

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082764.D
 Acq On : 6 Nov 2015 16:34
 Operator : UM/IZ
 Sample : PB86450BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:21 PM

Quant Time: Nov 07 03:09:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	164615	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	615221	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	331092	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	625026	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	553188	20.00	ng	0.00
86) Perylene-d12	15.45	264	532632	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	788037	74.48	ng	0.01
7) Phenol-d6	6.48	99	1014249	72.11	ng	0.00
23) Nitrobenzene-d5	7.41	82	993103	70.24	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	293427	77.29	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1706106	73.85	ng	0.00
78) Terphenyl-d14	12.96	244	1676124	71.86	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	140003	30.67	ng	97
3) Pyridine	3.24	79	435367	32.87	ng	99
4) n-Nitrosodimethylamine	3.18	42	208719	31.77	ng	94
6) Aniline	6.51	93	362123	18.34	ng	95
8) 2-Chlorophenol	6.64	128	414300	35.32	ng	96
9) Benzaldehyde	6.38	77	43114	5.55	ng	93
10) Phenol	6.50	94	534720	33.51	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	378685	31.73	ng	97
12) 1,3-Dichlorobenzene	6.78	146	418211	31.62	ng	97
13) 1,4-Dichlorobenzene	6.86	146	429211	31.19	ng	97
14) 1,2-Dichlorobenzene	7.02	146	428357	34.23	ng	98
15) Benzyl Alcohol	6.99	79	400910	32.46	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	608500	34.76	ng	94
17) 2-Methylphenol	7.10	107	322495	32.46	ng	98
18) Hexachloroethane	7.37	117	167293	33.99	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	304806	29.48	ng	91
20) 3+4-Methylphenols	7.26	107	455694	35.28	ng	94
22) Acetophenone	7.26	105	594665	33.73	ng	# 93
24) Nitrobenzene	7.44	77	483461	33.44	ng	94
25) Isophorone	7.68	82	858407	32.81	ng	98
26) 2-Nitrophenol	7.74	139	196617	32.58	ng	# 87
27) 2,4-Dimethylphenol	7.79	122	355979	32.83	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	499392	33.84	ng	99
29) 2,4-Dichlorophenol	8.00	162	360696	36.80	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	361200	32.77	ng	98
31) Naphthalene	8.16	128	1066574	31.42	ng	99
32) Benzoic acid	7.92	122	232466	31.31	ng	91
33) 4-Chloroaniline	8.20	127	204939	14.01	ng	# 90
34) Hexachlorobutadiene	8.28	225	225900	32.75	ng	99
35) Caprolactam	8.57	113	111108m	35.96	ng	
36) 4-Chloro-3-methylphenol	8.69	107	411535	35.71	ng	89
37) 2-Methylnaphthalene	8.85	142	786149	35.80	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	367349	33.76	ng	98
40) Hexachlorocyclopentadiene	9.01	237	493784	84.47	ng	99

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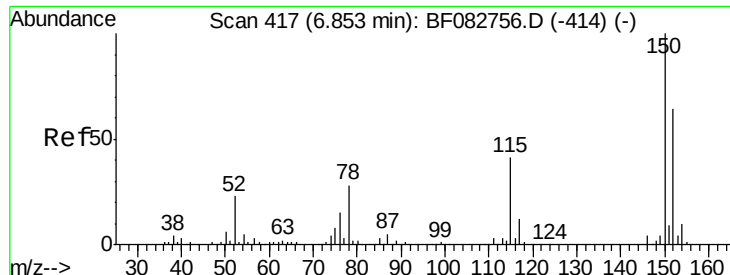
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	265542	32.70	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	261597	32.57	nq	# 84
45) 1,1'-Biphenyl	9.31	154	887214	31.23	nq	95
46) 2-Chloronaphthalene	9.33	162	727415	32.82	nq	94
47) 2-Nitroaniline	9.42	65	250529	30.47	nq	94
48) Acenaphthylene	9.76	152	1213076	34.93	nq	98
49) Dimethylphthalate	9.62	163	925561	34.12	nq	99
50) 2,6-Dinitrotoluene	9.68	165	213711	36.92	nq	# 79
51) Acenaphthene	9.93	154	899732	40.87	nq	99
52) 3-Nitroaniline	9.84	138	110483	17.36	nq	86
53) 2,4-Dinitrophenol	9.95	184	256128	80.60	nq	# 11
54) Dibenzofuran	10.10	168	1090294	36.74	nq	93
55) 4-Nitrophenol	10.01	139	366900	75.13	nq	93
56) 2,4-Dinitrotoluene	10.08	165	259556	33.05	nq	98
57) Fluorene	10.44	166	892810	37.15	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	230074	35.10	nq	92
59) Diethylphthalate	10.32	149	865473	32.68	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	377826	31.42	nq	# 83
61) 4-Nitroaniline	10.45	138	203750	31.83	nq	87
62) Azobenzene	10.59	77	988661	34.75	nq	90
64) 4,6-Dinitro-2-methylphenol	10.49	198	160455	36.03	nq	92
65) n-Nitrosodiphenylamine	10.56	169	747686	33.11	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	251273	33.39	nq	# 80
67) Hexachlorobenzene	10.99	284	287087	34.16	nq	# 75
68) Atrazine	11.08	200	282598	40.47	nq	97
69) Pentachlorophenol	11.18	266	373070	73.11	nq	99
70) Phenanthrene	11.40	178	1373915	37.85	nq	98
71) Anthracene	11.45	178	1193554	31.22	nq	99
72) Carbazole	11.60	167	1164743	34.80	nq	99
73) Di-n-butylphthalate	11.94	149	1331360	31.93	nq	99
74) Fluoranthene	12.58	202	1253526	32.18	nq	97
76) Benzidine	12.71	184	448571	24.20	nq	98
77) Pyrene	12.81	202	1330536	35.02	nq	98
79) Butylbenzylphthalate	13.44	149	601789	35.86	nq	98
80) Benzo(a)anthracene	14.01	228	1286406	37.19	nq	98
81) 3,3'-Dichlorobenzidine	13.96	252	263702	21.44	nq	97
82) Chrysene	14.04	228	1279450	40.38	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	870441	37.89	nq	100
84) Di-n-octyl phthalate	14.63	149	1366300	35.66	nq	97
85) Indeno(1,2,3-cd)pyrene	16.85	276	1008425	36.96	nq	100
87) Benzo(b)fluoranthene	15.05	252	1201702m	35.15	nq	
88) Benzo(k)fluoranthene	15.07	252	981450m	32.36	nq	
89) Benzo(a)pyrene	15.39	252	1042222	35.19	nq	# 97
90) Dibenzo(a,h)anthracene	16.87	278	854147	34.05	nq	98
91) Benzo(g,h,i)perylene	17.27	276	816175	33.97	nq	100

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



#1

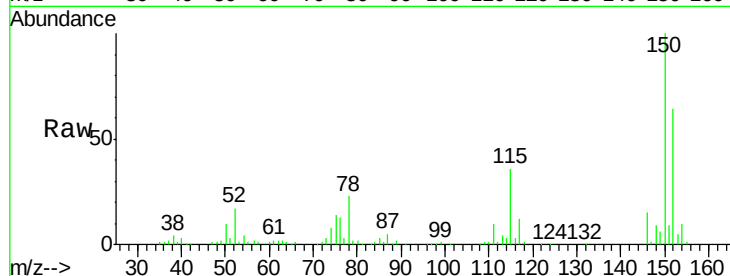
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

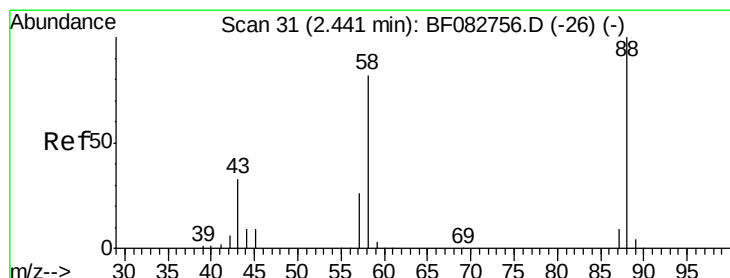
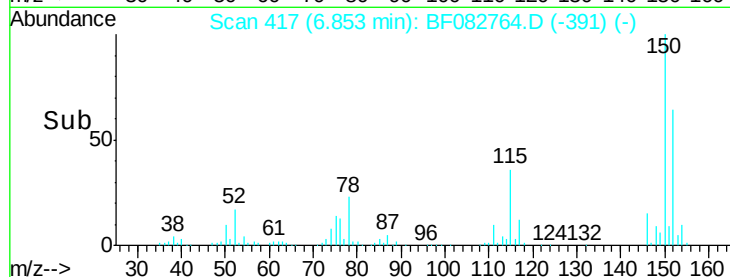
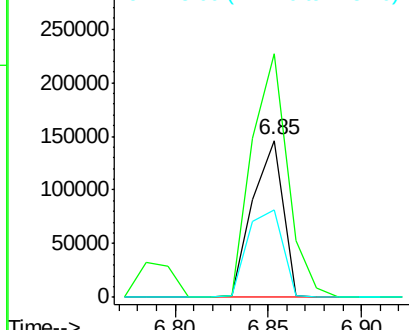
Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	155.5	127.0	190.4	
115	56.0	47.0	70.6	

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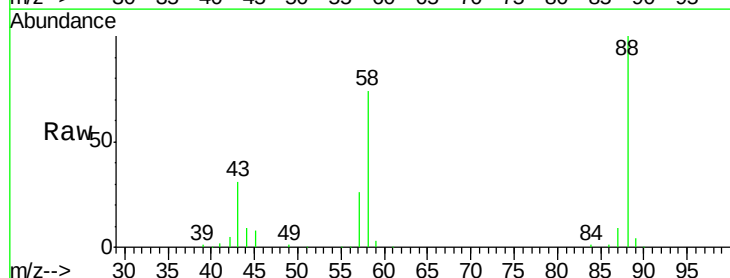
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



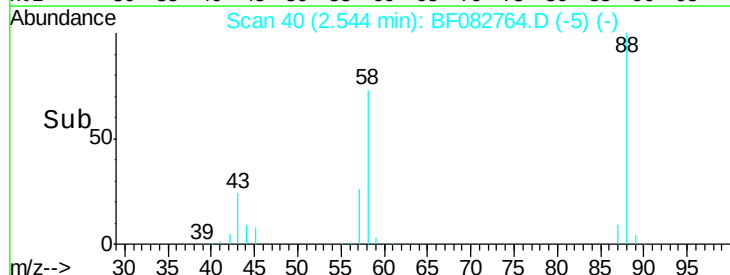
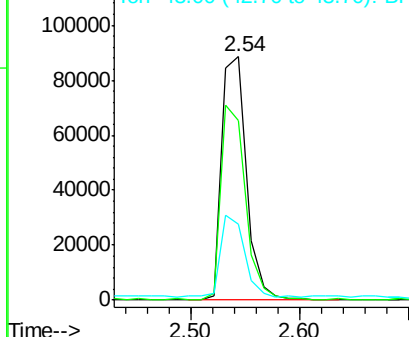
#2

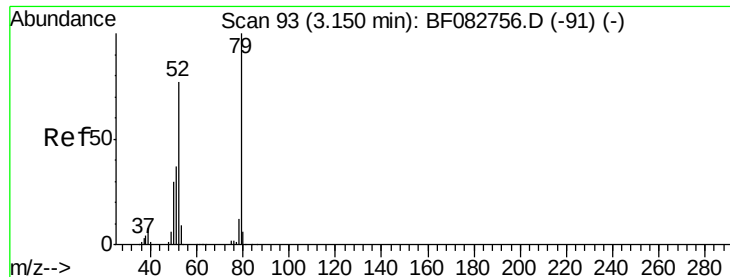
1,4-Dioxane
Concen: 30.67 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
58	80.3	62.0	93.0	
43	32.3	26.6	40.0	



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.87 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.08 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

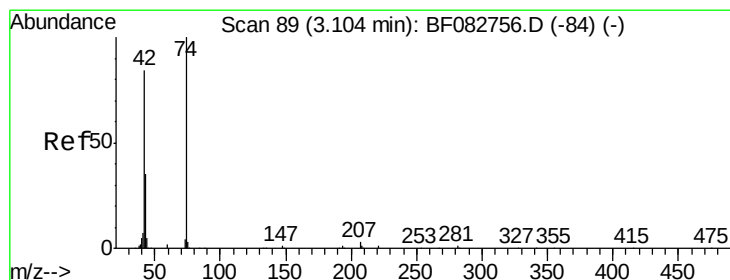
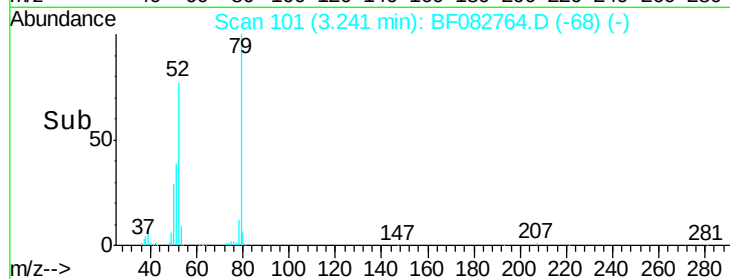
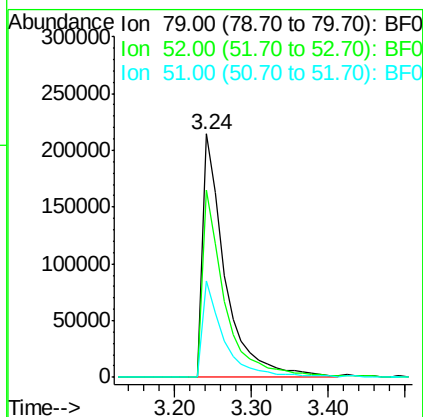
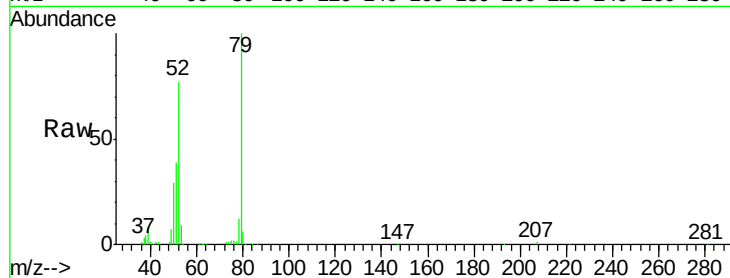
ClientSampleId :

PB86450BS

Tot Ion:	79	Resp:	435367
Ion Ratio	Lower	Upper	
79	100		
52	76.9	62.8	94.2
51	39.5	32.0	48.0

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#4

n-Nitrosodimethylamine

Concen: 31.77 ng

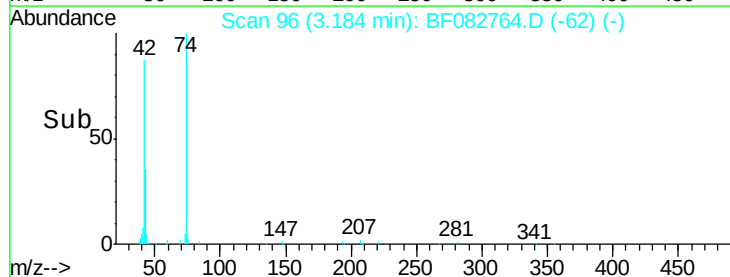
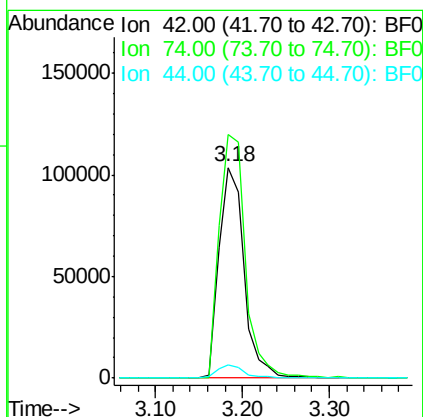
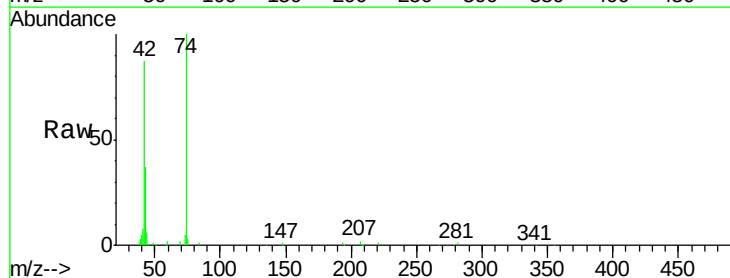
RT: 3.18 min Scan# 96

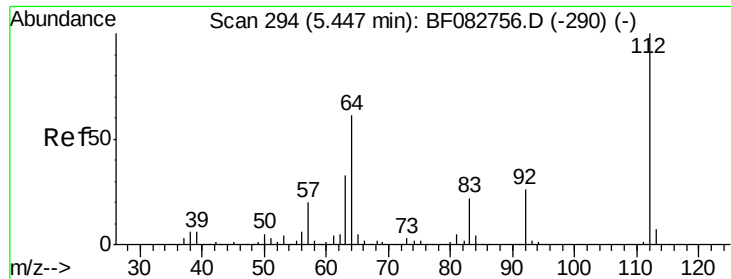
Delta R.T. 0.09 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	42	Resp:	208719
Ion Ratio	Lower	Upper	
42	100		
74	115.6	87.0	130.4
44	6.5	5.8	8.8





#5

2-Fluorophenol

Concen: 74.48 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

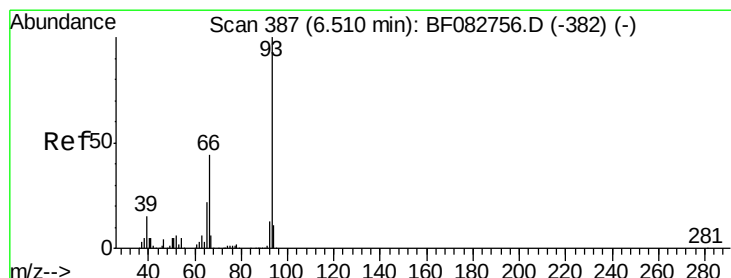
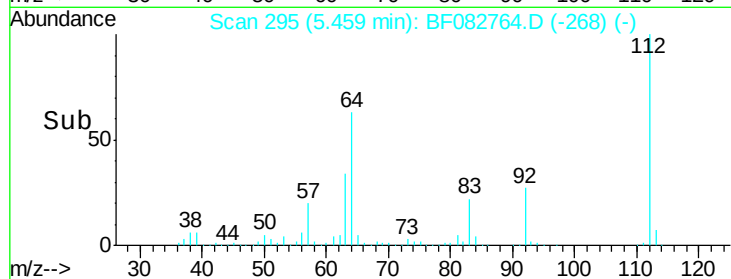
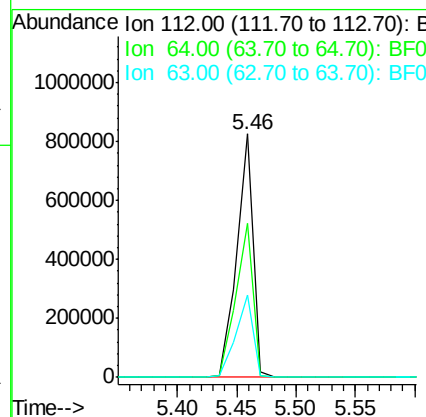
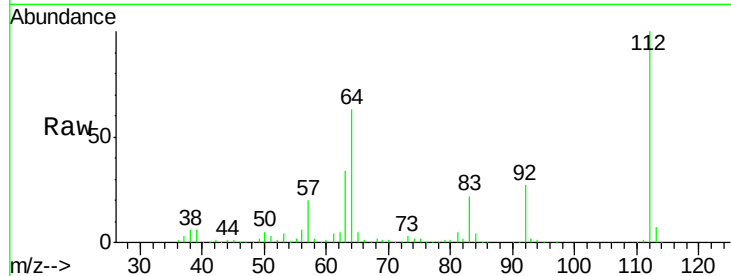
ClientSampleId :

PB86450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		788037		
64	63.3	48.9	73.3		
63	33.6	28.1	42.1		

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#6

Aniline

Concen: 18.34 ng

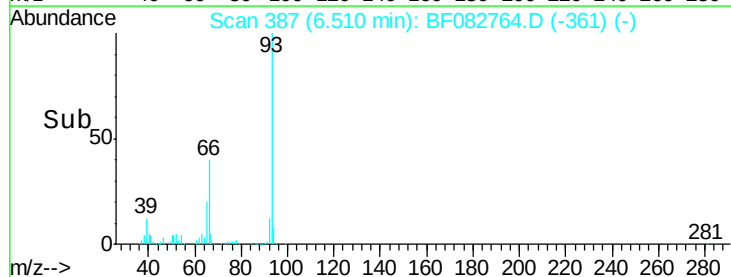
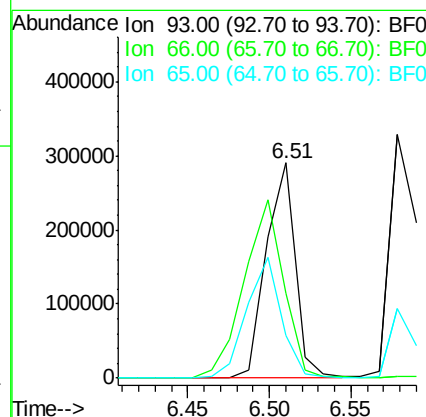
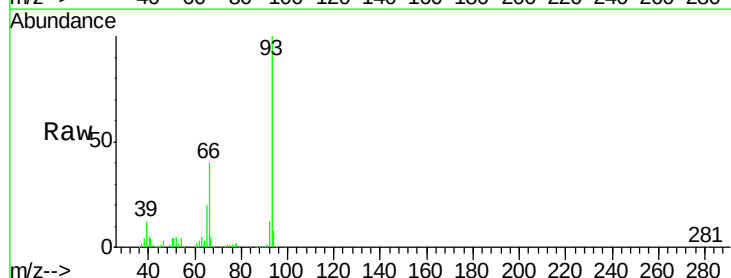
RT: 6.51 min Scan# 387

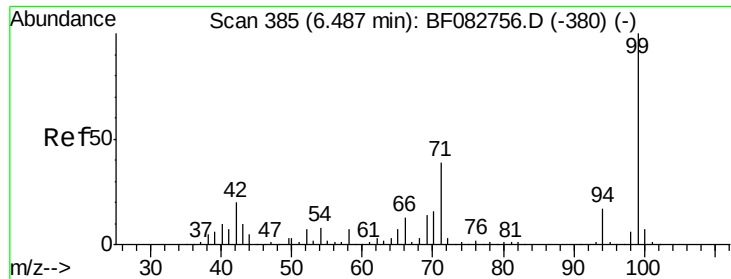
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		362123		
66	39.8	33.6	50.4		
65	19.6	18.1	27.1		





#7

Phenol-d6

Concen: 72.11 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion: 99 Resp: 1014249

Ion Ratio Lower Upper

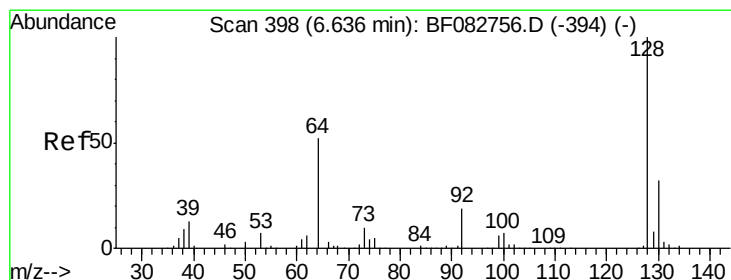
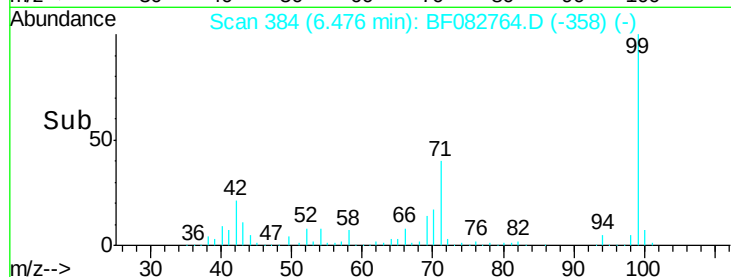
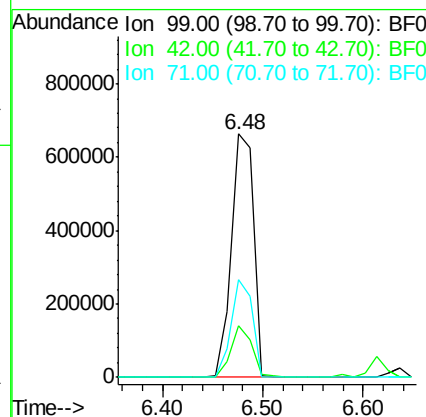
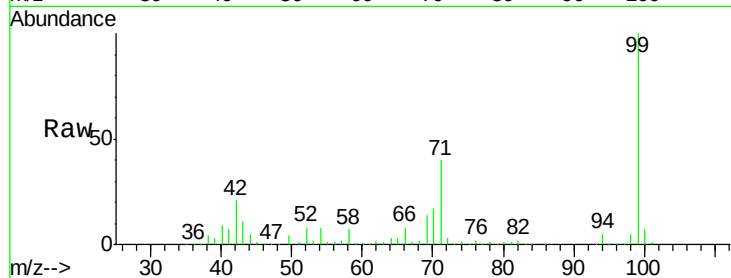
99 100

42 21.4 19.2 28.8

71 40.3 35.0 52.4

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#8

2-Chlorophenol

Concen: 35.32 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

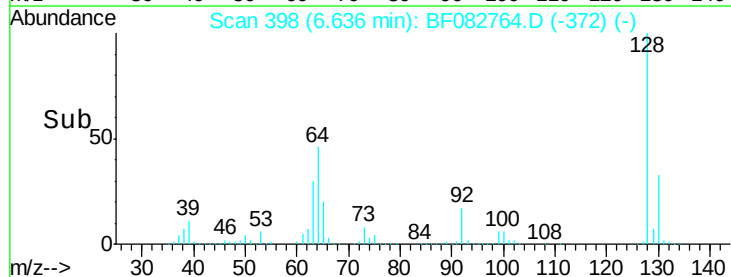
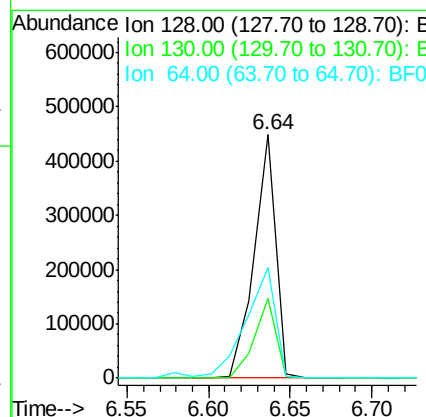
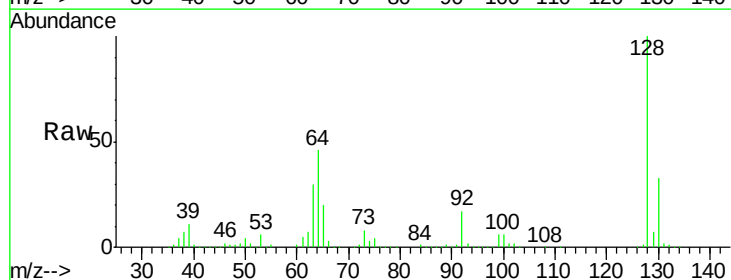
Tgt Ion: 128 Resp: 414300

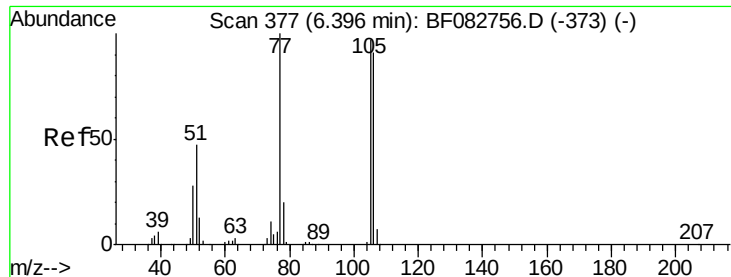
Ion Ratio Lower Upper

128 100

130 32.8 13.5 53.5

64 45.5 21.1 61.1





#9

Benzaldehyde

Concen: 5.55 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

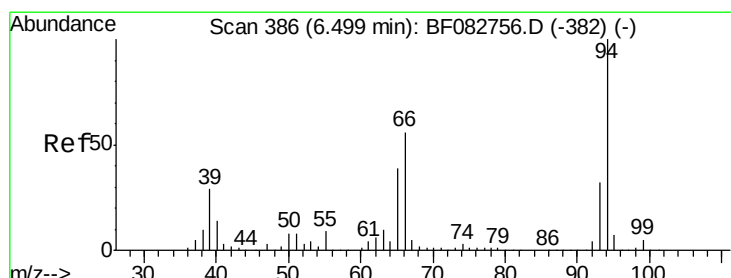
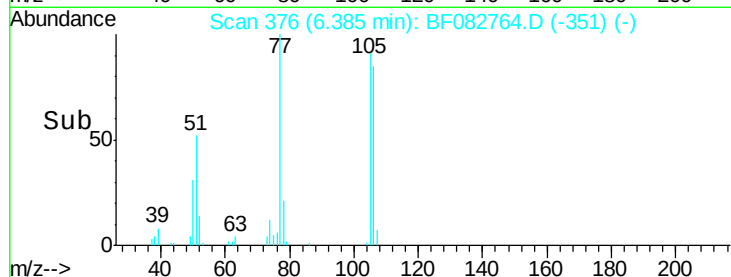
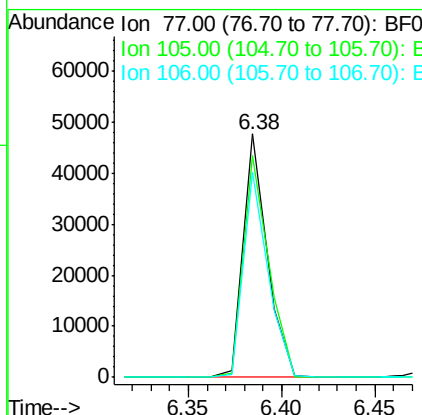
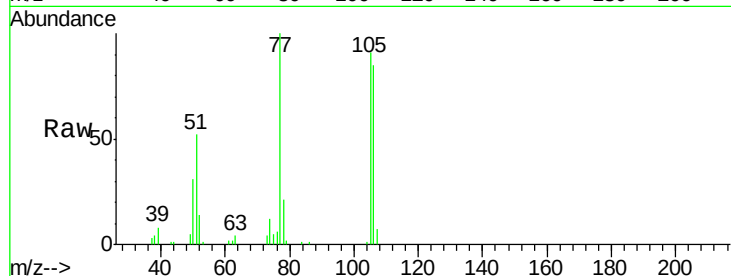
ClientSampleId :

PB86450BS

Tot Ion:	77	Resp:	43114
Ion	Ratio	Lower	Upper
77	100		
105	91.4	63.5	103.5
106	84.5	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 33.51 ng

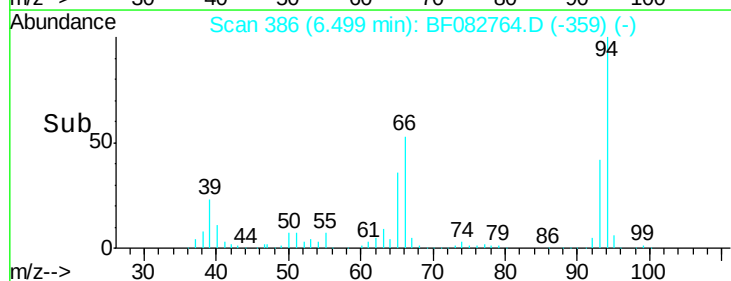
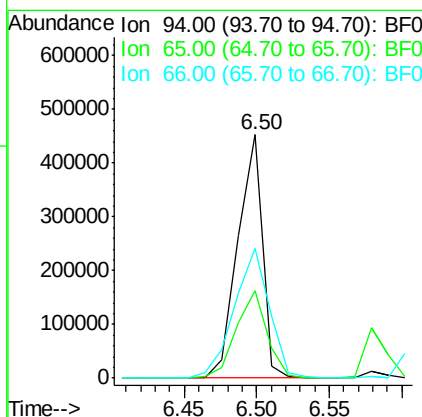
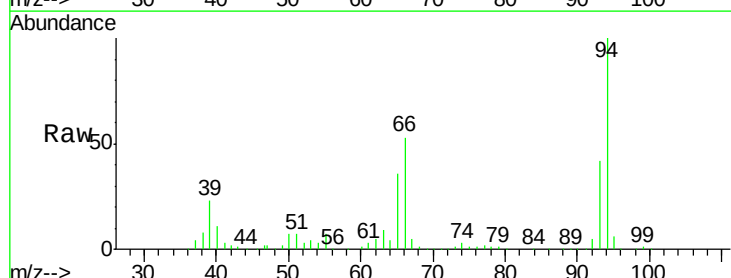
RT: 6.50 min Scan# 386

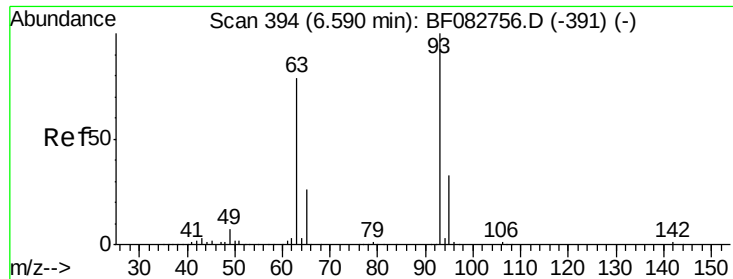
Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	94	Resp:	534720
Ion	Ratio	Lower	Upper
94	100		
65	35.8	18.9	58.9
66	53.1	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 31.73 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

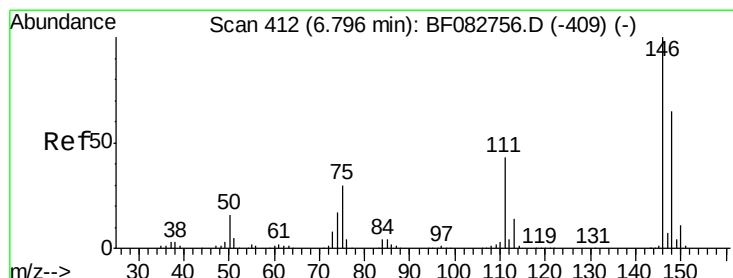
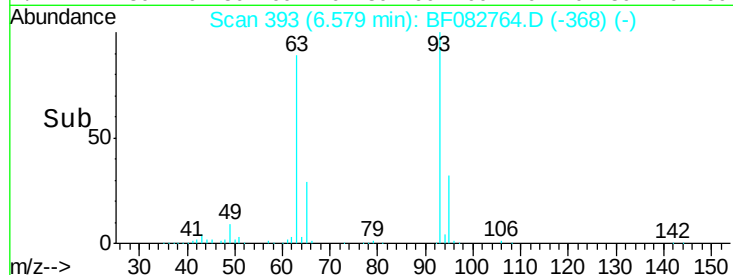
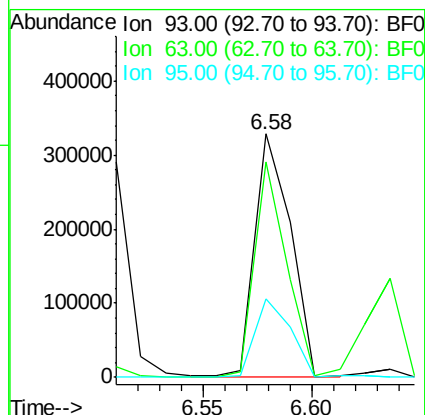
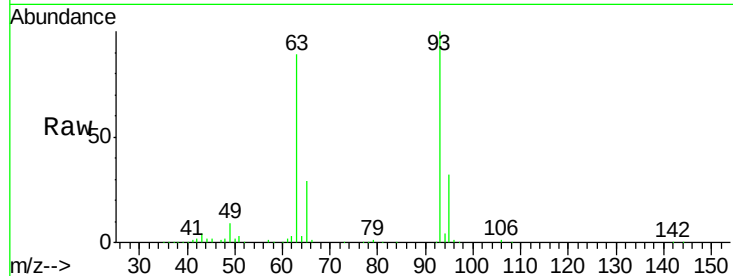
ClientSampleId :

PB86450BS

Tot Ion:	93	Resp:	378685
Ion Ratio	Lower	Upper	
93	100		
63	88.7	72.7	112.7
95	32.4	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 31.62 ng

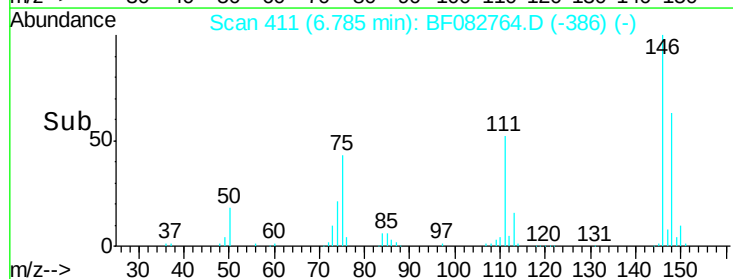
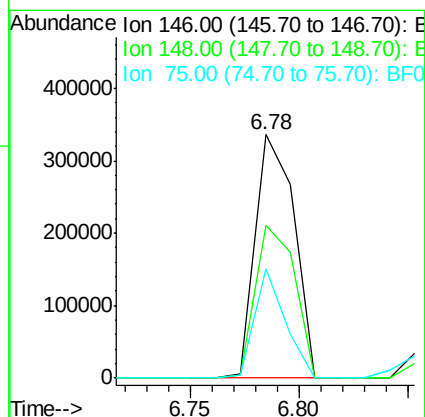
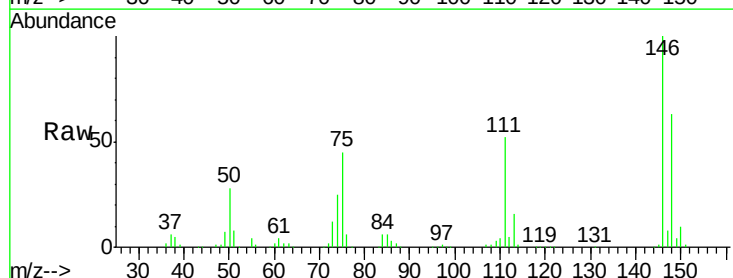
RT: 6.78 min Scan# 411

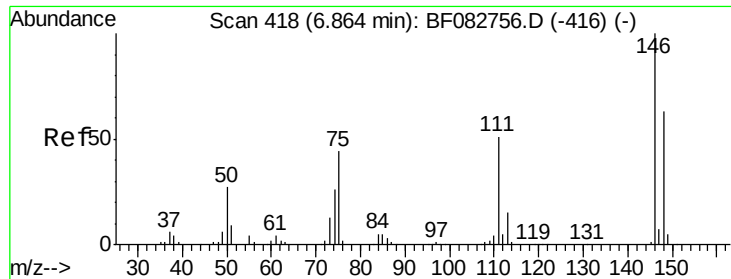
Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	146	Resp:	418211
Ion Ratio	Lower	Upper	
146	100		
148	62.8	50.5	75.7
75	44.8	39.5	59.3





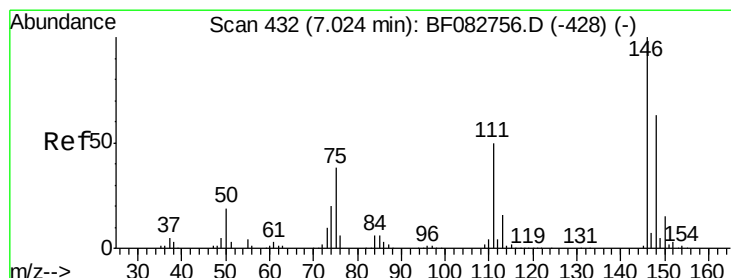
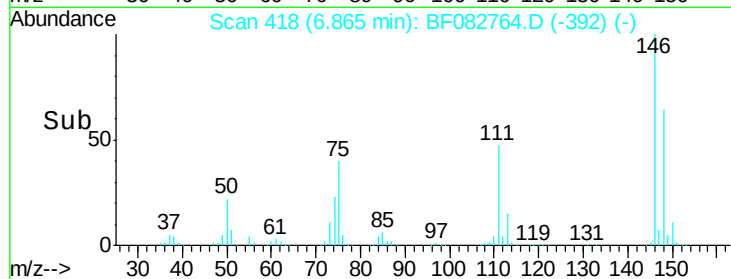
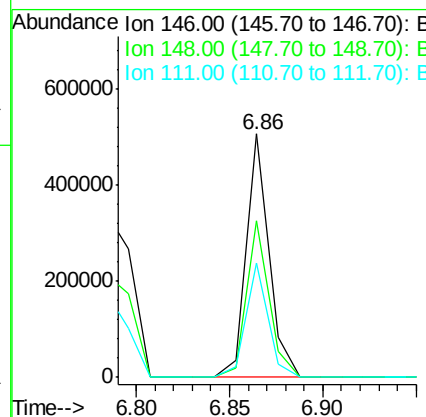
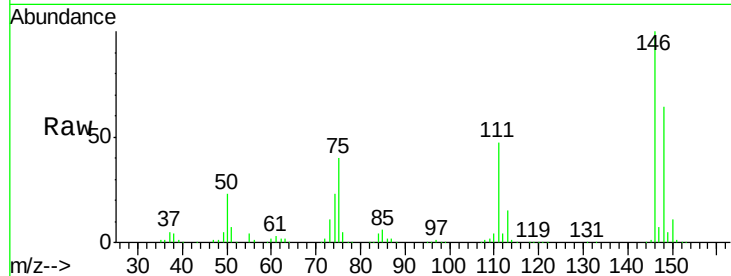
#13
 1,4-Dichlorobenzene
 Concen: 31.19 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	46.9	40.6	60.8

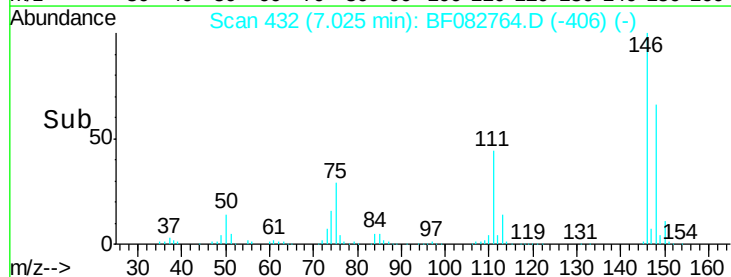
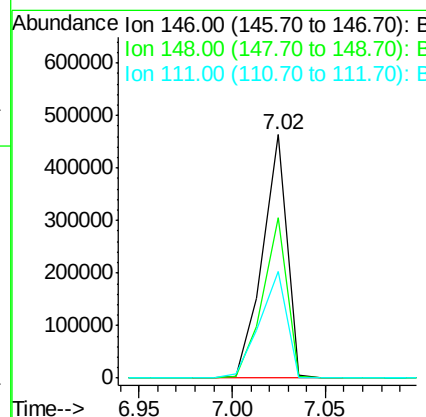
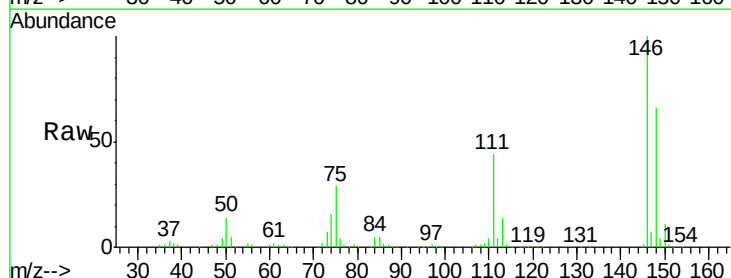
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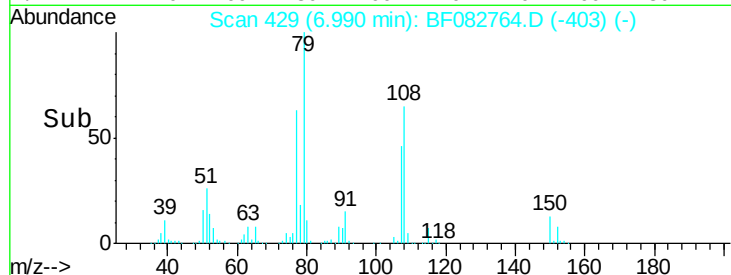
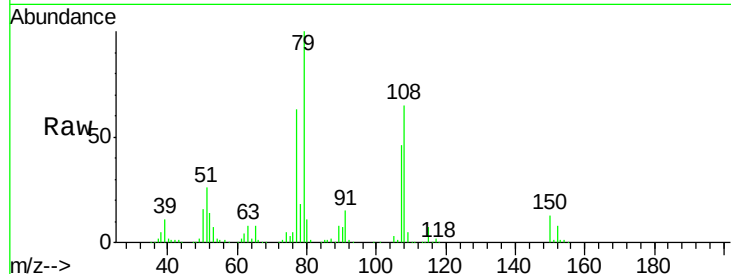
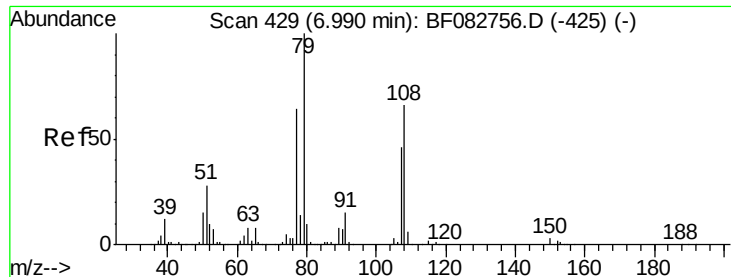
Mmdadoda
 11/9/2015 2:10:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.23 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
111	43.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 32.46 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tot Ion	79	Resp	400910
Ion Ratio	Lower	Upper	
79	100		
108	65.3	52.2	78.4
77	62.7	52.7	79.1

Instrument :

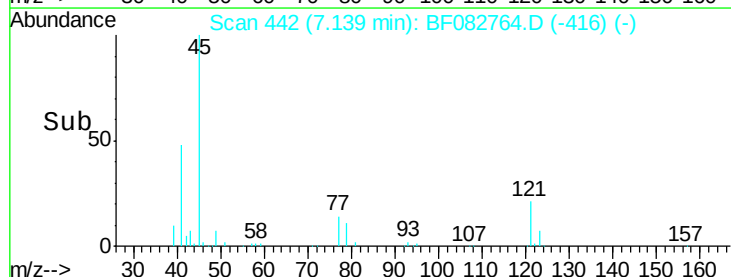
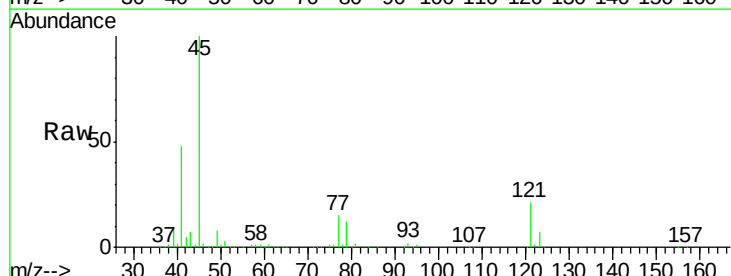
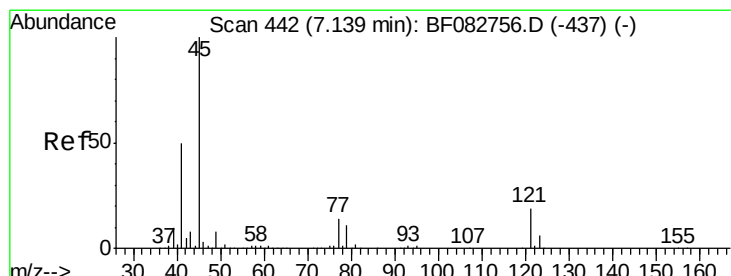
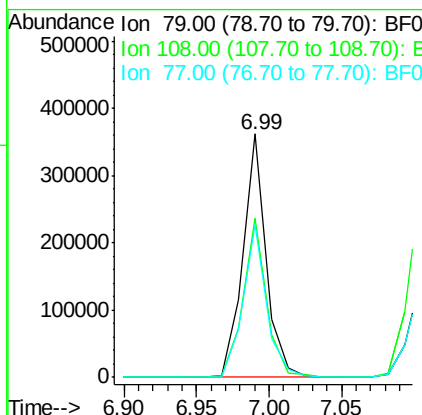
BNA_F

ClientSampleId :

PB86450BS

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.76 ng

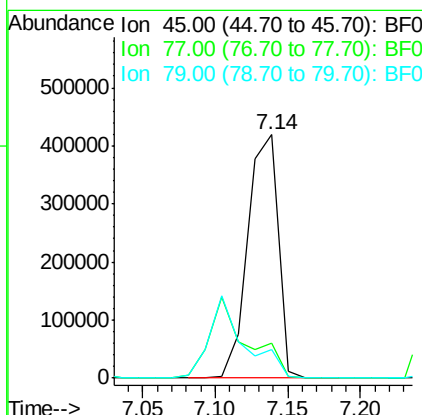
RT: 7.14 min Scan# 442

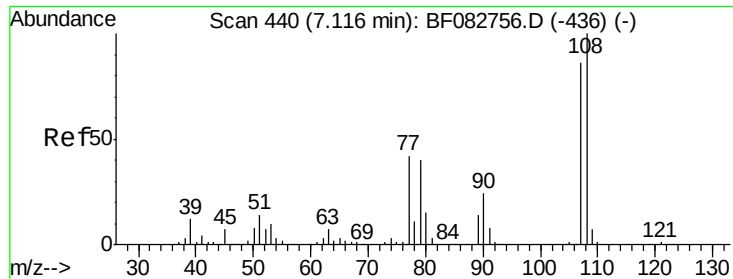
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion	45	Resp	608500
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	32.6
79	11.6	0.0	29.2





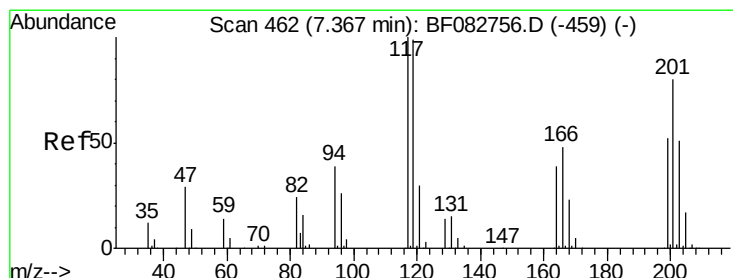
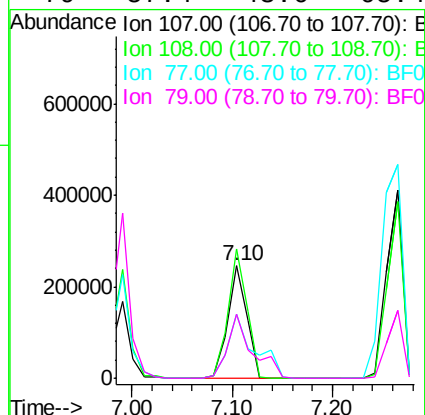
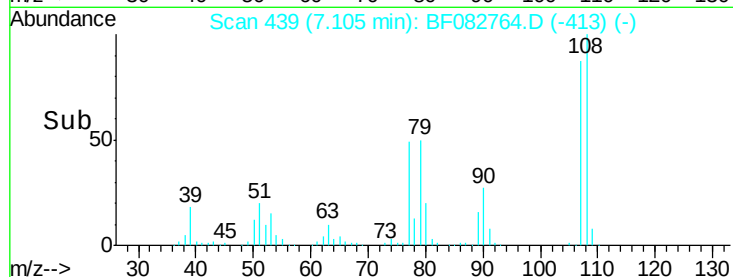
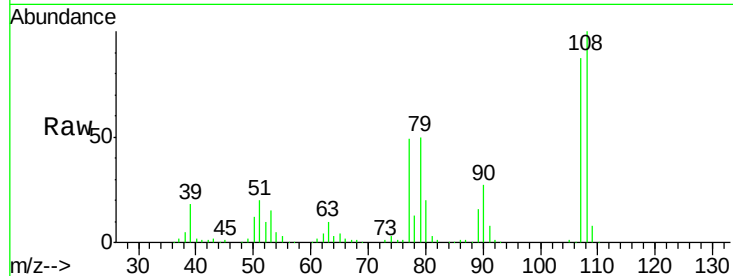
#17
2-Methylphenol
Concen: 32.46 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion:	107	Resp:	322495
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.0	139.4
77	56.7	44.1	66.1
79	57.4	43.6	65.4

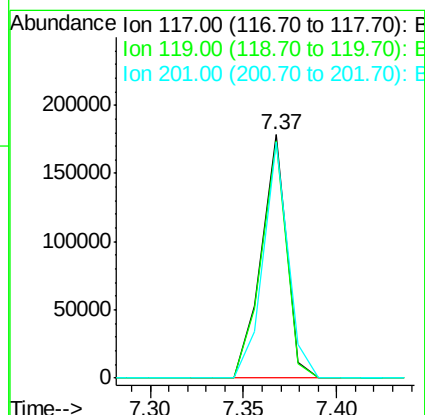
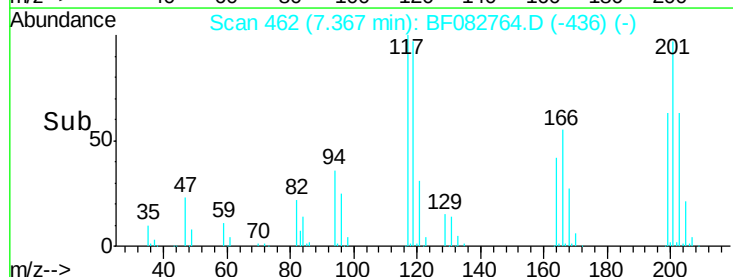
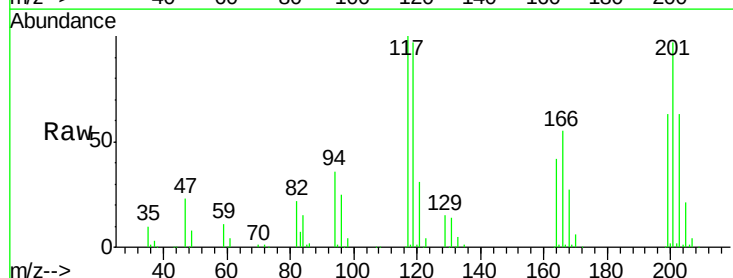
Manual Integrations
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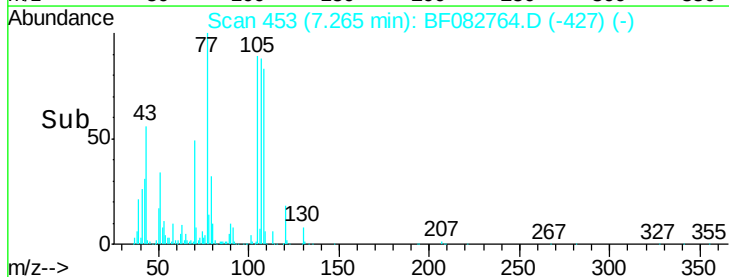
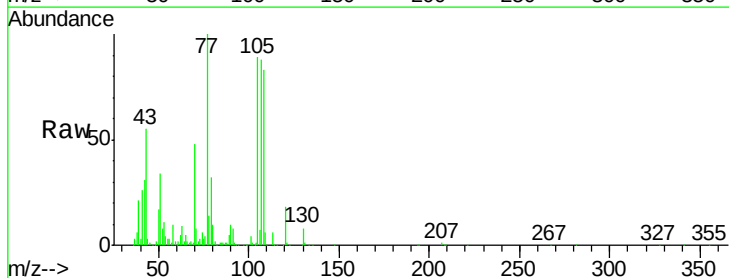
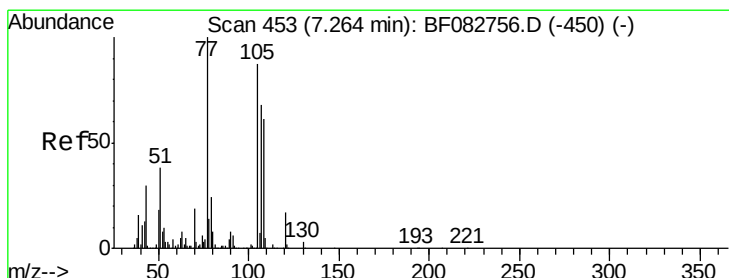
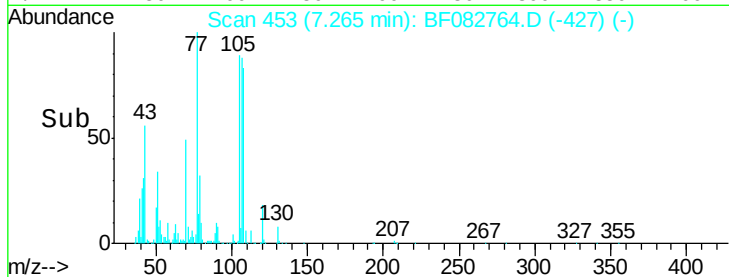
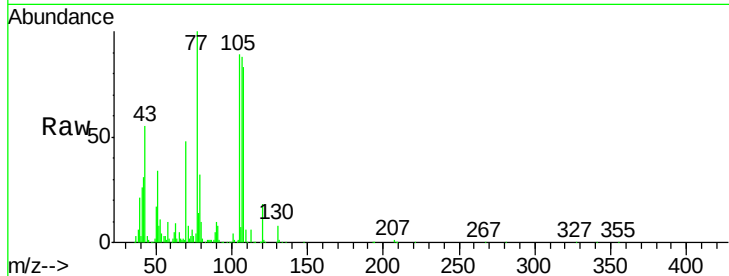
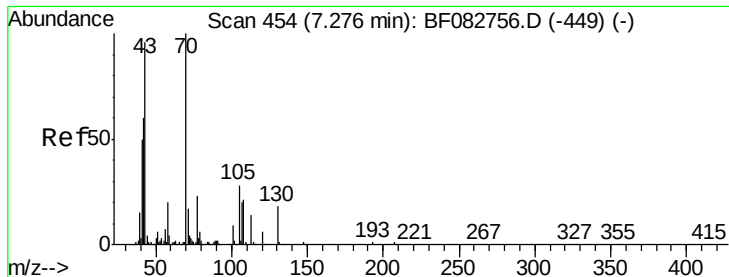
Mmdadoda
11/9/2015 2:10:21 PM



#18
Hexachloroethane
Concen: 33.99 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:	117	Resp:	167293
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.7	116.5
201	96.7	66.7	100.1





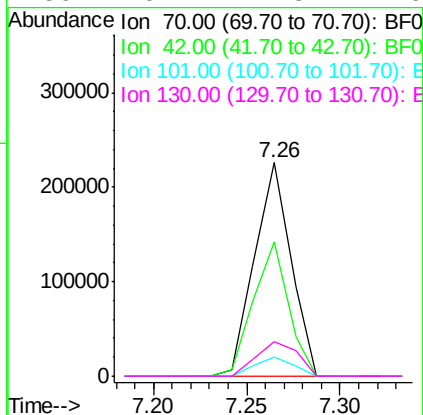
#19
n-Nitroso-di-n-propylamine
Concen: 29.48 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	57.7	86.5	
101	9.3	7.0	10.6	
130	16.4	11.8	17.6	

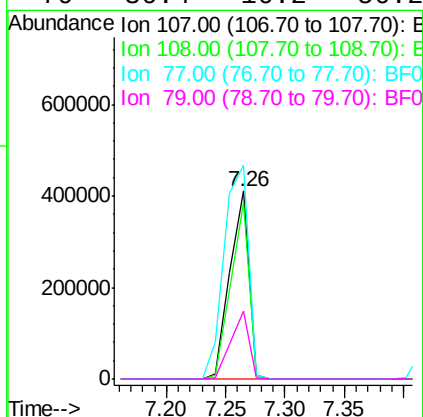
Manual Integrations
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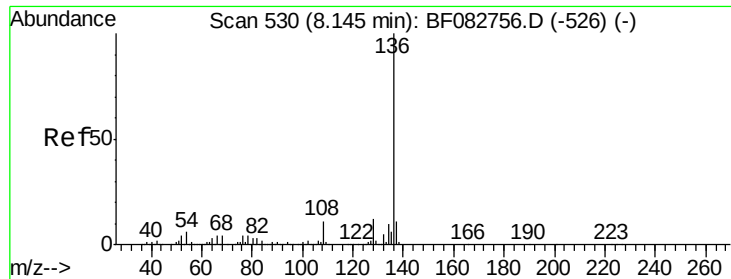
Mmdadoda
11/9/2015 2:10:21 PM



#20
3+4-Methylphenols
Concen: 35.28 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.4	67.3	107.3	
77	113.7	100.3	140.3	
79	36.4	16.2	56.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082764.D

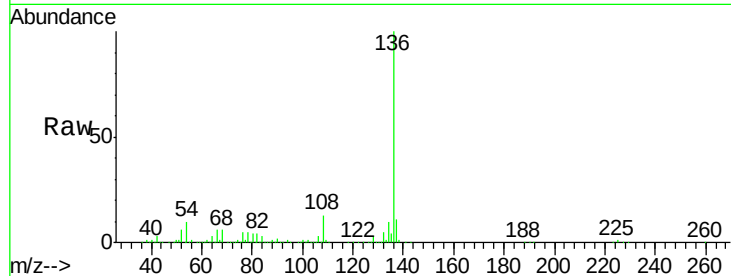
Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

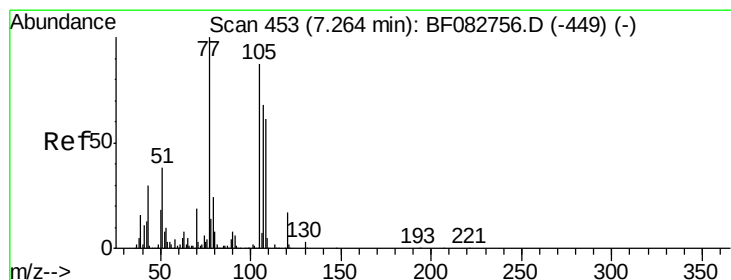
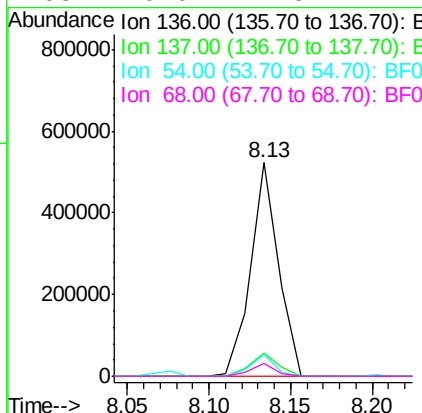
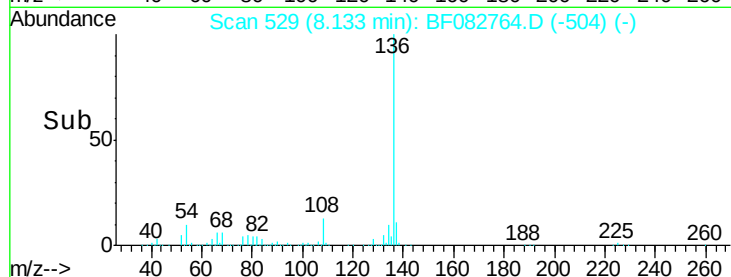
PB86450BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		615221		
137	10.9	9.1	13.7		
54	10.0	9.1	13.7		
68	6.0	4.8	7.2		

Manual Integrations
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#22

Acetophenone

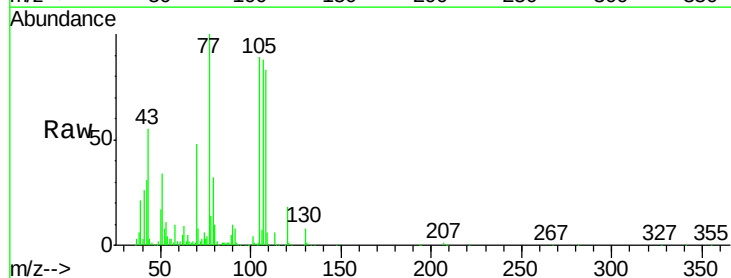
Concen: 33.73 ng

RT: 7.26 min Scan# 453

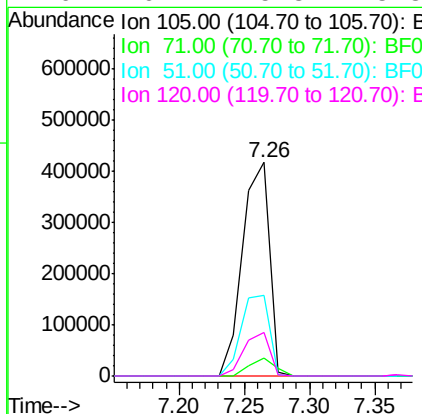
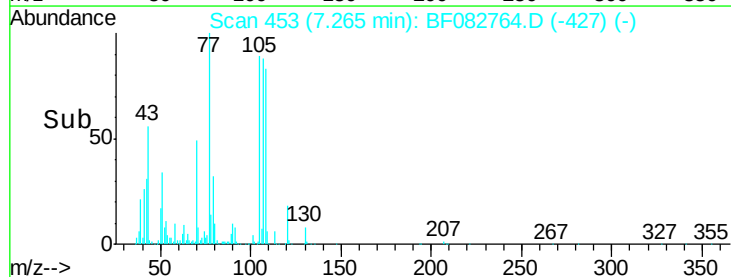
Delta R.T. 0.00 min

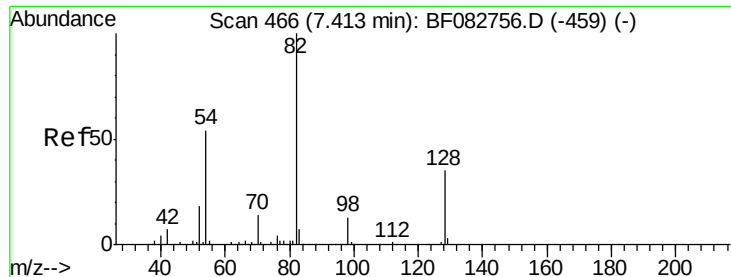
Lab File: BF082764.D

Acq: 6 Nov 2015 16:34



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		594665		
71	8.6	5.6	8.4#		
51	37.8	24.9	37.3#		
120	20.1	15.8	23.8		





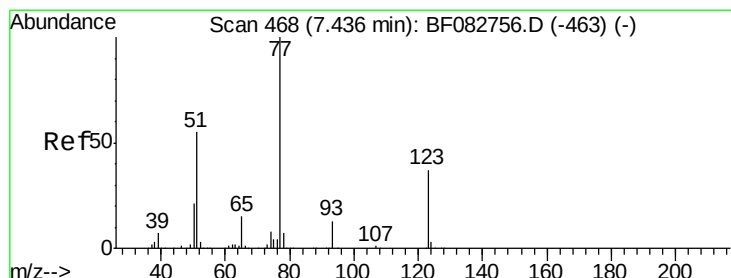
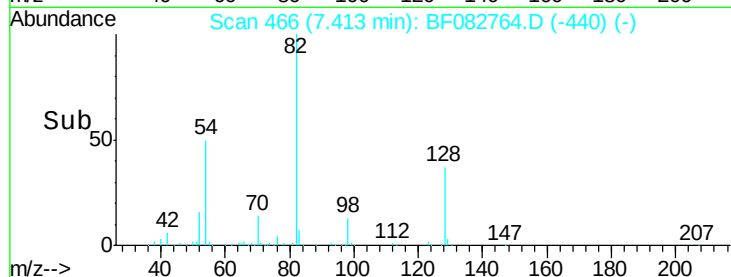
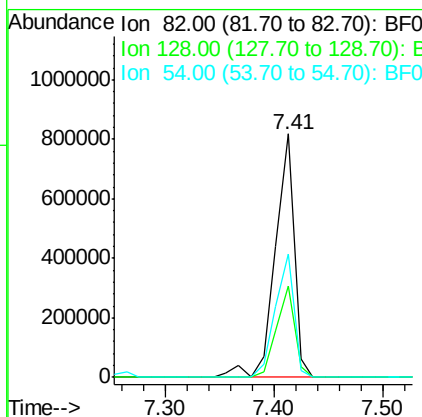
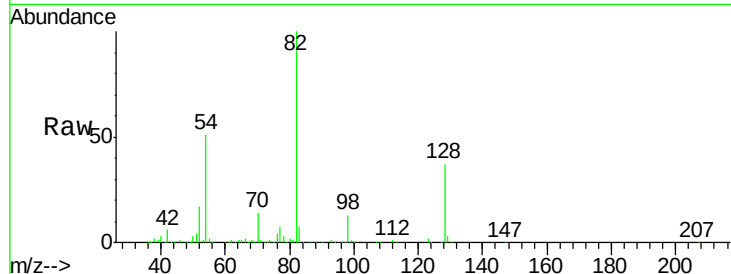
#23
 Nitrobenzene-d5
 Concen: 70.24 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	26.8	40.2
54	50.7	45.7	68.5

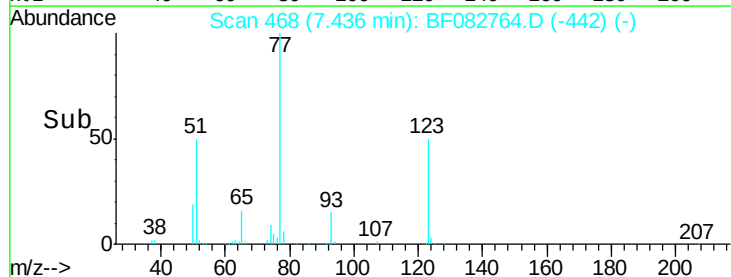
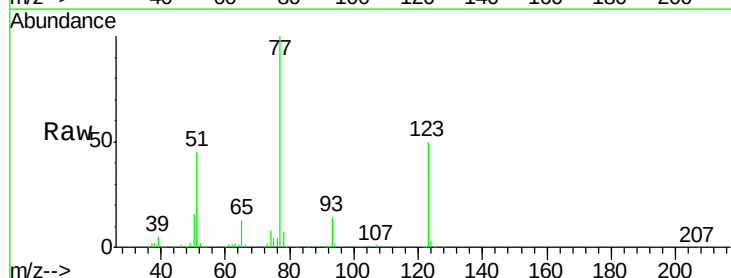
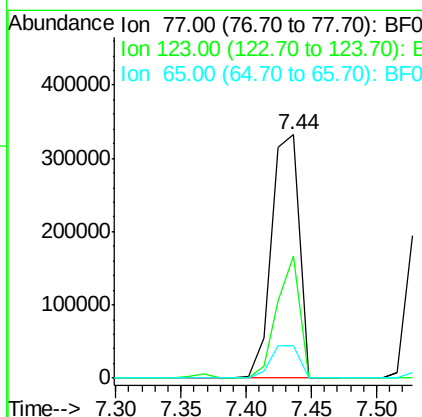
Manual Integrations
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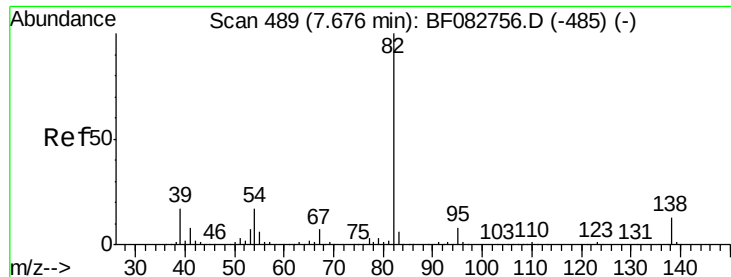
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#24
 Nitrobenzene
 Concen: 33.44 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	36.4	54.6
65	13.3	11.5	17.3





#25

Isophorone

Concen: 32.81 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

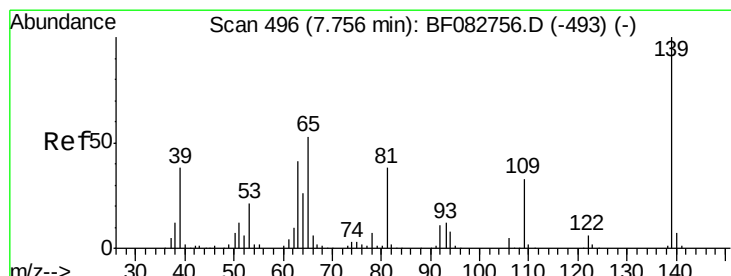
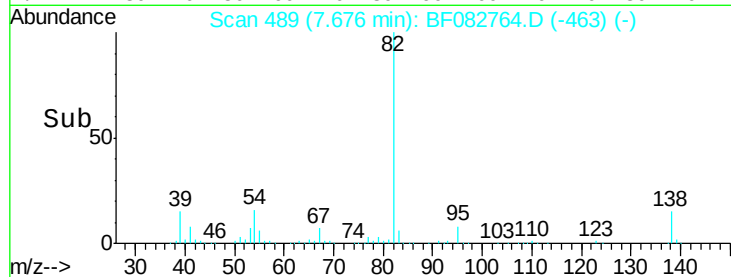
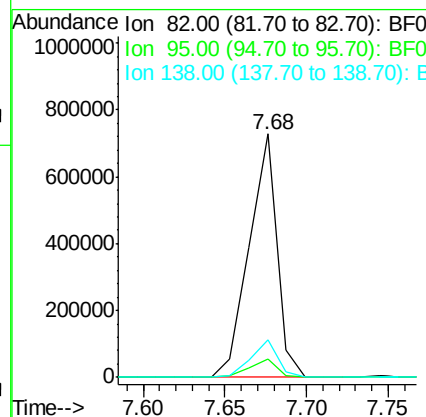
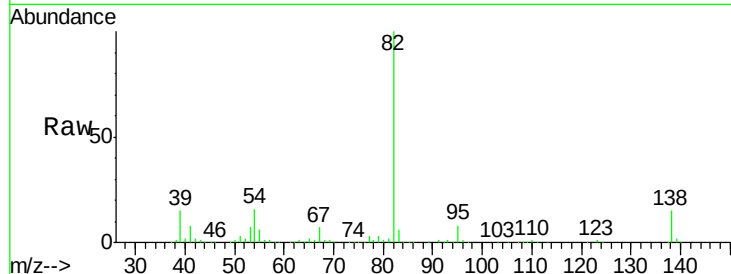
ClientSampleId :

PB86450BS

Tot Ion:	82	Resp:	858407
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.6	9.8
138	15.3	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 32.58 ng

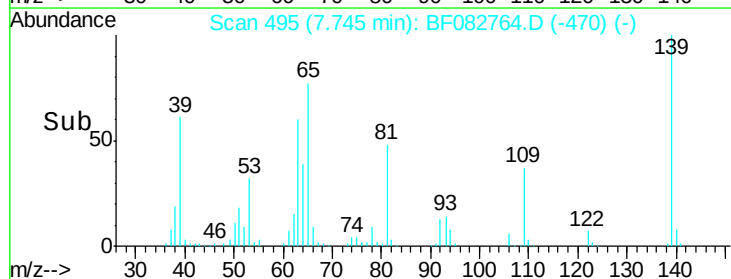
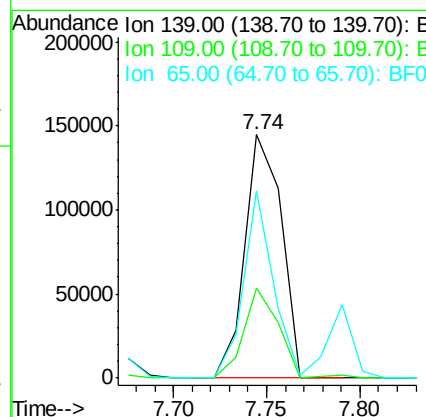
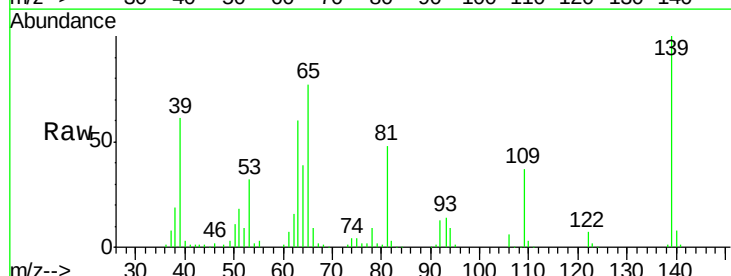
RT: 7.74 min Scan# 495

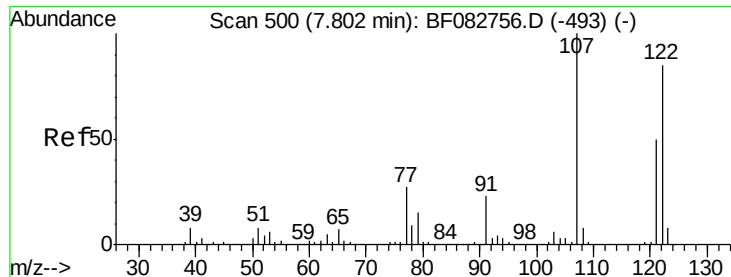
Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	139	Resp:	196617
Ion Ratio		Lower	Upper
139	100		
109	37.2	37.6	56.4#
65	77.0	70.6	105.8





#27

2,4-Dimethylphenol

Concen: 32.83 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

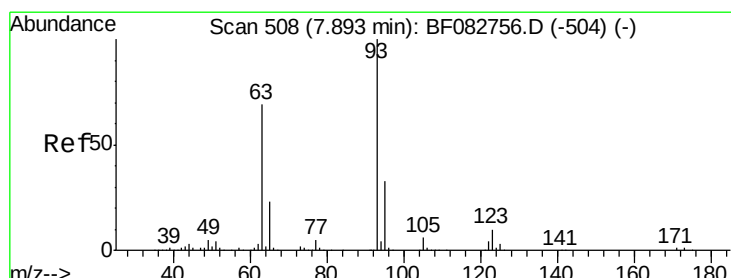
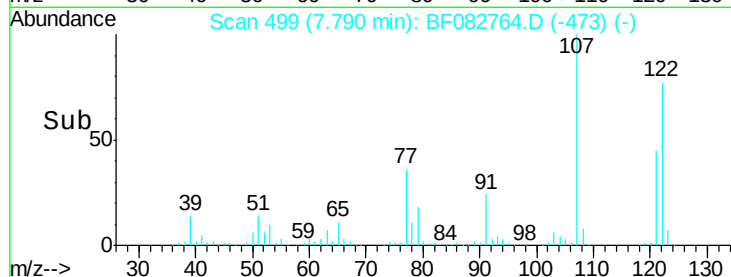
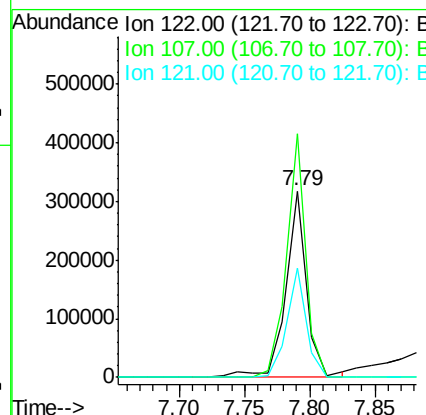
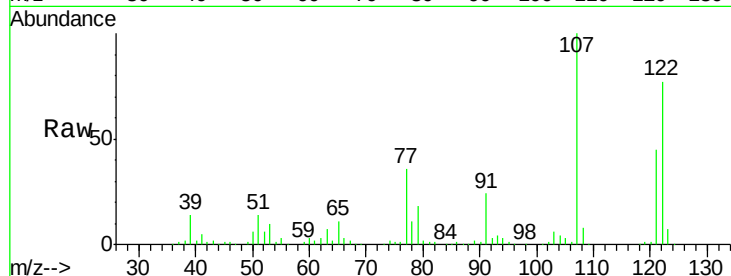
ClientSampled :

PB86450BS

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Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	130.6	106.0	159.0	
121	58.9	46.7	70.1	



#28

bis(2-Chloroethoxy)methane

Concen: 33.84 ng

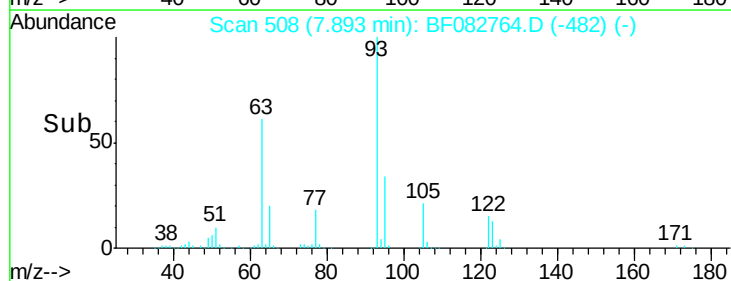
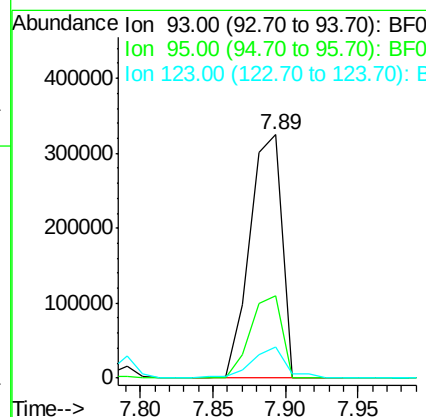
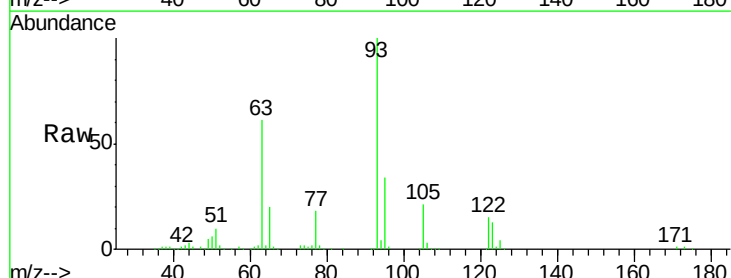
RT: 7.89 min Scan# 508

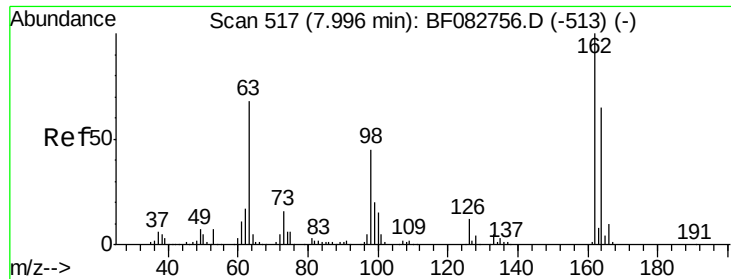
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.6	26.6	40.0	
123	12.8	9.7	14.5	





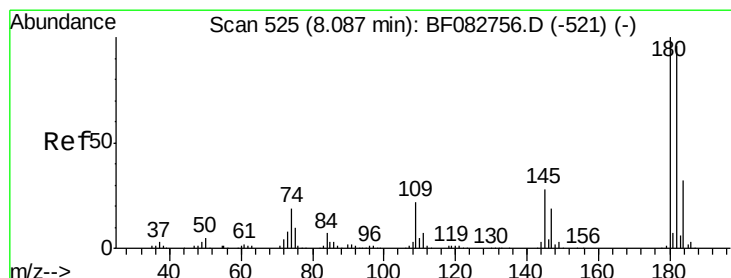
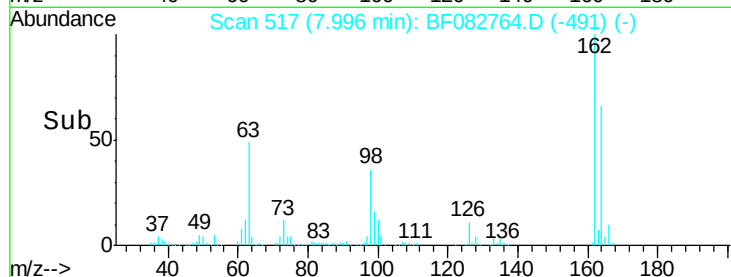
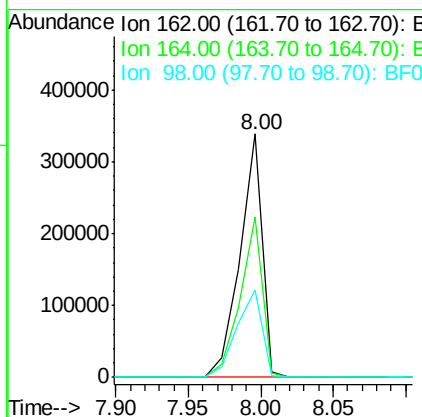
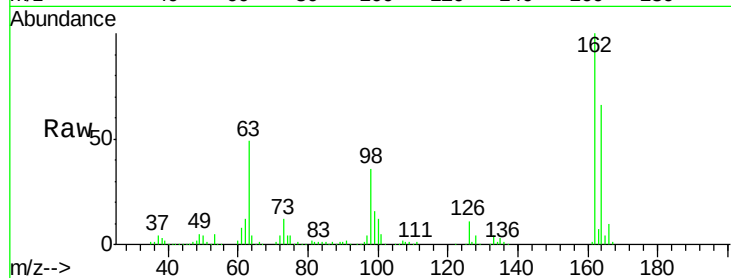
#29
2,4-Dichlorophenol
Concen: 36.80 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion:	162	Resp:	360696
Ion Ratio	Lower	Upper	
162	100		
164	65.8	46.8	86.8
98	36.2	12.5	52.5

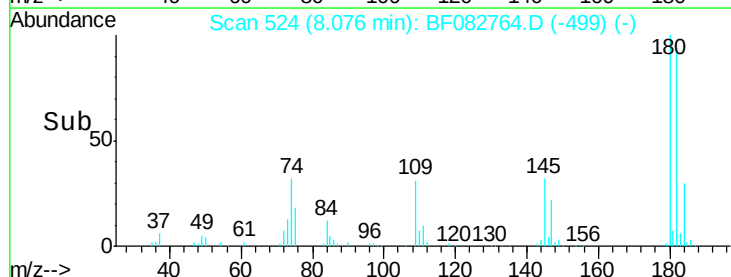
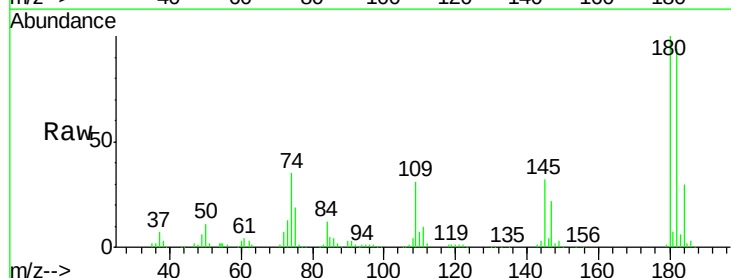
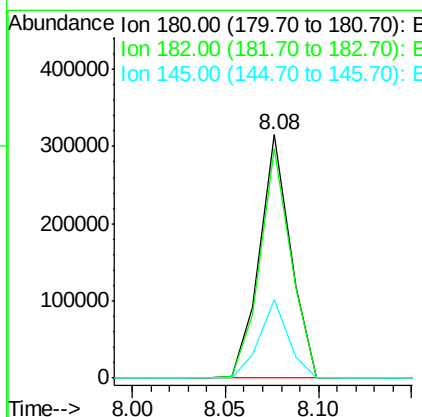
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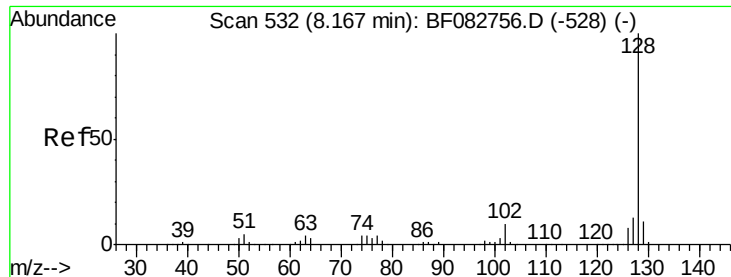
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#30
1,2,4-Trichlorobenzene
Concen: 32.77 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion:	180	Resp:	361200
Ion Ratio	Lower	Upper	
180	100		
182	94.4	74.9	112.3
145	32.5	27.8	41.8





#31

Naphthalene

Concen: 31.42 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion:128 Resp: 1066574

Ion Ratio Lower Upper

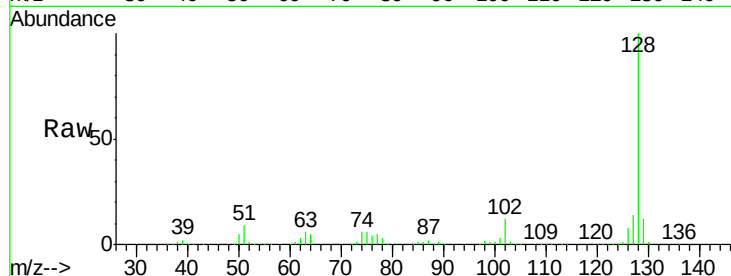
128 100

129 11.5 9.5 14.3

127 13.5 11.4 17.0

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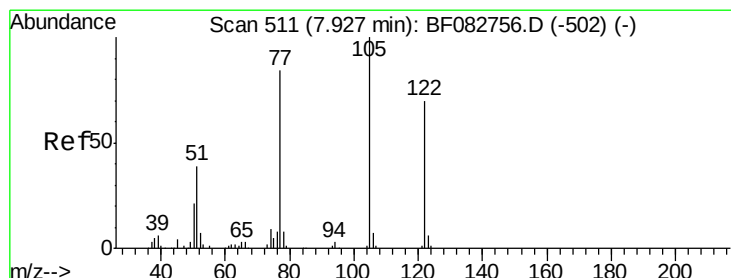
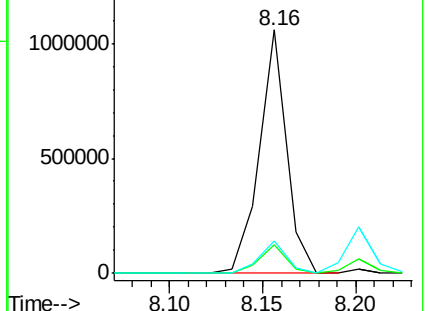
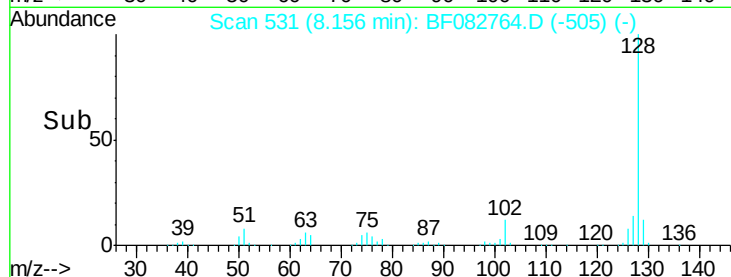
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 31.31 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

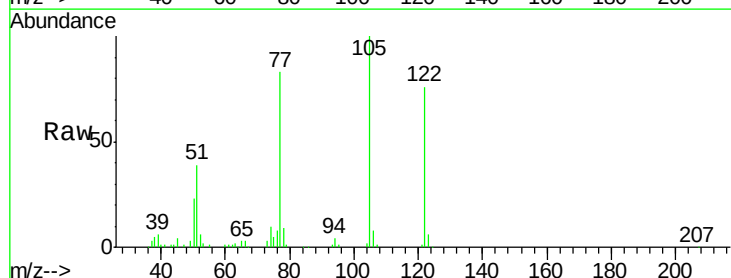
Tgt Ion:122 Resp: 232466

Ion Ratio Lower Upper

122 100

105 131.6 122.6 162.6

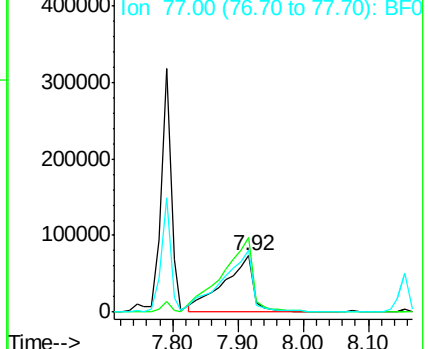
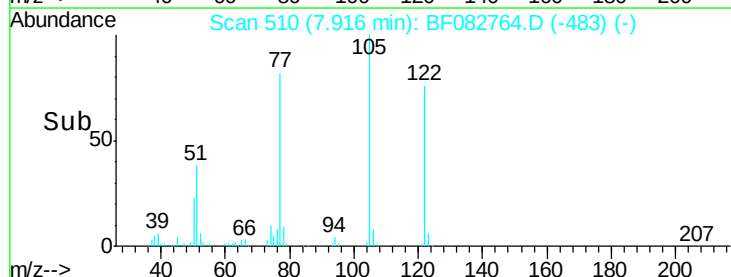
77 109.7 100.9 140.9

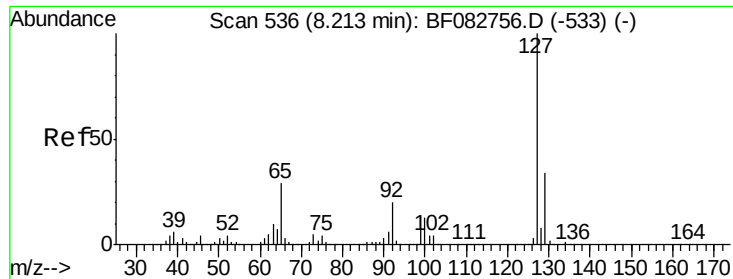


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





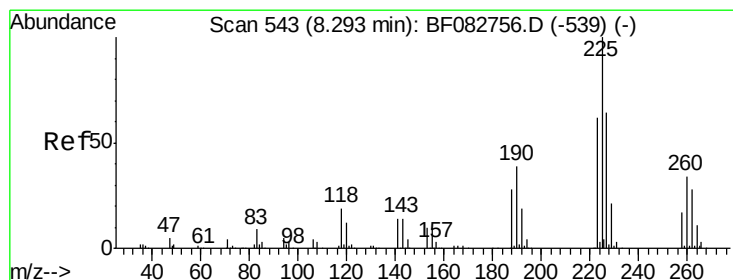
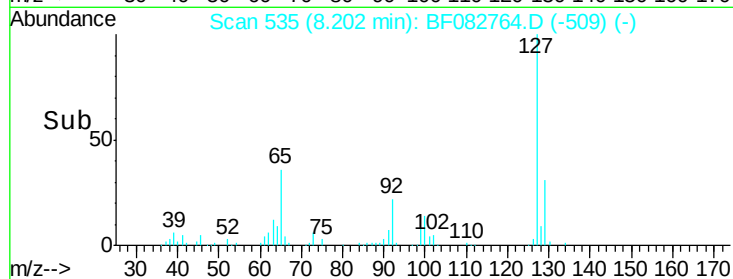
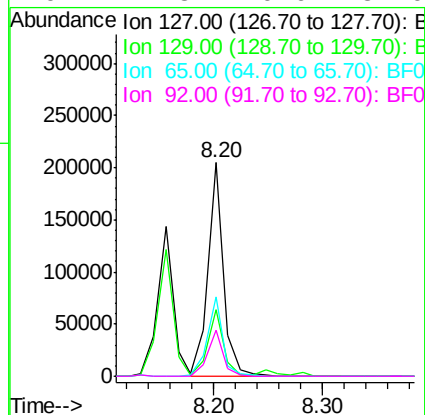
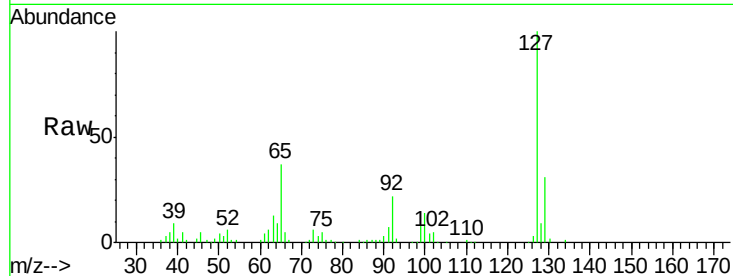
#33
4-Chloroaniline
Concen: 14.01 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.3	39.5		
65	36.9	37.8	56.8		
92	21.8	20.6	31.0		

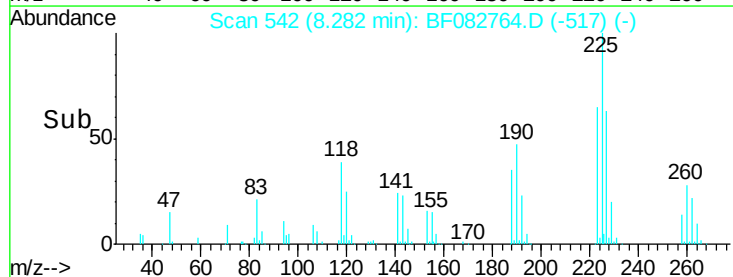
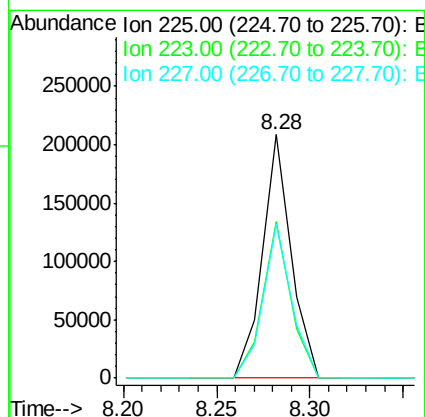
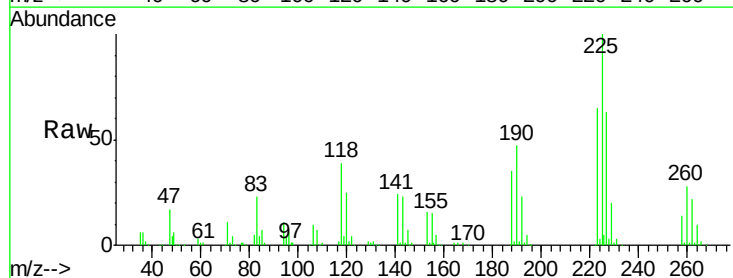
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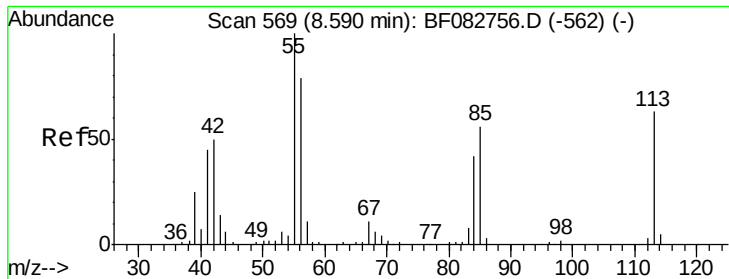
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#34
Hexachlorobutadiene
Concen: 32.75 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.5	75.7		
227	63.1	50.2	75.2		





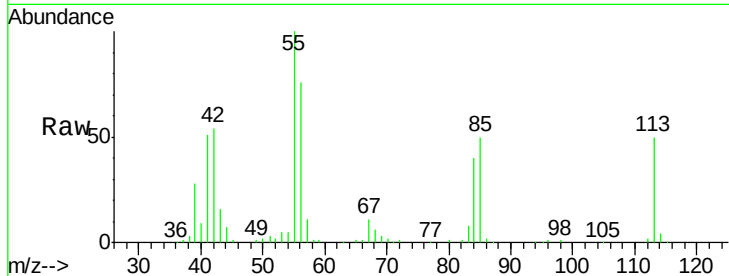
#35
 Caprolactam
 Concen: 35.96 ng/ml
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

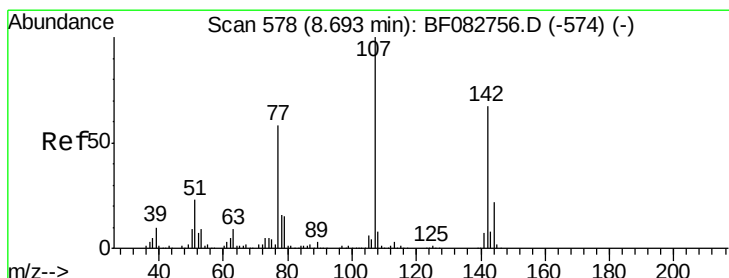
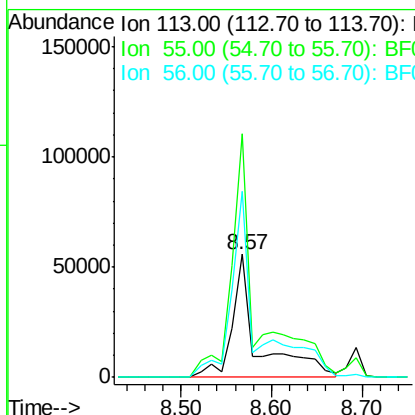
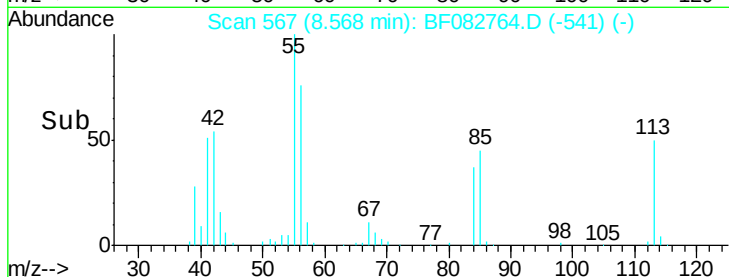
Tot Ion	Ratio	Lower	Upper
113	100		
55	198.3	195.5	235.5
56	151.5	153.5	193.5

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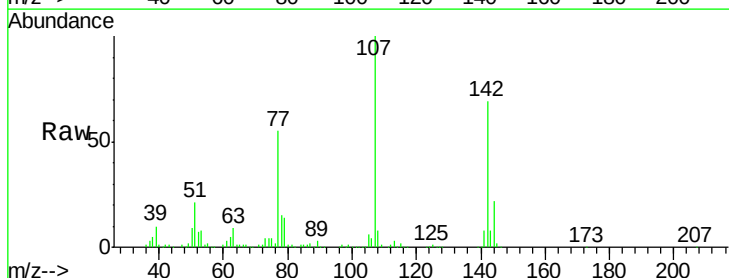


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

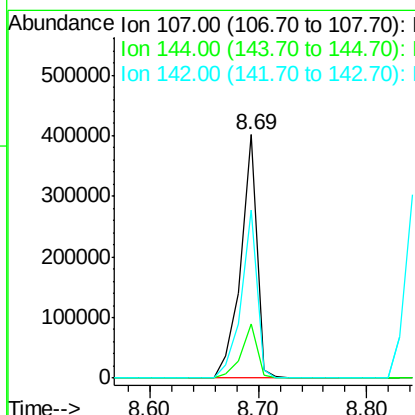
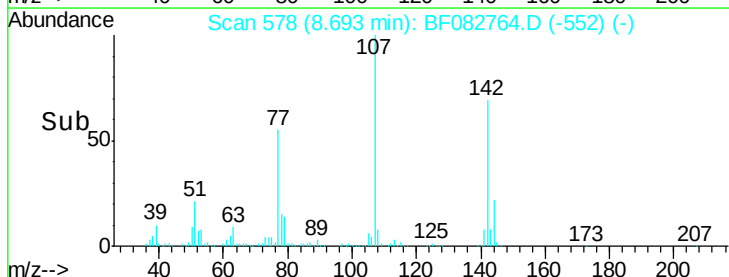


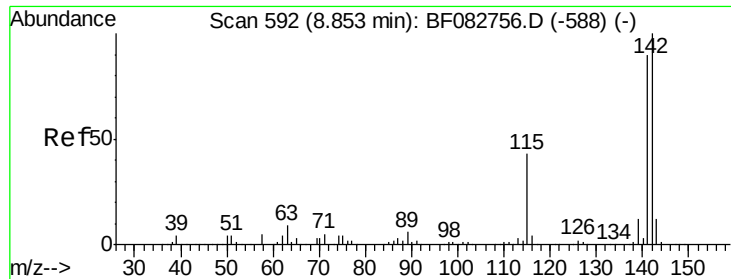
#36
 4-Chloro-3-methylphenol
 Concen: 35.71 ng/ml
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	15.4	23.0
142	68.8	47.8	71.8



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





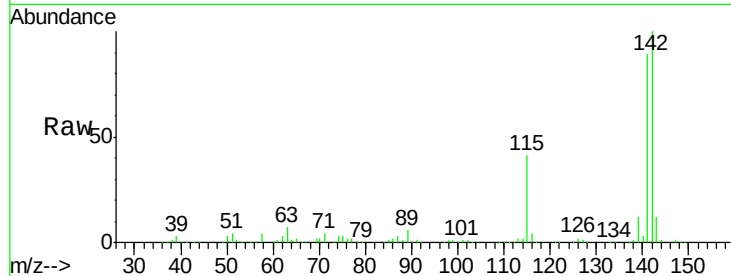
#37
2-Methylnaphthalene
Concen: 35.80 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.3	108.5
115	40.7	38.1	57.1

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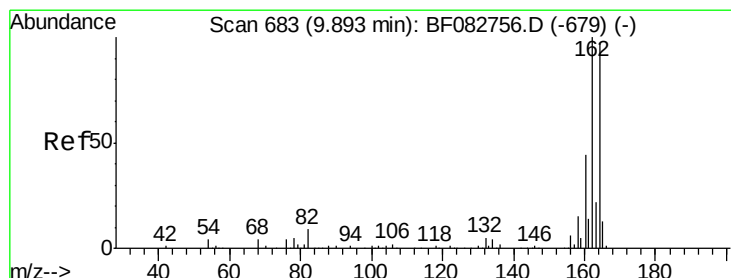
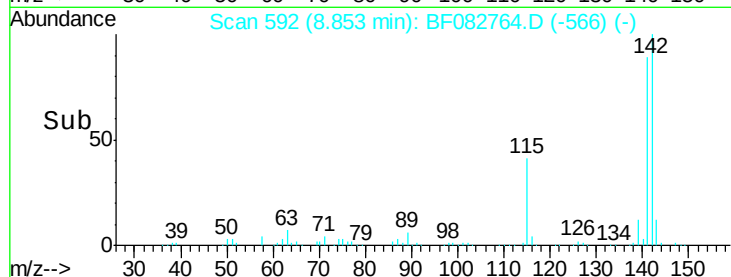
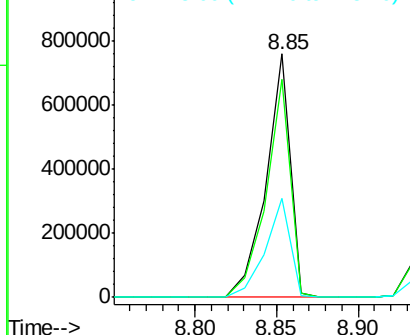


Abundance

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: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

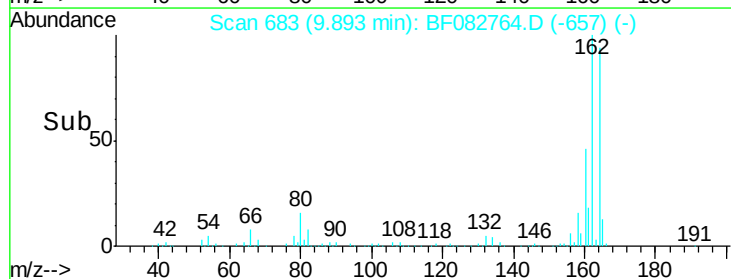
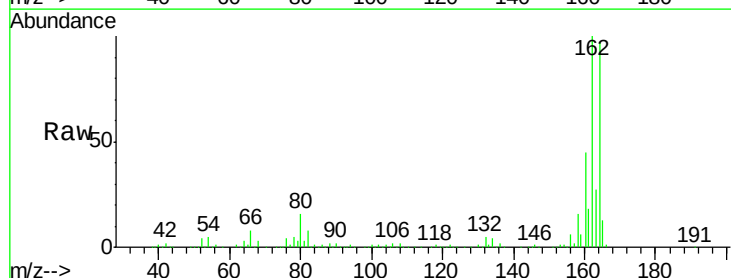
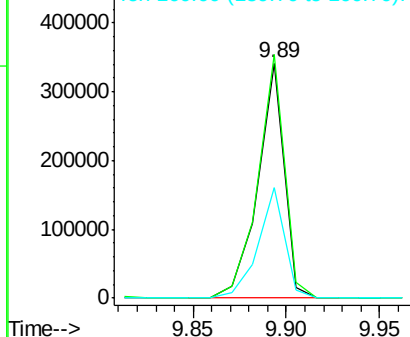
Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	84.9	127.3
160	47.0	37.5	56.3

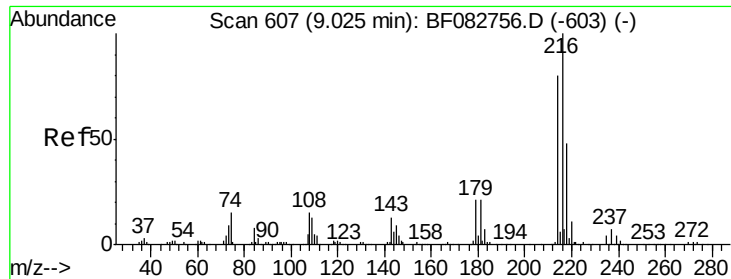
Abundance

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: 33.76 ng

RT: 9.02 min Scan# 607

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

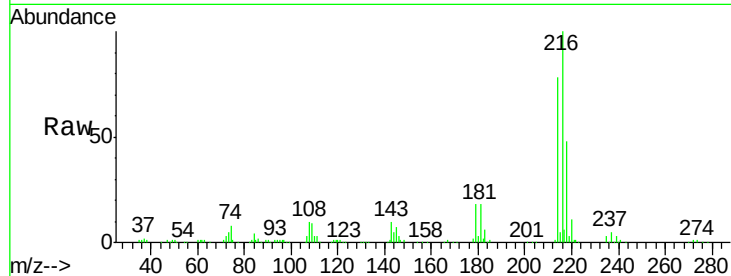
ClientSampleId :

PB86450BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		367349		
214	79.3		62.2	93.2	
179	21.2		18.1	27.1	
108	20.8		16.6	25.0	

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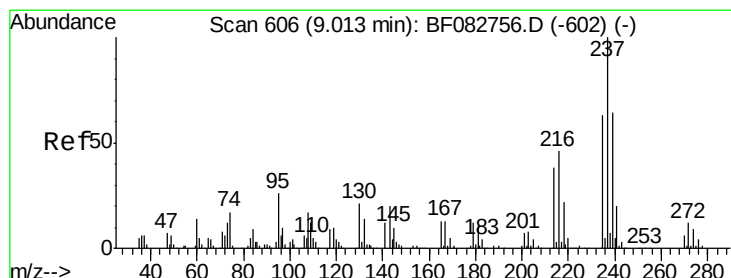
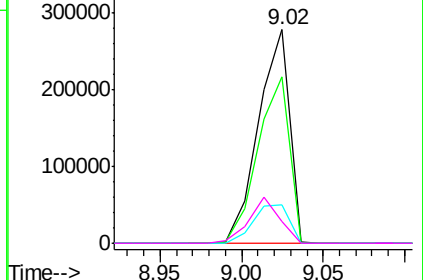
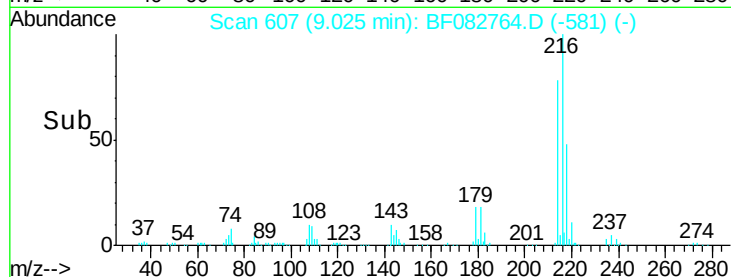


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.47 ng

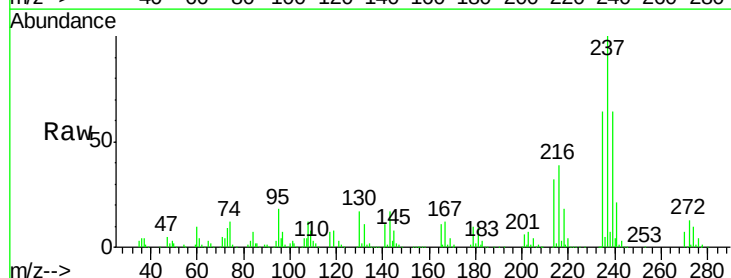
RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

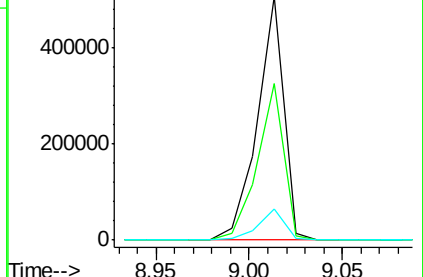
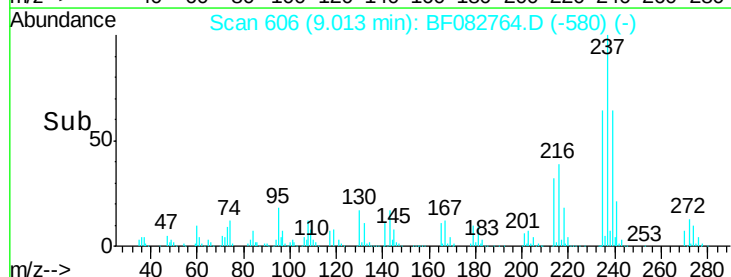
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		493784		
235	64.1		44.3	84.3	
272	12.6		0.0	31.9	

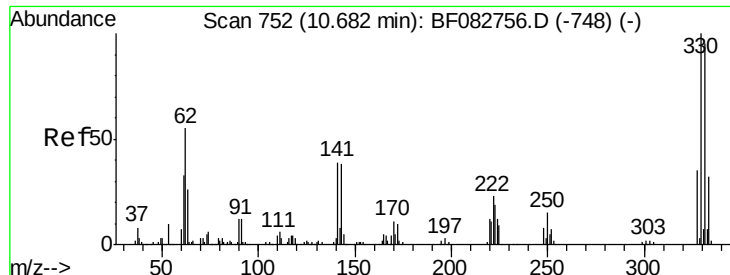


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





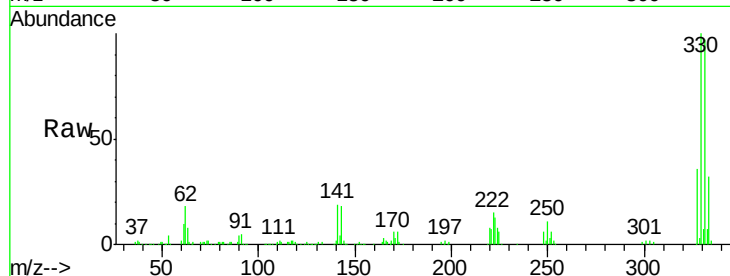
#41
 2,4,6-Tribromophenol
 Concen: 77.29 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

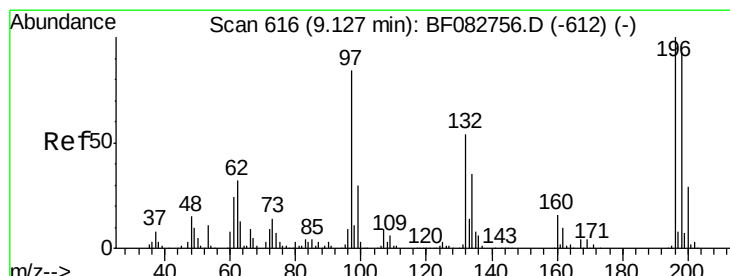
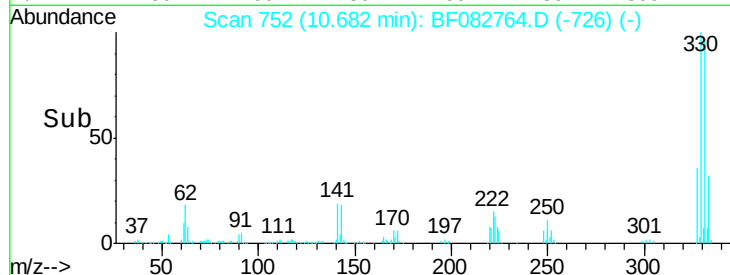
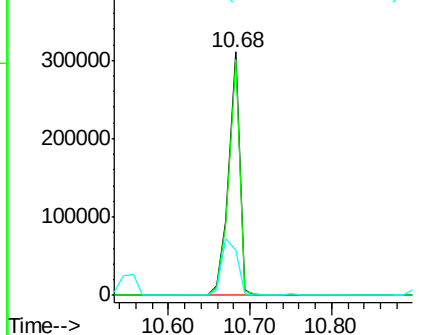
Tot Ion	Ratio	Resp	Lower	Upper
330	100	293427		
332	96.8	76.6	114.8	
141	33.0	41.2	61.8#	

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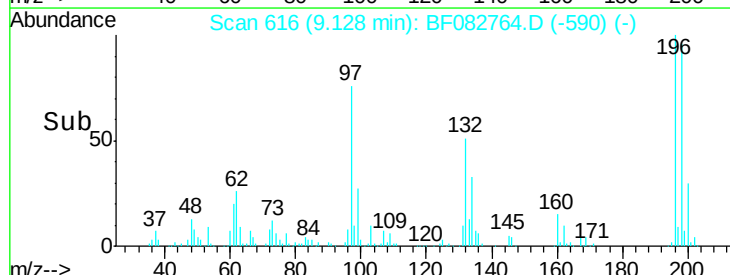
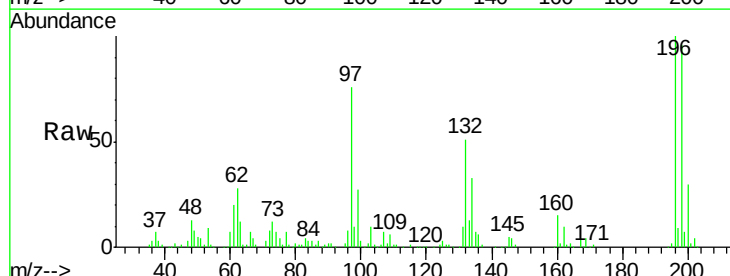
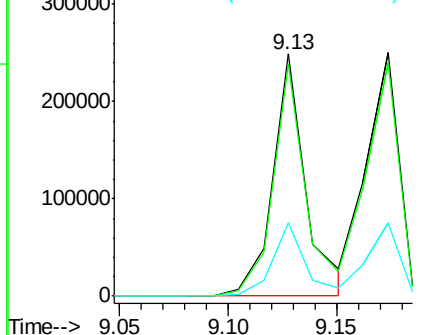
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

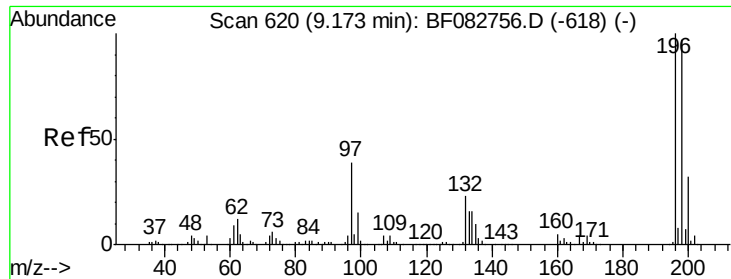


#42
 2,4,6-Trichlorophenol
 Concen: 32.70 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	265542		
198	96.1	76.3	114.5	
200	30.1	23.9	35.9	

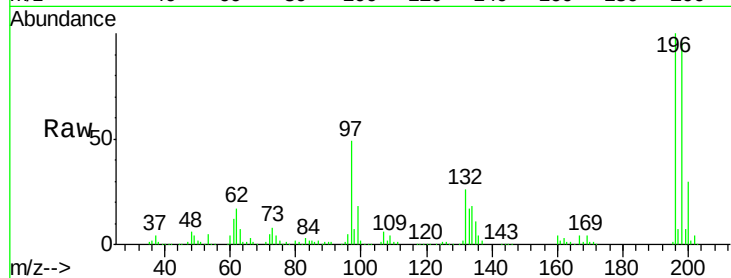
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 32.57 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

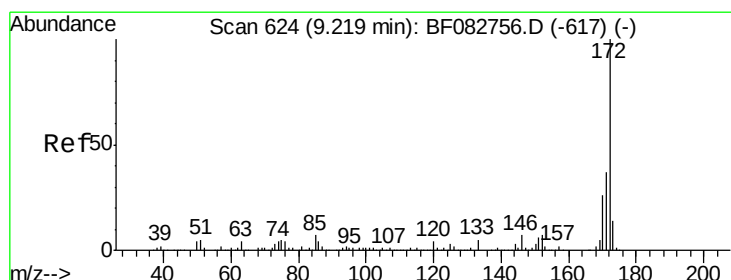
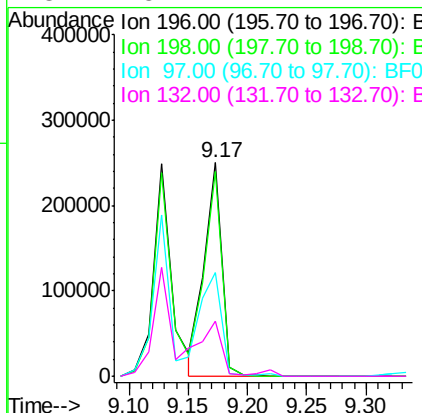
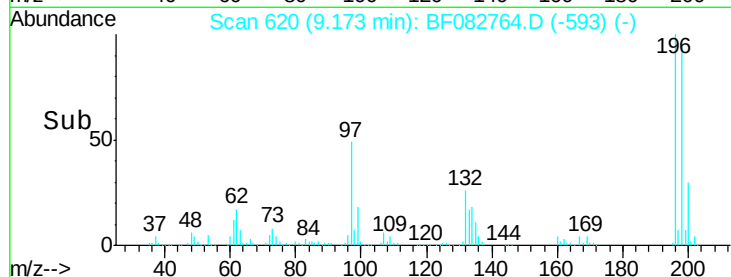
Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS



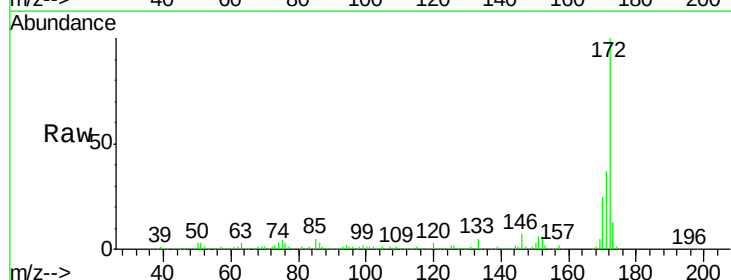
Tot Ion	Ratio	Resp	Lower	Upper
196	100	261597		
198	96.0	75.8	113.8	
97	48.5	62.3	93.5	
132	25.7	27.4	41.2	

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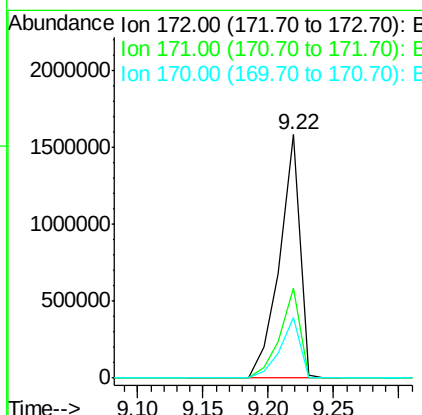
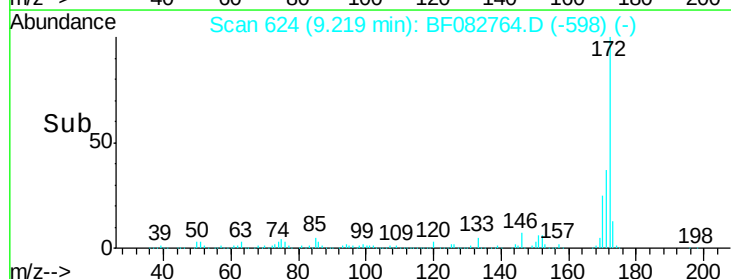
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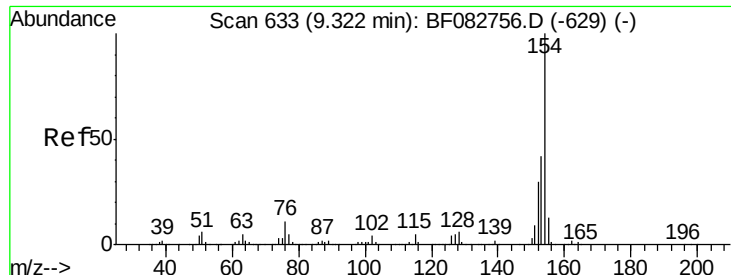


#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1706106		
171	37.2	30.8	46.2	
170	24.9	21.2	31.8	





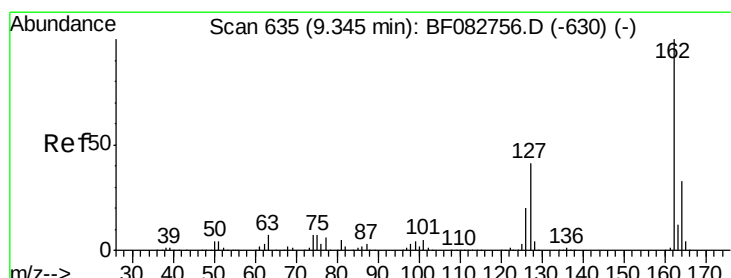
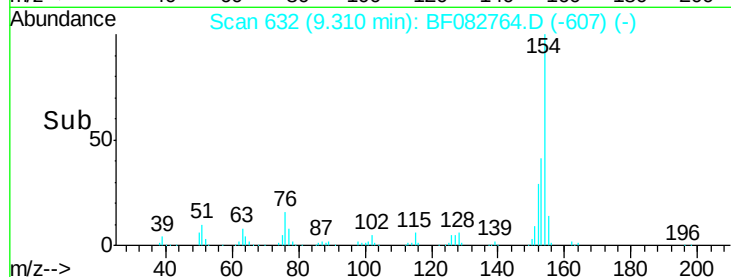
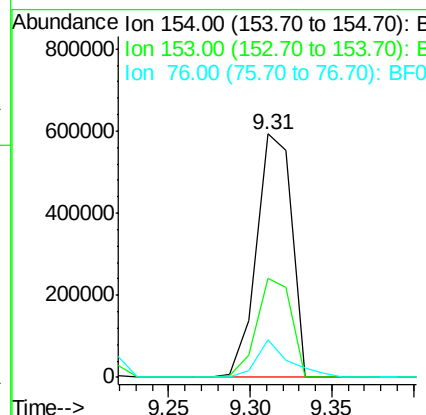
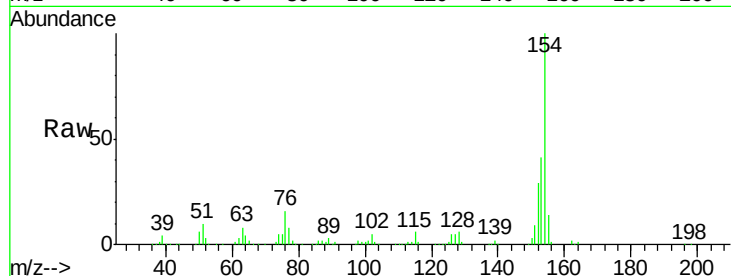
#45
 1,1'-Biphenyl
 Concen: 31.23 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.9	22.0	62.0	
76	15.5	0.0	29.0	

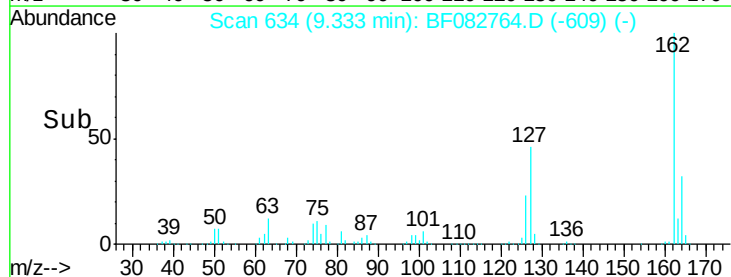
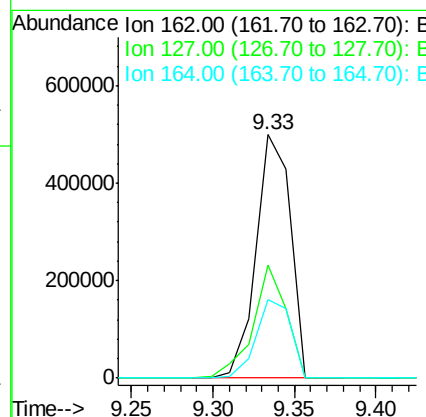
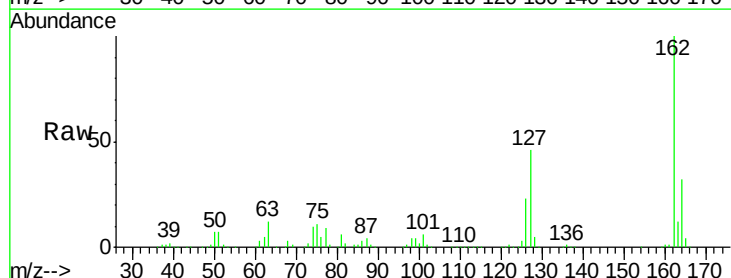
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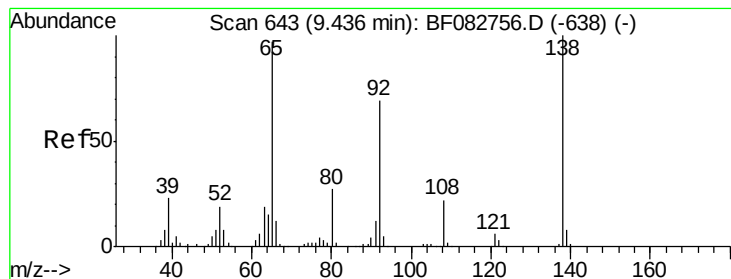
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#46
 2-Chloronaphthalene
 Concen: 32.82 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	46.2	32.7	49.1	
164	32.4	27.4	41.0	





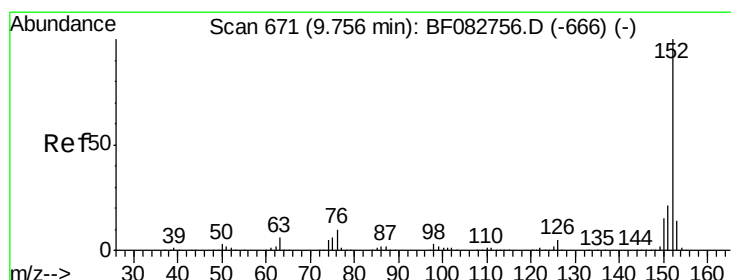
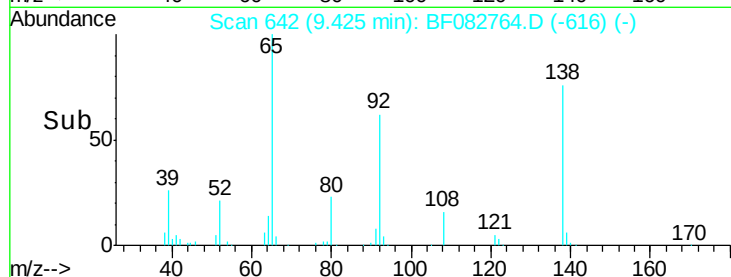
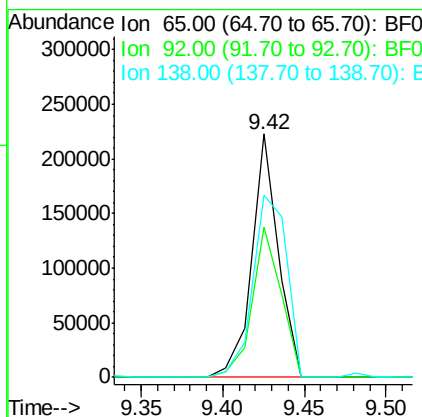
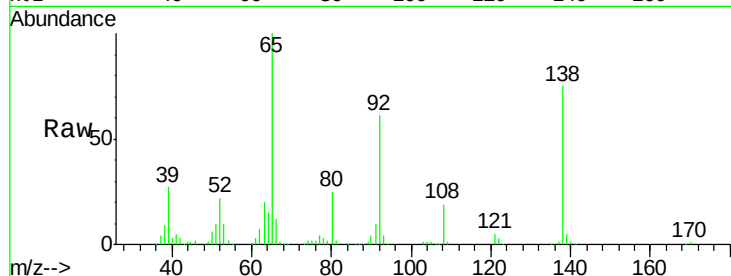
#47
2-Nitroaniline
Concen: 30.47 ng
RT: 9.42 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	46.6	70.0
138	74.6	54.6	81.8

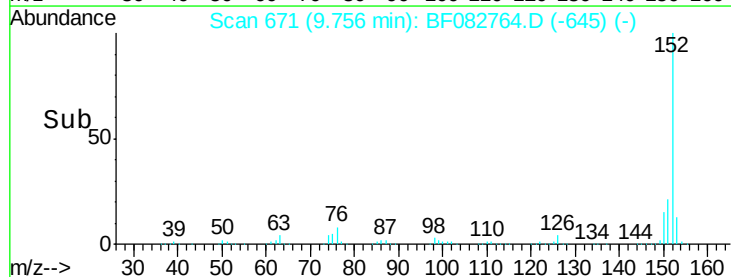
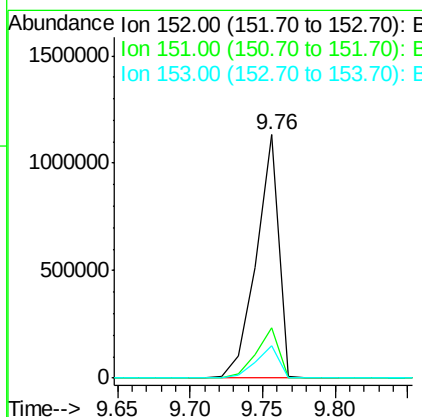
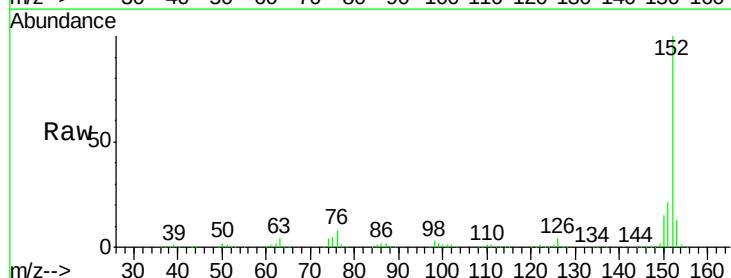
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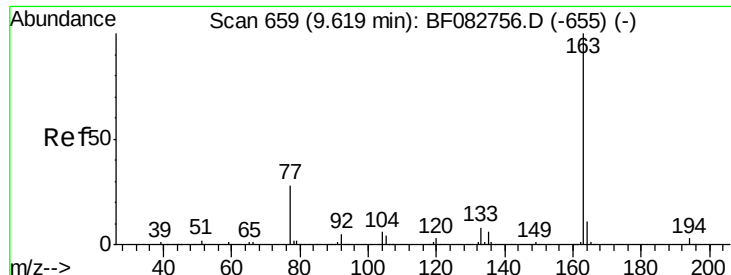
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#48
Acenaphthylene
Concen: 34.93 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.3	25.9
153	13.1	11.3	16.9





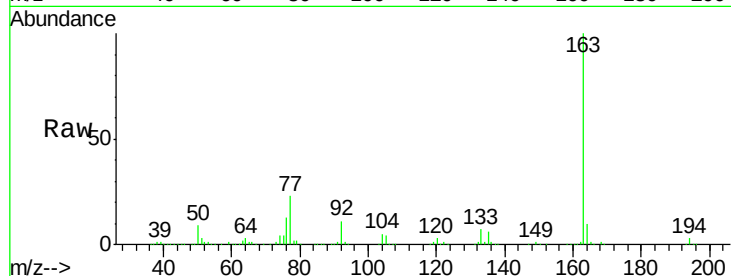
#49
Dimethylphthalate
Concen: 34.12 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.7	13.1

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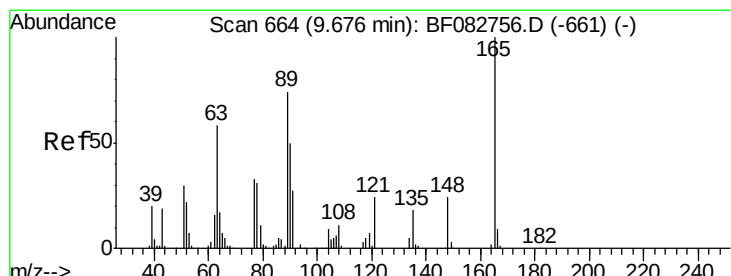
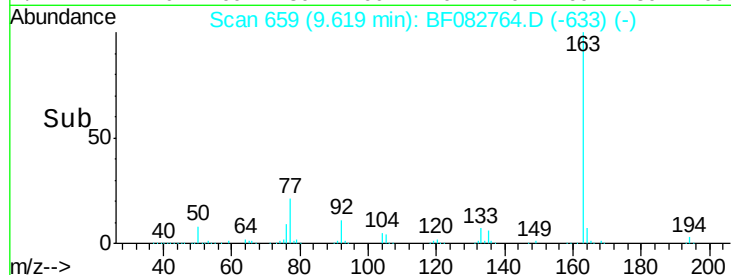
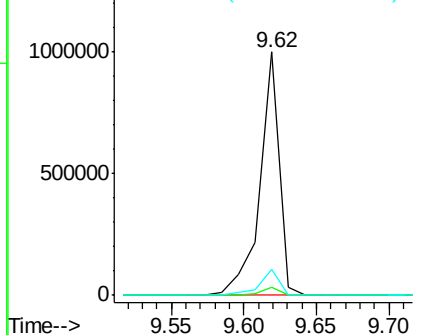


Abundance

Ion 163.00 (162.70 to 163.70): E

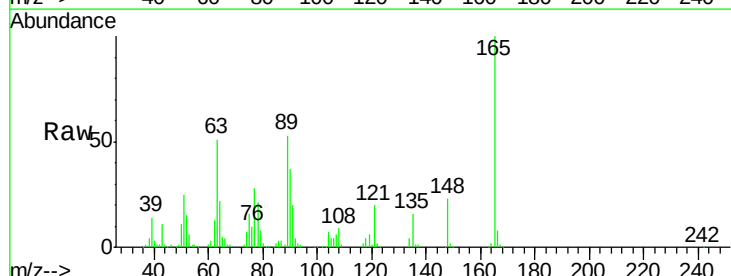
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 36.92 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	50.8	55.5	83.3#
89	53.5	55.0	82.6#

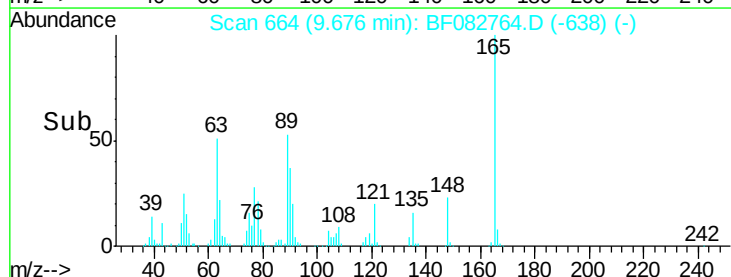
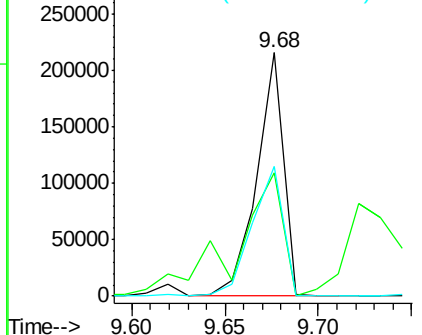


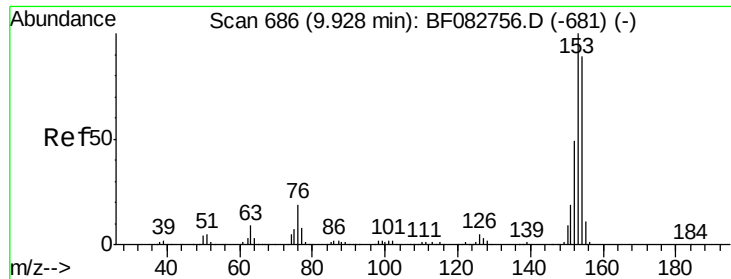
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.87 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

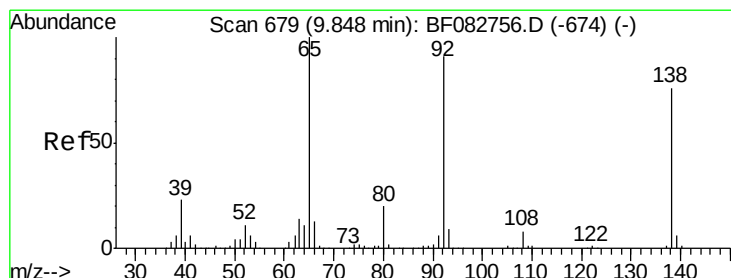
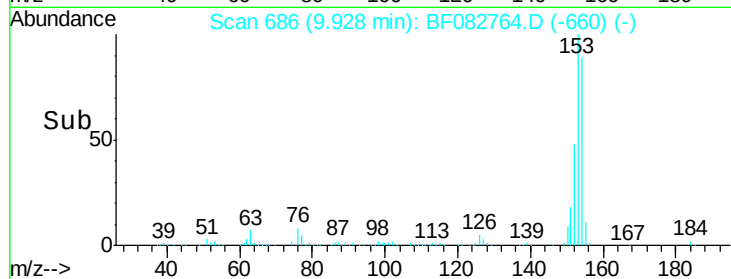
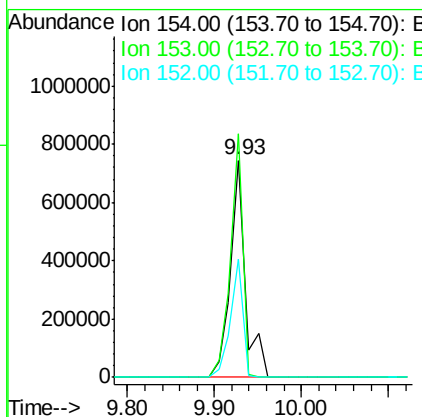
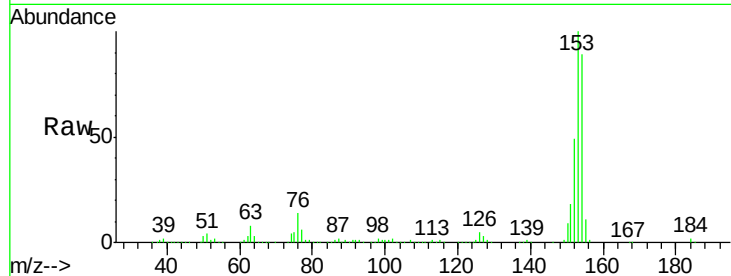
ClientSampleId :

PB86450BS

Tot Ion:	154	Resp:	899732
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.1	135.1
152	54.4	44.3	66.5

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#52

3-Nitroaniline

Concen: 17.36 ng

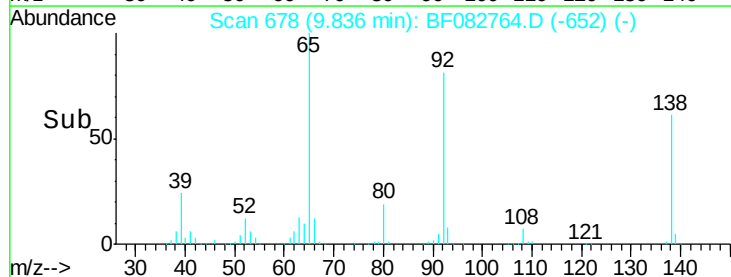
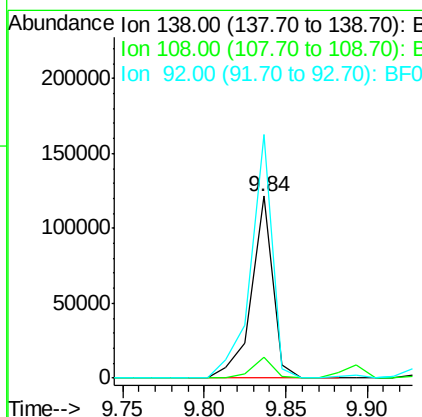
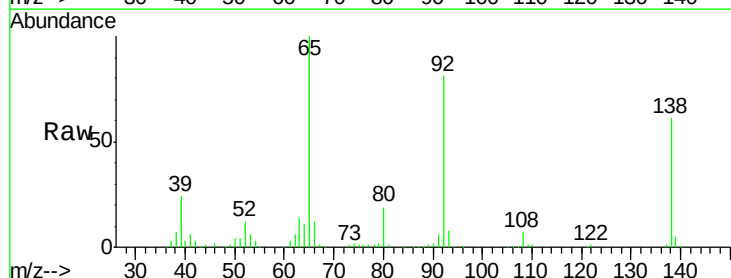
RT: 9.84 min Scan# 678

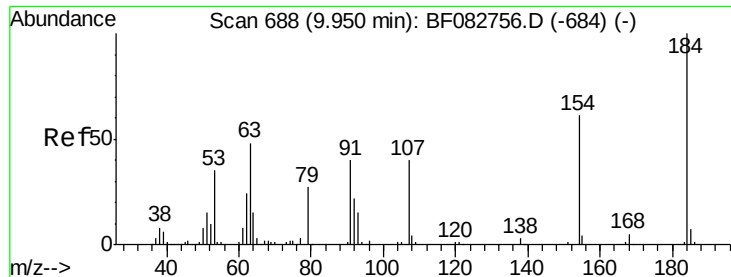
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	138	Resp:	110483
Ion Ratio	Lower	Upper	
138	100		
108	11.7	11.3	16.9
92	133.7	122.4	183.6





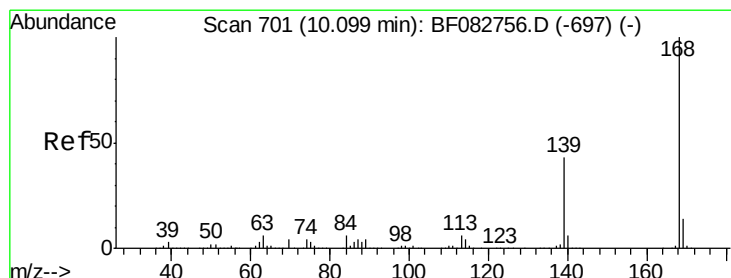
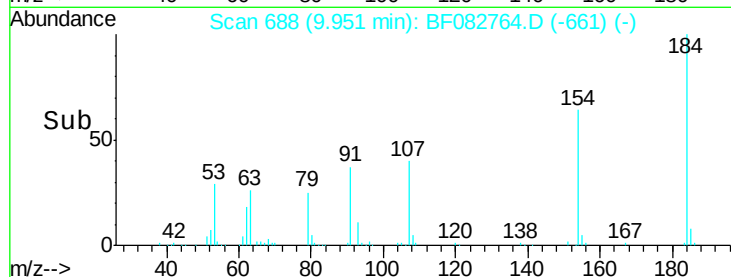
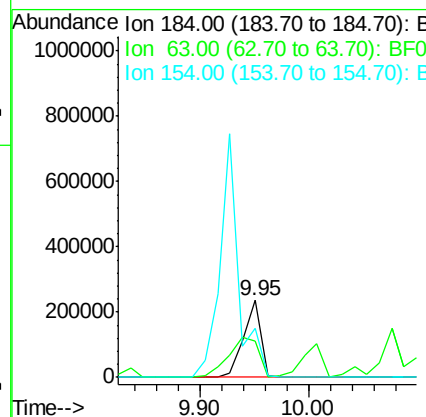
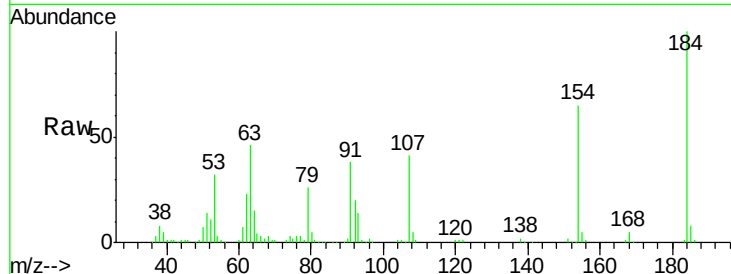
#53
 2,4-Dinitrophenol
 Concen: 80.60 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	256128		
63	46.3	98.6	148.0#	
154	64.6	183.9	275.9#	

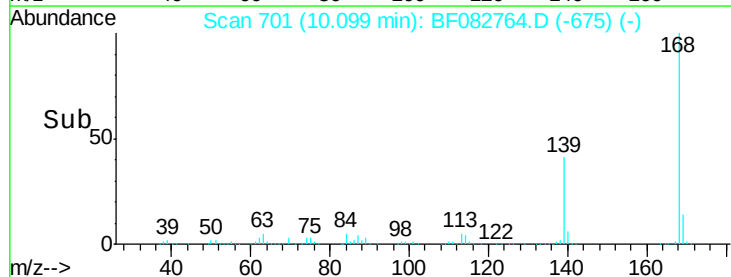
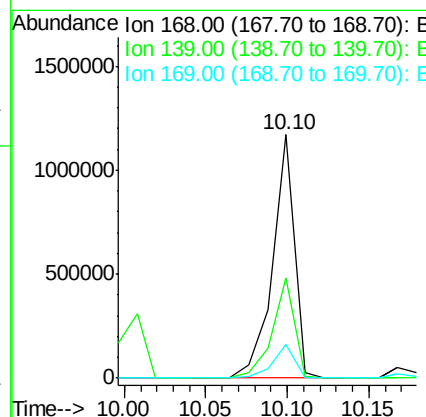
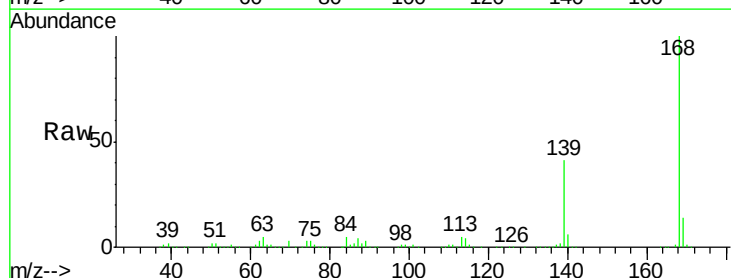
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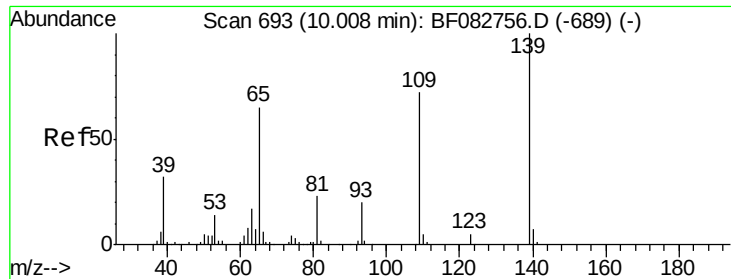
Mmdadoda
 11/9/2015 2:10:21 PM



#54
 Dibenzofuran
 Concen: 36.74 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1090294		
139	41.3	37.8	56.6	
169	13.7	11.3	16.9	





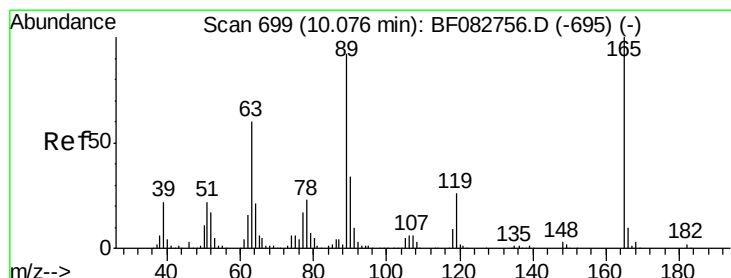
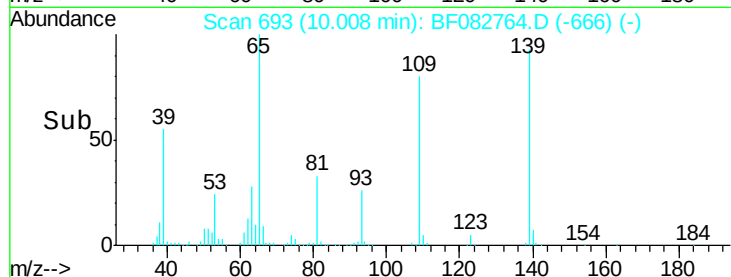
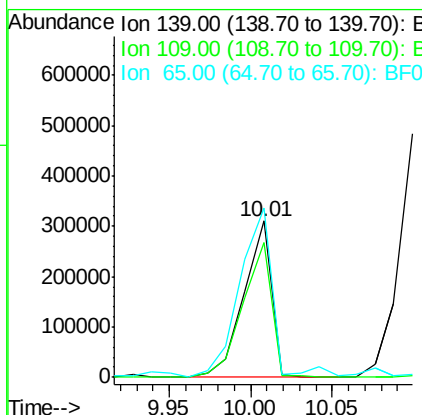
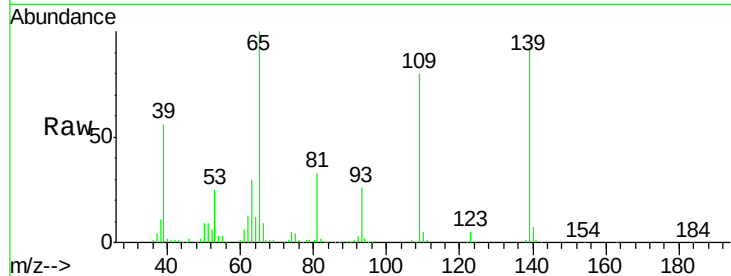
#55
4-Nitrophenol
Concen: 75.13 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	366900		
109	86.1	73.7	113.7	
65	108.3	82.9	122.9	

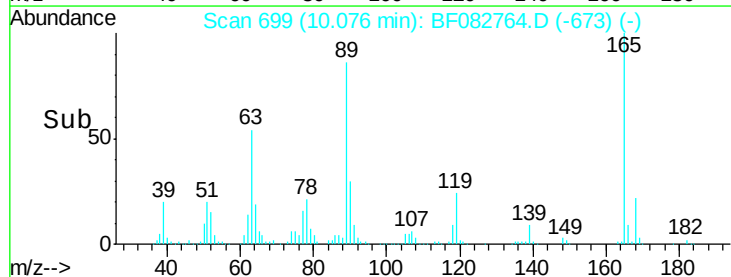
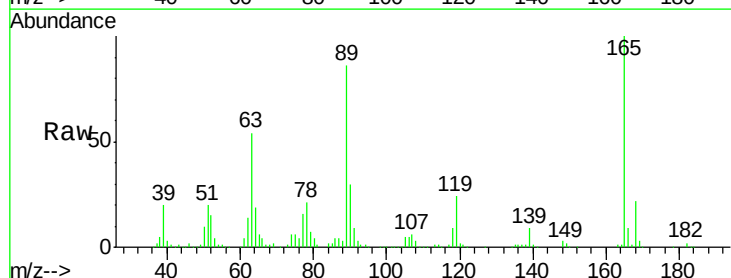
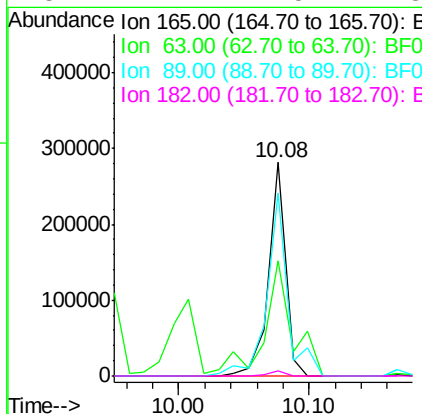
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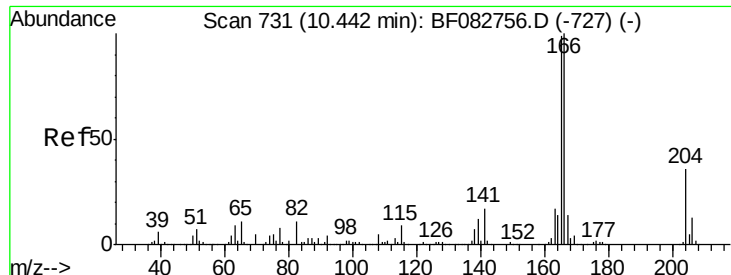
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#56
2,4-Dinitrotoluene
Concen: 33.05 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259556		
63	53.9	43.4	65.0	
89	85.7	70.6	106.0	
182	2.2	1.5	2.3	





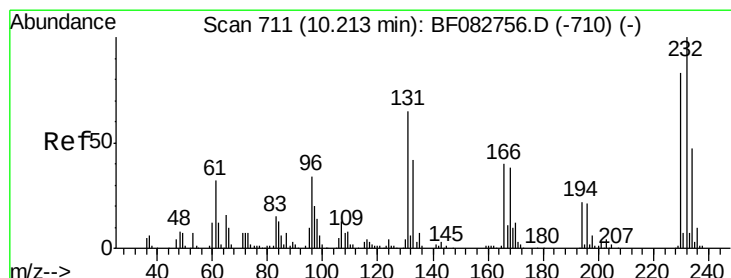
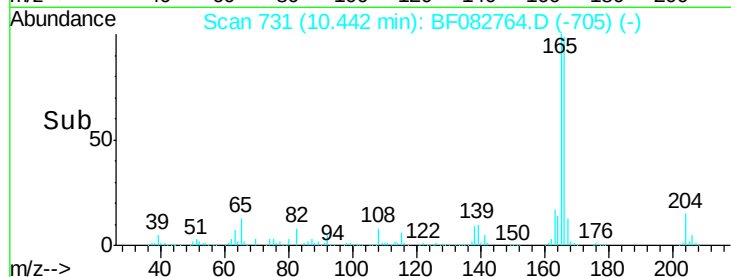
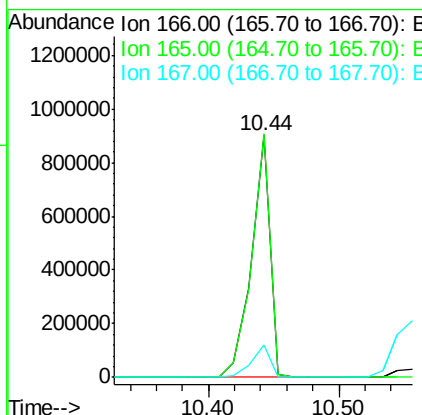
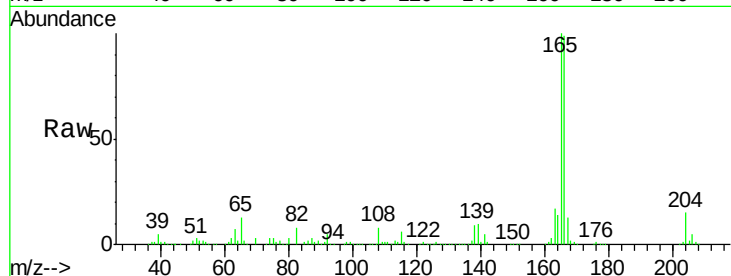
#57
 Fluorene
 Concen: 37.15 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	892810		
165	100.6	80.2	120.4	
167	13.3	11.2	16.8	

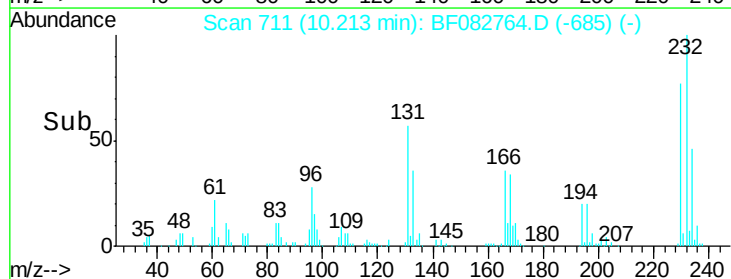
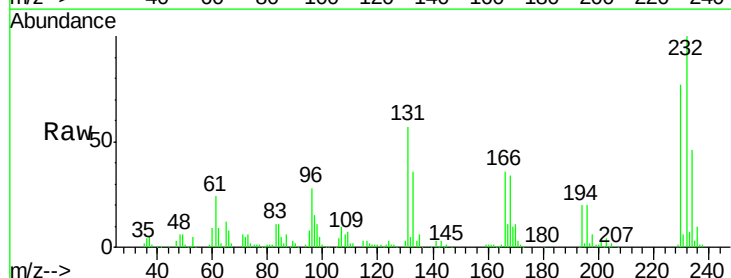
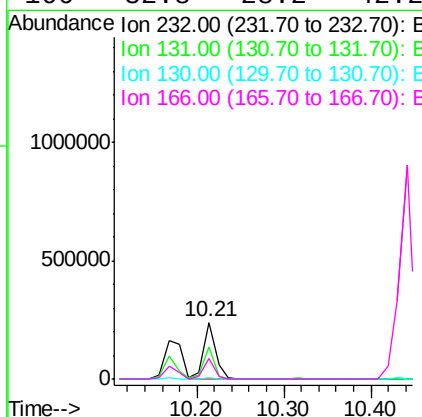
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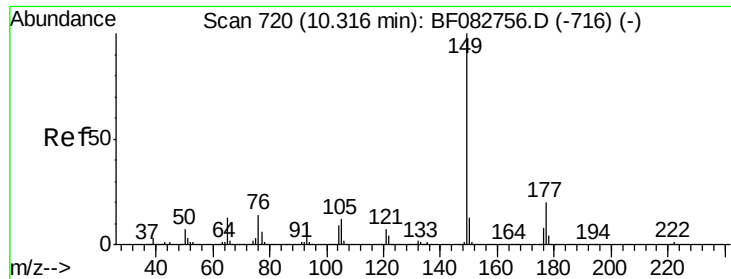
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.10 ng
 RT: 10.21 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	230074		
131	50.3	46.2	69.2	
130	2.5	2.4	3.6	
166	32.8	28.2	42.2	





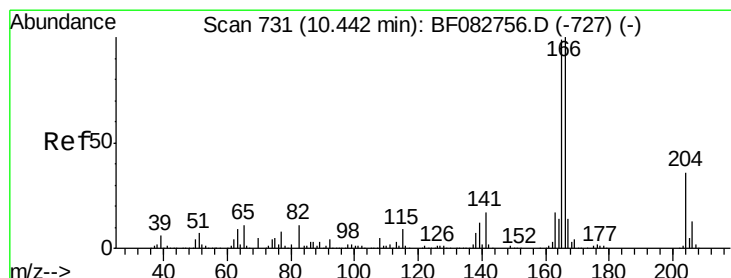
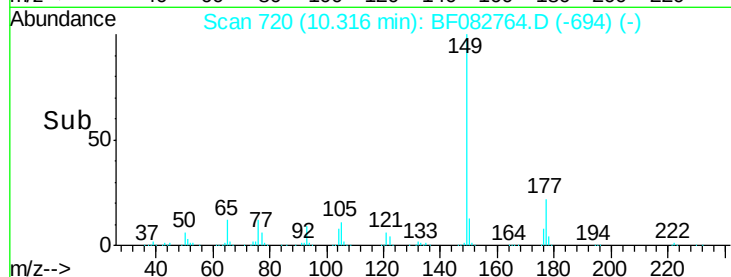
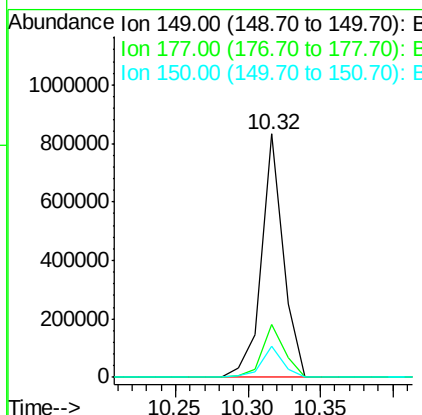
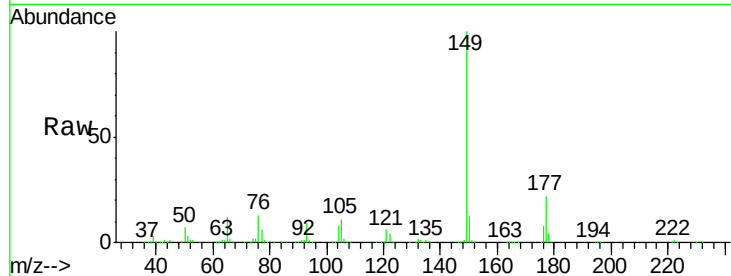
#59
Diethylphthalate
Concen: 32.68 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	865473		
177	21.8	17.9	26.9	
150	12.7	10.1	15.1	

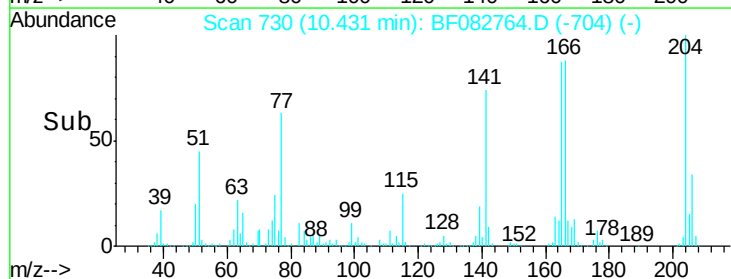
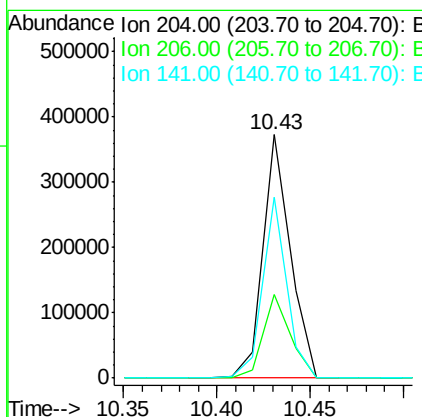
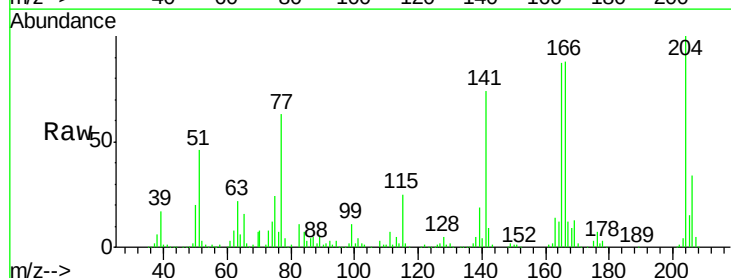
Manual Integrations
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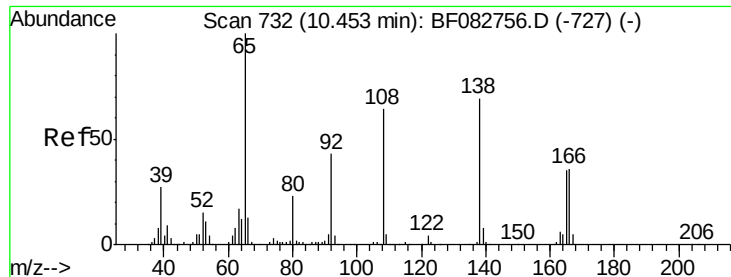
Mmdadoda
11/9/2015 2:10:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 31.42 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	377826		
206	34.1	28.5	42.7	
141	74.3	44.6	66.8	





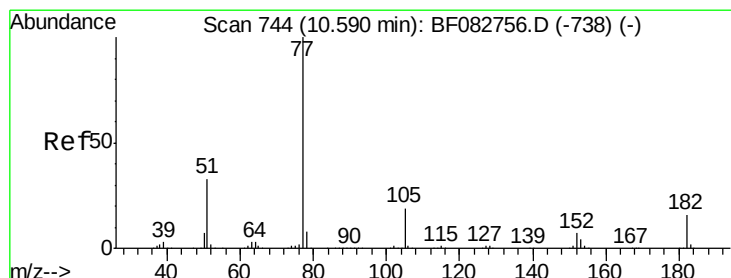
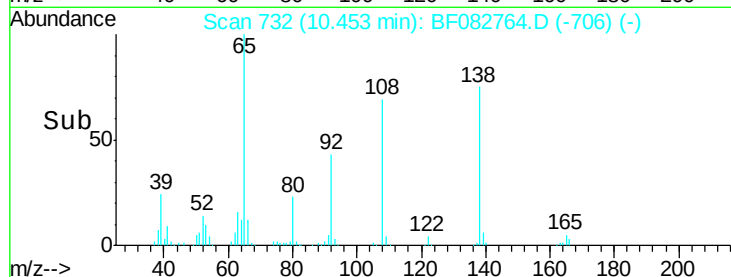
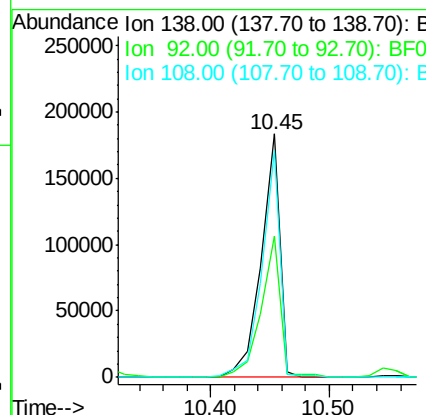
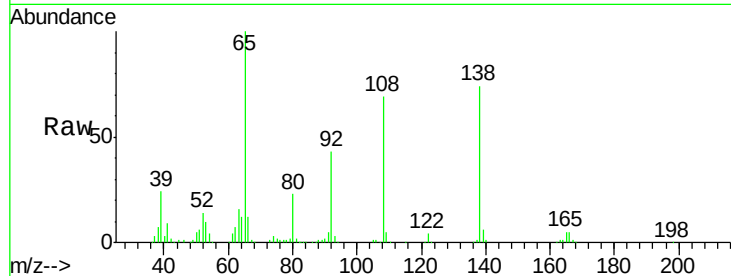
#61
4-Nitroaniline
Concen: 31.83 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	203750		
92	57.8	45.8	85.8	
108	93.1	89.4	129.4	

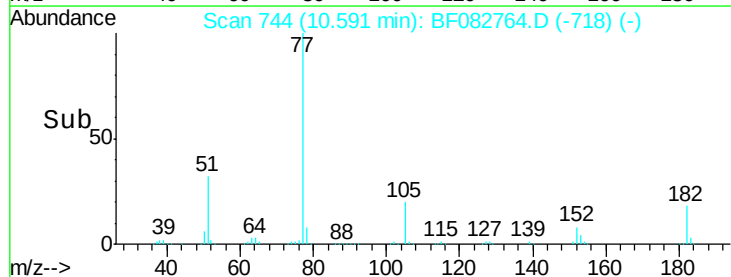
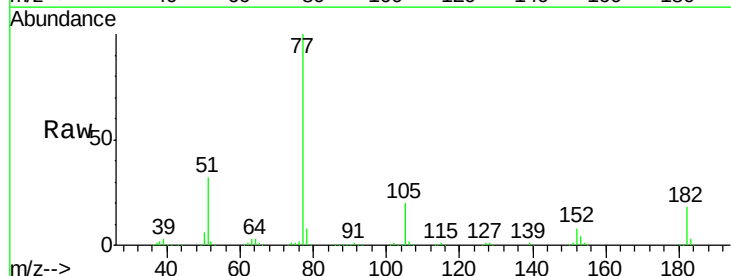
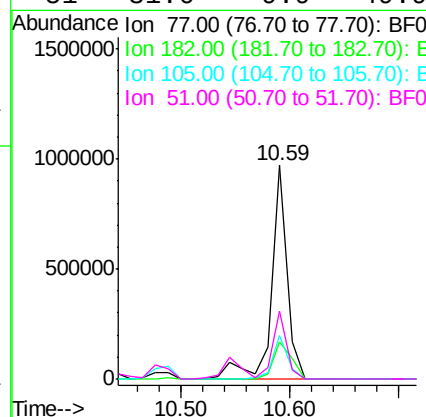
Manual Integrations
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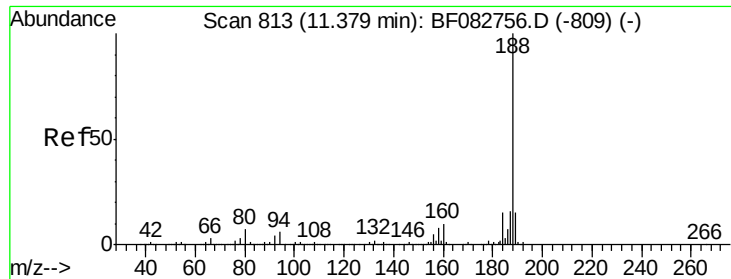
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#62
Azobenzene
Concen: 34.75 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	988661		
182	17.7	9.3	49.3	
105	20.4	2.6	42.6	
51	31.6	9.9	49.9	





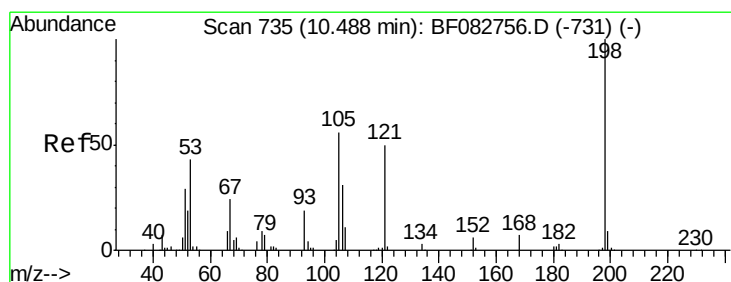
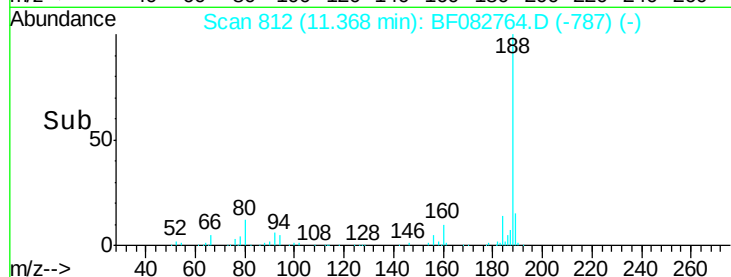
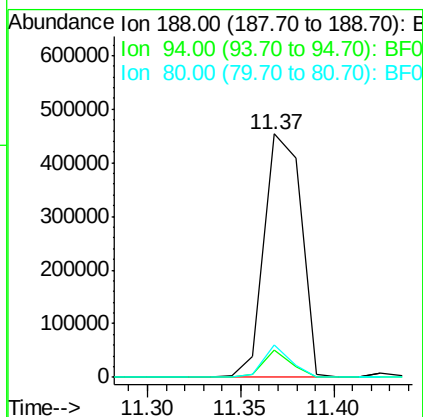
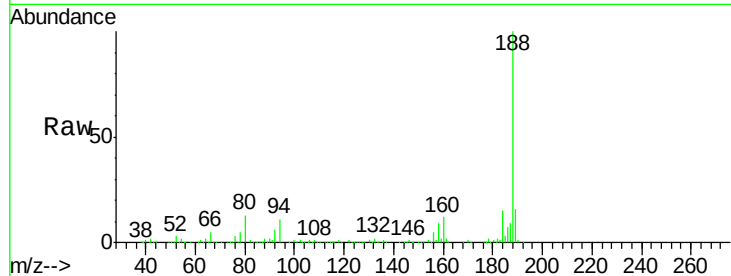
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	625026		
94	11.2	6.1	9.1#	
80	13.2	7.0	10.6#	

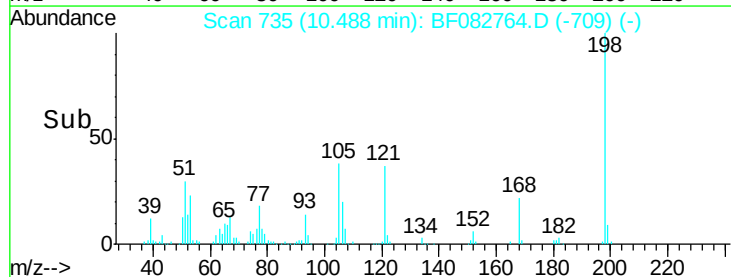
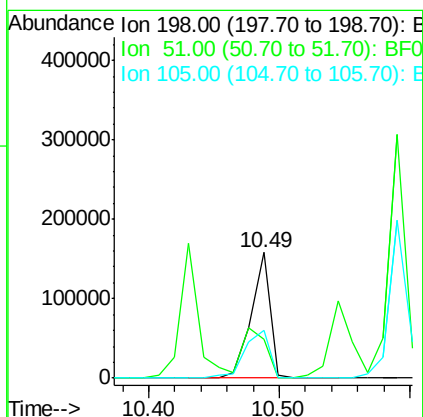
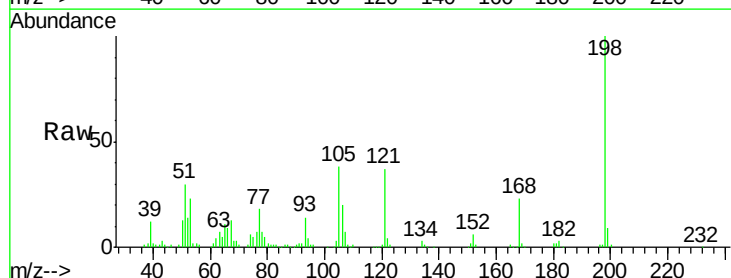
Manual Integrations
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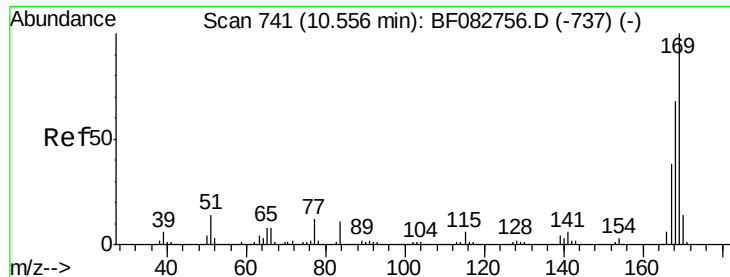
Mmdadoda
11/9/2015 2:10:21 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 36.03 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	160455		
51	30.4	17.3	57.3	
105	38.4	21.7	61.7	





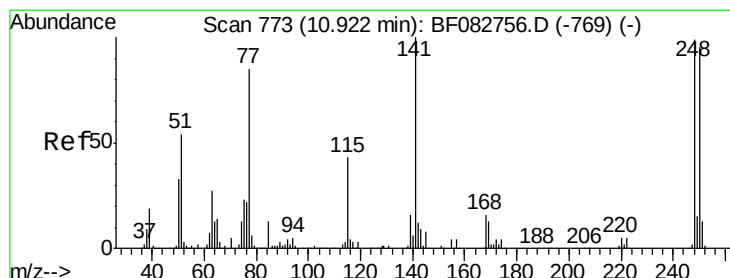
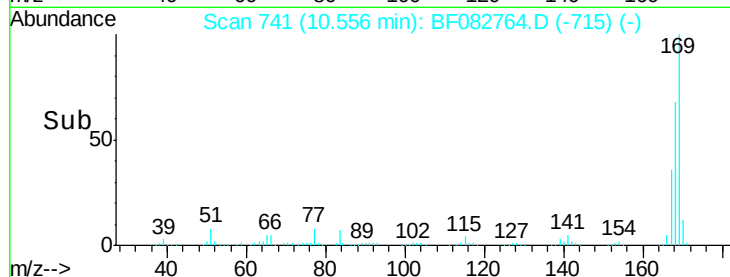
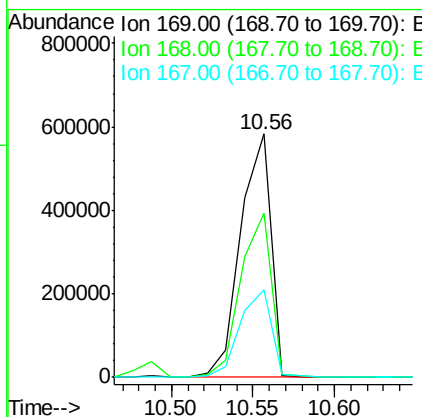
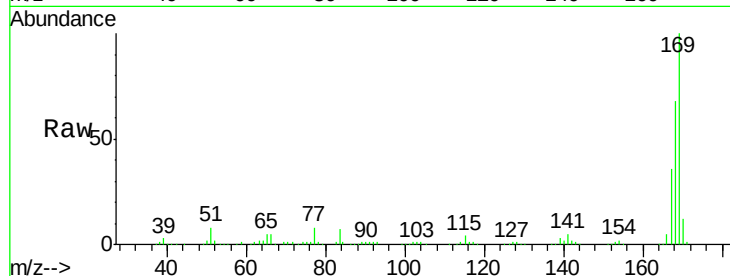
#65
n-Nitrosodiphenylamine
Concen: 33.11 ng
RT: 10.56 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	747686		
168	67.5	55.0	82.6	
167	36.1	30.5	45.7	

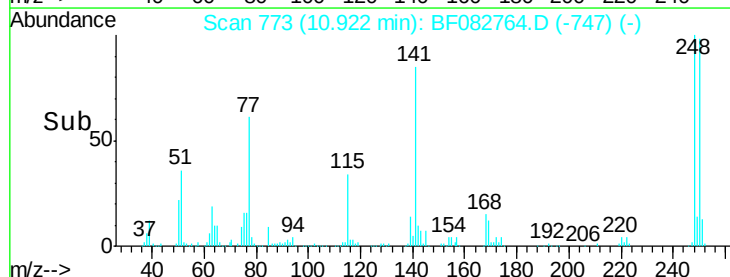
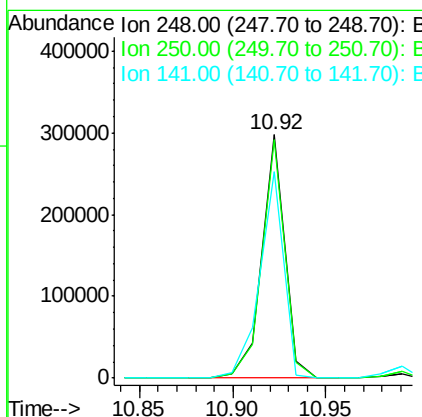
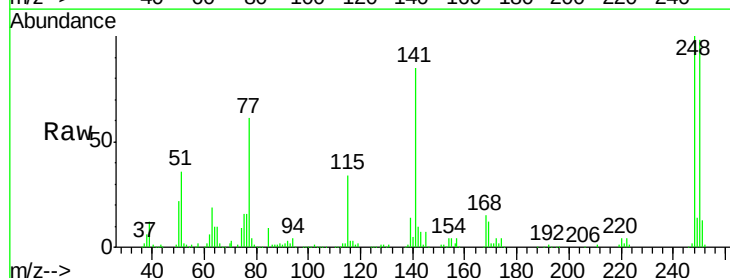
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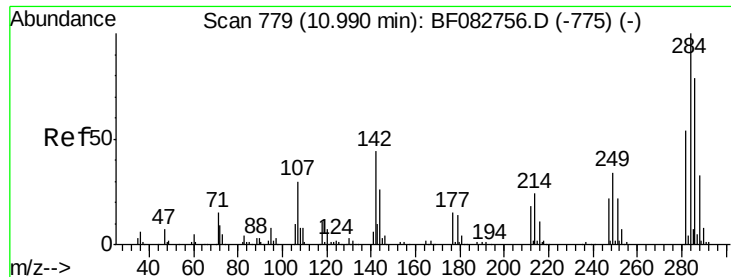
Mmdadoda
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#66
4-Bromophenyl-phenylether
Concen: 33.39 ng
RT: 10.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	251273		
250	98.0	79.4	119.2	
141	84.7	36.3	54.5	





#67

Hexachlorobenzene

Concen: 34.16 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

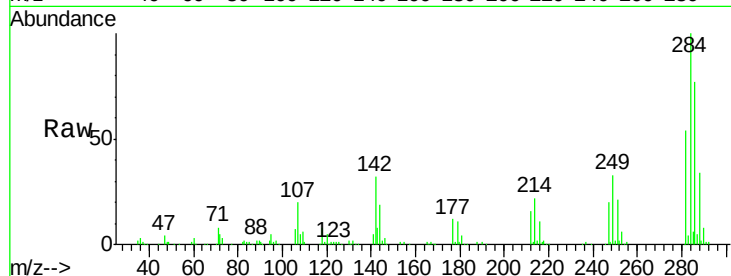
ClientSampleId :

PB86450BS

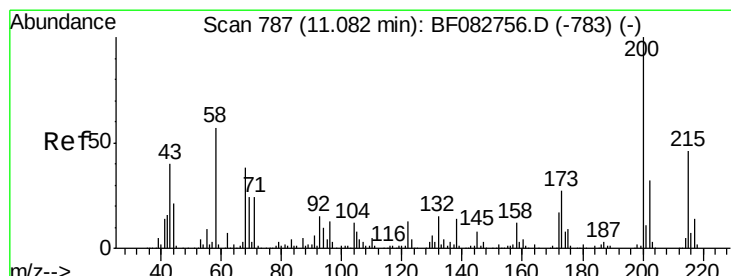
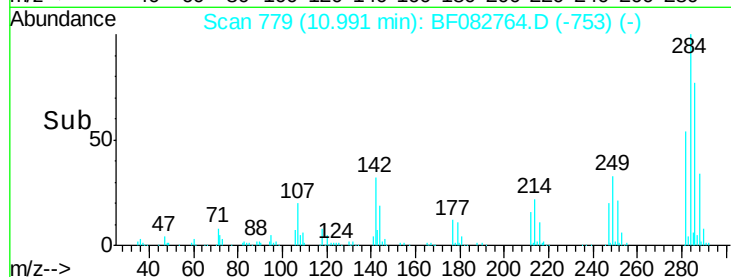
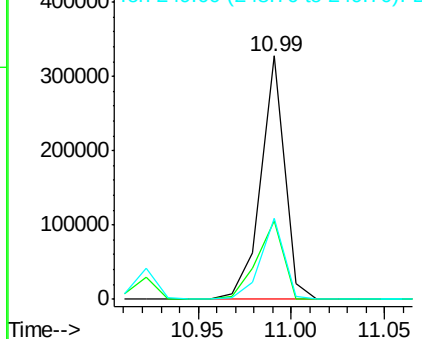
Tot Ion:	284	Resp:	287087
Ion Ratio		Lower	Upper
284	100		
142	32.5	47.9	71.9#
249	33.1	29.7	44.5

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



#68

Atrazine

Concen: 40.47 ng

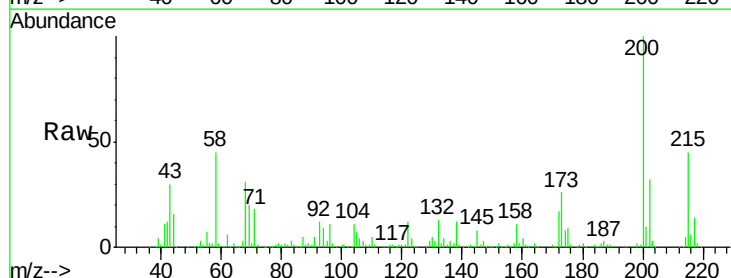
RT: 11.08 min Scan# 787

Delta R.T. 0.00 min

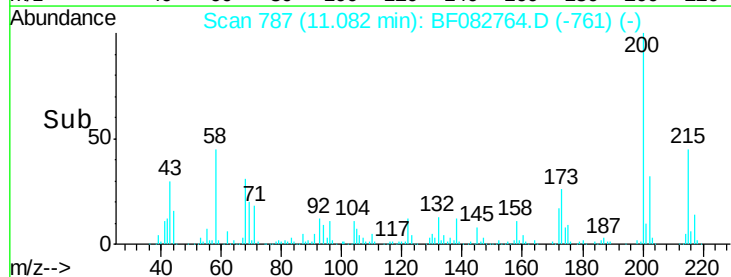
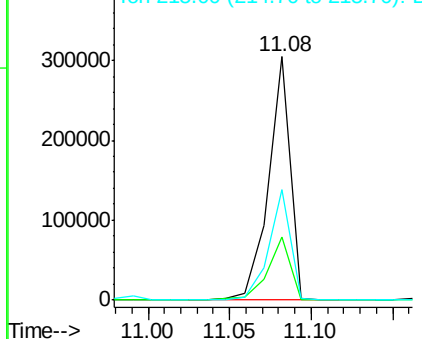
Lab File: BF082764.D

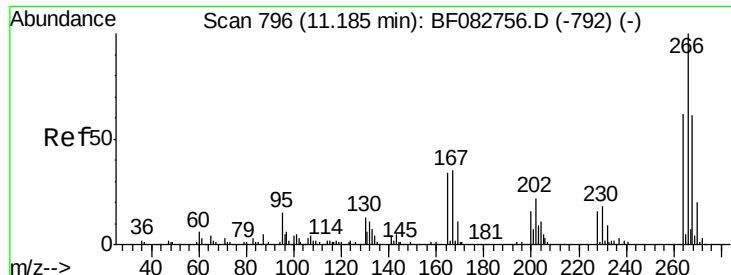
Acq: 6 Nov 2015 16:34

Tgt Ion:	200	Resp:	282598
Ion Ratio		Lower	Upper
200	100		
173	26.1	6.9	46.9
215	45.4	22.9	62.9



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





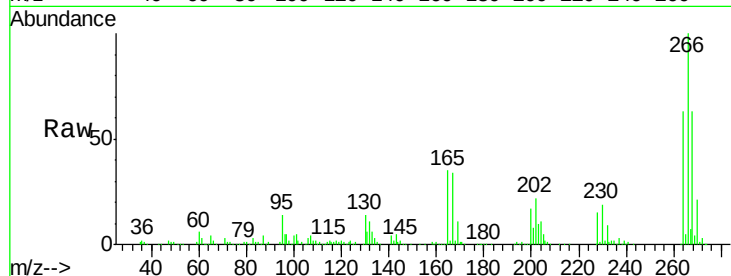
#69
 Pentachlorophenol
 Concen: 73.11 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

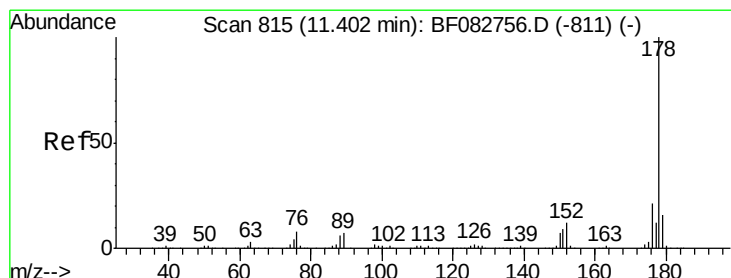
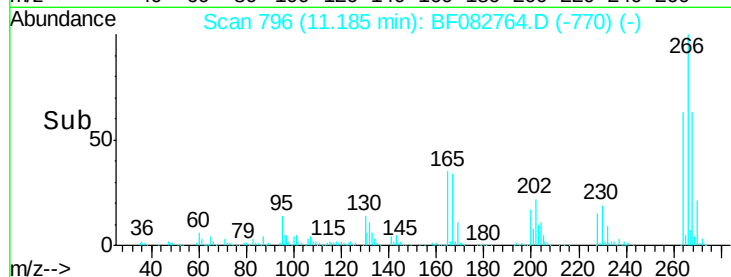
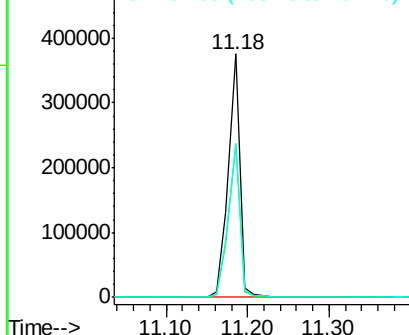
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.8	51.0	76.6
264	63.1	50.6	75.8

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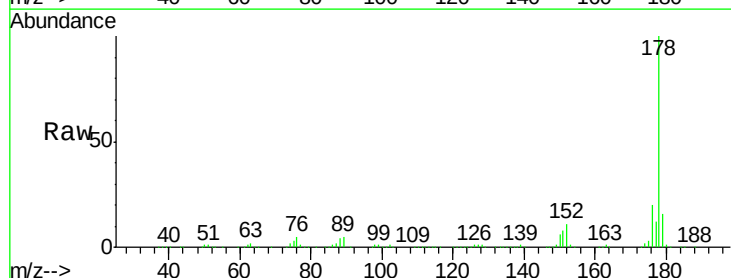


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

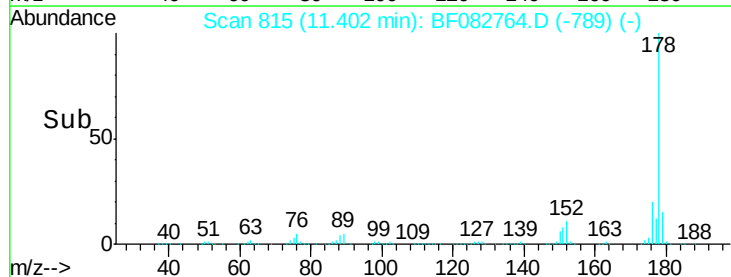
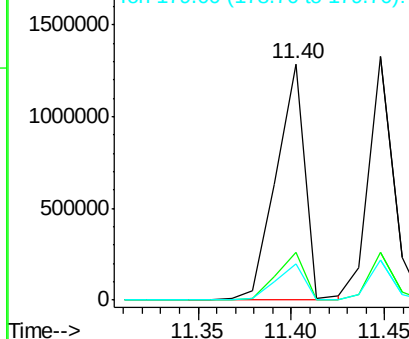


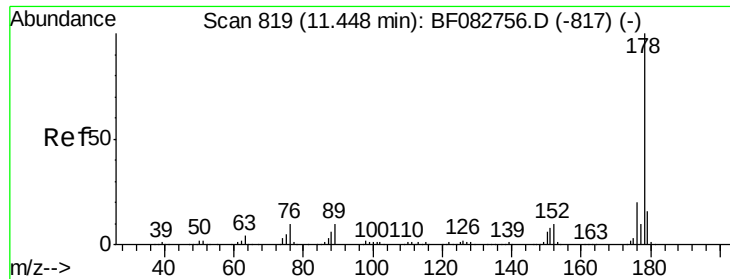
#70
 Phenanthrene
 Concen: 37.85 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	17.0	25.4
179	15.5	13.4	20.0



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





#71

Anthracene

Concen: 31.22 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion:178 Resp: 1193554

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.5	24.7
179	16.4	13.2	19.8

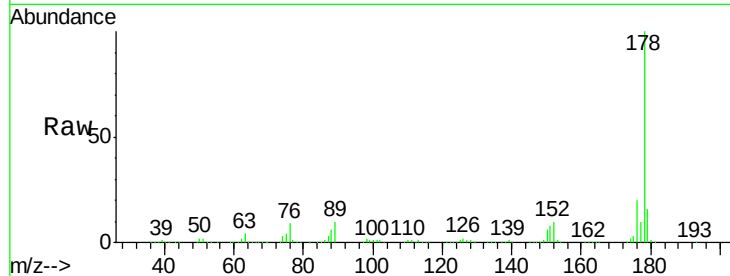
178 100

176 19.9 16.5 24.7

179 16.4 13.2 19.8

Manual Integrations
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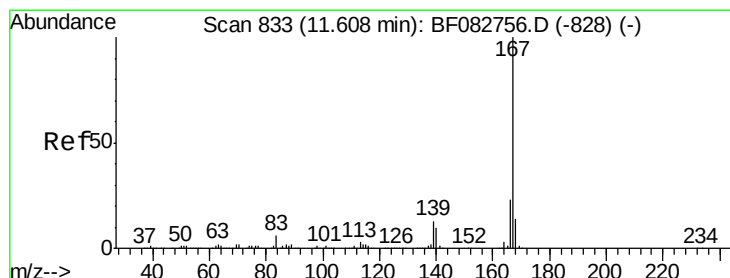
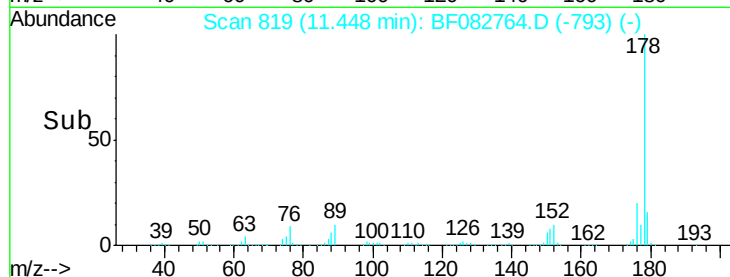
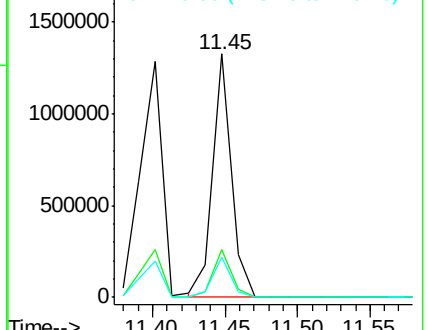
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 34.80 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

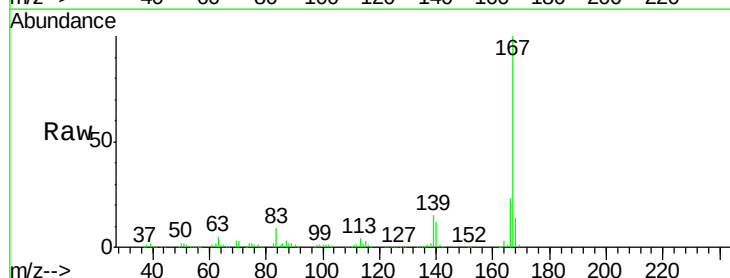
Tgt Ion:167 Resp: 1164743

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	14.7	11.8	17.6

167 100

166 22.5 18.7 28.1

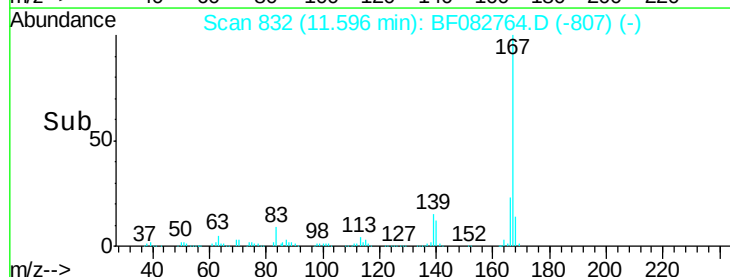
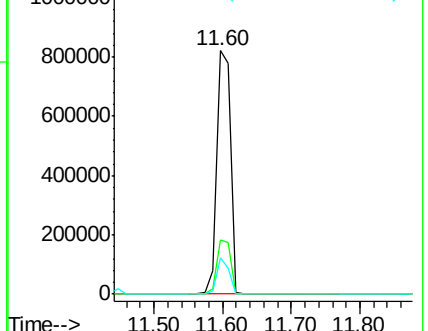
139 14.7 11.8 17.6

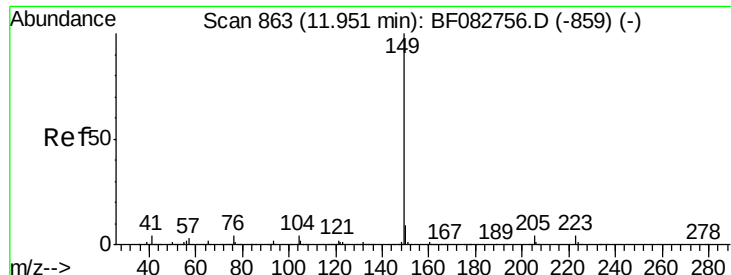


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 31.93 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion:149 Resp: 1331360

Ion Ratio Lower Upper

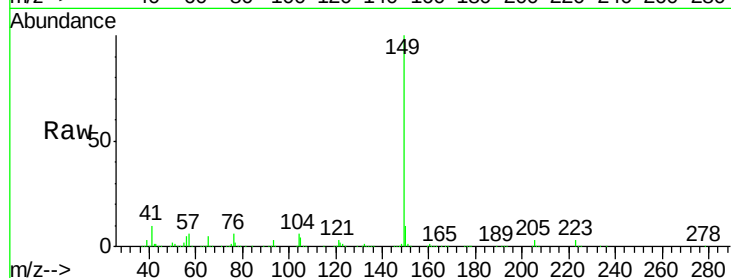
149 100

150 9.7 8.1 12.1

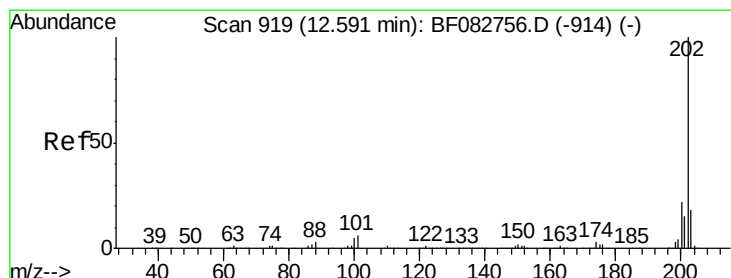
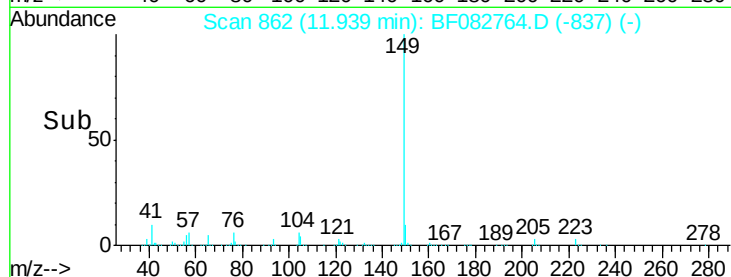
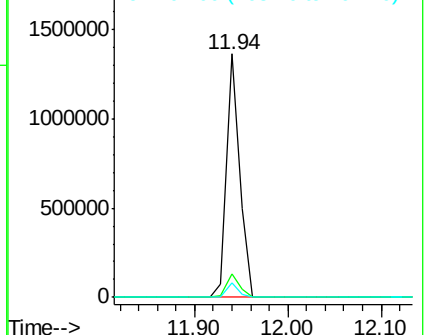
104 6.1 5.2 7.8

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.18 ng

RT: 12.58 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

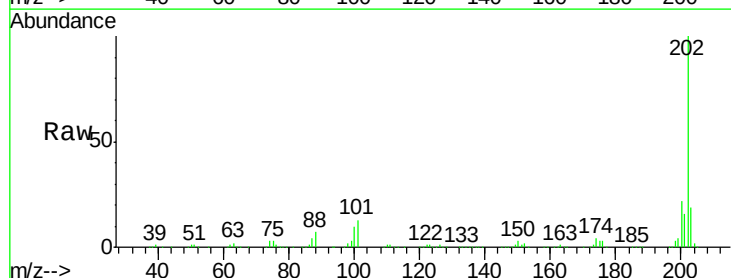
Tgt Ion:202 Resp: 1253526

Ion Ratio Lower Upper

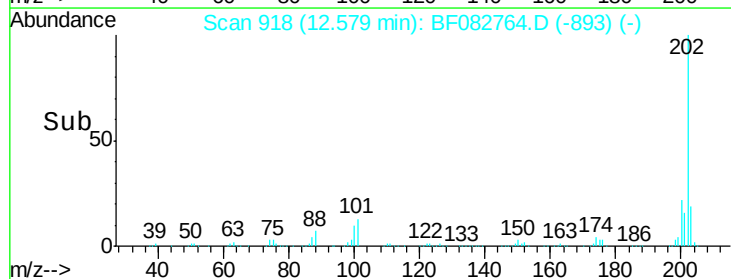
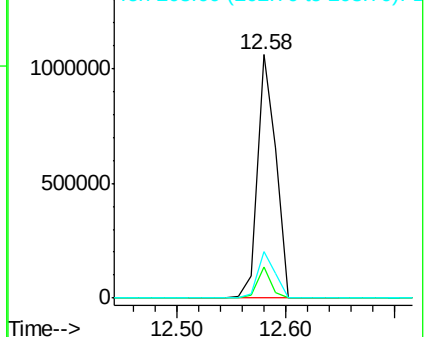
202 100

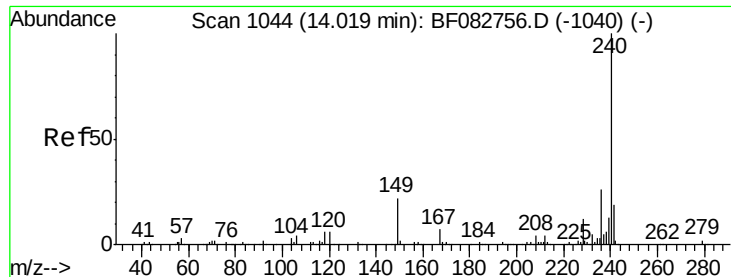
101 12.7 0.0 30.5

203 18.9 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

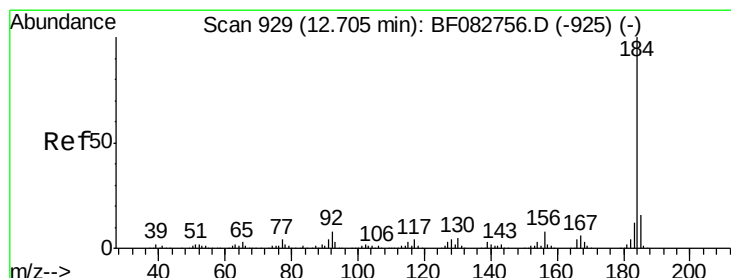
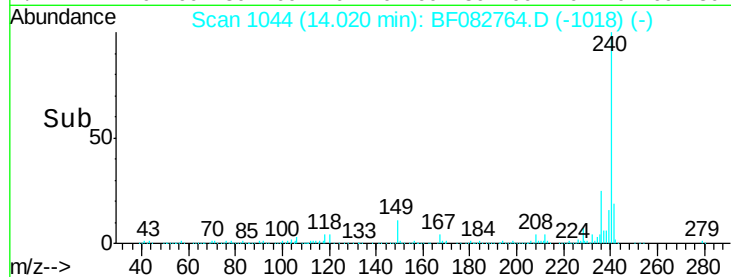
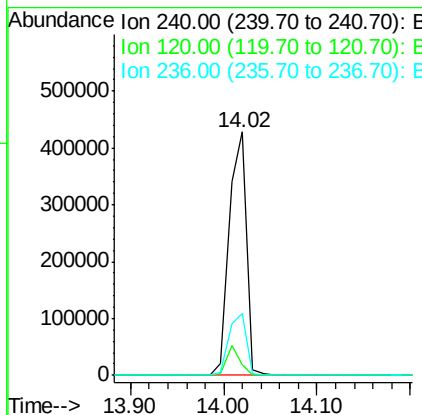
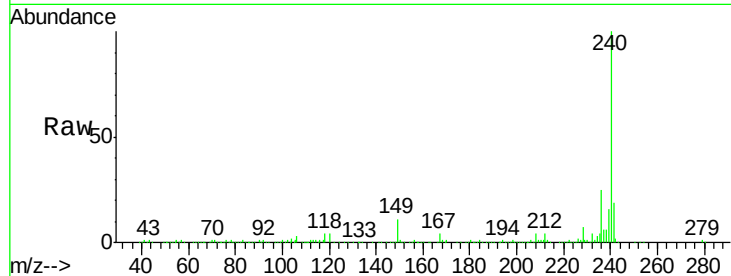
ClientSampleId :

PB86450BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.2	10.9	16.3#
236	25.5	21.6	32.4

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#76

Benzidine

Concen: 24.20 ng

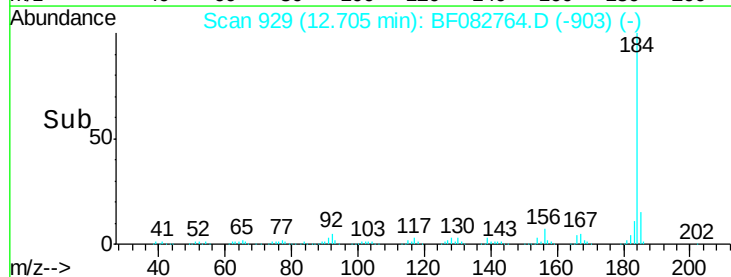
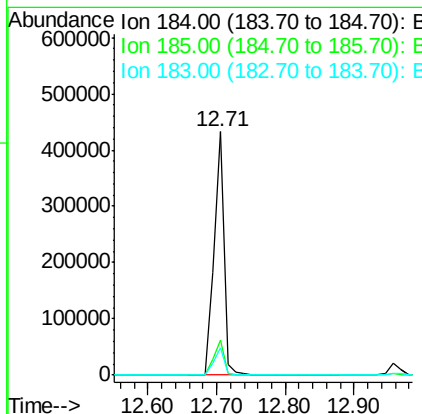
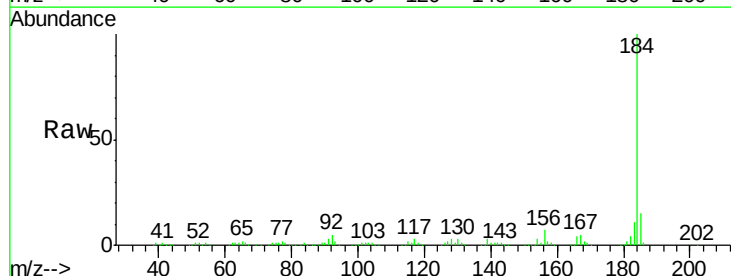
RT: 12.71 min Scan# 929

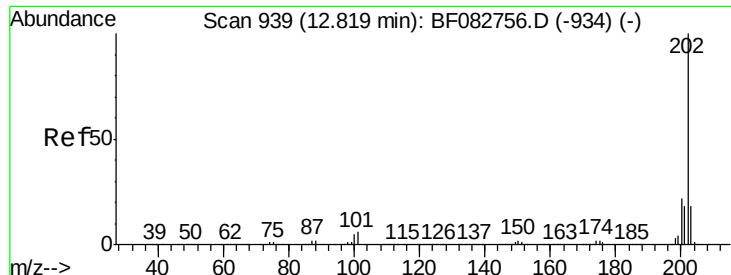
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.0	18.0
183	11.2	9.6	14.4





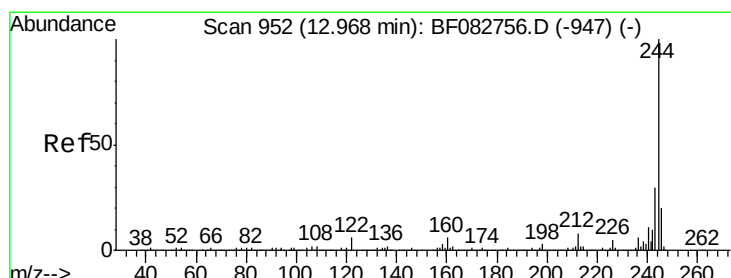
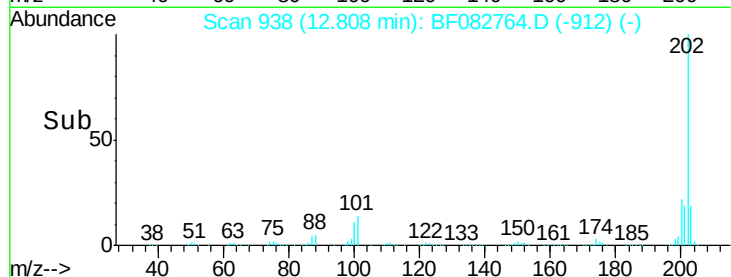
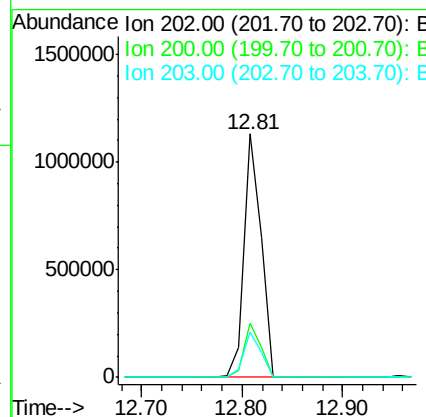
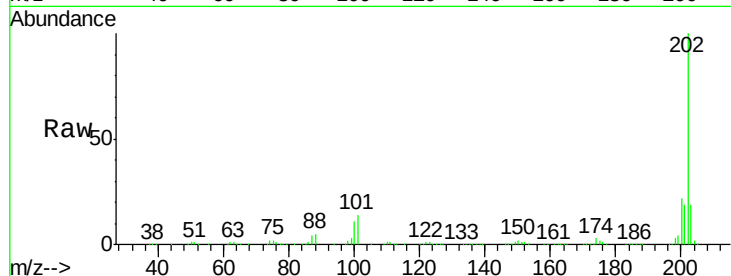
#77
Pvrene
Concen: 35.02 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.7	28.1
203	18.7	14.8	22.2

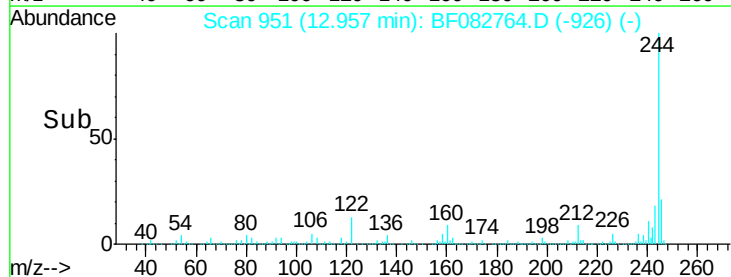
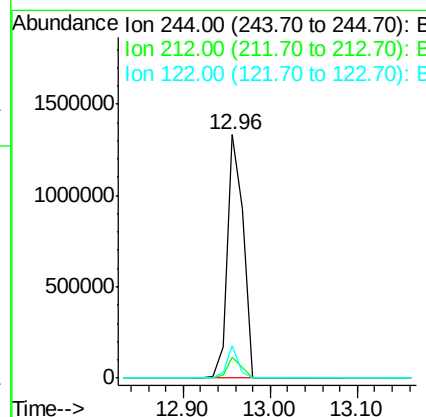
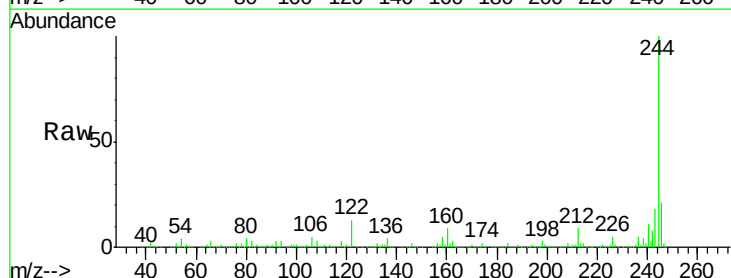
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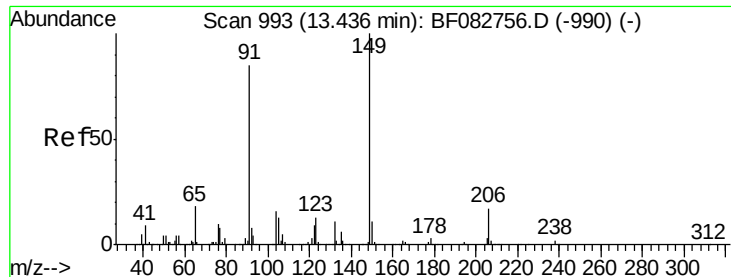
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#78
Terphenyl-d14
Concen: 71.86 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	13.5	11.3	16.9





#79

Butylbenzylphthalate

Concen: 35.86 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

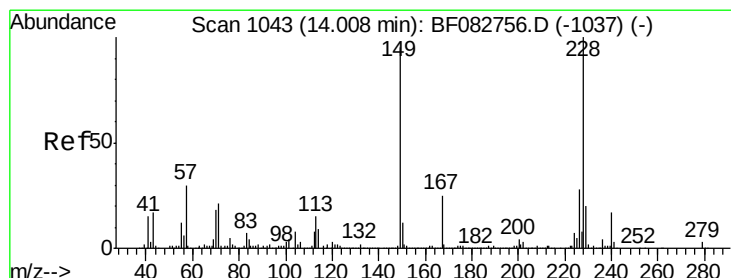
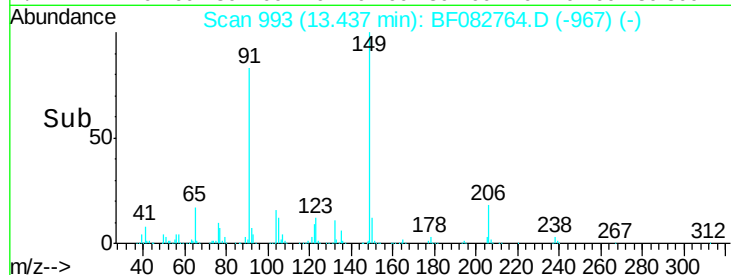
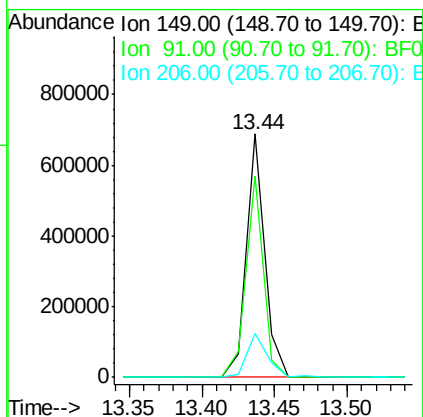
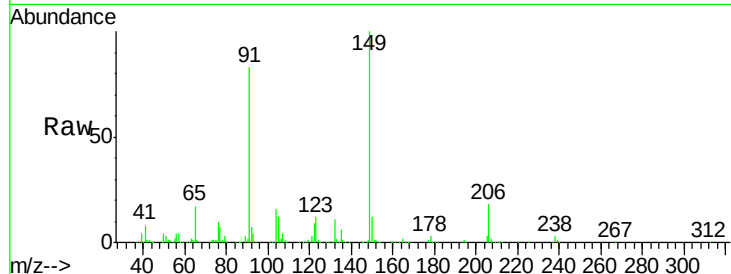
ClientSampleId :

PB86450BS

Tot Ion:	149	Resp:	601789
Ion Ratio	Lower	Upper	
149	100		
91	82.6	67.7	101.5
206	17.9	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 37.19 ng

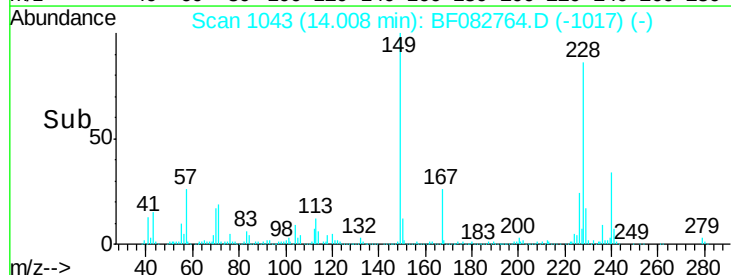
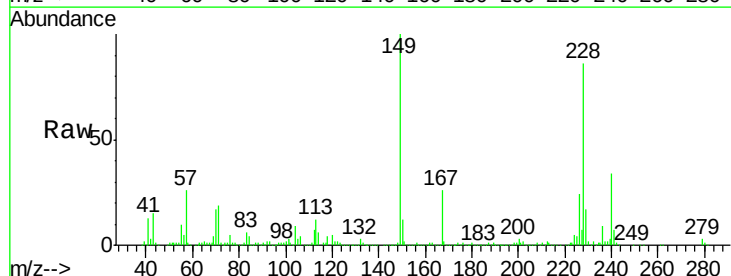
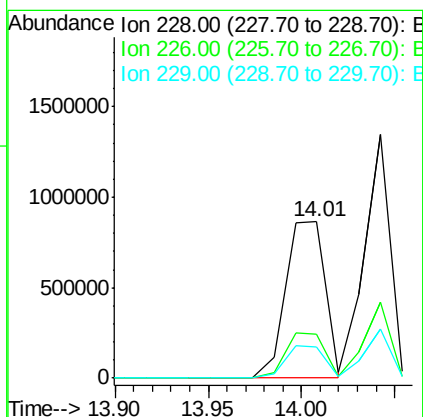
RT: 14.01 min Scan# 1043

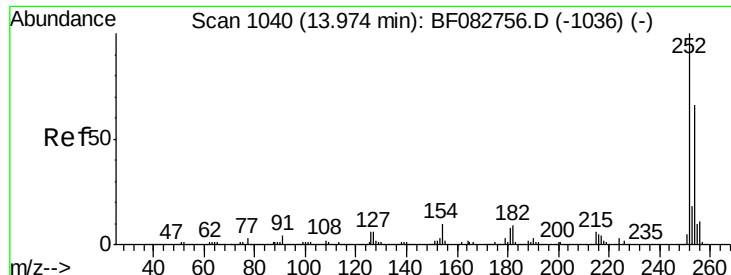
Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:	228	Resp:	1286406
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.4	35.2
229	19.8	16.3	24.5





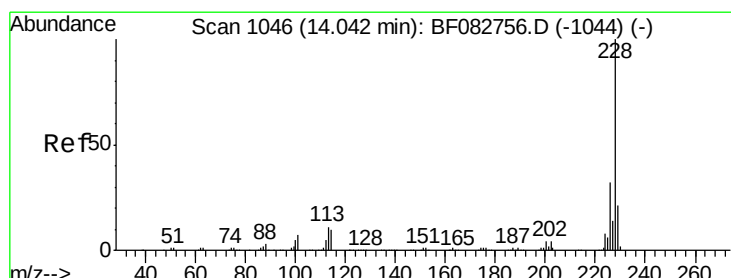
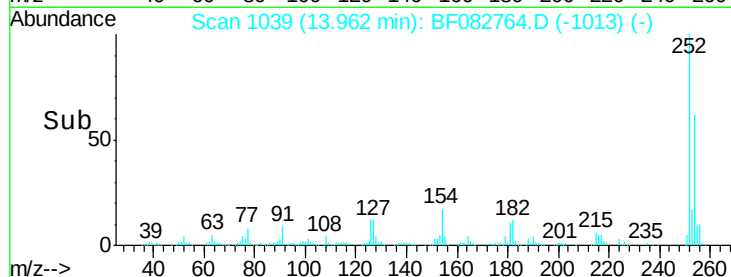
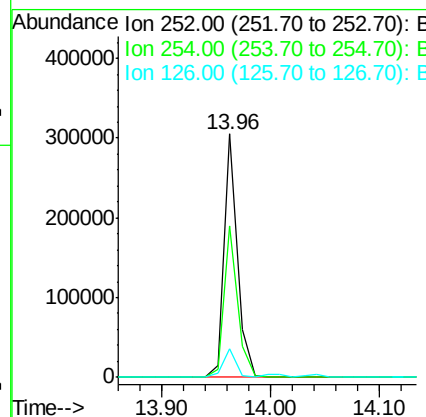
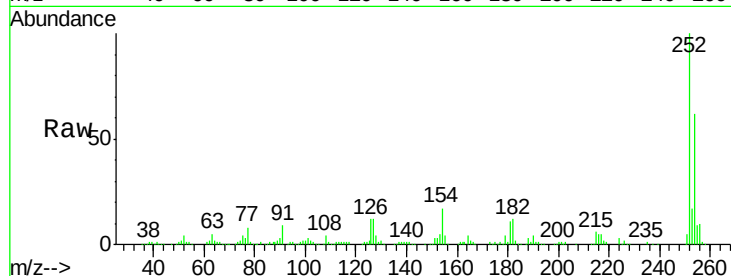
#81
 3,3'-Dichlorobenzidine
 Concen: 21.44 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	263702		
254	62.2	51.4	77.0	
126	11.7	10.7	16.1	

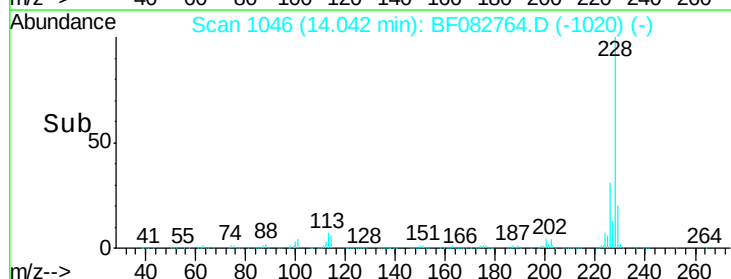
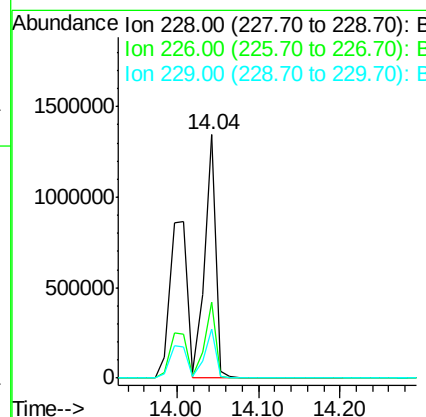
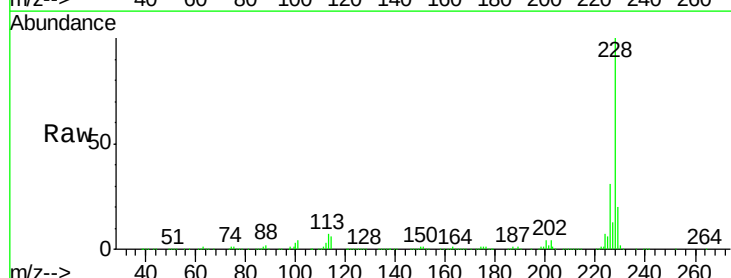
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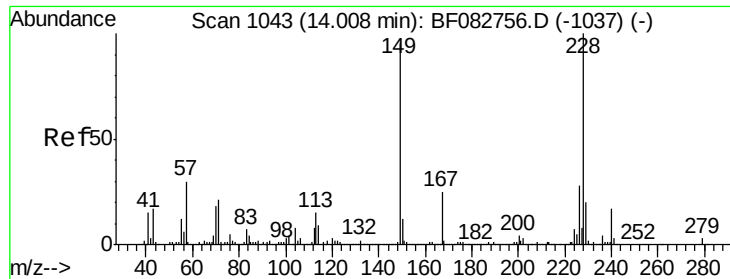
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#82
 Chrysene
 Concen: 40.38 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1279450		
226	31.3	25.5	38.3	
229	19.9	16.3	24.5	





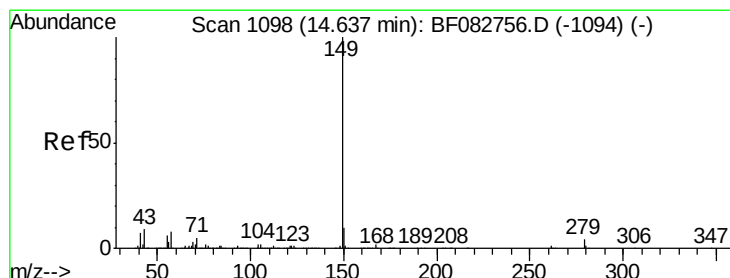
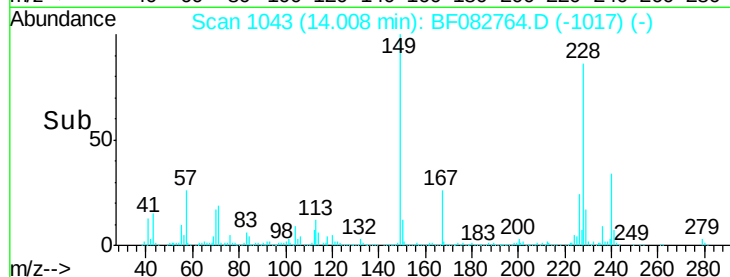
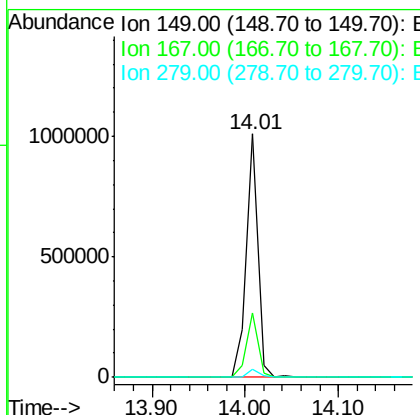
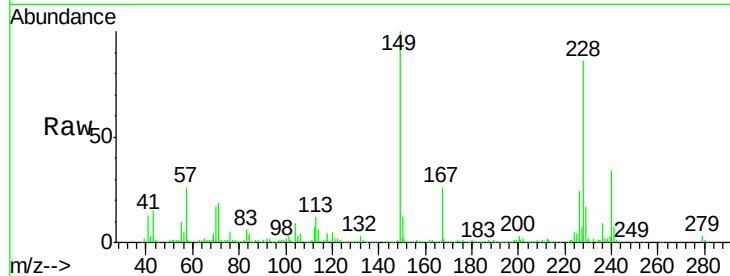
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.89 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	870441		
167	26.4		21.2	31.8
279	3.2		2.2	3.2

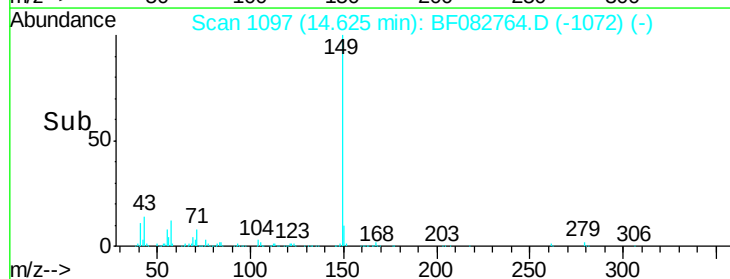
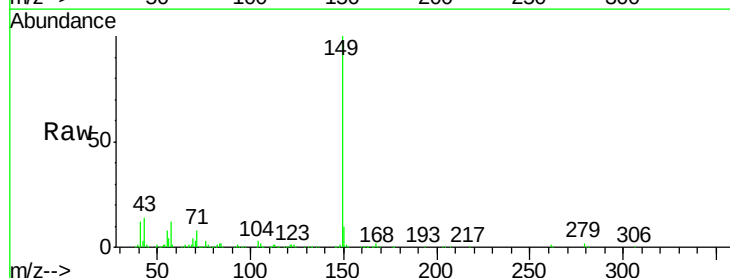
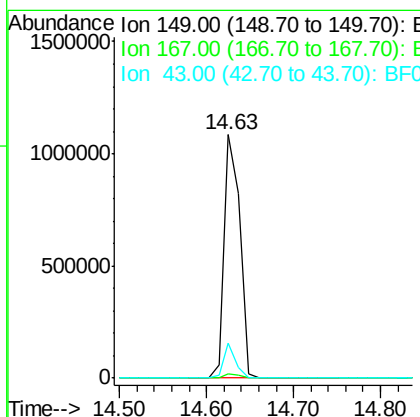
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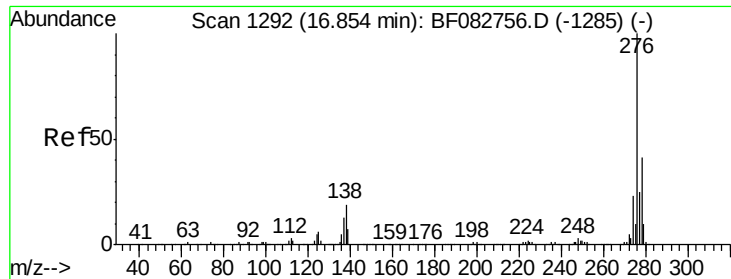
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#84
 Di-n-octyl phthalate
 Concen: 35.66 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1366300		
167	1.6		1.3	1.9
43	11.1		10.1	15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.96 ng

RT: 16.85 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion:276 Resp: 1008425

Ion Ratio Lower Upper

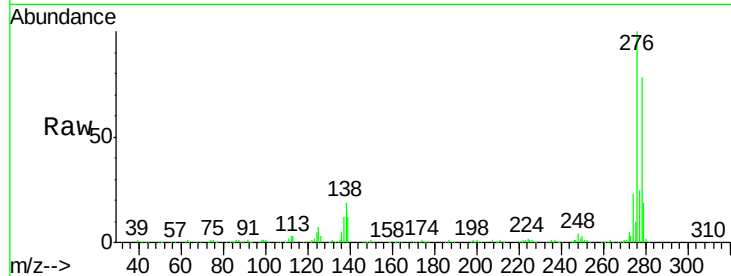
276 100

138 19.2 15.3 22.9

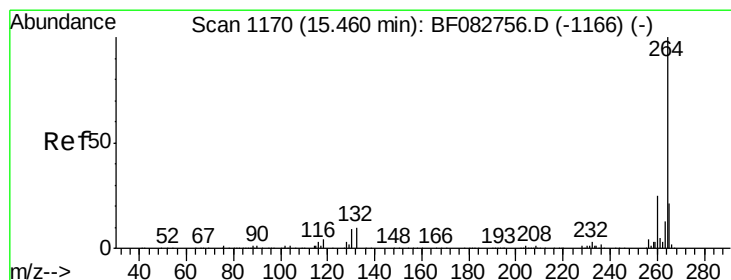
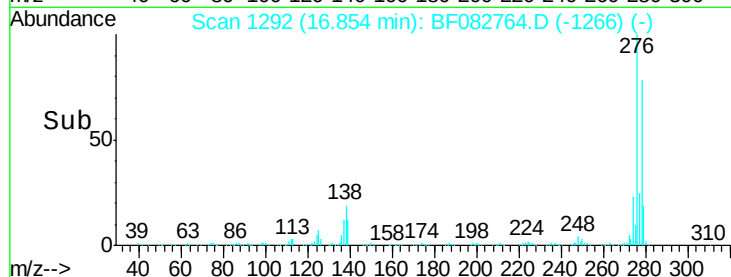
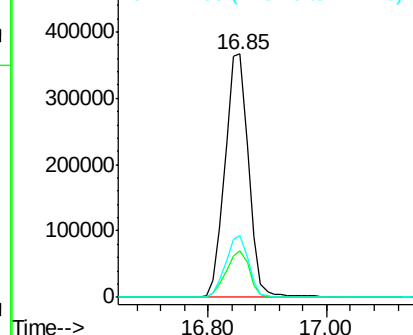
277 25.0 20.2 30.4

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

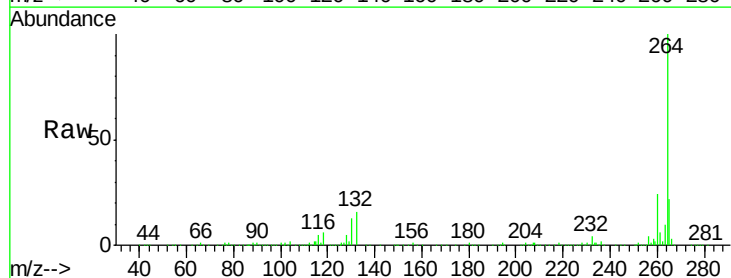
Tgt Ion:264 Resp: 532632

Ion Ratio Lower Upper

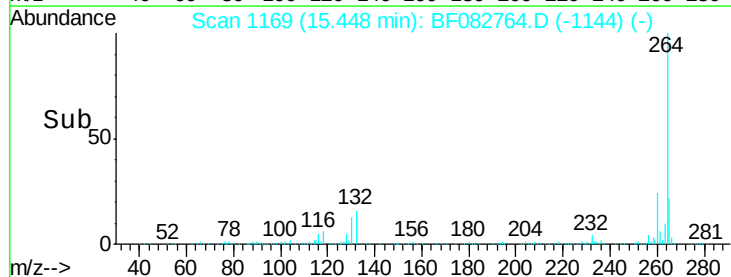
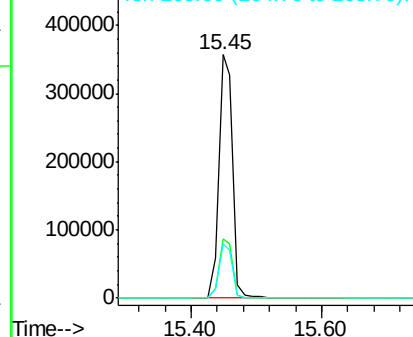
264 100

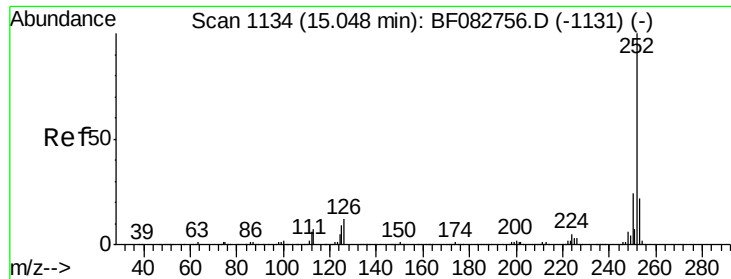
260 24.4 19.8 29.6

265 22.5 17.4 26.0



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





#87

Benzo(b)fluoranthene

Concen: 35.15 ng m

RT: 15.05 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Instrument :

BNA_F

ClientSampleId :

PB86450BS

Tot Ion:252 Resp: 1201702

Ion Ratio Lower Upper

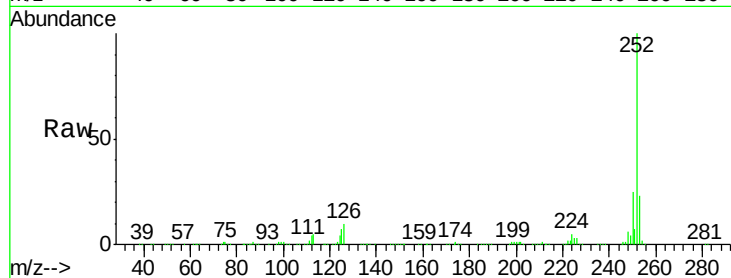
252 100

253 22.8 17.8 26.8

125 7.3 5.4 8.2

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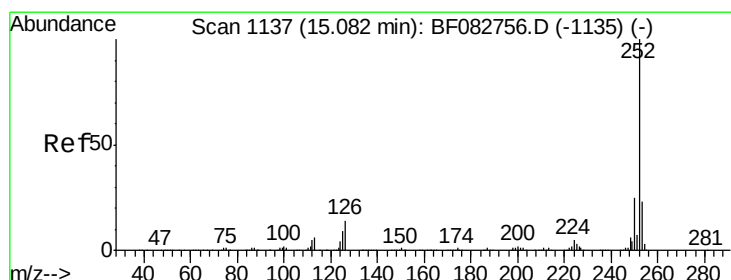
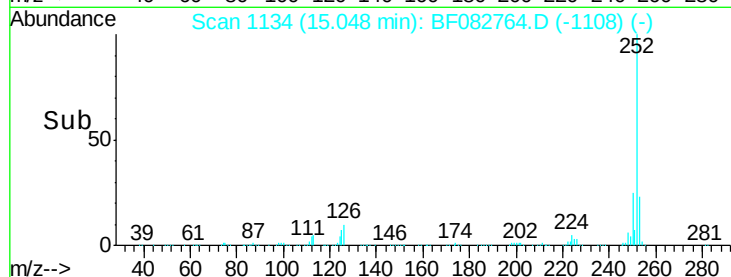
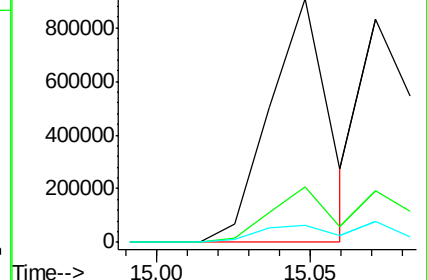
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 32.36 ng m

RT: 15.07 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF082764.D

Acq: 6 Nov 2015 16:34

Tgt Ion:252 Resp: 981450

Ion Ratio Lower Upper

252 100

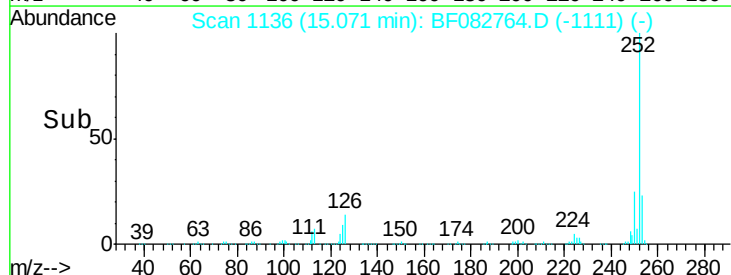
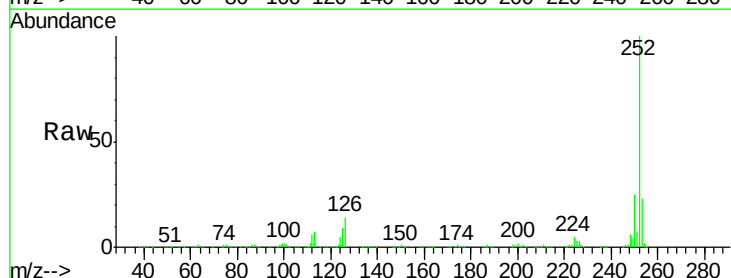
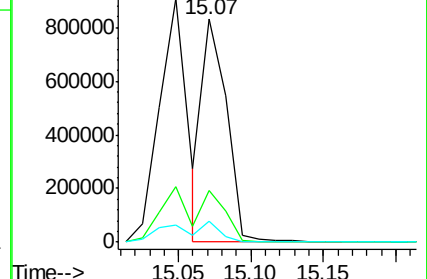
253 23.1 17.9 26.9

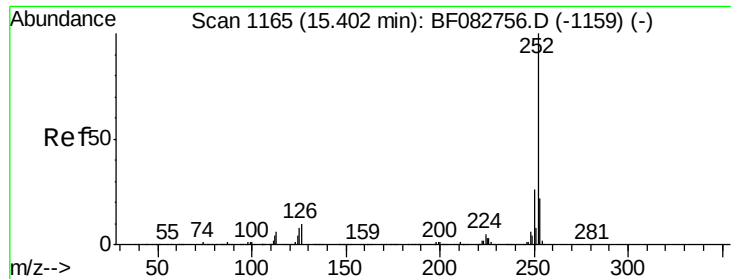
125 9.4 3.5 5.3#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





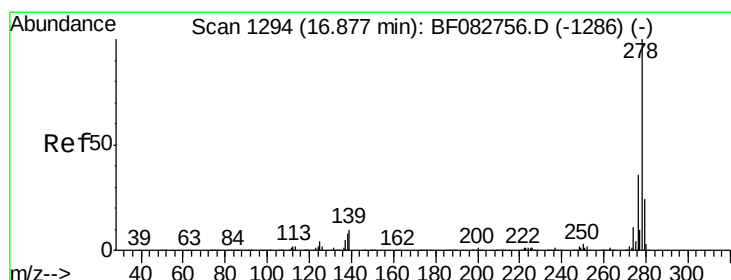
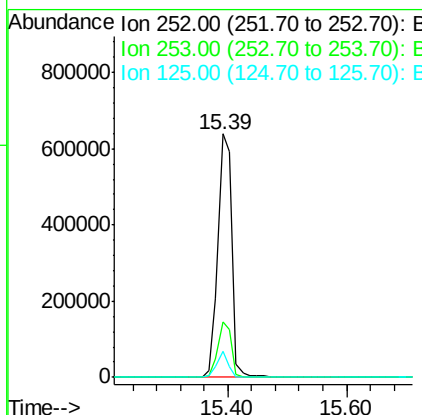
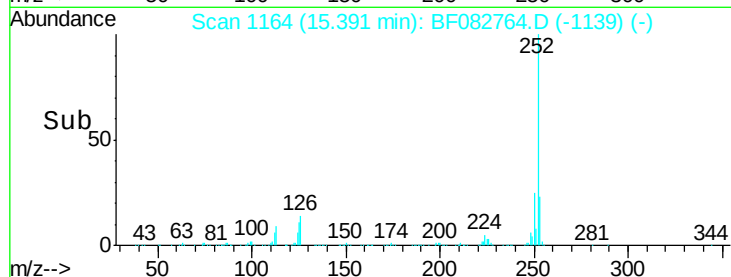
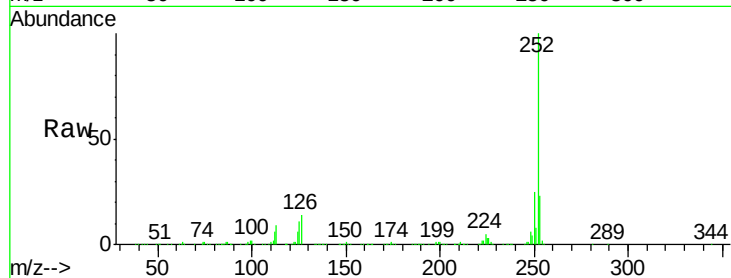
#89
Benzo(a)pyrene
Concen: 35.19 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Instrument :
BNA_F
ClientSampleId :
PB86450BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	10.9	7.1	10.7

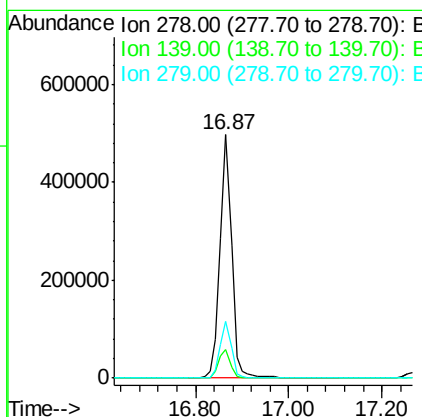
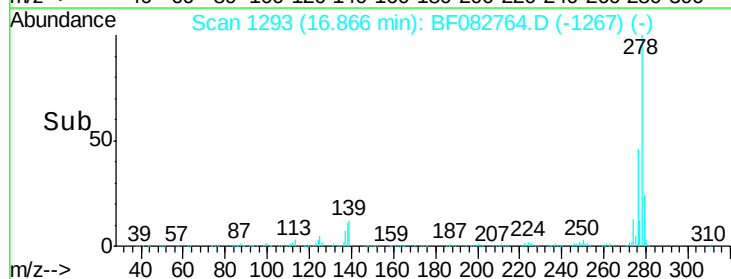
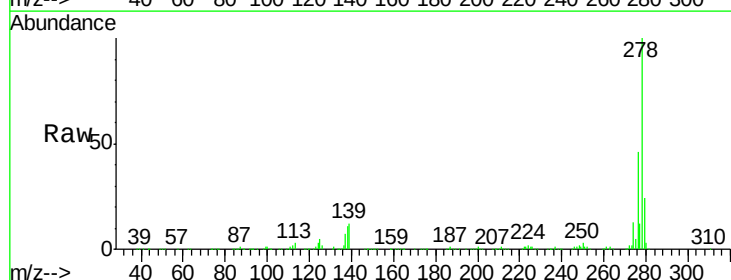
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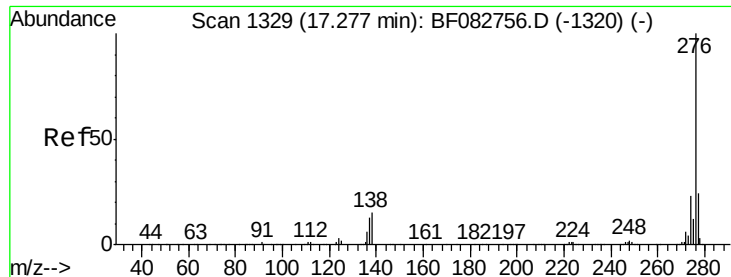
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 34.05 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF082764.D
Acq: 6 Nov 2015 16:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	9.9	14.9
279	23.5	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.97 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF082764.D
 Acq: 6 Nov 2015 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB86450BS

Tot Ion:	276	Resp:	816175
Ion Ratio		Lower	Upper
276	100		
277	23.8	19.2	28.8
138	16.5	13.1	19.7

Manual Integrations
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