

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081087.D
 Acq On : 19 Aug 2015 18:17
 Operator : UM/IZ
 Sample : PB84980BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:17 PM

Quant Time: Aug 20 01:12:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60972	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	250576	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	118633	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	222798	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	185586	20.00	ng	-0.04
86) Perylene-d12	15.05	264	179324	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	384780	94.92	ng	-0.02
7) Phenol-d6	6.24	99	567082	107.22	ng	-0.02
23) Nitrobenzene-d5	7.16	82	335130	61.10	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	102797	99.96	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	572922	63.28	ng	-0.03
78) Terphenyl-d14	12.68	244	569798	65.82	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	52559	27.51	ng	94
3) Pyridine	2.71	79	140217	26.01	ng	# 81
4) n-Nitrosodimethylamine	2.65	42	91677	30.54	ng	# 78
6) Aniline	6.25	93	120983	15.73	ng	# 1
8) 2-Chlorophenol	6.37	128	138442	31.20	ng	92
9) Benzaldehyde	6.13	77	54076	15.86	ng	93
10) Phenol	6.25	94	233038	37.31	ng	80
11) bis(2-Chloroethyl)ether	6.33	93	148540	30.99	ng	90
12) 1,3-Dichlorobenzene	6.53	146	149914	31.44	ng	97
13) 1,4-Dichlorobenzene	6.61	146	154814	32.79	ng	98
14) 1,2-Dichlorobenzene	6.76	146	134427	30.42	ng	99
15) Benzyl Alcohol	6.74	79	142922	33.40	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	287590	30.53	ng	100
17) 2-Methylphenol	6.86	107	120082	31.54	ng	96
18) Hexachloroethane	7.10	117	58723	30.79	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	115594	31.55	ng	91
20) 3+4-Methylphenols	7.02	107	153355	31.74	ng	# 51
22) Acetophenone	7.01	105	209861	31.90	ng	# 89
24) Nitrobenzene	7.18	77	186549	32.53	ng	99
25) Isophorone	7.42	82	297000	29.03	ng	99
26) 2-Nitrophenol	7.50	139	78011	32.71	ng	# 65
27) 2,4-Dimethylphenol	7.54	122	132618	31.43	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	187507	31.03	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	117894	33.19	ng	91
30) 1,2,4-Trichlorobenzene	7.82	180	119795	30.34	ng	98
31) Naphthalene	7.90	128	440852	31.56	ng	99
32) Benzoic acid	7.68	122	105280	44.36	ng	90
33) 4-Chloroaniline	7.96	127	58178	9.87	ng	# 85
34) Hexachlorobutadiene	8.02	225	71888	32.20	ng	98
35) Caprolactam	8.32	113	44580m	35.91	ng	
36) 4-Chloro-3-methylphenol	8.45	107	140725	33.24	ng	98
37) 2-Methylnaphthalene	8.58	142	260800	29.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	117020	30.57	ng	98
40) Hexachlorocyclopentadiene	8.74	237	134327	67.80	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	87042	32.19	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	80727	29.87	ng #	93
45) 1,1'-Biphenyl	9.05	154	346060	33.12	ng	97
46) 2-Chloronaphthalene	9.08	162	255858	30.48	ng	98
47) 2-Nitroaniline	9.17	65	98707	28.73	ng	98
48) Acenaphthylene	9.49	152	433144	28.84	ng	99
49) Dimethylphthalate	9.36	163	281779	28.84	ng	99
50) 2,6-Dinitrotoluene	9.42	165	64199	30.61	ng #	77
51) Acenaphthene	9.66	154	263002	29.25	ng	99
52) 3-Nitroaniline	9.58	138	38604	14.71	ng	99
53) 2,4-Dinitrophenol	9.69	184	85550	74.28	ng #	69
54) Dibenzofuran	9.83	168	390302	32.40	ng	100
55) 4-Nitrophenol	9.76	139	130840	70.97	ng #	60
56) 2,4-Dinitrotoluene	9.82	165	84661	30.45	ng #	77
57) Fluorene	10.16	166	259871	28.04	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.94	232	64776m	30.97	ng	
59) Diethylphthalate	10.06	149	310130	29.99	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	121934	31.09	ng	97
61) 4-Nitroaniline	10.20	138	82849	30.88	ng	93
62) Azobenzene	10.32	77	368148	30.89	ng	96
64) 4,6-Dinitro-2-methylphenol	10.22	198	46356	34.84	ng	94
65) n-Nitrosodiphenylamine	10.29	169	267417	33.62	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	75595	34.54	ng	95
67) Hexachlorobenzene	10.71	284	80255	36.21	ng	96
68) Atrazine	10.81	200	75476	34.06	ng	97
69) Pentachlorophenol	10.90	266	95205	71.59	ng	98
70) Phenanthrene	11.11	178	417436	31.61	ng	99
71) Anthracene	11.17	178	438010	34.09	ng	99
72) Carbazole	11.33	167	455080	36.79	ng	100
73) Di-n-butylphthalate	11.67	149	503752	33.65	ng	98
74) Fluoranthene	12.29	202	448131	31.45	ng	92
76) Benzidine	12.43	184	142627	20.34	ng	97
77) Pyrene	12.52	202	479985	31.81	ng	100
79) Butylbenzylphthalate	13.16	149	241195	37.19	ng #	82
80) Benzo(a)anthracene	13.69	228	421739	33.89	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	98993	24.56	ng	98
82) Chrysene	13.74	228	429417	38.28	ng	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	313483	37.74	ng #	98
84) Di-n-octyl phthalate	14.32	149	544288	43.11	ng	99
85) Indeno(1,2,3-cd)pyrene	16.25	276	344106	43.70	ng #	94
87) Benzo(b)fluoranthene	14.69	252	493157m	38.88	ng	
88) Benzo(k)fluoranthene	14.72	252	262337m	22.20	ng	
89) Benzo(a)pyrene	15.00	252	346814	31.38	ng #	95
90) Dibenzo(a,h)anthracene	16.28	278	288454	33.50	ng	98
91) Benzo(g,h,i)perylene	16.62	276	279557	32.00	ng #	92

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

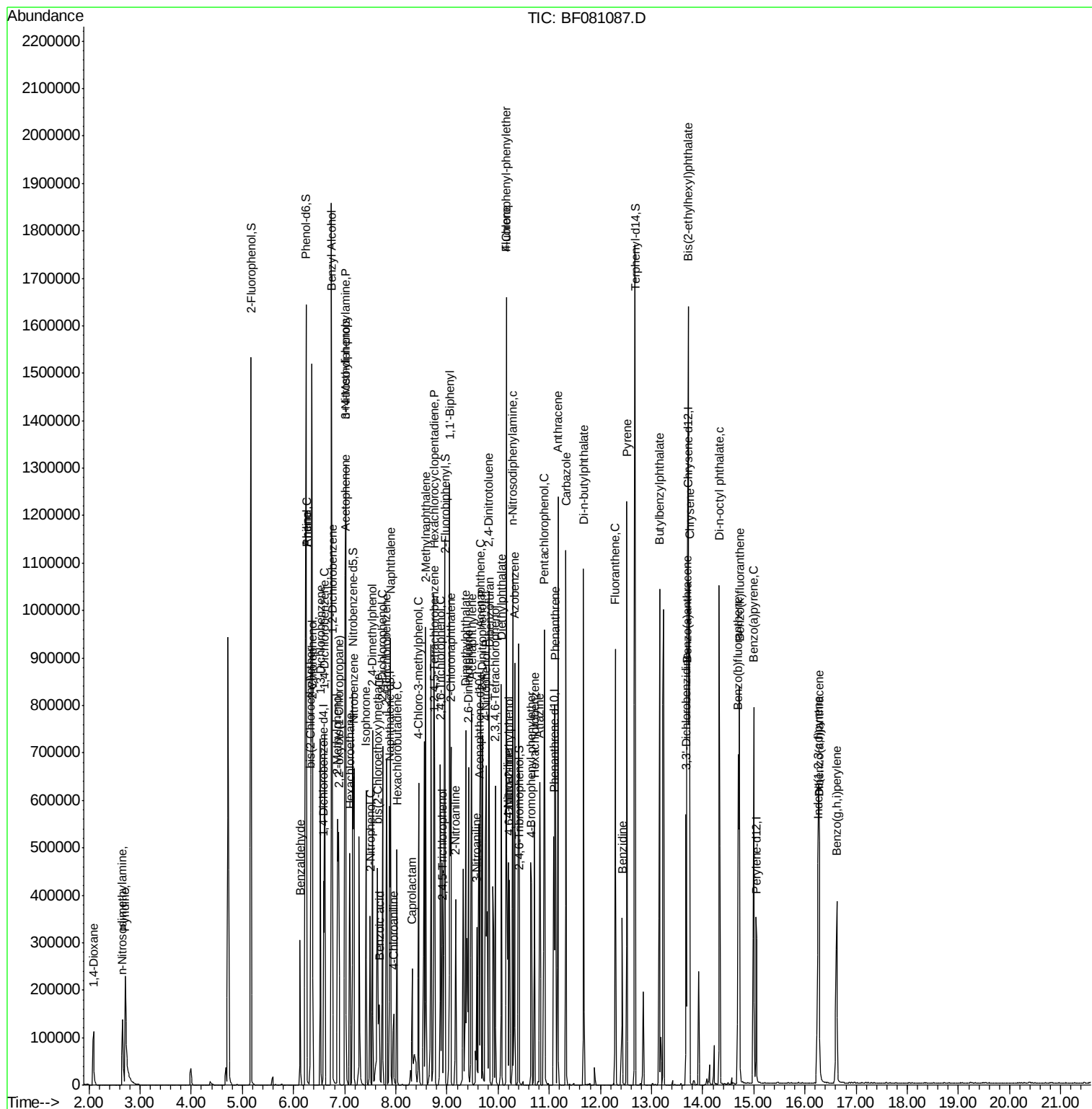
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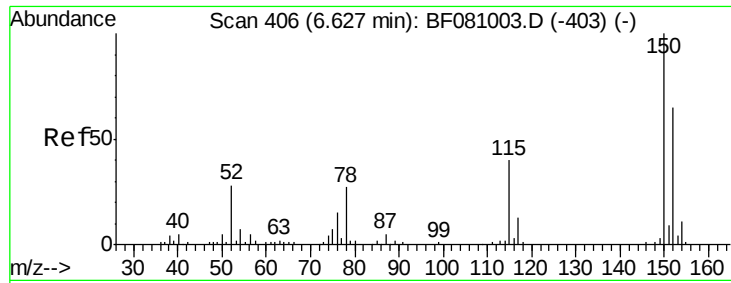
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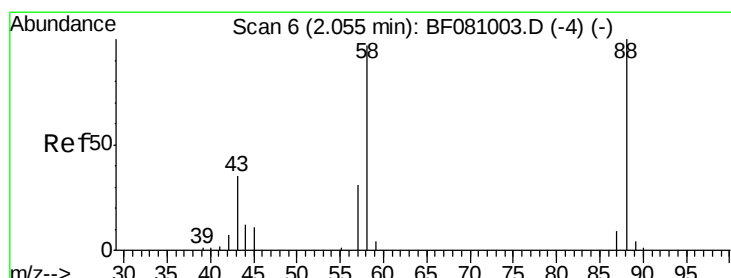
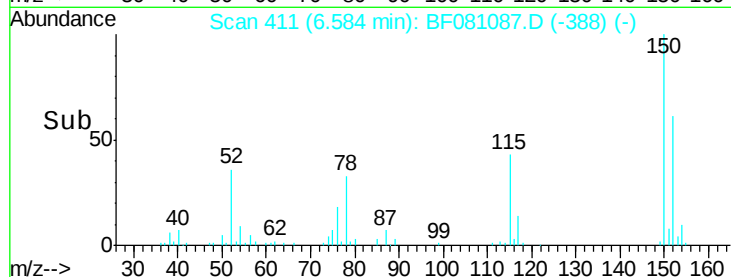
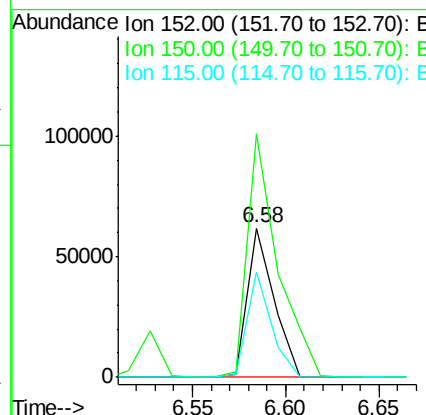
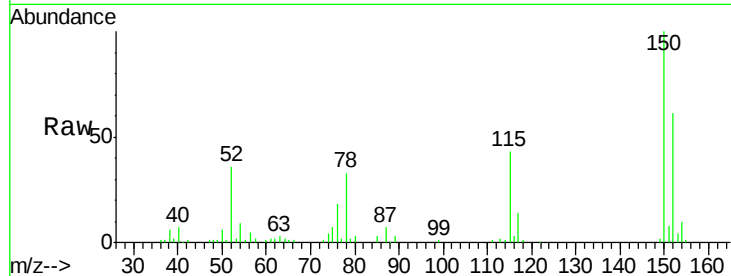
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 411
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.3	123.8	185.6
115	70.5	52.1	78.1

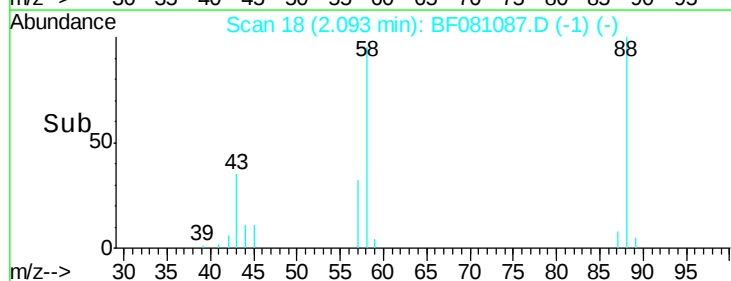
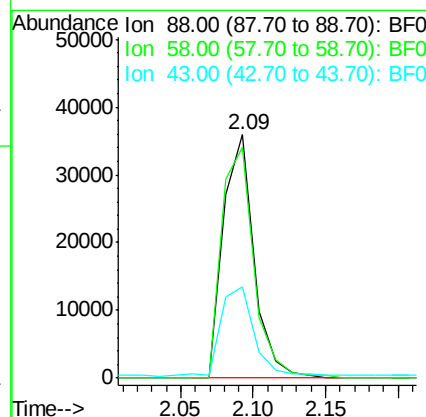
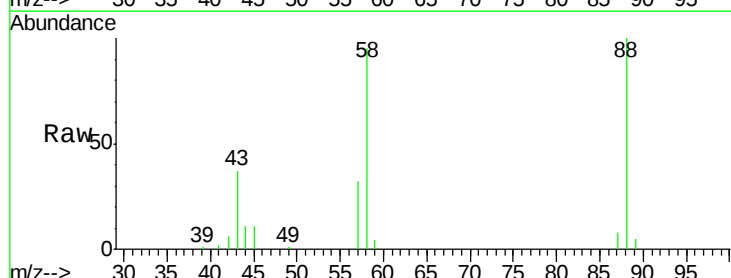
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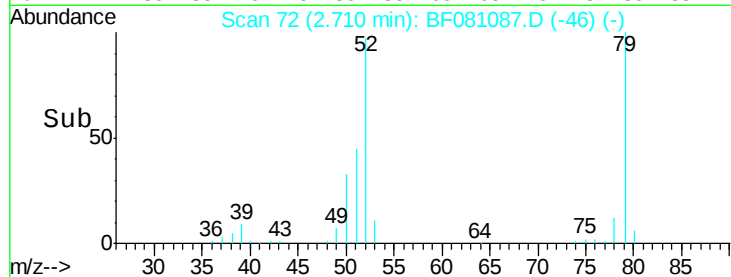
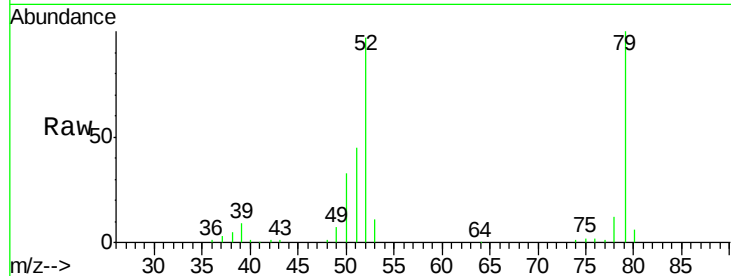
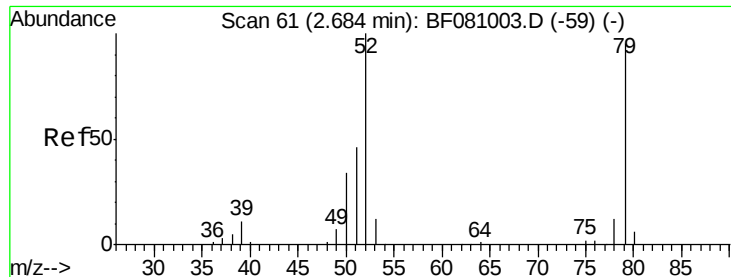
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#2
 1,4-Dioxane
 Concen: 27.51 ng
 RT: 2.09 min Scan# 18
 Delta R.T. 0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.2	83.7	125.5
43	39.5	37.5	56.3





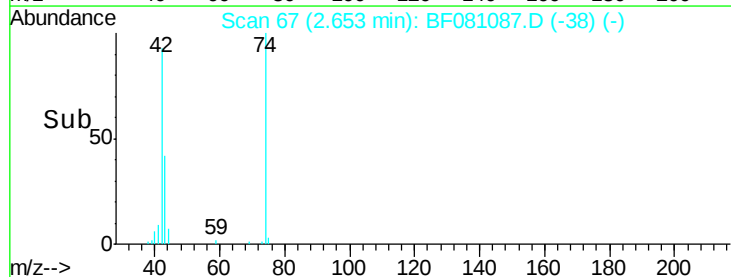
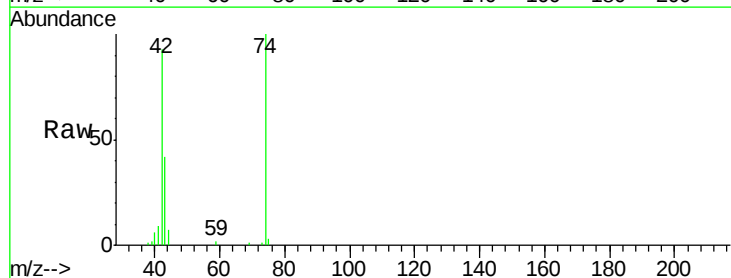
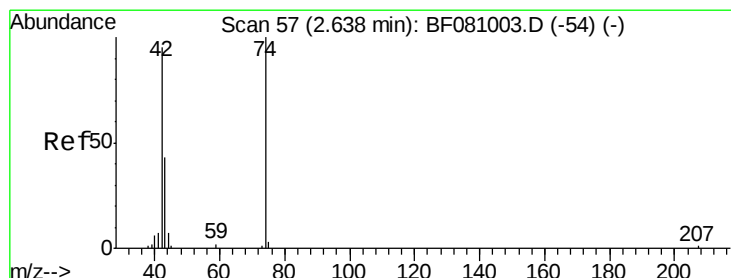
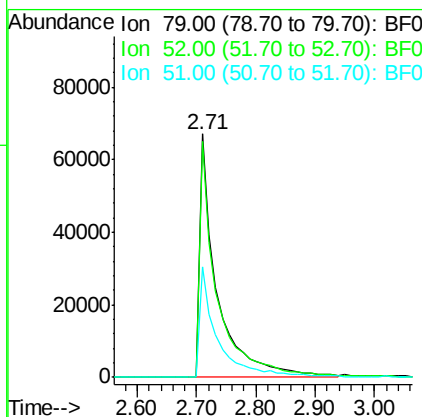
#3
 Pyridine
 Concen: 26.01 ng
 RT: 2.71 min Scan# 72
 Delta R.T. -0.01 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
79	100		
52	97.1	95.1	142.7
51	45.3	46.6	70.0#

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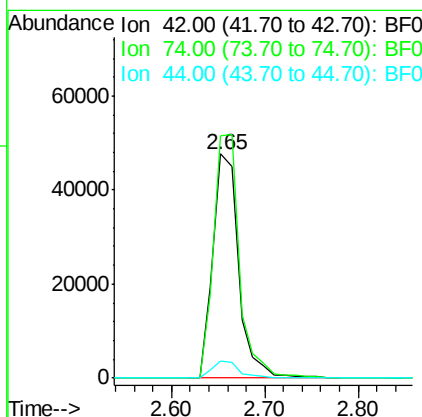
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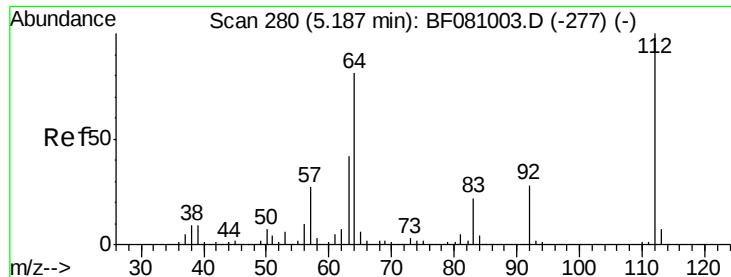
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#4
 n-Nitrosodimethylamine
 Concen: 30.54 ng
 RT: 2.65 min Scan# 67
 Delta R.T. 0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.9	69.3	103.9#
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 94.92 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

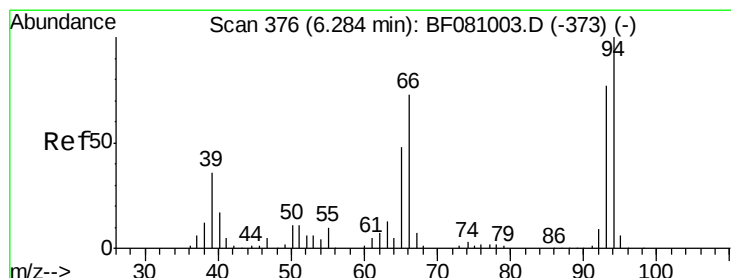
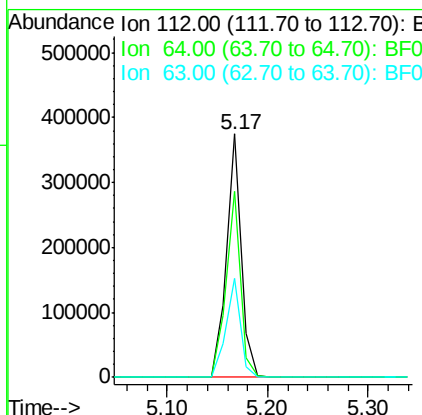
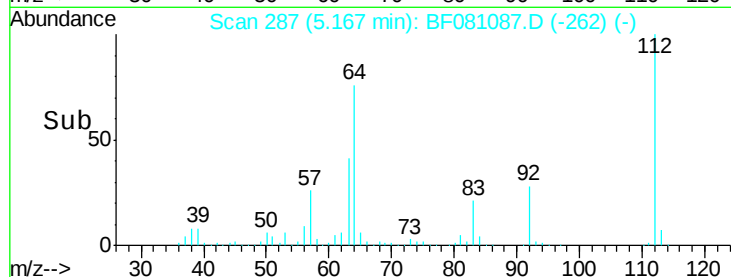
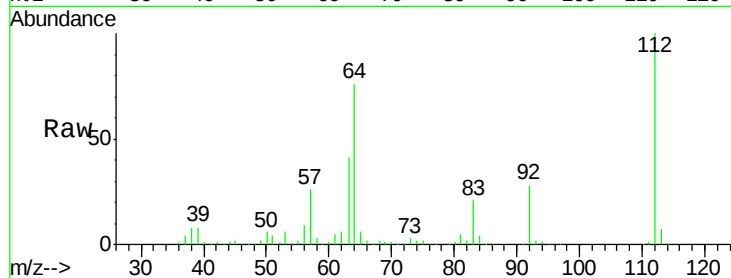
ClientSampleId :

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Tgt Ion:	112	Resp:	384780
Ion Ratio	Lower	Upper	
112	100		
64	76.3	66.9	100.3
63	40.9	38.1	57.1



#6

Aniline

Concen: 15.73 ng

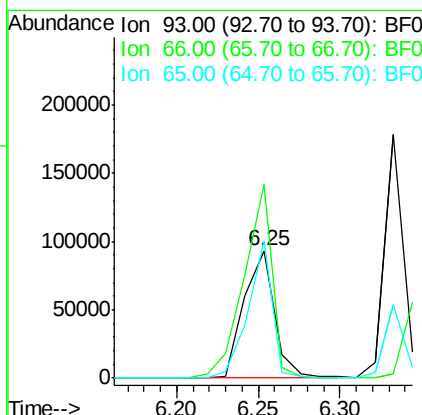
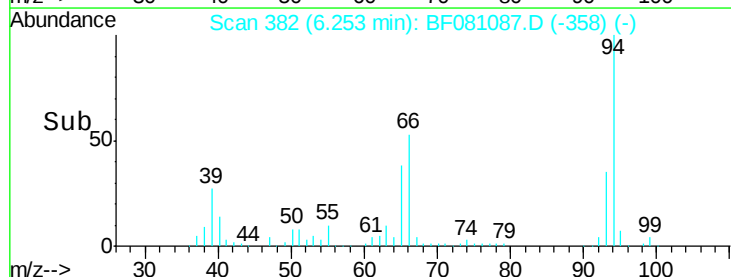
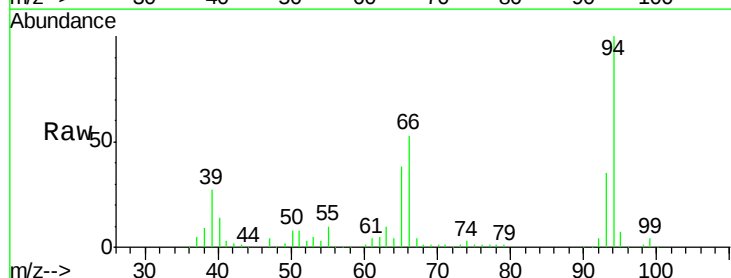
RT: 6.25 min Scan# 382

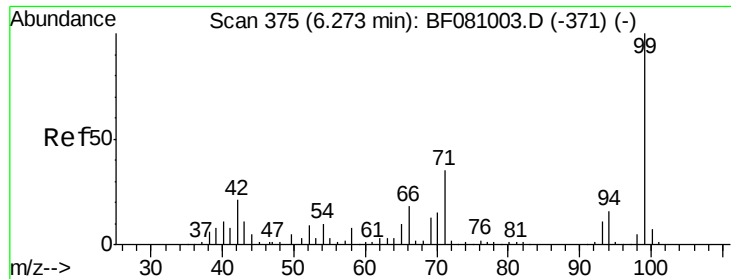
Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Tgt Ion:	93	Resp:	120983
Ion Ratio	Lower	Upper	
93	100		
66	152.2	35.6	53.4#
65	108.1	18.7	28.1#





#7

Phenol-d6

Concen: 107.22 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081087.D

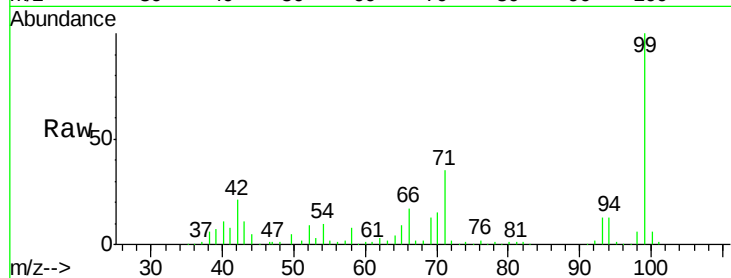
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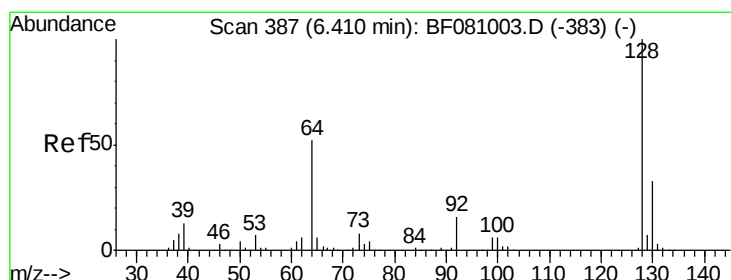
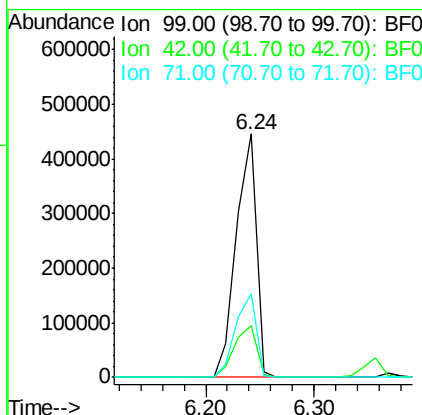
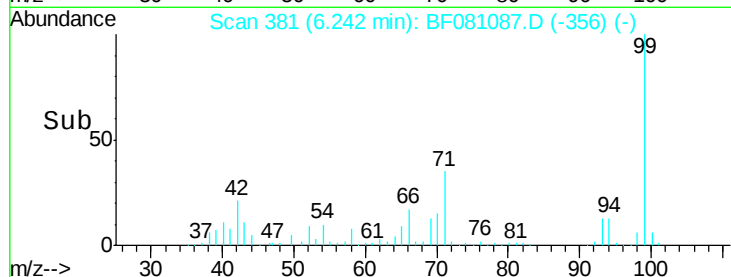
PB84980BS



Tgt Ion:	99	Resp:	567082
Ion Ratio	Lower	Upper	
99	100		
42	21.3	19.6	29.4
71	34.5	31.2	46.8

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#8

2-Chlorophenol

Concen: 31.20 ng

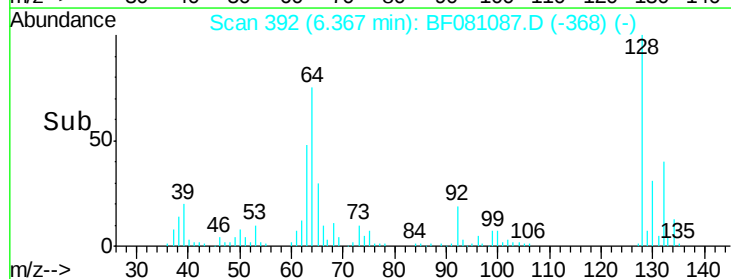
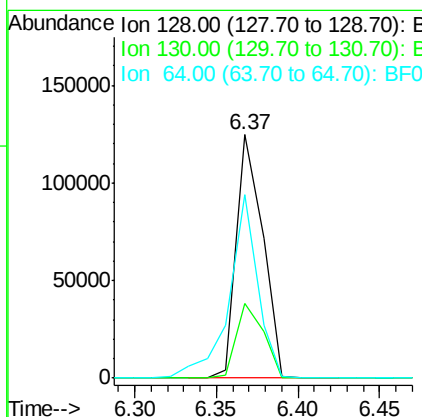
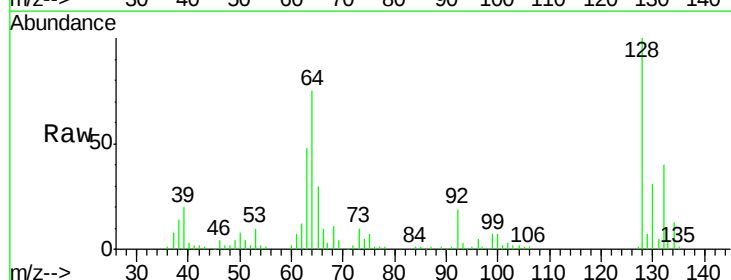
RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Tgt Ion:	128	Resp:	138442
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.5	52.5
64	75.4	46.8	86.8





#9

Benzaldehyde

Concen: 15.86 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081087.D

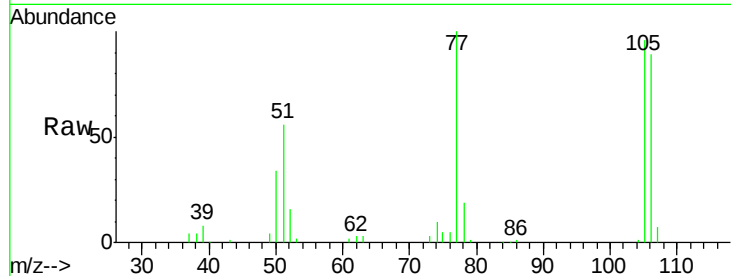
Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

ClientSampleId :

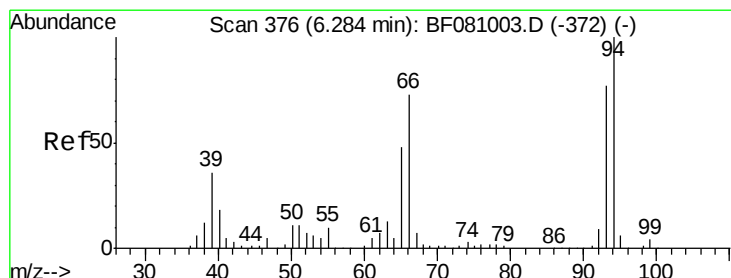
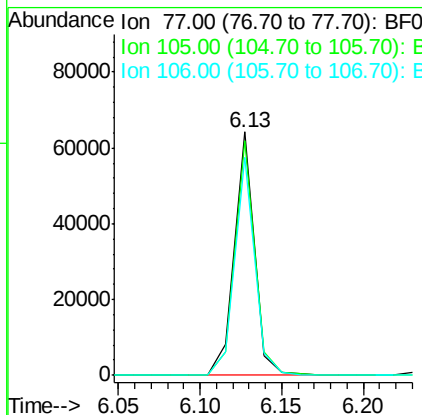
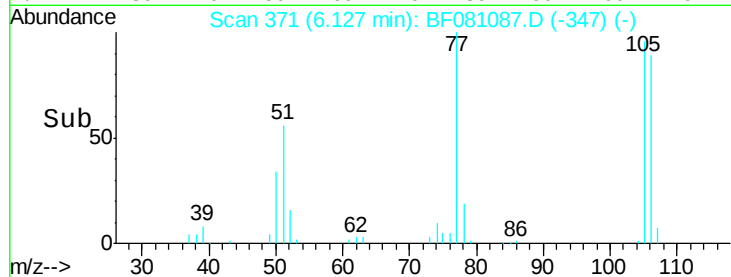
PB84980BS



Tgt Ion:	77	Resp:	54076
Ion	Ratio	Lower	Upper
77	100		
105	96.2	69.6	109.6
106	89.5	64.0	104.0

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#10

Phenol

Concen: 37.31 ng

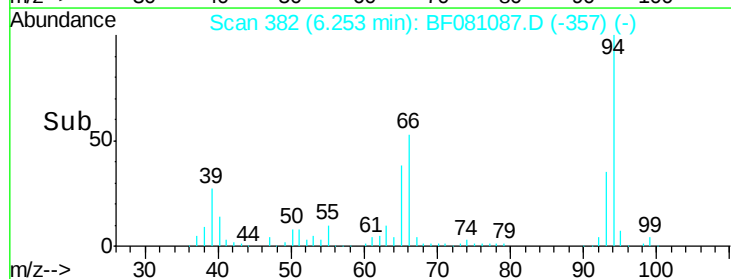
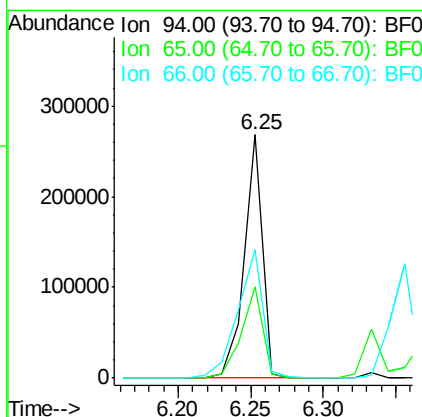
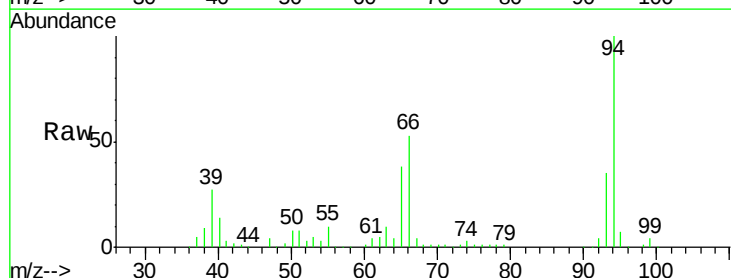
RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Tgt Ion:	94	Resp:	233038
Ion	Ratio	Lower	Upper
94	100		
65	37.6	28.4	68.4
66	52.9	52.3	92.3





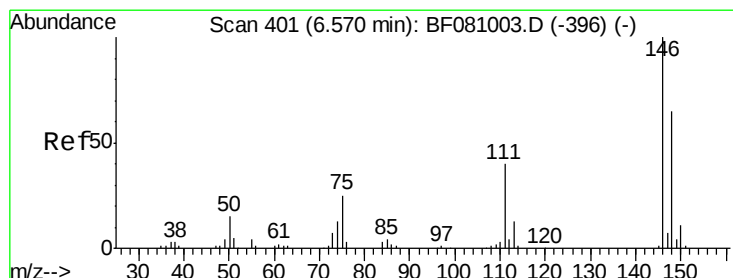
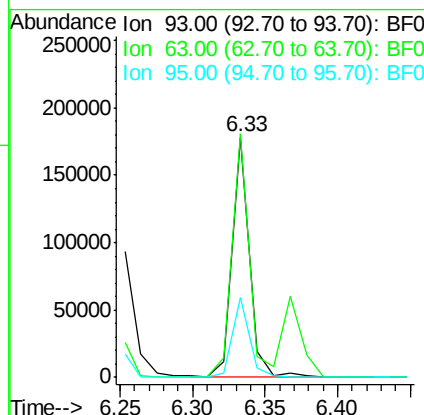
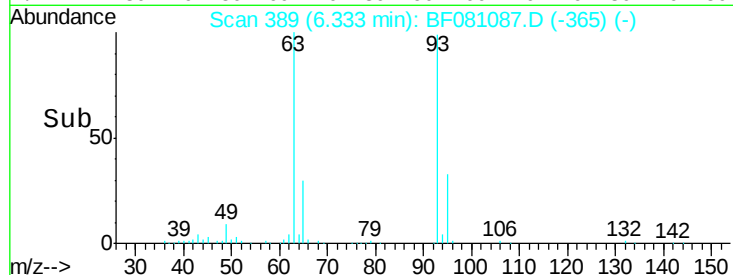
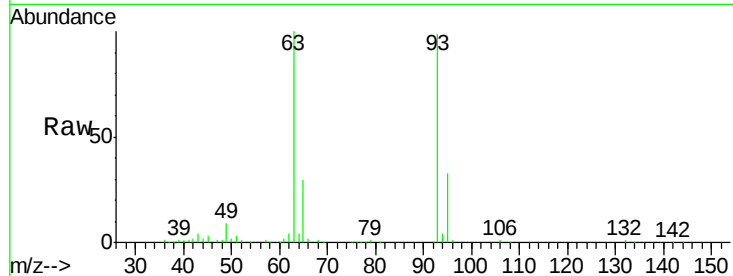
#11
bis(2-Chloroethyl)ether
Concen: 30.99 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	101.3	69.6	109.6
95	33.3	12.3	52.3

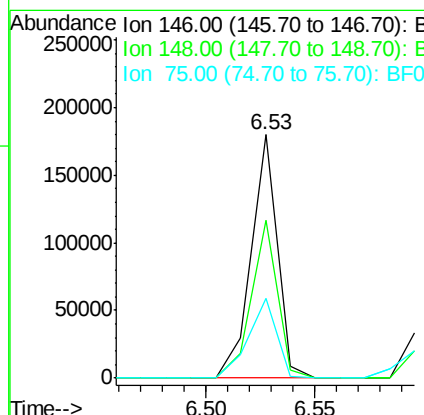
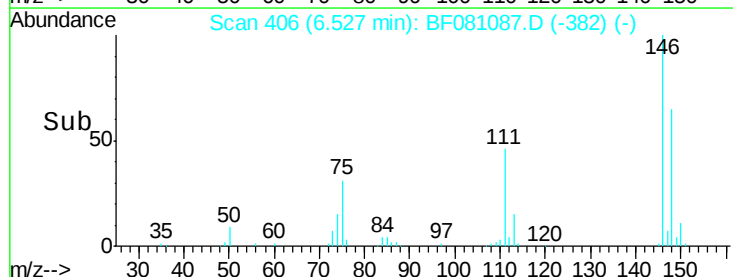
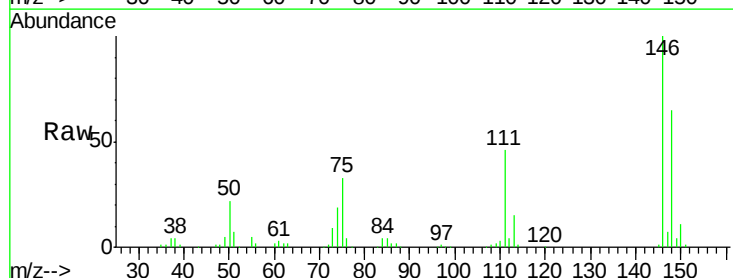
Manual Integrations
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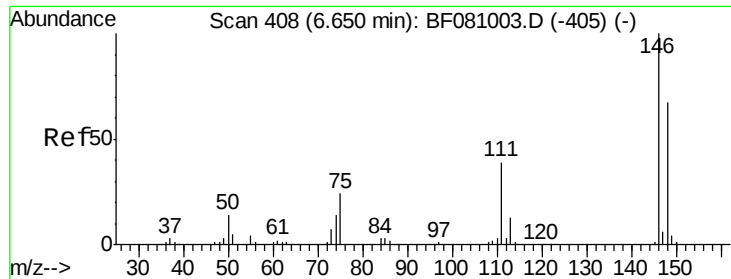
MMDadoda
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#12
1,3-Dichlorobenzene
Concen: 31.44 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

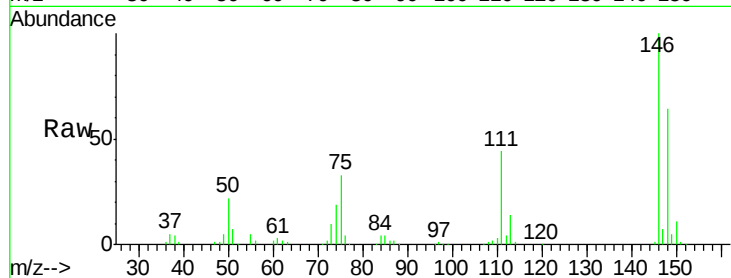
Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	64.7	53.3	79.9
75	32.9	25.0	37.6





#13
 1,4-Dichlorobenzene
 Concen: 32.79 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

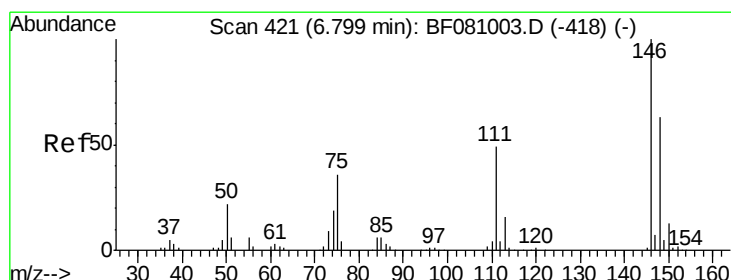
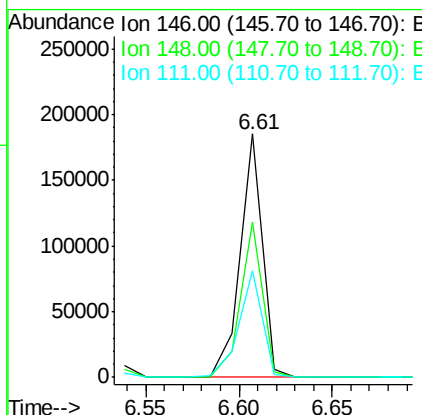
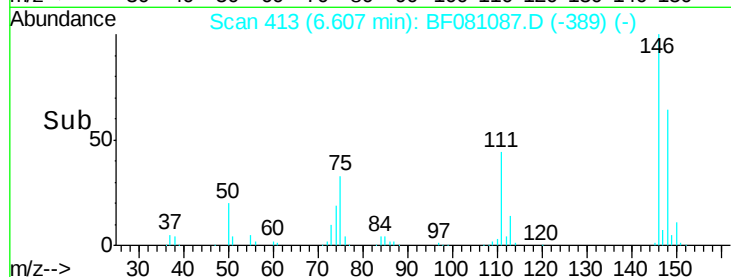
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



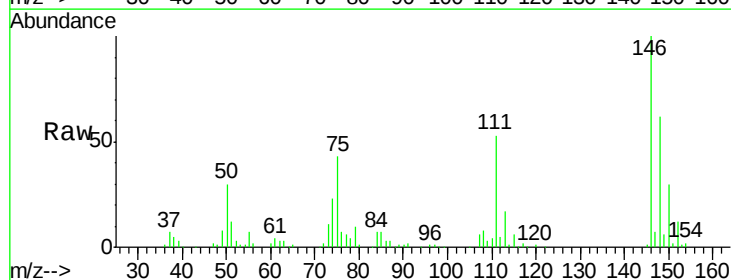
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.3	78.5
111	43.9	34.4	51.6

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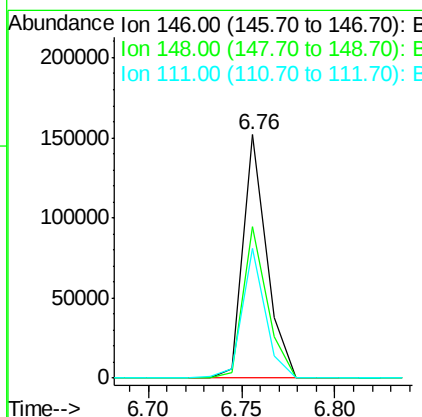
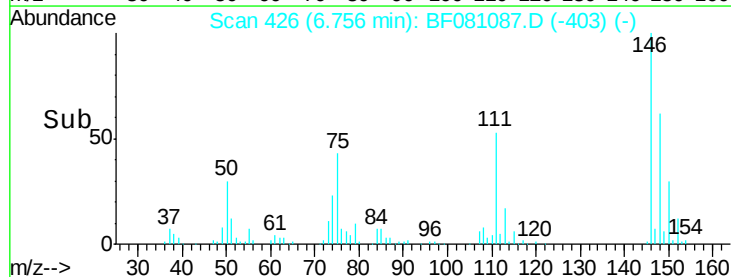
MMDadoda
 8/20/2015 3:41:17 PM

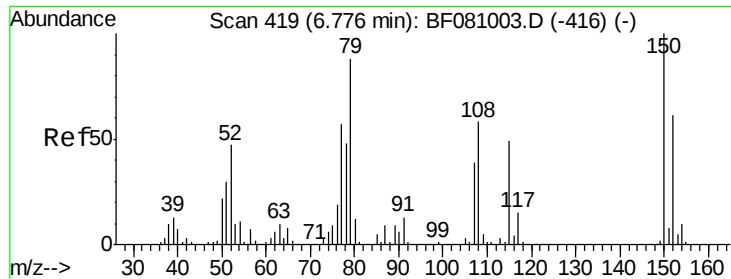


#14
 1,2-Dichlorobenzene
 Concen: 30.42 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17



Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	48.7	73.1
111	53.0	42.3	63.5





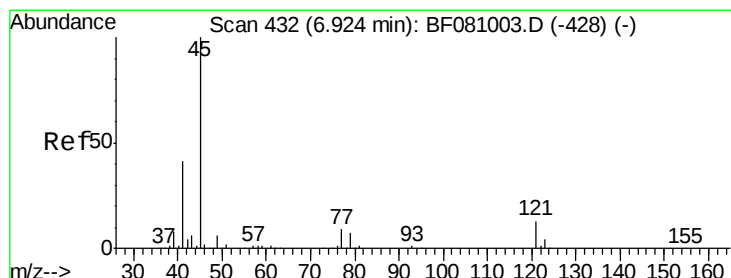
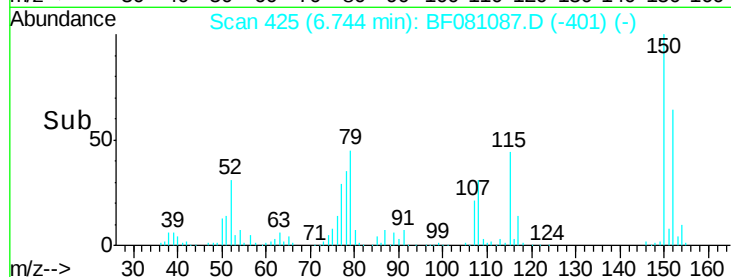
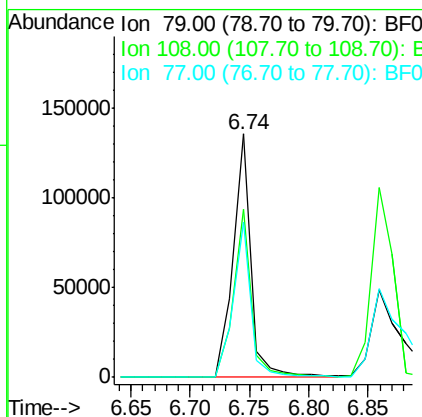
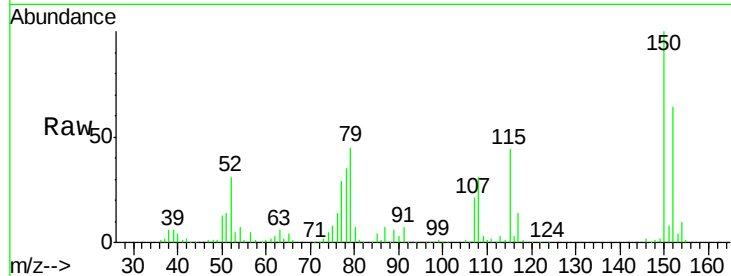
#15
Benzyl Alcohol
Concen: 33.40 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	142922		
108	69.2	49.4	74.2	
77	63.7	51.4	77.0	

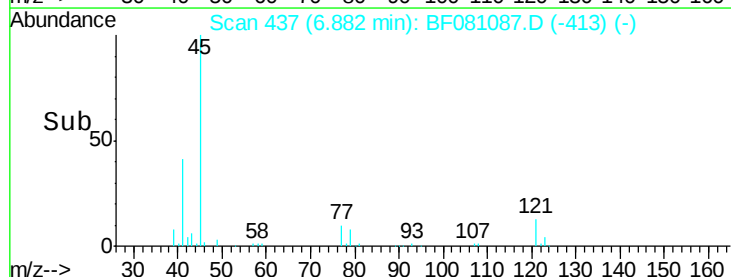
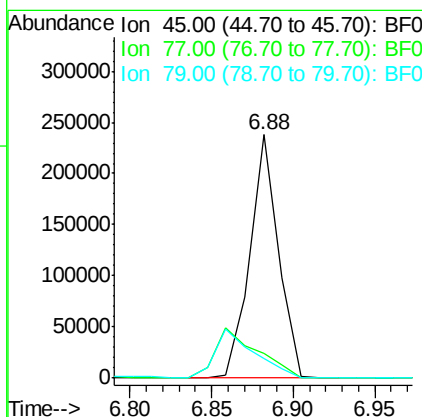
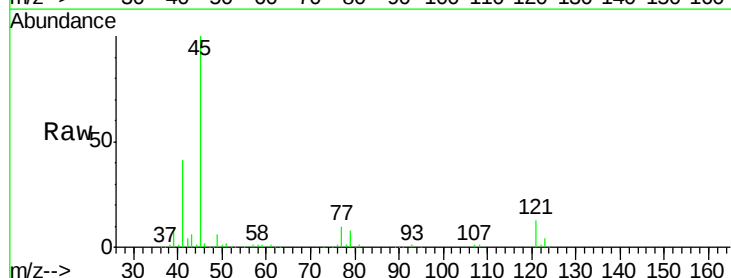
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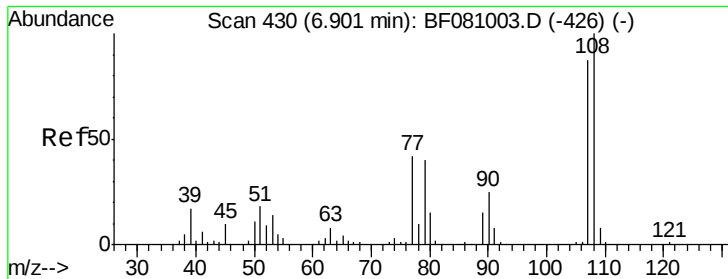
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.53 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	287590		
77	10.2	0.0	30.2	
79	7.8	0.0	28.0	





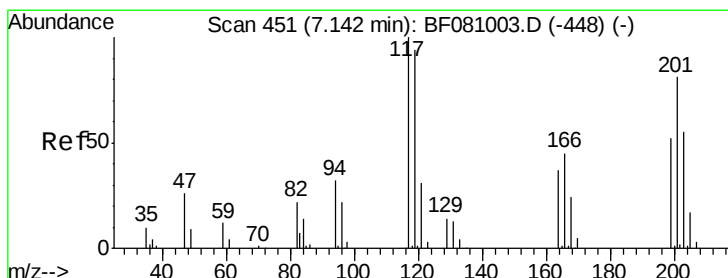
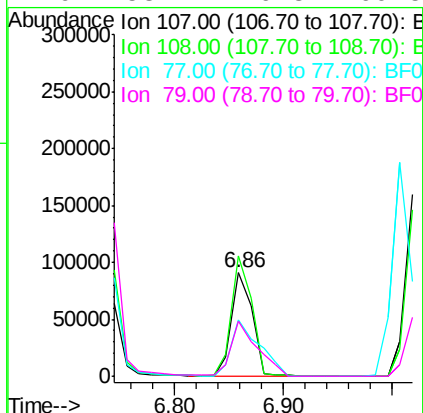
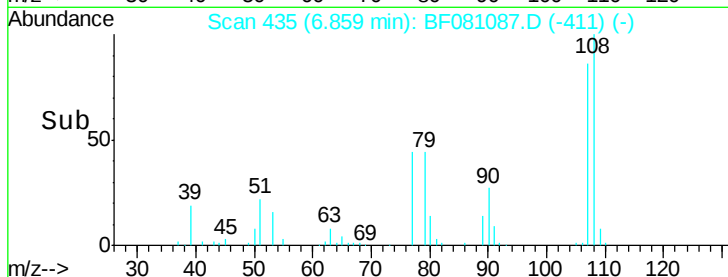
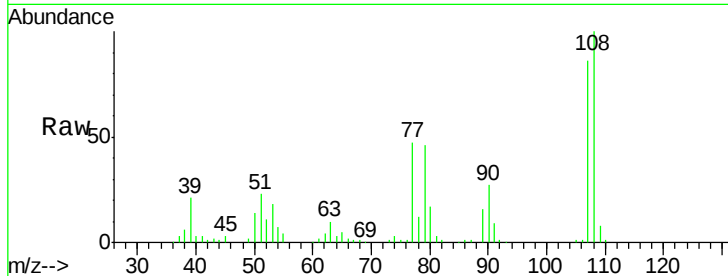
#17
2-Methylphenol
Concen: 31.54 ng
RT: 6.86 min Scan# 435
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	120082		
108	116.4	90.4	135.6	
77	54.4	46.5	69.7	
79	53.4	46.3	69.5	

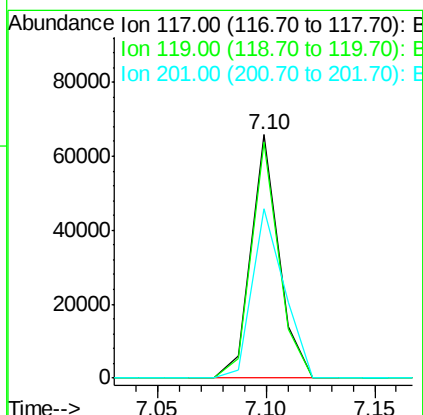
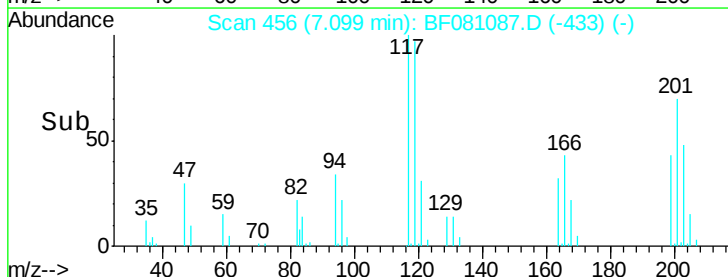
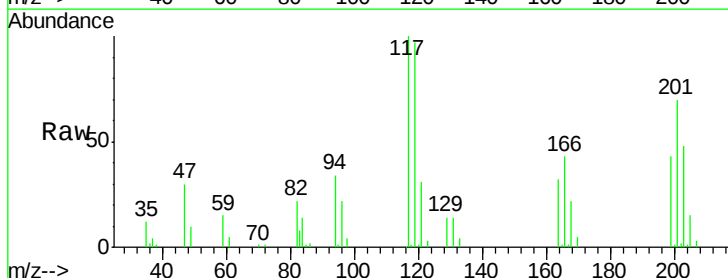
Manual Integrations
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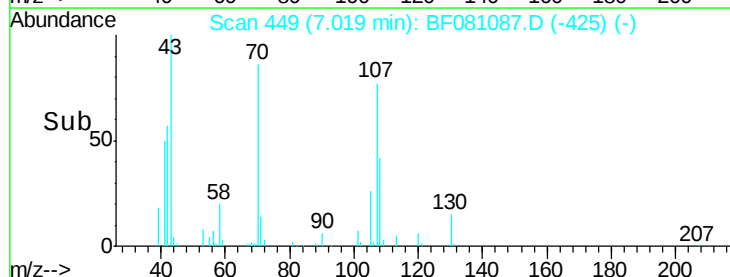
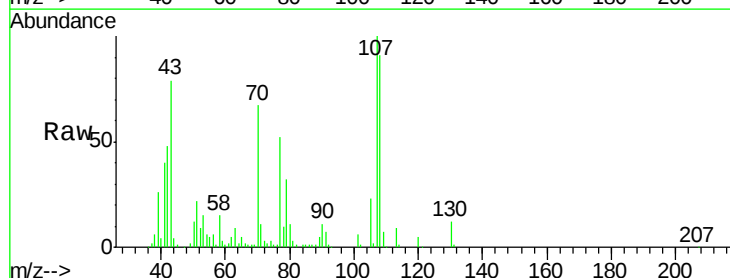
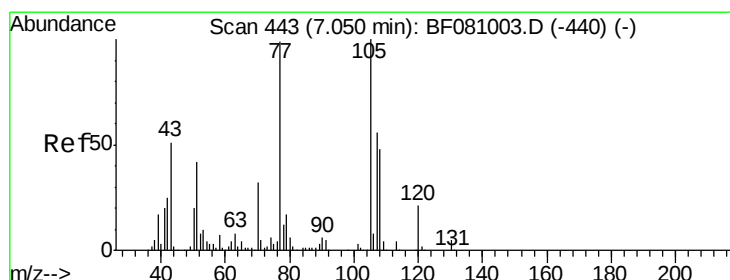
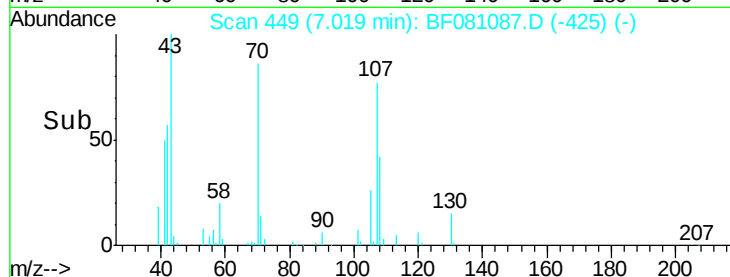
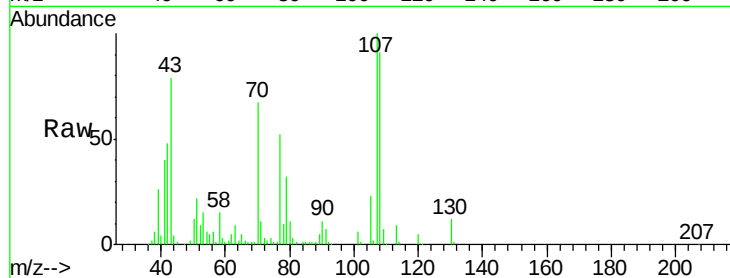
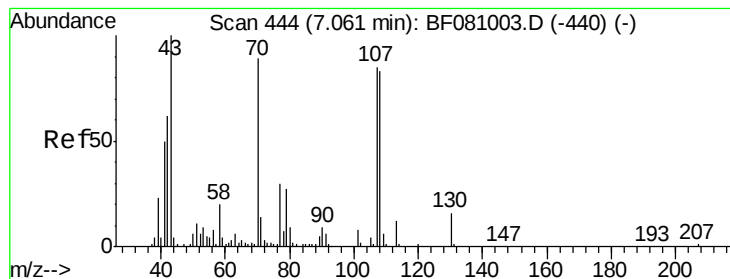
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#18
Hexachloroethane
Concen: 30.79 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58723		
119	97.1	77.9	116.9	
201	69.6	61.3	91.9	





#19

n-Nitroso-di-n-propylamine

Concen: 31.55 ng

RT: 7.02 min Scan# 449

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

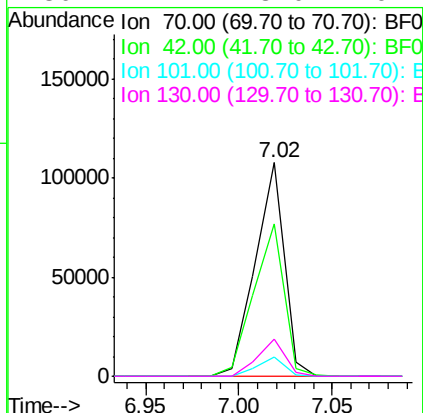
ClientSampleId :

PB84980BS

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Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	71.2	65.0	97.4	
101	8.9	7.4	11.2	
130	17.2	13.0	19.4	



#20

3+4-Methylphenols

Concen: 31.74 ng

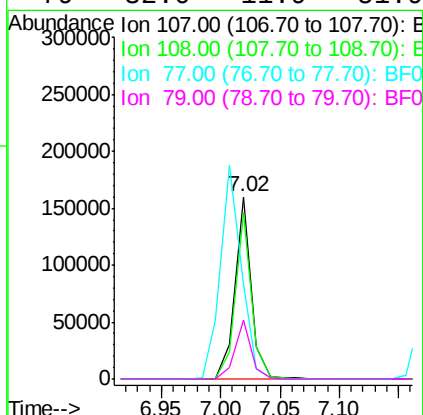
RT: 7.02 min Scan# 449

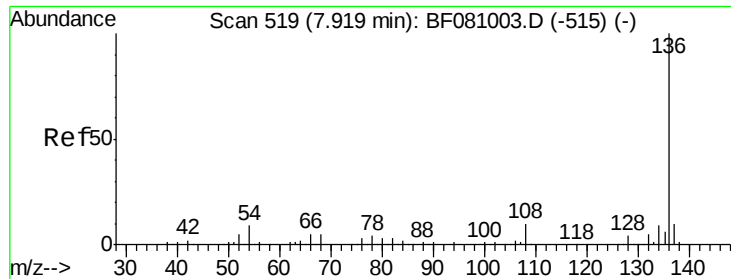
Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	91.0	66.1	106.1	
77	51.8	139.3	179.3	
79	32.0	11.9	51.9	





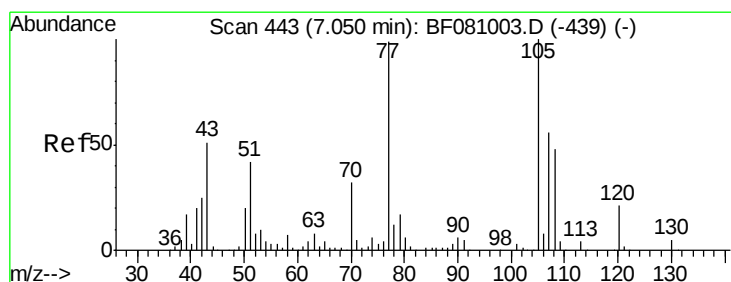
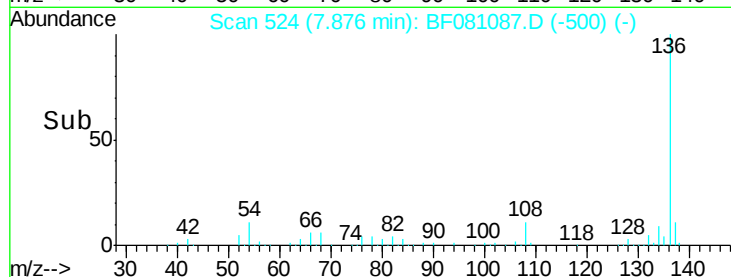
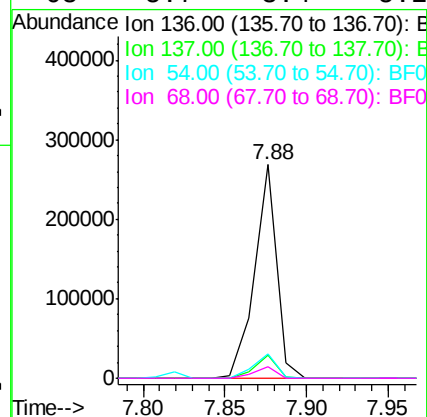
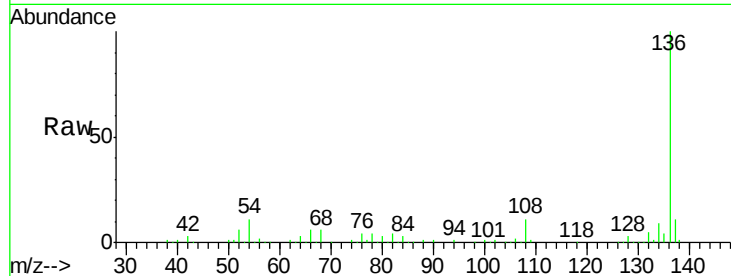
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	250576		
137	10.9	8.2	12.2	
54	11.3	7.7	11.5	
68	5.7	3.4	5.2	

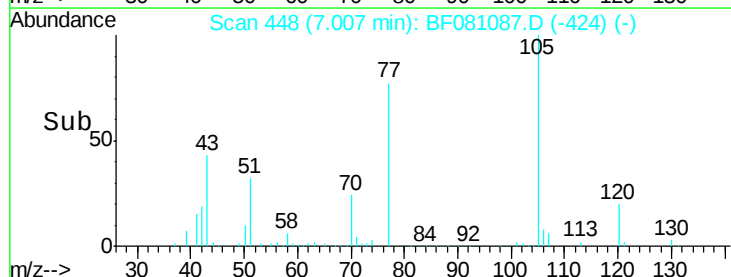
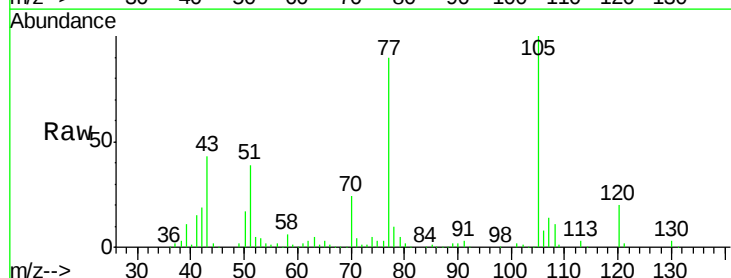
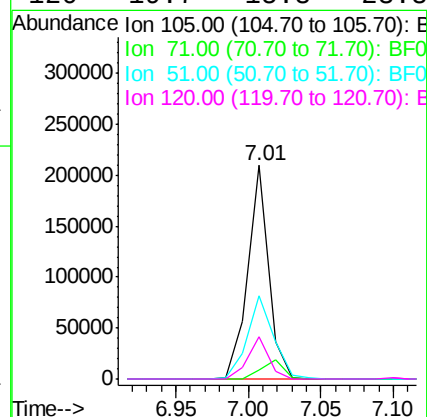
Manual Integrations
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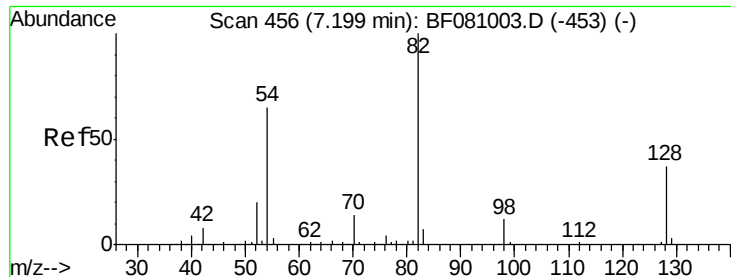
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#22
Acetophenone
Concen: 31.90 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	209861		
71	3.9	3.0	4.6	
51	39.1	39.8	59.8	
120	19.7	15.8	23.8	





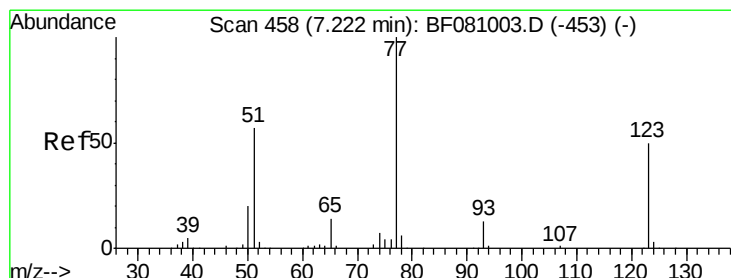
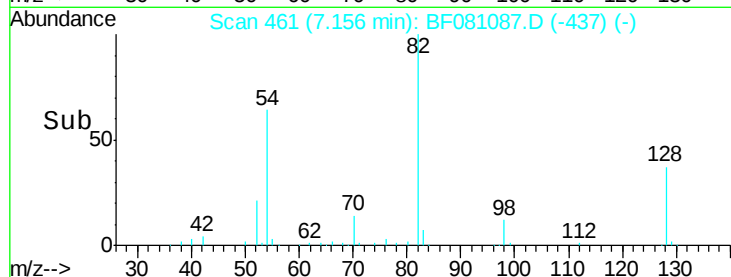
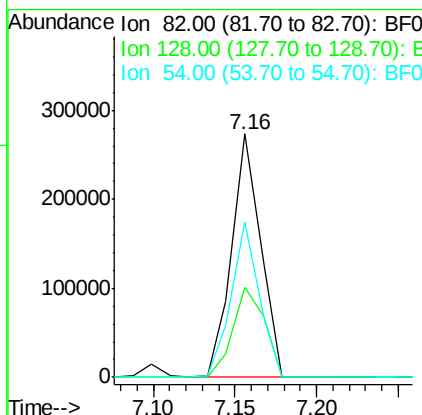
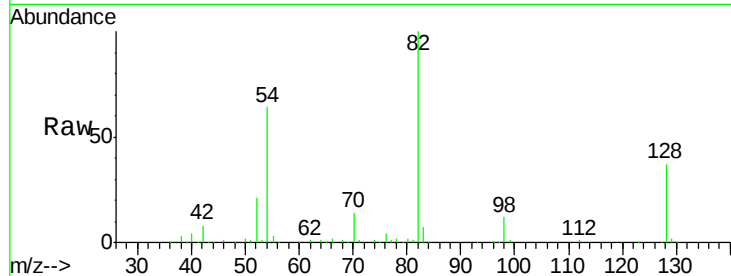
#23
 Nitrobenzene-d5
 Concen: 61.10 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	37.0	28.6	42.8
54	64.0	55.1	82.7

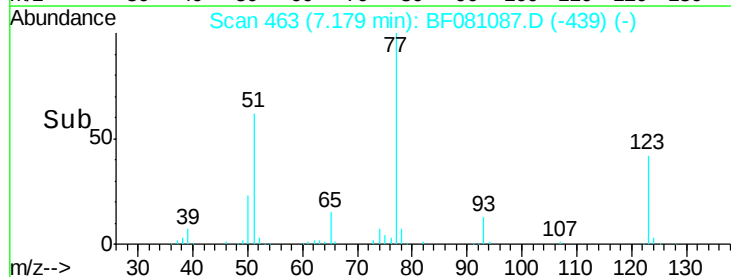
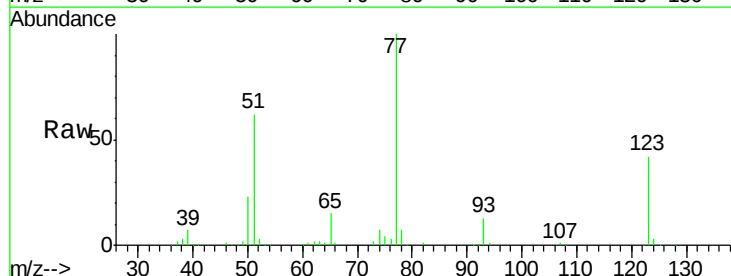
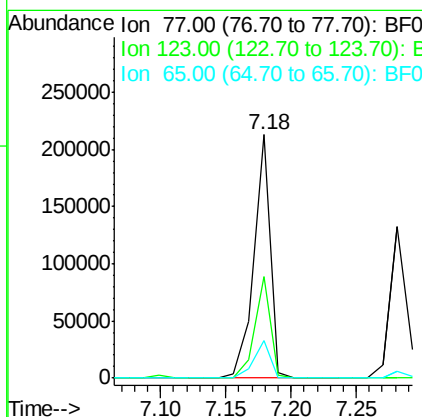
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#24
 Nitrobenzene
 Concen: 32.53 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	41.7	32.9	49.3
65	15.2	12.5	18.7





#25

Isophorone

Concen: 29.03 ng

RT: 7.42 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

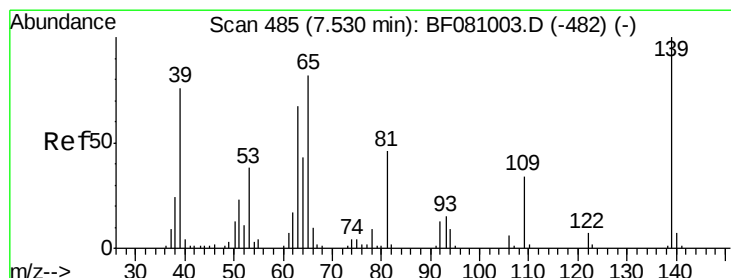
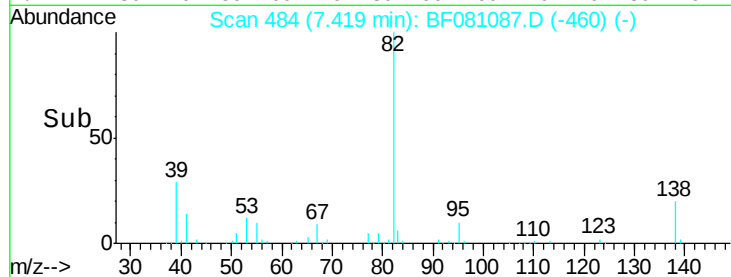
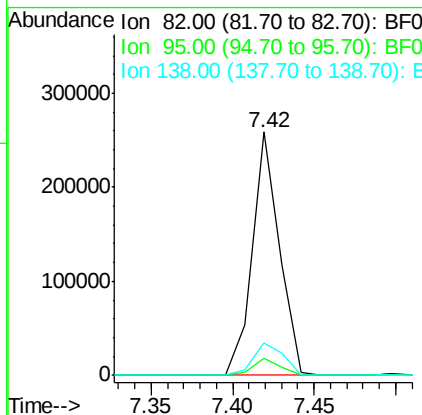
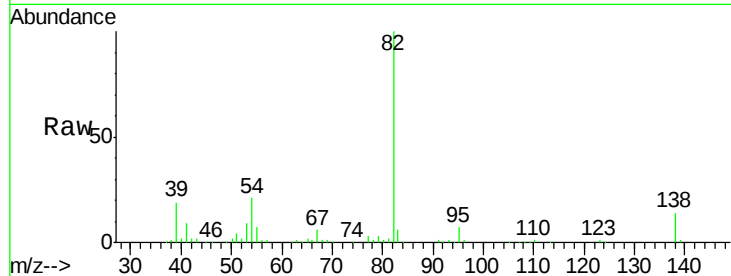
ClientSampleId :

PB84980BS

Tgt Ion:	82	Resp:	297000
Ion Ratio		Lower	Upper
82	100		
95	6.9	6.2	9.2
138	13.5	10.5	15.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.71 ng

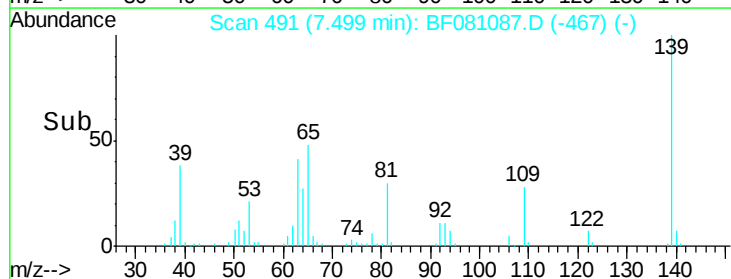
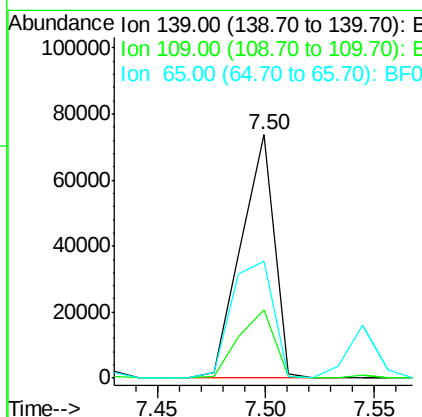
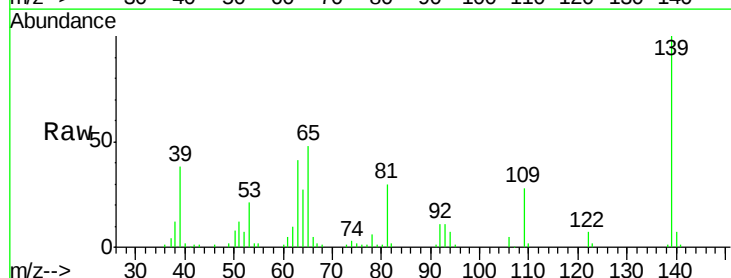
RT: 7.50 min Scan# 491

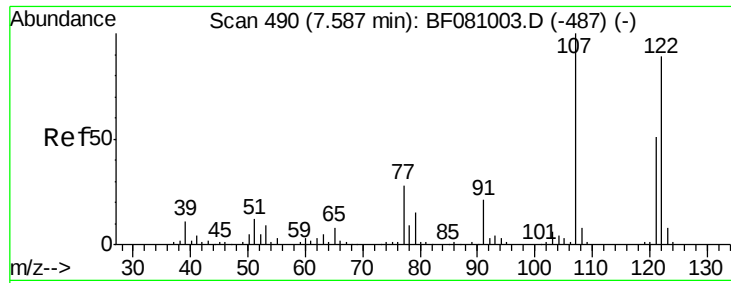
Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

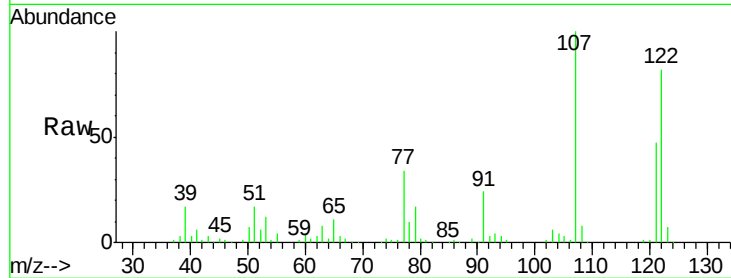
Tgt Ion:	139	Resp:	78011
Ion Ratio		Lower	Upper
139	100		
109	27.8	32.1	48.1#
65	48.1	69.9	104.9#





#27
 2,4-Dimethylphenol
 Concen: 31.43 ng
 RT: 7.54 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

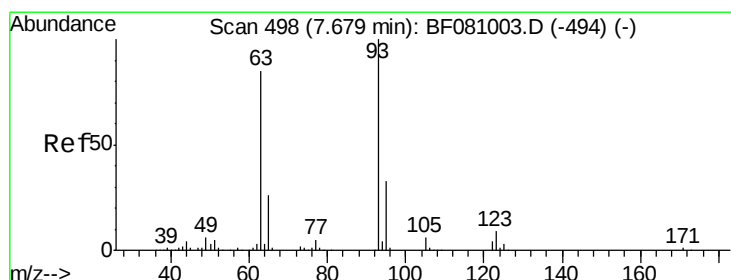
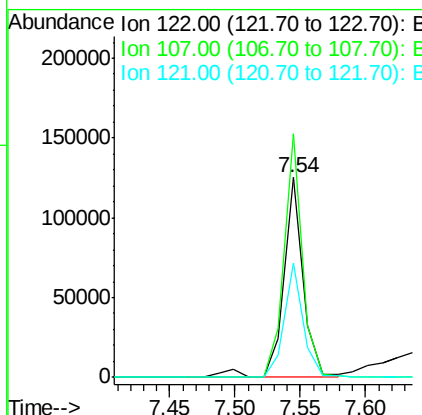
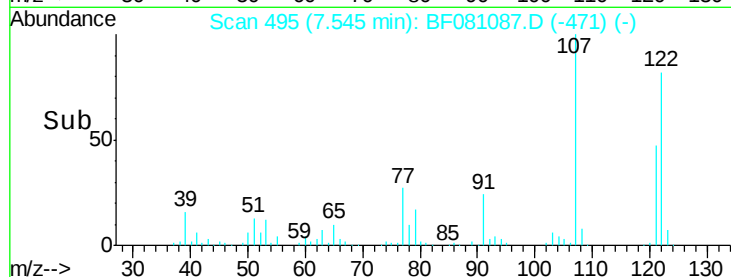
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	132618		
107	121.8	103.8	155.6	
121	57.1	47.0	70.4	

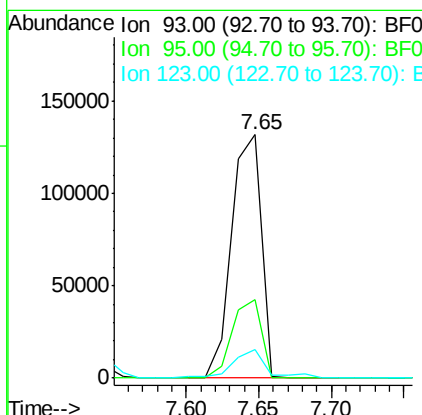
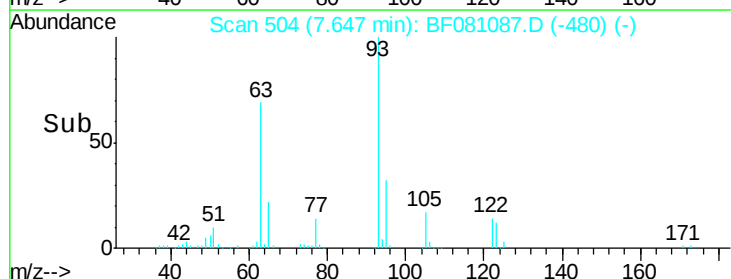
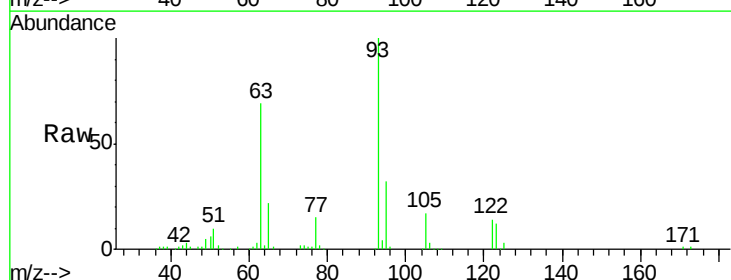
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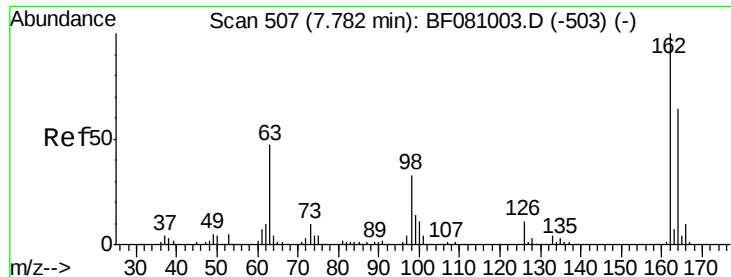
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#28
 bis(2-Chloroethoxy)methane
 Concen: 31.03 ng
 RT: 7.65 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	187507		
95	32.1	25.8	38.8	
123	11.8	7.4	11.0#	





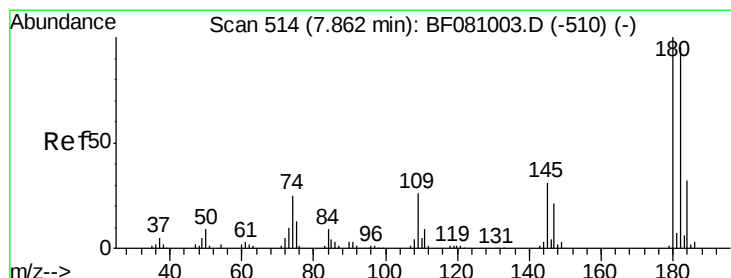
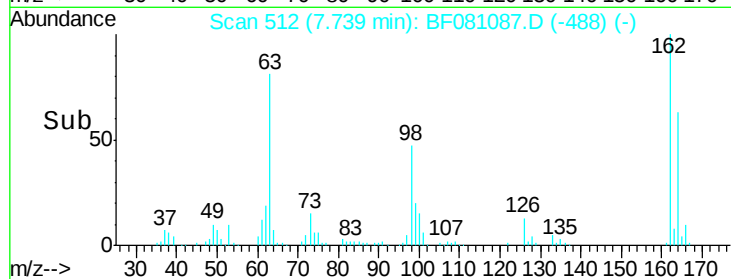
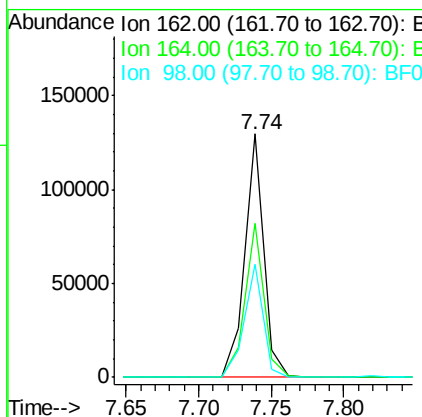
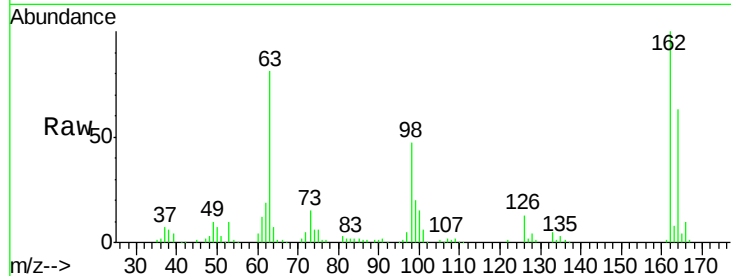
#29
2,4-Dichlorophenol
Concen: 33.19 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	117894		
164	63.4	43.2	83.2	
98	46.7	12.3	52.3	

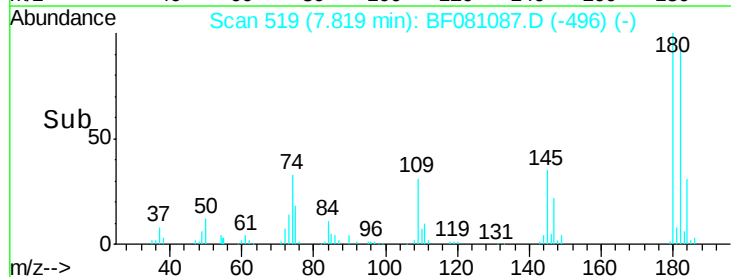
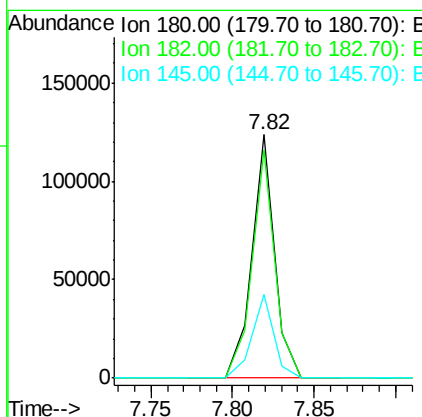
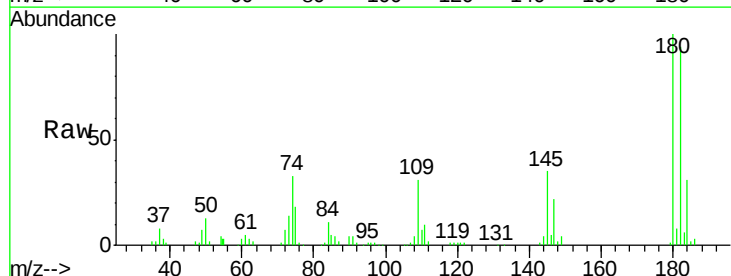
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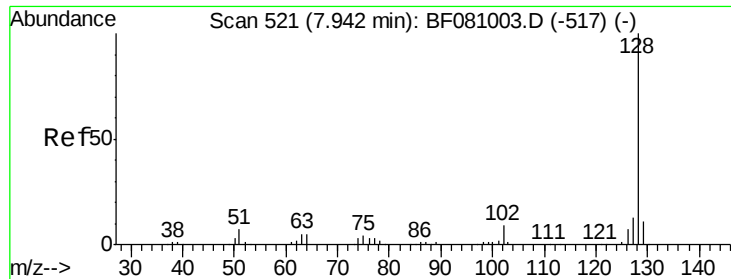
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#30
1,2,4-Trichlorobenzene
Concen: 30.34 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	119795		
182	93.9	76.4	114.6	
145	34.6	25.4	38.2	





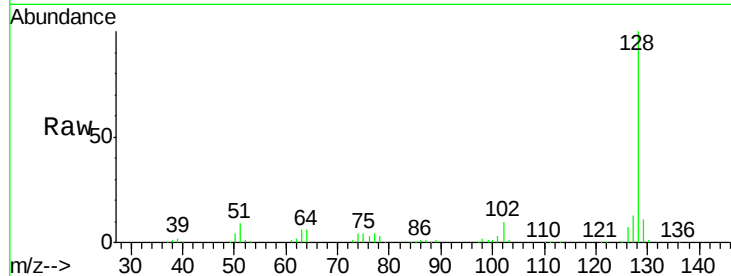
#31
Naphthalene
Concen: 31.56 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

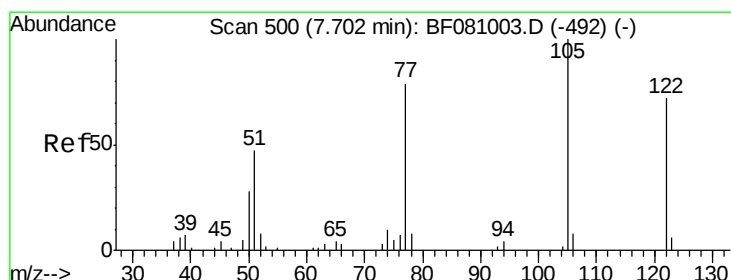
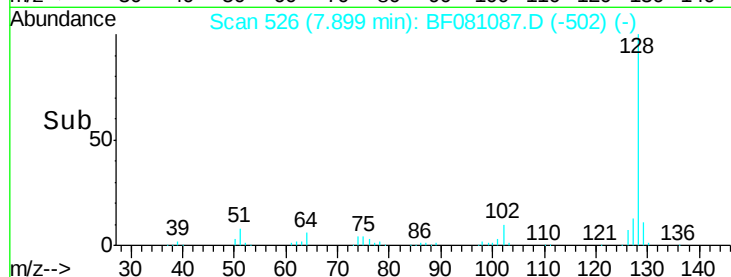
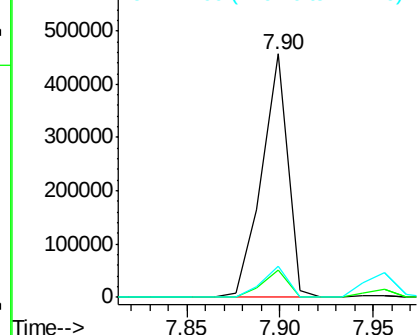
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.1	8.4	12.6
127	13.0	10.6	16.0

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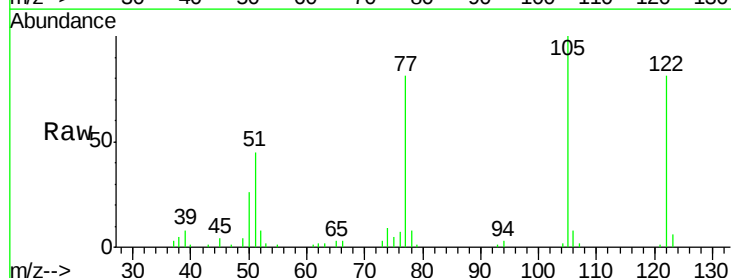


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

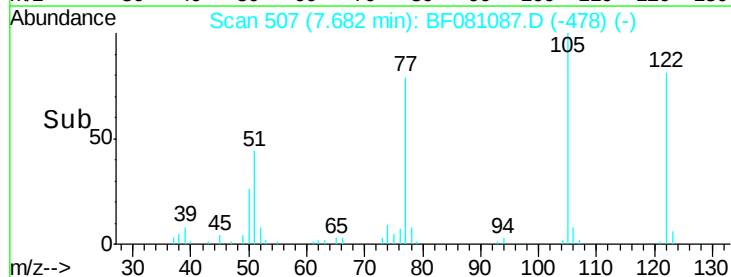
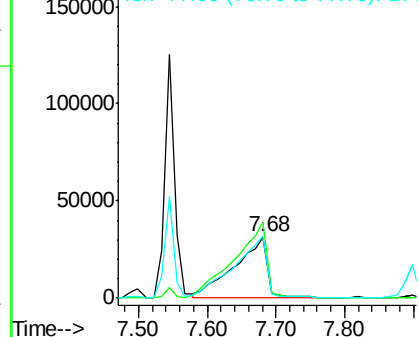


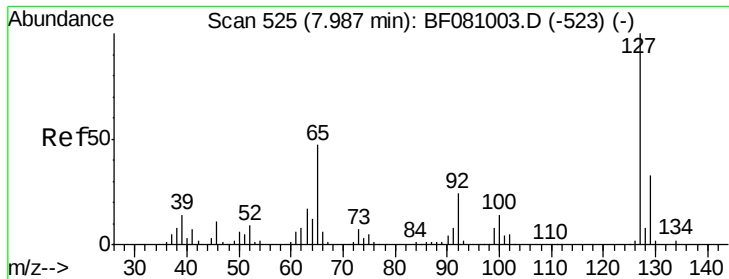
#32
Benzoic acid
Concen: 44.36 ng
RT: 7.68 min Scan# 507
Delta R.T. 0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	124.0	113.8	153.8
77	100.9	93.8	133.8



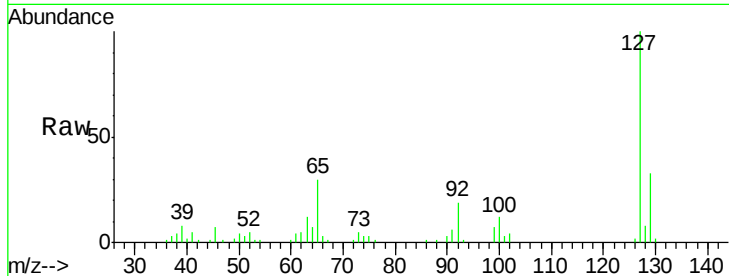
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 9.87 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

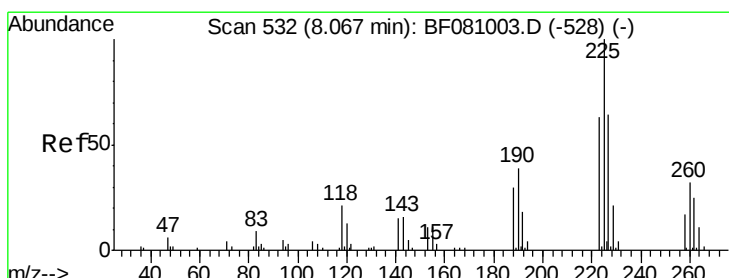
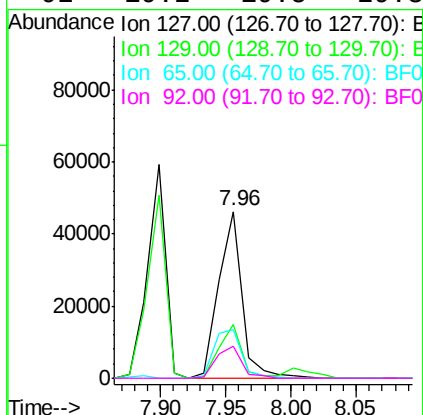
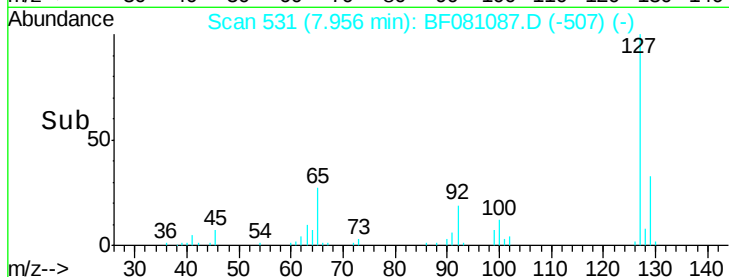
Instrument :
BNA_F
ClientSampleId :
PB84980BS



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.2	37.8
65	29.5	37.8	56.6#
92	19.2	19.5	29.3#

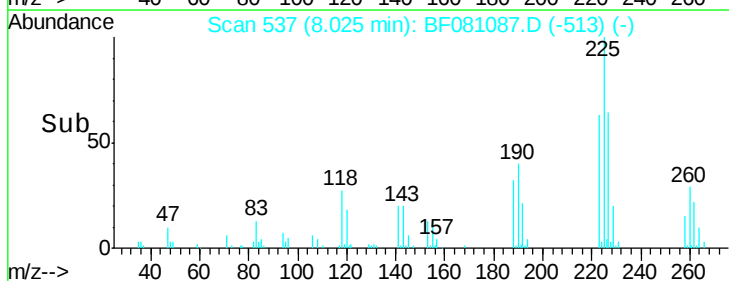
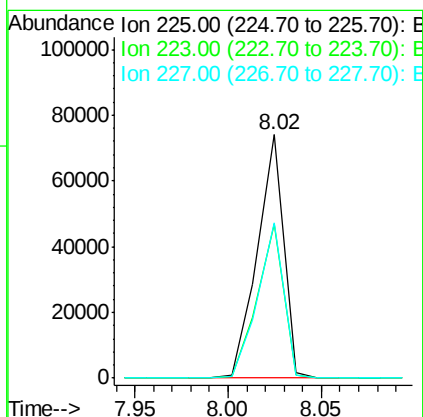
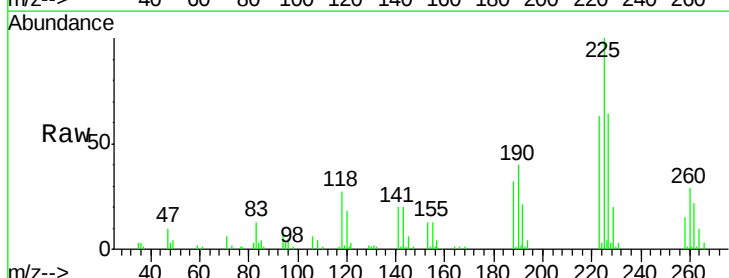
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#34
Hexachlorobutadiene
Concen: 32.20 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	52.6	79.0
227	64.0	51.1	76.7





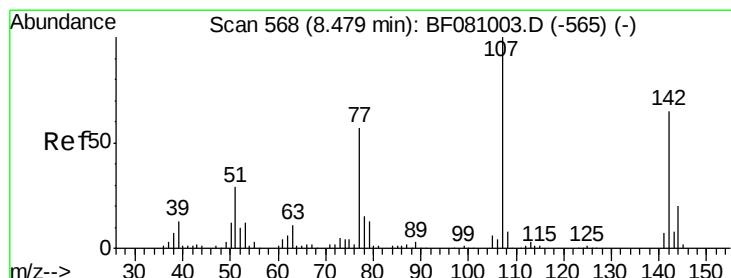
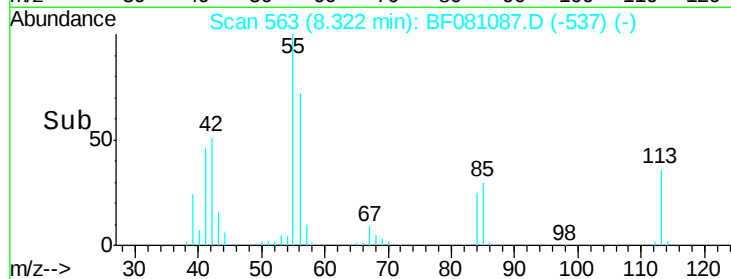
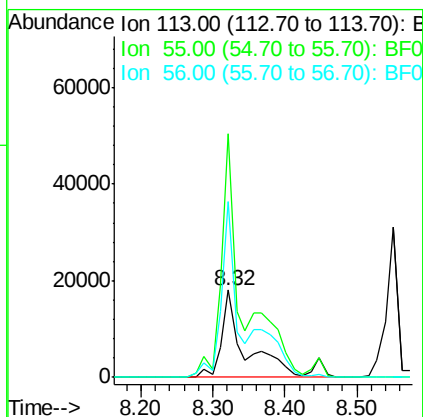
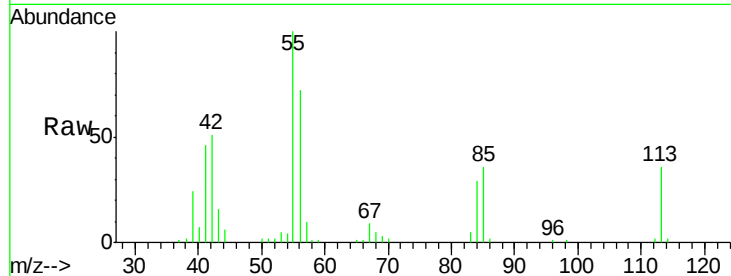
#35
 Caprolactam
 Concen: 35.91 ng m
 RT: 8.32 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion:113 Resp: 44580
 Ion Ratio Lower Upper
 113 100
 55 278.7 280.4 320.4#
 56 200.8 205.9 245.9#

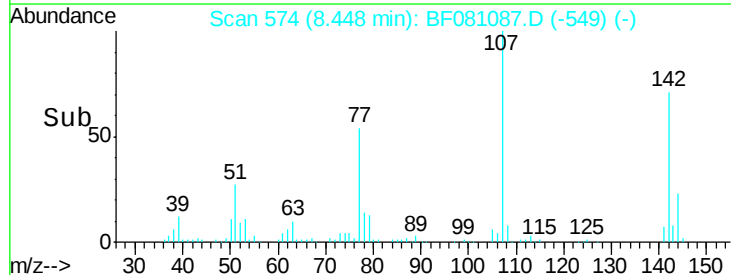
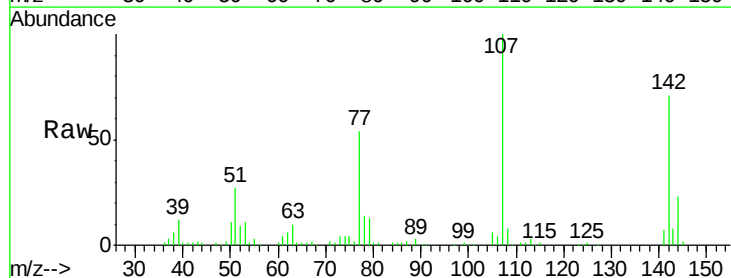
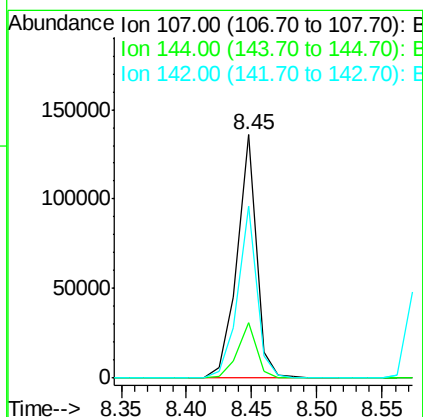
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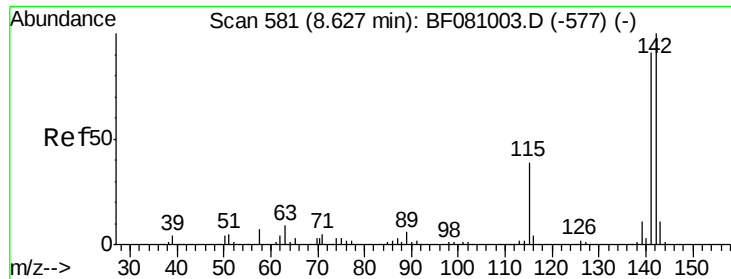
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#36
 4-Chloro-3-methylphenol
 Concen: 33.24 ng
 RT: 8.45 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion:107 Resp: 140725
 Ion Ratio Lower Upper
 107 100
 144 22.6 17.2 25.8
 142 70.6 54.9 82.3





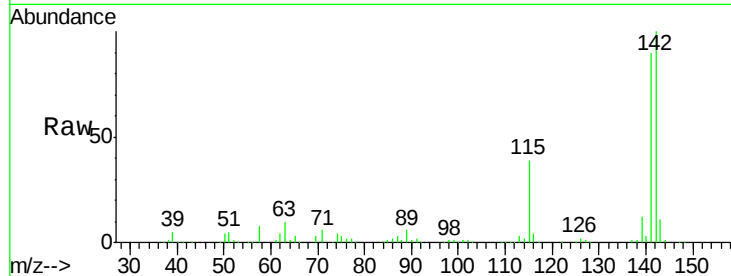
#37
 2-Methylnaphthalene
 Concen: 29.56 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

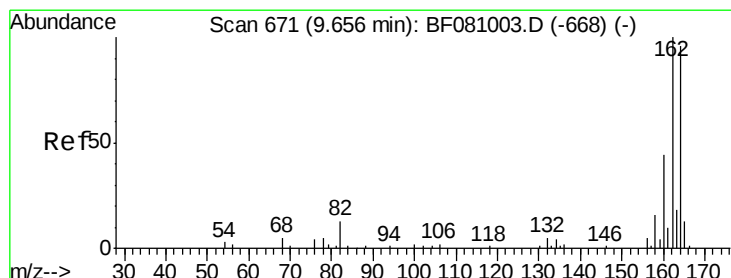
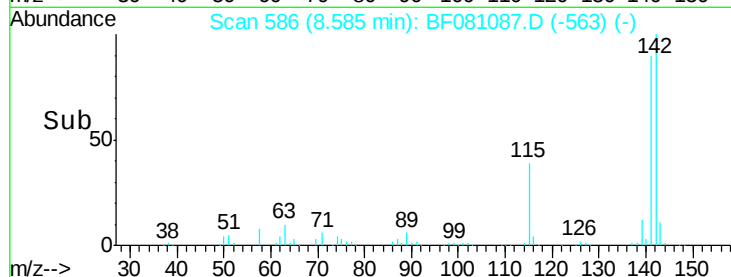
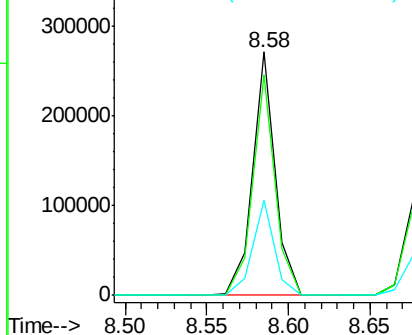
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	260800		
141	90.4	71.4	107.2	
115	39.3	33.4	50.0	

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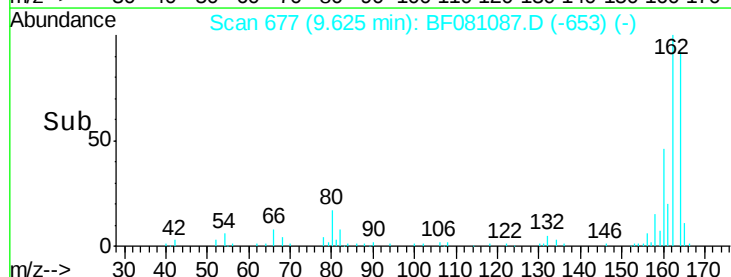
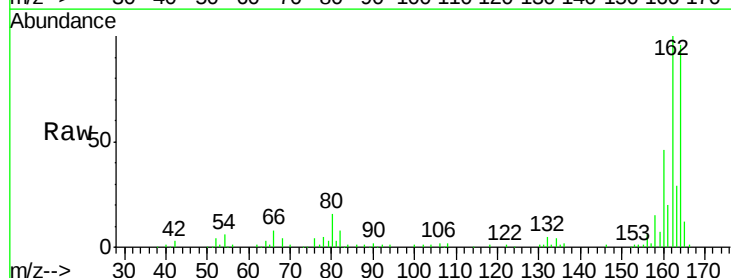
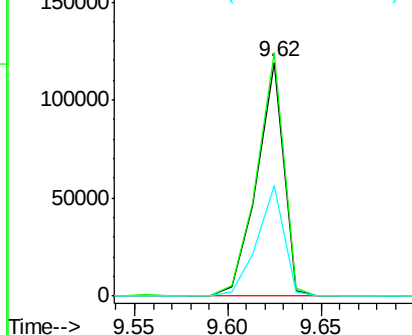
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

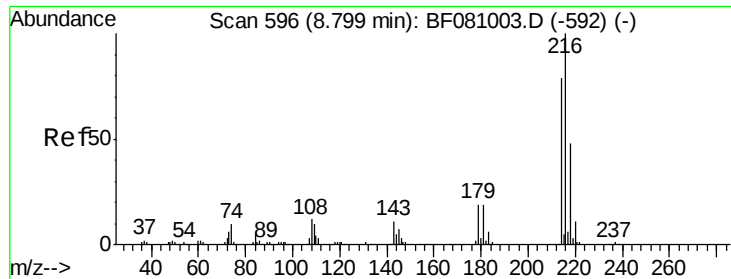


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	118633		
162	104.1	83.8	125.8	
160	47.5	39.8	59.8	

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.57 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

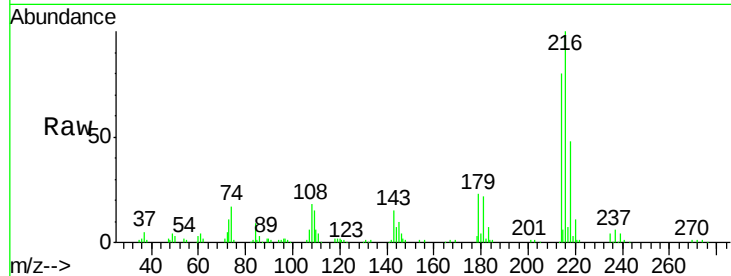
ClientSampleId :

PB84980BS

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	117020		
214	80.2	63.8	95.8	
179	23.0	17.8	26.8	
108	24.0	16.2	24.2	

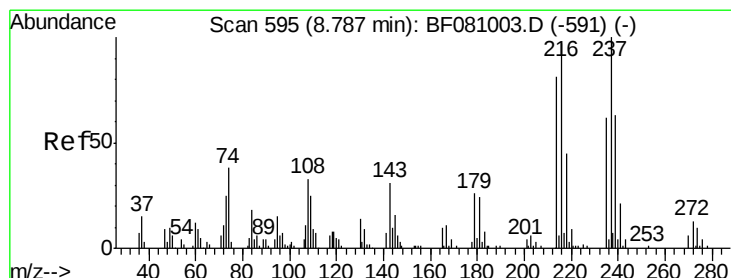
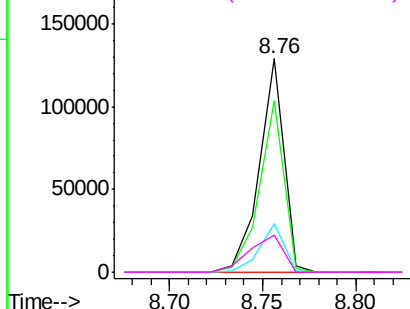
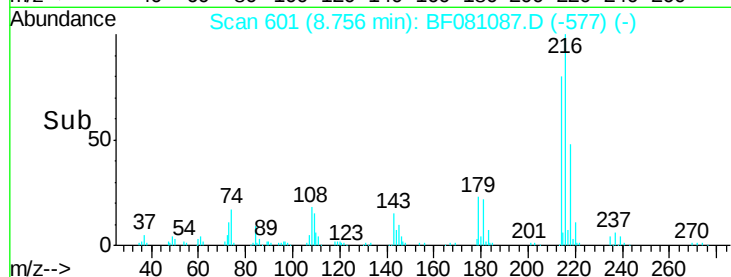


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.80 ng

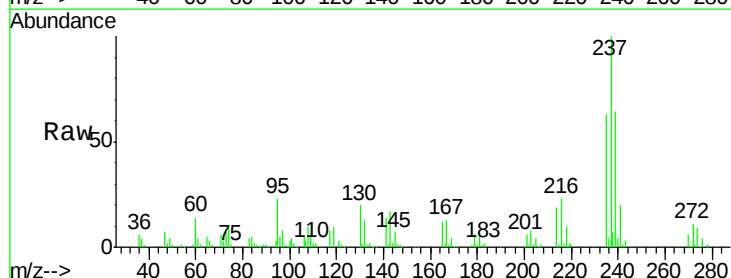
RT: 8.74 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

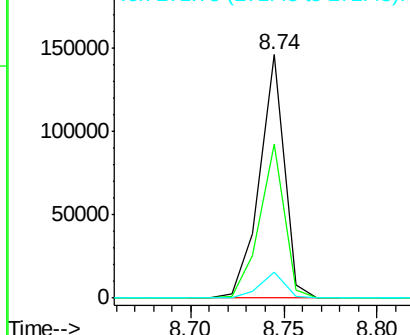
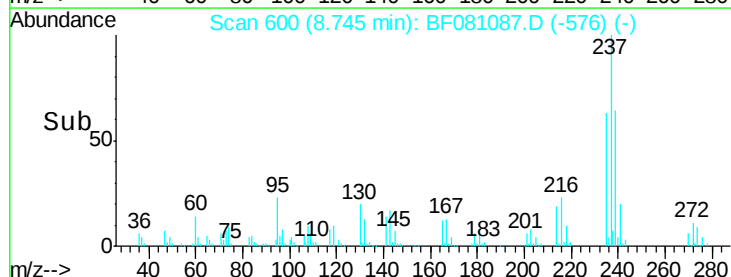
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	134327		
235	63.1	43.6	83.6	
272	10.8	0.0	32.2	

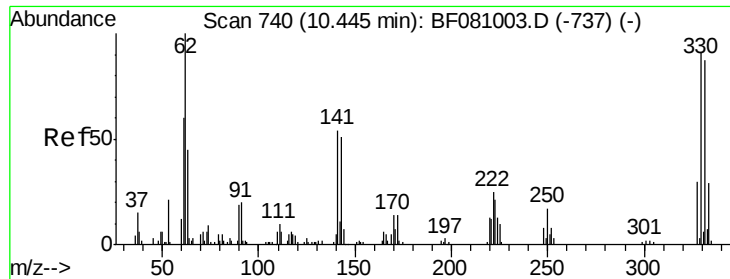


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





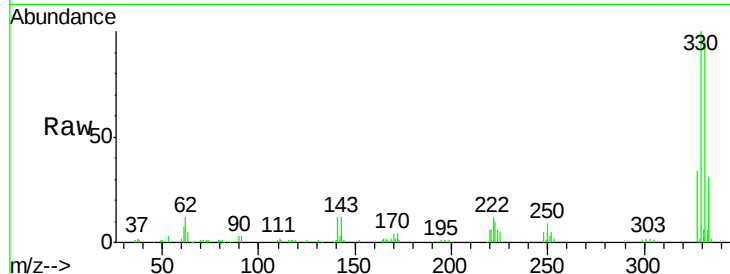
#41
 2,4,6-Tribromophenol
 Concen: 99.96 ng
 RT: 10.41 min Scan# 746
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampled :
 PB84980BS

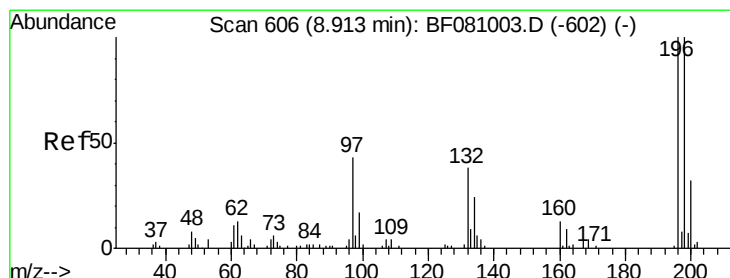
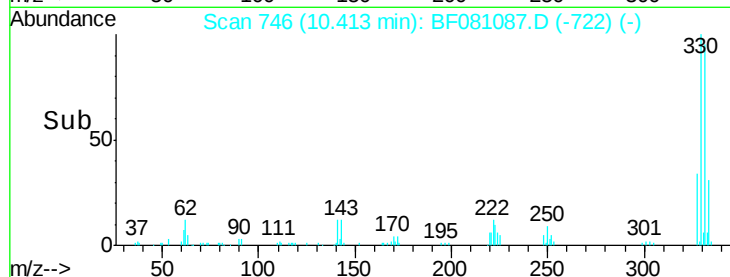
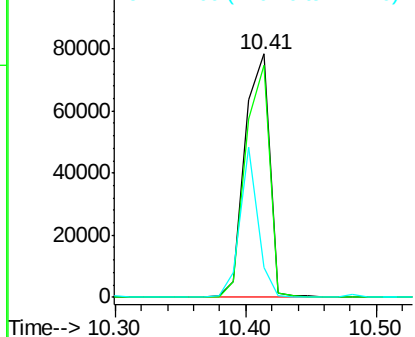
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	102797		
332	93.1	77.3	115.9	
141	44.5	44.9	67.3#	

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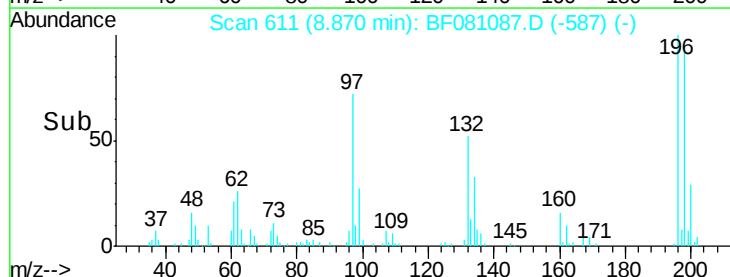
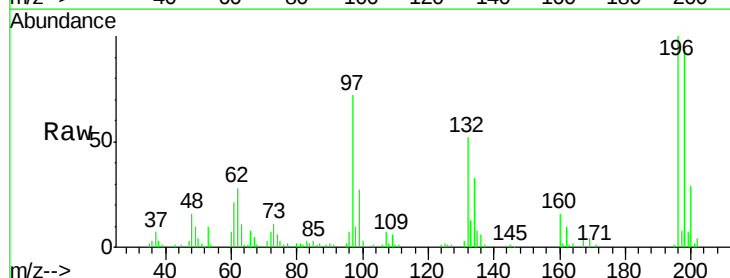
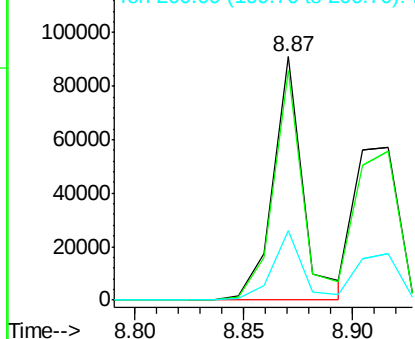
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 32.19 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87042		
198	94.0	74.6	111.8	
200	28.8	22.7	34.1	

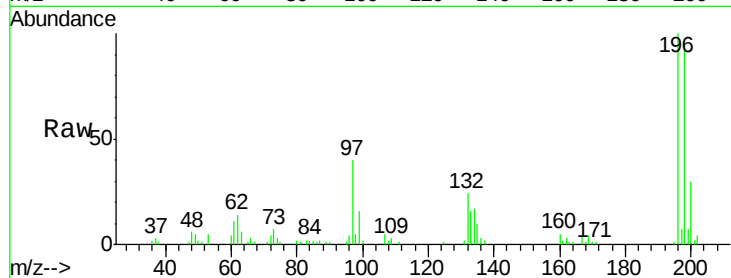
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 29.87 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

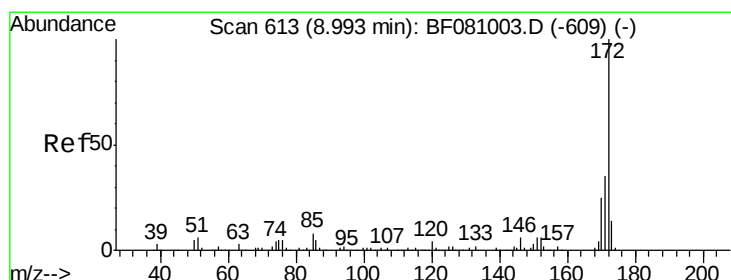
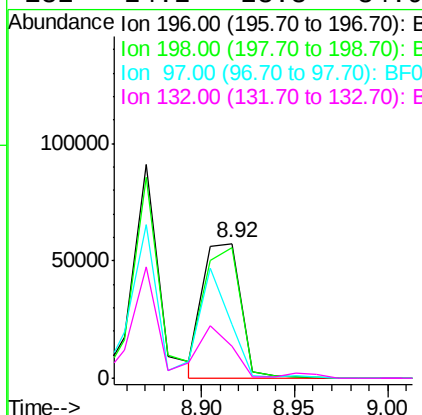
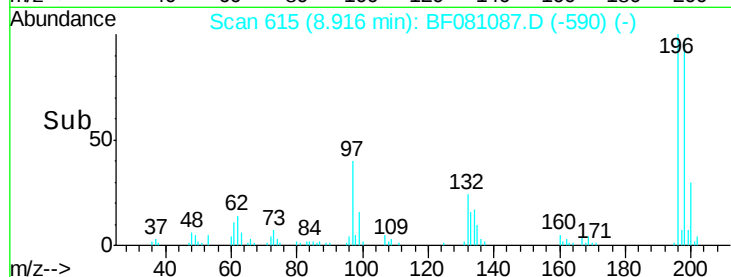
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



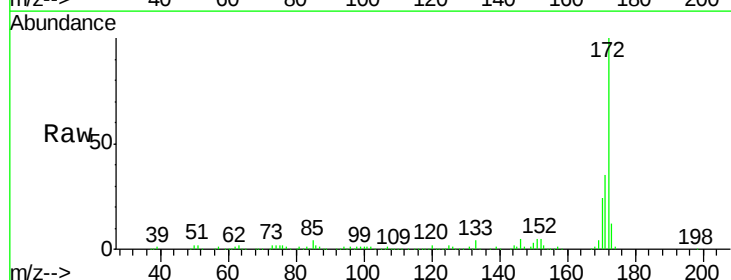
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80727		
198	97.0	78.3	117.5	
97	40.3	42.7	64.1#	
132	24.2	23.3	34.9	

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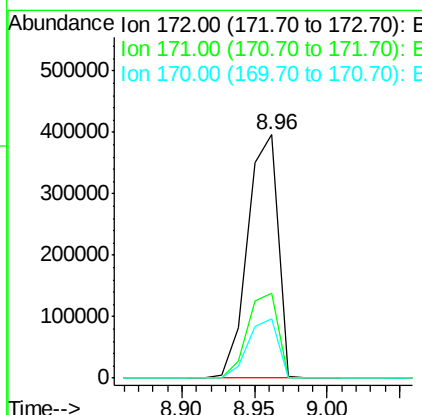
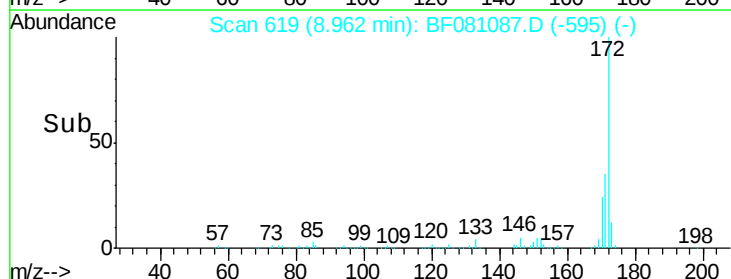
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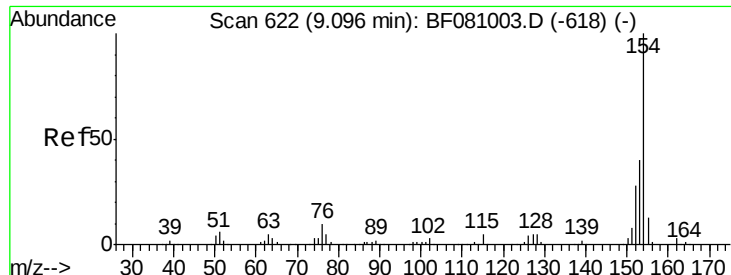


#44
 2-Fluorobiphenyl
 Concen: 63.28 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	572922		
171	35.1	28.9	43.3	
170	24.1	19.4	29.2	





#45

1,1'-Biphenyl

Concen: 33.12 ng

RT: 9.05 min Scan# 627

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

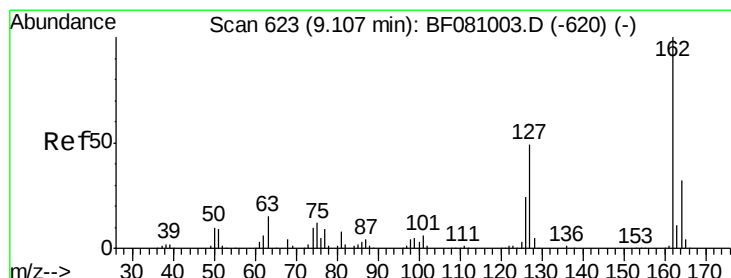
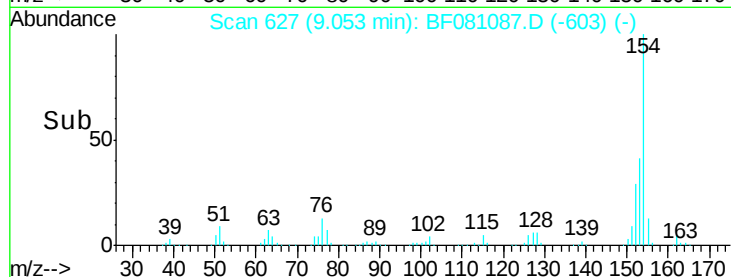
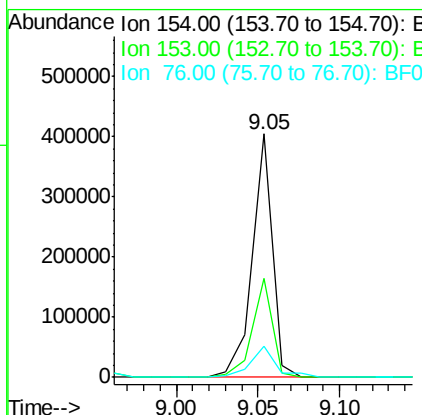
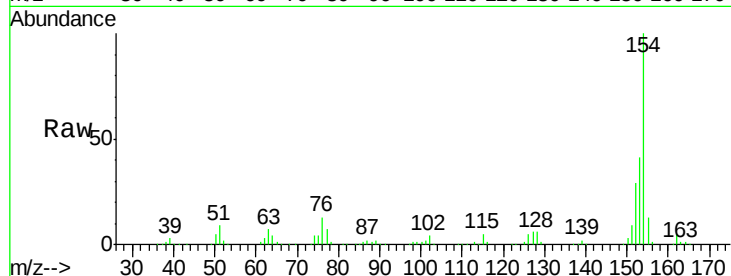
ClientSampled :

PB84980BS

Tgt Ion:	154	Resp:	346060
Ion Ratio	Lower	Upper	
154	100		
153	40.6	19.5	59.5
76	12.9	0.0	29.3

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 30.48 ng

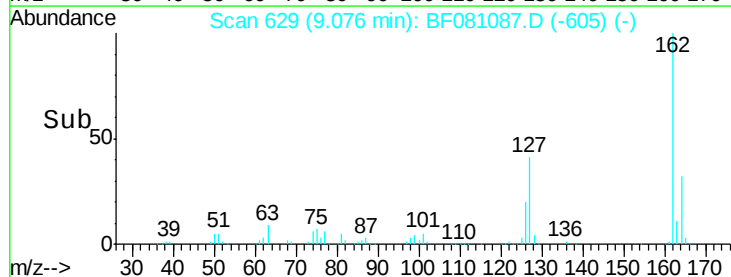
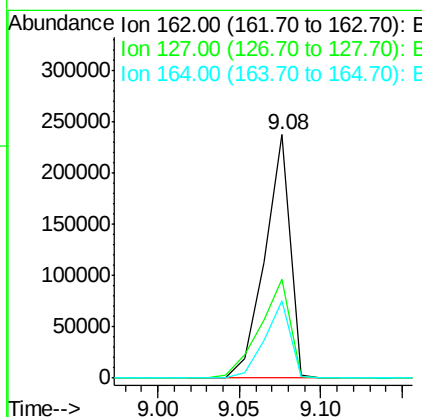
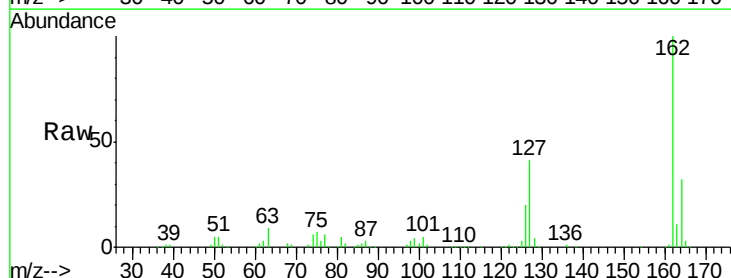
RT: 9.08 min Scan# 629

Delta R.T. -0.03 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

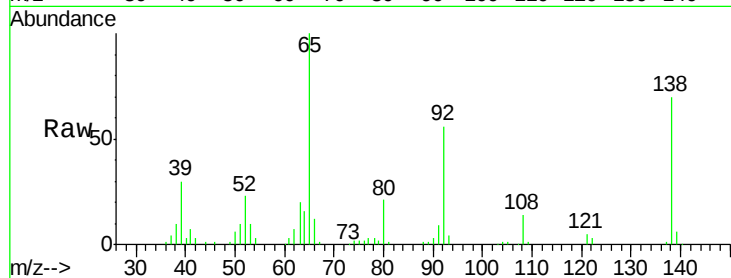
Tgt Ion:	162	Resp:	255858
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.3	46.9
164	32.0	26.3	39.5





#47
 2-Nitroaniline
 Concen: 28.73 ng
 RT: 9.17 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

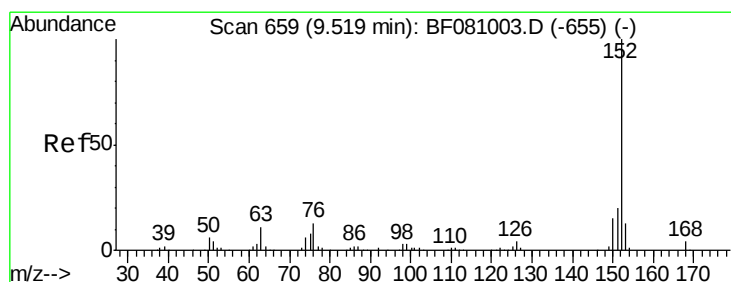
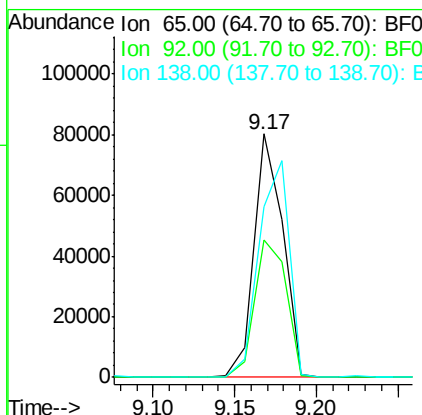
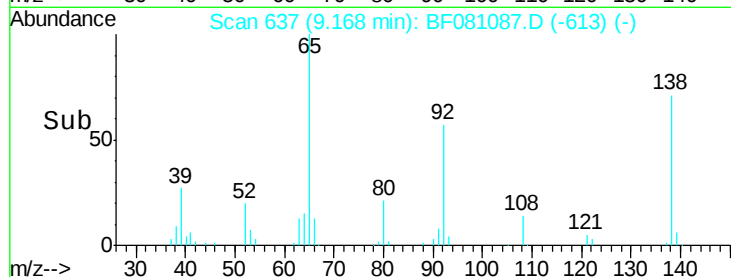
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	56.4	45.6	68.4
138	70.2	57.9	86.9

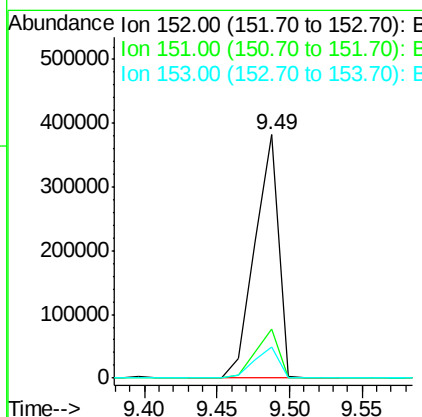
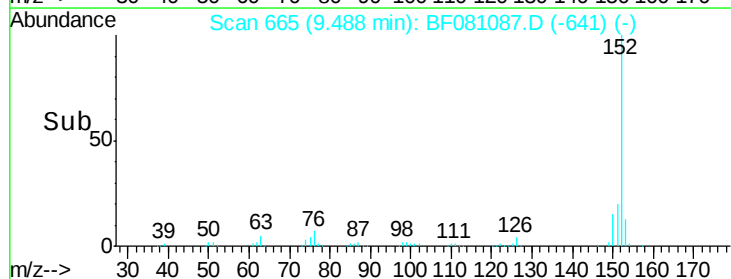
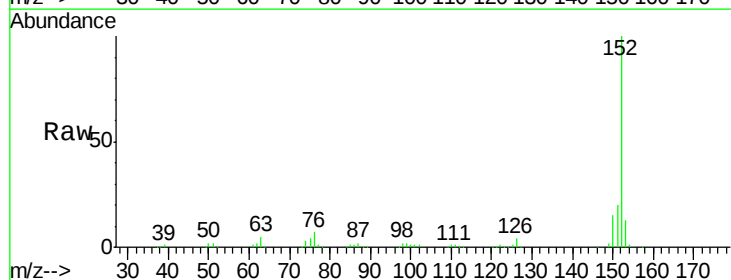
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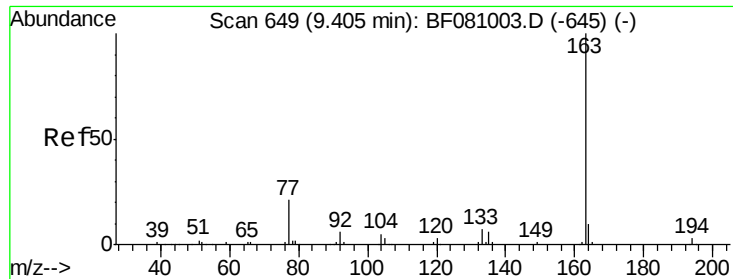
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#48
 Acenaphthylene
 Concen: 28.84 ng
 RT: 9.49 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.1	24.1
153	12.7	9.8	14.6





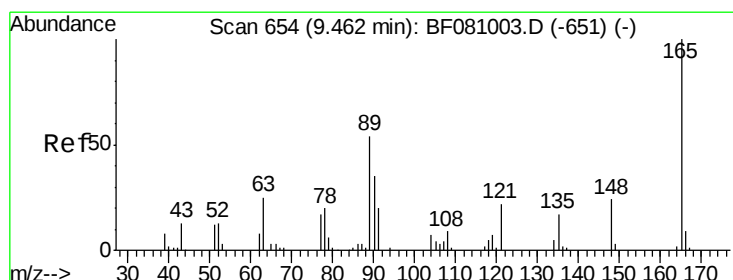
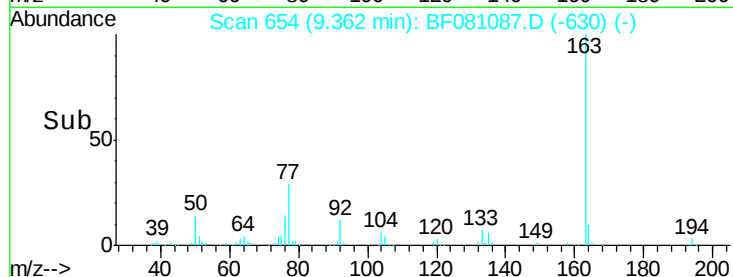
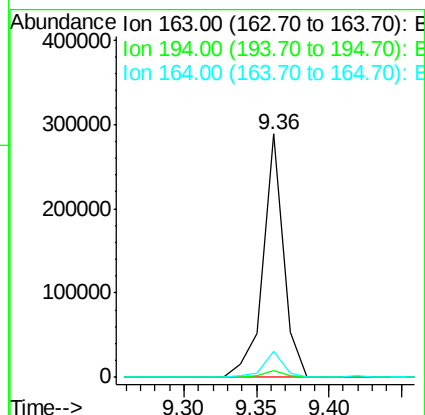
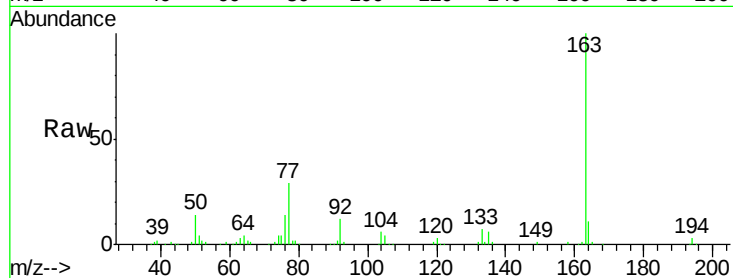
#49
Dimethylphthalate
Concen: 28.84 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	281779		
194	2.9		2.5	3.7
164	10.7		8.1	12.1

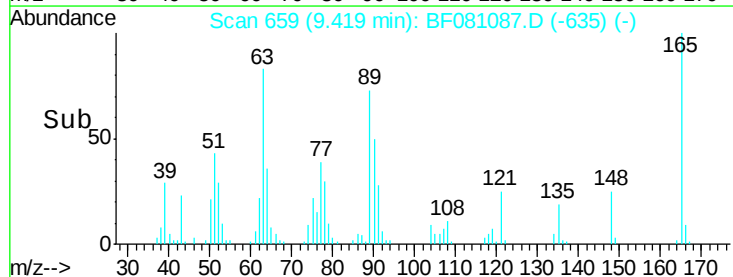
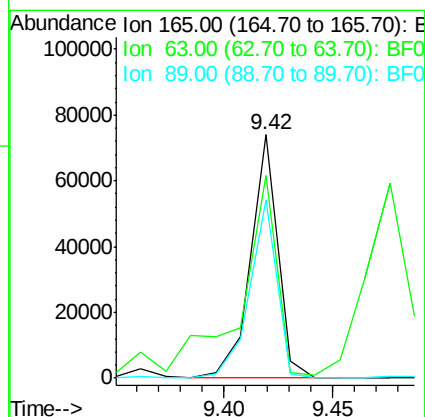
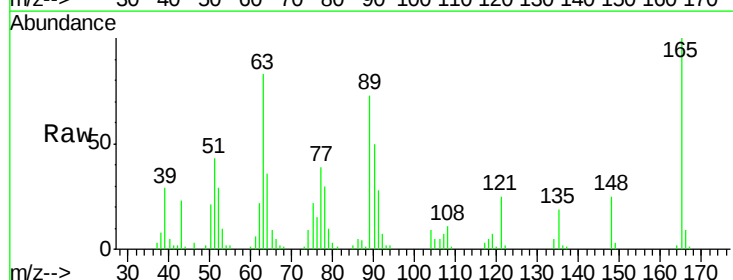
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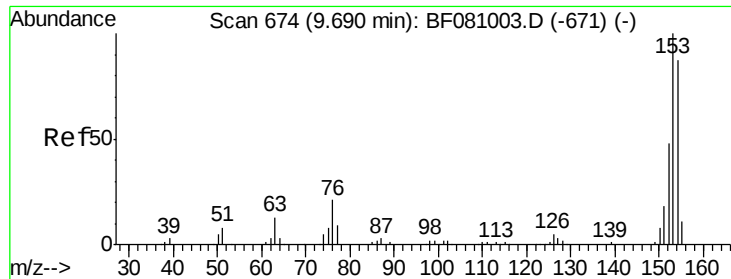
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#50
2,6-Dinitrotoluene
Concen: 30.61 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	64199		
63	83.3		49.5	74.3#
89	73.5		47.6	71.4#





#51

Acenaphthene

Concen: 29.25 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081087.D

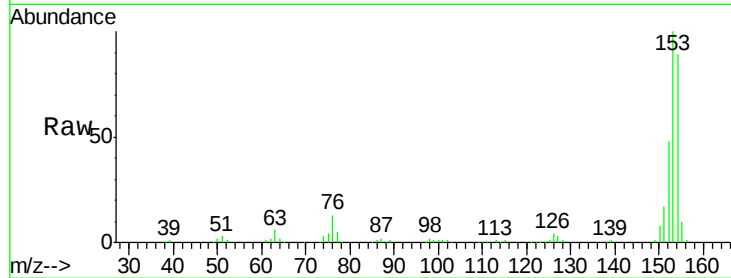
Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

ClientSampleId :

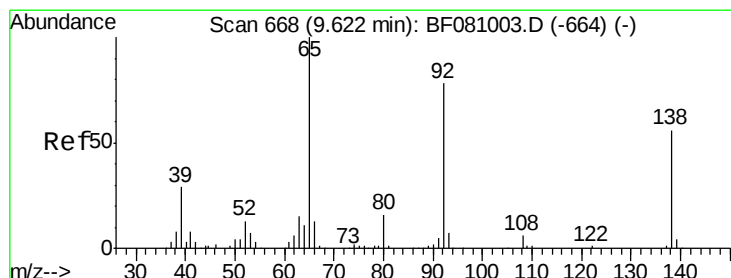
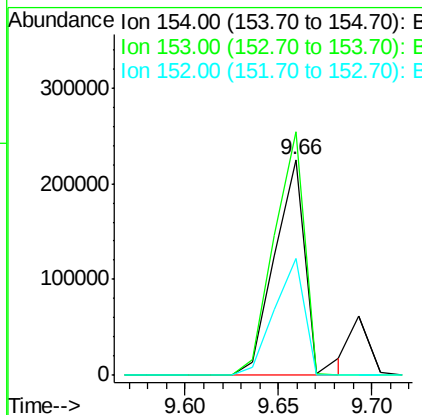
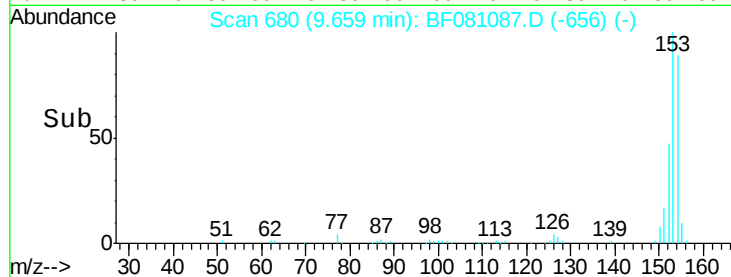
PB84980BS



Tgt Ion:	154	Resp:	263002
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.4	137.2
152	54.1	43.7	65.5

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#52

3-Nitroaniline

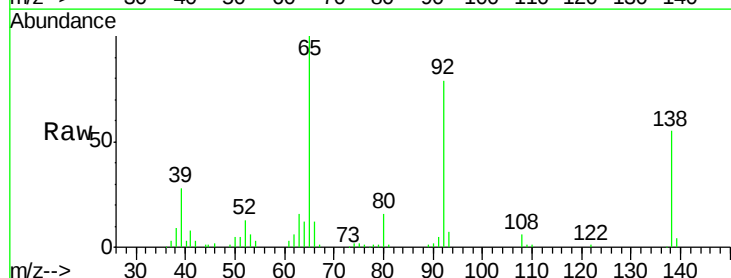
Concen: 14.71 ng

RT: 9.58 min Scan# 673

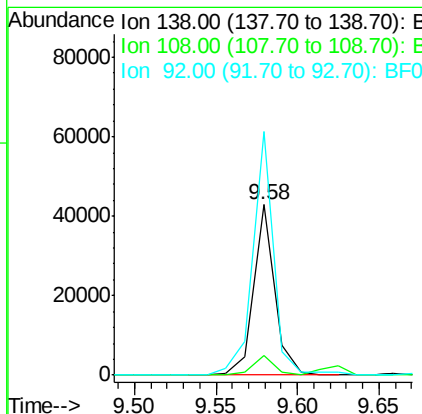
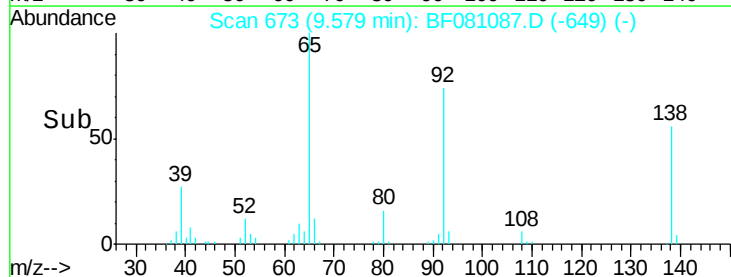
Delta R.T. -0.03 min

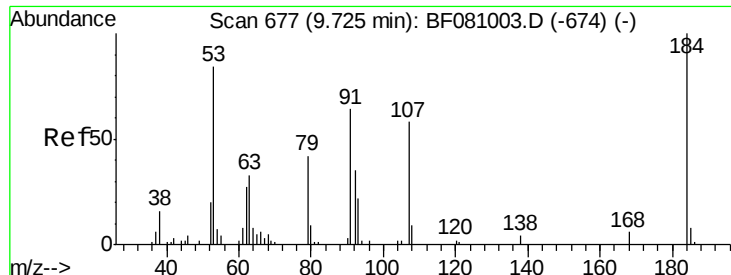
Lab File: BF081087.D

Acq: 19 Aug 2015 18:17



Tgt Ion:	138	Resp:	38604
Ion Ratio	Lower	Upper	
138	100		
108	11.5	9.4	14.2
92	142.8	113.2	169.8





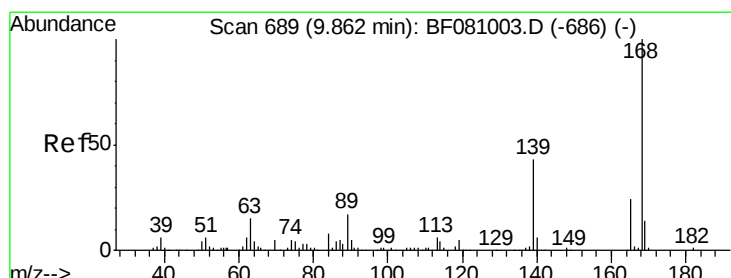
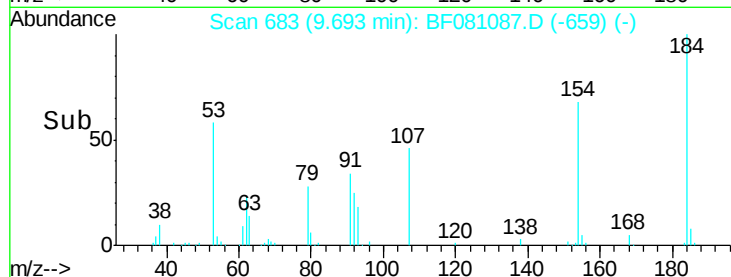
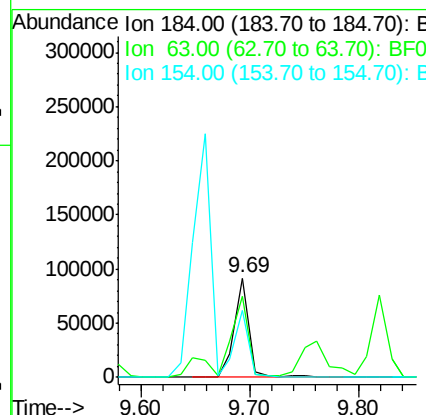
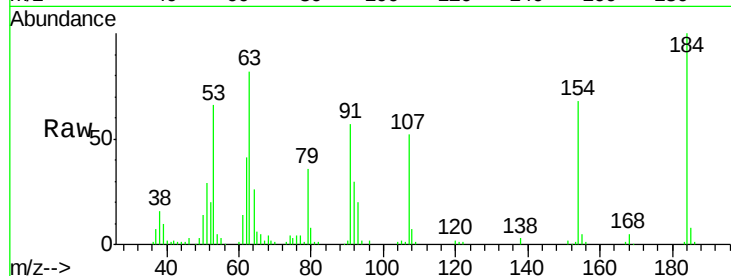
#53
2,4-Dinitrophenol
Concen: 74.28 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion:184 Resp: 85550
Ion Ratio Lower Upper
184 100
63 81.5 101.7 152.5#
154 67.6 67.4 101.0

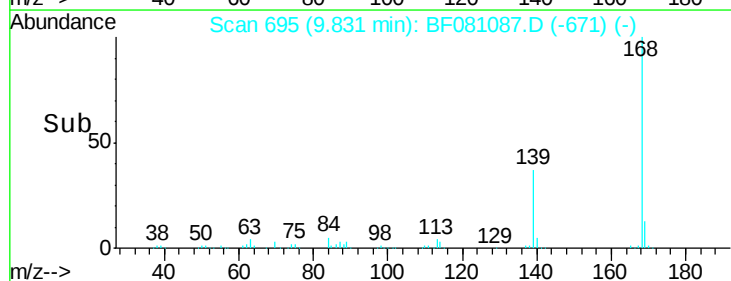
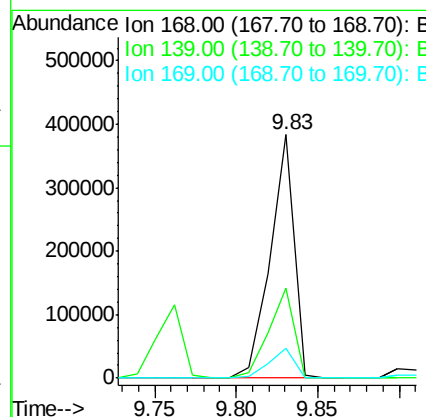
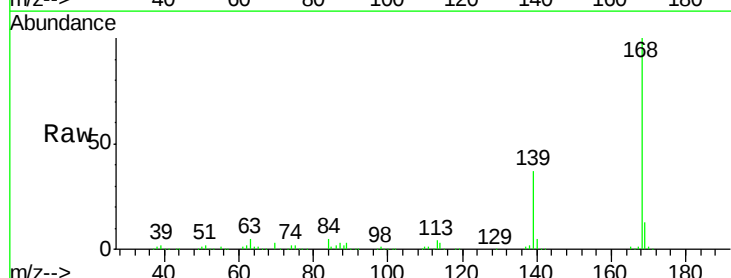
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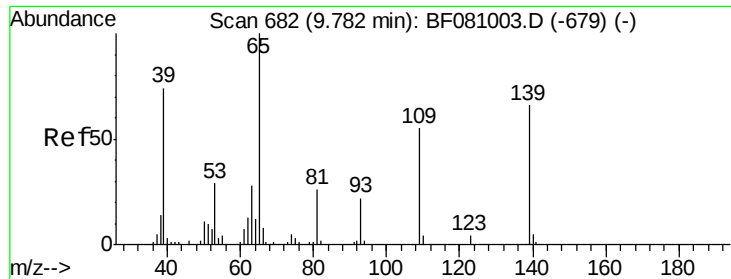
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#54
Dibenzofuran
Concen: 32.40 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion:168 Resp: 390302
Ion Ratio Lower Upper
168 100
139 36.8 29.3 43.9
169 12.5 10.3 15.5





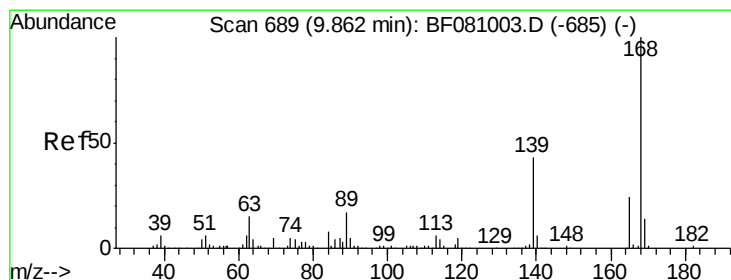
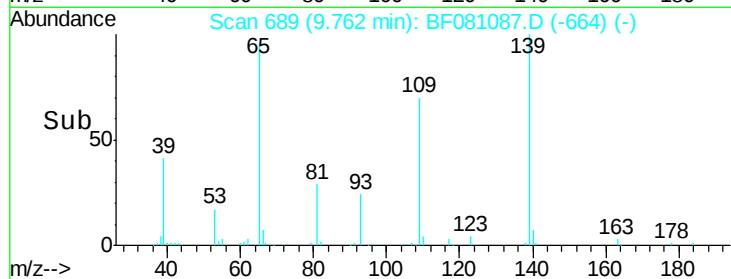
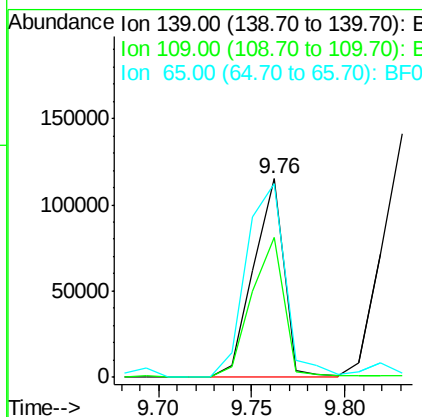
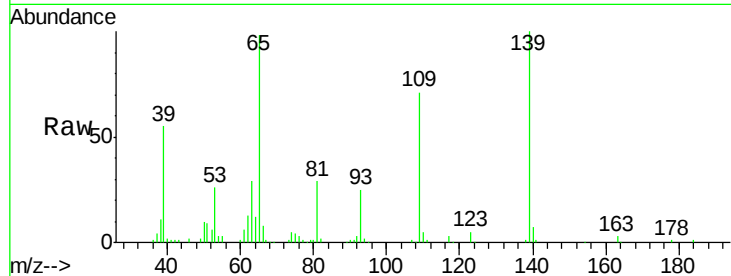
#55
 4-Nitrophenol
 Concen: 70.97 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	130840		
109	70.6	80.0	120.0#	
65	97.5	138.3	178.3#	

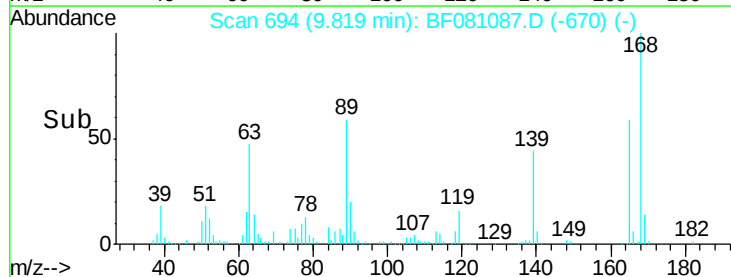
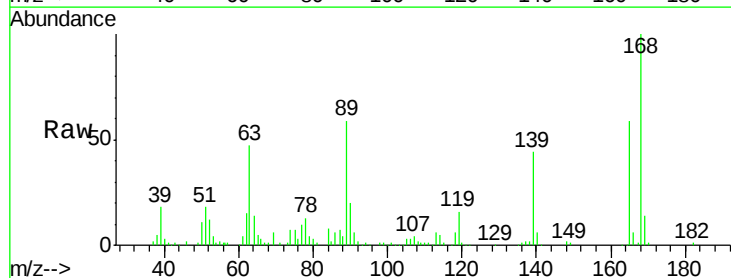
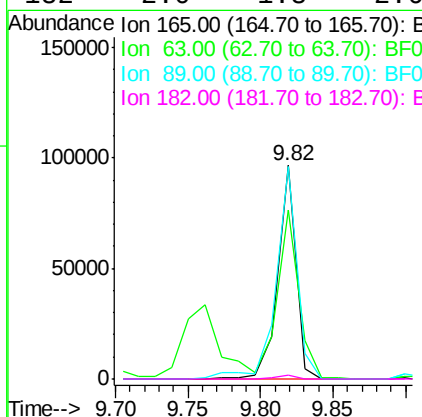
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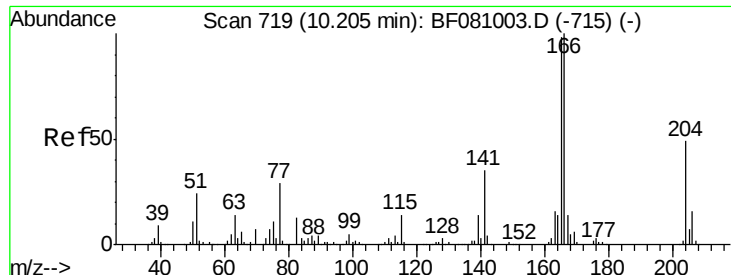
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#56
 2,4-Dinitrotoluene
 Concen: 30.45 ng
 RT: 9.82 min Scan# 694
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	84661		
63	79.2	52.2	78.4#	
89	99.4	60.1	90.1#	
182	2.0	1.8	2.6	





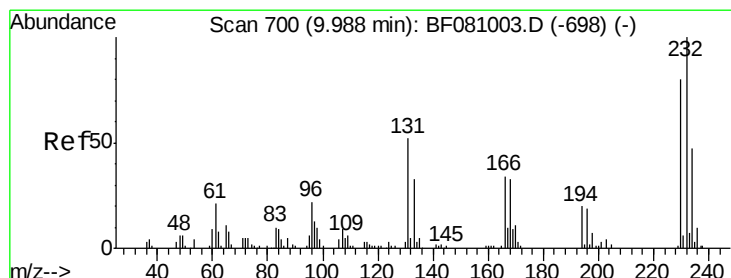
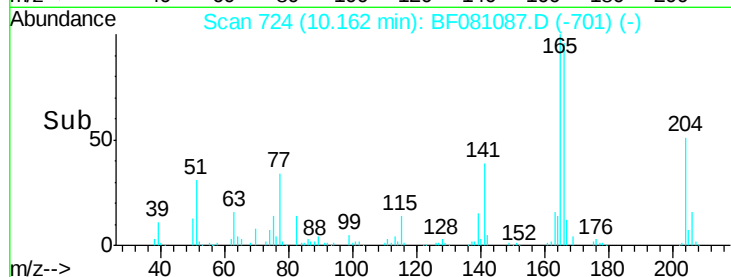
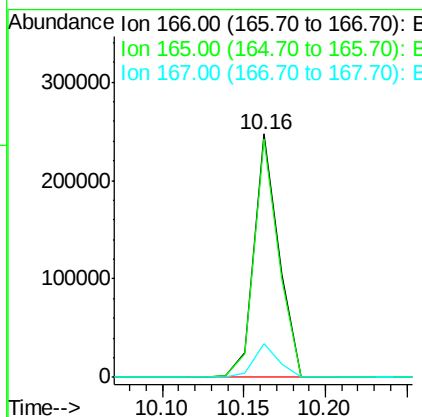
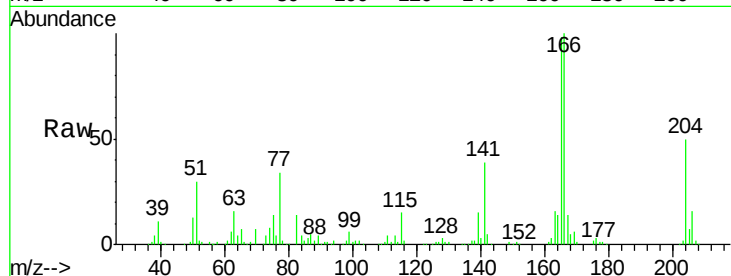
#57
Fluorene
 Concen: 28.04 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	259871		
165	98.0	75.8	113.8	
167	13.8	11.3	16.9	

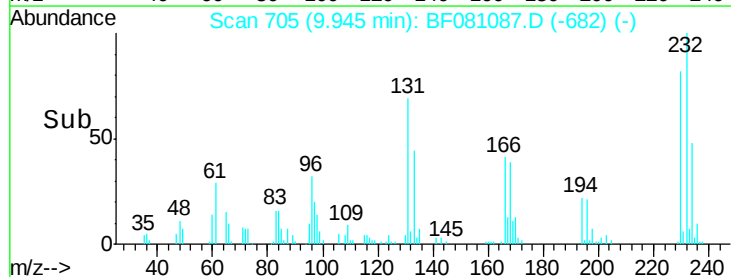
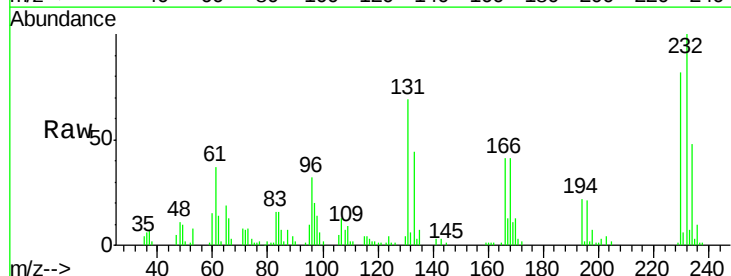
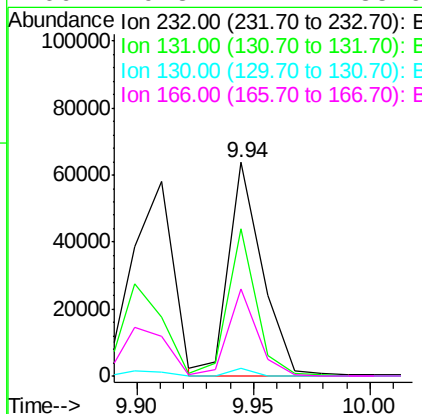
Manual Integrations
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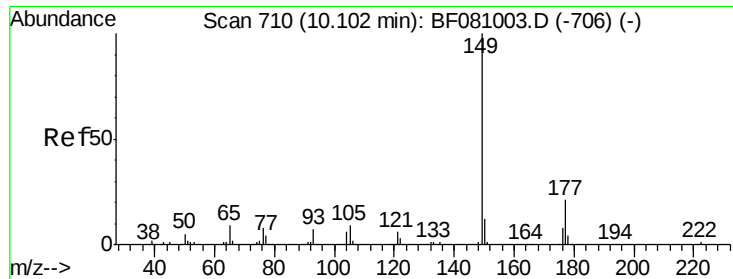
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 30.97 ng m
 RT: 9.94 min Scan# 705
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	64776		
131	50.2	42.2	63.4	
130	2.8	2.1	3.1	
166	29.3	22.4	33.6	





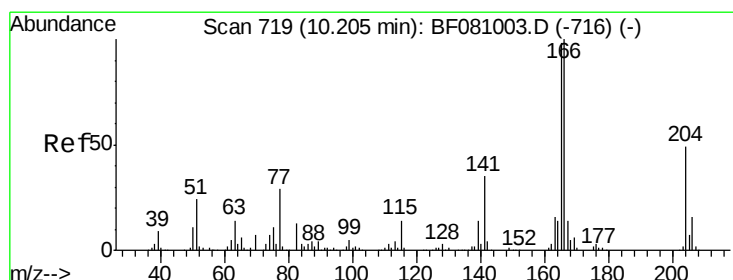
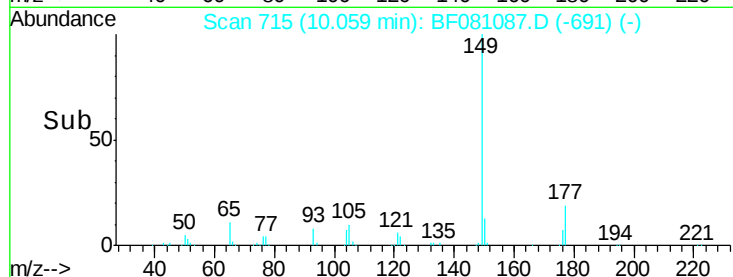
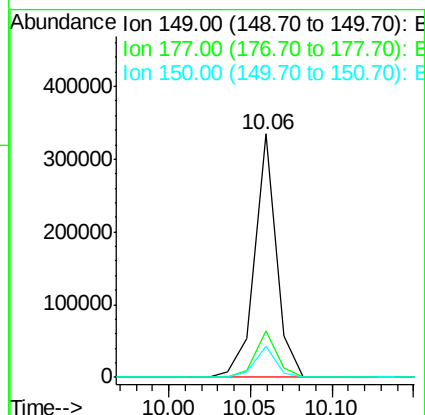
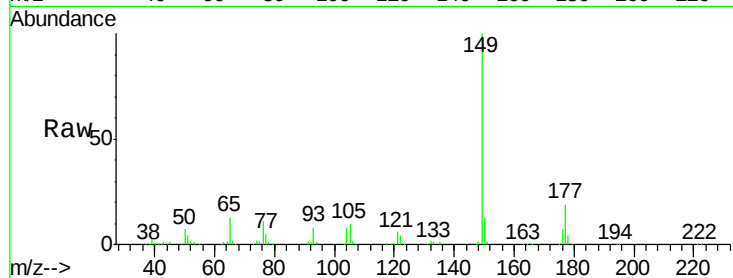
#59
Diethylphthalate
Concen: 29.99 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.2	14.1	21.1
150	13.0	10.3	15.5

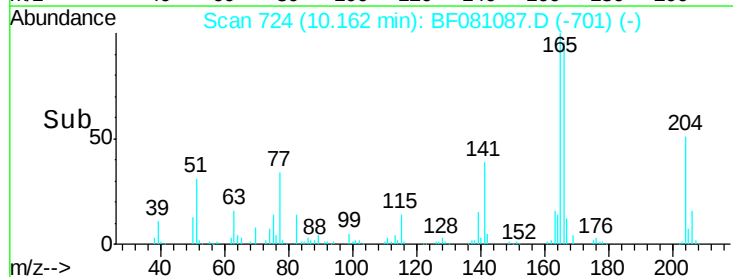
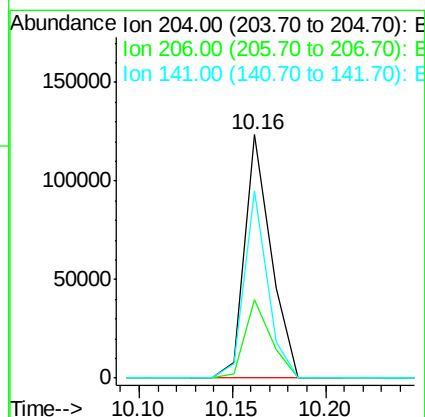
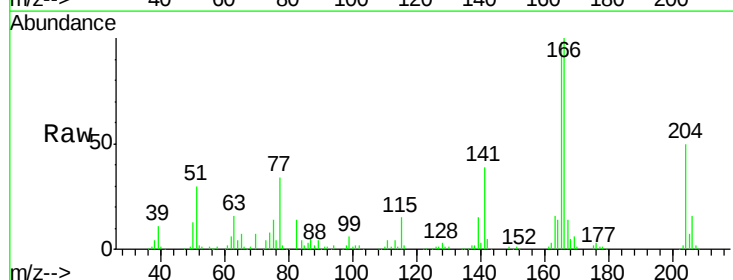
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#60
4-Chlorophenyl-phenylether
Concen: 31.09 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	32.0	26.2	39.2
141	77.1	59.6	89.4





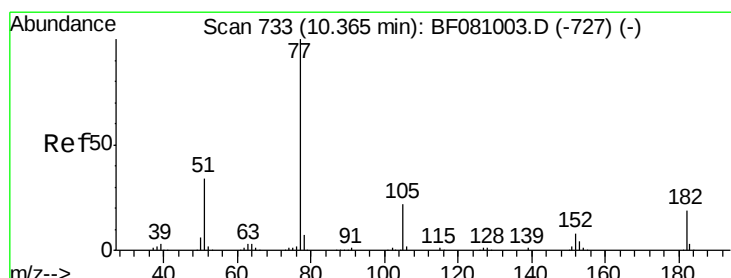
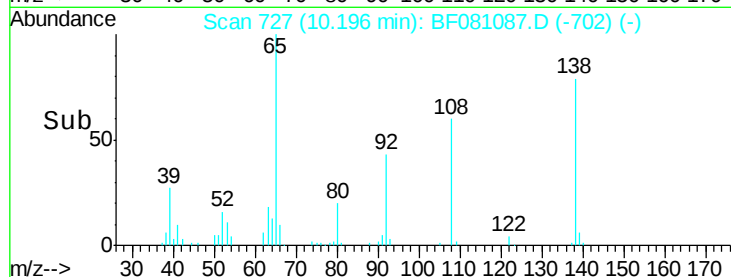
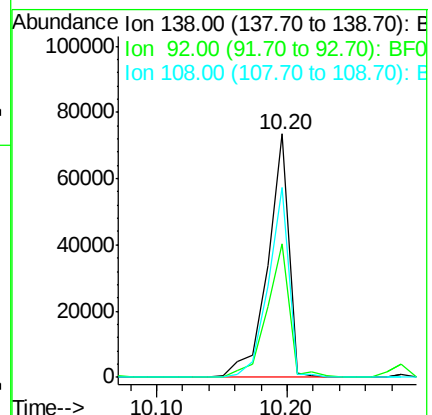
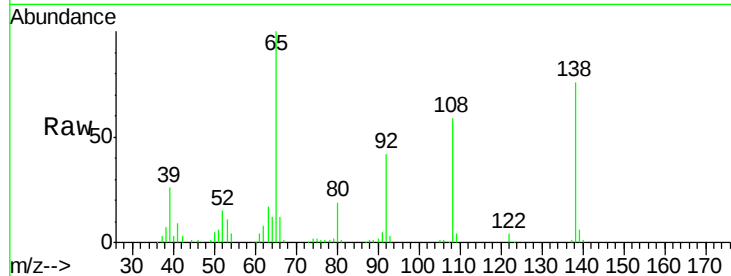
#61
4-Nitroaniline
Concen: 30.88 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	34.7	74.7
108	78.1	68.9	108.9

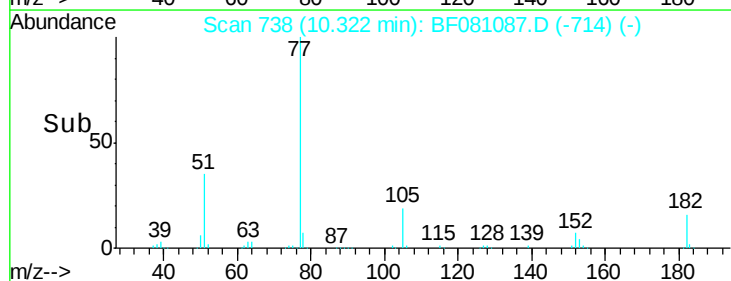
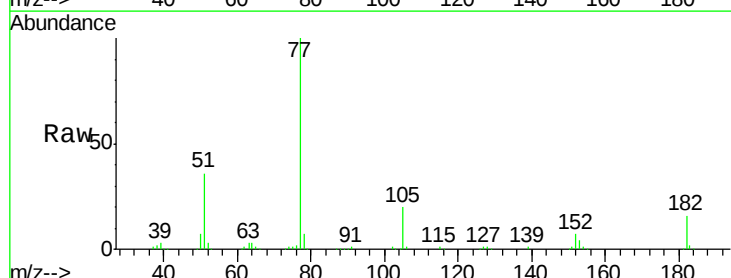
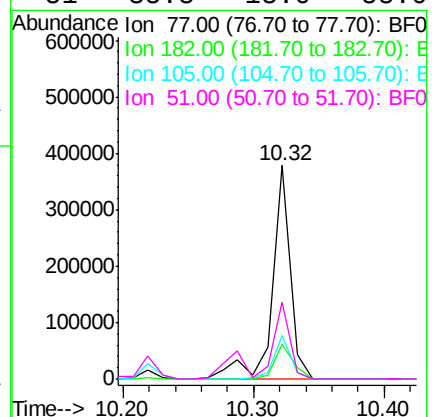
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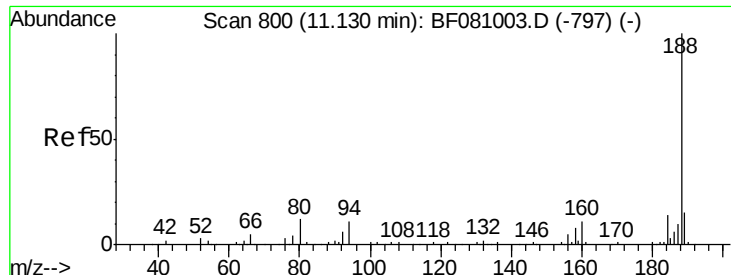
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#62
Azobenzene
Concen: 30.89 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.1	0.0	39.0
105	20.5	0.2	40.2
51	35.8	18.0	58.0





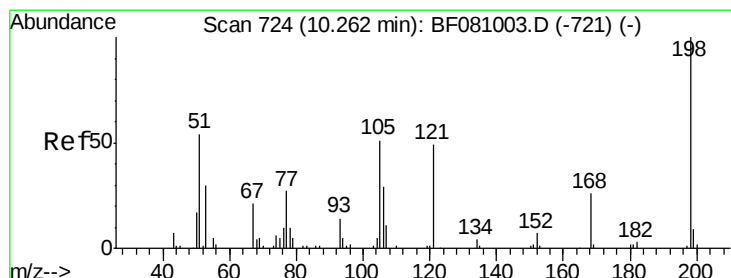
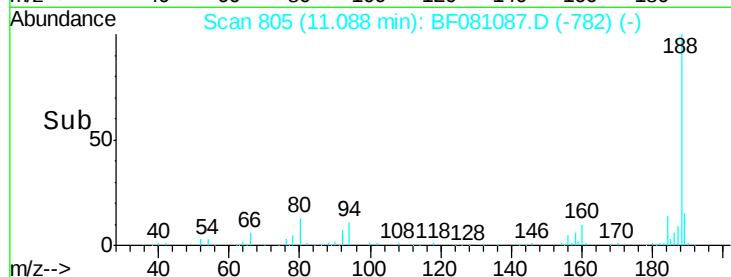
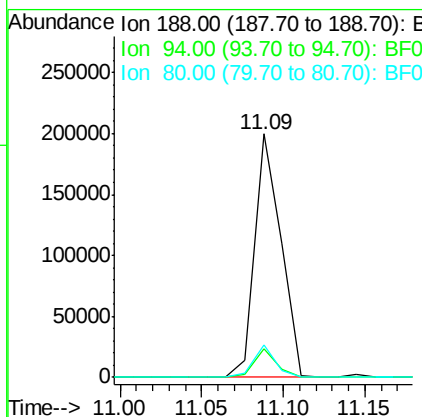
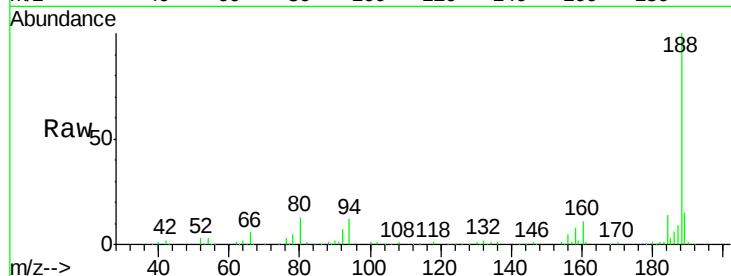
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	222798		
94	11.8	8.2	12.2	
80	13.1	9.5	14.3	

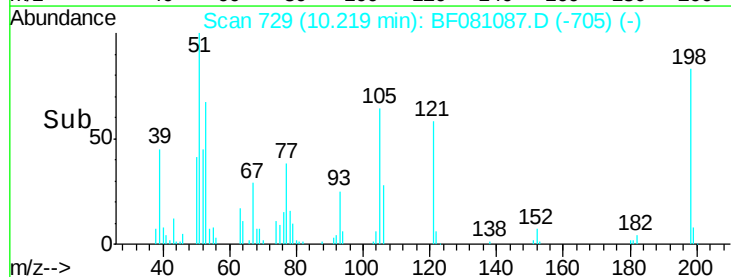
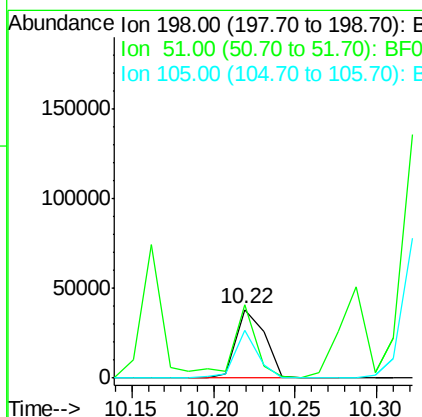
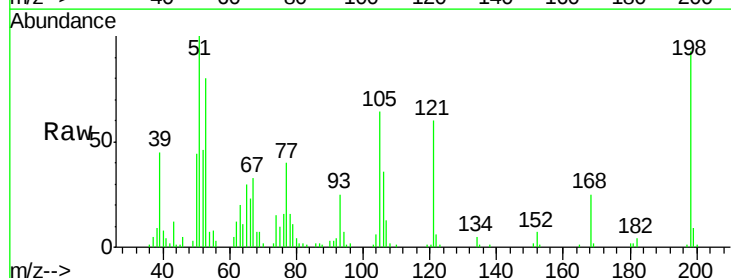
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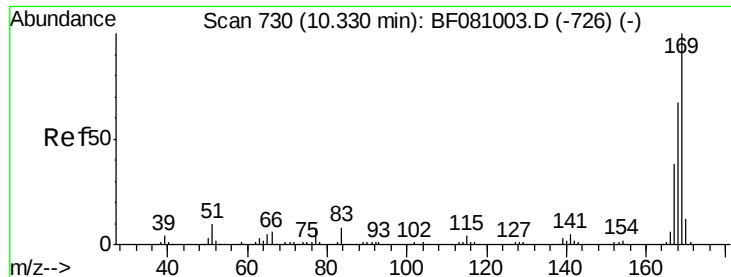
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.84 ng
 RT: 10.22 min Scan# 729
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	46356		
51	107.5	79.7	119.7	
105	69.0	47.0	87.0	





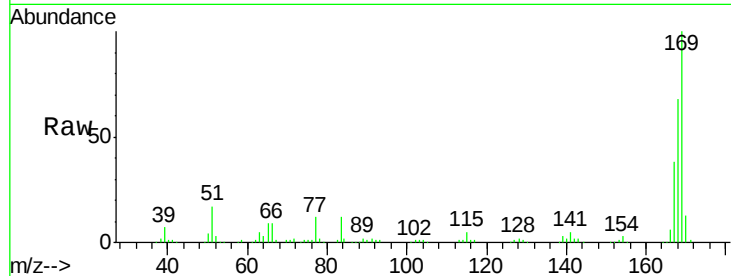
#65
 n-Nitrosodiphenylamine
 Concen: 33.62 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

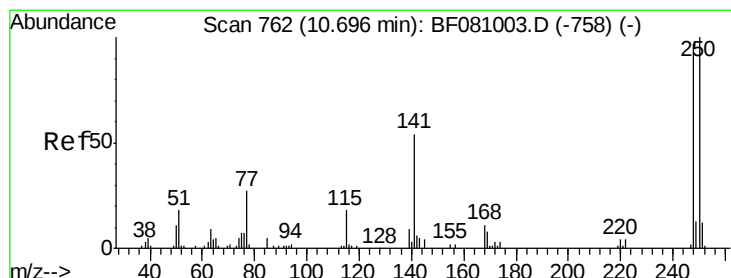
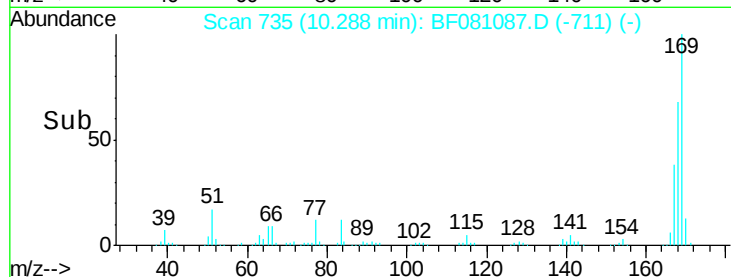
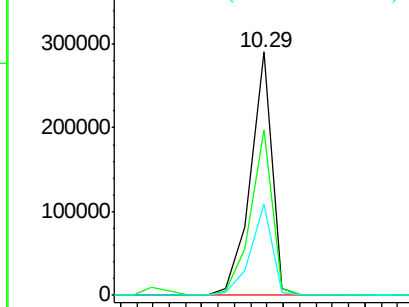
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	267417		
168	68.1	55.3	82.9	
167	37.6	30.8	46.2	

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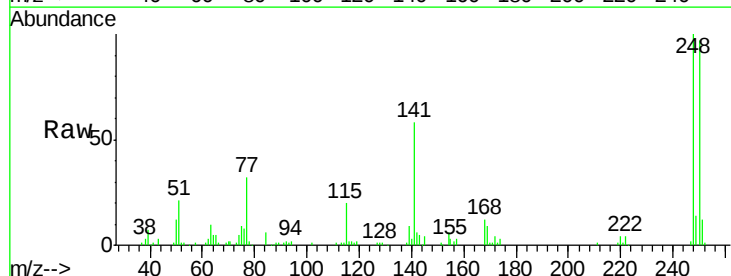


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

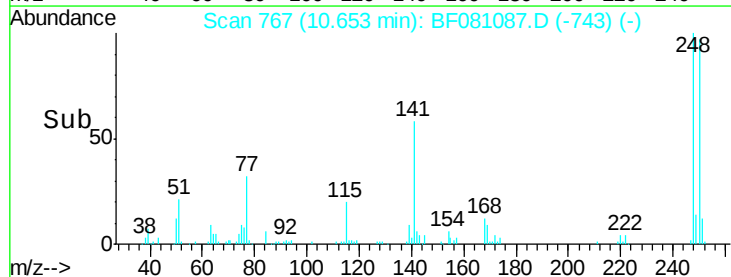
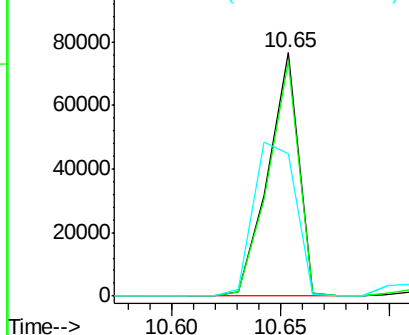


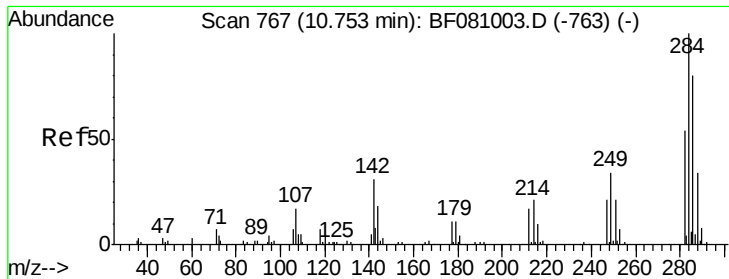
#66
 4-Bromophenyl-phenylether
 Concen: 34.54 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75595		
250	96.6	77.8	116.6	
141	58.4	39.8	59.6	



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





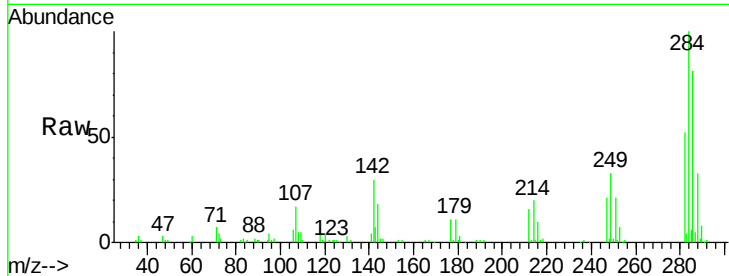
#67
Hexachlorobenzene
Concen: 36.21 ng
RT: 10.71 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

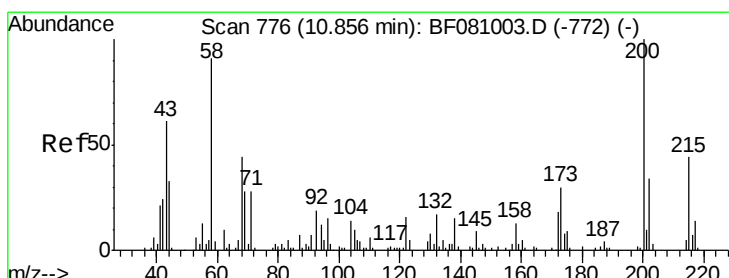
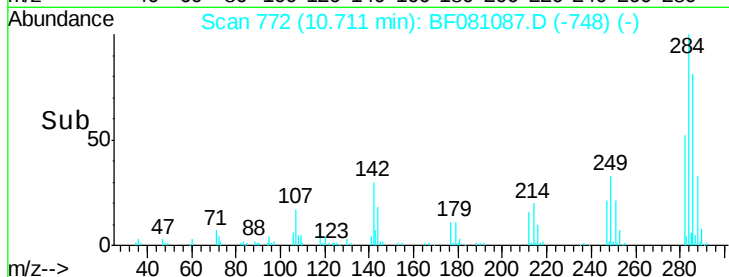
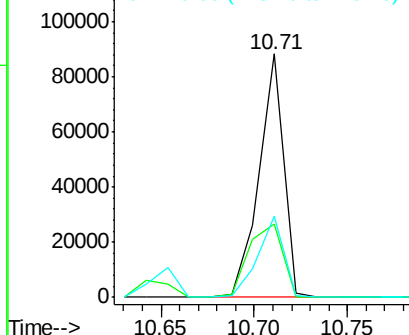
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	29.9	25.4	38.0
249	33.2	28.5	42.7

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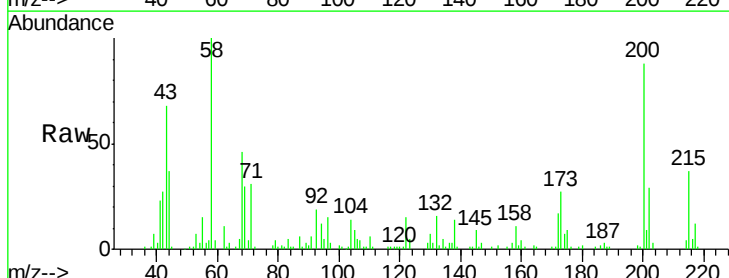


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

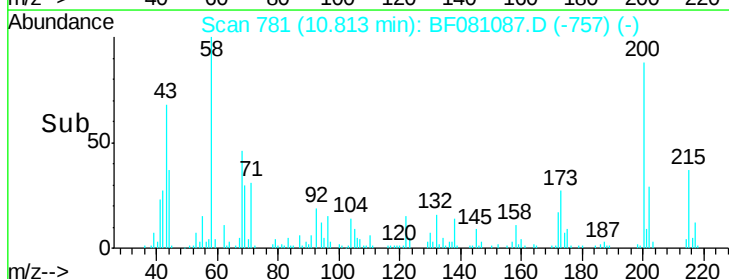
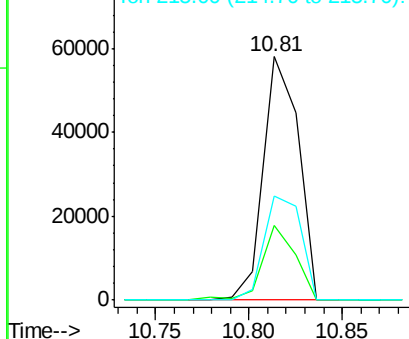


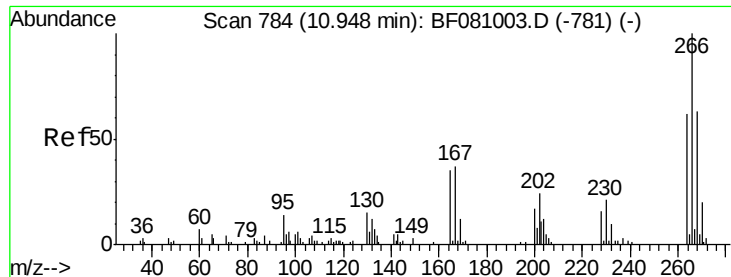
#68
Atrazine
Concen: 34.06 ng
RT: 10.81 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	30.7	8.1	48.1
215	42.6	23.3	63.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





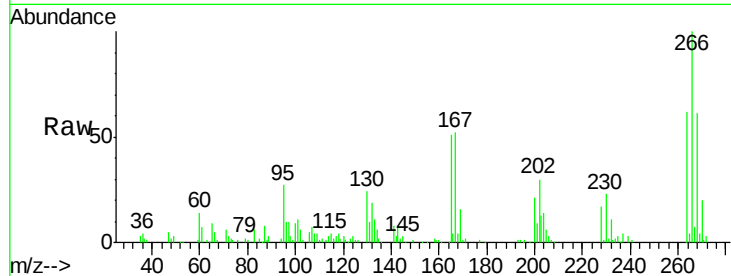
#69
 Pentachlorophenol
 Concen: 71.59 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

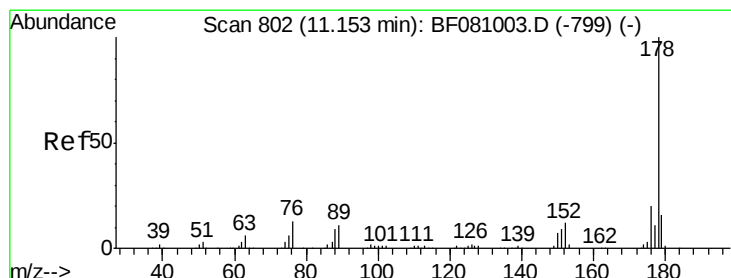
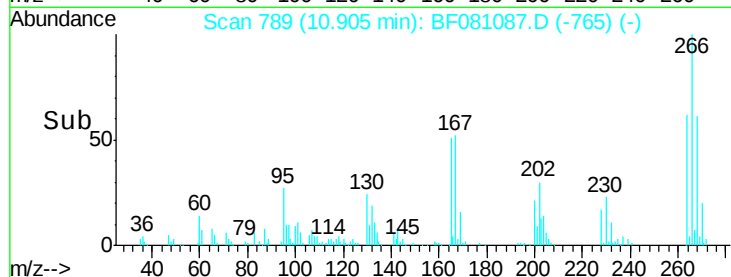
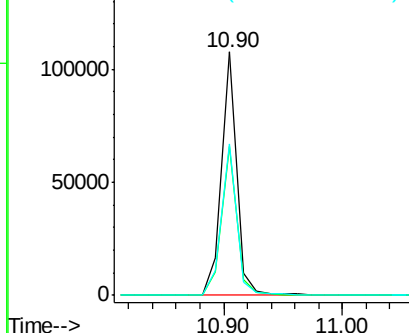
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	95205		
268	61.1		51.2	76.8
264	62.5		50.6	75.8

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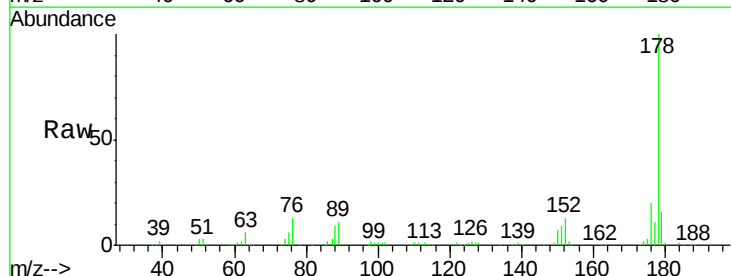


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

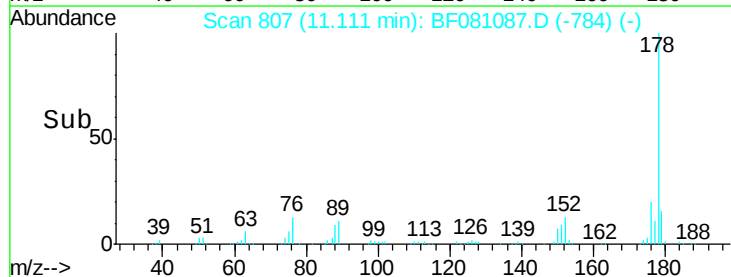
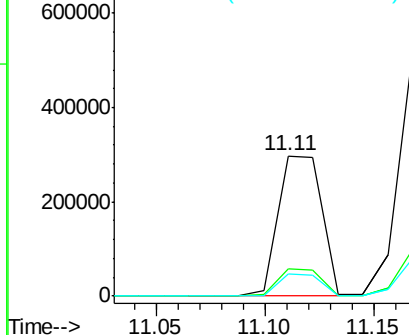


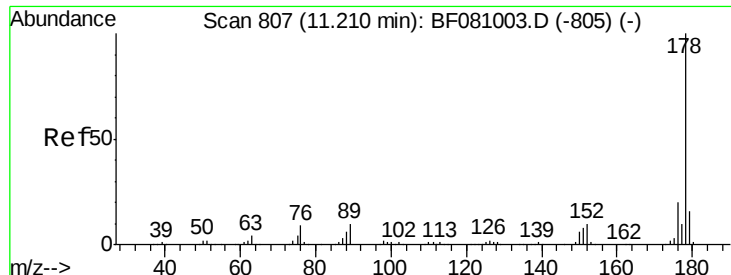
#70
 Phenanthrene
 Concen: 31.61 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	417436		
176	19.8		15.7	23.5
179	15.8		12.2	18.2



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





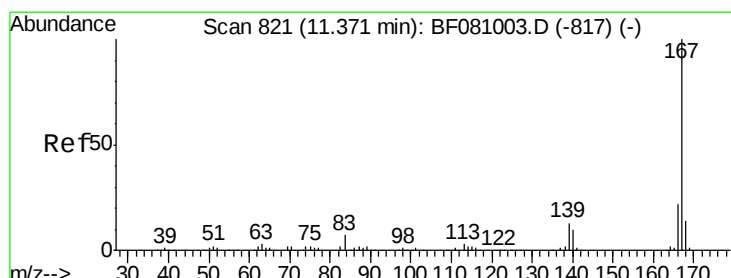
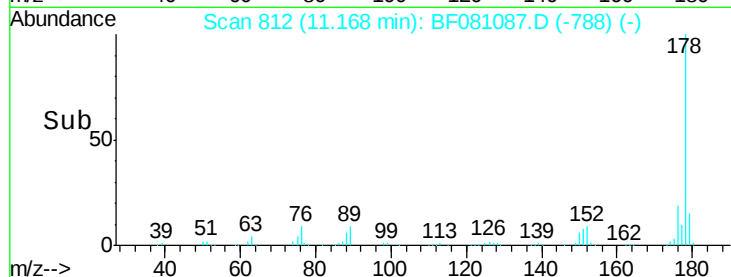
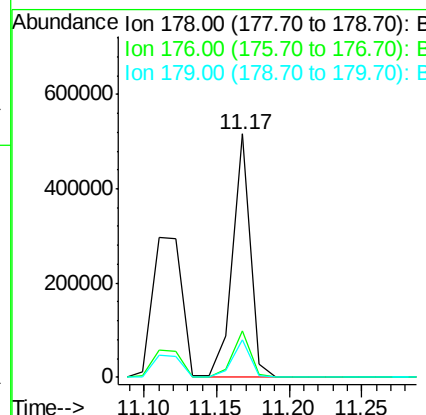
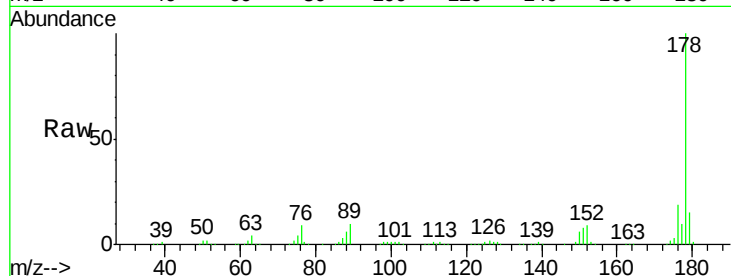
#71
 Anthracene
 Concen: 34.09 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	438010		
176	19.2	15.7	23.5	
179	15.4	12.7	19.1	

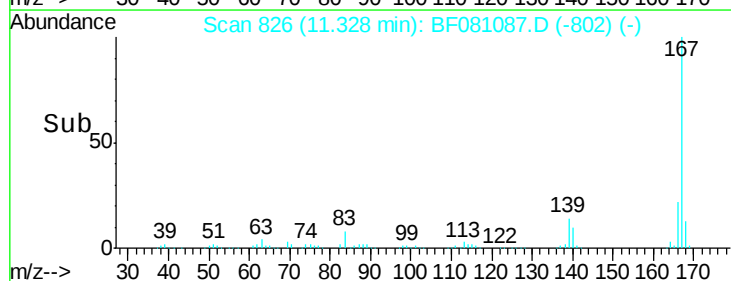
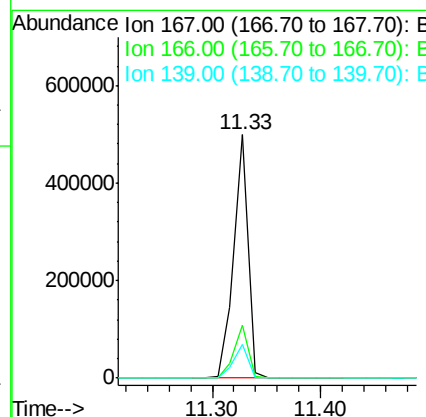
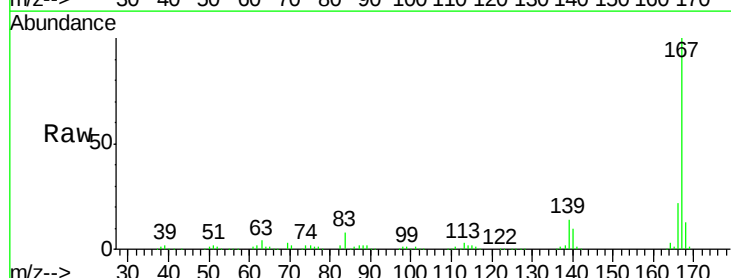
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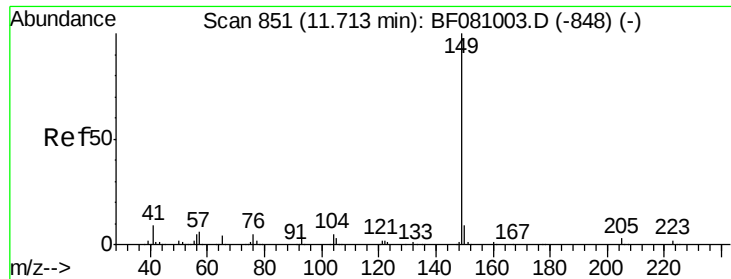
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#72
 Carbazole
 Concen: 36.79 ng
 RT: 11.33 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	455080		
166	21.6	17.4	26.0	
139	13.6	10.6	16.0	





#73

Di-n-butylphthalate

Concen: 33.65 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

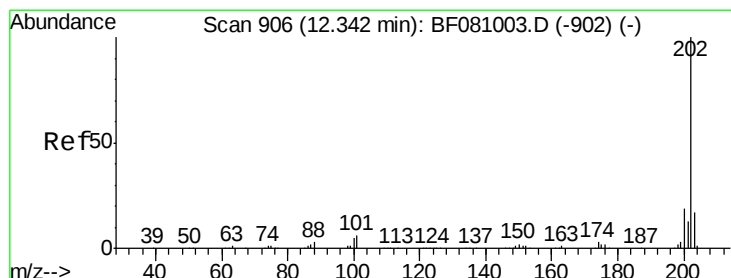
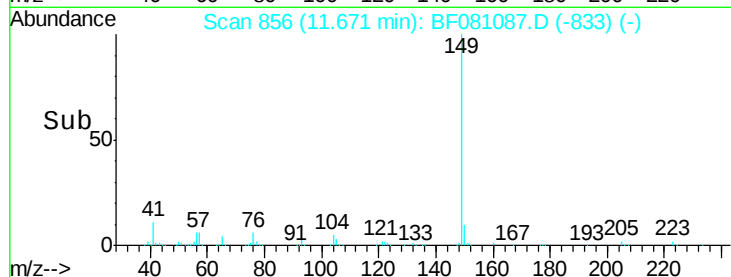
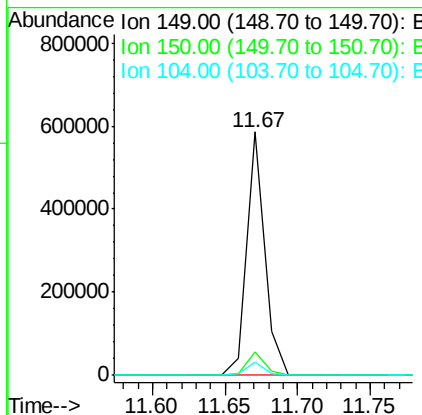
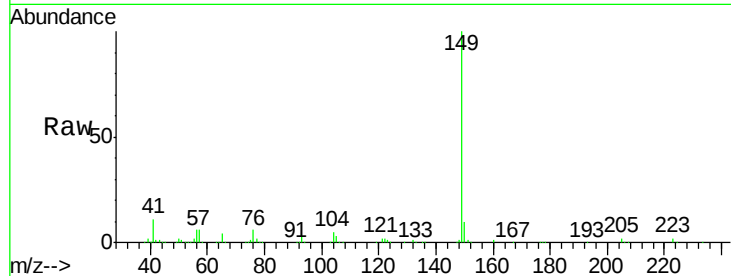
ClientSampleId :

PB84980BS

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Tgt Ion:	149	Resp:	503752
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	5.4	3.9	5.9



#74

Fluoranthene

Concen: 31.45 ng

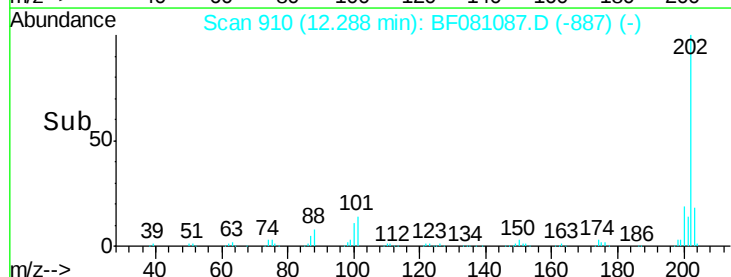
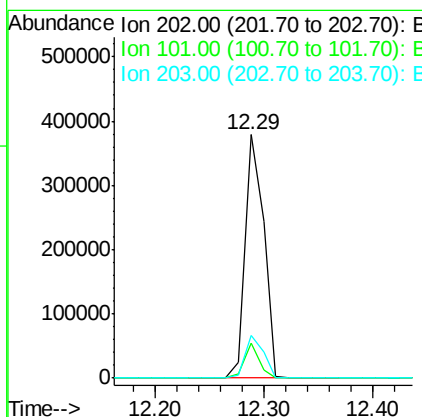
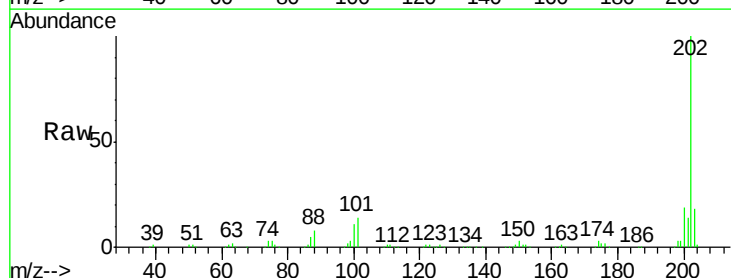
RT: 12.29 min Scan# 910

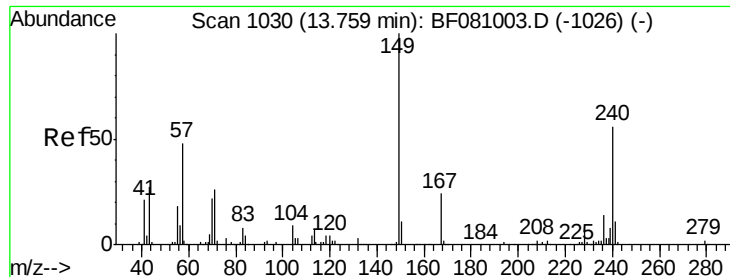
Delta R.T. -0.04 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Tgt Ion:	202	Resp:	448131
Ion Ratio	Lower	Upper	
202	100		
101	14.2	0.0	24.8
203	17.7	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

ClientSampleId :

PB84980BS

Tgt Ion:240 Resp: 185586
Ion Ratio Lower Upper

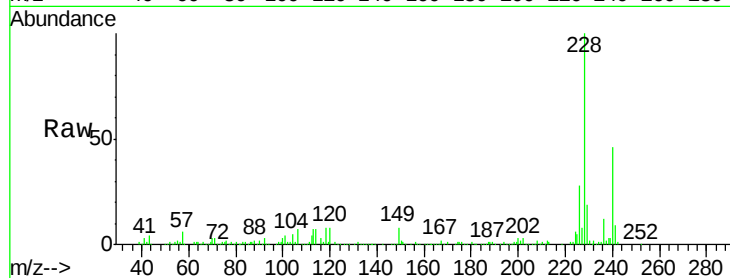
240 100

120 18.1 5.6 8.4#

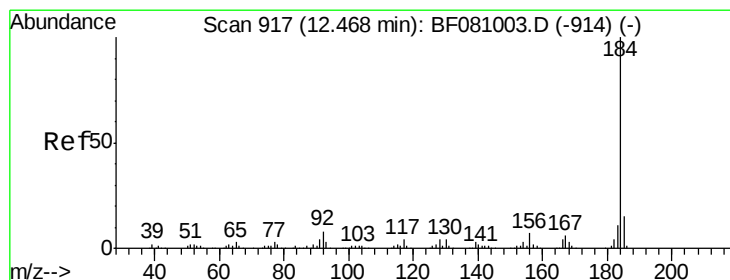
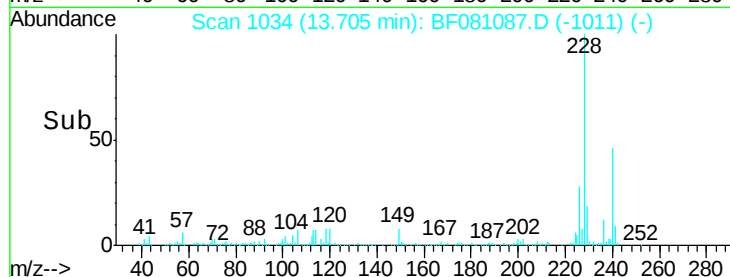
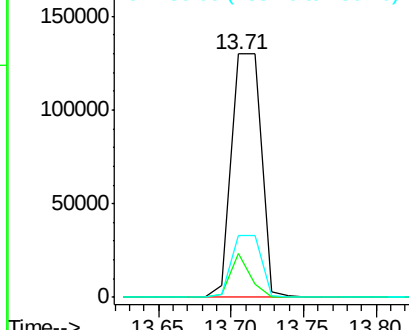
236 25.3 20.6 30.8

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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: 20.34 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081087.D

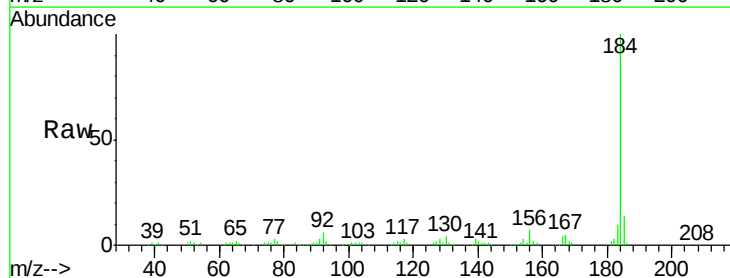
Acq: 19 Aug 2015 18:17

Tgt Ion:184 Resp: 142627
Ion Ratio Lower Upper

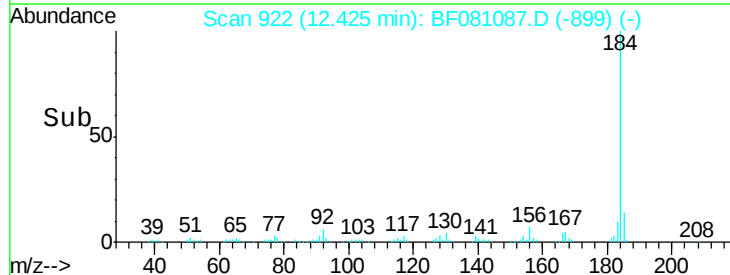
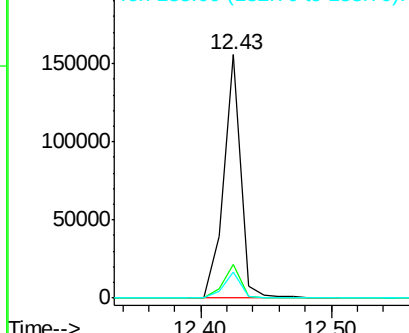
184 100

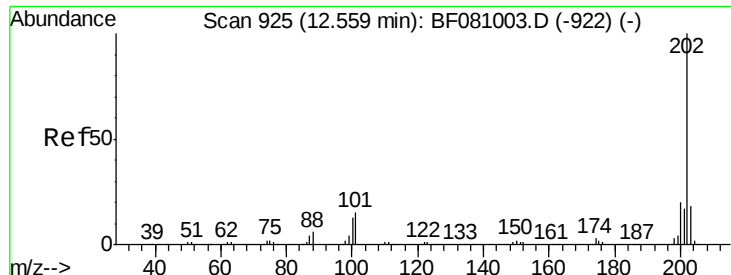
185 13.6 12.0 18.0

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





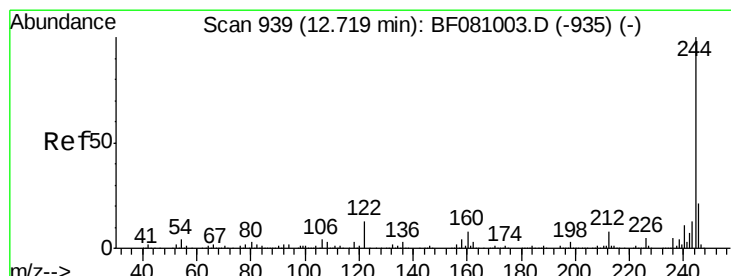
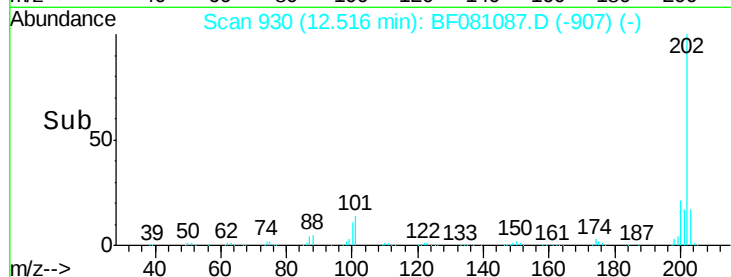
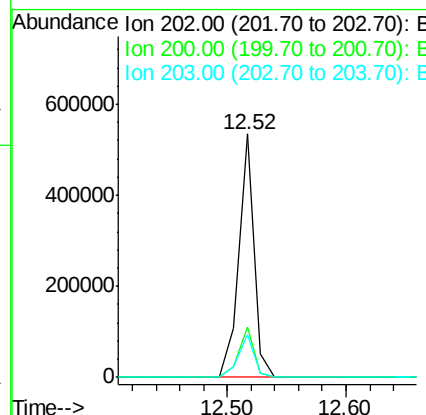
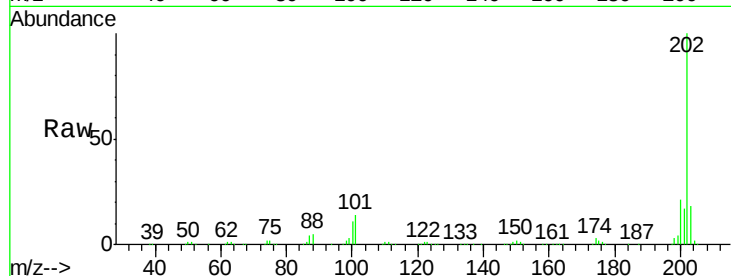
#77
 Pyrene
 Concen: 31.81 ng
 RT: 12.52 min Scan# 930
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	479985		
200	20.6	16.6	24.8	
203	17.6	14.1	21.1	

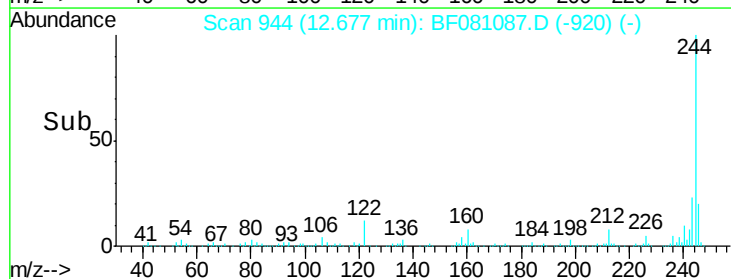
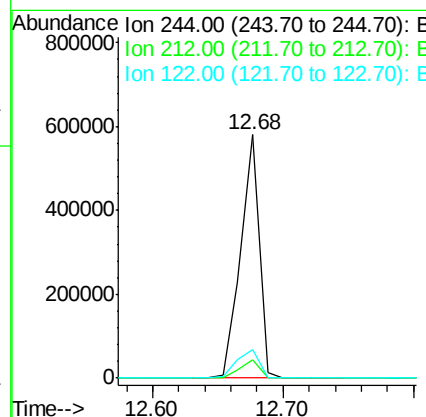
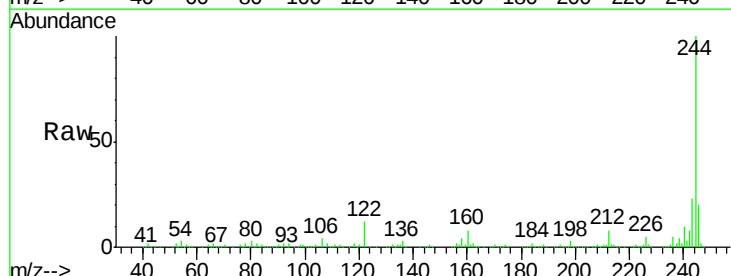
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#78
 Terphenyl-d14
 Concen: 65.82 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	569798		
212	7.5	5.8	8.8	
122	11.9	8.2	12.4	





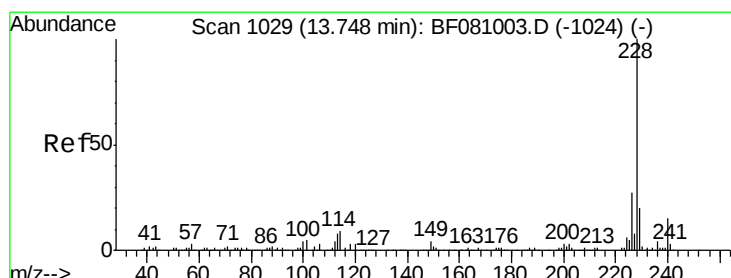
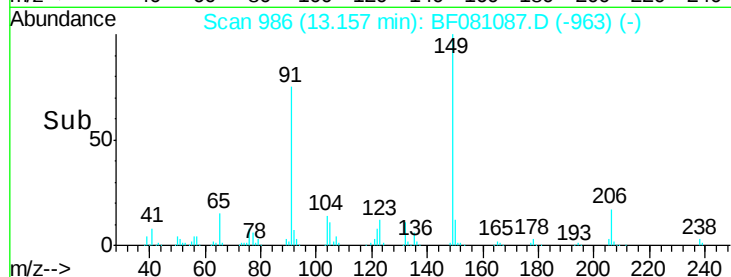
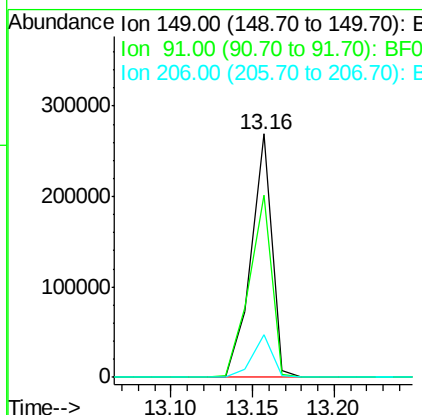
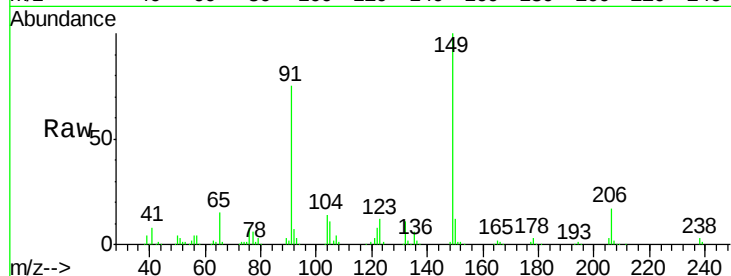
#79
Butylbenzylphthalate
Concen: 37.19 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	74.8	46.9	70.3#
206	17.4	17.0	25.4

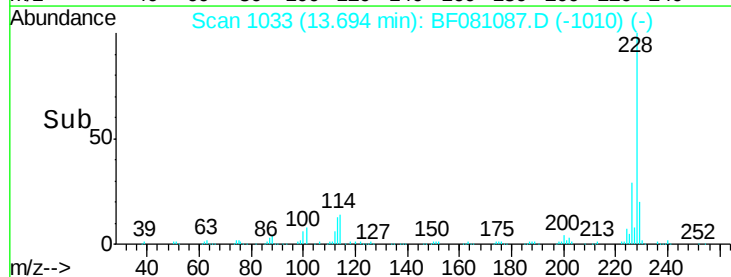
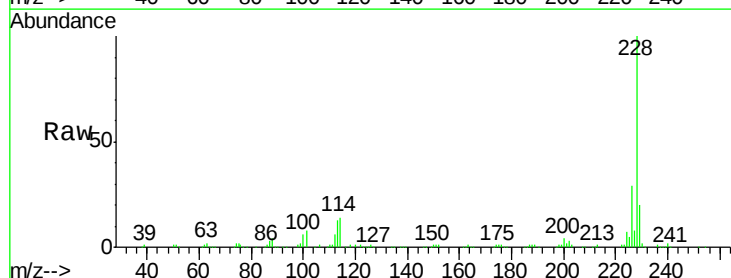
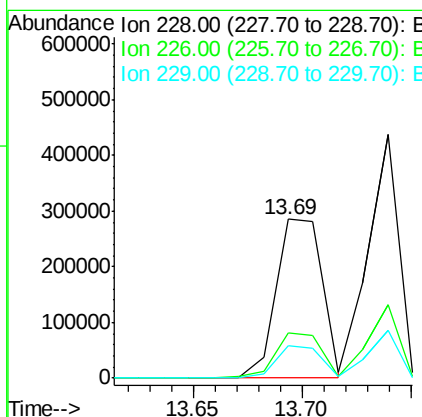
Manual Integrations
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#80
Benzo(a)anthracene
Concen: 33.89 ng
RT: 13.69 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.8	22.3	33.5
229	20.2	15.9	23.9





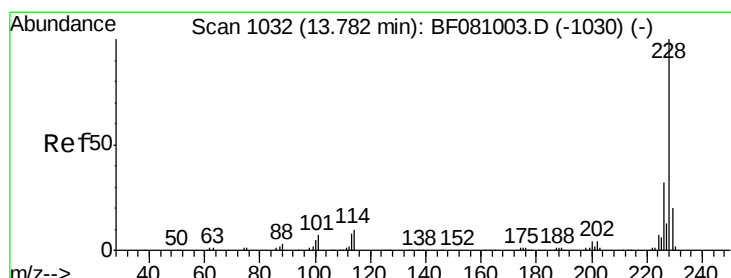
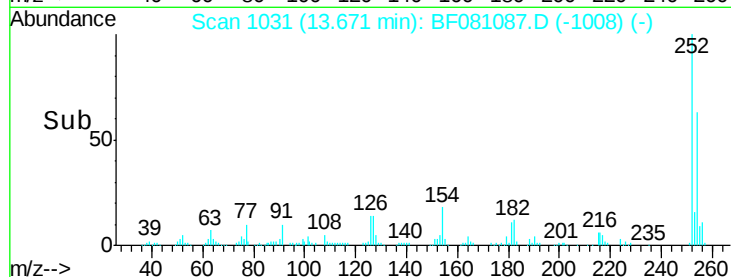
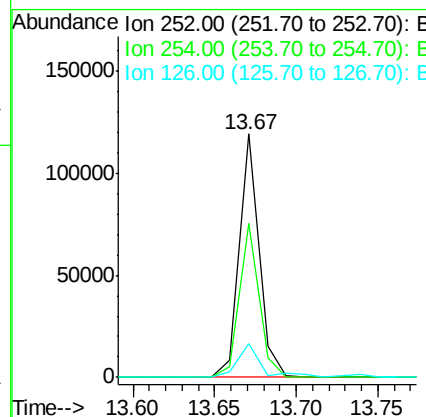
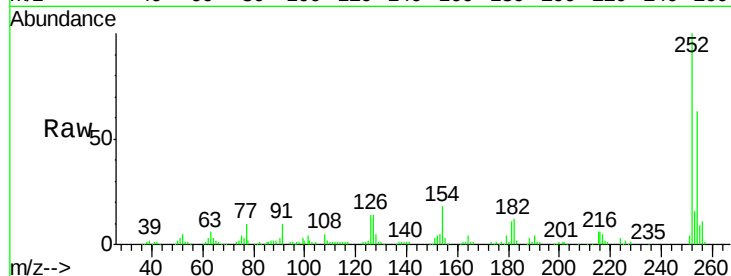
#81
 3,3'-Dichlorobenzidine
 Concen: 24.56 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.1	51.5	77.3
126	13.9	12.5	18.7

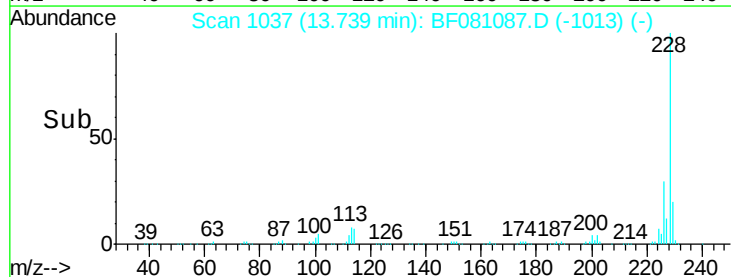
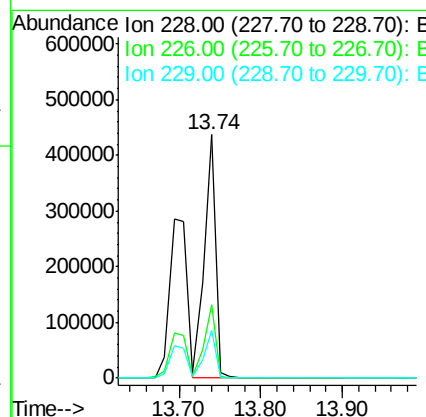
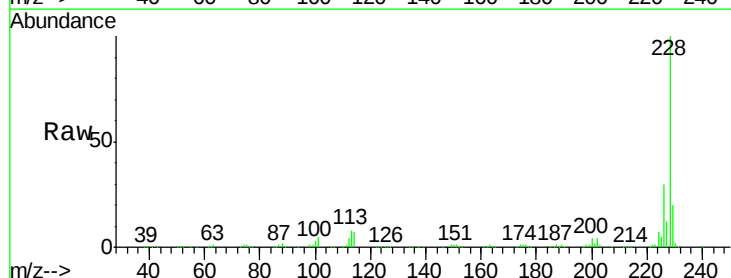
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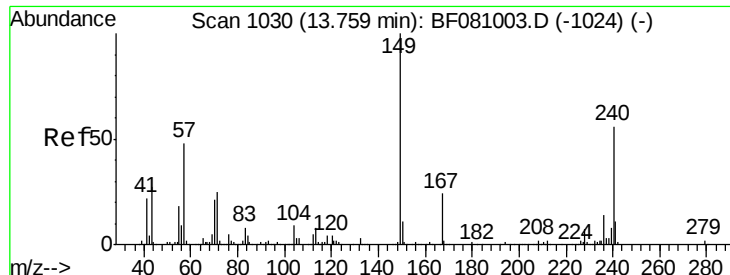
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#82
 Chrysene
 Concen: 38.28 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.3	24.4	36.6
229	19.7	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.74 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081087.D

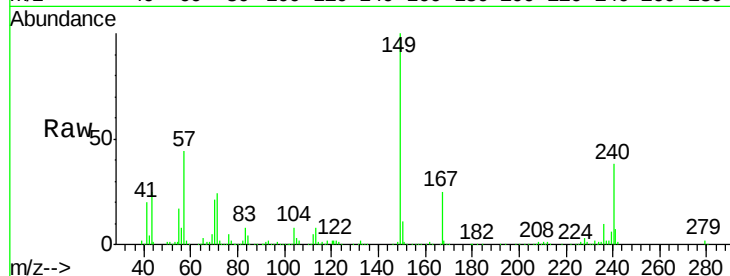
Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

ClientSampleId :

PB84980BS



Tgt Ion:149 Resp: 313483

Ion Ratio Lower Upper

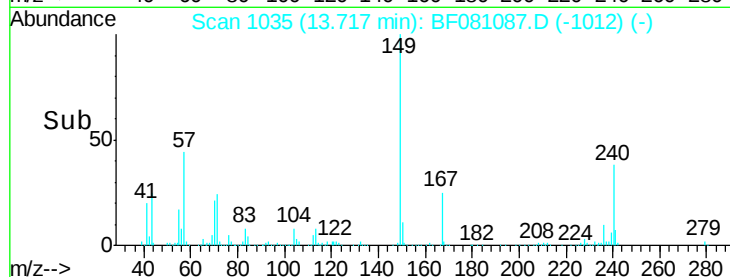
149 100

167 24.8 20.7 31.1

279 1.5 2.2 3.4#

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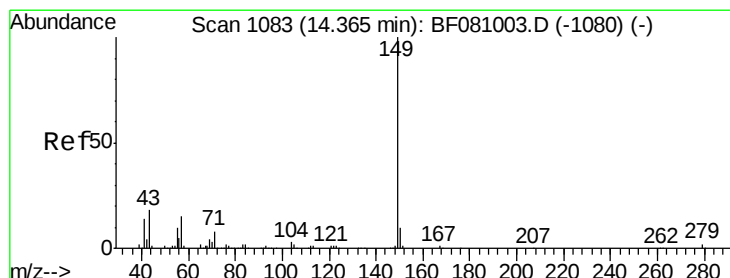
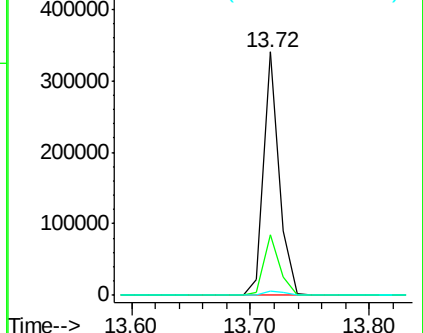
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.11 ng

RT: 14.32 min Scan# 1088

Delta R.T. -0.04 min

Lab File: BF081087.D

Acq: 19 Aug 2015 18:17

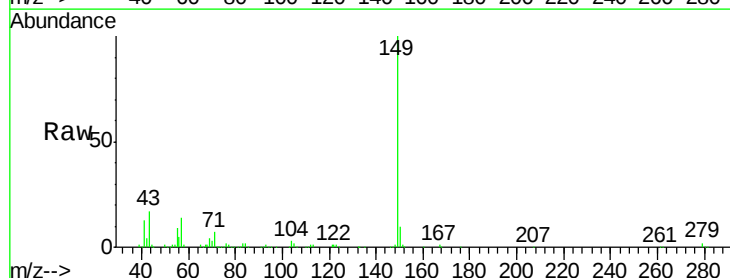
Tgt Ion:149 Resp: 544288

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

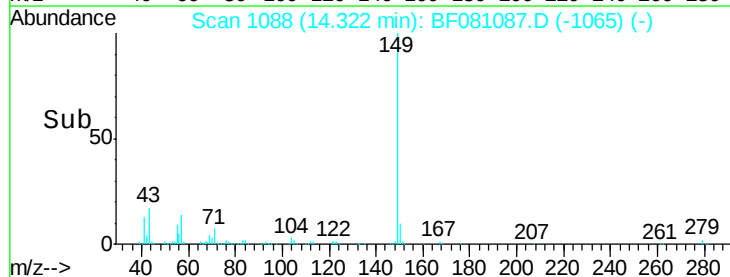
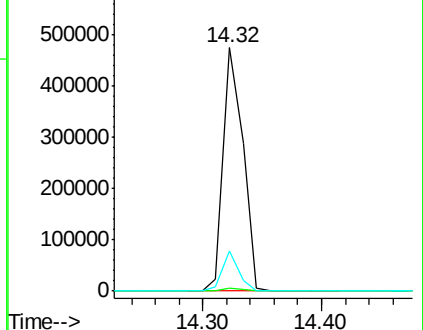
43 14.1 11.6 17.4

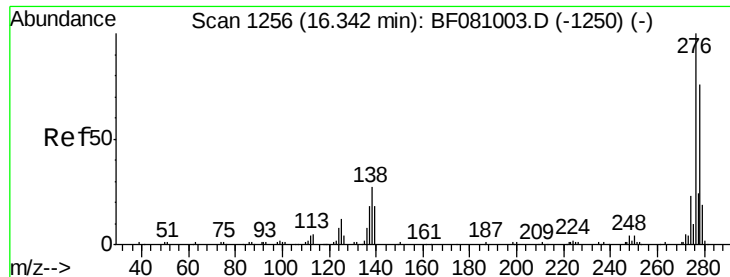


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





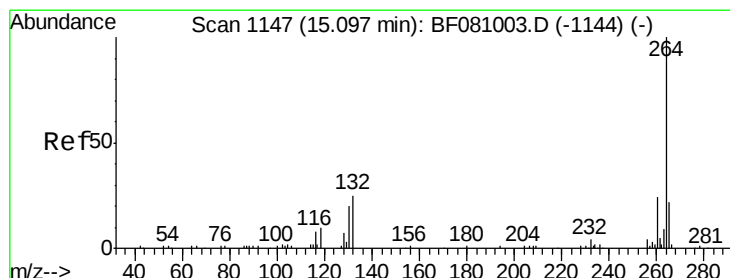
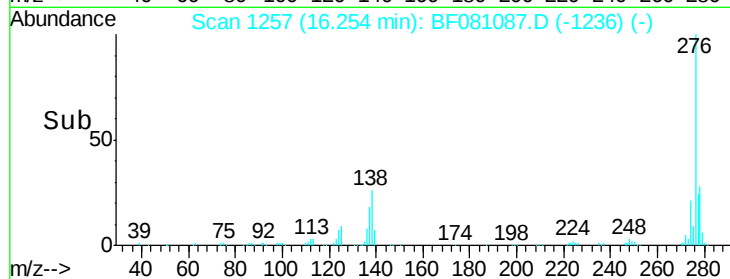
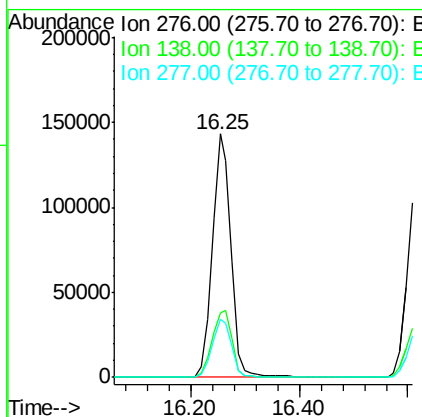
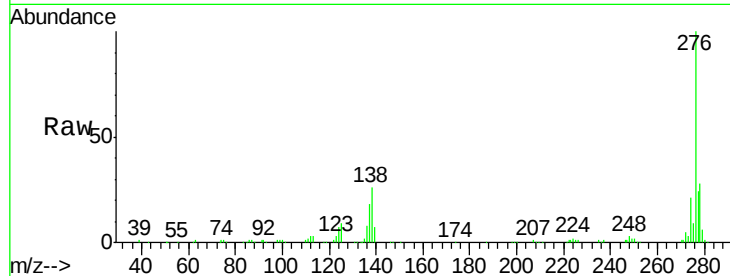
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.70 ng
 RT: 16.25 min Scan# 1257
 Delta R.T. -0.07 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	344106		
138	29.5	18.6	28.0	#
277	24.6	19.8	29.8	

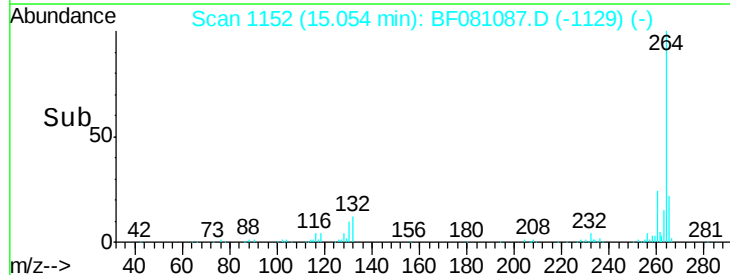
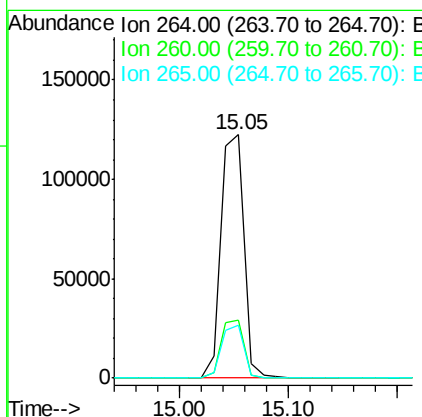
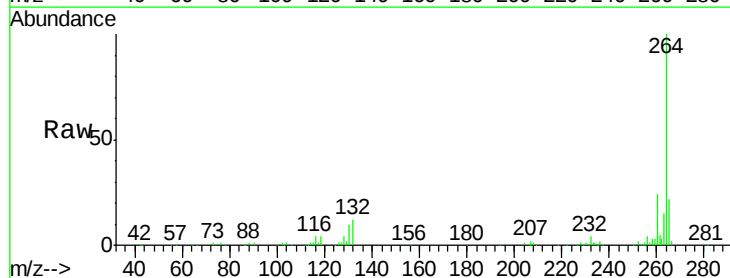
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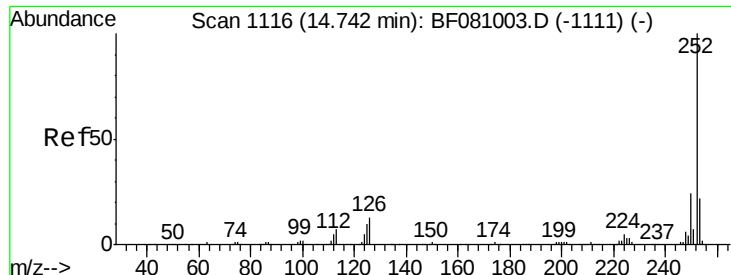
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1152
 Delta R.T. -0.04 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	179324		
260	23.8	19.6	29.4	
265	21.7	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 38.88 ng m

RT: 14.69 min Scan# 1120

Delta R.T. -0.04 min

Lab File: BF081087.D

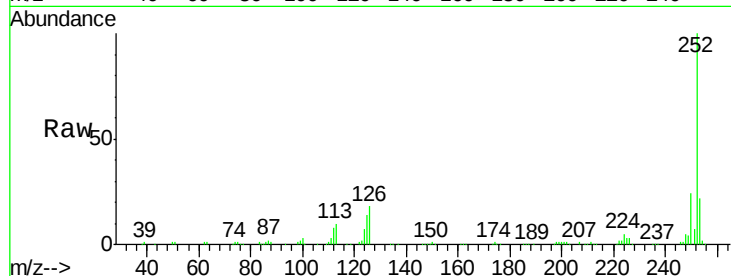
Acq: 19 Aug 2015 18:17

Instrument :

BNA_F

ClientSampleId :

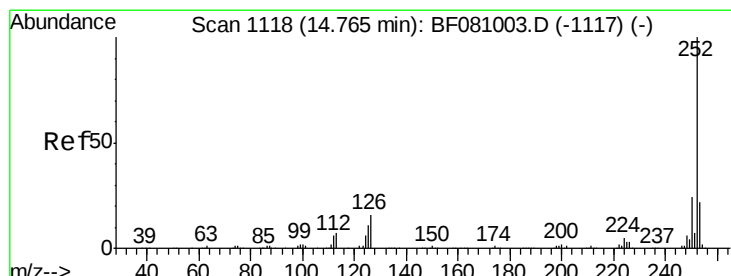
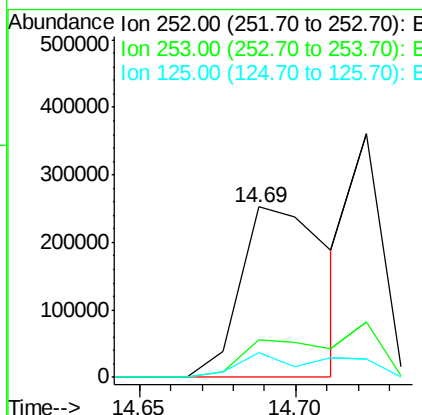
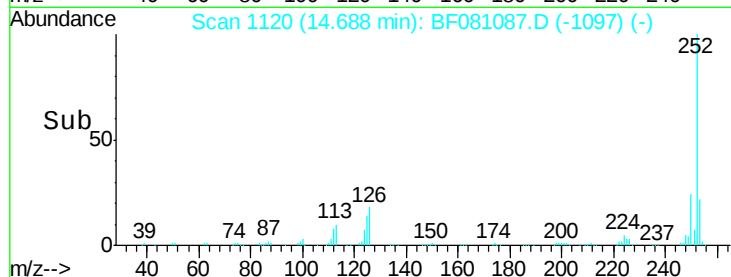
PB84980BS



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	493157		
253	21.7	17.1	25.7	
125	14.2	8.0	12.0	#

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#88

Benzo(k)fluoranthene

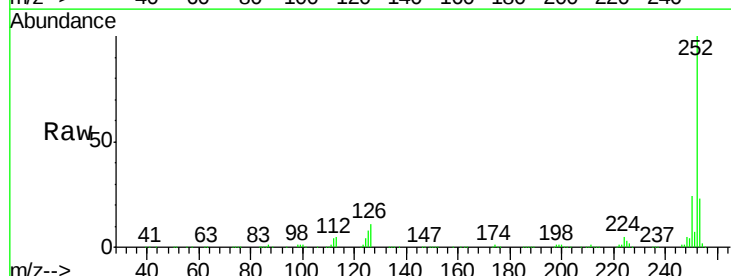
Concen: 22.20 ng m

RT: 14.72 min Scan# 1123

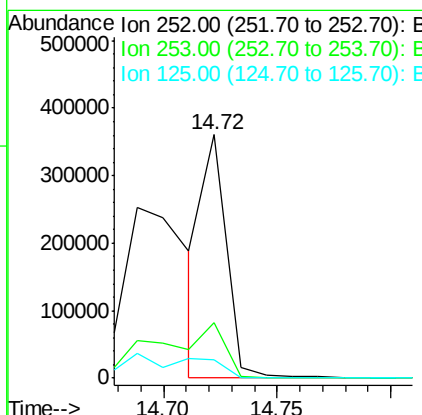
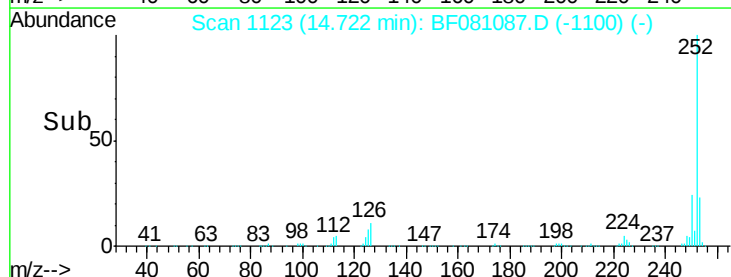
Delta R.T. -0.04 min

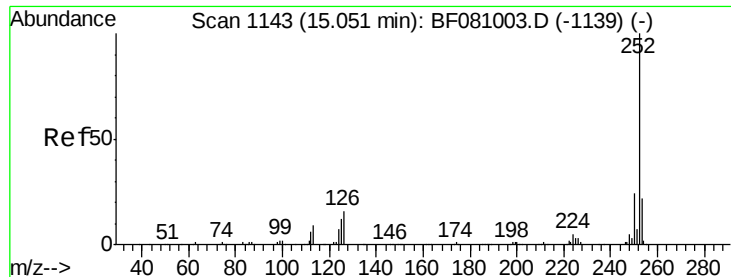
Lab File: BF081087.D

Acq: 19 Aug 2015 18:17



Tgt Ion	Ratio	Resp	Lower	Upper
252	100	262337		
253	22.5	17.6	26.4	
125	7.8	10.3	15.5	#





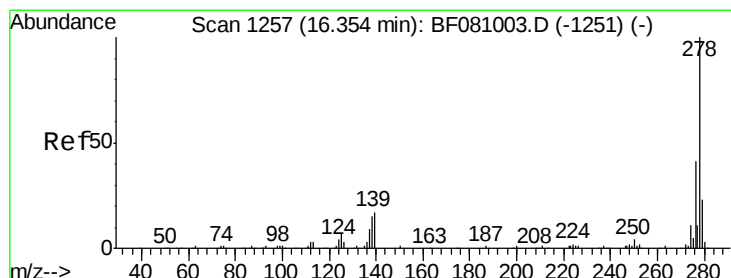
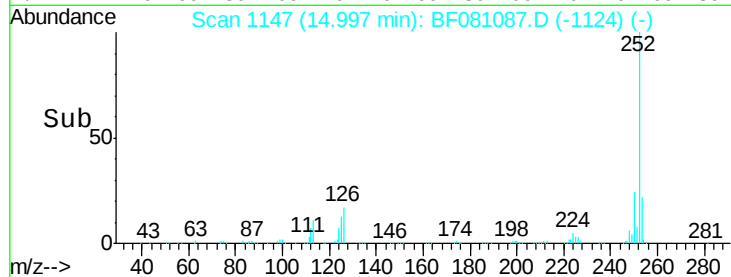
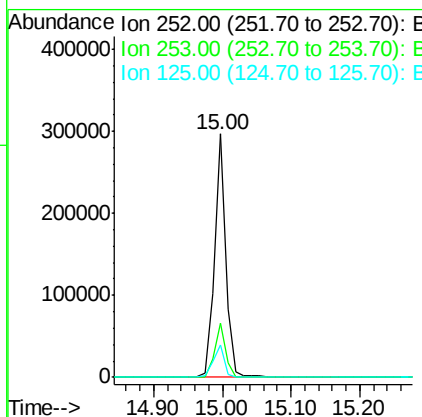
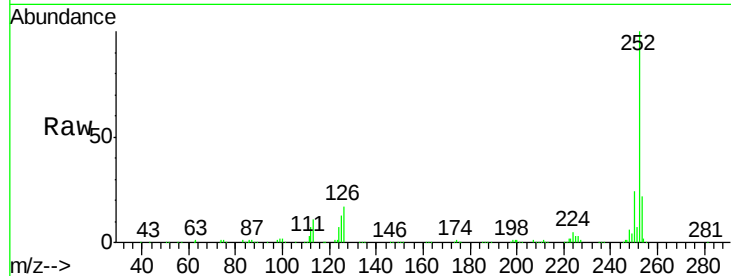
#89
Benzo(a)pyrene
Concen: 31.38 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	346814		
253	22.4	16.6	25.0	
125	13.1	7.8	11.8	

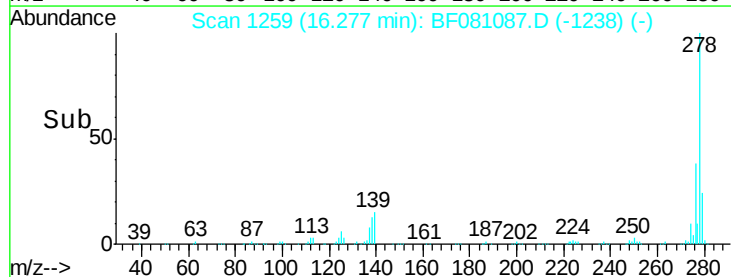
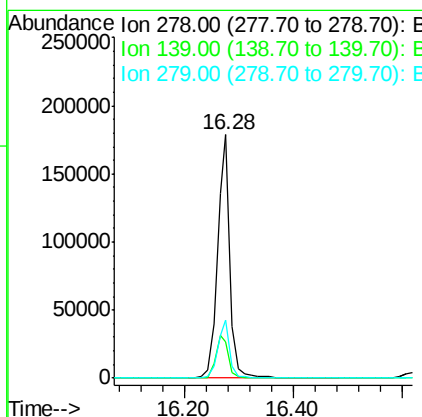
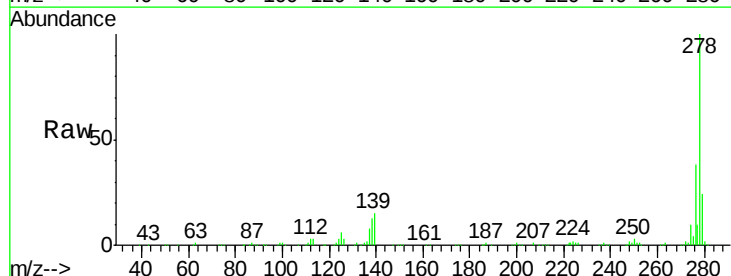
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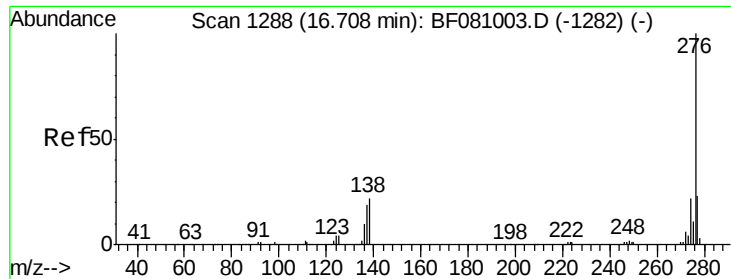
MMDadoda
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#90
Dibenzo(a,h)anthracene
Concen: 33.50 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081087.D
Acq: 19 Aug 2015 18:17

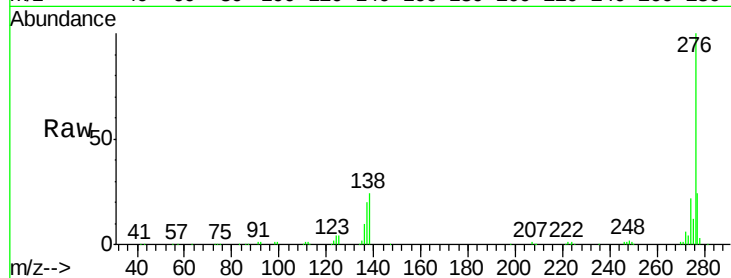
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	288454		
139	14.9	10.8	16.2	
279	23.6	19.0	28.6	





#91
 Benzo(g,h,i)perylene
 Concen: 32.00 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. -0.07 min
 Lab File: BF081087.D
 Acq: 19 Aug 2015 18:17

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		279557		
277	23.6	18.2	27.2		
138	24.0	13.7	20.5		

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