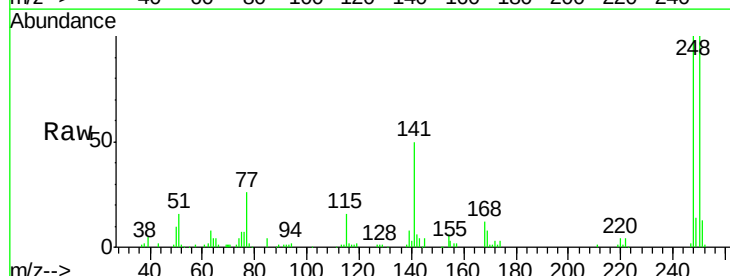
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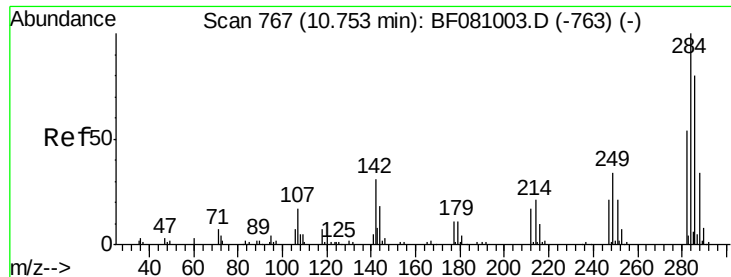
MMDadoda
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#66
 4-Bromophenyl-phenylether
 Concen: 39.74 ng
 RT: 10.67 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	85942		
250	100.5	77.8	116.6	
141	50.2	39.8	59.6	





#67

Hexachlorobenzene

Concen: 41.80 ng

RT: 10.73 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

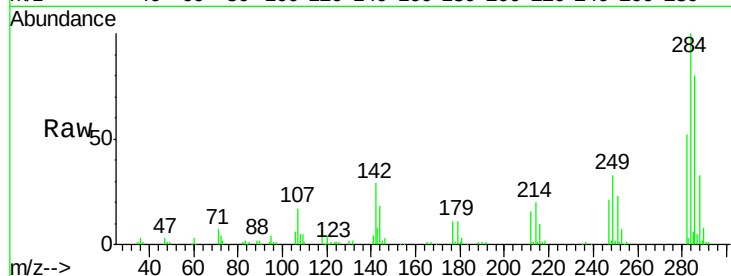
ClientSampled :

PB85031BS

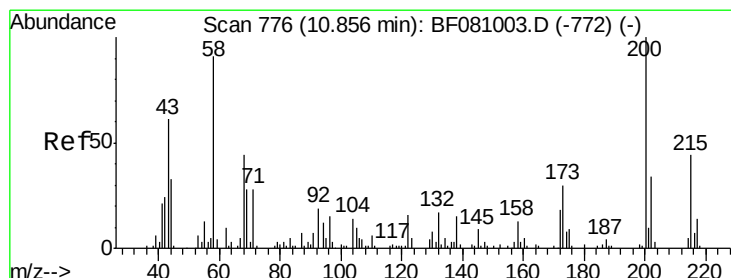
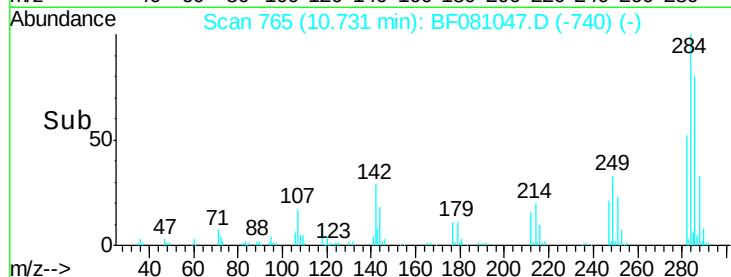
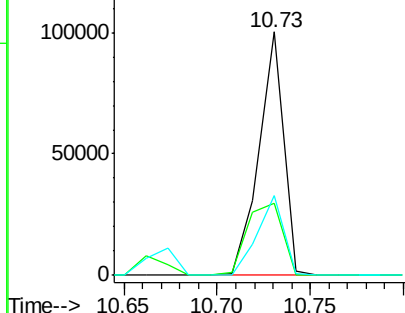
Tot Ion:	284	Resp:	91529
Ion Ratio	Lower	Upper	
284	100		
142	29.5	25.4	38.0
249	32.9	28.5	42.7

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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: 42.85 ng

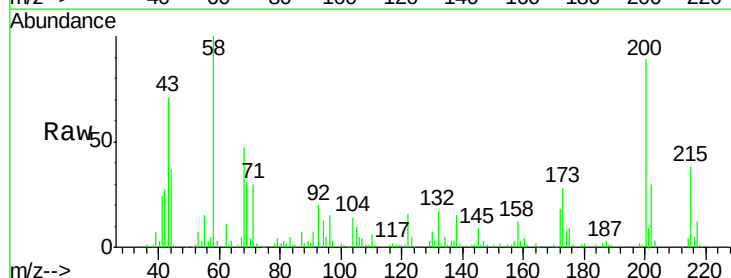
RT: 10.83 min Scan# 774

Delta R.T. -0.01 min

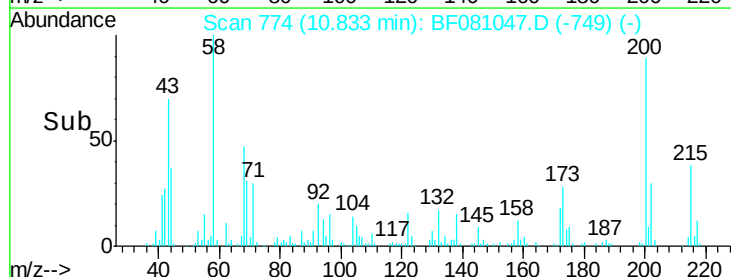
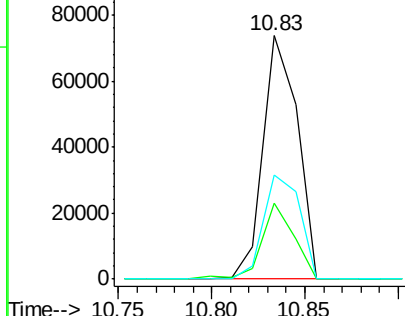
Lab File: BF081047.D

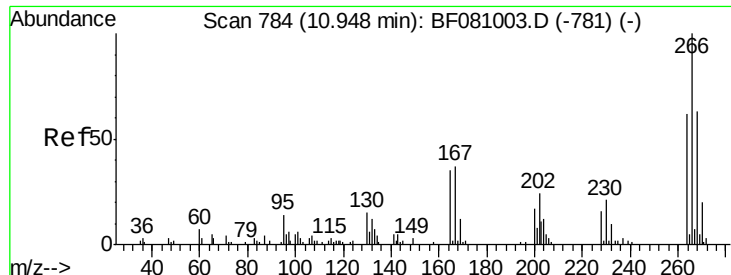
Acq: 18 Aug 2015 17:36

Tgt Ion:	200	Resp:	93795
Ion Ratio	Lower	Upper	
200	100		
173	31.1	8.1	48.1
215	42.9	23.3	63.3



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





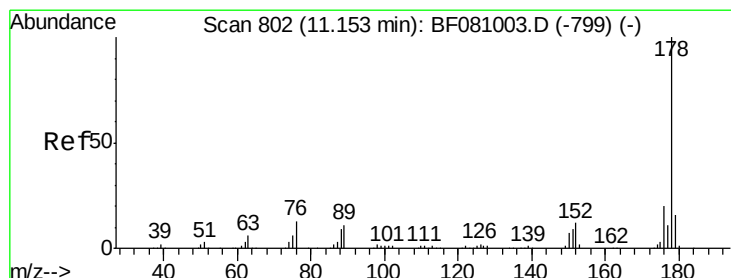
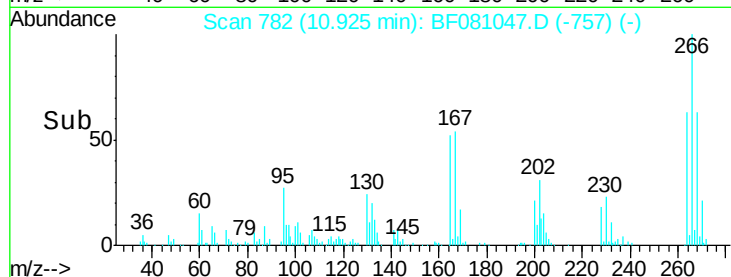
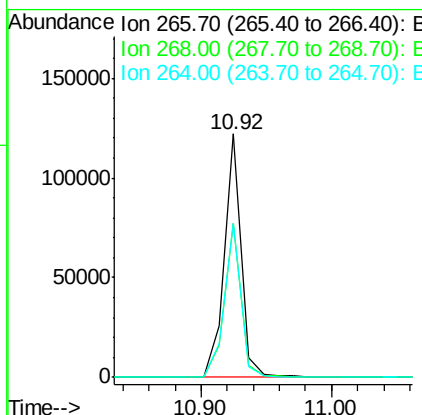
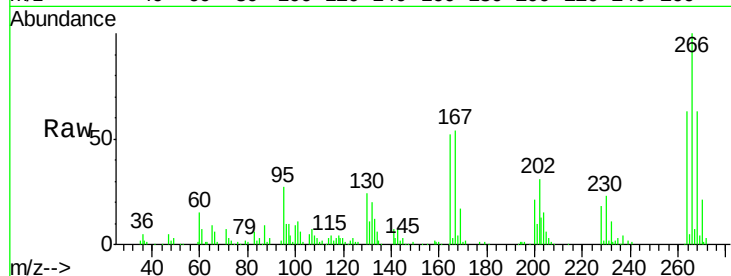
#69
 Pentachlorophenol
 Concen: 84.08 ng
 RT: 10.92 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	110481		
268	63.3	51.2	76.8	
264	63.1	50.6	75.8	

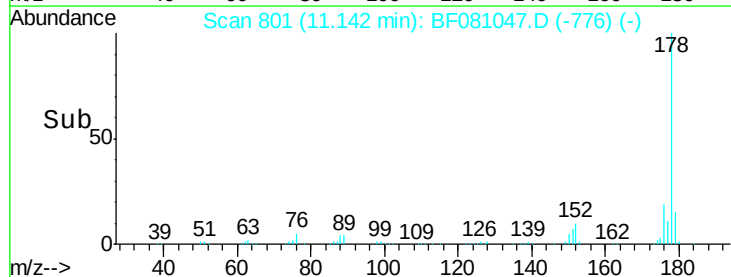
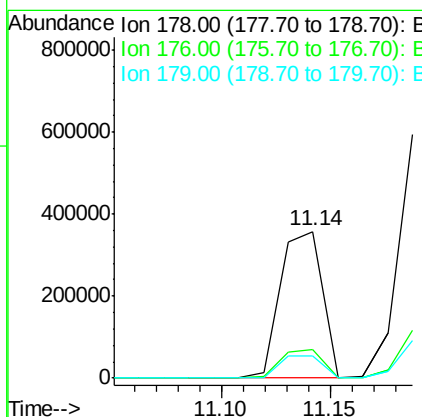
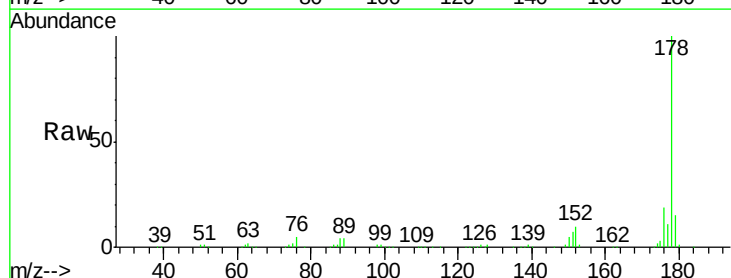
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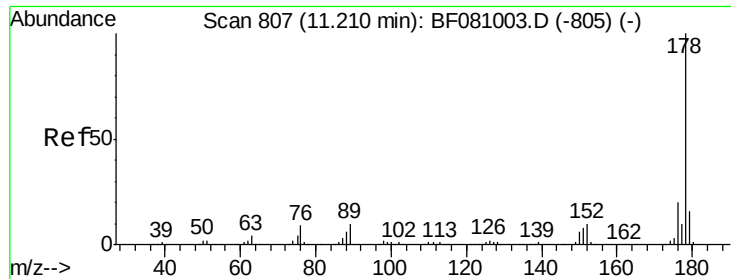
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#70
 Phenanthrene
 Concen: 37.09 ng
 RT: 11.14 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	483816		
176	19.2	15.7	23.5	
179	14.8	12.2	18.2	





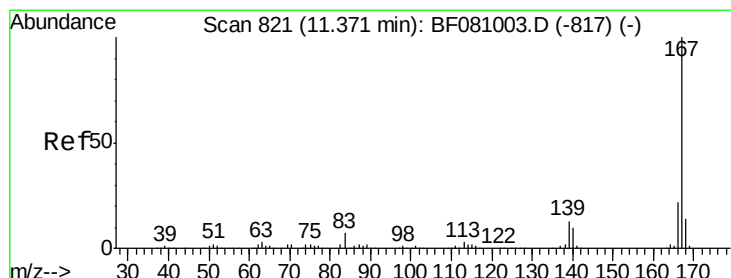
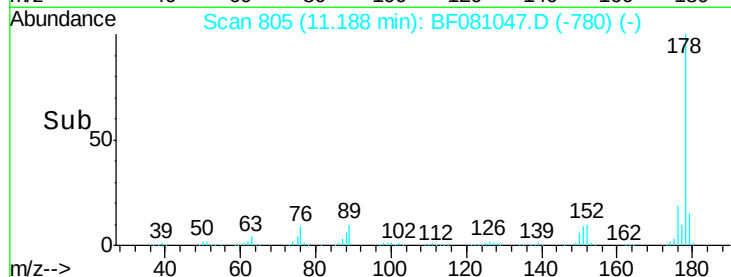
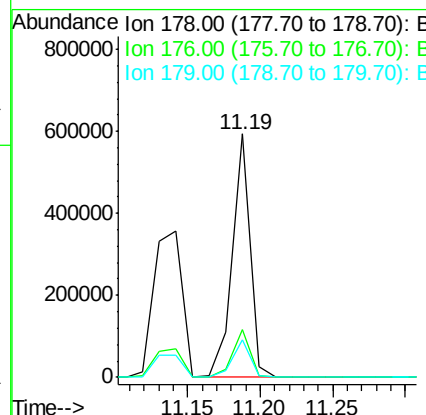
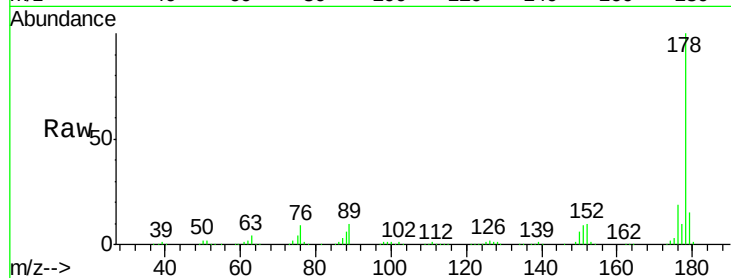
#71
 Anthracene
 Concen: 39.69 ng
 RT: 11.19 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.5	12.7	19.1

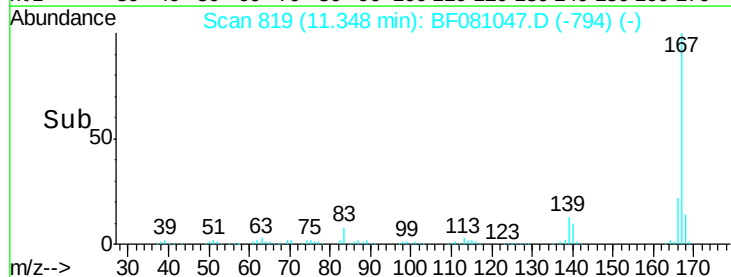
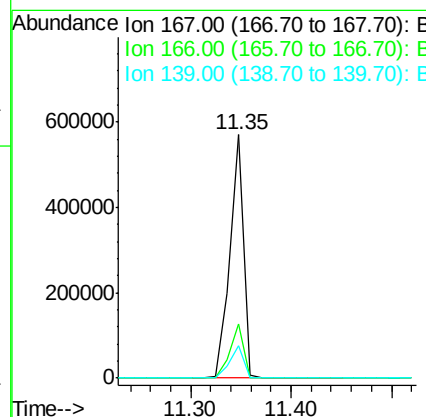
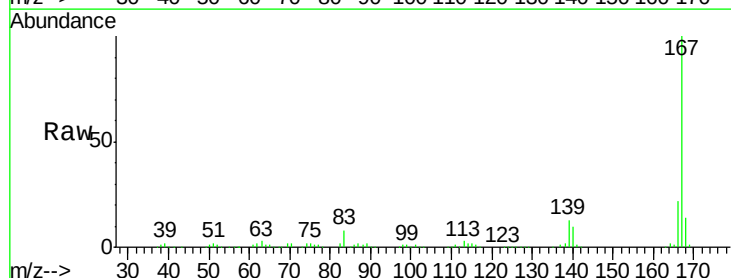
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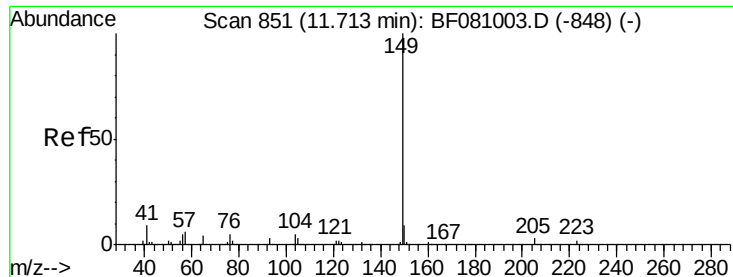
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#72
 Carbazole
 Concen: 44.13 ng
 RT: 11.35 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.5	10.6	16.0





#73

Di-n-butylphthalate

Concen: 42.99 ng

RT: 11.69 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

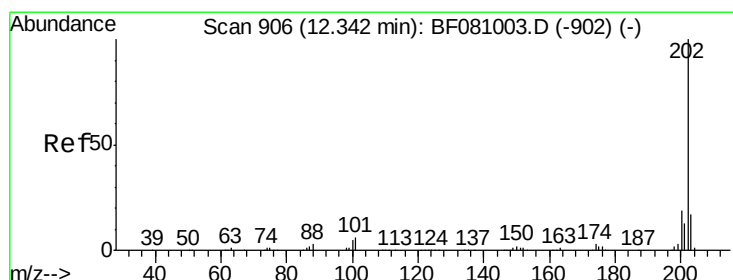
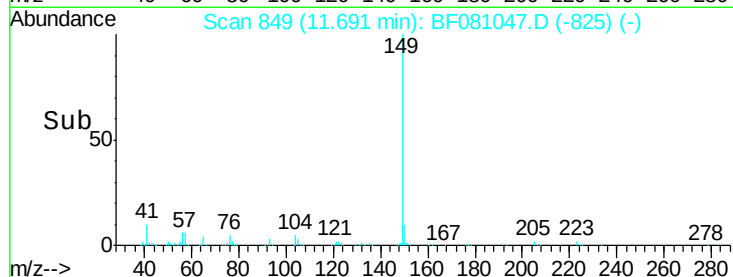
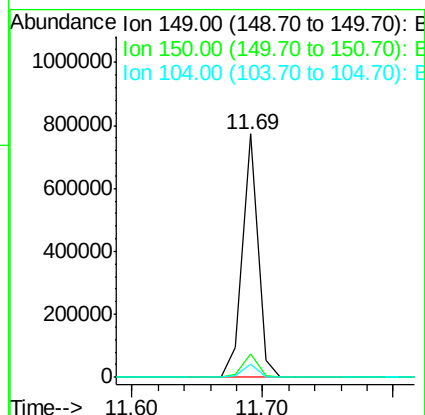
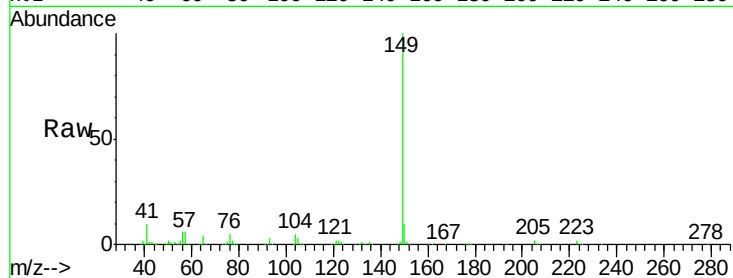
ClientSampleId :

PB85031BS

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Tot Ion:	149	Resp:	635704
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.4	3.9	5.9



#74

Fluoranthene

Concen: 40.37 ng

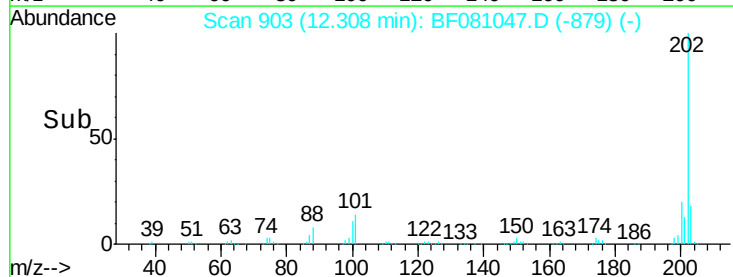
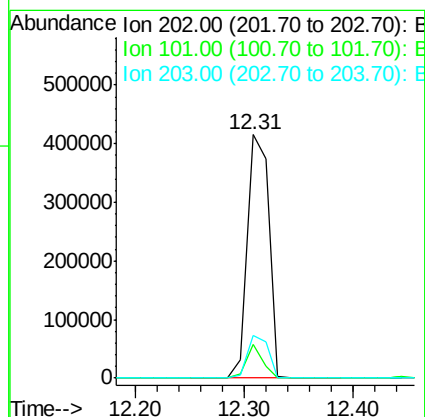
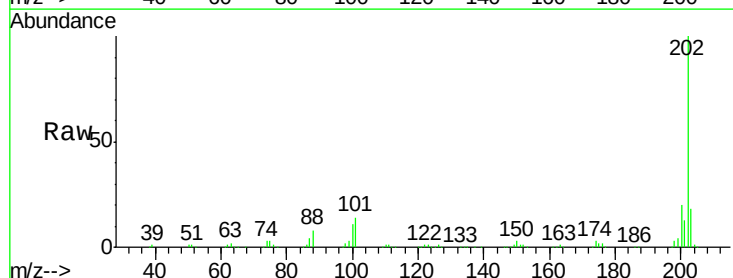
RT: 12.31 min Scan# 903

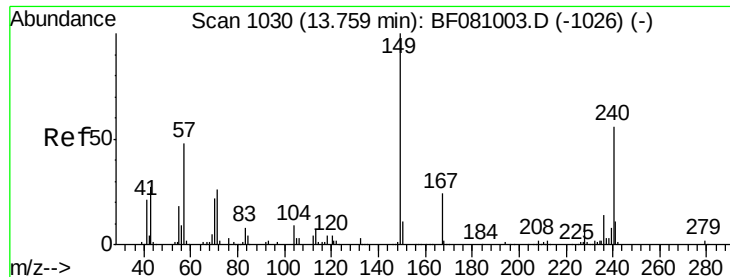
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	202	Resp:	568218
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	24.8
203	17.7	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

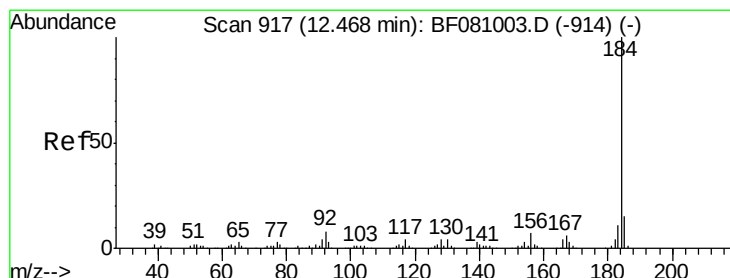
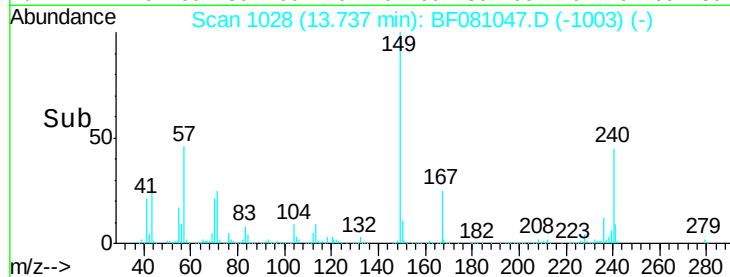
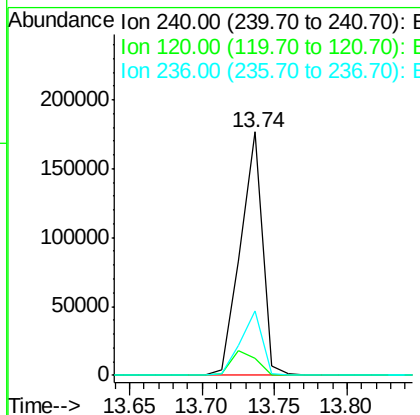
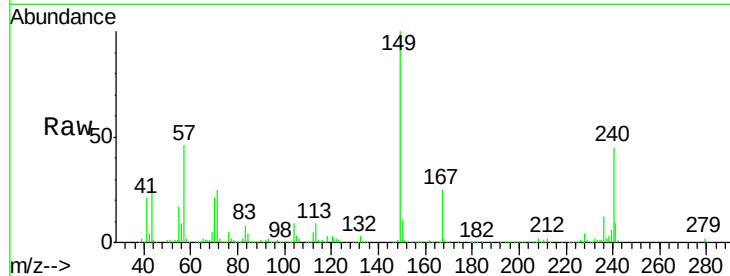
ClientSampleId :

PB85031BS

Tot Ion:	240	Resp:	185923
Ion Ratio	Lower	Upper	
240	100		
120	6.8	5.6	8.4
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 45.52 ng

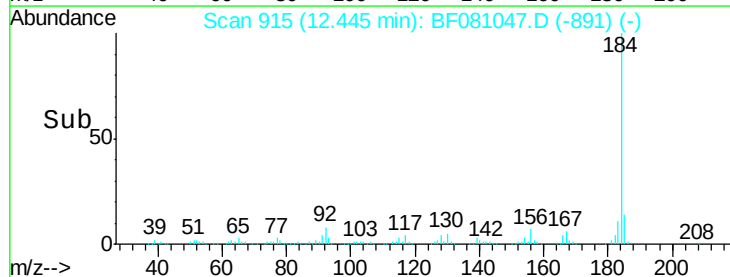
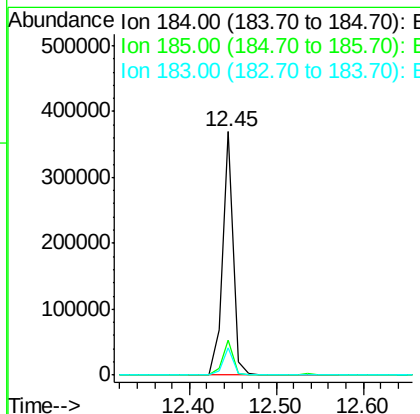
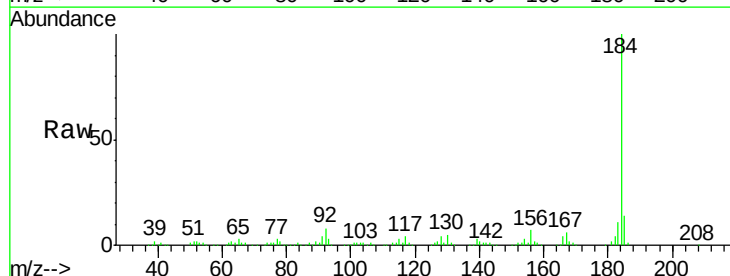
RT: 12.45 min Scan# 915

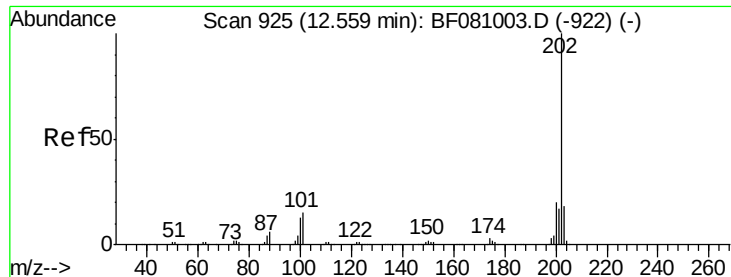
Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	184	Resp:	319721
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.0	8.9	13.3





#77

Pvrene

Concen: 34.79 ng

RT: 12.54 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

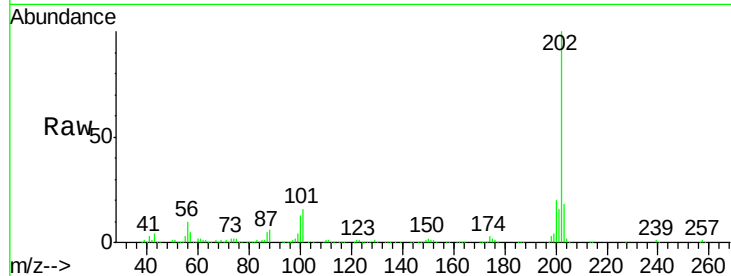
ClientSampleId :

PB85031BS

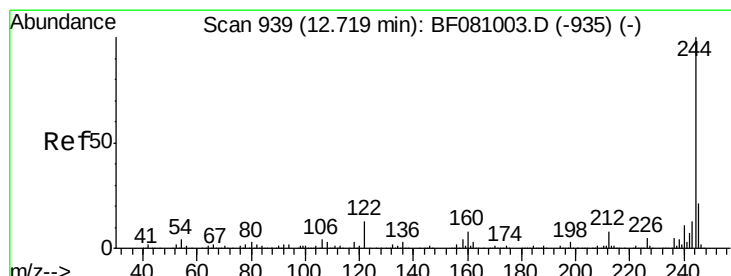
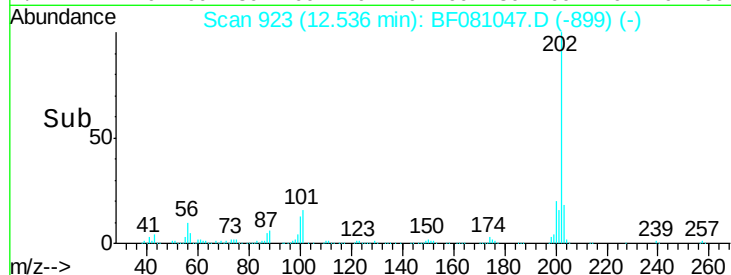
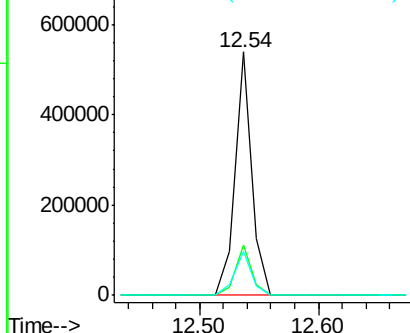
Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.5	16.6	24.8	
203	18.0	14.1	21.1	

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8/19/2015 2:17:55 PM



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



#78

Terphenyl-d14

Concen: 73.15 ng

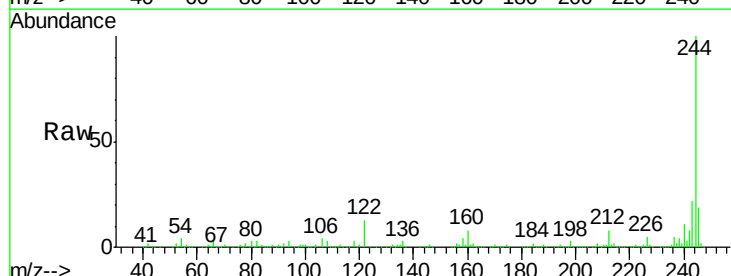
RT: 12.70 min Scan# 937

Delta R.T. -0.01 min

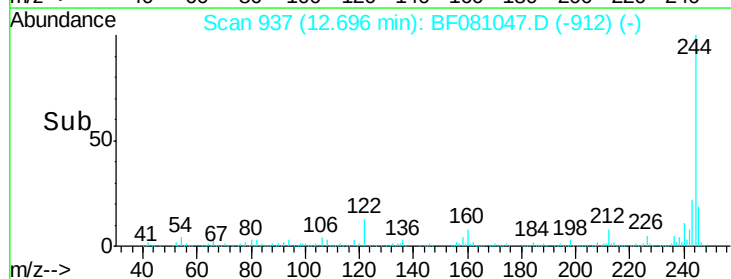
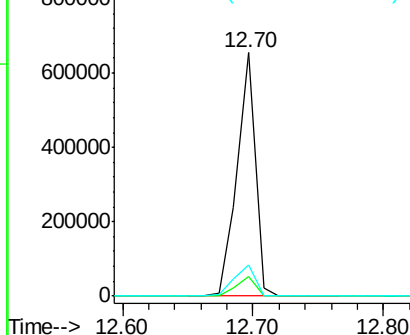
Lab File: BF081047.D

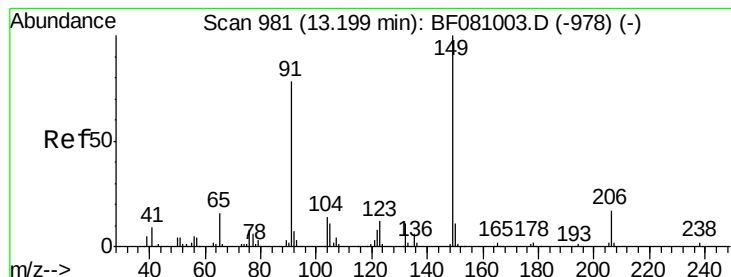
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.9	5.8	8.8	
122	12.8	8.2	12.4#	



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





#79

Butylbenzylphthalate

Concen: 46.81 ng

RT: 13.18 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

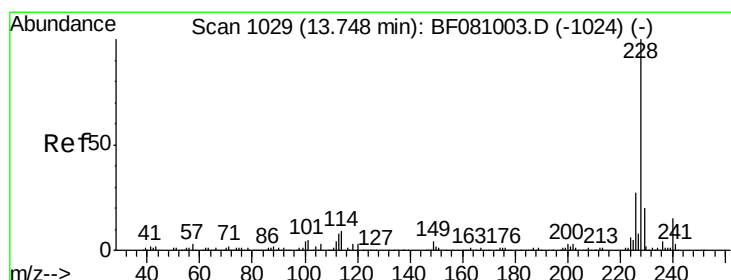
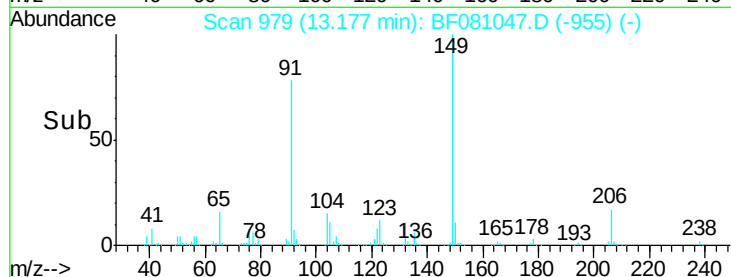
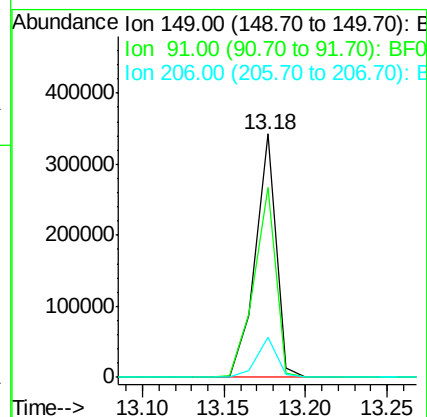
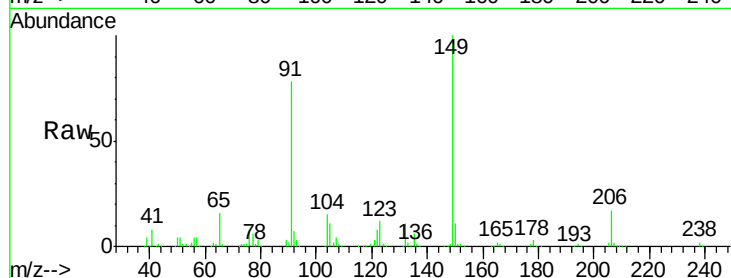
ClientSampleId :

PB85031BS

Tot Ion:	149	Resp:	304138
Ion Ratio	Lower	Upper	
149	100		
91	77.8	46.9	70.3#
206	16.6	17.0	25.4#

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#80

Benzo(a)anthracene

Concen: 41.01 ng

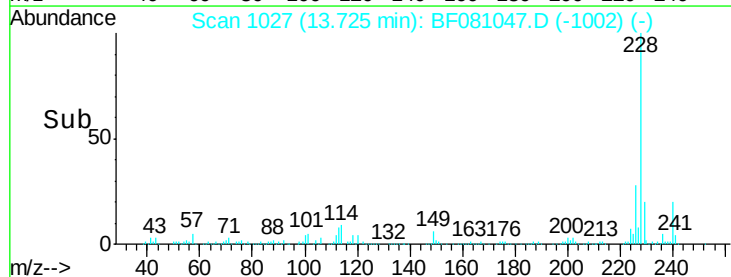
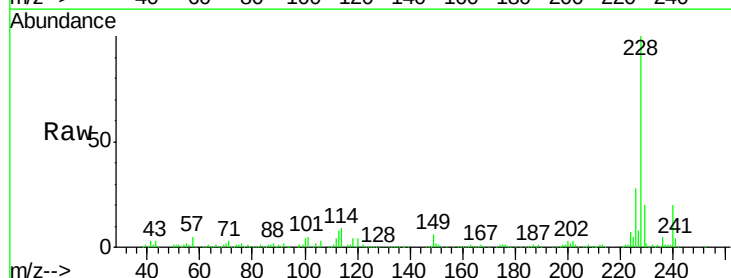
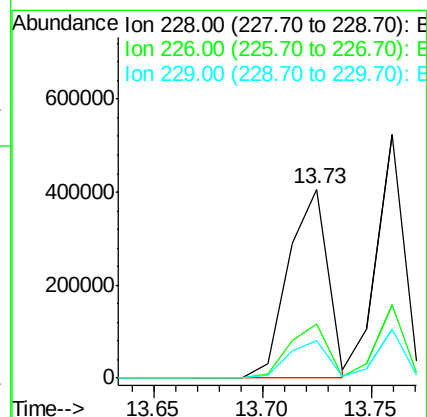
RT: 13.73 min Scan# 1027

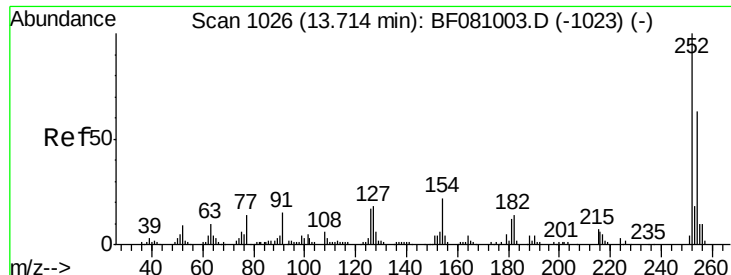
Delta R.T. -0.01 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:	228	Resp:	511322
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.3	33.5
229	19.8	15.9	23.9





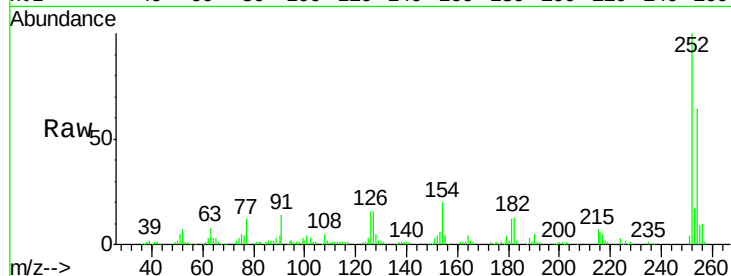
#81
 3,3'-Dichlorobenzidine
 Concen: 24.50 ng
 RT: 13.69 min Scan# 1024
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

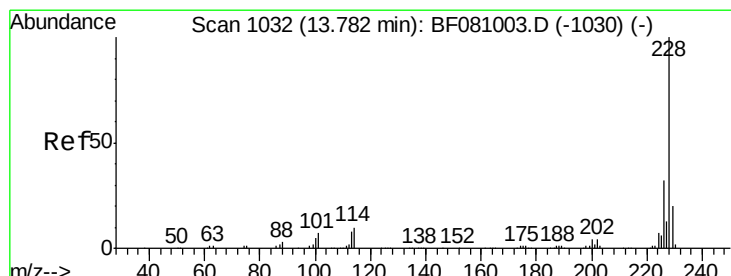
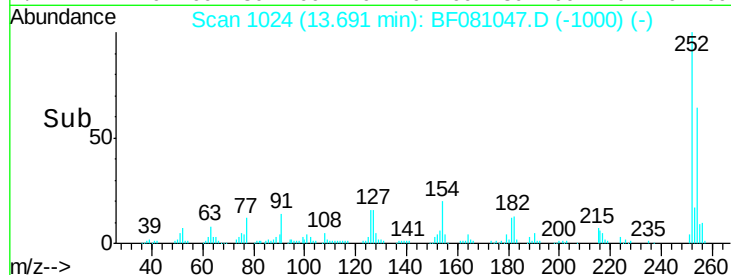
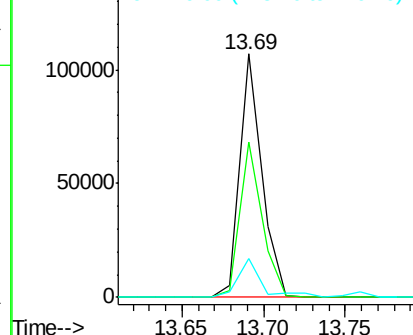
Tot Ion:	252	Resp:	98966
Ion Ratio	Lower	Upper	
252	100		
254	63.8	51.5	77.3
126	16.0	12.5	18.7

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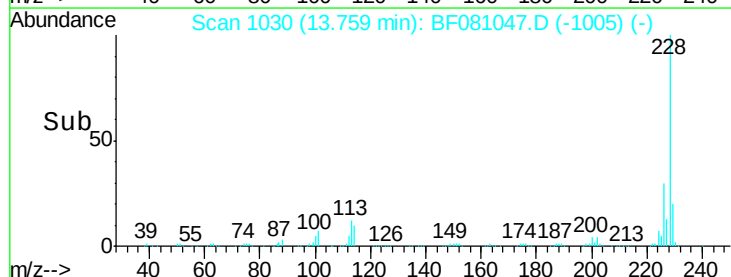
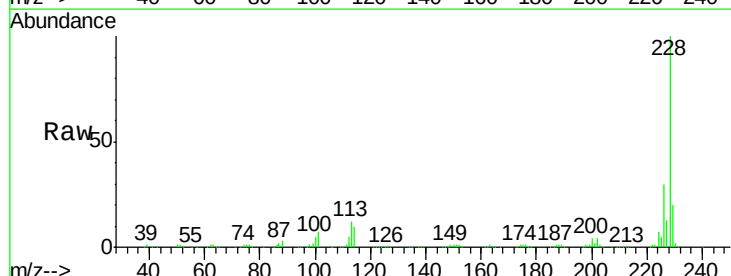
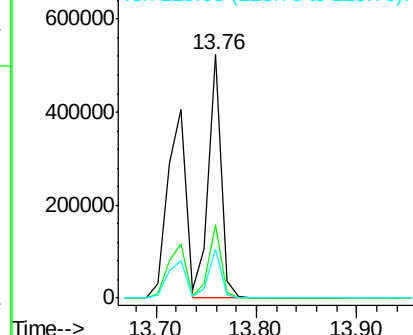
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

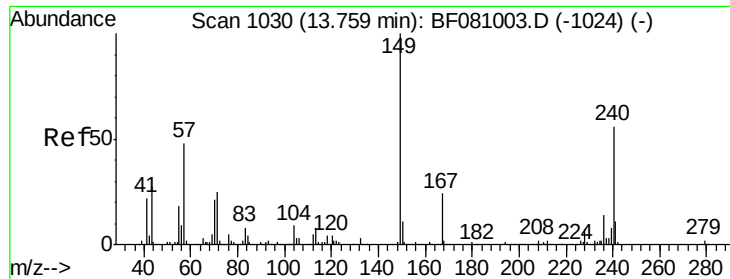


#82
 Chrysene
 Concen: 41.03 ng
 RT: 13.76 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Tgt Ion:	228	Resp:	461054
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	20.2	16.0	24.0

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.68 ng

RT: 13.74 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Instrument :

BNA_F

ClientSampleId :

PB85031BS

Tot Ion:149 Resp: 396808

Ion Ratio Lower Upper

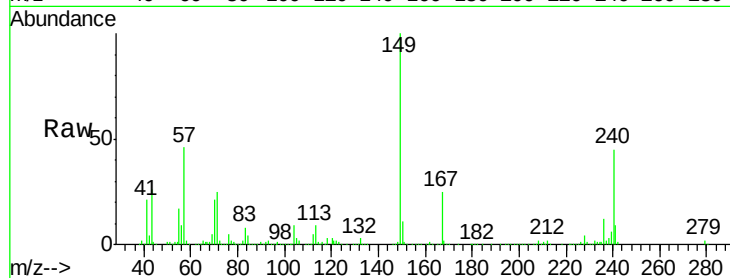
149 100

167 24.6 20.7 31.1

279 1.6 2.2 3.4#

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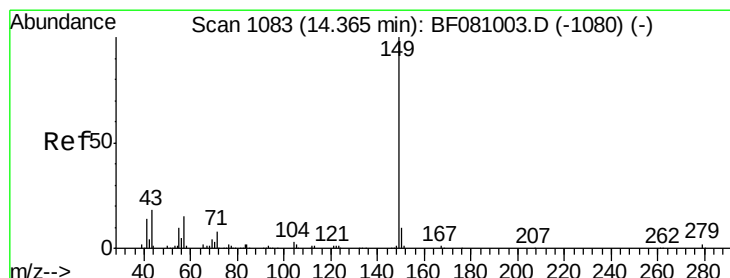
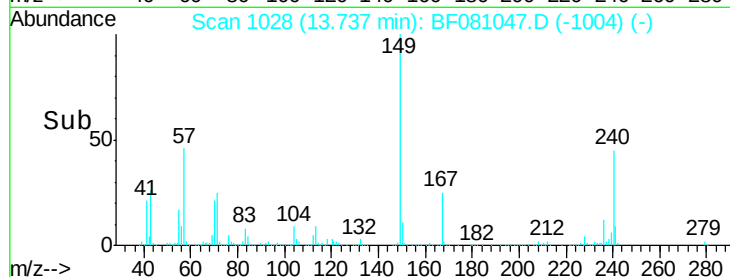
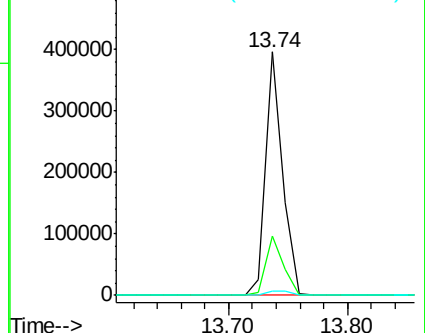
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.70 ng

RT: 14.34 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF081047.D

Acq: 18 Aug 2015 17:36

Tgt Ion:149 Resp: 704516

Ion Ratio Lower Upper

149 100

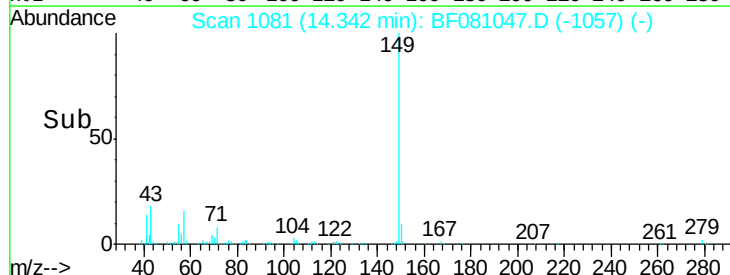
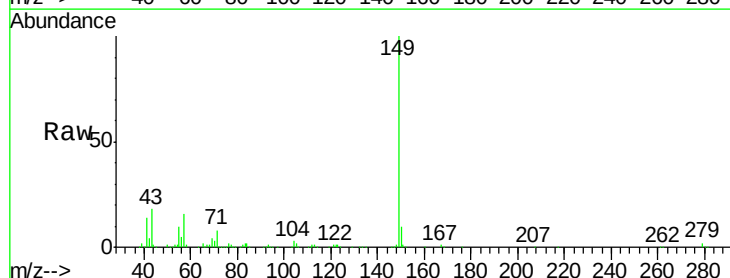
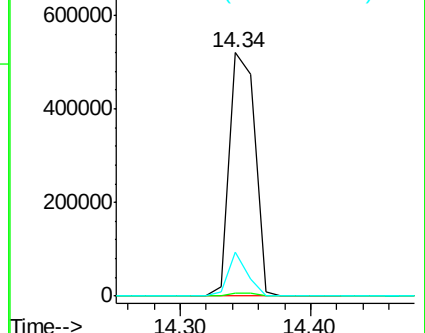
167 1.5 1.1 1.7

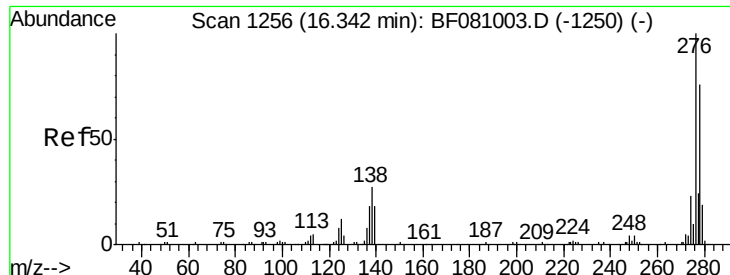
43 13.5 11.6 17.4

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





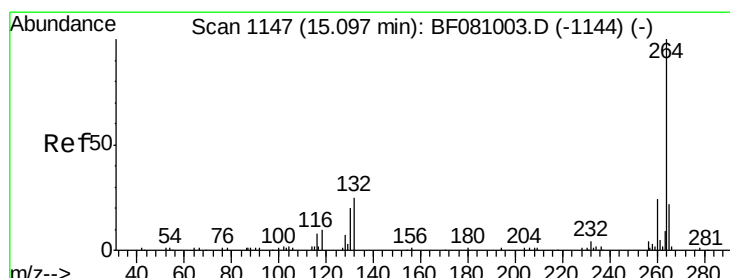
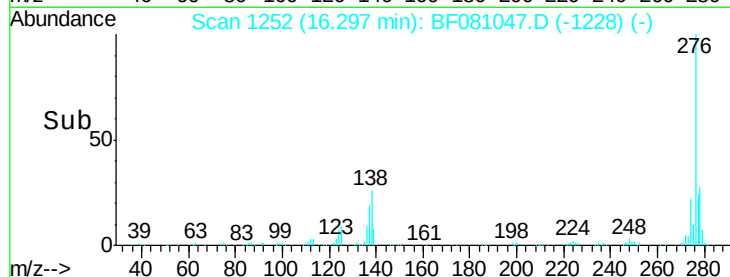
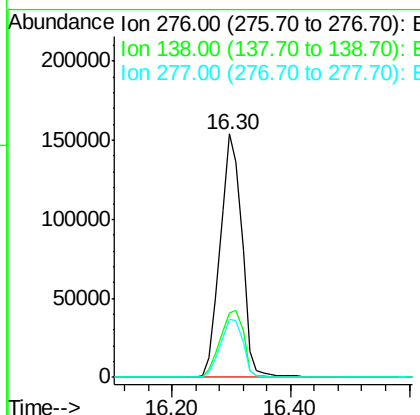
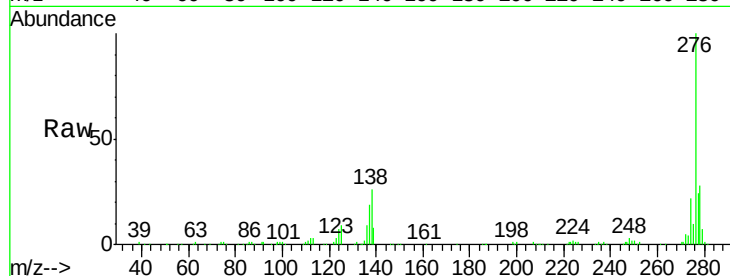
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.75 ng
RT: 16.30 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	392490		
138	29.5	18.6	28.0	
277	24.8	19.8	29.8	

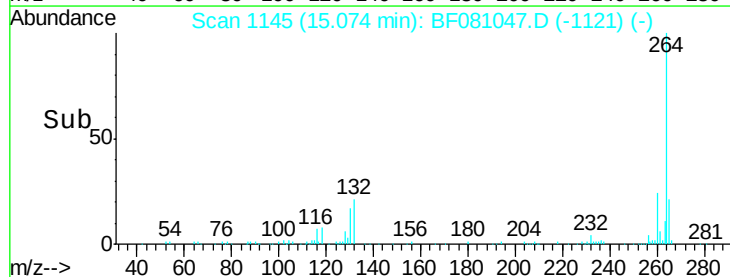
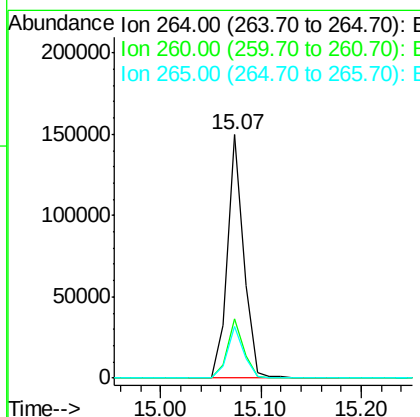
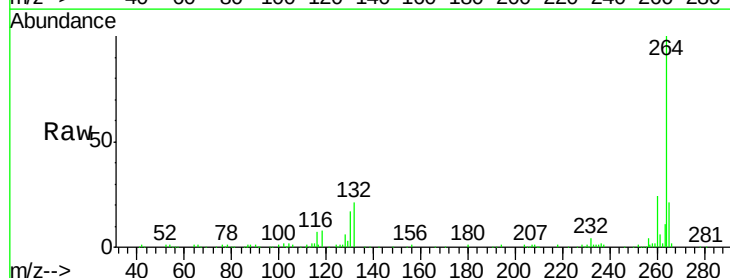
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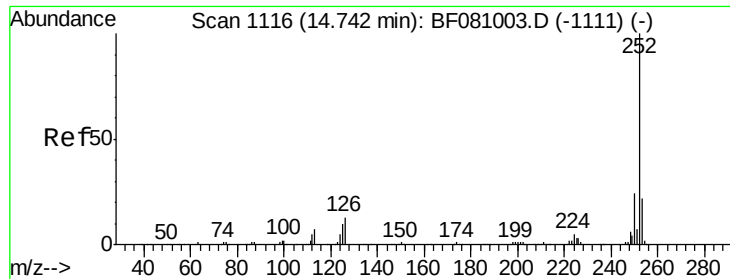
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	169156		
260	24.4	19.6	29.4	
265	21.4	17.5	26.3	





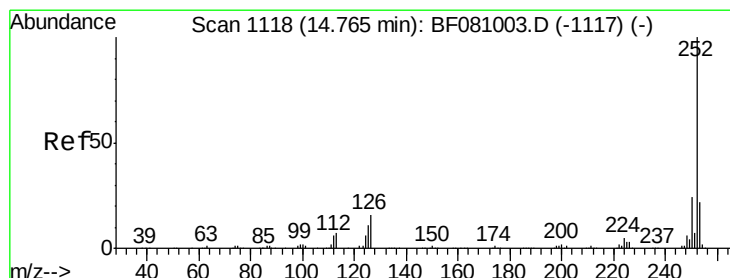
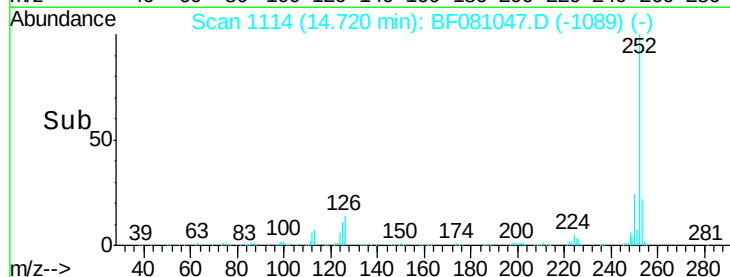
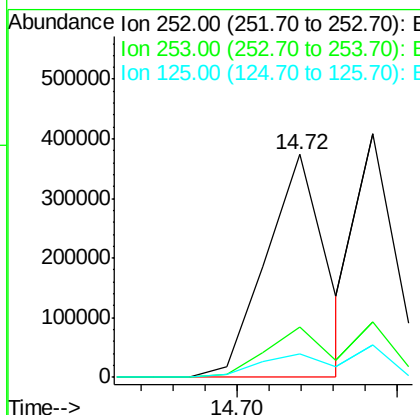
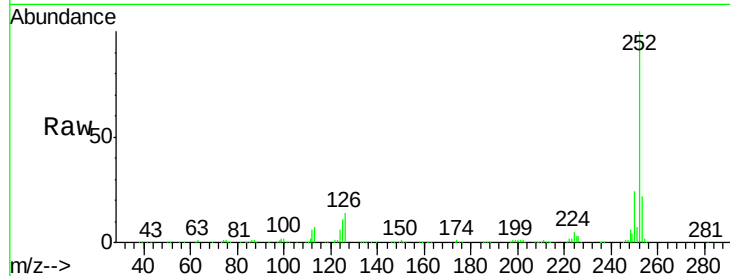
#87
Benzo(b)fluoranthene
Concen: 40.95 ng m
RT: 14.72 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampled :
PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	489993		
253	22.4		17.1	25.7
125	10.7		8.0	12.0

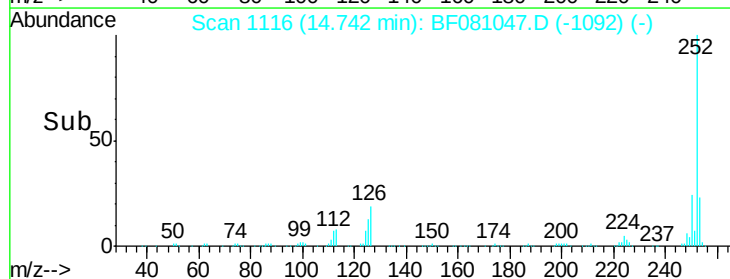
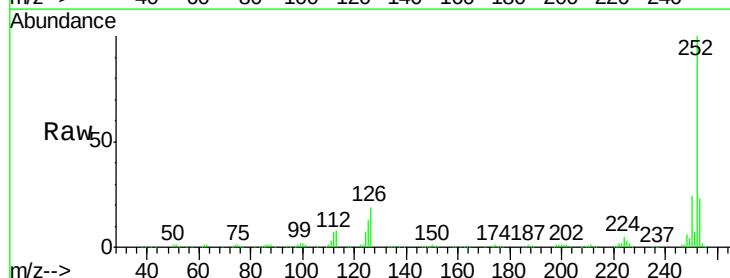
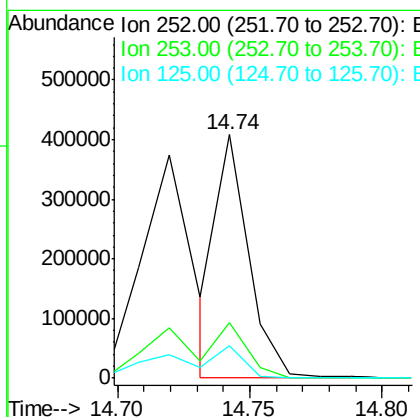
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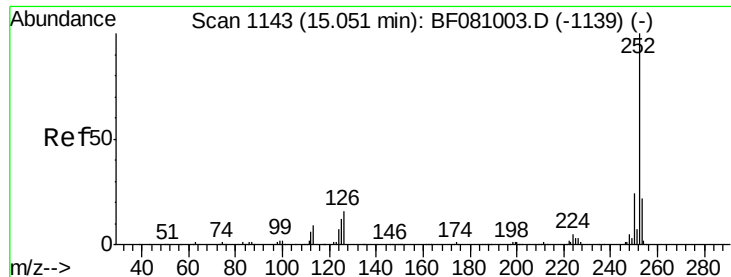
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#88
Benzo(k)fluoranthene
Concen: 31.49 ng m
RT: 14.74 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	351080		
253	22.6		17.6	26.4
125	13.2		10.3	15.5





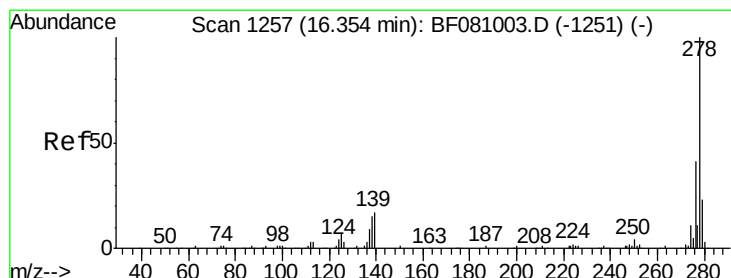
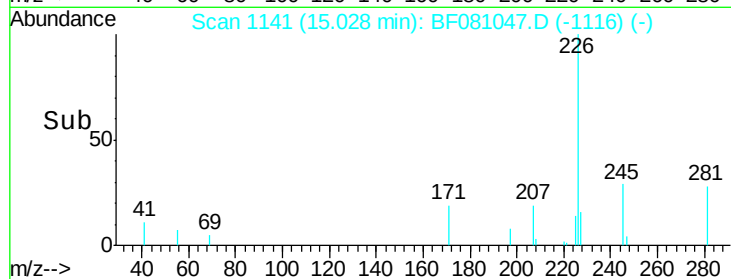
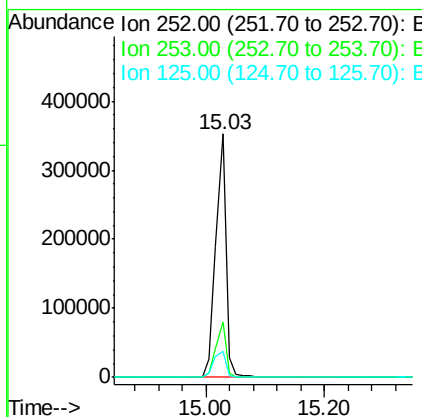
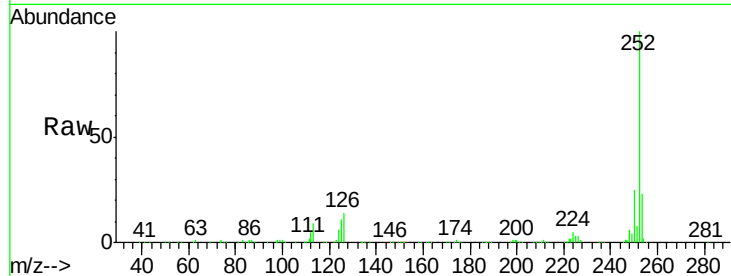
#89
Benzo(a)pyrene
Concen: 40.49 ng
RT: 15.03 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Instrument :
BNA_F
ClientSampleId :
PB85031BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	16.6	25.0
125	10.6	7.8	11.8

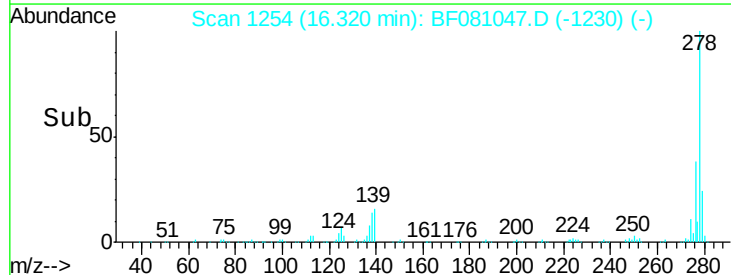
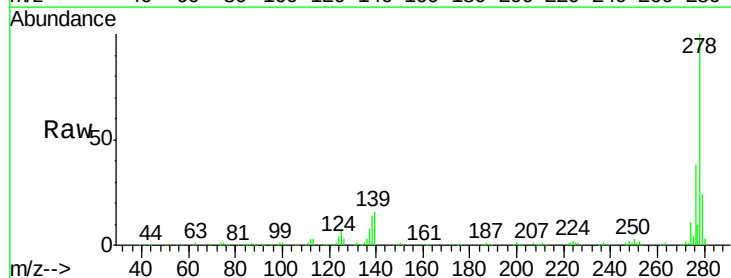
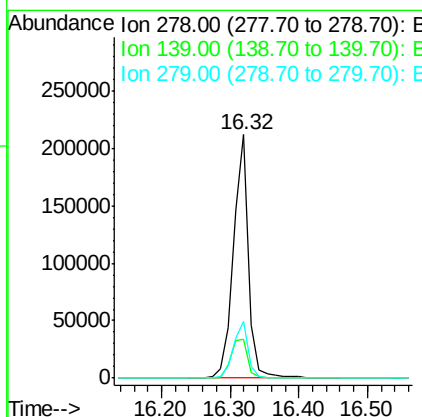
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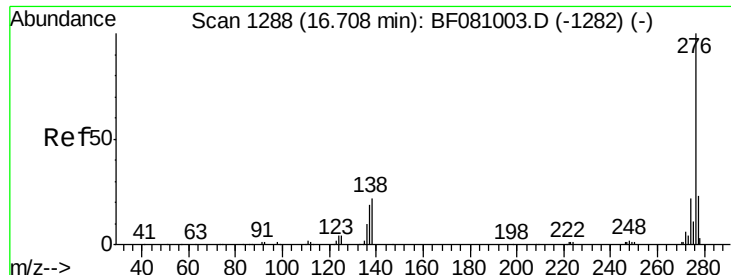
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#90
Dibenzo(a,h)anthracene
Concen: 40.35 ng
RT: 16.32 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF081047.D
Acq: 18 Aug 2015 17:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	10.8	16.2
279	23.5	19.0	28.6





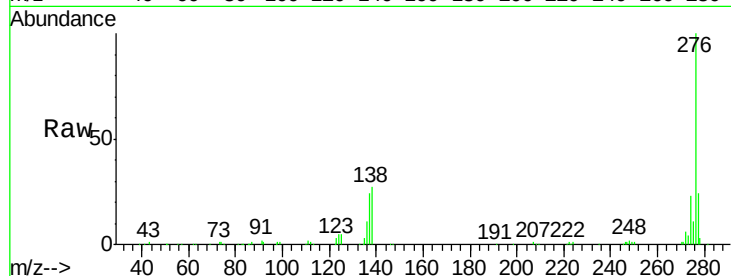
#91
 Benzo(a,h,i)perylene
 Concen: 38.01 ng
 RT: 16.66 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF081047.D
 Acq: 18 Aug 2015 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB85031BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.3	18.2	27.2	
138	27.1	13.7	20.5	

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

