

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081128.D
 Acq On : 20 Aug 2015 17:03
 Operator : UM/IZ
 Sample : PB85099BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Manual Integrations
 APPROVED

MMDadoda
 8/21/2015 2:03:30 PM

Quant Time: Aug 21 01:55:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	68804	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	283532	20.00	ng	-0.01
38) Acenaphthene-d10	9.61	164	136843	20.00	ng	-0.01
63) Phenanthrene-d10	11.08	188	261961	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	207624	20.00	ng	0.00
86) Perylene-d12	15.03	264	156091	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	232837	50.90	ng	0.00
7) Phenol-d6	6.22	99	315747	52.90	ng	-0.01
23) Nitrobenzene-d5	7.14	82	293594	47.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	54891	46.27	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	480710	46.03	ng	-0.02
78) Terphenyl-d14	12.67	244	503772	52.02	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.06	88	46911	21.76	ng	97
3) Pyridine	2.68	79	152076	25.00	ng	85
4) n-Nitrosodimethylamine	2.63	42	80844	23.87	ng	# 75
6) Aniline	6.23	93	129272	14.90	ng	# 18
8) 2-Chlorophenol	6.36	128	141613	28.28	ng	94
9) Benzaldehyde	6.12	77	46298	12.03	ng	86
10) Phenol	6.23	94	167072	23.70	ng	89
11) bis(2-Chloroethyl)ether	6.32	93	146925	27.16	ng	98
12) 1,3-Dichlorobenzene	6.52	146	134232	24.95	ng	96
13) 1,4-Dichlorobenzene	6.60	146	138084	25.92	ng	98
14) 1,2-Dichlorobenzene	6.74	146	136337	27.34	ng	96
15) Benzyl Alcohol	6.73	79	137825	28.54	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.87	45	274384	25.82	ng	100
17) 2-Methylphenol	6.85	107	108423	25.24	ng	96
18) Hexachloroethane	7.09	117	56616	26.30	ng	97
19) n-Nitroso-di-n-propylamine	7.01	70	114785	27.76	ng	90
20) 3+4-Methylphenols	7.01	107	145427	26.67	ng	# 47
22) Acetophenone	7.00	105	204636	27.49	ng	# 88
24) Nitrobenzene	7.17	77	171604	26.44	ng	93
25) Isophorone	7.41	82	283541	24.50	ng	99
26) 2-Nitrophenol	7.49	139	71725	26.58	ng	# 63
27) 2,4-Dimethylphenol	7.53	122	118108	24.74	ng	95
28) bis(2-Chloroethoxy)methane	7.62	93	167707	24.53	ng	99
29) 2,4-Dichlorophenol	7.73	162	113659	28.28	ng	93
30) 1,2,4-Trichlorobenzene	7.81	180	112308	25.14	ng	99
31) Naphthalene	7.89	128	405641	25.67	ng	99
32) Benzoic acid	7.66	122	77256	28.77	ng	98
33) 4-Chloroaniline	7.94	127	78578	11.78	ng	# 84
34) Hexachlorobutadiene	8.01	225	66752	26.42	ng	98
35) Caprolactam	8.31	113	36129m	25.72	ng	
36) 4-Chloro-3-methylphenol	8.44	107	137449	28.69	ng	96
37) 2-Methylnaphthalene	8.57	142	248130	24.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	112415	25.46	ng	98
40) Hexachlorocyclopentadiene	8.73	237	121840	53.32	ng	99

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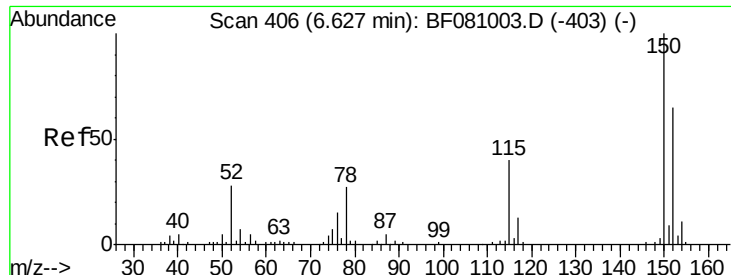
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	81806	26.23	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	76625	24.58	nq #	94
45) 1,1'-Biphenyl	9.04	154	334257	27.73	nq	98
46) 2-Chloronaphthalene	9.06	162	239913	24.78	nq	100
47) 2-Nitroaniline	9.16	65	95220	24.03	nq	99
48) Acenaphthylene	9.48	152	398174	22.99	nq	99
49) Dimethylphthalate	9.35	163	272815	24.21	nq	100
50) 2,6-Dinitrotoluene	9.41	165	59925	24.77	nq #	77
51) Acenaphthene	9.65	154	241249	23.26	nq	99
52) 3-Nitroaniline	9.57	138	43636	14.41	nq	99
53) 2,4-Dinitrophenol	9.68	184	65660	53.05	nq #	65
54) Dibenzofuran	9.82	168	360760	25.96	nq	100
55) 4-Nitrophenol	9.75	139	114581	53.88	nq #	64
56) 2,4-Dinitrotoluene	9.81	165	80636	25.14	nq #	77
57) Fluorene	10.15	166	251301	23.51	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	60998m	25.28	nq	
59) Diethylphthalate	10.05	149	305242	25.59	nq	98
60) 4-Chlorophenyl-phenylether	10.15	204	110823	24.50	nq	93
61) 4-Nitroaniline	10.18	138	76068	24.58	nq	84
62) Azobenzene	10.31	77	357597	26.02	nq	96
64) 4,6-Dinitro-2-methylphenol	10.21	198	38377	24.53	nq	91
65) n-Nitrosodiphenylamine	10.28	169	257589	27.55	nq	98
66) 4-Bromophenyl-phenylether	10.64	248	72008	27.98	nq #	92
67) Hexachlorobenzene	10.70	284	75588	29.00	nq	97
68) Atrazine	10.80	200	77273	29.66	nq	97
69) Pentachlorophenol	10.89	266	78833	50.41	nq	98
70) Phenanthrene	11.11	178	401406	25.86	nq	100
71) Anthracene	11.16	178	399702	26.46	nq	99
72) Carbazole	11.32	167	413123	28.40	nq	99
73) Di-n-butylphthalate	11.66	149	466998	26.53	nq	98
74) Fluoranthene	12.28	202	436626	26.06	nq	93
76) Benzidine	12.41	184	177812	22.67	nq	97
77) Pyrene	12.51	202	431846	25.59	nq	100
79) Butylbenzylphthalate	13.15	149	215172	29.66	nq #	75
80) Benzo(a)anthracene	13.69	228	378456	27.18	nq	98
81) 3,3'-Dichlorobenzidine	13.66	252	74807	16.59	nq	99
82) Chrysene	13.73	228	374314	29.83	nq	100
83) Bis(2-ethylhexyl)phthalate	13.71	149	287067	30.89	nq #	95
84) Di-n-octyl phthalate	14.32	149	474037	33.56	nq	97
85) Indeno(1,2,3-cd)pyrene	16.24	276	223544	25.37	nq #	93
87) Benzo(b)fluoranthene	14.68	252	368122m	33.34	nq	
88) Benzo(k)fluoranthene	14.71	252	211458m	20.55	nq	
89) Benzo(a)pyrene	14.99	252	262185	27.25	nq	97
90) Dibenzo(a,h)anthracene	16.25	278	190813	25.46	nq #	96
91) Benzo(g,h,i)perylene	16.60	276	187623	24.67	nq #	90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

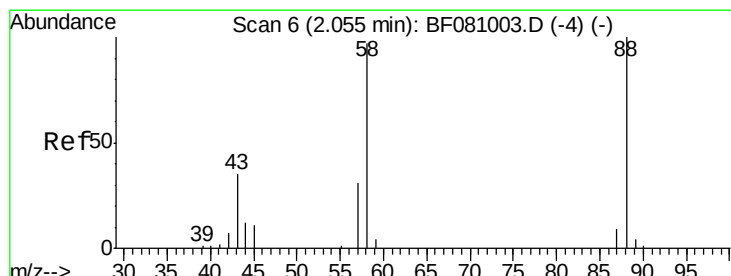
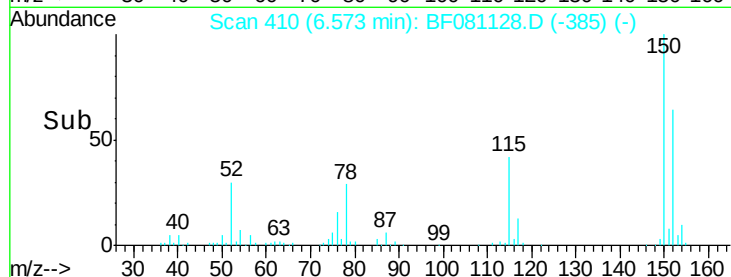
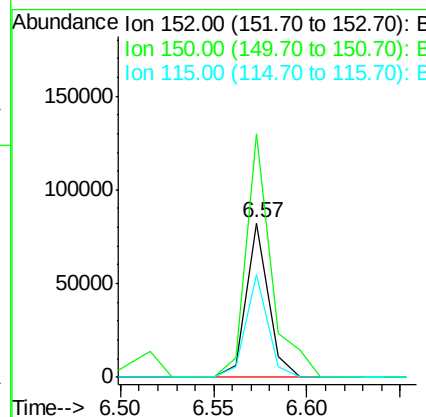
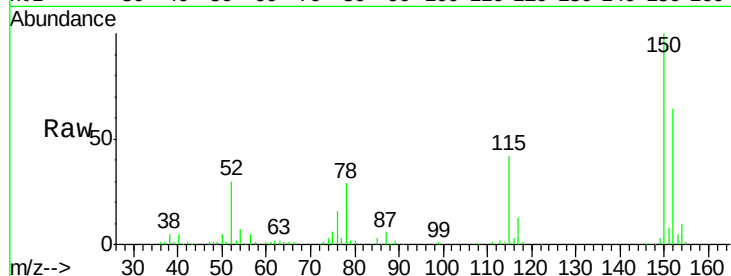
ClientSampleId :

PB85099BS

Manual Integrations
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8/21/2015 2:03:30 PM

Tot Ion:	152	Resp:	68804
Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	66.6	52.1	78.1



#2

1,4-Dioxane

Concen: 21.76 ng

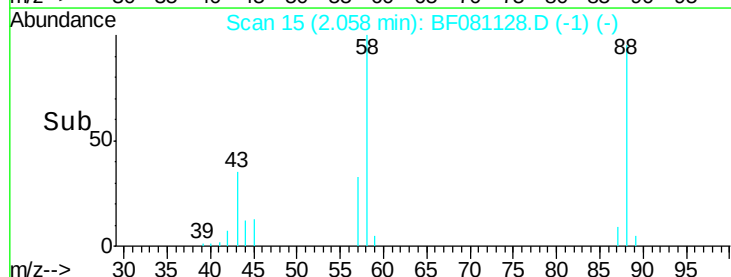
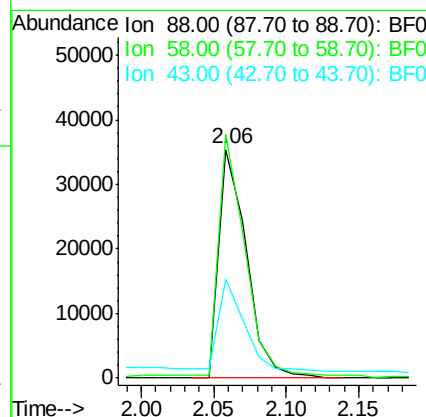
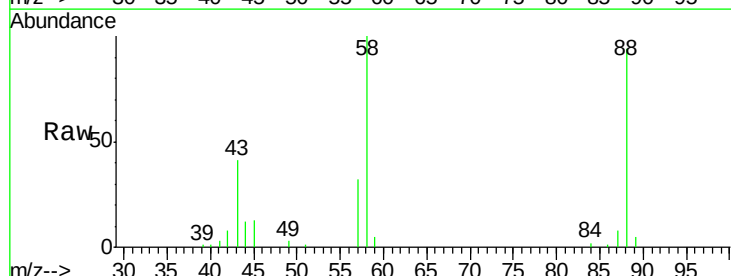
RT: 2.06 min Scan# 15

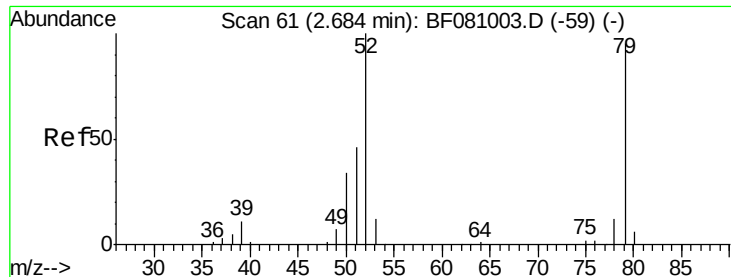
Delta R.T. 0.06 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	88	Resp:	46911
Ion	Ratio	Lower	Upper
88	100		
58	104.8	83.7	125.5
43	40.1	37.5	56.3





#3

Pvridine

Concen: 25.00 ng

RT: 2.68 min Scan# 69

Delta R.T. 0.05 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

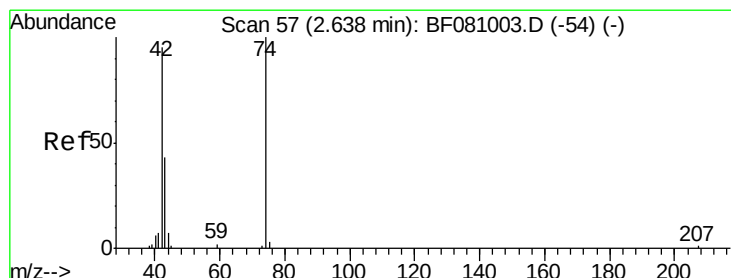
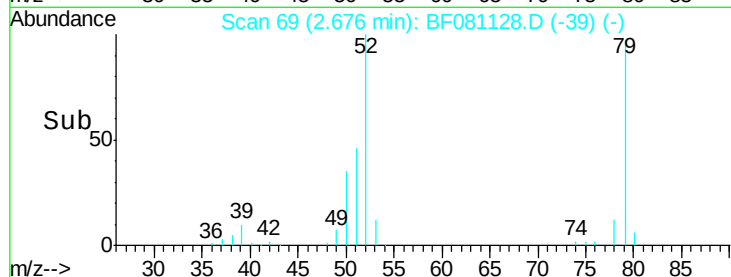
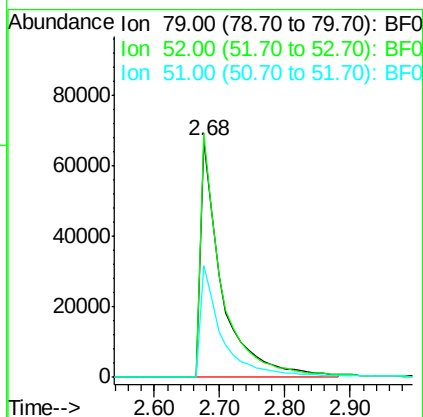
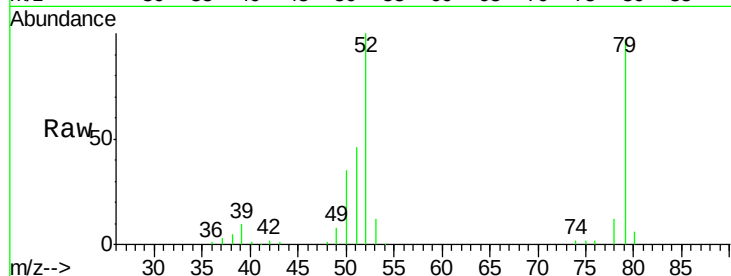
ClientSampleId :

PB85099BS

Manual Integrations
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MMDadoda
8/21/2015 2:03:30 PM

Tot Ion:	79	Resp:	152076
Ion	Ratio	Lower	Upper
79	100		
52	102.9	95.1	142.7
51	47.2	46.6	70.0



#4

n-Nitrosodimethylamine

Concen: 23.87 ng

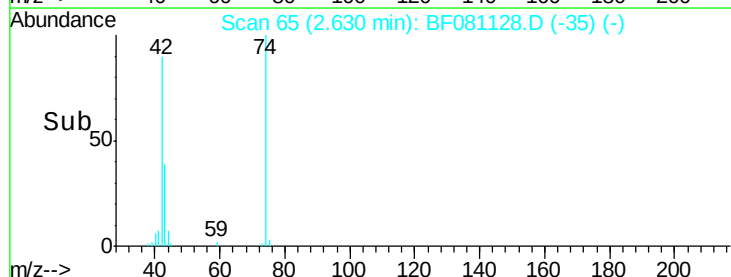
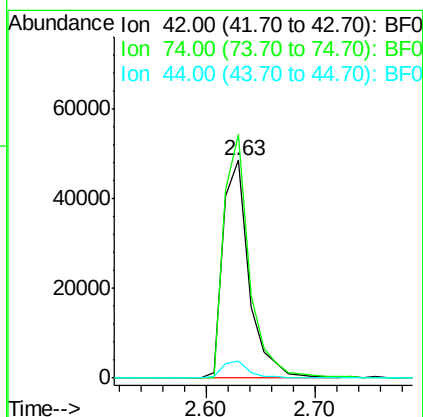
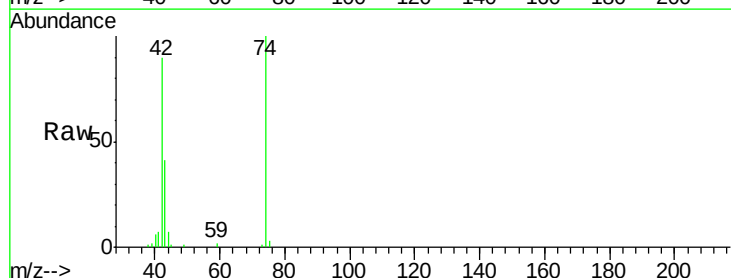
RT: 2.63 min Scan# 65

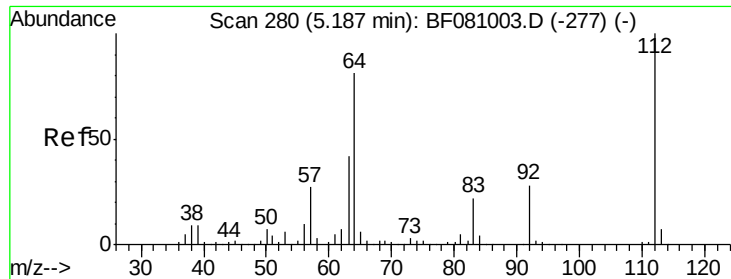
Delta R.T. 0.05 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	42	Resp:	80844
Ion	Ratio	Lower	Upper
42	100		
74	111.7	69.3	103.9#
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 50.90 ng

RT: 5.14 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

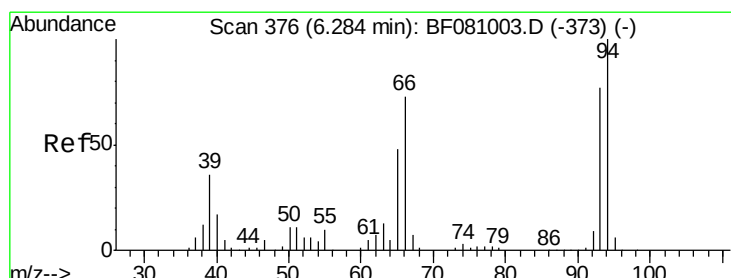
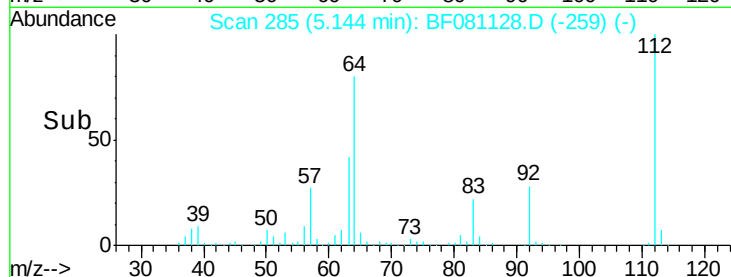
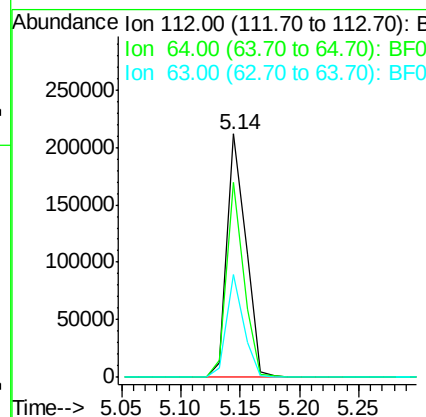
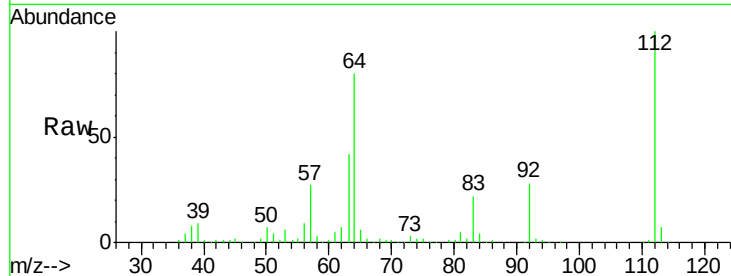
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		232837		
64	80.0		66.9	100.3	
63	42.5		38.1	57.1	

Manual Integrations
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8/21/2015 2:03:30 PM



#6

Aniline

Concen: 14.90 ng

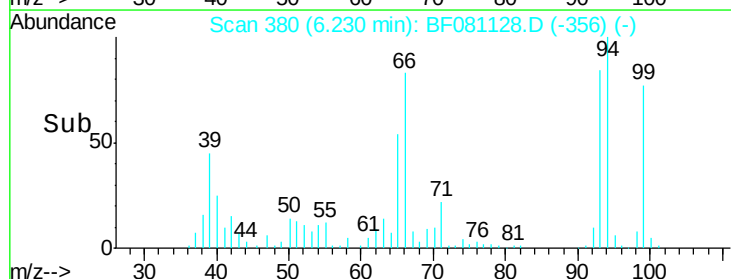
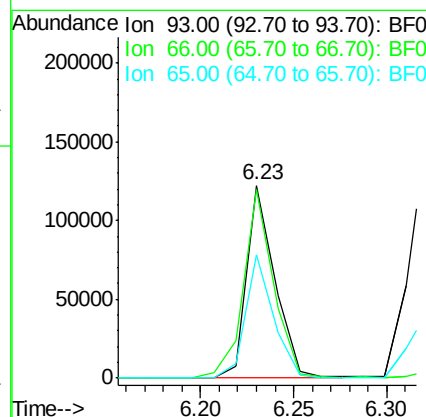
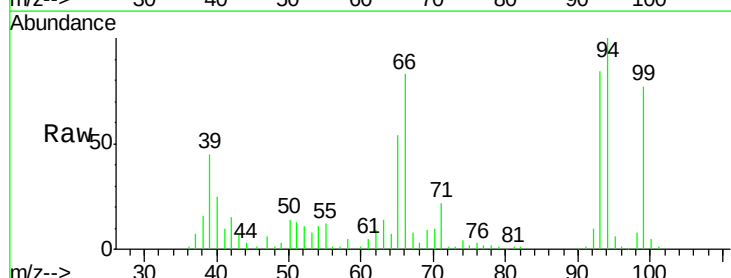
RT: 6.23 min Scan# 380

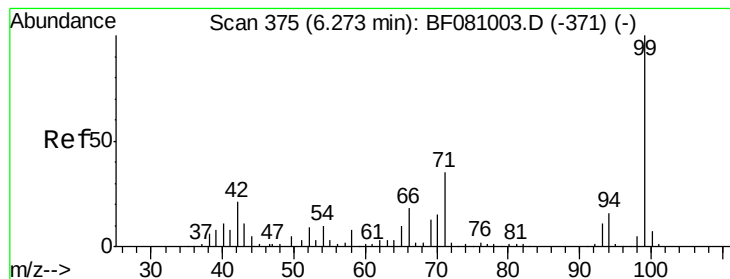
Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		129272		
66	97.8		35.6	53.4#	
65	63.6		18.7	28.1#	





#7

Phenol-d6

Concen: 52.90 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

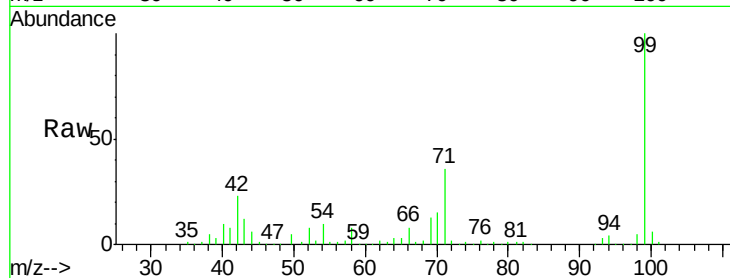
ClientSampleId :

PB85099BS

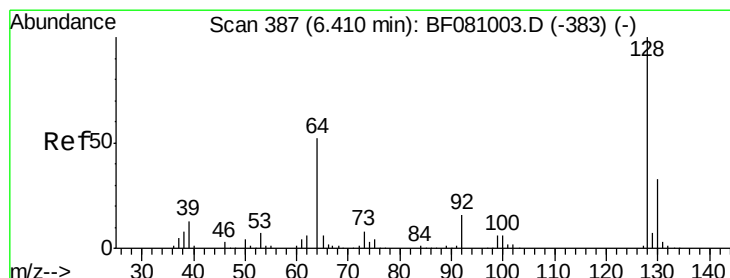
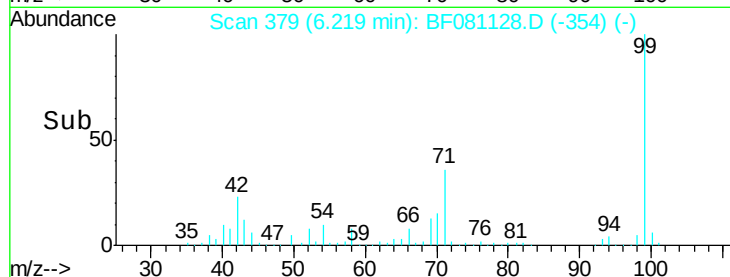
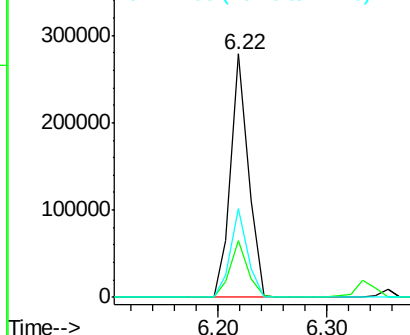
Tot Ion:	99	Resp:	315747
Ion Ratio	Lower	Upper	
99	100		
42	23.2	19.6	29.4
71	36.3	31.2	46.8

Manual Integrations
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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: 28.28 ng

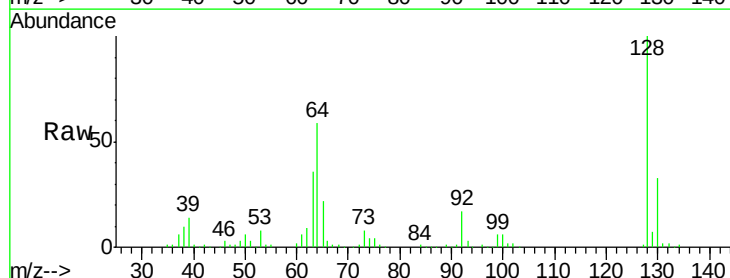
RT: 6.36 min Scan# 391

Delta R.T. -0.01 min

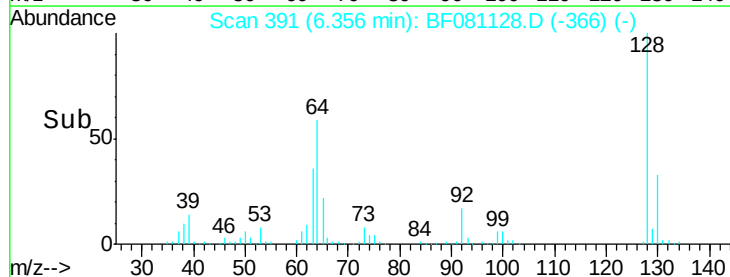
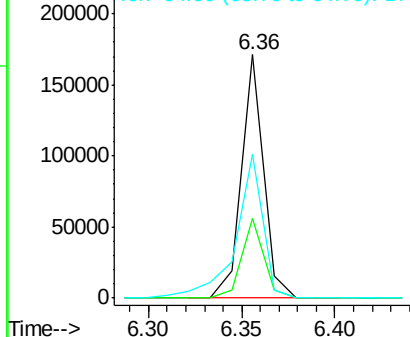
Lab File: BF081128.D

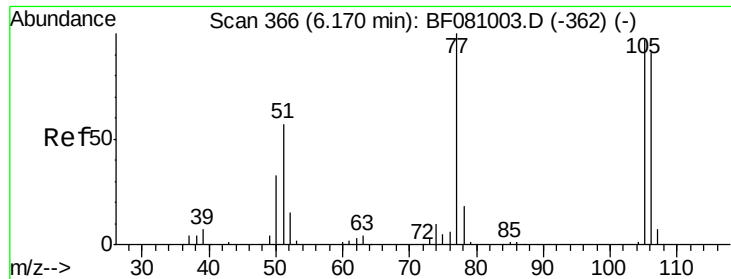
Acq: 20 Aug 2015 17:03

Tgt Ion:	128	Resp:	141613
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.5	52.5
64	59.3	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: 12.03 ng

RT: 6.12 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

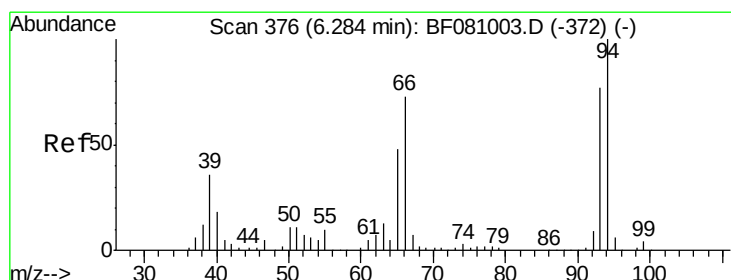
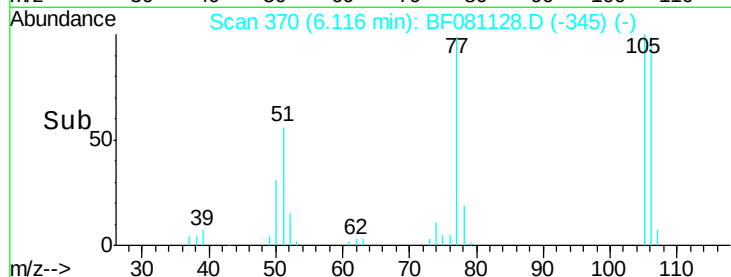
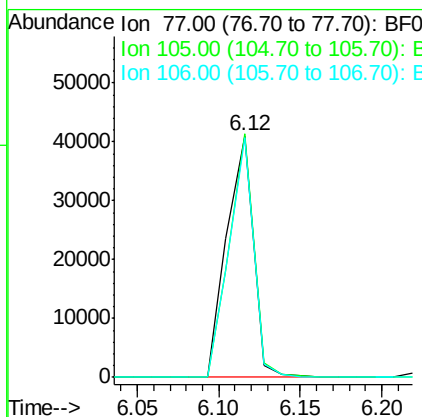
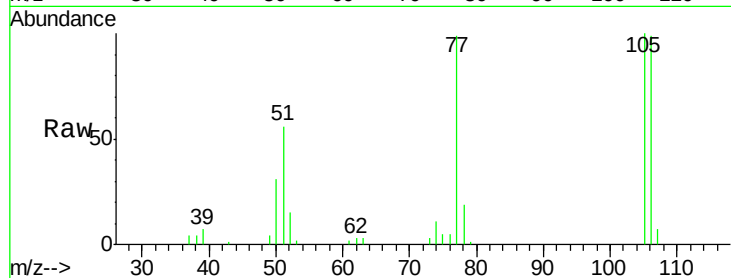
ClientSampled :

PB85099BS

Manual Integrations
APPROVED

MMDadoda
8/21/2015 2:03:30 PM

Tot Ion:	77	Resp:	46298
Ion	Ratio	Lower	Upper
77	100		
105	100.7	69.6	109.6
106	99.3	64.0	104.0



#10

Phenol

Concen: 23.70 ng

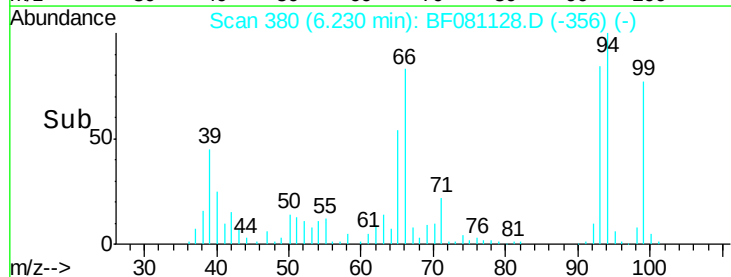
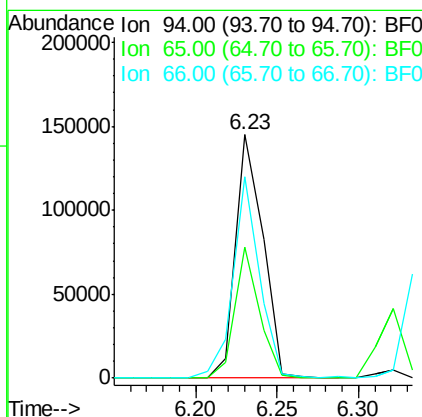
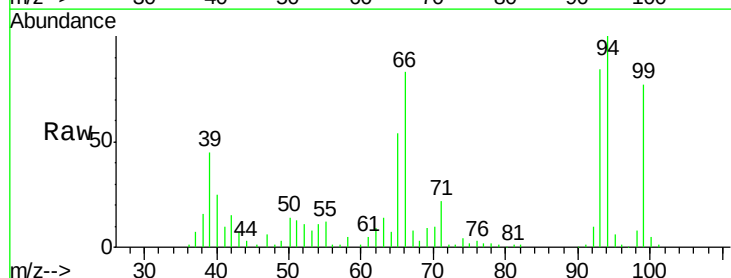
RT: 6.23 min Scan# 380

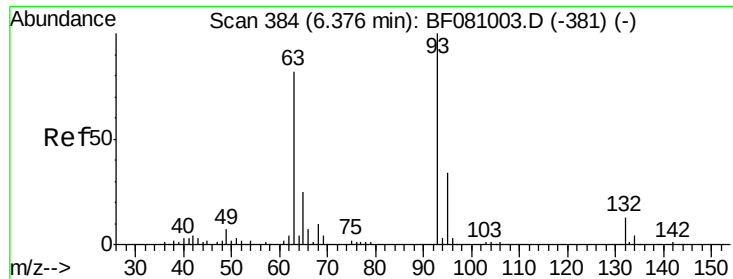
Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	94	Resp:	167072
Ion	Ratio	Lower	Upper
94	100		
65	53.7	28.4	68.4
66	82.6	52.3	92.3





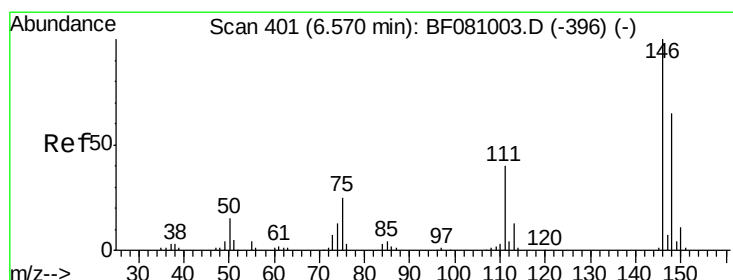
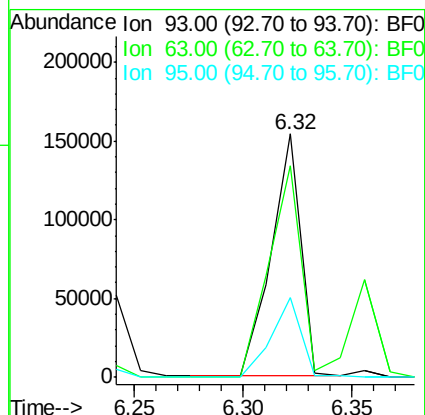
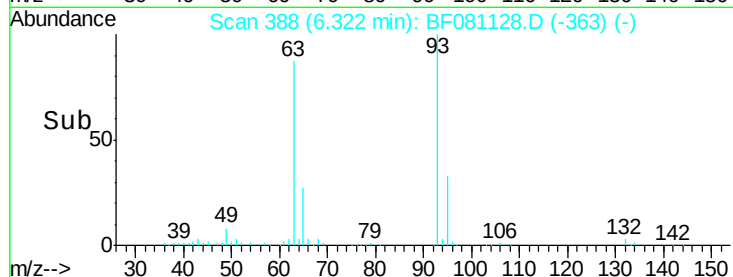
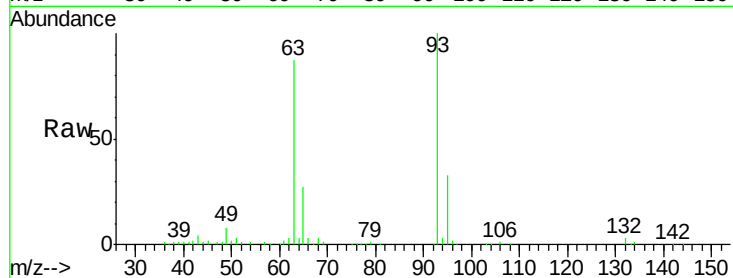
#11
bis(2-Chloroethyl)ether
Concen: 27.16 ng
RT: 6.32 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

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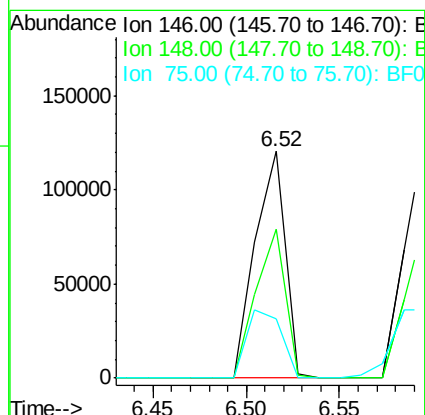
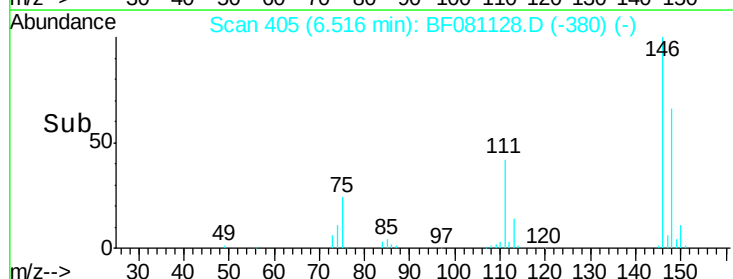
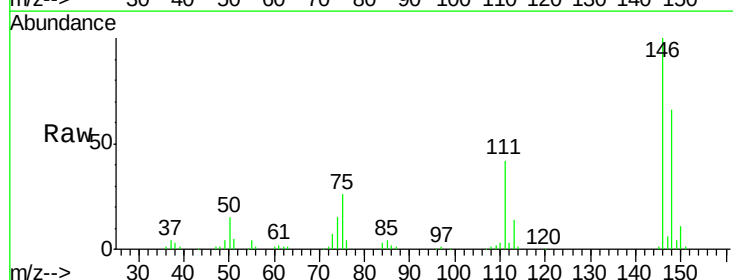
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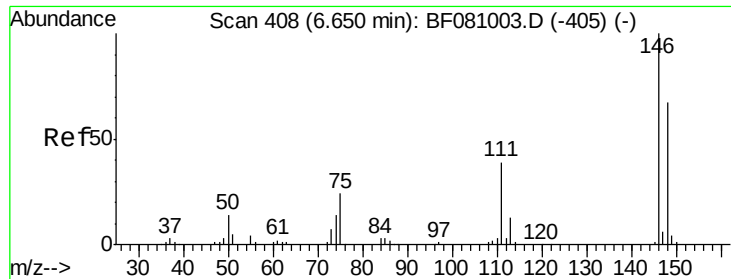
Tot Ion	Ratio	Resp	Lower	Upper
93	100	146925		
63	87.1	69.6	109.6	
95	32.8	12.3	52.3	



#12
1,3-Dichlorobenzene
Concen: 24.95 ng
RT: 6.52 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	134232		
148	65.6	53.3	79.9	
75	26.2	25.0	37.6	





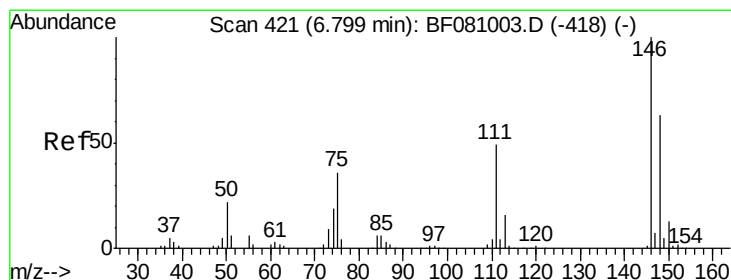
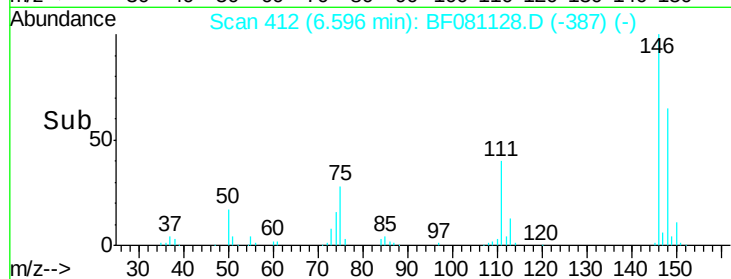
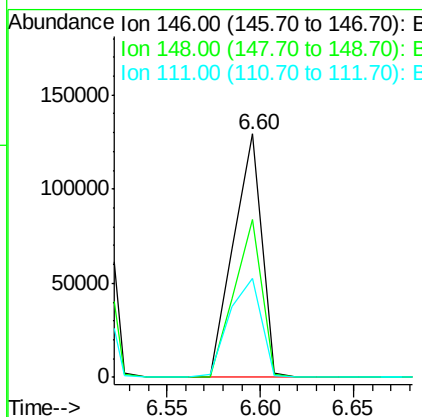
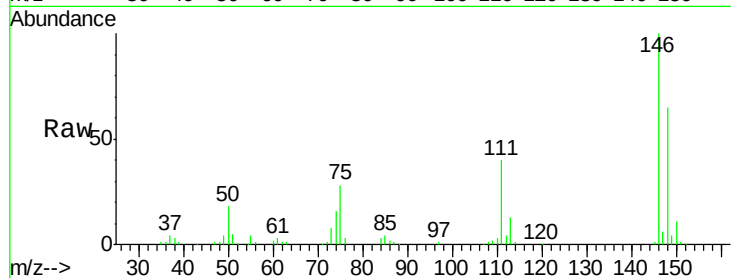
#13
 1,4-Dichlorobenzene
 Concen: 25.92 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	40.4	34.4	51.6

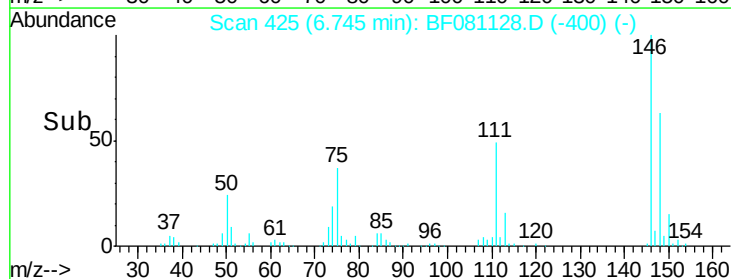
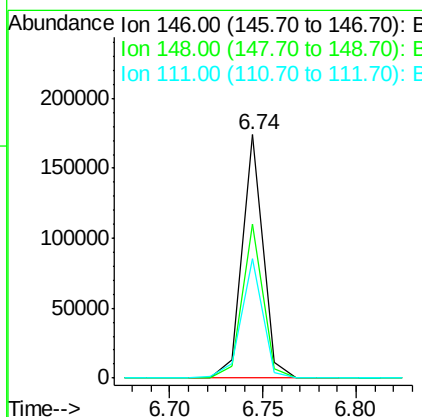
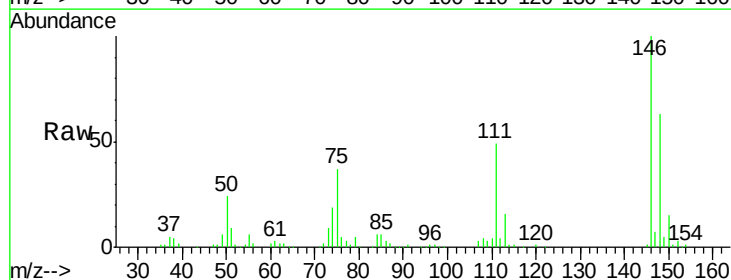
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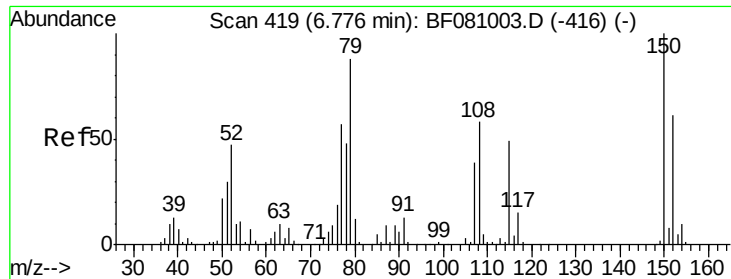
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#14
 1,2-Dichlorobenzene
 Concen: 27.34 ng
 RT: 6.74 min Scan# 425
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	48.7	73.1
111	49.1	42.3	63.5





#15

Benzyl Alcohol

Concen: 28.54 ng

RT: 6.73 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

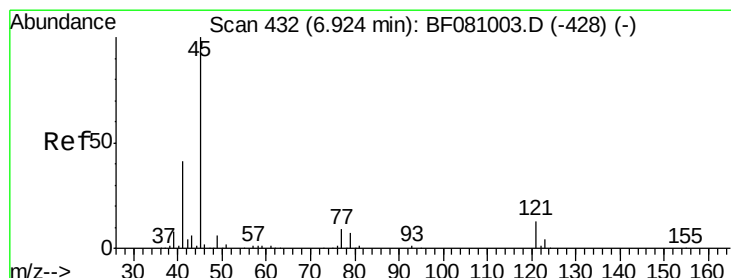
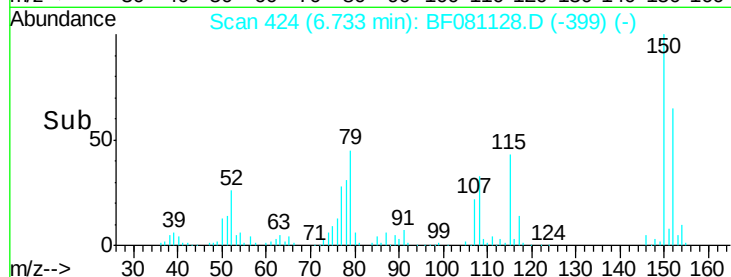
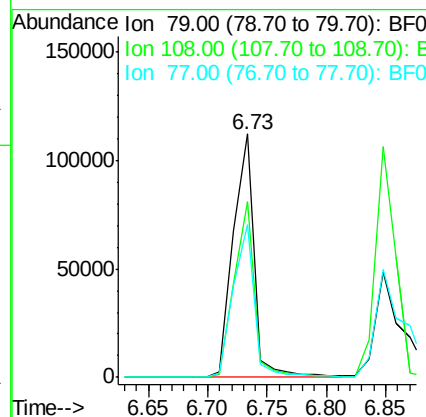
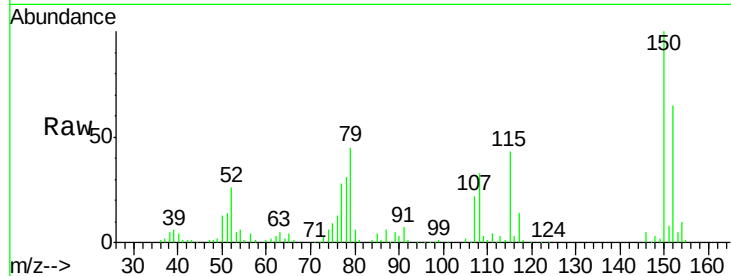
ClientSampled :

PB85099BS

Tot Ion:	79	Resp:	137825
Ion Ratio	Lower	Upper	
79	100		
108	72.3	49.4	74.2
77	63.0	51.4	77.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 25.82 ng

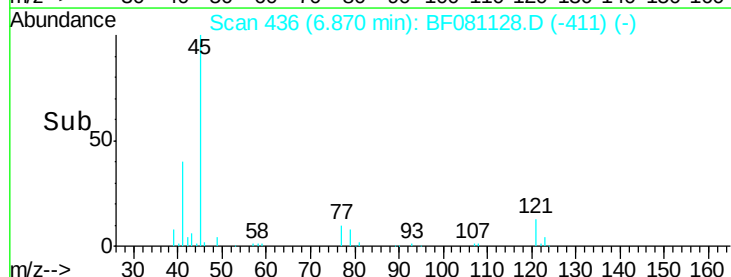
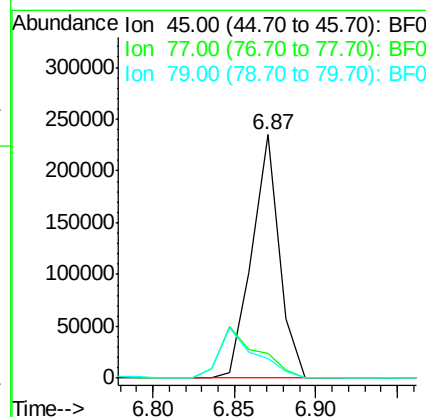
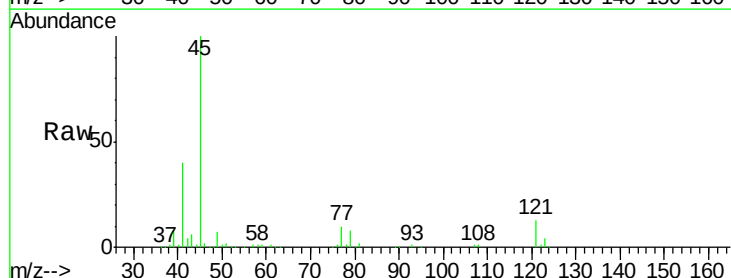
RT: 6.87 min Scan# 436

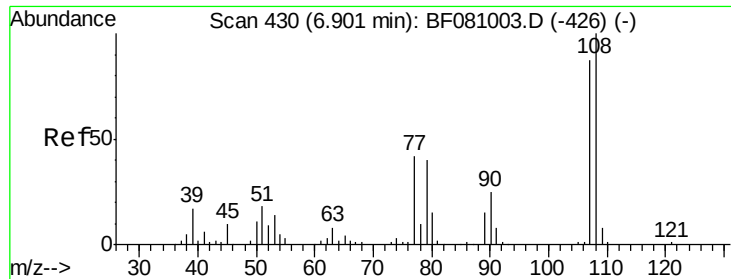
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	45	Resp:	274384
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.2
79	8.0	0.0	28.0





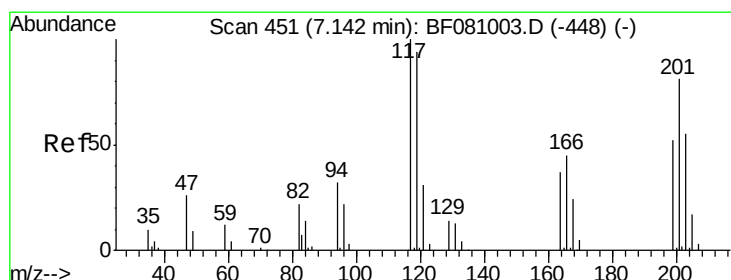
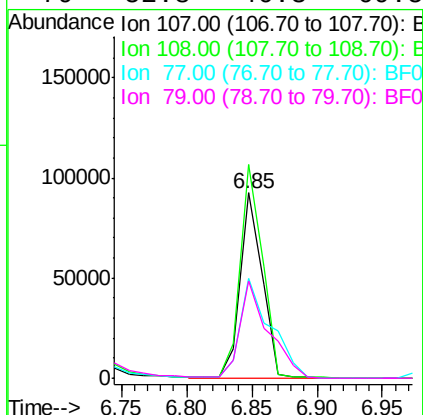
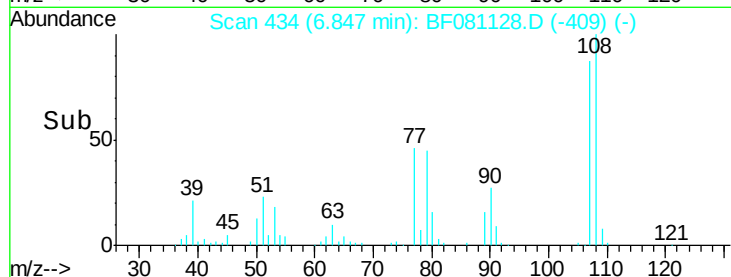
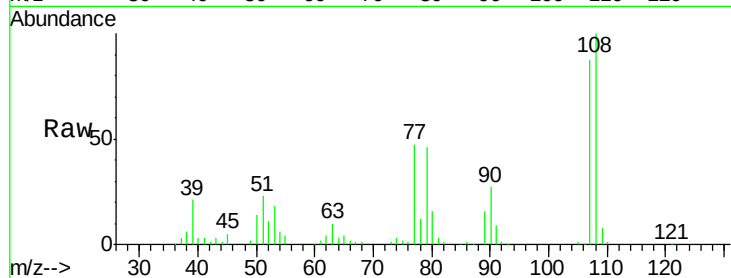
#17
2-Methylphenol
Concen: 25.24 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	115.2	90.4	135.6	
77	77	53.9	46.5	69.7	
79	79	52.8	46.3	69.5	

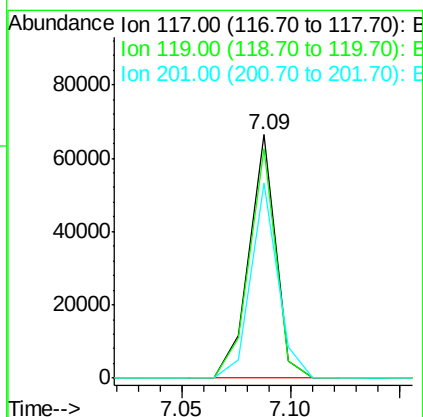
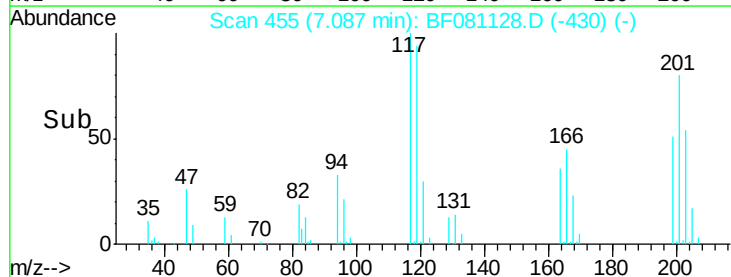
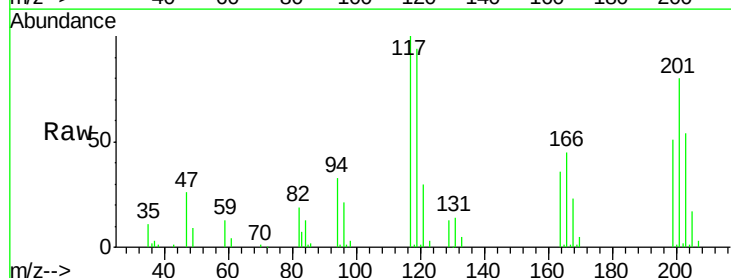
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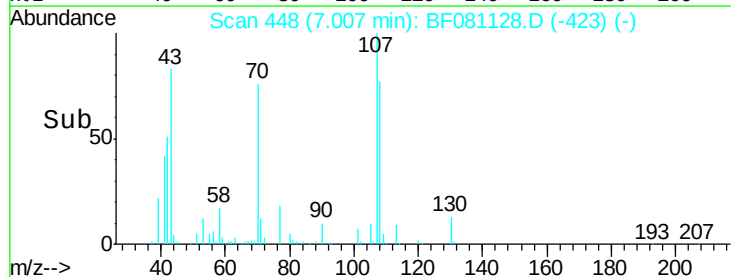
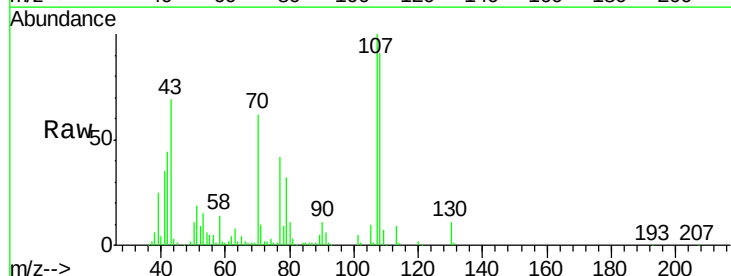
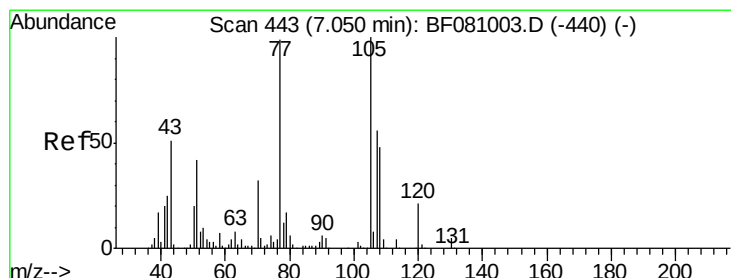
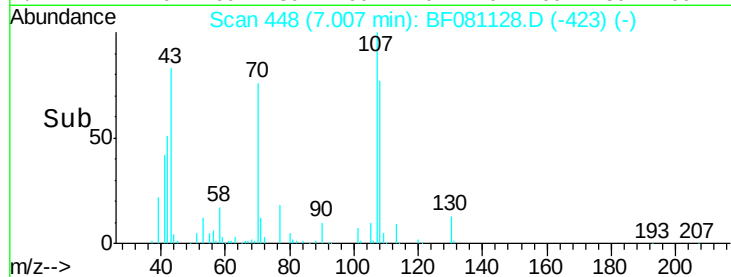
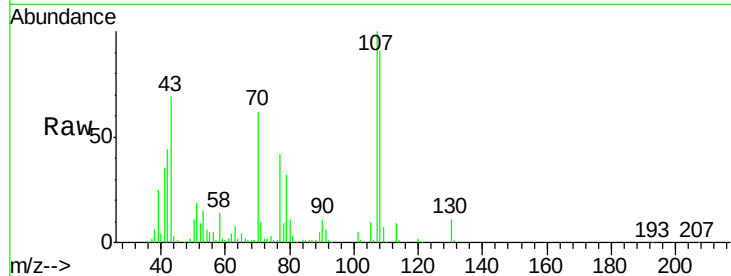
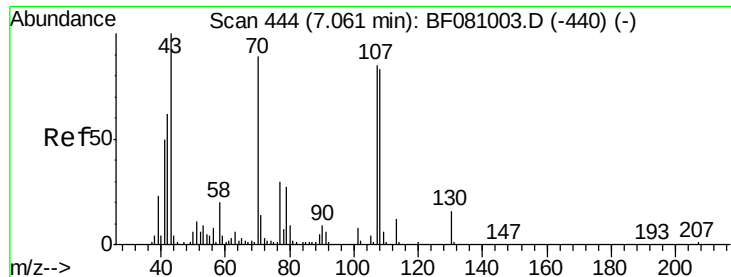
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#18
Hexachloroethane
Concen: 26.30 ng
RT: 7.09 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.3	77.9	116.9	
201	201	80.0	61.3	91.9	

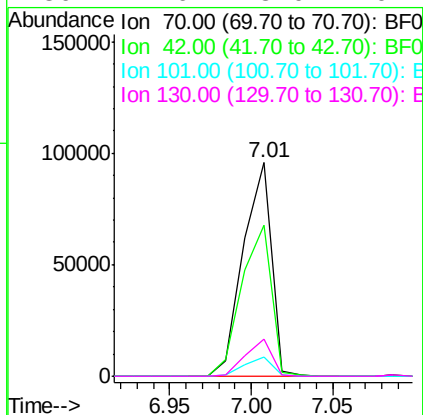




#19
n-Nitroso-di-n-propylamine
Concen: 27.76 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	70.6	65.0	97.4	
101	8.8	7.4	11.2	
130	17.6	13.0	19.4	

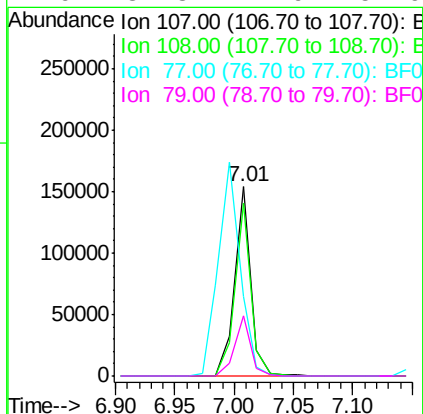


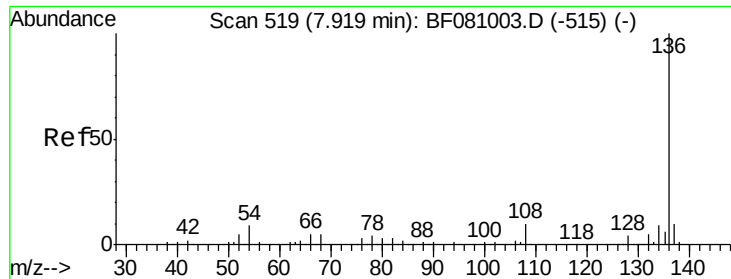
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#20
3+4-Methylphenols
Concen: 26.67 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.2	66.1	106.1	
77	42.2	139.3	179.3	
79	31.8	11.9	51.9	





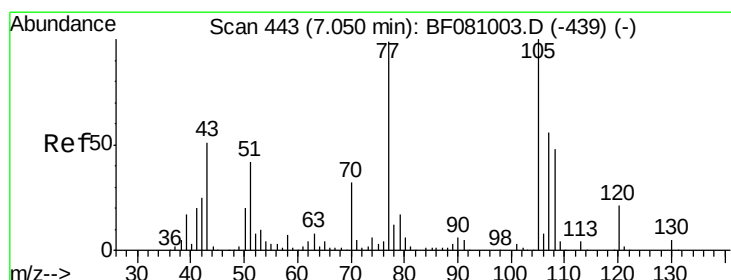
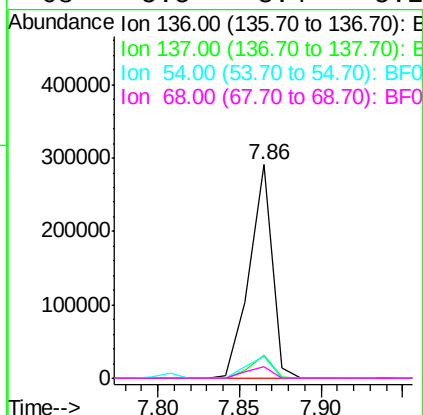
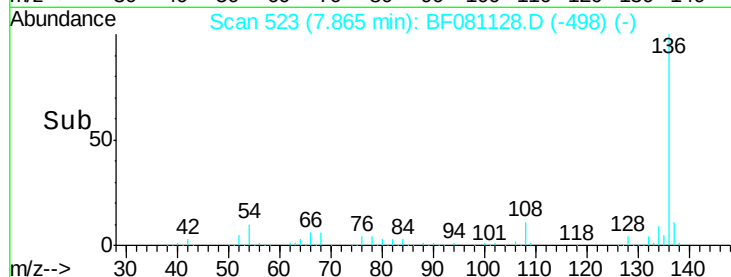
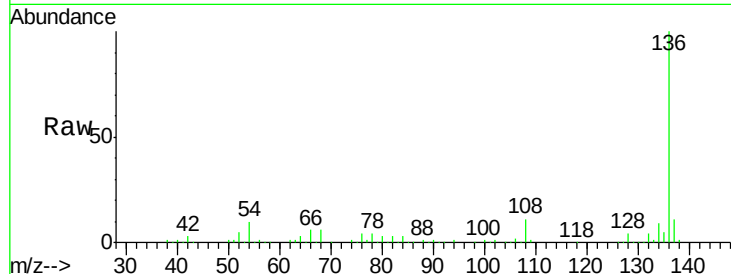
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.2	12.2	
54	10.4	7.7	11.5	
68	5.5	3.4	5.2#	

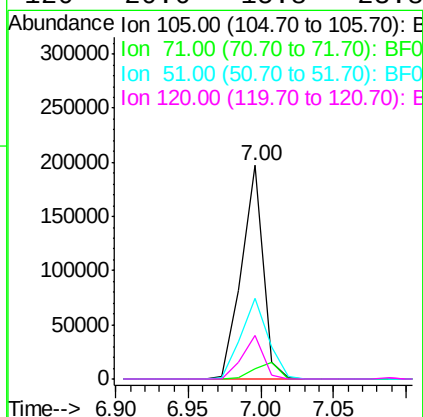
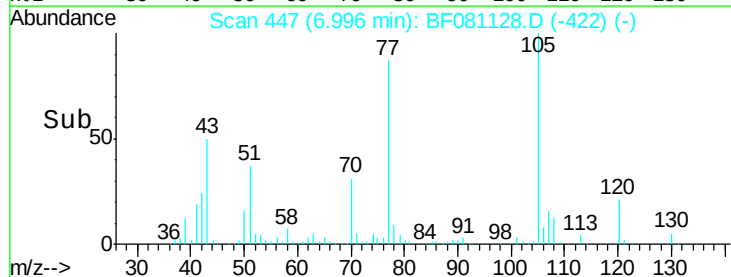
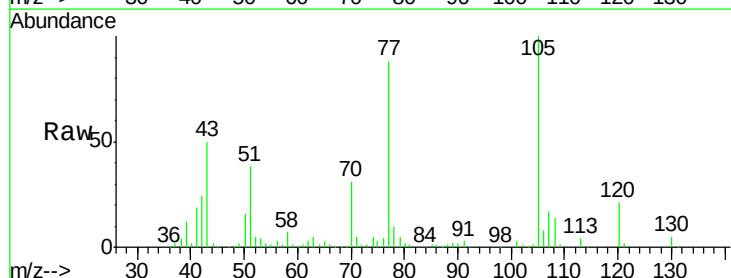
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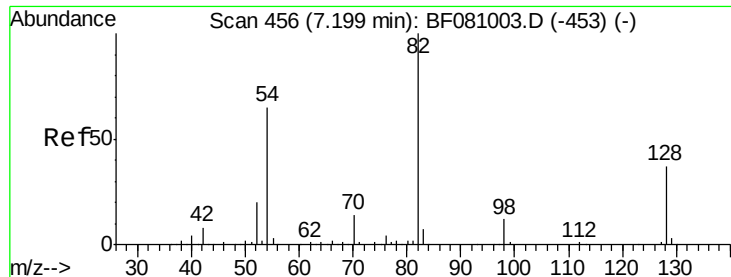
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#22
Acetophenone
Concen: 27.49 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.9	3.0	4.6#	
51	38.0	39.8	59.8#	
120	20.6	15.8	23.8	





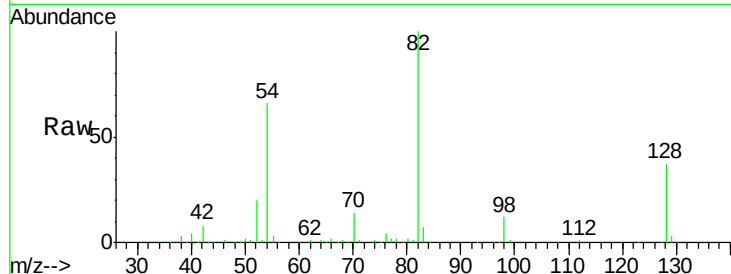
#23
 Nitrobenzene-d5
 Concen: 47.30 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

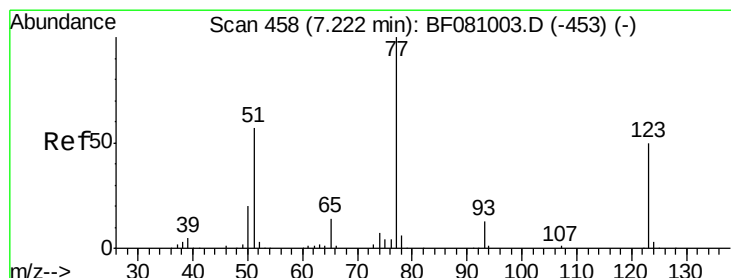
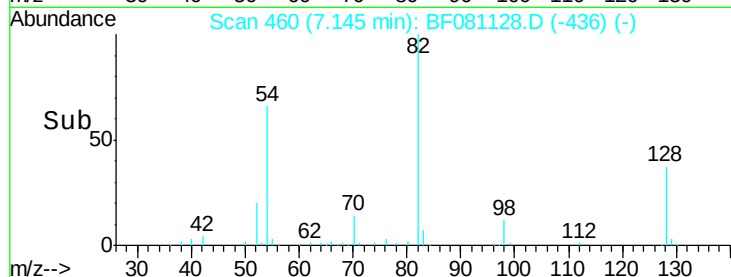
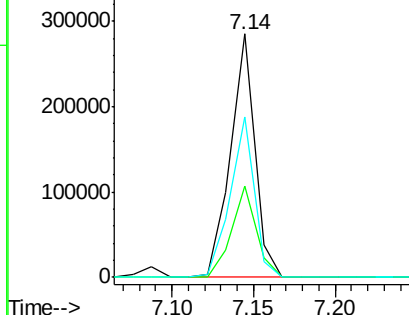
Tot Ion	Ratio	Resp	Lower	Upper
82	100	293594		
128	37.3	28.6	42.8	
54	65.8	55.1	82.7	

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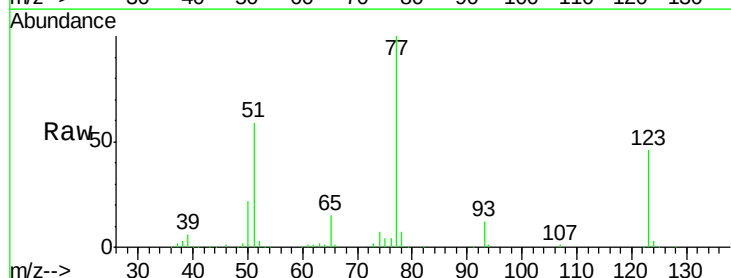


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

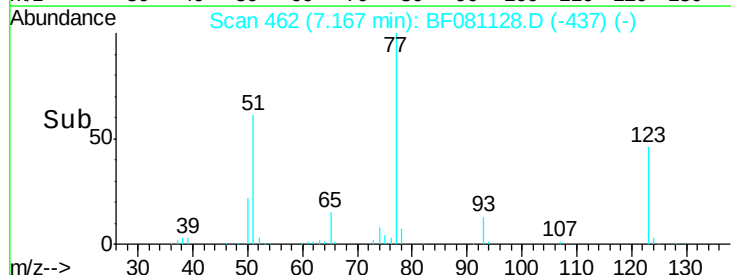
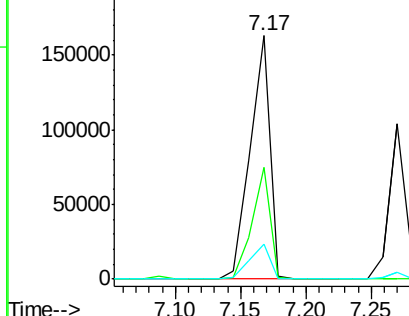


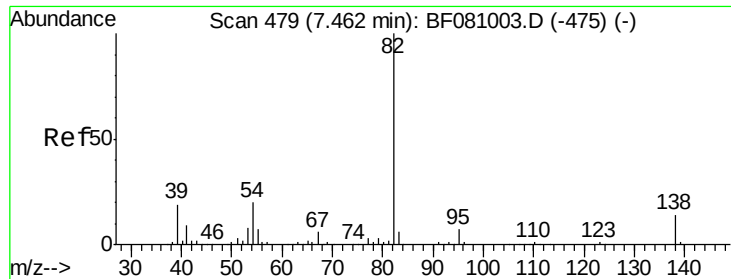
#24
 Nitrobenzene
 Concen: 26.44 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	171604		
123	46.2	32.9	49.3	
65	14.5	12.5	18.7	



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





#25

Isophorone

Concen: 24.50 ng

RT: 7.41 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

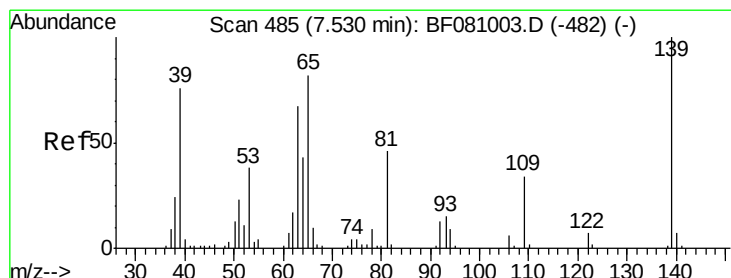
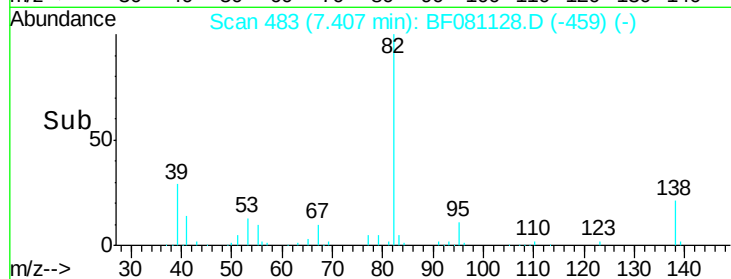
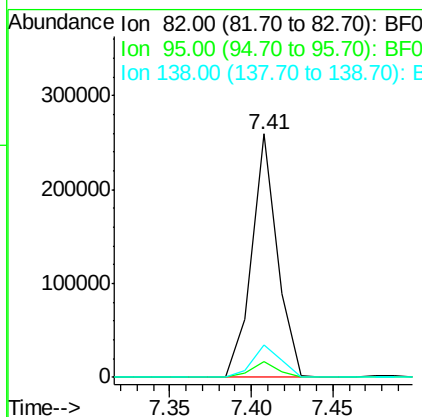
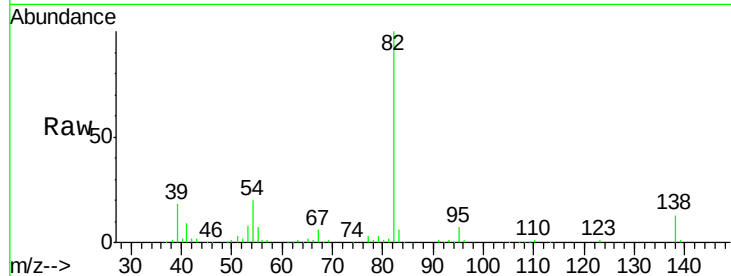
ClientSampleId :

PB85099BS

Tot Ion:	82	Resp:	283541
Ion Ratio	Lower	Upper	
82	100		
95	6.7	6.2	9.2
138	13.2	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 26.58 ng

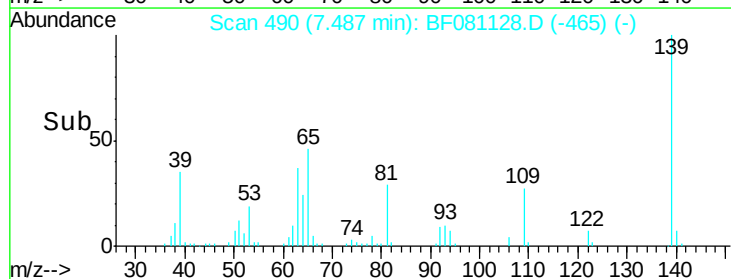
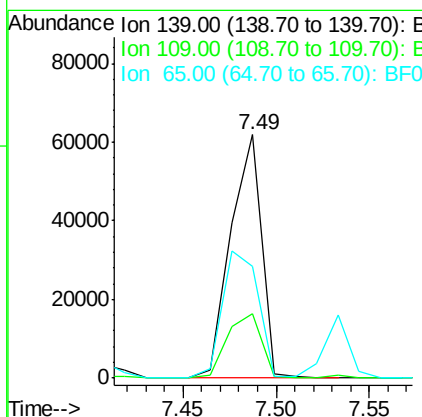
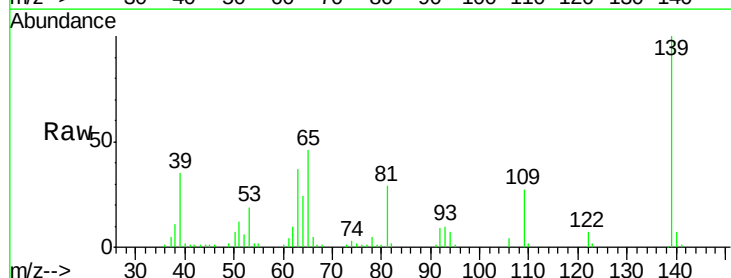
RT: 7.49 min Scan# 490

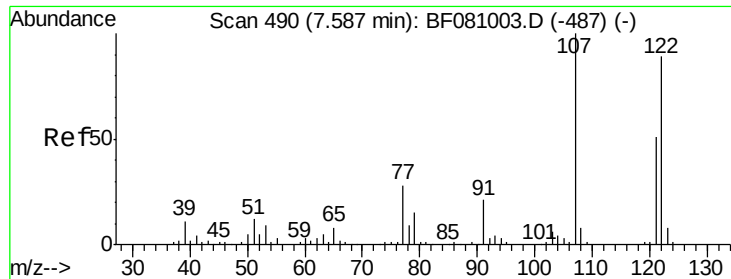
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	139	Resp:	71725
Ion Ratio	Lower	Upper	
139	100		
109	26.5	32.1	48.1#
65	46.1	69.9	104.9#





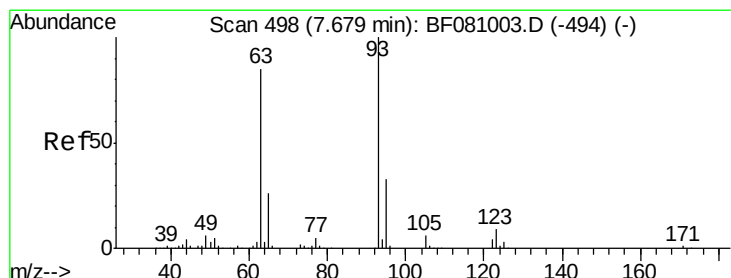
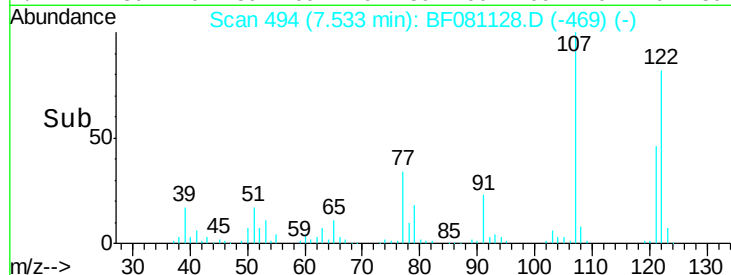
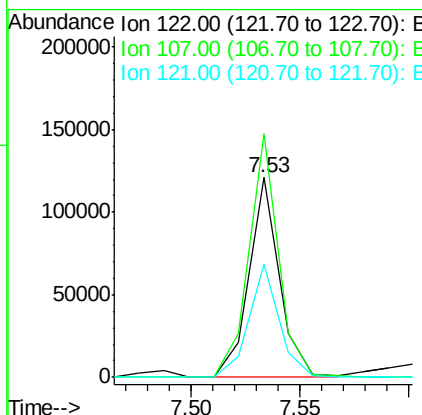
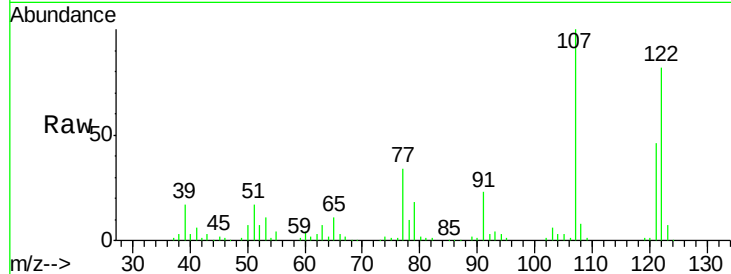
#27
 2,4-Dimethylphenol
 Concen: 24.74 ng
 RT: 7.53 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	118108		
107	121.9	103.8	155.6	
121	56.6	47.0	70.4	

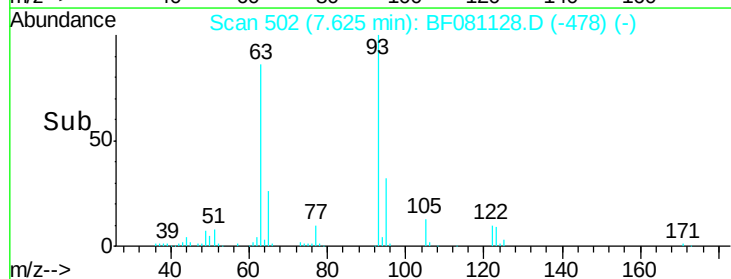
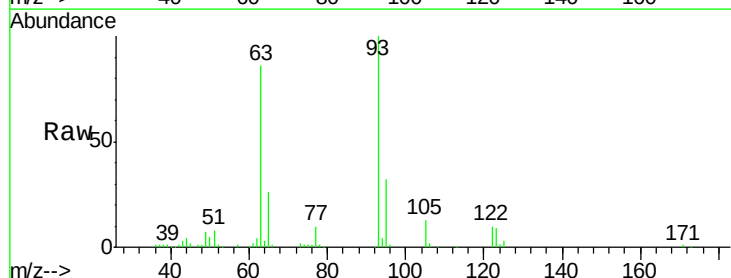
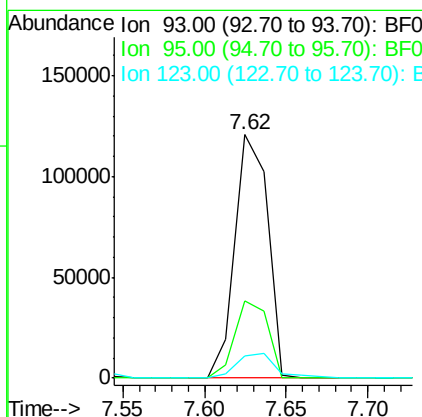
Manual Integrations
 APPROVED

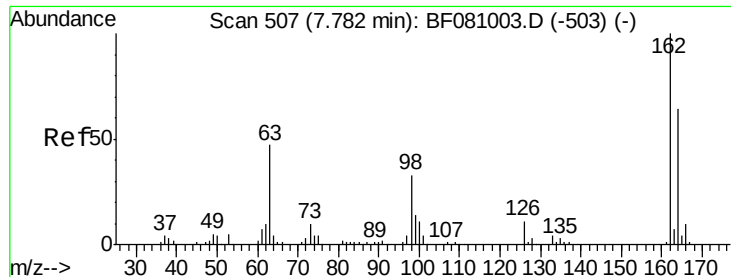
MMDadoda
 8/21/2015 2:03:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.53 ng
 RT: 7.62 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	167707		
95	31.9	25.8	38.8	
123	9.0	7.4	11.0	





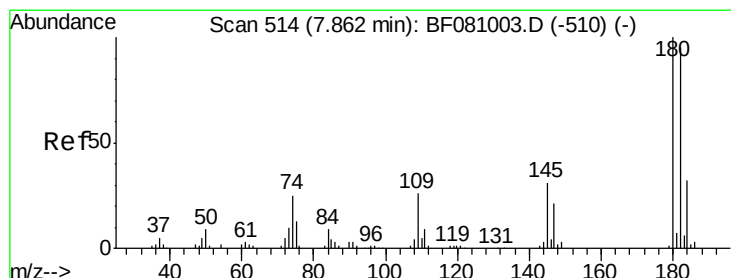
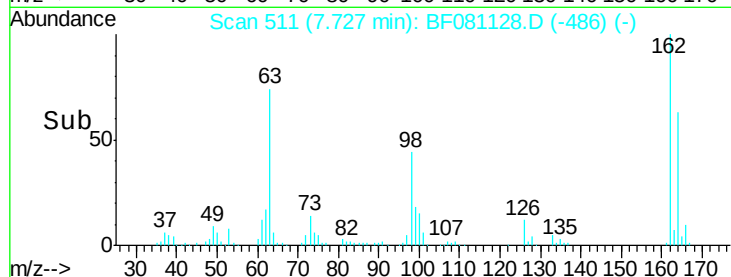
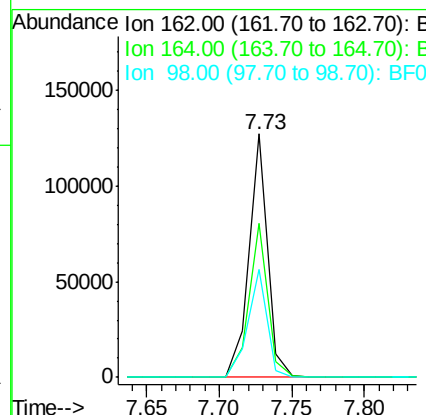
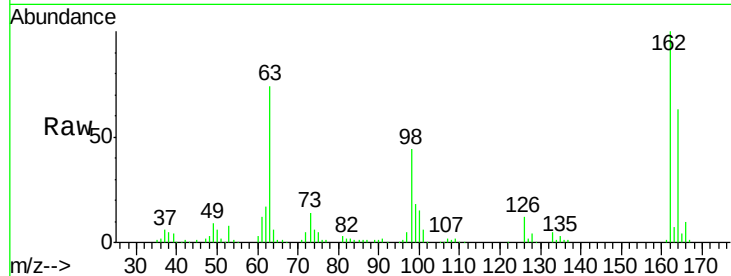
#29
2,4-Dichlorophenol
Concen: 28.28 ng
RT: 7.73 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	43.2	83.2
98	44.4	12.3	52.3

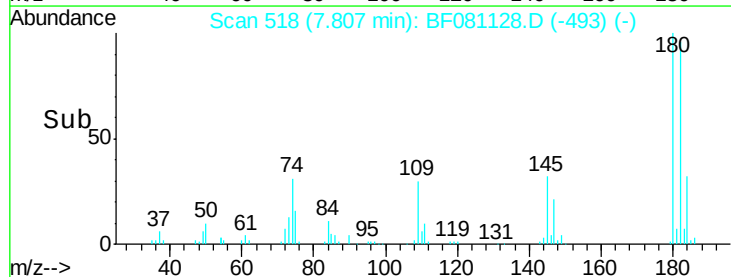
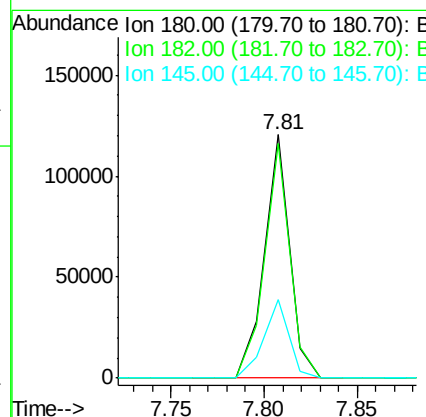
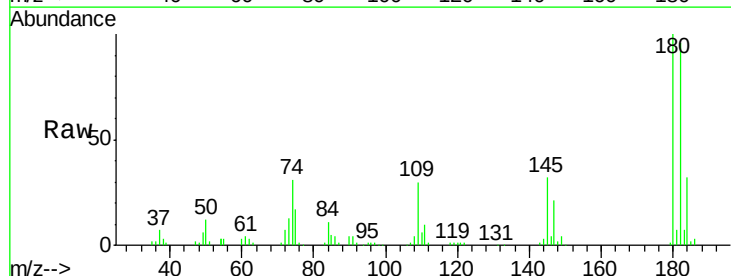
Manual Integrations
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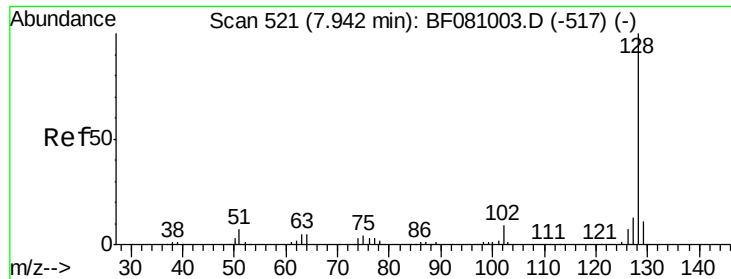
MMDadoda
8/21/2015 2:03:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 25.14 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.3	76.4	114.6
145	32.5	25.4	38.2





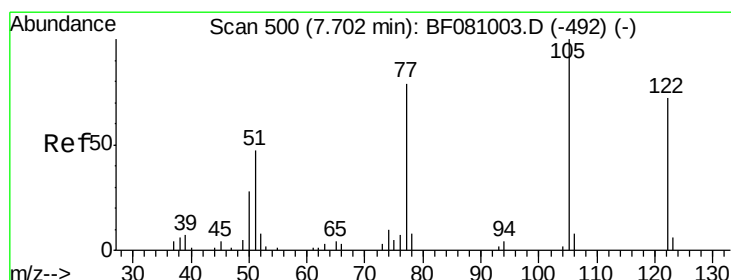
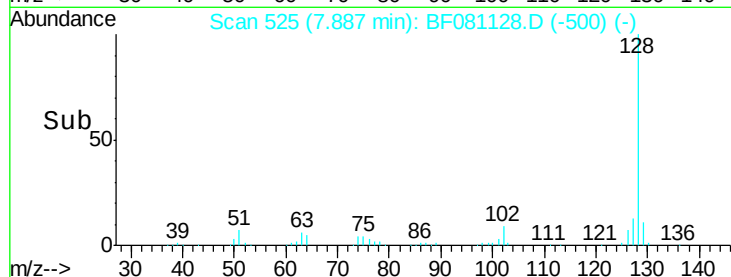
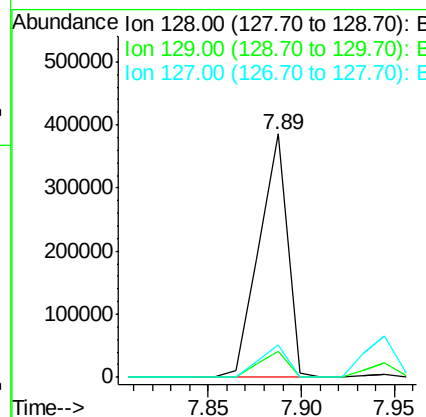
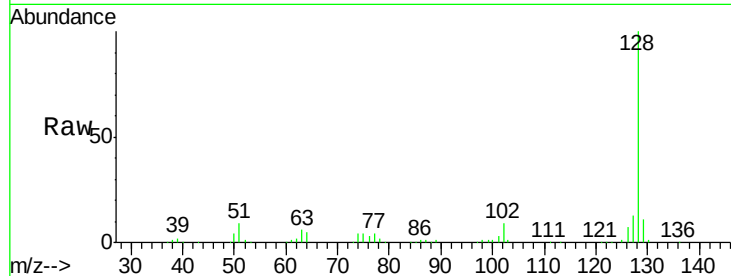
#31
Naphthalene
Concen: 25.67 ng
RT: 7.89 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.4	12.6	
127	13.4	10.6	16.0	

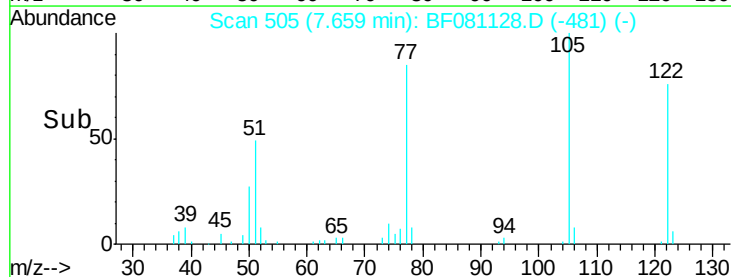
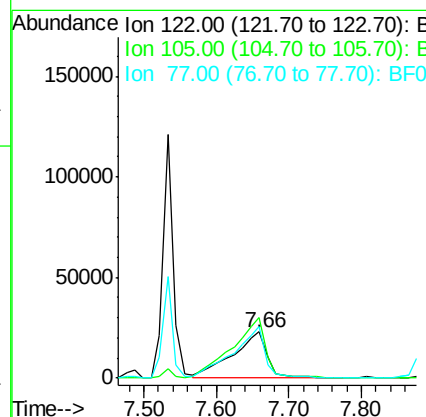
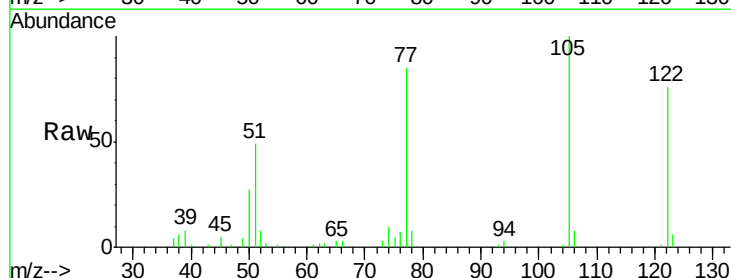
Manual Integrations
APPROVED

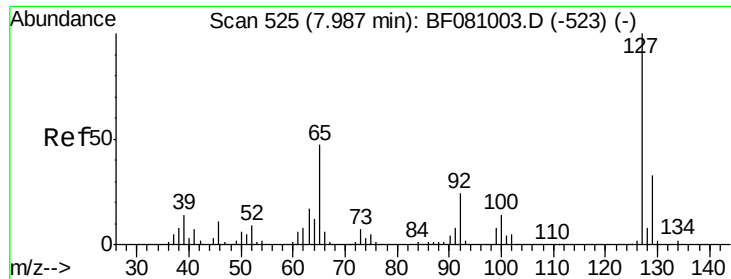
MMDadoda
8/21/2015 2:03:30 PM



#32
Benzoic acid
Concen: 28.77 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	131.8	113.8	153.8	
77	111.9	93.8	133.8	





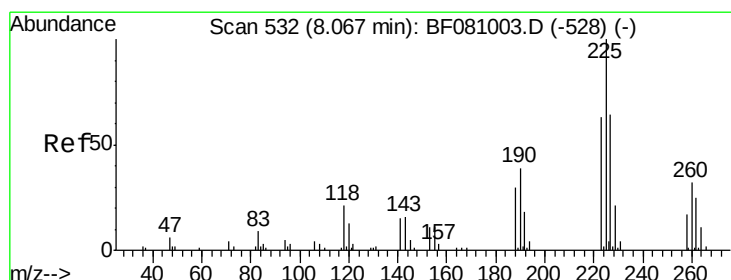
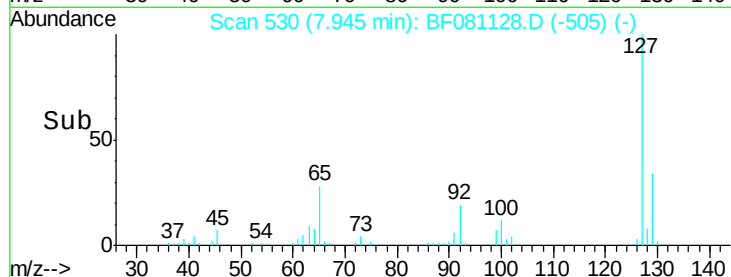
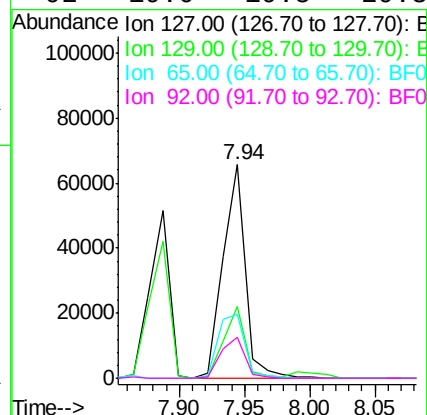
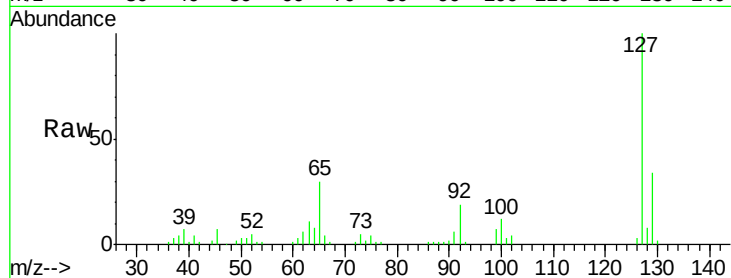
#33
4-Chloroaniline
Concen: 11.78 ng
RT: 7.94 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		78578		
129	33.8	25.2	37.8		
65	29.7	37.8	56.6		
92	19.0	19.5	29.3		

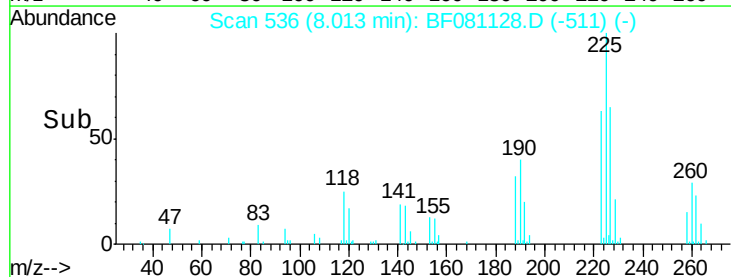
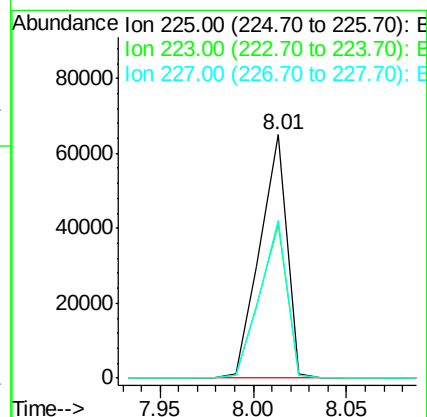
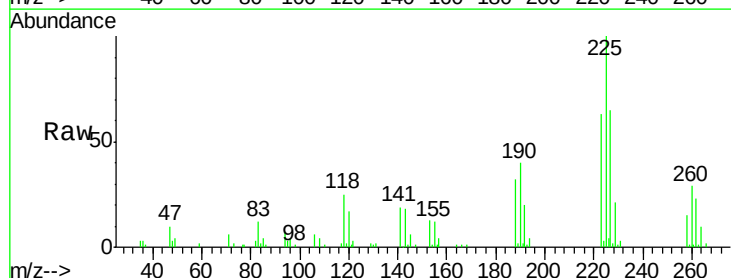
Manual Integrations
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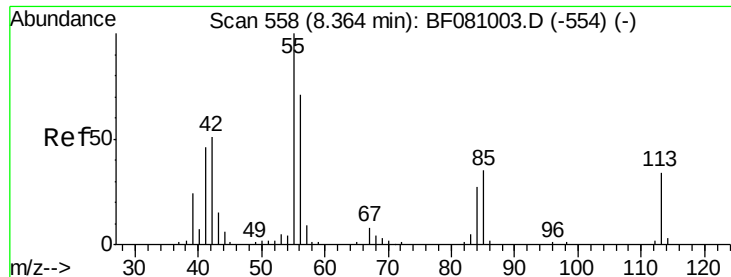
MMDadoda
8/21/2015 2:03:30 PM



#34
Hexachlorobutadiene
Concen: 26.42 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		66752		
223	63.4	52.6	79.0		
227	64.8	51.1	76.7		





#35

Caprolactam

Concen: 25.72 ng/ml

RT: 8.31 min Scan# 562

Delta R.T. -0.03 min

Lab File: BF081128.D

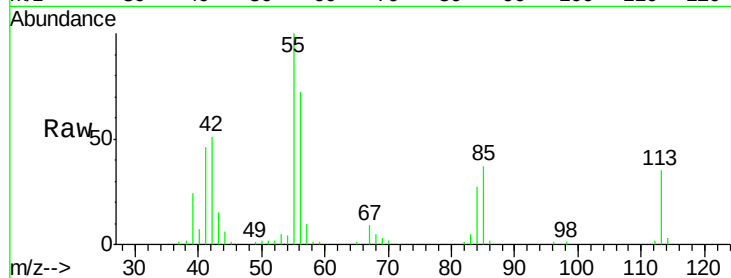
Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS



Tot Ion: 113 Resp: 36129

Ion Ratio Lower Upper

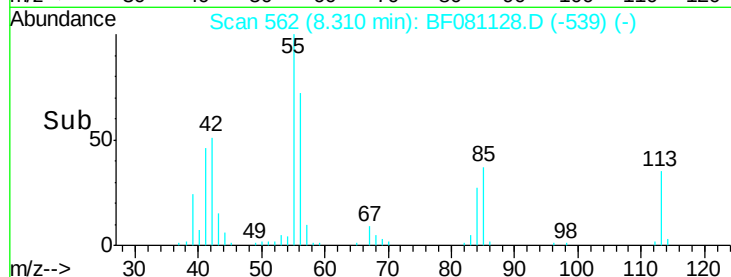
113 100

55 284.7 280.4 320.4

56 204.5 205.9 245.9#

Manual Integrations
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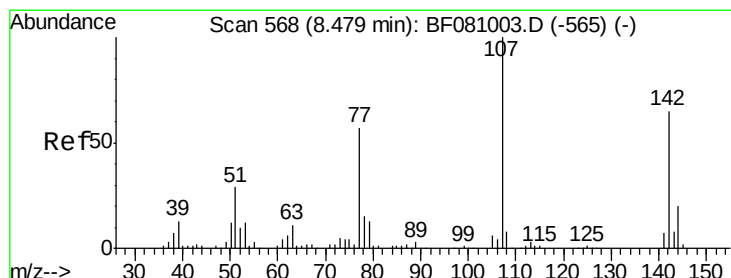
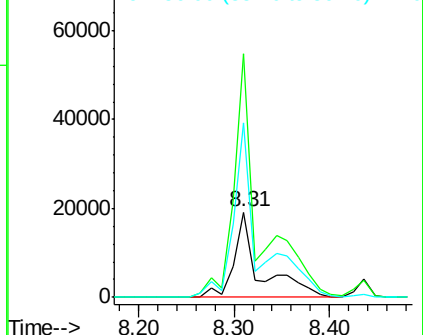
MMDadoda
8/21/2015 2:03:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 28.69 ng/ml

RT: 8.44 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

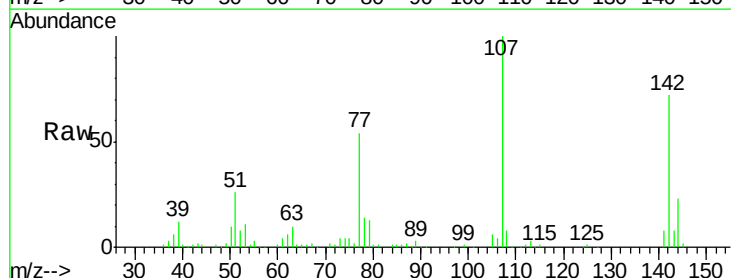
Tgt Ion: 107 Resp: 137449

Ion Ratio Lower Upper

107 100

144 22.8 17.2 25.8

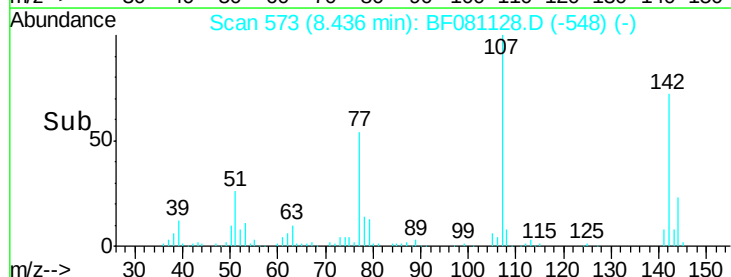
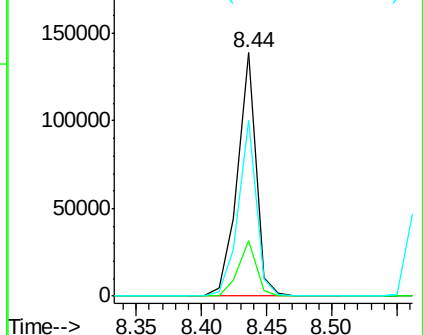
142 72.1 54.9 82.3

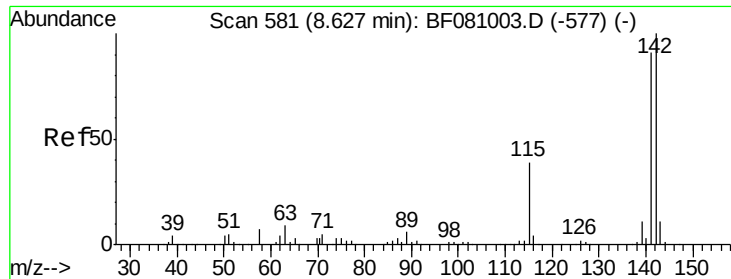


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





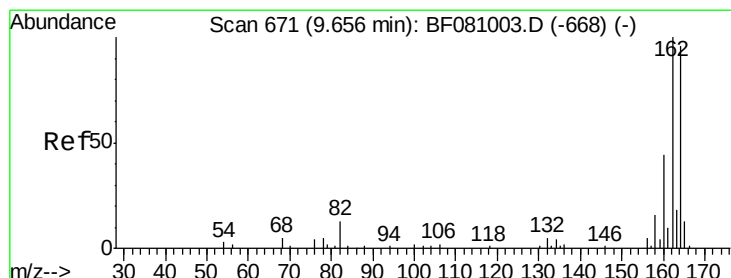
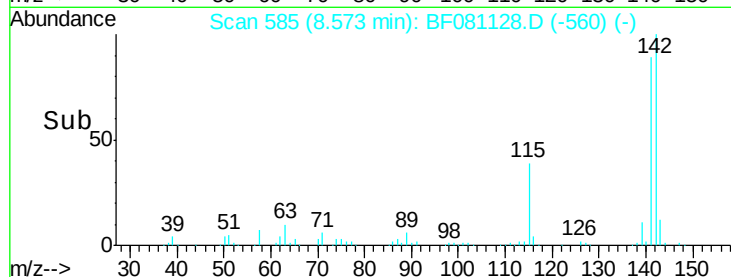
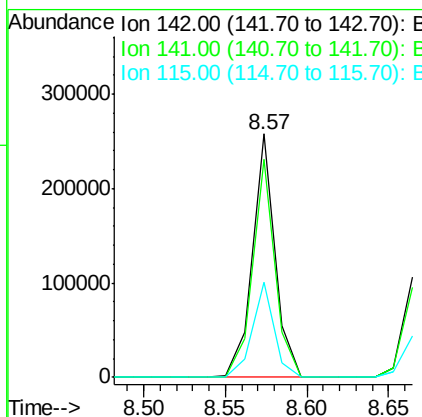
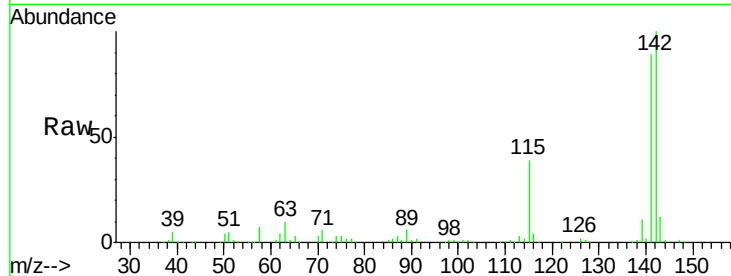
#37
2-Methylnaphthalene
Concen: 24.85 ng
RT: 8.57 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	248130		
141	89.3		71.4	107.2
115	39.1		33.4	50.0

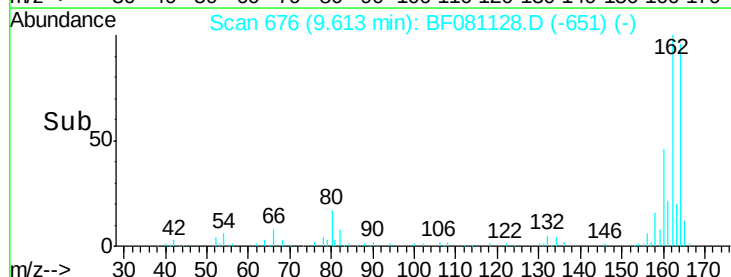
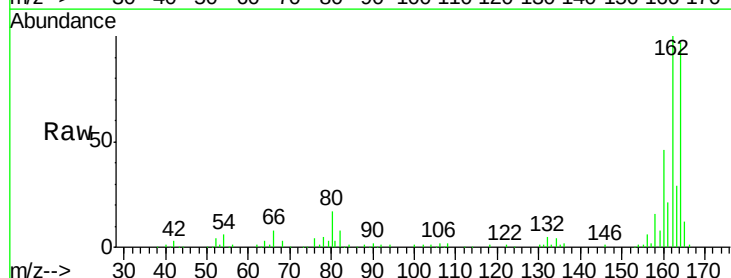
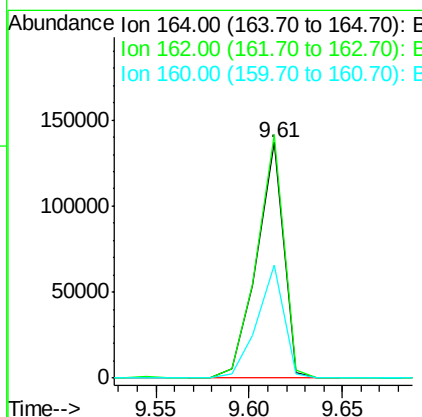
Manual Integrations
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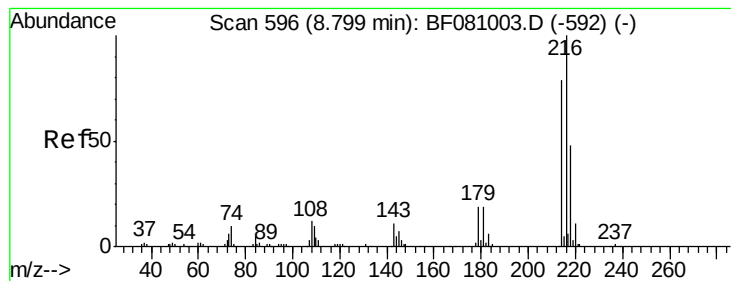
MMDadoda
8/21/2015 2:03:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136843		
162	103.4		83.8	125.8
160	47.7		39.8	59.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.46 ng

RT: 8.74 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF081128.D

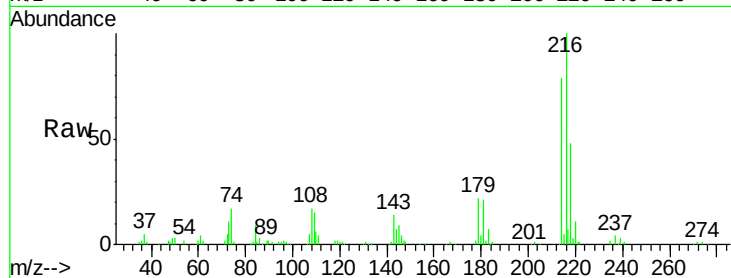
Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

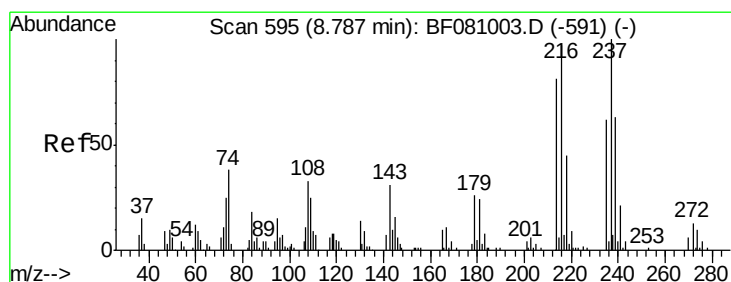
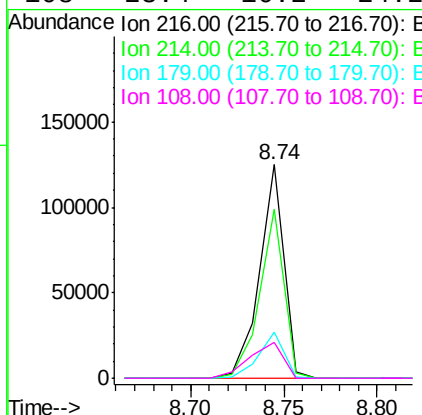
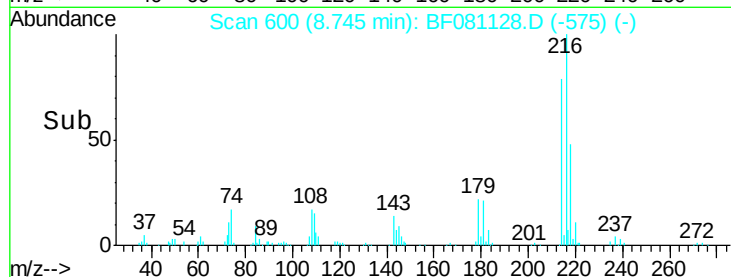
PB85099BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.2	63.8	95.8		
179	22.4	17.8	26.8		
108	23.4	16.2	24.2		

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 53.32 ng

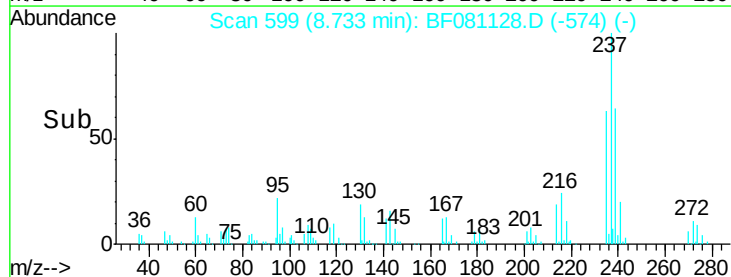
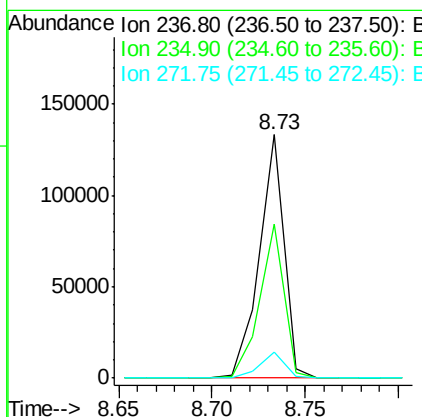
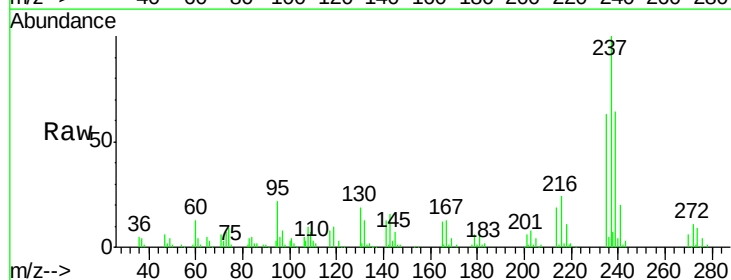
RT: 8.73 min Scan# 599

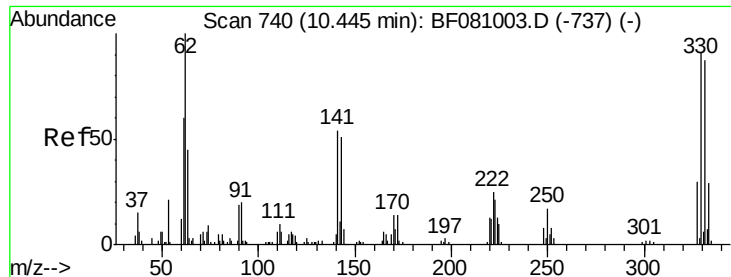
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.4	43.6	83.6		
272	10.5	0.0	32.2		





#41

2,4,6-Tribromophenol

Concen: 46.27 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

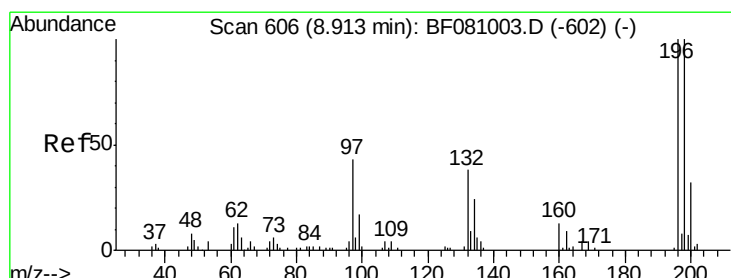
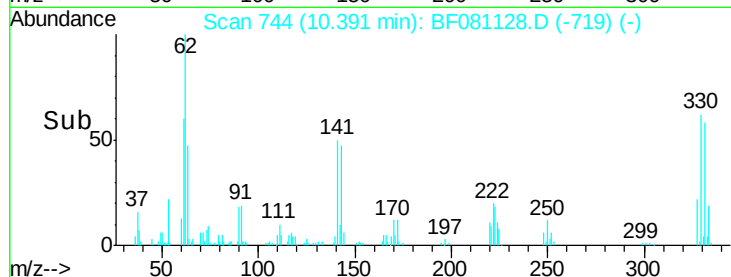
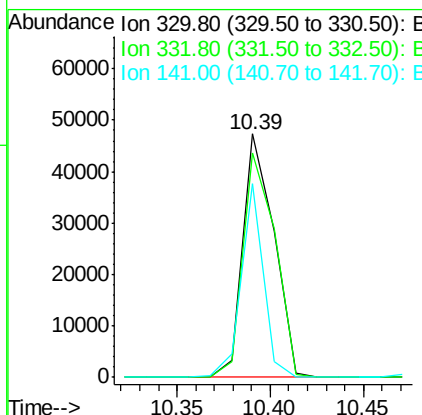
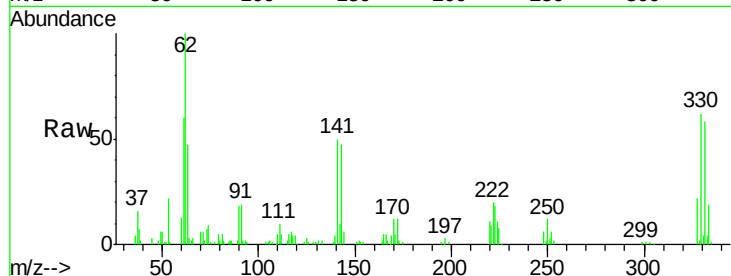
ClientSampleId :

PB85099BS

Tot Ion:	330	Resp:	54891
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.3	115.9
141	56.9	44.9	67.3

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 26.23 ng

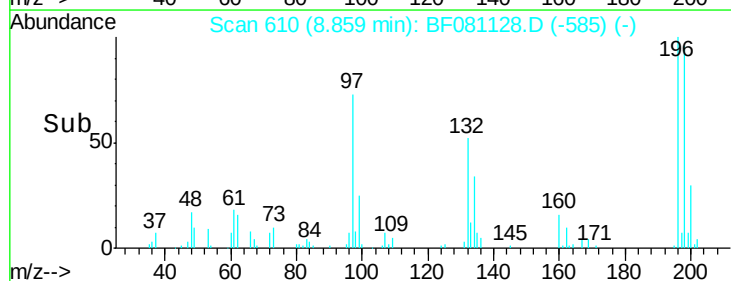
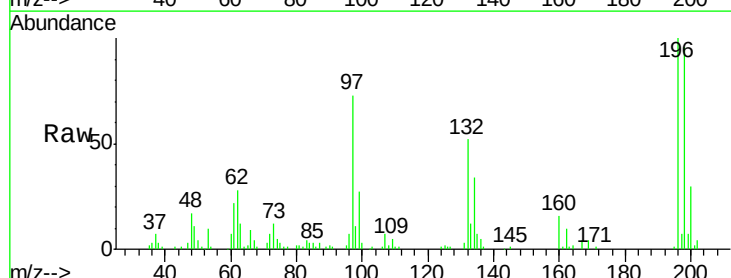
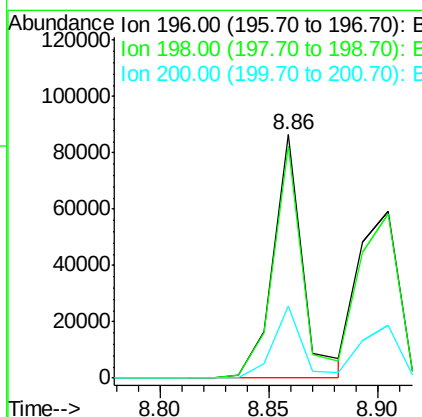
RT: 8.86 min Scan# 610

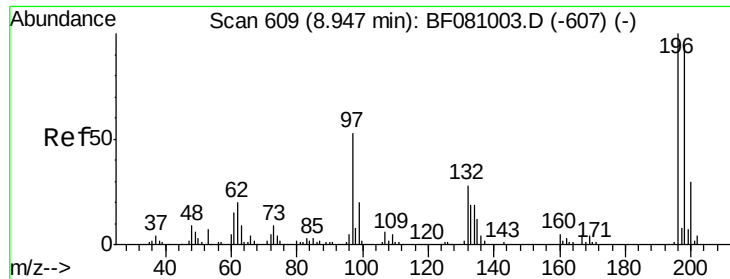
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	196	Resp:	81806
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	111.8
200	29.7	22.7	34.1





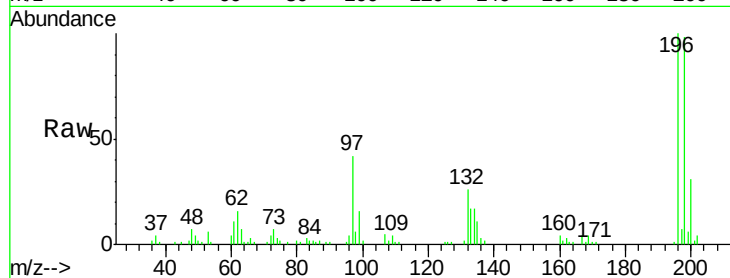
#43
 2,4,5-Trichlorophenol
 Concen: 24.58 ng
 RT: 8.90 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampled :
 PB85099BS

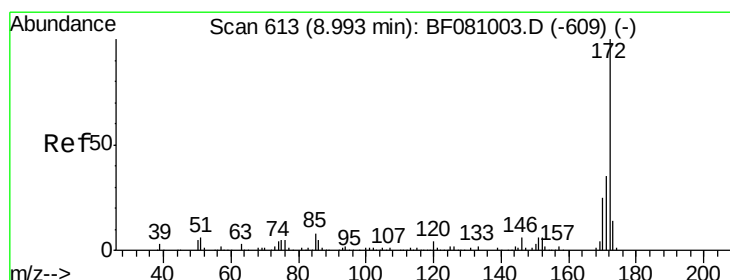
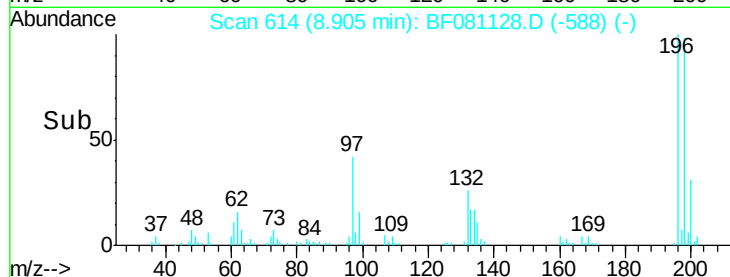
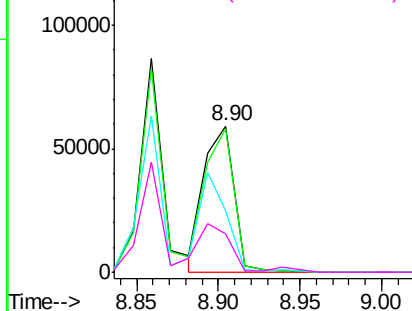
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		76625		
198	98.2	78.3	117.5		
97	42.2	42.7	64.1#		
132	26.2	23.3	34.9		

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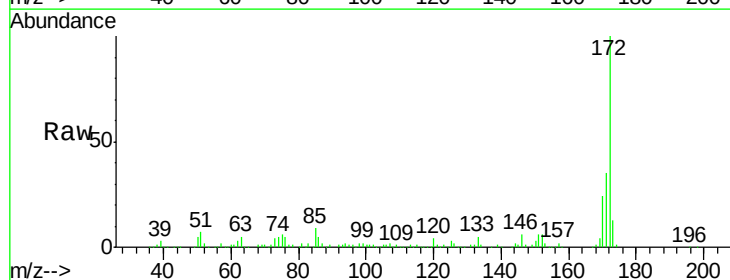


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

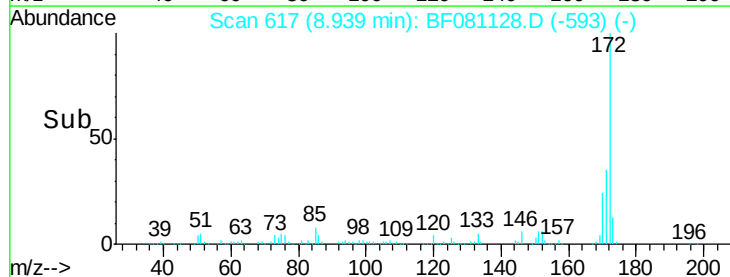
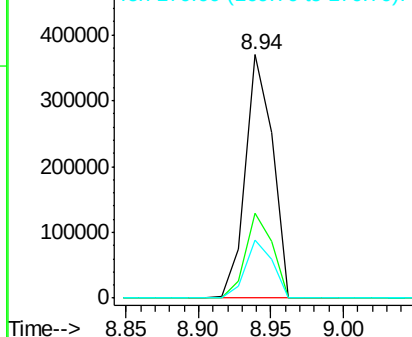


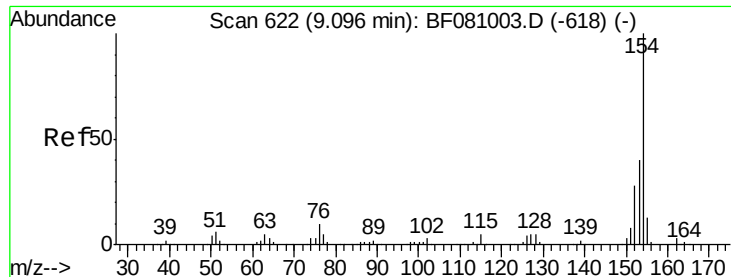
#44
 2-Fluorobiphenyl
 Concen: 46.03 ng
 RT: 8.94 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		480710		
171	35.0	28.9	43.3		
170	24.0	19.4	29.2		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 27.73 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

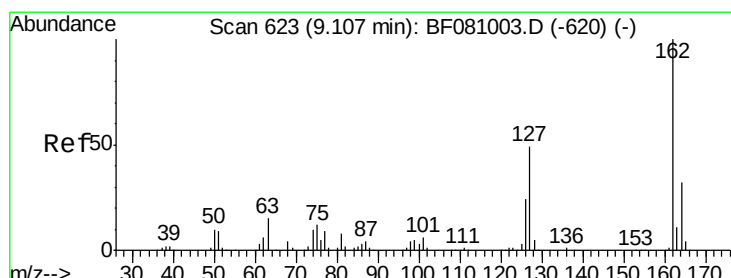
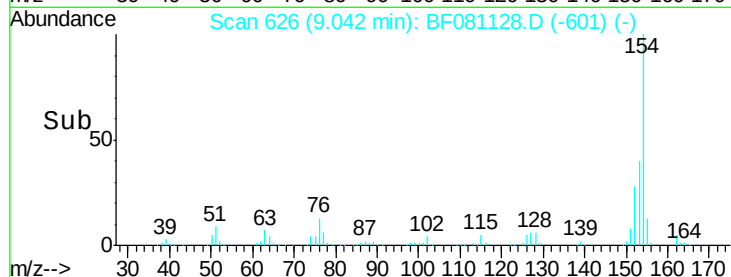
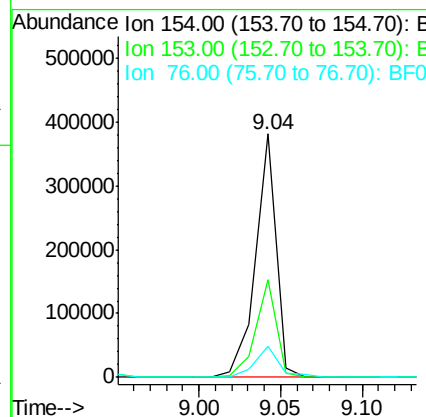
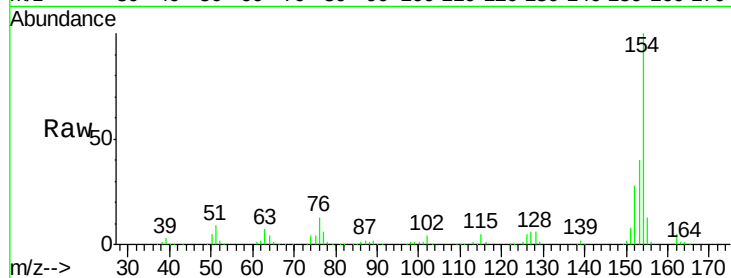
ClientSampleID :

PB85099BS

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Tot Ion:	154	Resp:	334257
Ion Ratio	Lower	Upper	
154	100		
153	40.0	19.5	59.5
76	12.6	0.0	29.3



#46

2-Chloronaphthalene

Concen: 24.78 ng

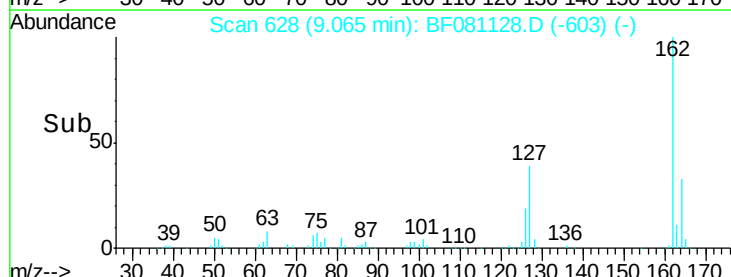
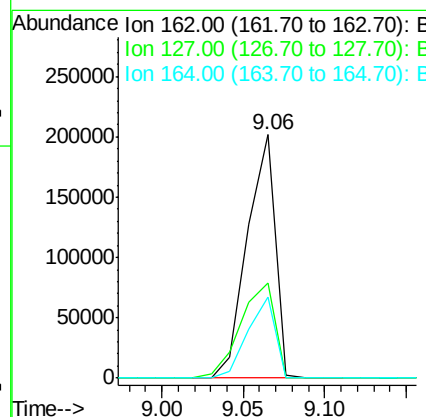
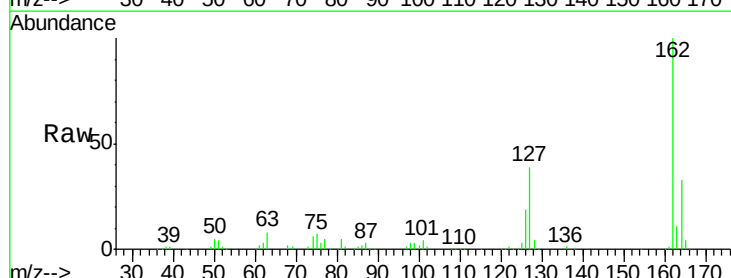
RT: 9.06 min Scan# 628

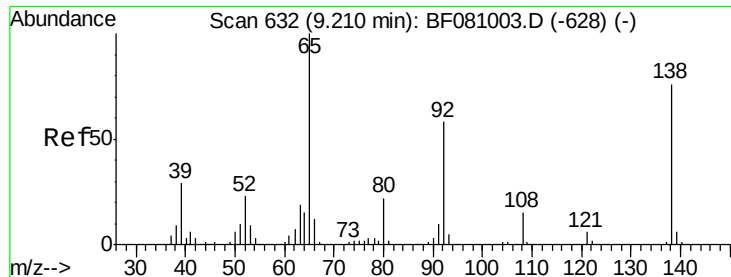
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	162	Resp:	239913
Ion Ratio	Lower	Upper	
162	100		
127	39.1	31.3	46.9
164	33.1	26.3	39.5





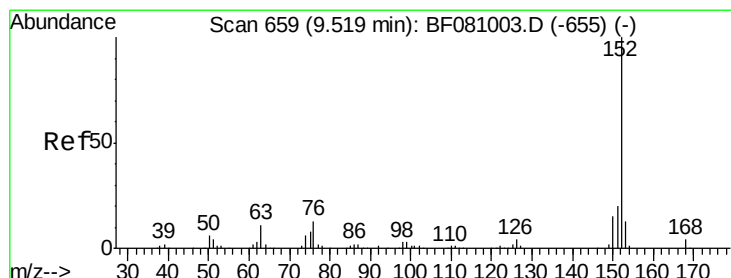
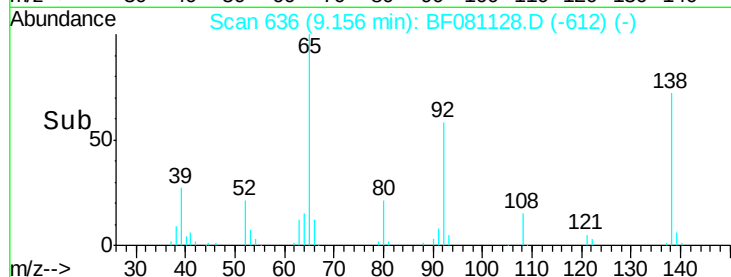
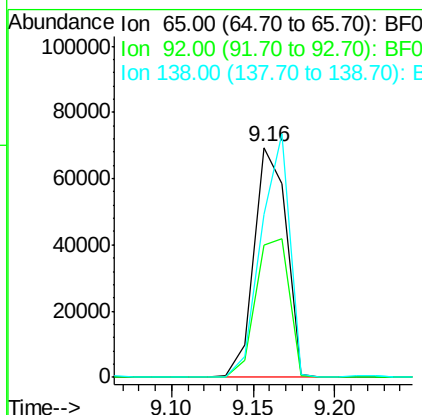
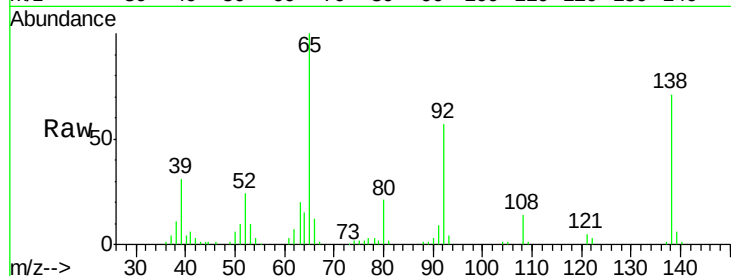
#47
 2-Nitroaniline
 Concen: 24.03 ng
 RT: 9.16 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion:	65	Resp:	95220
Ion Ratio	Lower	Upper	
65	100		
92	57.4	45.6	68.4
138	70.8	57.9	86.9

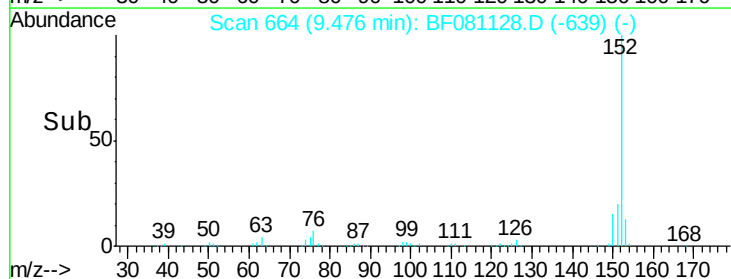
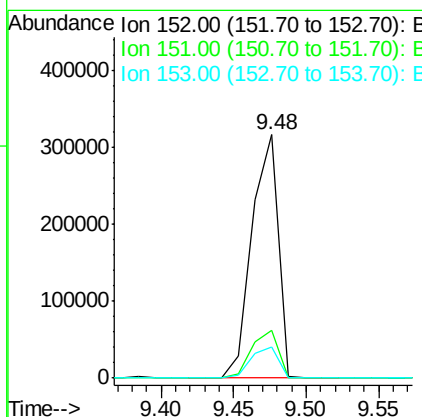
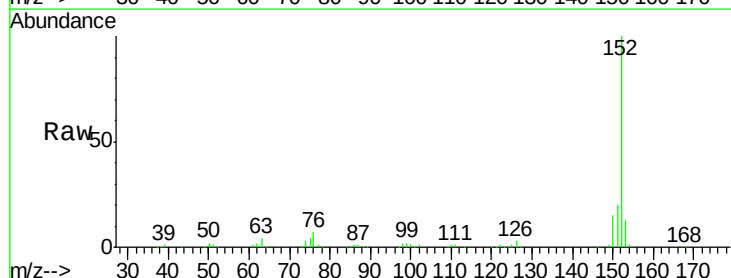
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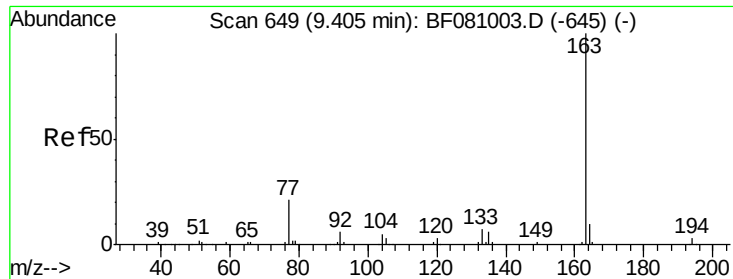
MMDadoda
 8/21/2015 2:03:30 PM



#48
 Acenaphthylene
 Concen: 22.99 ng
 RT: 9.48 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion:	152	Resp:	398174
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.1	24.1
153	12.7	9.8	14.6





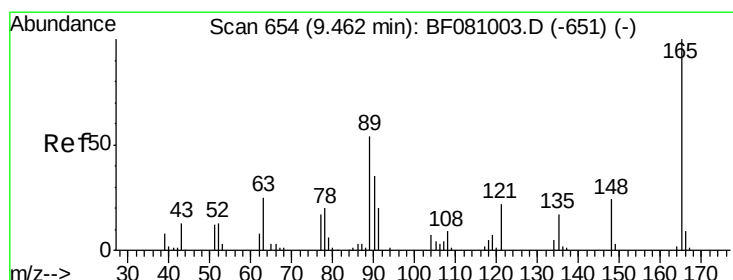
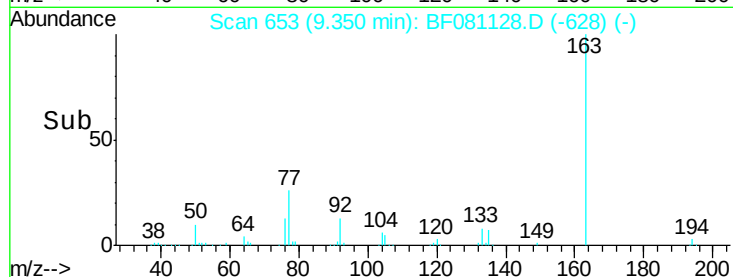
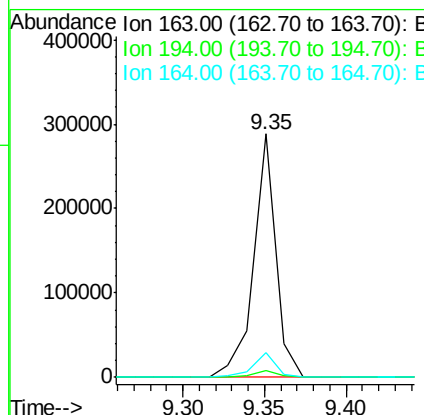
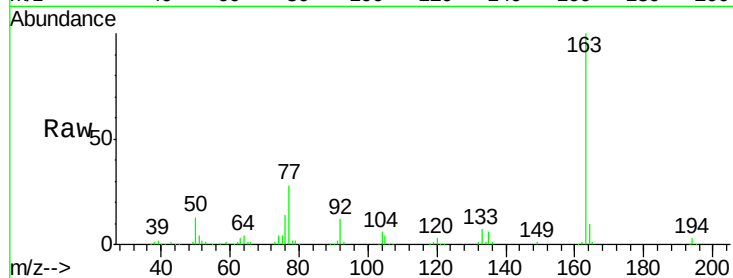
#49
Dimethylphthalate
Concen: 24.21 ng
RT: 9.35 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.0	2.5	3.7
164	10.3	8.1	12.1

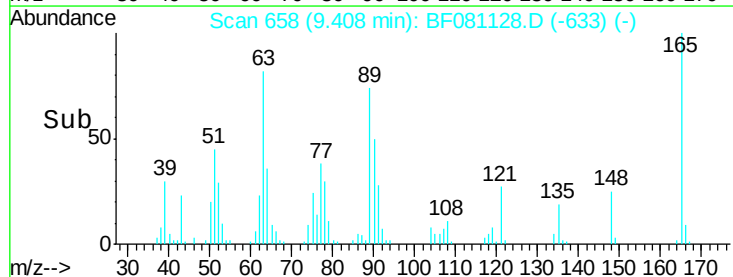
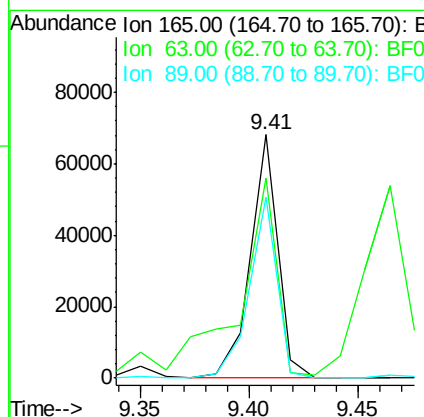
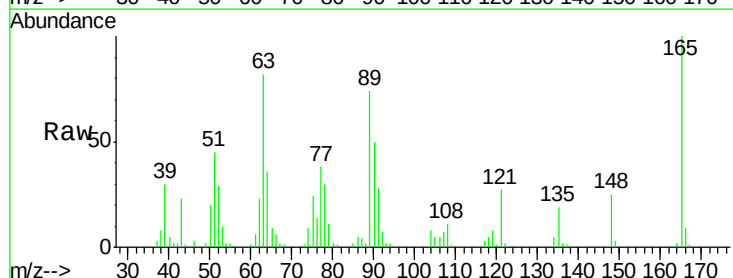
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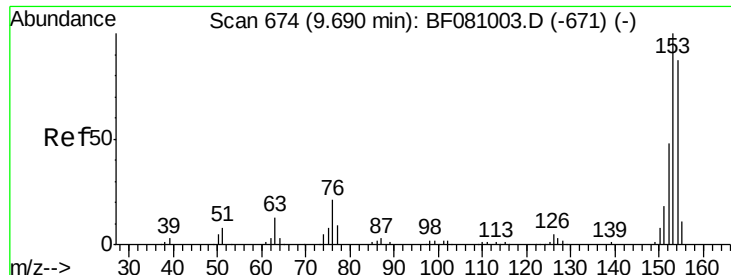
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#50
2,6-Dinitrotoluene
Concen: 24.77 ng
RT: 9.41 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	82.3	49.5	74.3#
89	74.4	47.6	71.4#





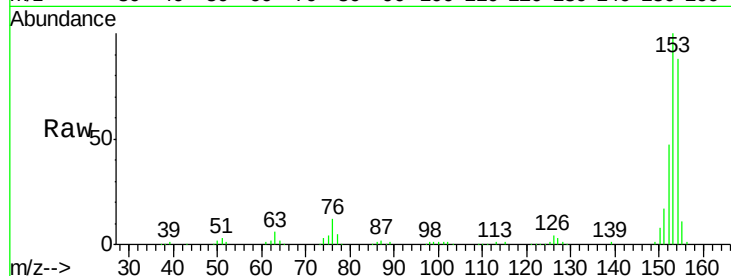
#51
Acenaphthene
Concen: 23.26 ng
RT: 9.65 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

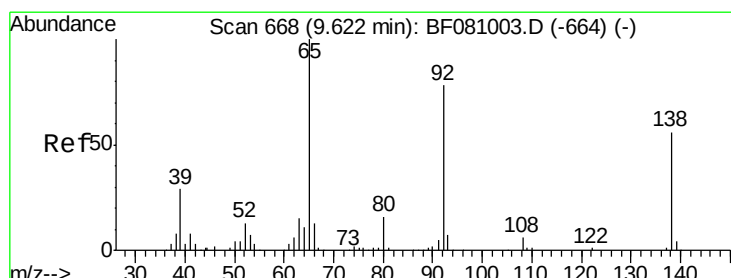
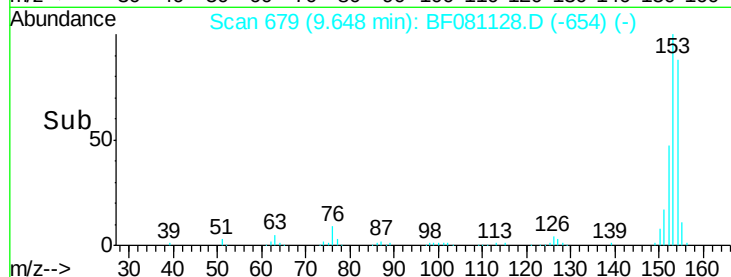
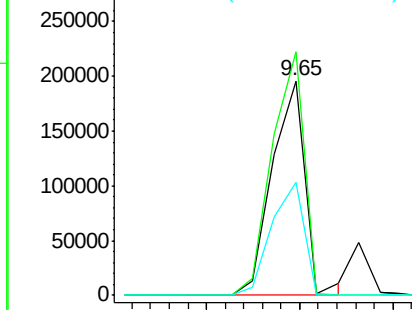
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.4	137.2
152	53.0	43.7	65.5

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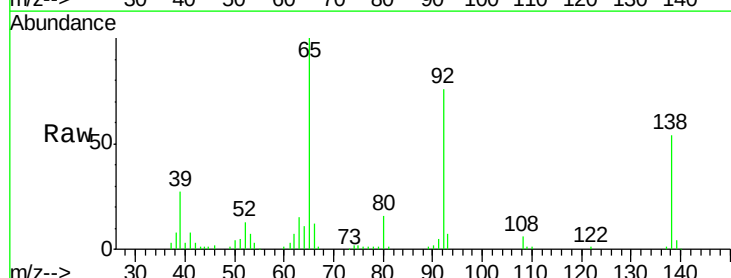


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

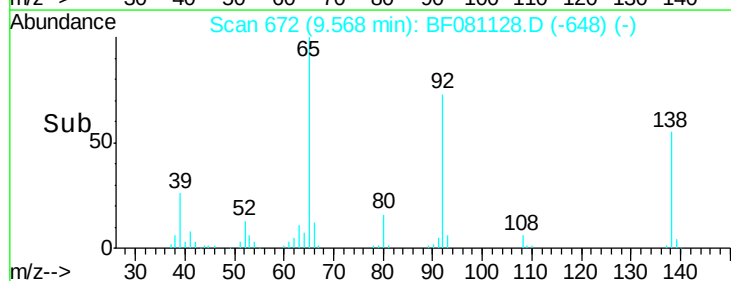
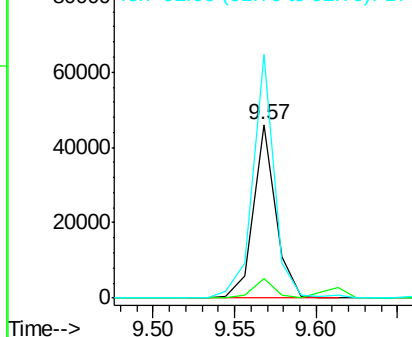


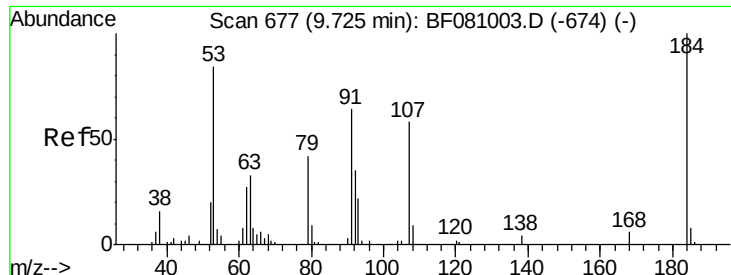
#52
3-Nitroaniline
Concen: 14.41 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.2
92	140.3	113.2	169.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





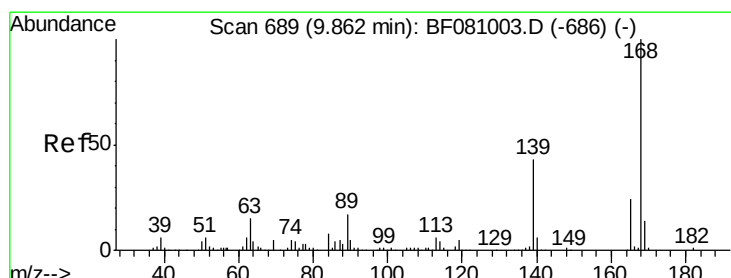
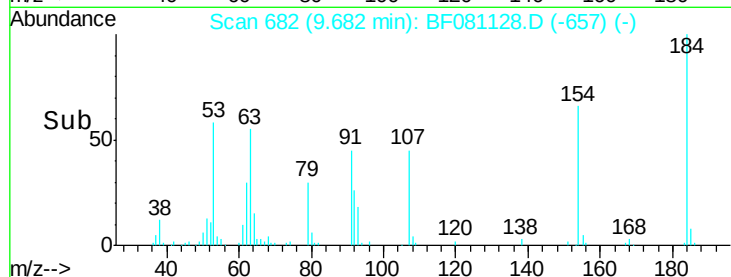
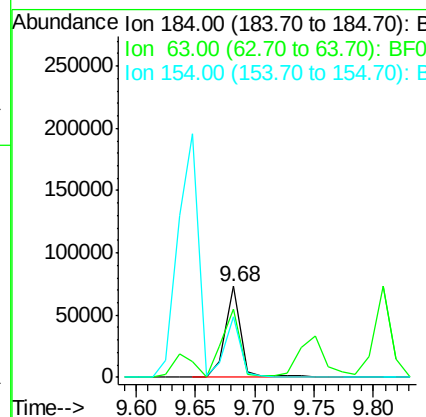
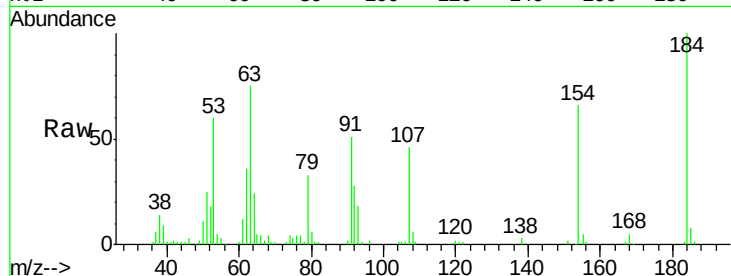
#53
2,4-Dinitrophenol
Concen: 53.05 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	75.3	101.7	152.5#	
154	66.1	67.4	101.0#	

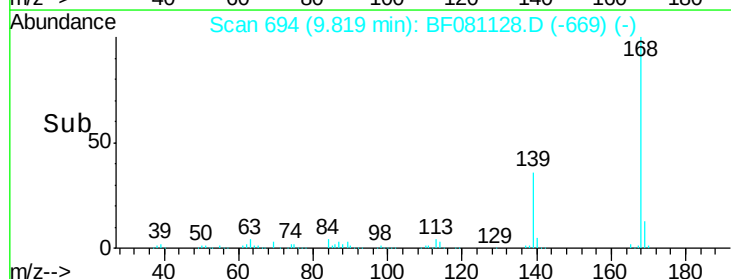
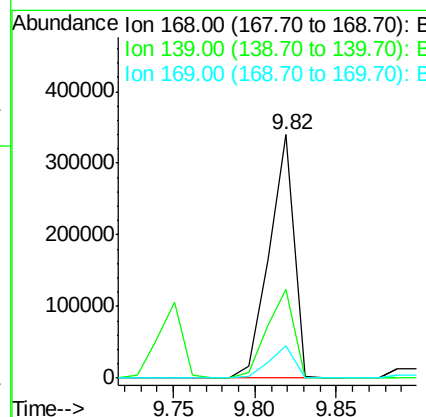
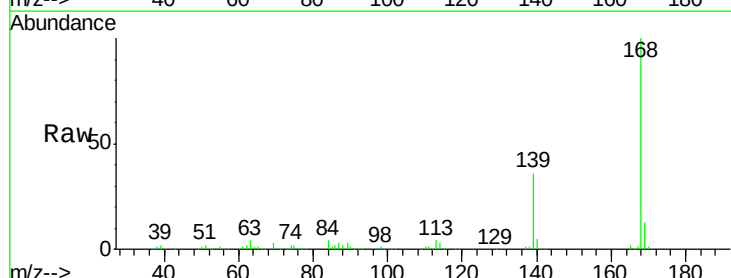
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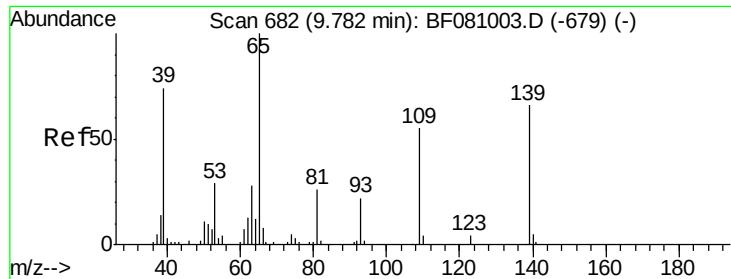
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#54
Dibenzofuran
Concen: 25.96 ng
RT: 9.82 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.4	29.3	43.9	
169	13.2	10.3	15.5	





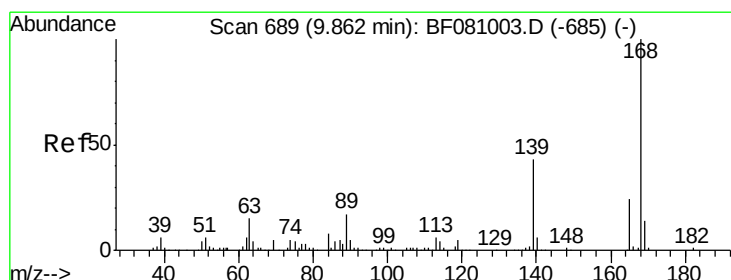
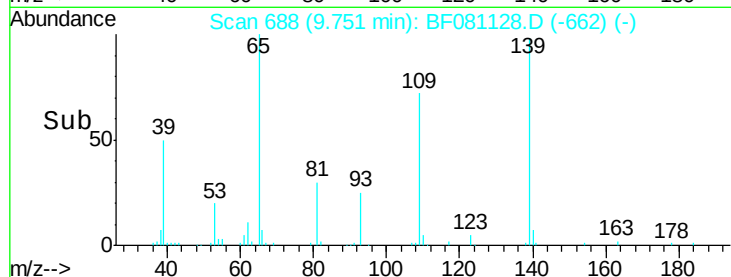
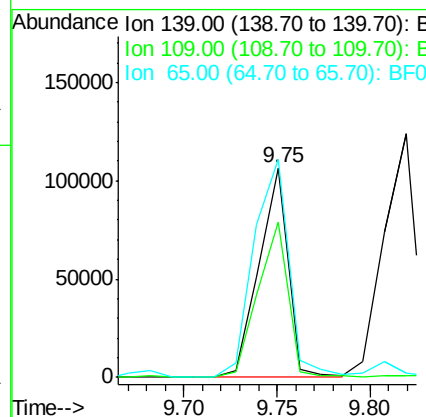
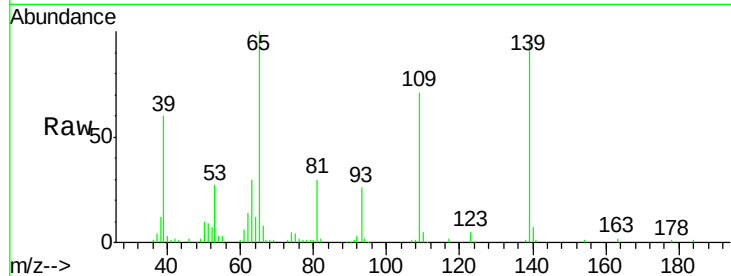
#55
4-Nitrophenol
Concen: 53.88 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	73.8	80.0	120.0#	
65	103.8	138.3	178.3#	

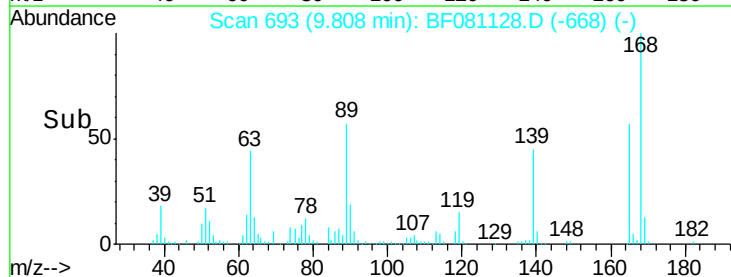
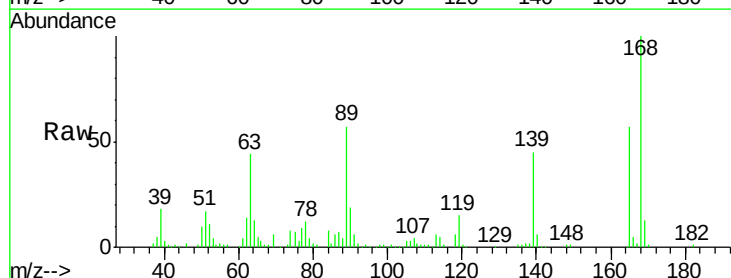
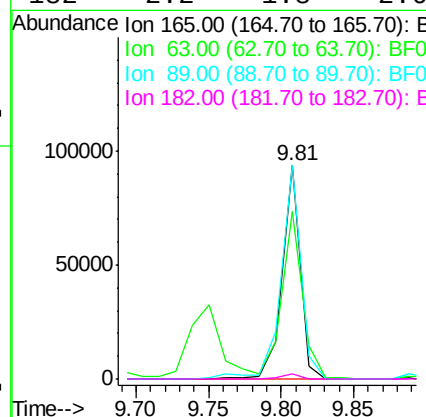
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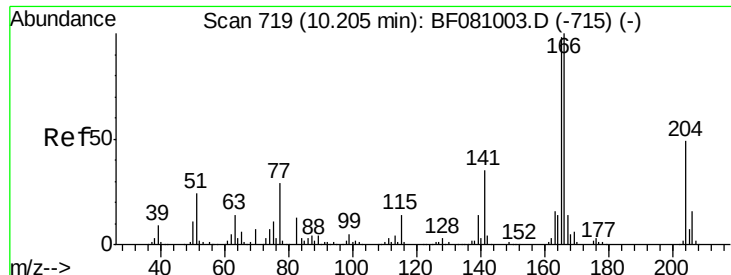
MMDadoda
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#56
2,4-Dinitrotoluene
Concen: 25.14 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	78.3	52.2	78.4	
89	100.1	60.1	90.1#	
182	2.2	1.8	2.6	





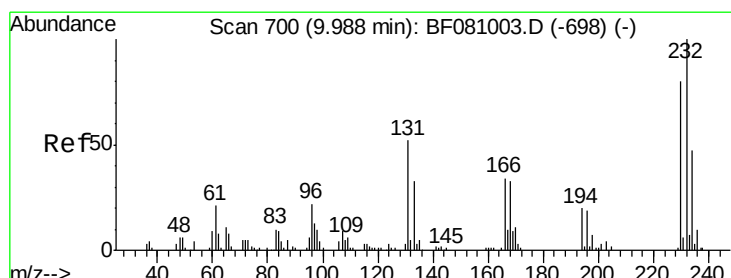
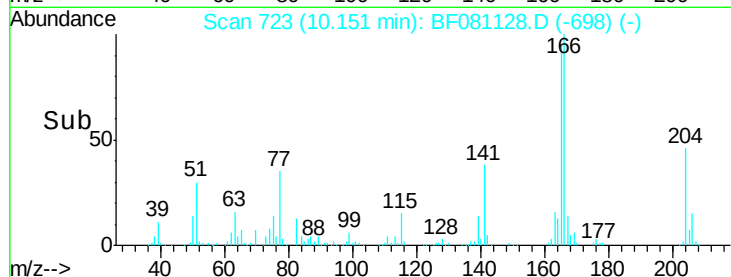
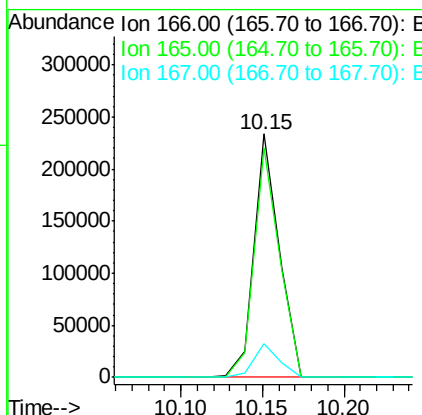
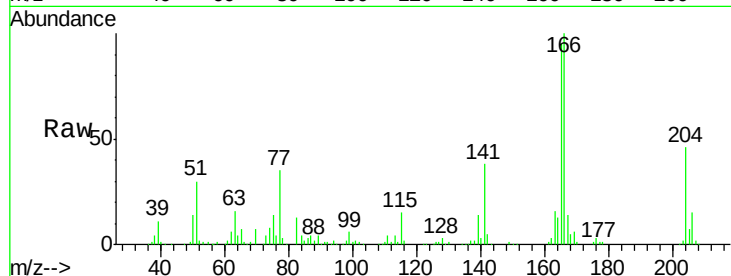
#57
 Fluorene
 Concen: 23.51 ng
 RT: 10.15 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	251301		
165	94.5	75.8	113.8	
167	13.7	11.3	16.9	

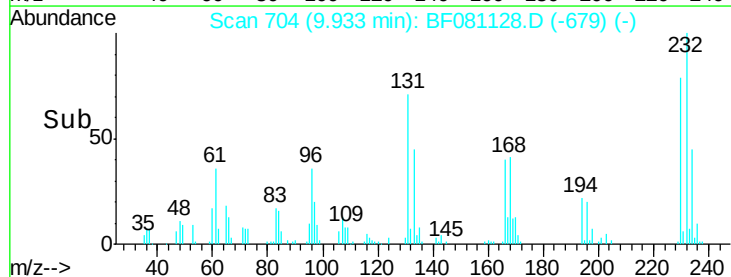
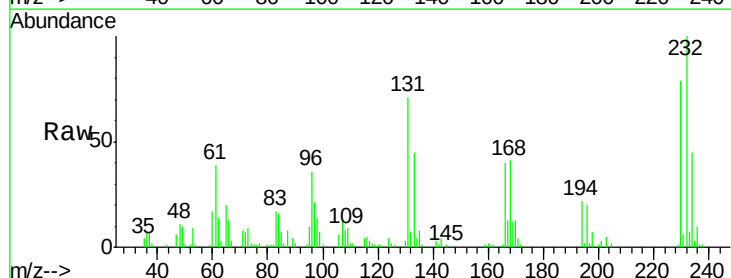
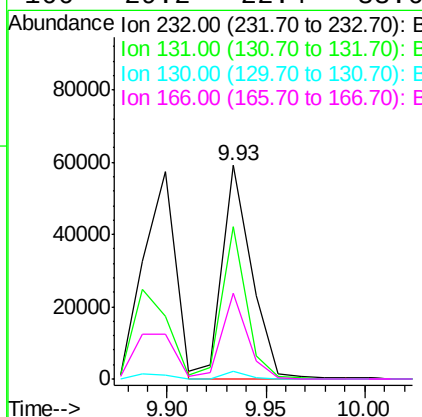
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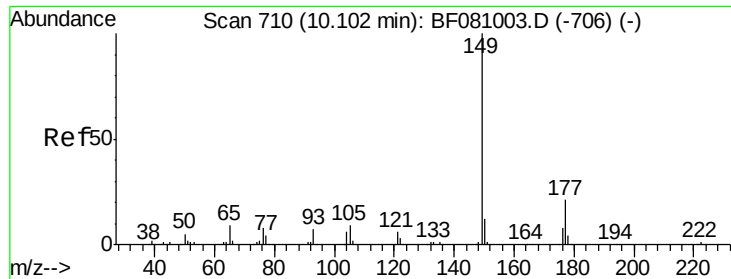
MMDadoda
 8/21/2015 2:03:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 25.28 ng m
 RT: 9.93 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	60998		
131	49.7	42.2	63.4	
130	2.6	2.1	3.1	
166	29.2	22.4	33.6	





#59

Diethylphthalate

Concen: 25.59 ng

RT: 10.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

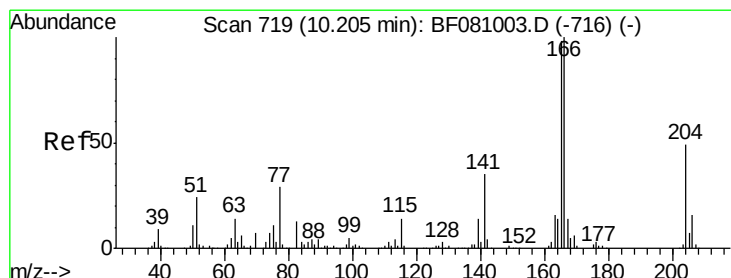
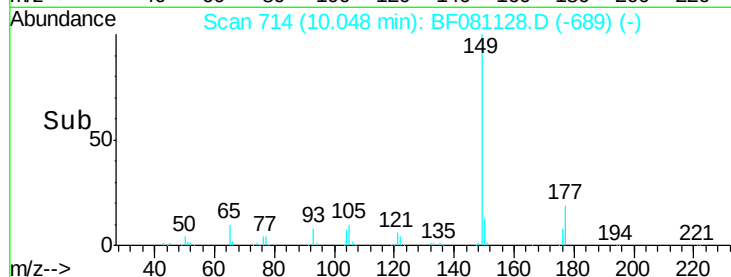
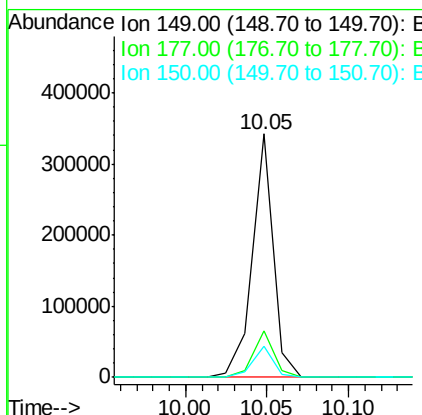
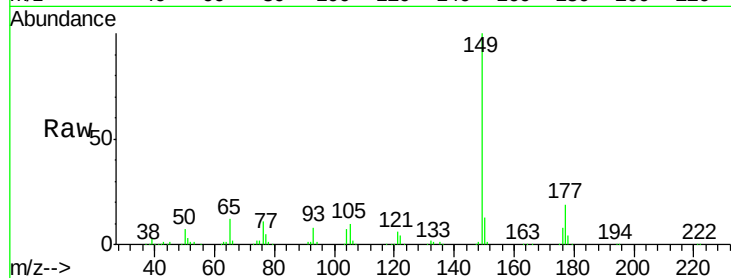
ClientSampleId :

PB85099BS

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Tot Ion:	149	Resp:	305242
Ion Ratio	Lower	Upper	
149	100		
177	19.0	14.1	21.1
150	12.6	10.3	15.5



#60

4-Chlorophenyl-phenylether

Concen: 24.50 ng

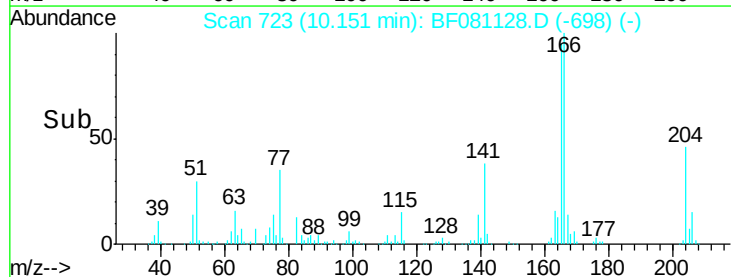
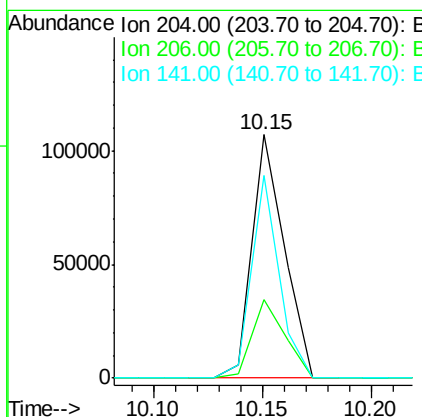
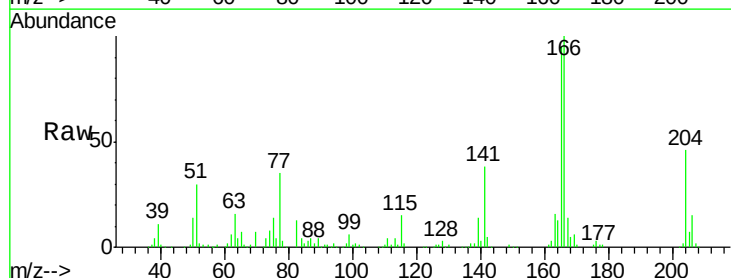
RT: 10.15 min Scan# 723

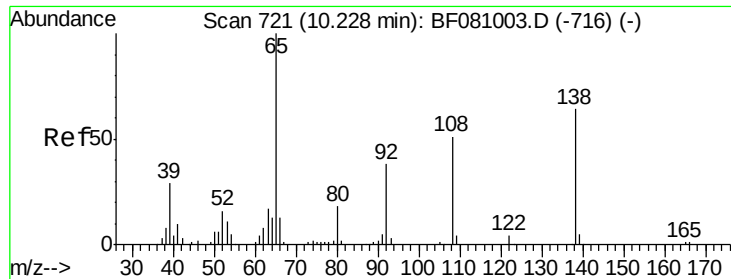
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	204	Resp:	110823
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.2	39.2
141	83.1	59.6	89.4





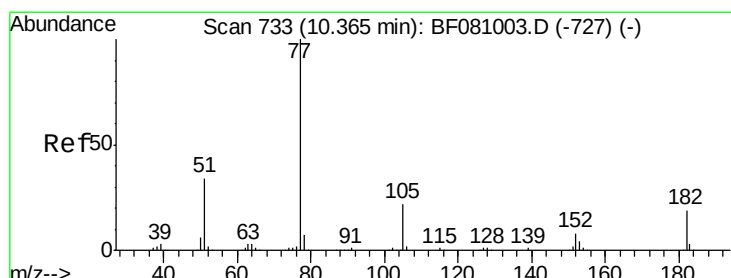
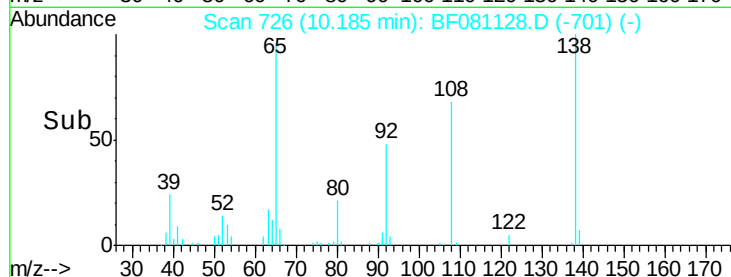
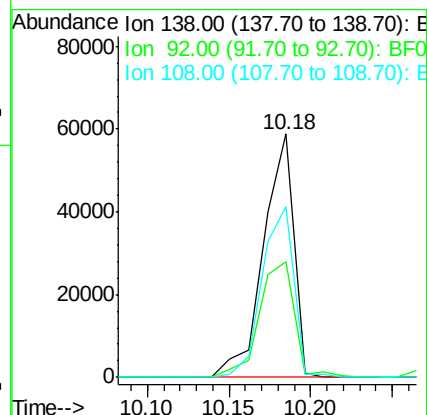
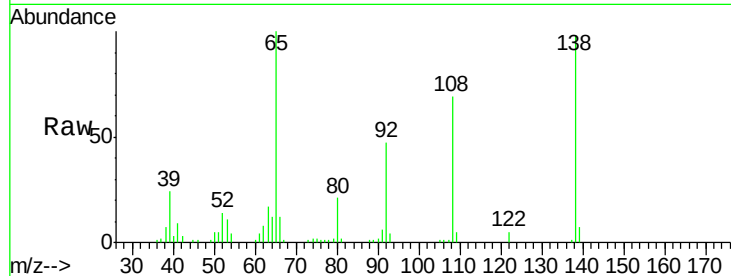
#61
4-Nitroaniline
Concen: 24.58 ng
RT: 10.18 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.7	34.7	74.7
108	70.1	68.9	108.9

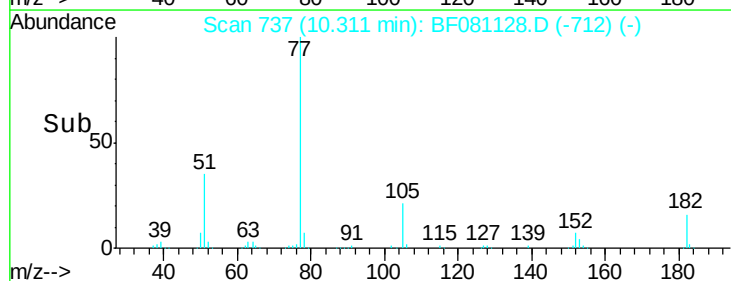
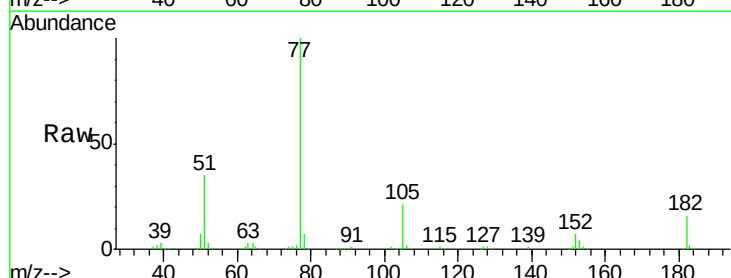
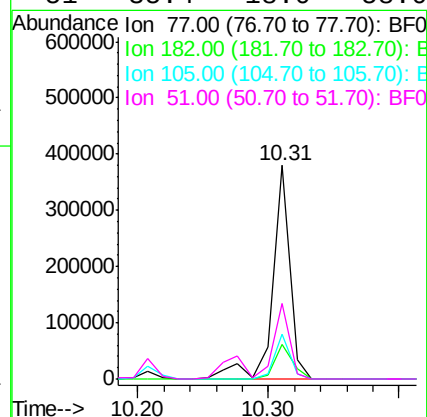
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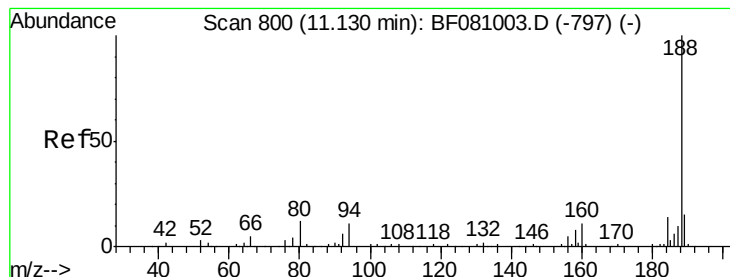
MMDadoda
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#62
Azobenzene
Concen: 26.02 ng
RT: 10.31 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.4	0.0	39.0
105	21.0	0.2	40.2
51	35.4	18.0	58.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

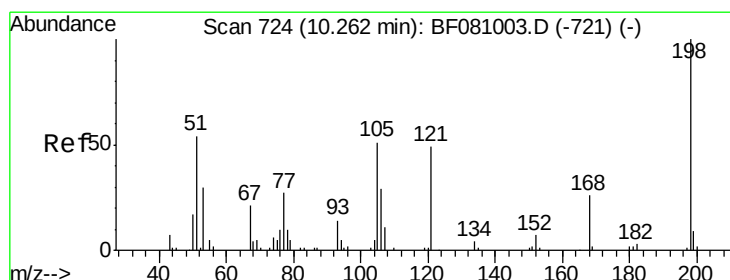
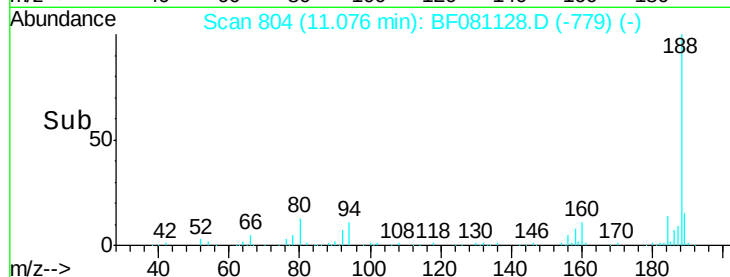
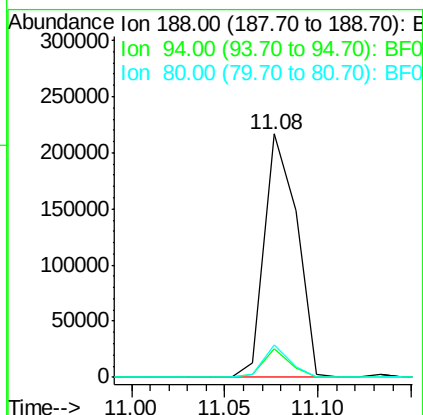
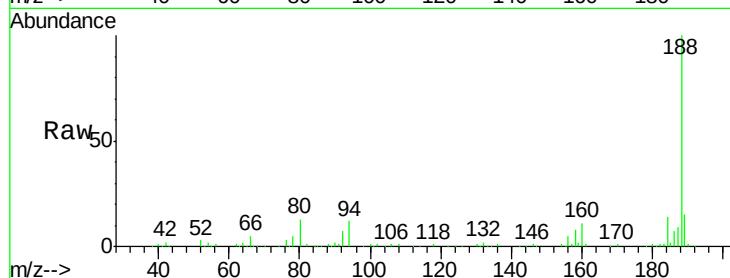
ClientSampleId :

PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	261961		
94	11.6	8.2	12.2	
80	13.2	9.5	14.3	

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#64

4,6-Dinitro-2-methylphenol

Concen: 24.53 ng

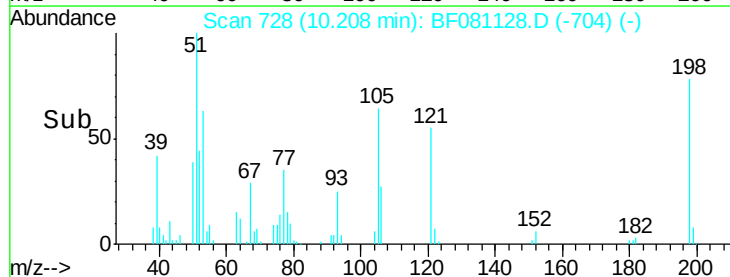
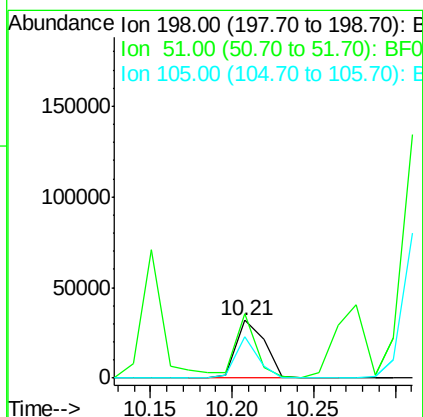
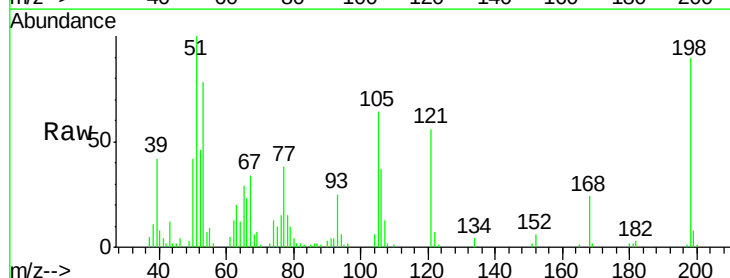
RT: 10.21 min Scan# 728

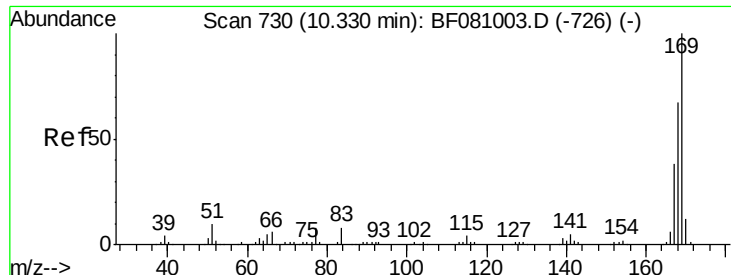
Delta R.T. -0.02 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	38377		
51	111.5	79.7	119.7	
105	71.6	47.0	87.0	





#65

n-Nitrosodiphenylamine

Concen: 27.55 ng

RT: 10.28 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

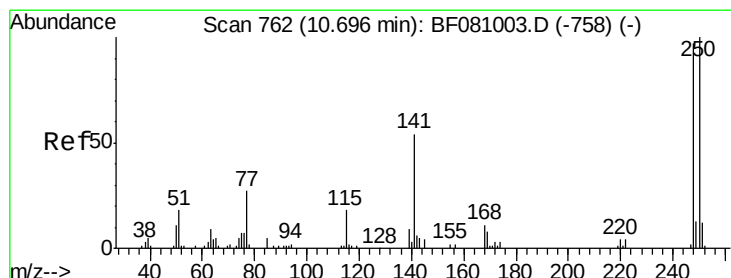
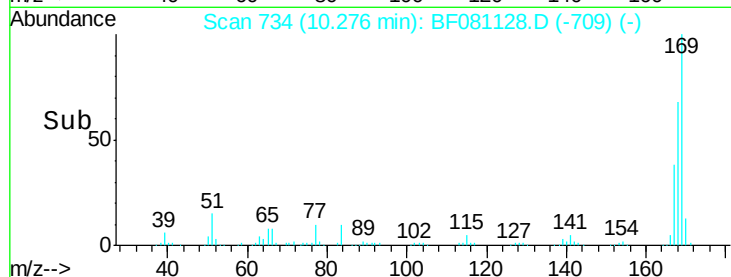
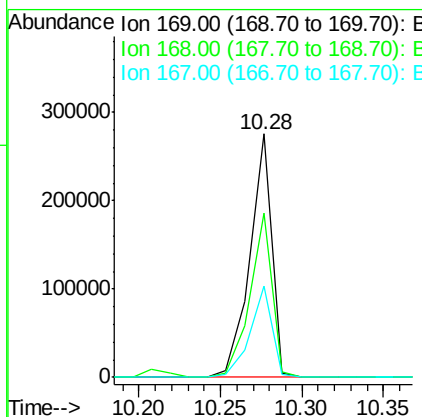
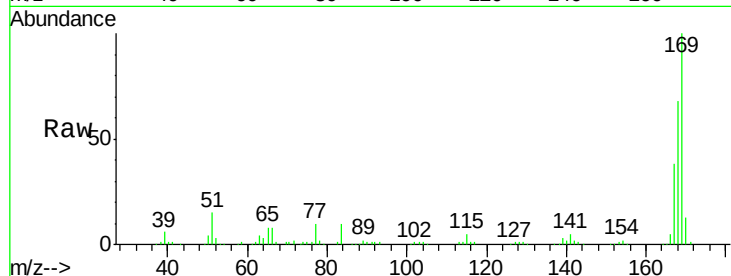
ClientSampleId :

PB85099BS

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Tot Ion:	169	Resp:	257589
Ion Ratio	Lower	Upper	
169	100		
168	67.7	55.3	82.9
167	37.7	30.8	46.2



#66

4-Bromophenyl-phenylether

Concen: 27.98 ng

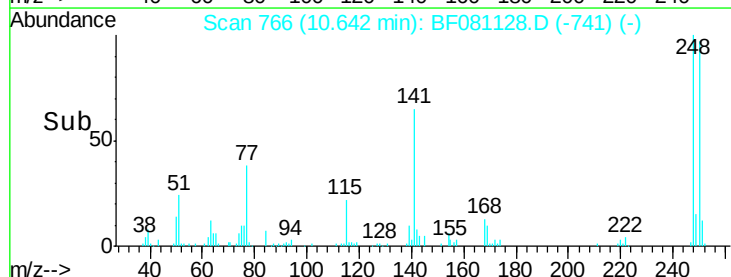
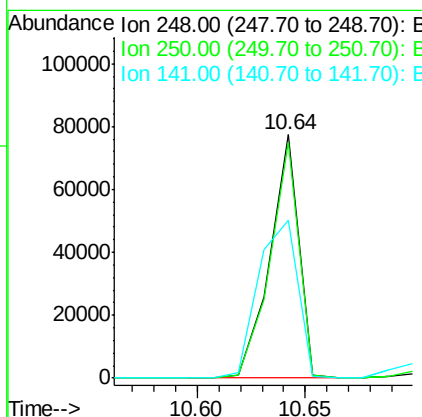
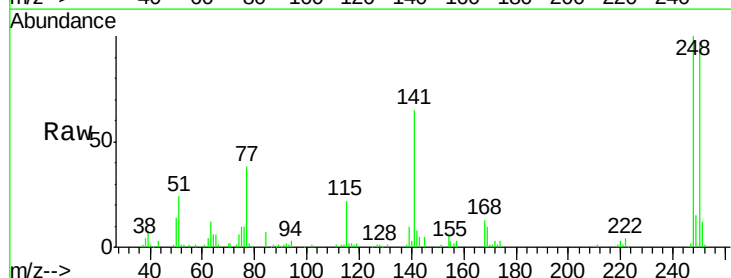
RT: 10.64 min Scan# 766

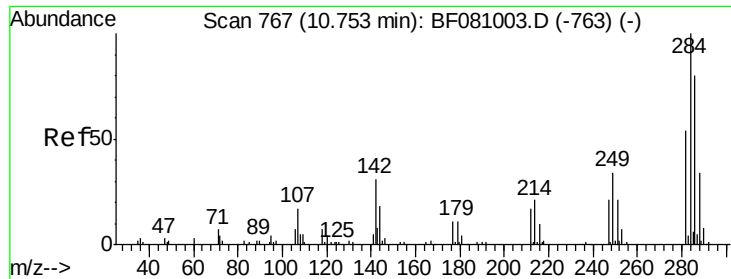
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion:	248	Resp:	72008
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.8	116.6
141	64.8	39.8	59.6#





#67

Hexachlorobenzene

Concen: 29.00 ng

RT: 10.70 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF081128.D

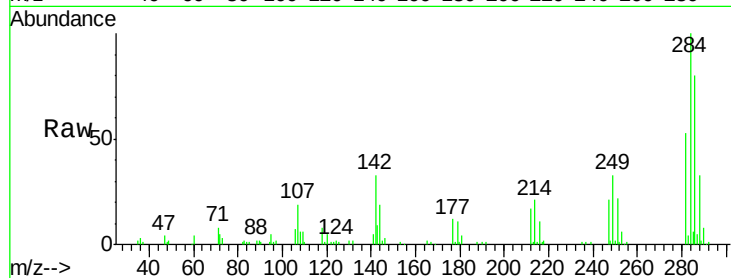
Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

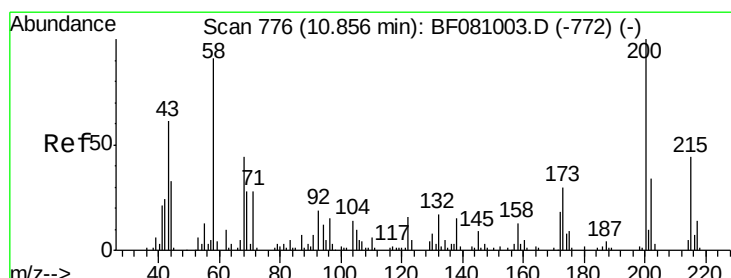
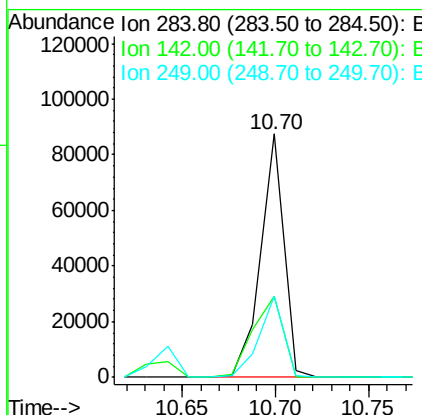
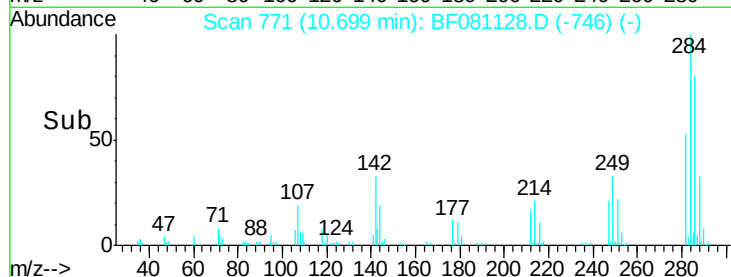
PB85099BS



Tot Ion:	284	Resp:	75588
Ion Ratio	Lower	Upper	
284	100		
142	33.2	25.4	38.0
249	33.2	28.5	42.7

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#68

Atrazine

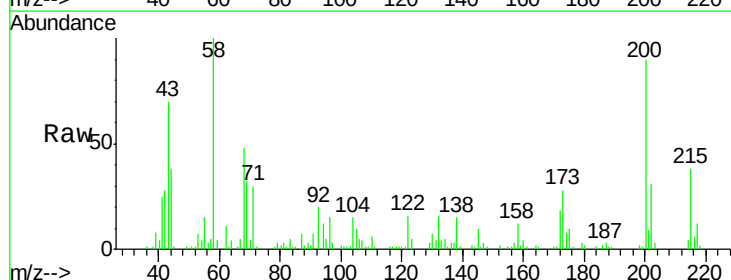
Concen: 29.66 ng

RT: 10.80 min Scan# 780

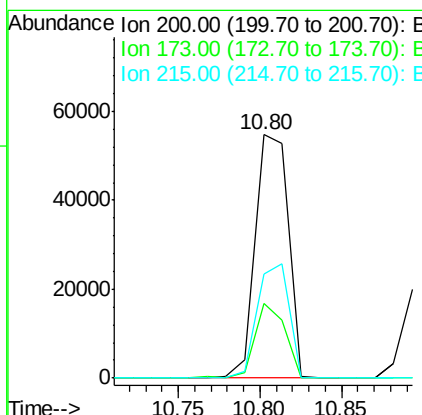
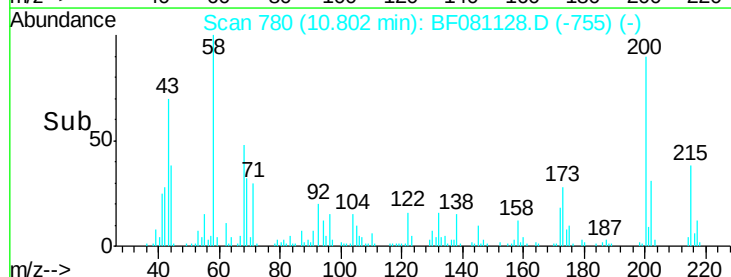
Delta R.T. -0.01 min

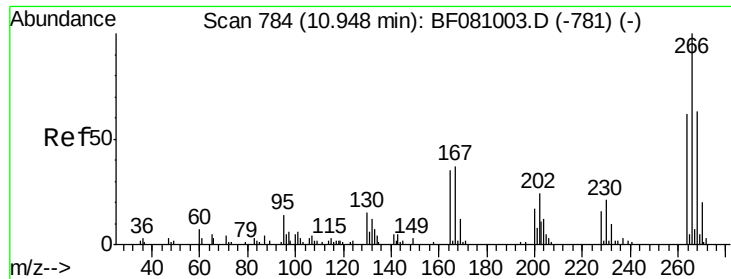
Lab File: BF081128.D

Acq: 20 Aug 2015 17:03



Tgt Ion:	200	Resp:	77273
Ion Ratio	Lower	Upper	
200	100		
173	30.7	8.1	48.1
215	42.5	23.3	63.3





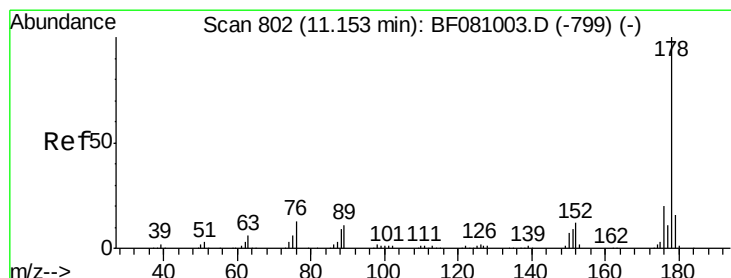
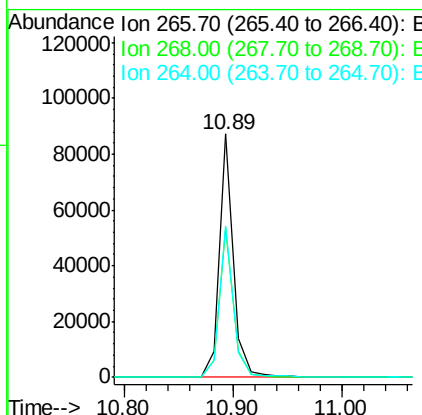
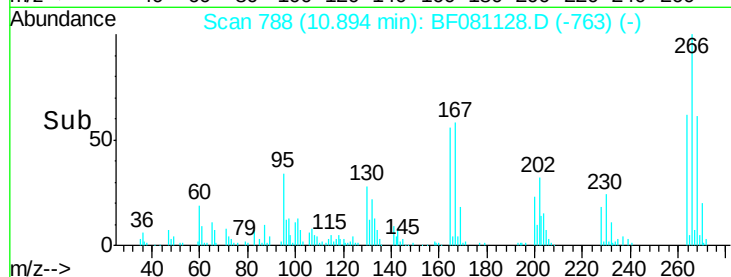
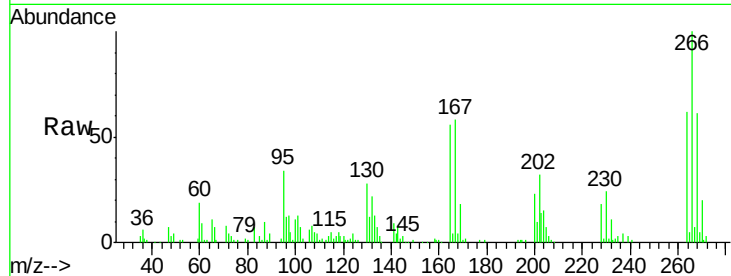
#69
 Pentachlorophenol
 Concen: 50.41 ng
 RT: 10.89 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	78833		
268	61.2		51.2	76.8
264	62.4		50.6	75.8

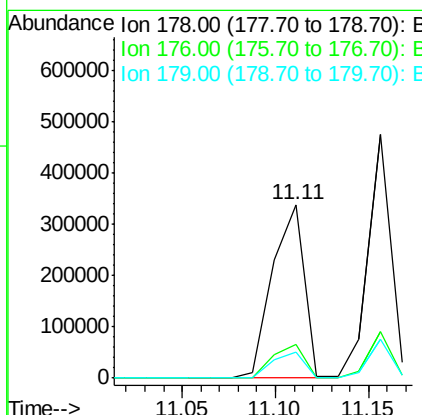
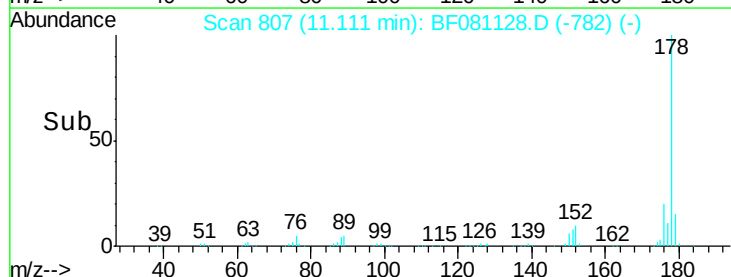
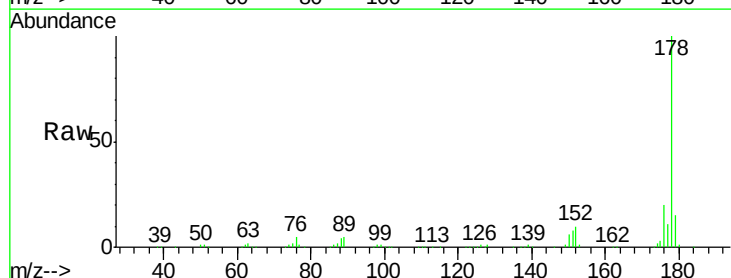
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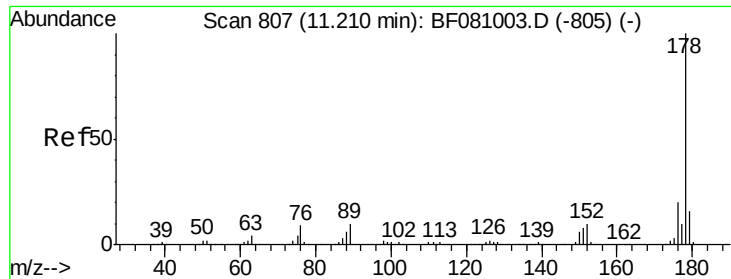
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#70
 Phenanthrene
 Concen: 25.86 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	401406		
176	19.6		15.7	23.5
179	15.1		12.2	18.2





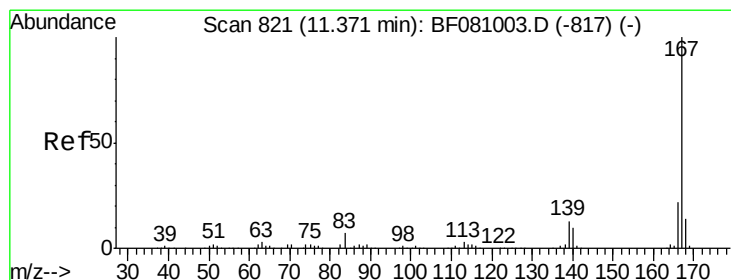
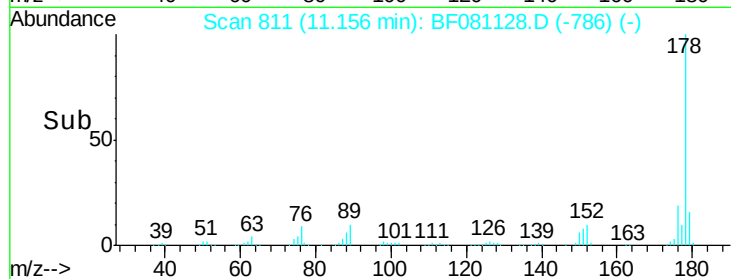
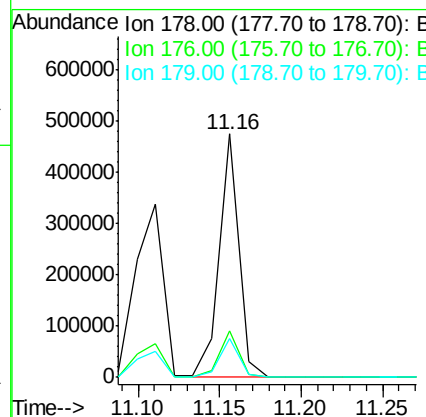
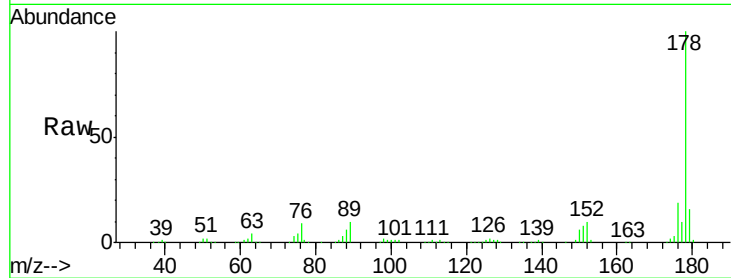
#71
 Anthracene
 Concen: 26.46 ng
 RT: 11.16 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.9	12.7	19.1

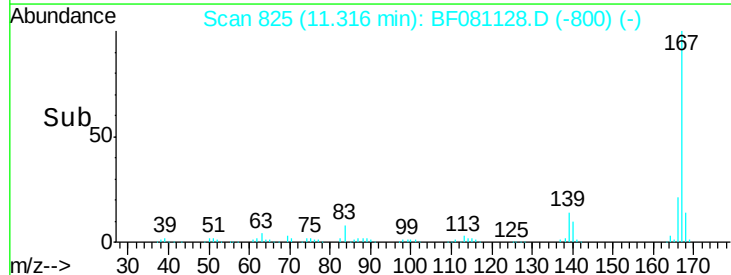
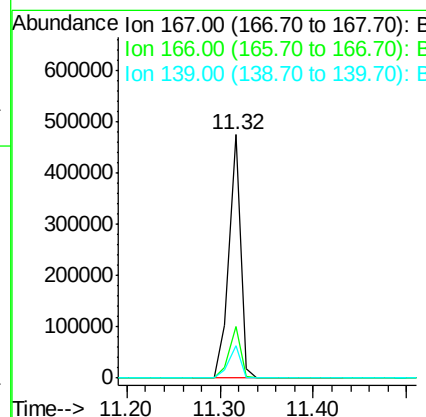
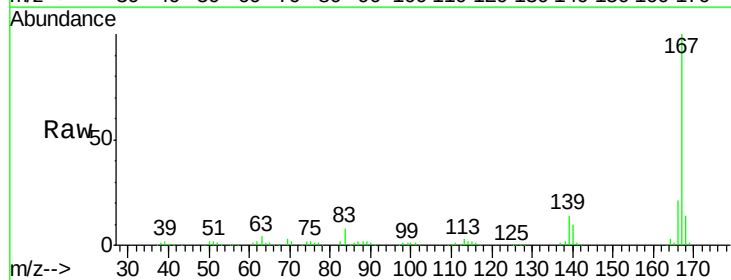
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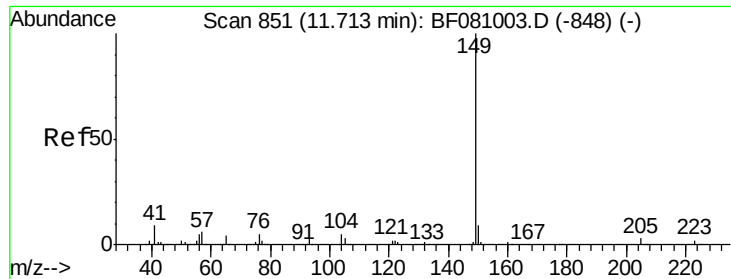
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#72
 Carbazole
 Concen: 28.40 ng
 RT: 11.32 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.6	10.6	16.0





#73

Di-n-butylphthalate

Concen: 26.53 ng

RT: 11.66 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

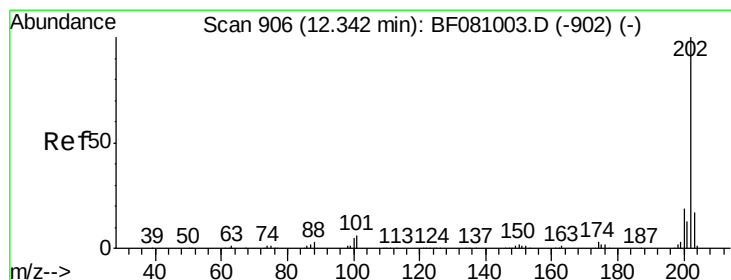
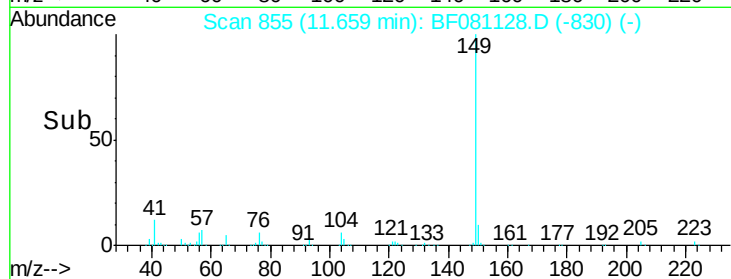
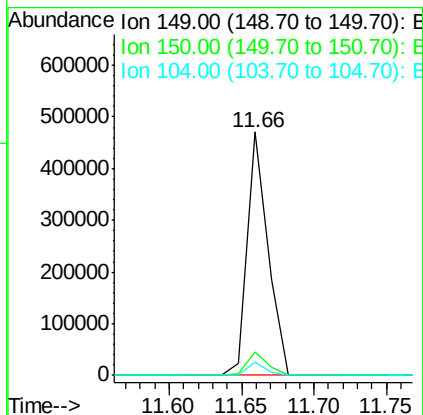
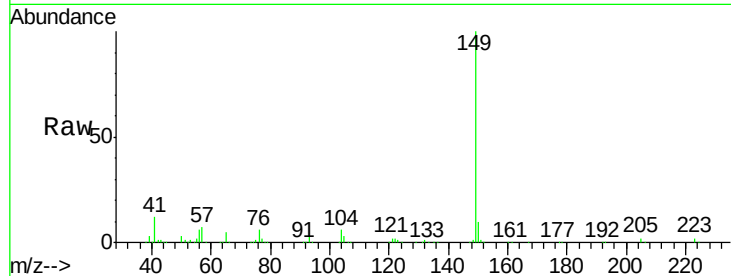
ClientSampleId :

PB85099BS

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Tot Ion	149	Resp	466998
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.1	10.7
104	5.5	3.9	5.9



#74

Fluoranthene

Concen: 26.06 ng

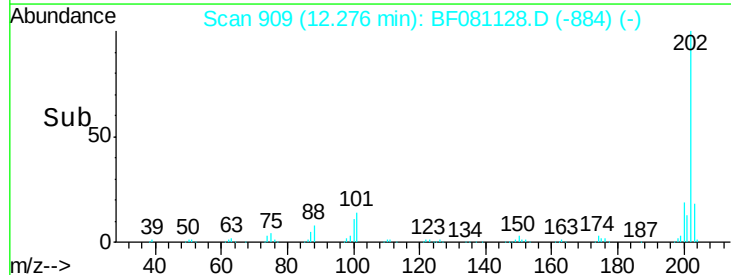
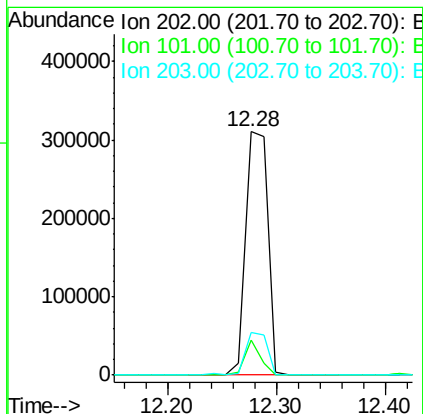
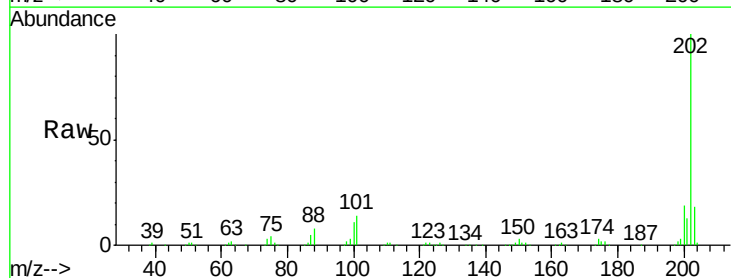
RT: 12.28 min Scan# 909

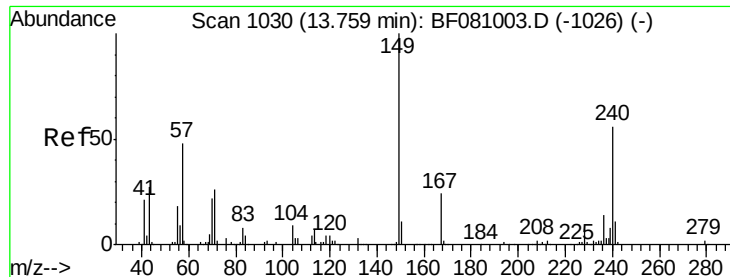
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion	202	Resp	436626
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	24.8
203	17.5	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

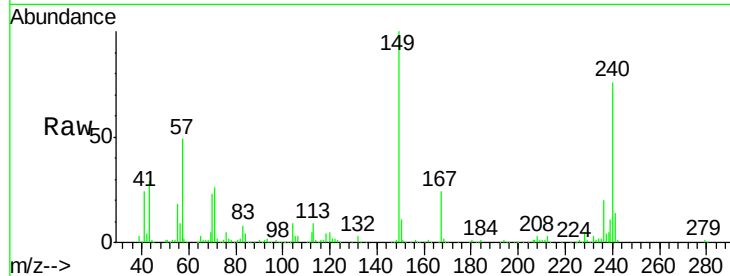
ClientSampleId :

PB85099BS

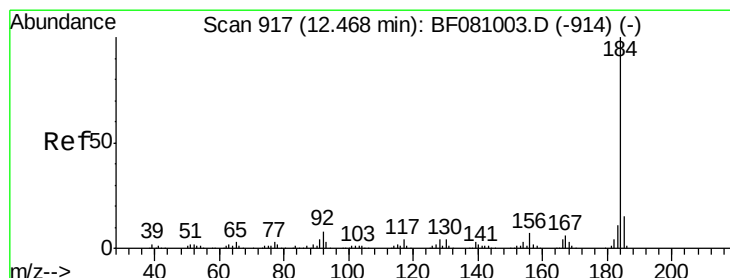
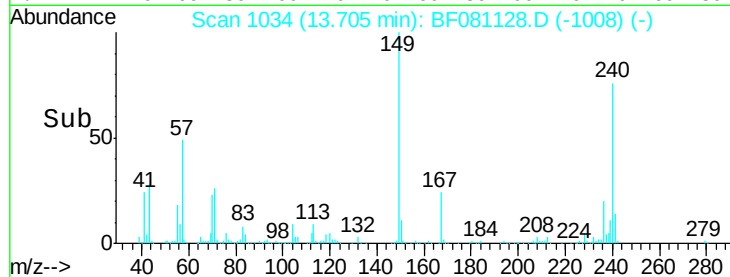
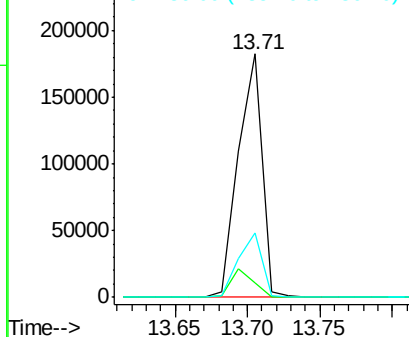
Tot Ion:	240	Resp:	207624
Ion Ratio	Lower	Upper	
240	100		
120	6.0	5.6	8.4
236	26.4	20.6	30.8

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



#76

Benzidine

Concen: 22.67 ng

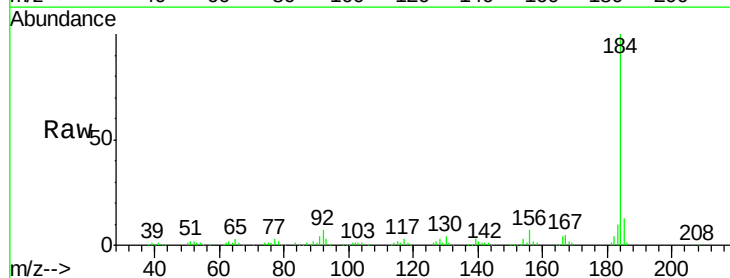
RT: 12.41 min Scan# 921

Delta R.T. -0.01 min

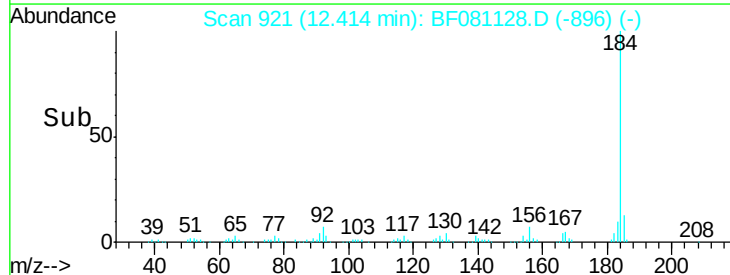
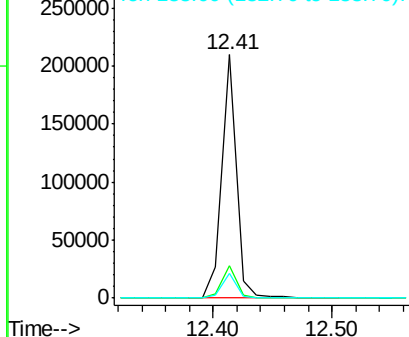
Lab File: BF081128.D

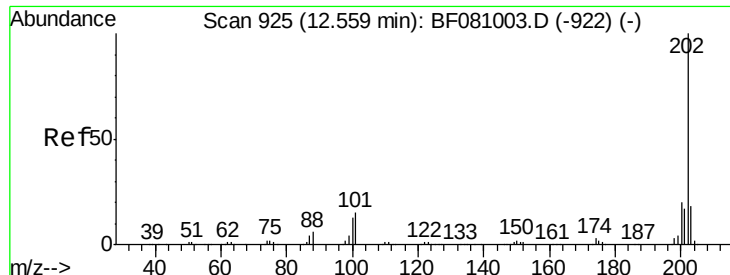
Acq: 20 Aug 2015 17:03

Tgt Ion:	184	Resp:	177812
Ion Ratio	Lower	Upper	
184	100		
185	13.4	12.0	18.0
183	10.4	8.9	13.3



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





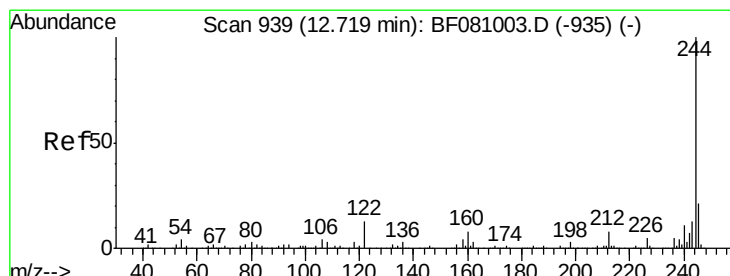
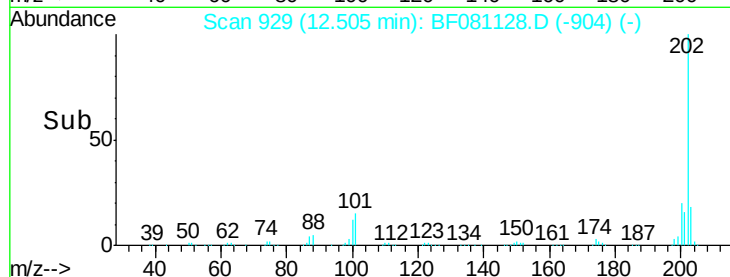
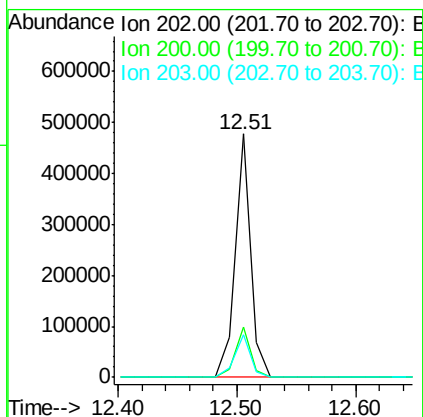
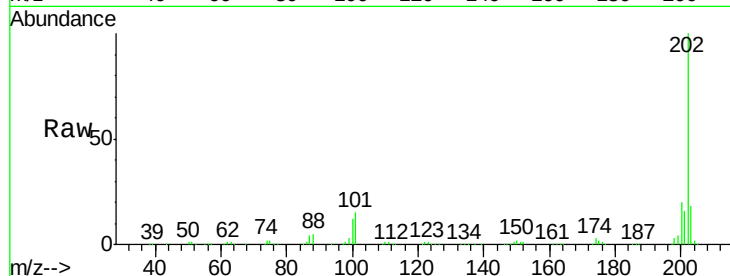
#77
Pvrene
Concen: 25.59 ng
RT: 12.51 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.4	16.6	24.8	
203	17.7	14.1	21.1	

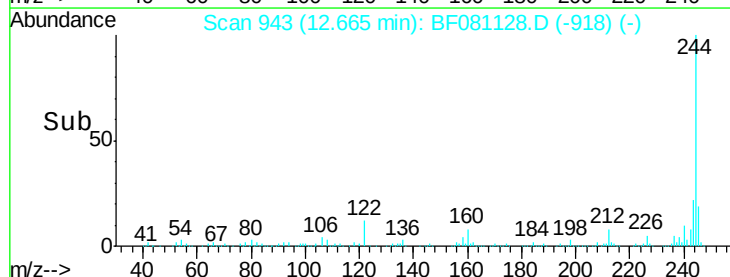
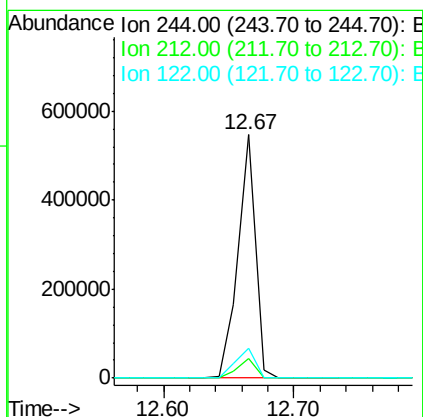
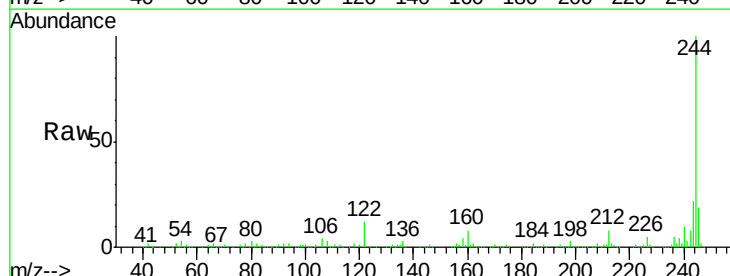
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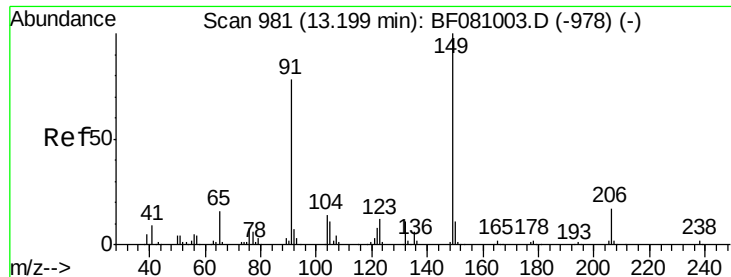
MMDadoda
8/21/2015 2:03:30 PM



#78
Terphenyl-d14
Concen: 52.02 ng
RT: 12.67 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.9	5.8	8.8	
122	12.1	8.2	12.4	





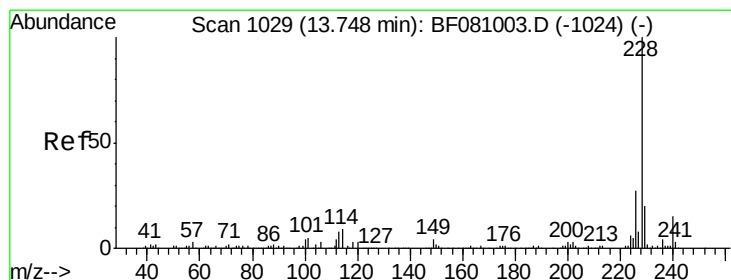
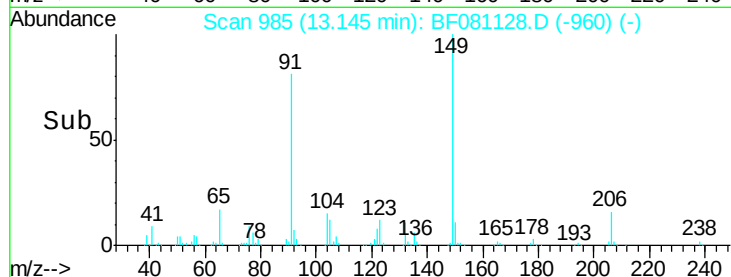
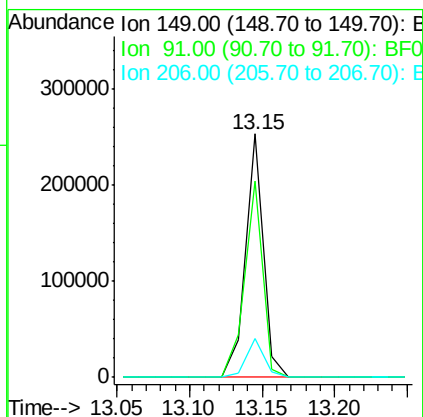
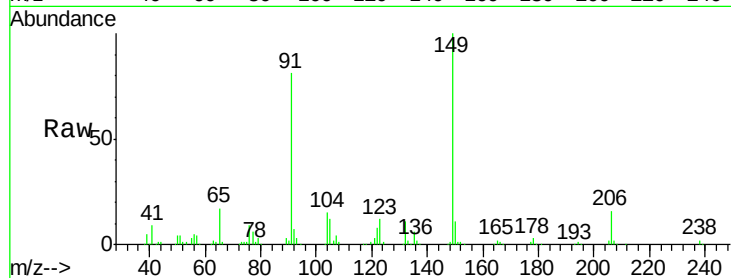
#79
Butylbenzylphthalate
Concen: 29.66 ng
RT: 13.15 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	80.5	46.9	70.3#
206	15.8	17.0	25.4#

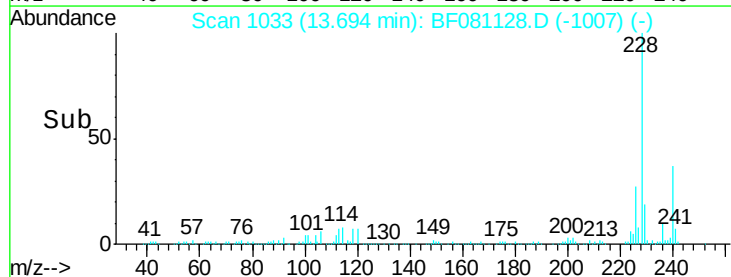
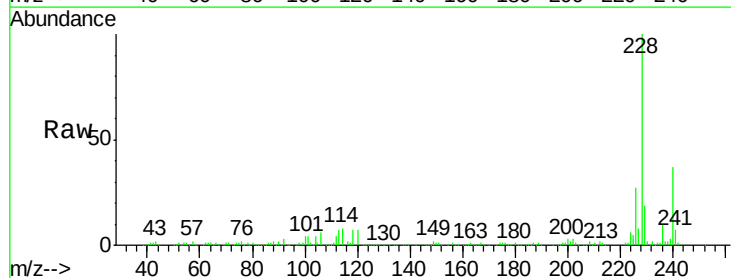
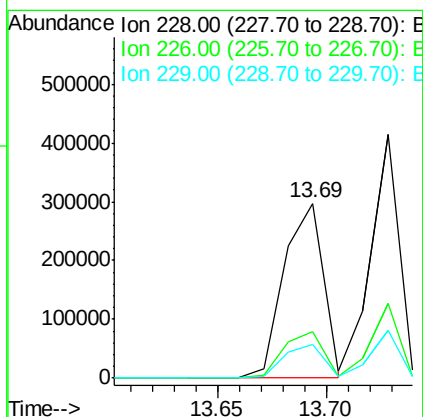
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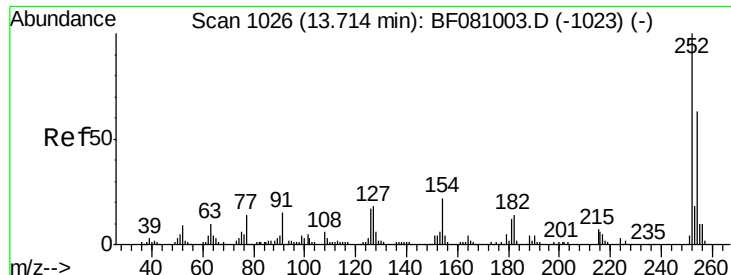
MMDadoda
8/21/2015 2:03:30 PM



#80
Benzo(a)anthracene
Concen: 27.18 ng
RT: 13.69 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.2	15.9	23.9





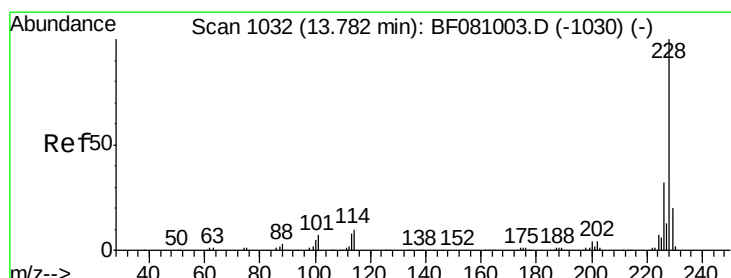
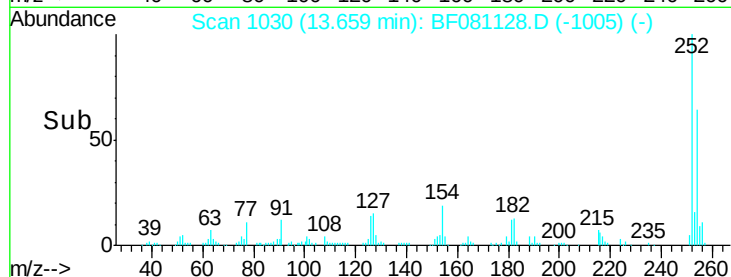
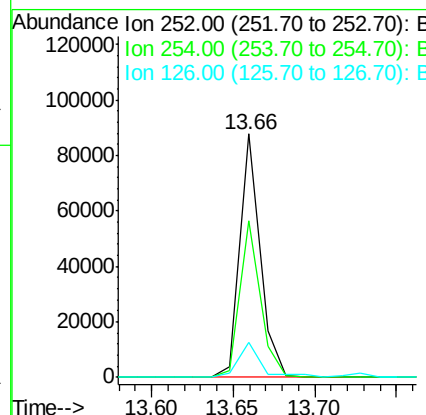
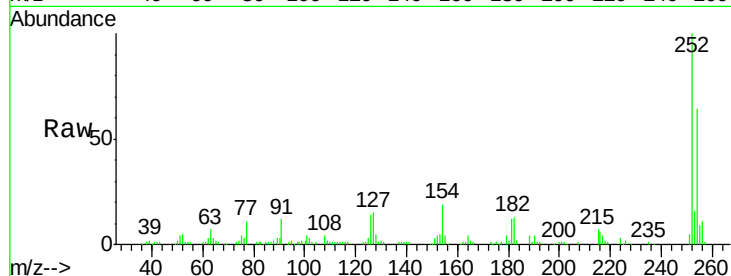
#81
 3,3'-Dichlorobenzidine
 Concen: 16.59 ng
 RT: 13.66 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.5	77.3
126	14.2	12.5	18.7

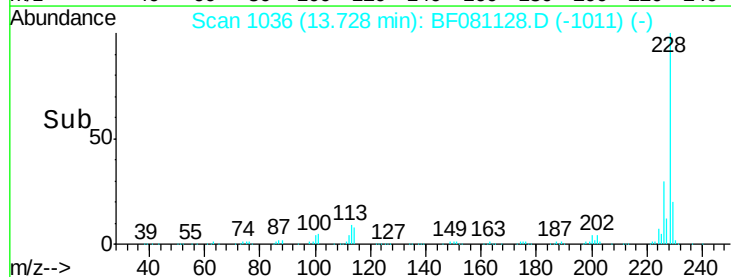
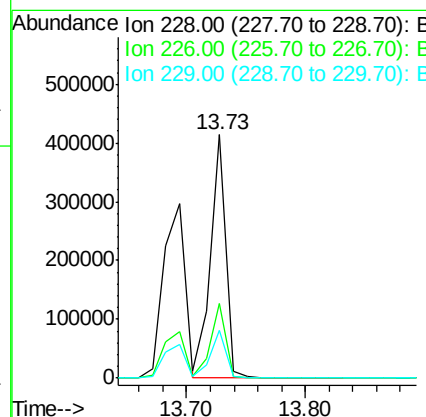
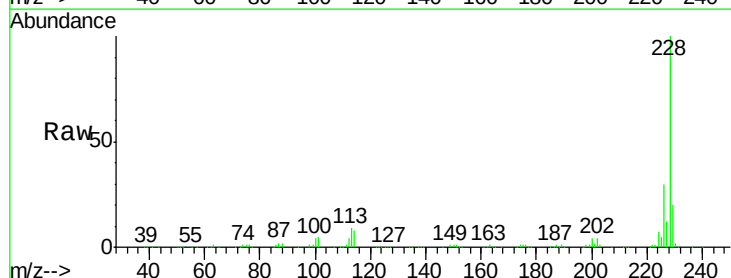
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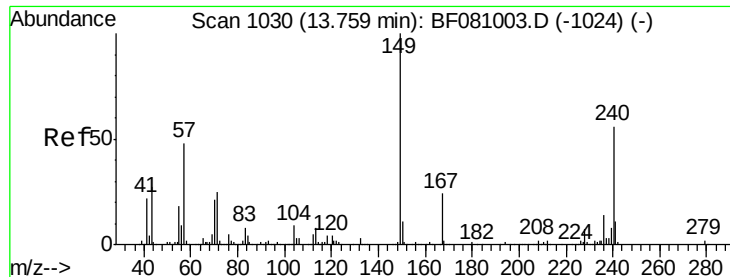
MMDadoda
 8/21/2015 2:03:30 PM



#82
 Chrysene
 Concen: 29.83 ng
 RT: 13.73 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.8	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.89 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

ClientSampleId :

PB85099BS

Tot Ion:149 Resp: 287067
Ion Ratio Lower Upper

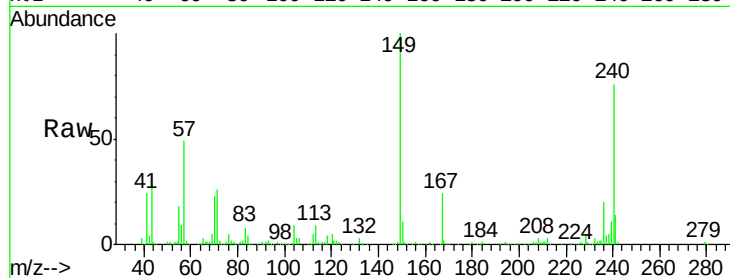
149 100

167 23.6 20.7 31.1

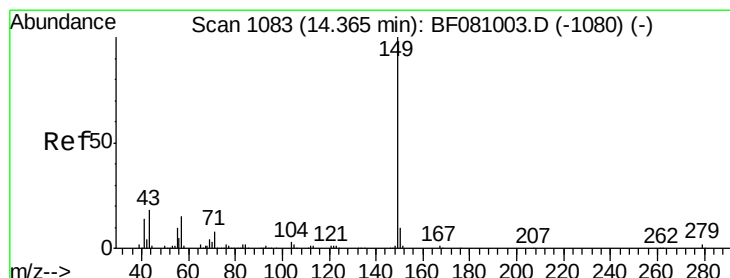
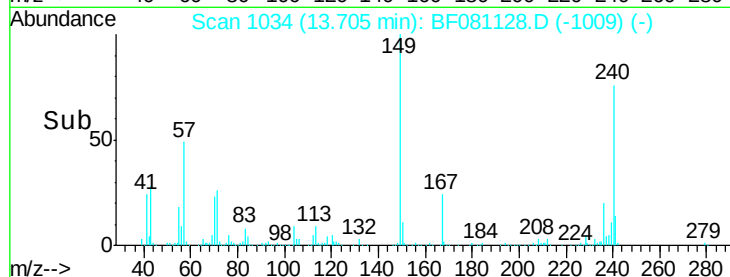
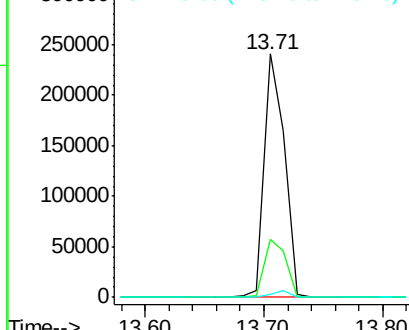
279 1.4 2.2 3.4#

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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: 33.56 ng

RT: 14.32 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF081128.D

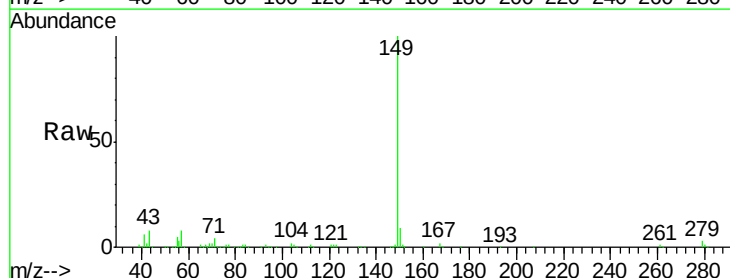
Acq: 20 Aug 2015 17:03

Tgt Ion:149 Resp: 474037
Ion Ratio Lower Upper

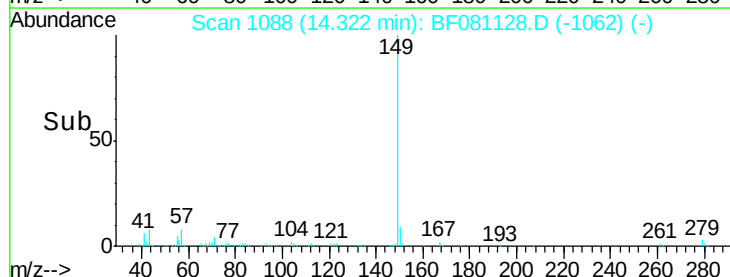
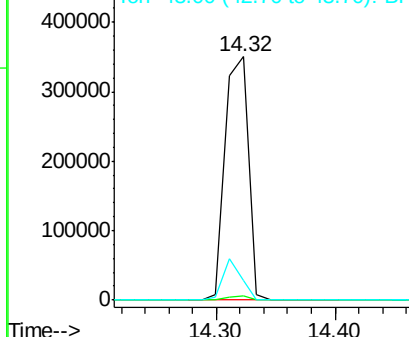
149 100

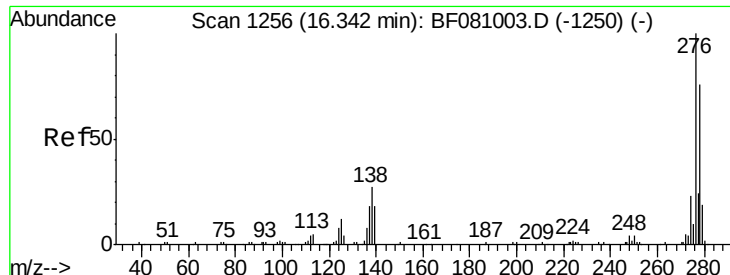
167 1.5 1.1 1.7

43 13.3 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





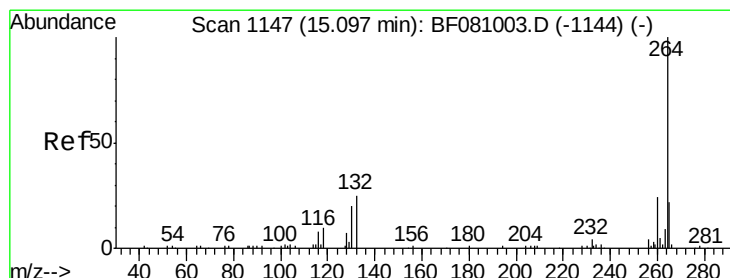
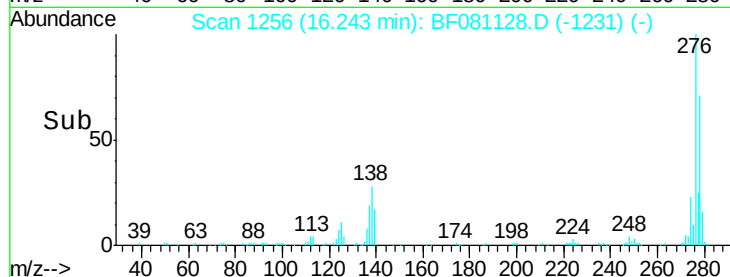
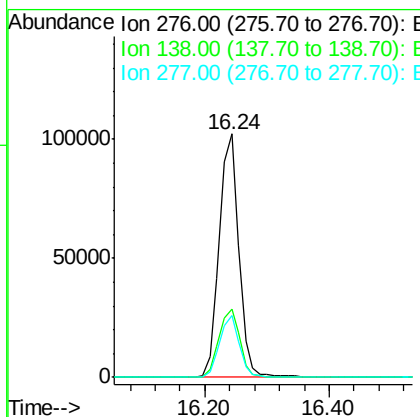
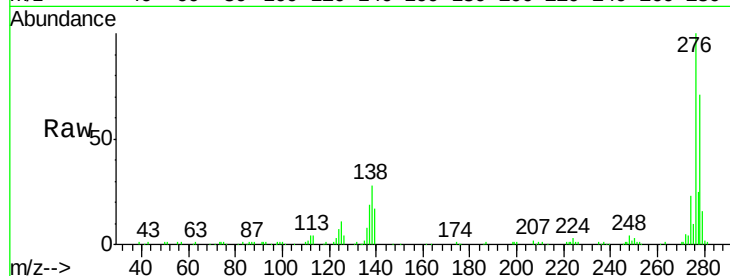
#85
Indeno(1,2,3-cd)pyrene
Concen: 25.37 ng
RT: 16.24 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	223544		
138	29.7	18.6	28.0#	
277	25.0	19.8	29.8	

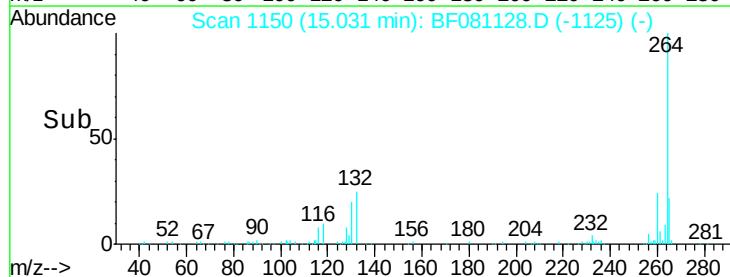
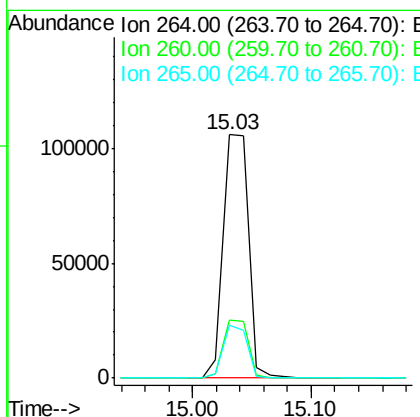
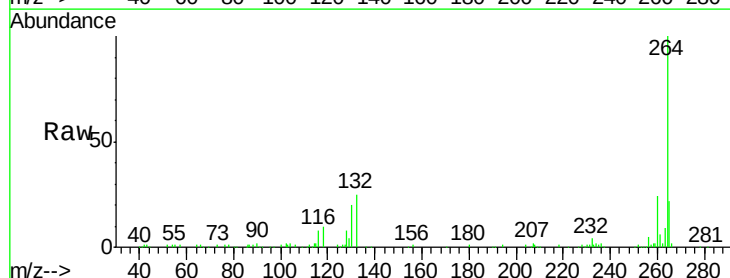
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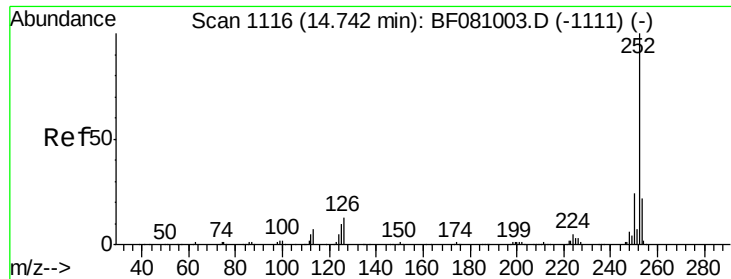
MMDadoda
8/21/2015 2:03:30 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	156091		
260	23.6	19.6	29.4	
265	21.6	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 33.34 ng m

RT: 14.68 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Instrument :

BNA_F

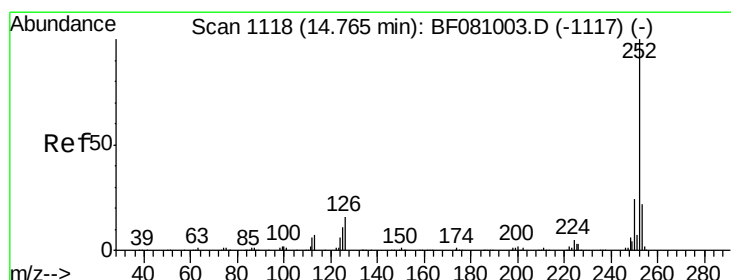
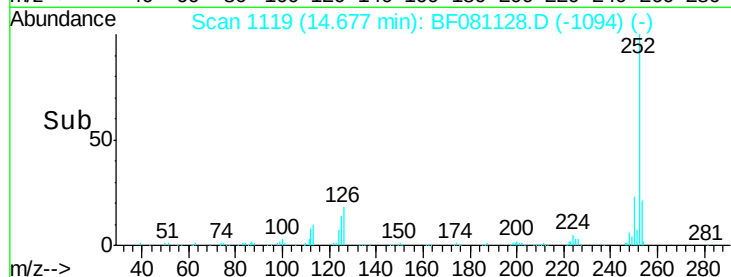
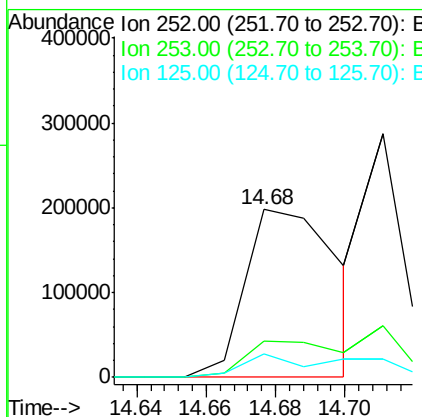
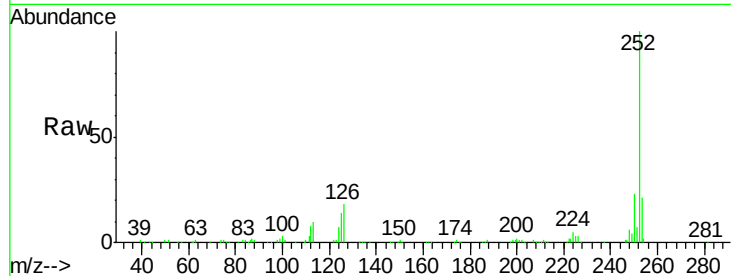
ClientSampleId :

PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	368122		
253	21.4	17.1	25.7	
125	13.8	8.0	12.0	

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8/21/2015 2:03:30 PM



#88

Benzo(k)fluoranthene

Concen: 20.55 ng m

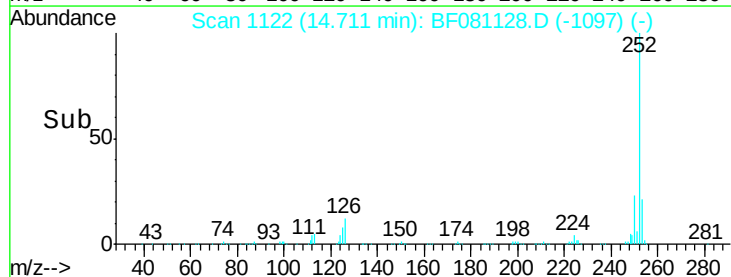
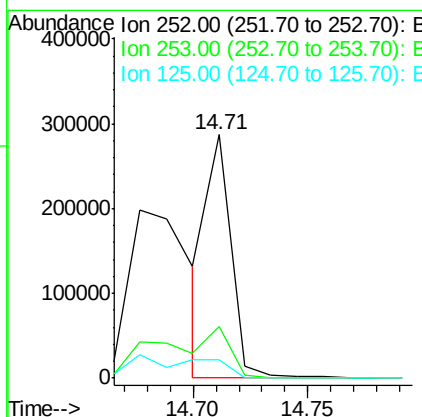
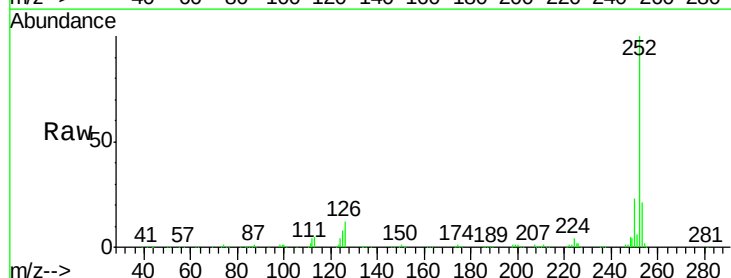
RT: 14.71 min Scan# 1122

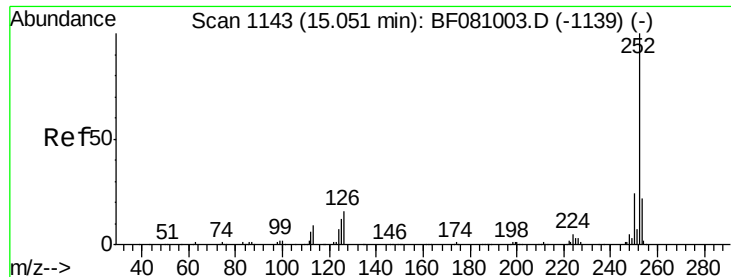
Delta R.T. -0.01 min

Lab File: BF081128.D

Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	211458		
253	21.3	17.6	26.4	
125	7.6	10.3	15.5	





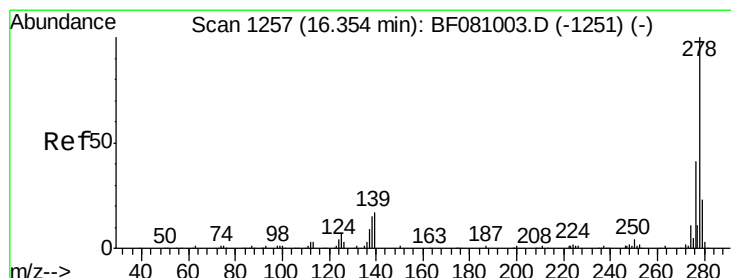
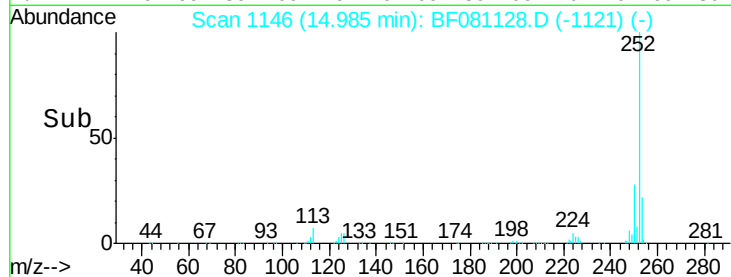
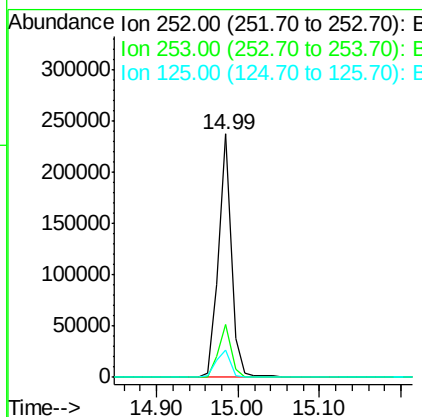
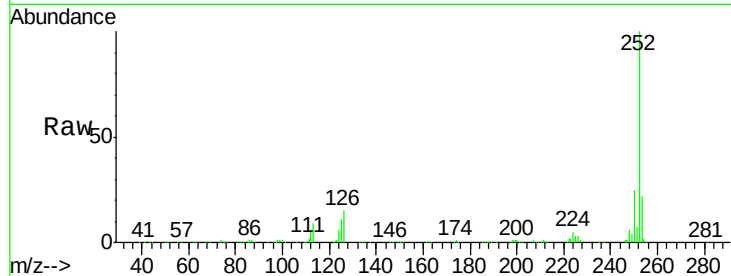
#89
Benzo(a)pyrene
Concen: 27.25 ng
RT: 14.99 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Instrument :
BNA_F
ClientSampleId :
PB85099BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262185		
253	21.9	16.6	25.0	
125	11.1	7.8	11.8	

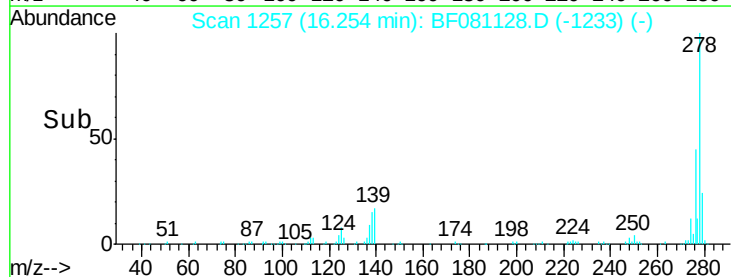
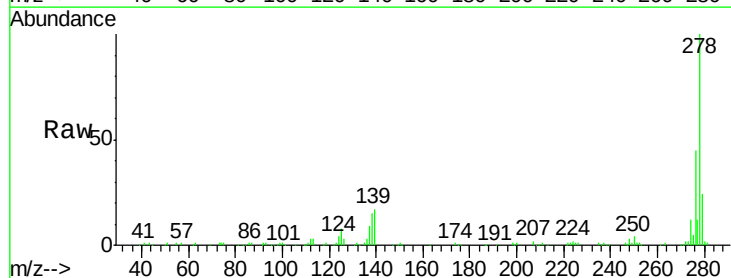
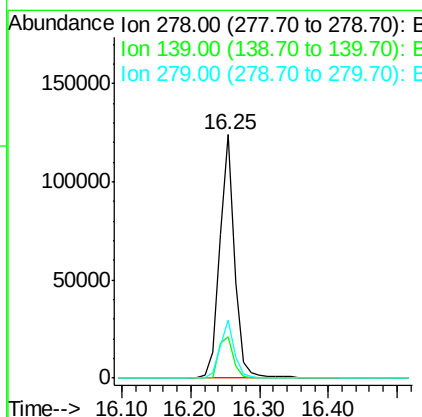
Manual Integrations
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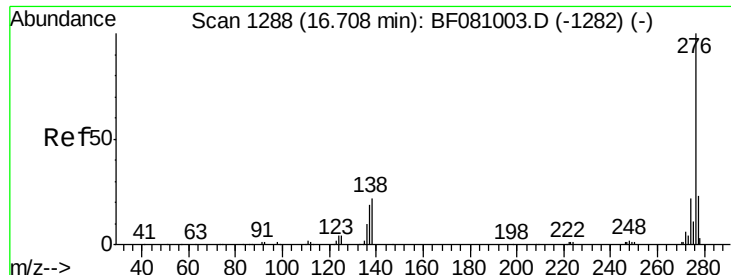
MMDadoda
8/21/2015 2:03:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 25.46 ng
RT: 16.25 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF081128.D
Acq: 20 Aug 2015 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	190813		
139	17.1	10.8	16.2#	
279	24.1	19.0	28.6	





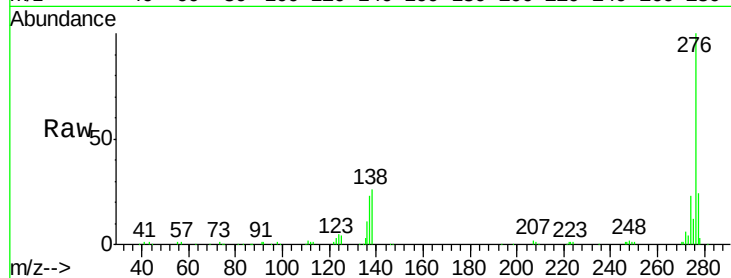
#91
 Benzo(a,h,i)perylene
 Concen: 24.67 ng
 RT: 16.60 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BF081128.D
 Acq: 20 Aug 2015 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB85099BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.9	18.2	27.2
138	25.9	13.7	20.5

Manual Integrations
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 8/21/2015 2:03:30 PM



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

