

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082254.D
 Acq On : 13 Oct 2015 15:12
 Operator : UM/IZ
 Sample : PB86065BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:15 PM

Quant Time: Oct 14 01:44:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	74878	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	297964	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156240	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	308611	20.00	ng	0.00
75) Chrysene-d12	14.18	240	298964	20.00	ng	0.05
86) Perylene-d12	15.83	264	290150	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	315955	85.16	ng	0.01
7) Phenol-d6	6.47	99	410318	84.99	ng	0.00
23) Nitrobenzene-d5	7.39	82	359352	80.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	120193	82.03	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	749638	79.57	ng	0.00
78) Terphenyl-d14	13.01	244	867252	76.87	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	55282	29.66	ng	95
3) Pyridine	3.18	79	144393	33.30	ng	98
4) n-Nitrosodimethylamine	3.13	42	65696	35.73	ng	98
6) Aniline	6.49	93	126859	20.38	ng	97
8) 2-Chlorophenol	6.62	128	170226	37.58	ng	99
9) Benzaldehyde	6.38	77	118633	48.12	ng	97
10) Phenol	6.48	94	227339	40.84	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	168391	35.77	ng	95
12) 1,3-Dichlorobenzene	6.77	146	197744	37.49	ng	98
13) 1,4-Dichlorobenzene	6.85	146	201457	36.57	ng	99
14) 1,2-Dichlorobenzene	6.99	146	181211	34.64	ng	98
15) Benzyl Alcohol	6.97	79	133751	40.13	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	238166	36.33	ng	99
17) 2-Methylphenol	7.10	107	142894	39.90	ng	99
18) Hexachloroethane	7.34	117	67841	35.98	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	115303	34.01	ng	# 87
20) 3+4-Methylphenols	7.25	107	171489	40.18	ng	96
22) Acetophenone	7.25	105	232379	39.42	ng	# 96
24) Nitrobenzene	7.42	77	174581	36.35	ng	96
25) Isophorone	7.66	82	330626	36.92	ng	98
26) 2-Nitrophenol	7.74	139	99440	41.47	ng	98
27) 2,4-Dimethylphenol	7.78	122	154352	39.95	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	208790	40.07	ng	99
29) 2,4-Dichlorophenol	7.98	162	158341	41.00	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	160962	36.16	ng	99
31) Naphthalene	8.14	128	476157	36.86	ng	100
32) Benzoic acid	7.90	122	70113	27.04	ng	97
33) 4-Chloroaniline	8.19	127	80714	15.05	ng	99
34) Hexachlorobutadiene	8.25	225	94816	34.18	ng	99
35) Caprolactam	8.57	113	49523	44.18	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	163586	43.31	ng	91
37) 2-Methylnaphthalene	8.83	142	366463	40.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	161499	34.75	ng	97
40) Hexachlorocyclopentadiene	8.98	237	147059	64.35	ng	98

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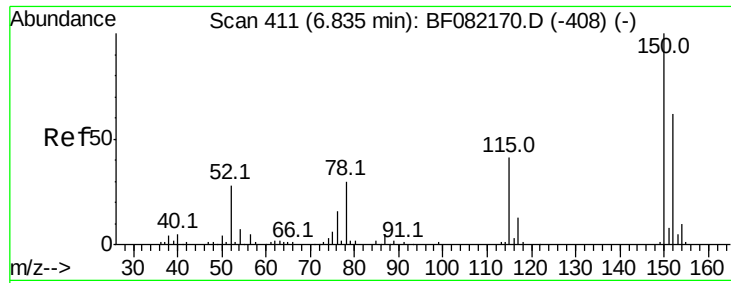
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	113176	36.67	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	125726	37.60	nq #	92
45) 1,1'-Biphenyl	9.30	154	437292	36.70	nq	95
46) 2-Chloronaphthalene	9.33	162	346499	36.94	nq	98
47) 2-Nitroaniline	9.43	65	105691	41.05	nq #	84
48) Acenaphthylene	9.74	152	512438	35.07	nq	99
49) Dimethylphthalate	9.61	163	401652	36.51	nq #	97
50) 2,6-Dinitrotoluene	9.67	165	89456	38.53	nq #	83
51) Acenaphthene	9.91	154	315284	35.95	nq	99
52) 3-Nitroaniline	9.84	138	44633	17.02	nq	94
53) 2,4-Dinitrophenol	9.95	184	79561	62.82	nq #	84
54) Dibenzofuran	10.08	168	464448	38.57	nq	96
55) 4-Nitrophenol	10.01	139	124986	71.91	nq	89
56) 2,4-Dinitrotoluene	10.08	165	120017	41.36	nq	91
57) Fluorene	10.42	166	375352	37.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	109540	40.10	nq	97
59) Diethylphthalate	10.31	149	400767	39.08	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	188988	41.71	nq	89
61) 4-Nitroaniline	10.46	138	93185	36.64	nq	98
62) Azobenzene	10.58	77	397185	39.57	nq	92
64) 4,6-Dinitro-2-methylphenol	10.48	198	58900	34.01	nq #	70
65) n-Nitrosodiphenylamine	10.55	169	339325	36.72	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	120173	38.91	nq #	89
67) Hexachlorobenzene	10.97	284	115855	34.68	nq #	70
68) Atrazine	11.07	200	116598	39.83	nq	99
69) Pentachlorophenol	11.18	266	132407	77.03	nq	99
70) Phenanthrene	11.39	178	612594	40.50	nq	99
71) Anthracene	11.44	178	601499	38.59	nq	99
72) Carbazole	11.61	167	544682	38.30	nq	98
73) Di-n-butylphthalate	11.93	149	614383	35.02	nq	100
74) Fluoranthene	12.61	202	668024	41.12	nq	99
76) Benzidine	12.74	184	236395	27.29	nq	98
77) Pyrene	12.85	202	664575	37.46	nq	99
79) Butylbenzylphthalate	13.52	149	276016	34.09	nq	96
80) Benzo(a)anthracene	14.16	228	594985	38.25	nq	99
81) 3,3'-Dichlorobenzidine	14.13	252	113063	19.15	nq	99
82) Chrysene	14.21	228	579716	35.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	355974	30.82	nq #	96
84) Di-n-octyl phthalate	14.92	149	646823	32.60	nq	99
85) Indeno(1,2,3-cd)pyrene	17.29	276	541269	41.55	nq	100
87) Benzo(b)fluoranthene	15.40	252	601660	34.08	nq #	97
88) Benzo(k)fluoranthene	15.42	252	563892m	38.00	nq	
89) Benzo(a)pyrene	15.76	252	562789	37.10	nq	98
90) Dibenzo(a,h)anthracene	17.30	278	450711	36.25	nq	99
91) Benzo(g,h,i)perylene	17.73	276	425084	35.20	nq	98

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



#1

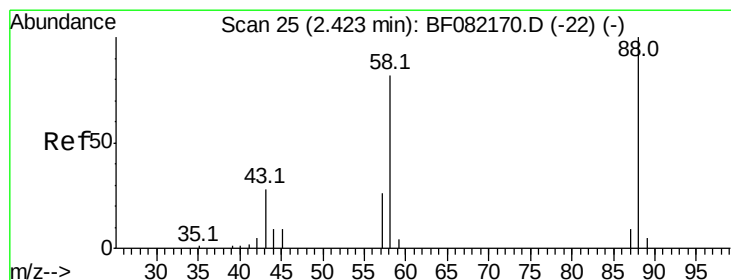
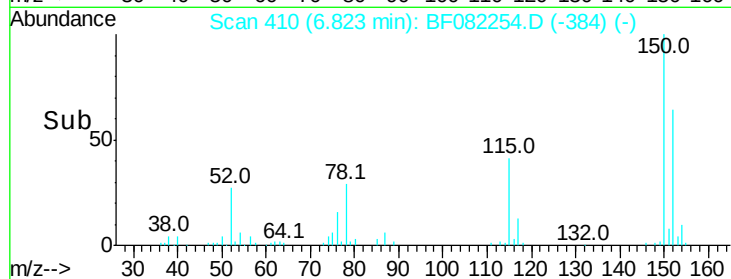
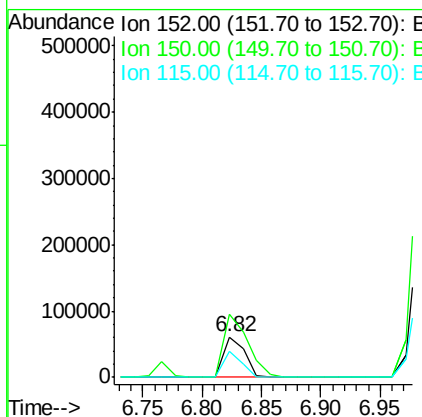
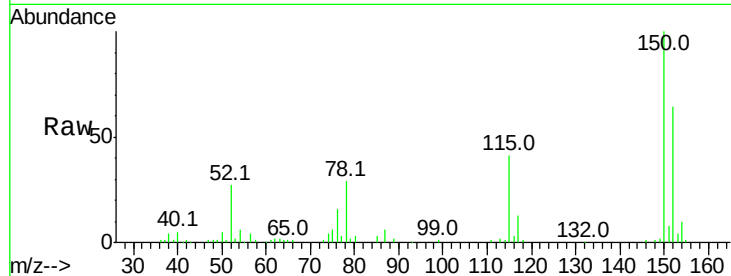
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.0	193.4
115	64.2	52.1	78.1

Manual Integrations
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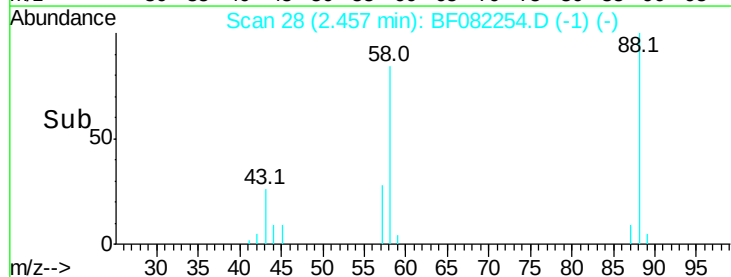
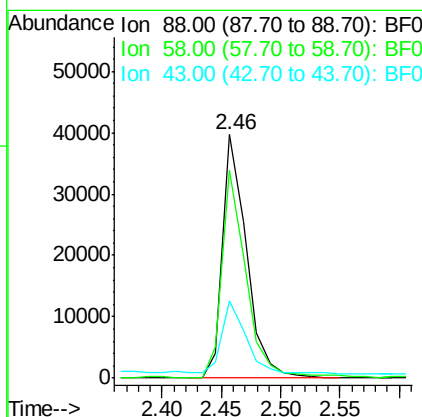
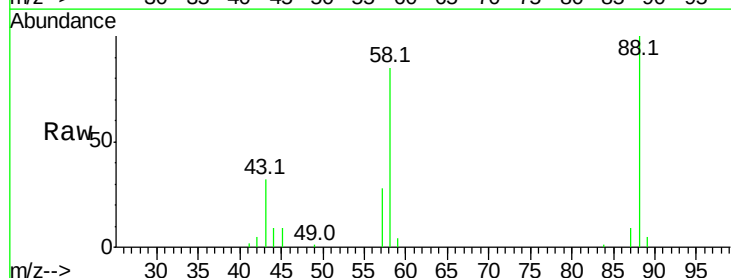
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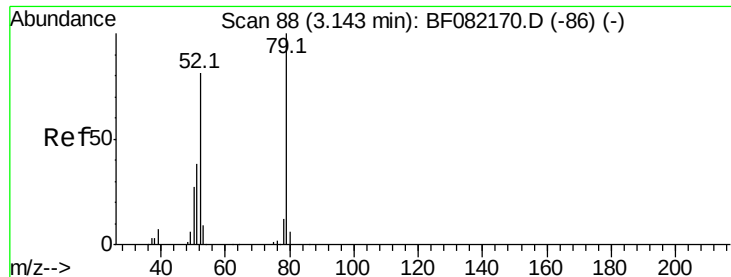


#2

1,4-Dioxane
Concen: 29.66 ng
RT: 2.46 min Scan# 28
Delta R.T. 0.08 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	66.2	99.4
43	31.0	23.0	34.4





#3

Pvridine

Concen: 33.30 ng

RT: 3.18 min Scan# 91

Delta R.T. 0.08 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

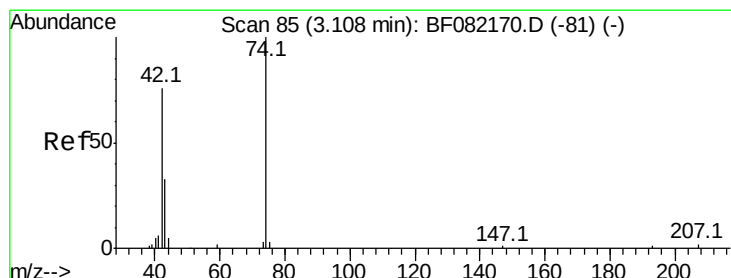
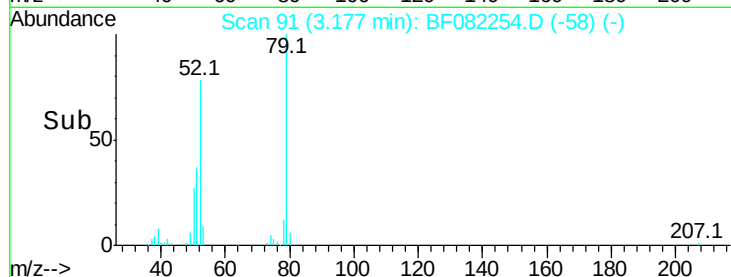
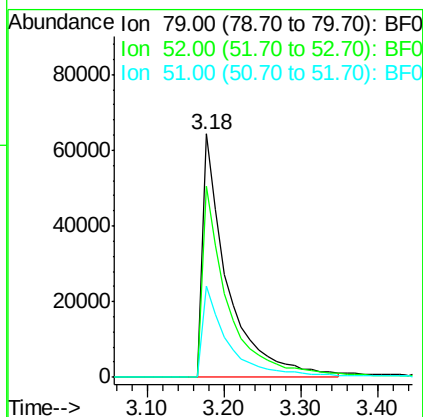
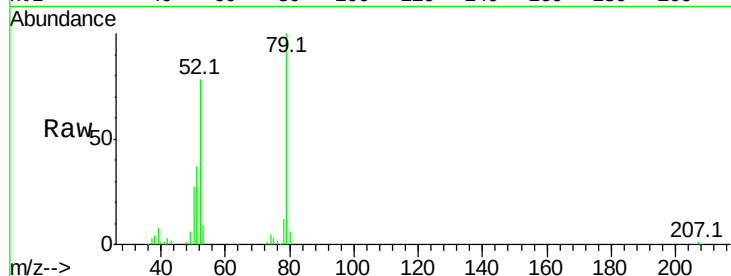
ClientSampleId :

PB86065BS

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Tot Ion:	79	Resp:	144393
Ion Ratio	Lower	Upper	
79	100		
52	78.4	64.4	96.6
51	37.4	30.5	45.7



#4

n-Nitrosodimethylamine

Concen: 35.73 ng

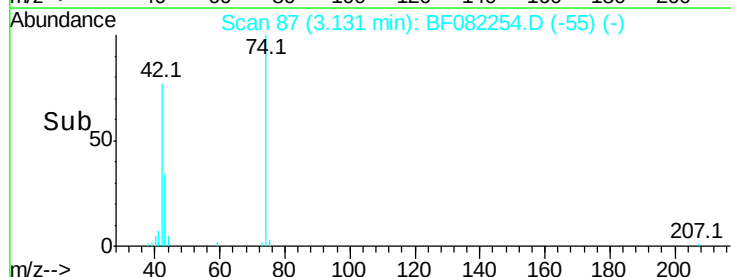
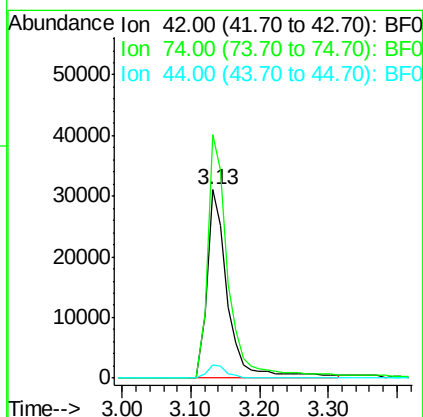
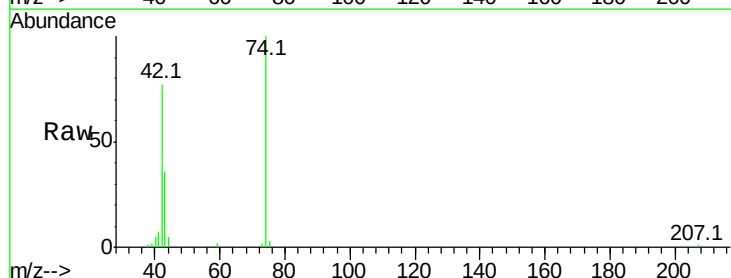
RT: 3.13 min Scan# 87

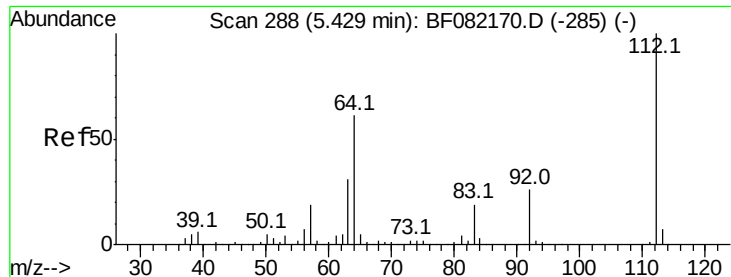
Delta R.T. 0.07 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	42	Resp:	65696
Ion Ratio	Lower	Upper	
42	100		
74	129.2	105.7	158.5
44	6.9	5.4	8.2





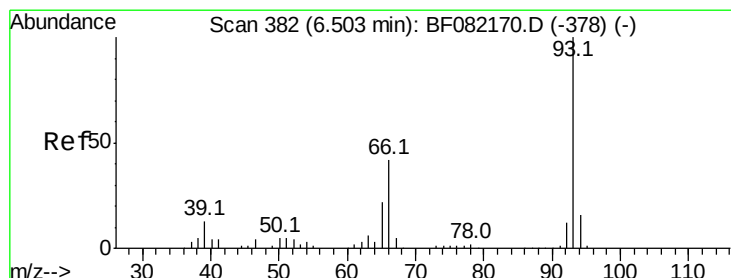
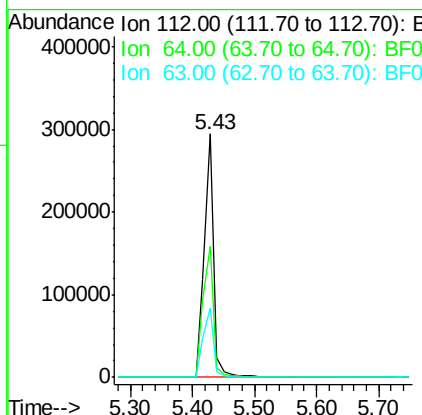
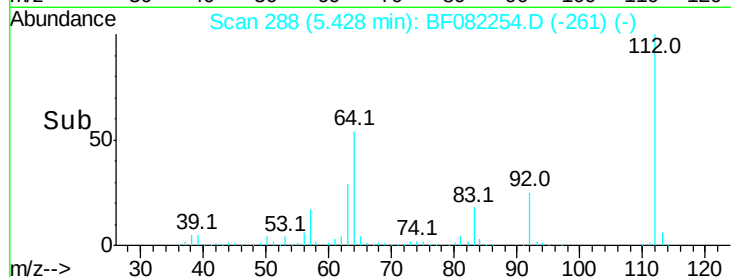
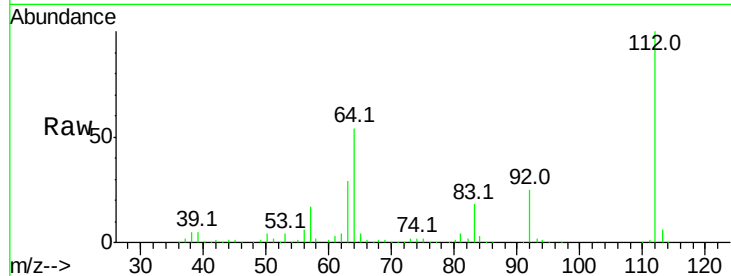
#5
 2-Fluorophenol
 Concen: 85.16 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampled :
 PB86065BS

Tot Ion	Ion	Ratio	Resp Lower	Resp Upper
112	100			
64	54.0	48.6	73.0	
63	28.8	25.1	37.7	

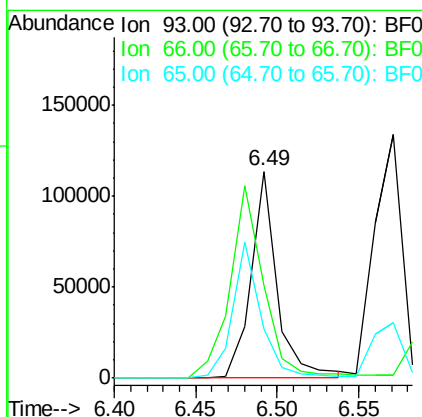
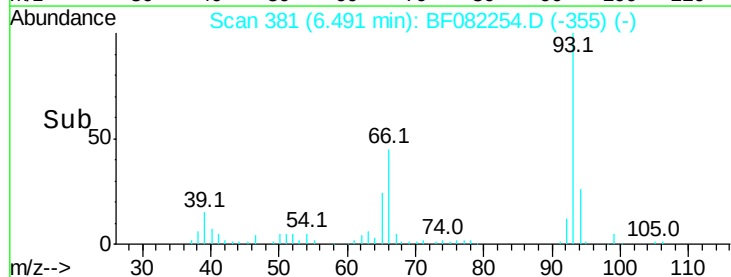
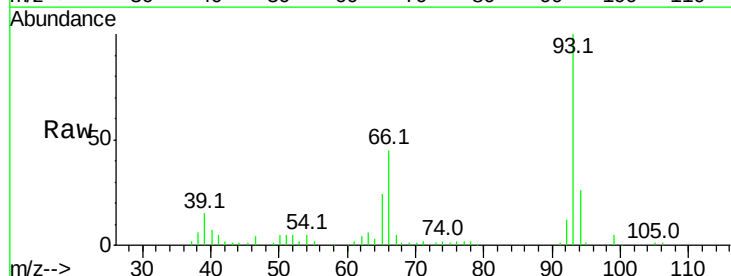
Manual Integrations
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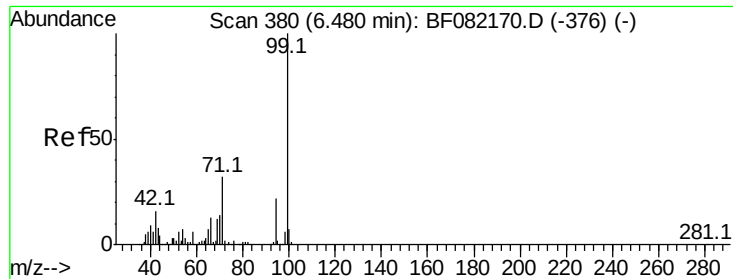
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#6
 Aniline
 Concen: 20.38 ng
 RT: 6.49 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ion	Ratio	Resp Lower	Resp Upper
93	100			
66	44.6	34.2	51.2	
65	23.6	17.9	26.9	





#7

Phenol-d6

Concen: 84.99 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

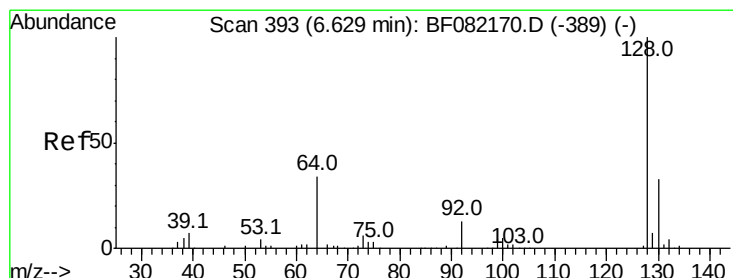
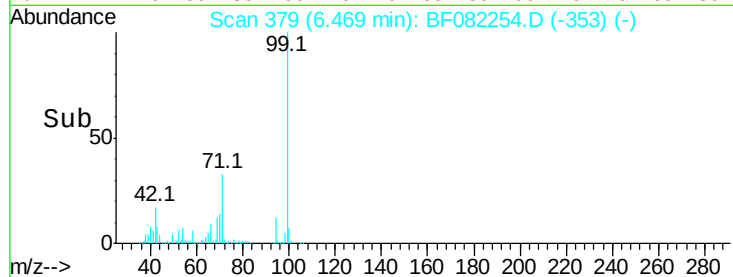
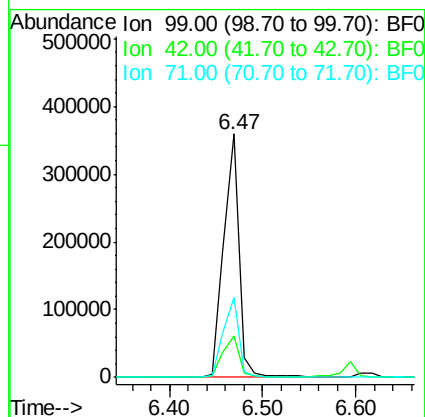
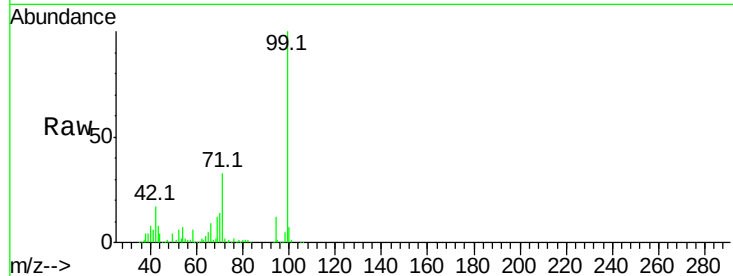
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Tot Ion:	99	Resp:	410318
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.2	19.8
71	32.6	25.6	38.4



#8

2-Chlorophenol

Concen: 37.58 ng

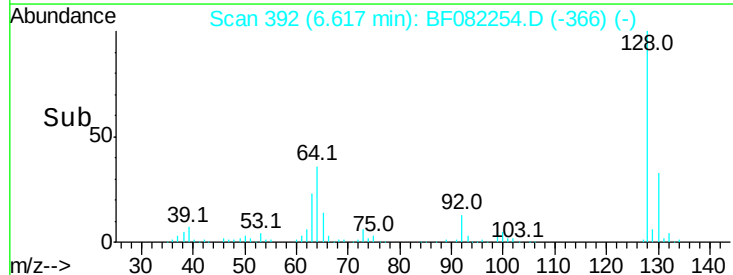
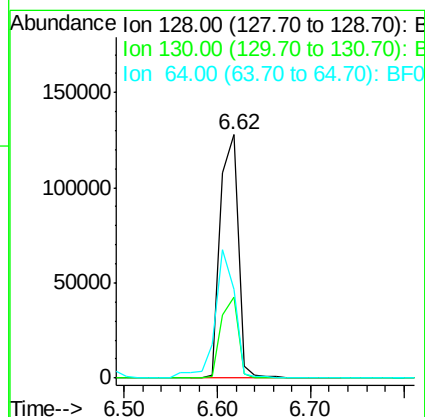
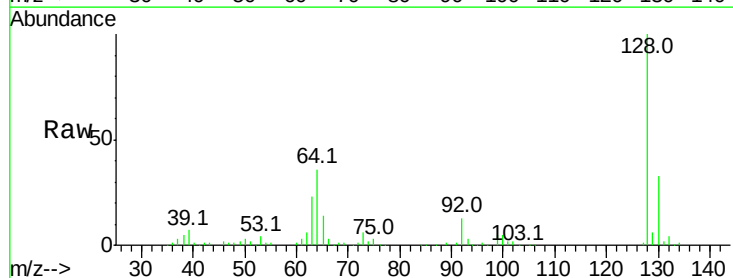
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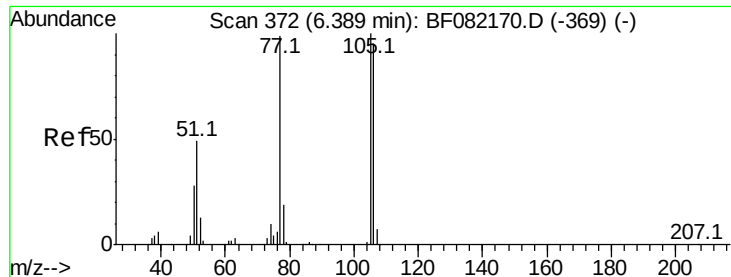
Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	128	Resp:	170226
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.6	52.6
64	36.5	16.7	56.7





#9

Benzaldehyde

Concen: 48.12 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

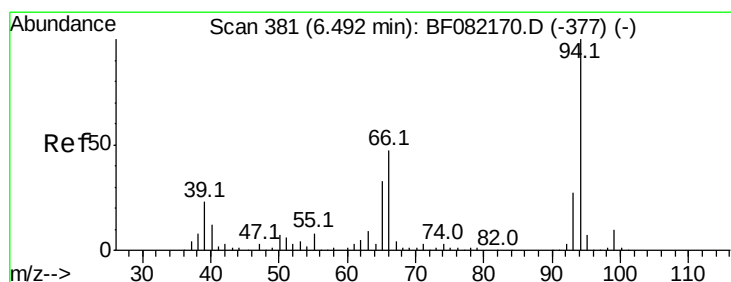
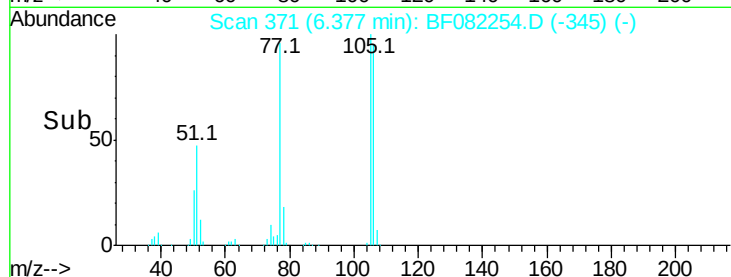
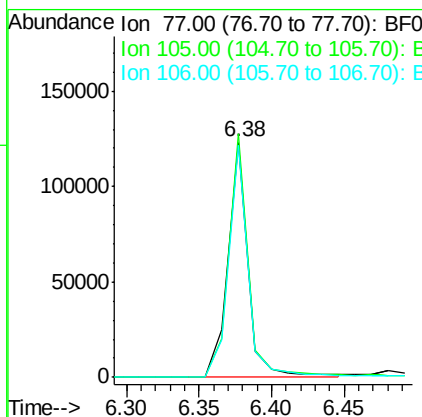
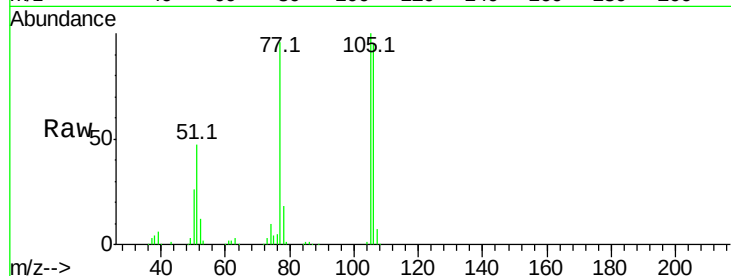
ClientSampleId :

PB86065BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.6	80.6	120.6		
106	98.6	75.5	115.5		



#10

Phenol

Concen: 40.84 ng

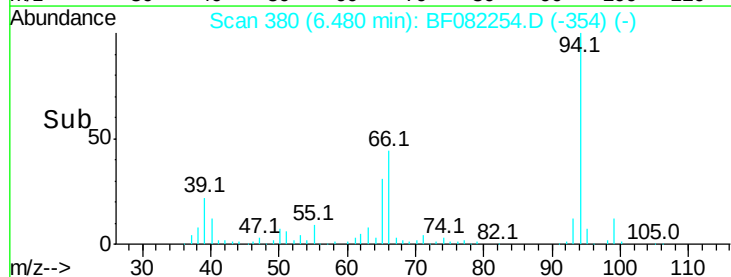
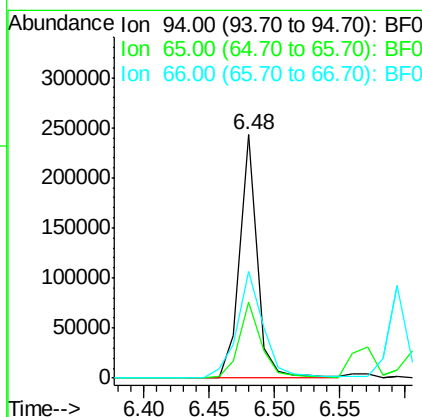
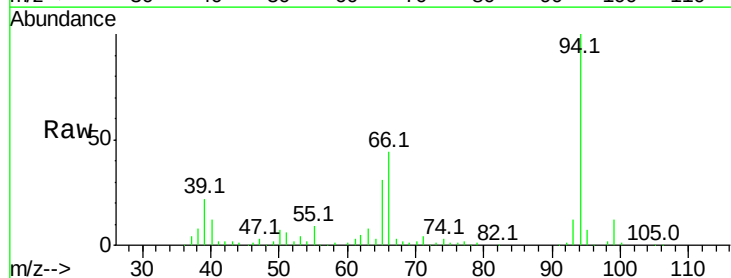
RT: 6.48 min Scan# 380

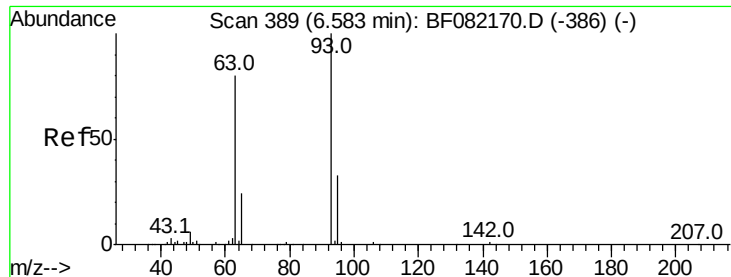
Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.9	12.6	52.6		
66	43.6	27.3	67.3		





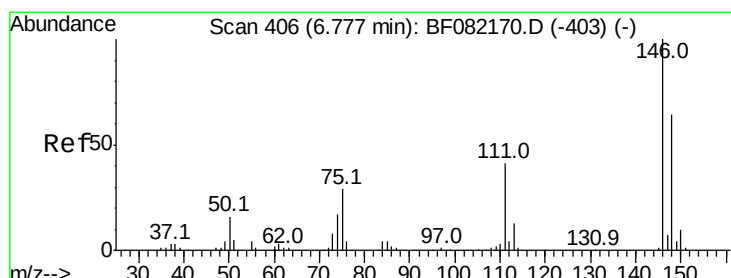
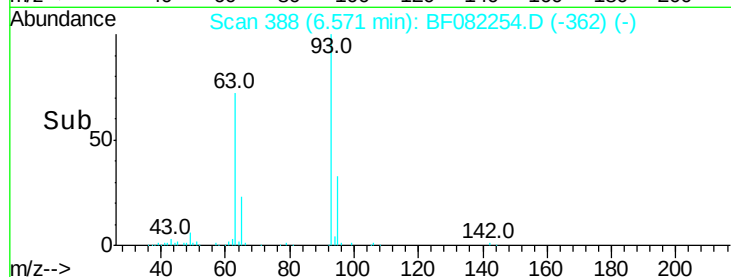
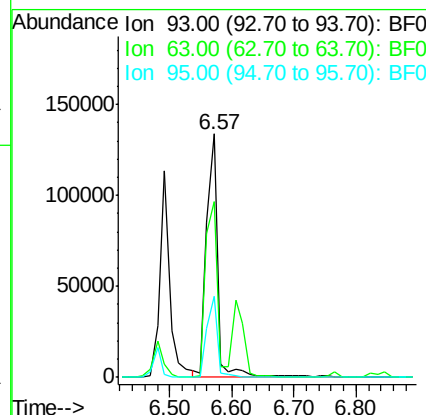
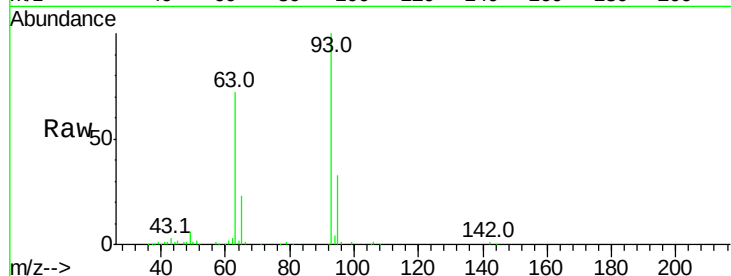
#11
bis(2-Chloroethyl)ether
Concen: 35.77 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	168391		
63	72.4	57.1	97.1	
95	33.3	11.9	51.9	

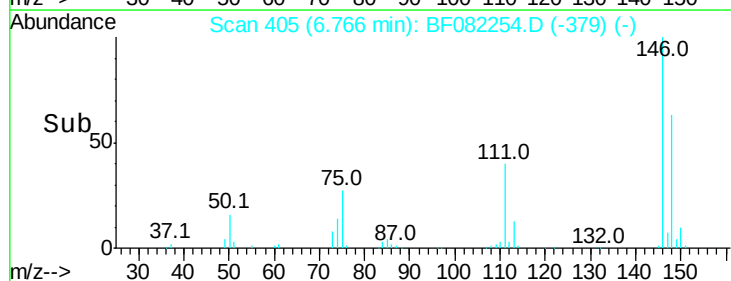
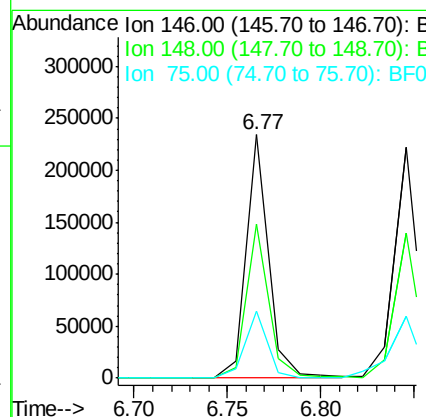
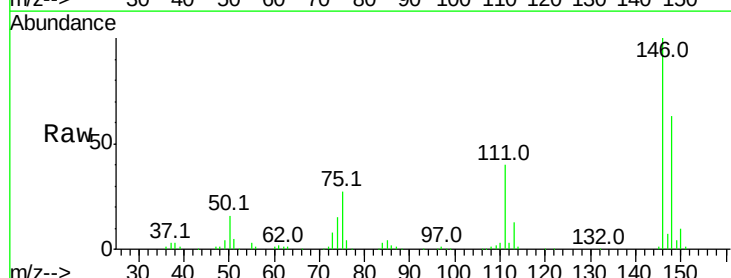
Manual Integrations
APPROVED

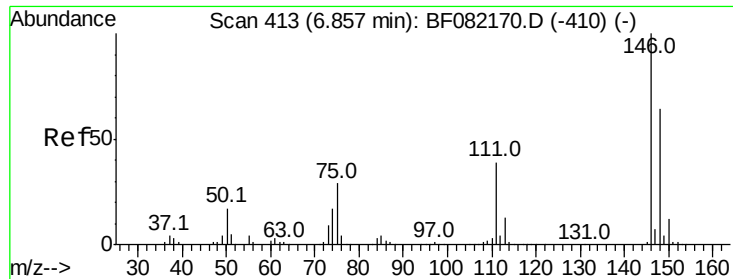
MMdadoda
10/14/2015 3:51:15 PM



#12
1,3-Dichlorobenzene
Concen: 37.49 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	197744		
148	63.4	51.4	77.2	
75	27.3	23.0	34.6	





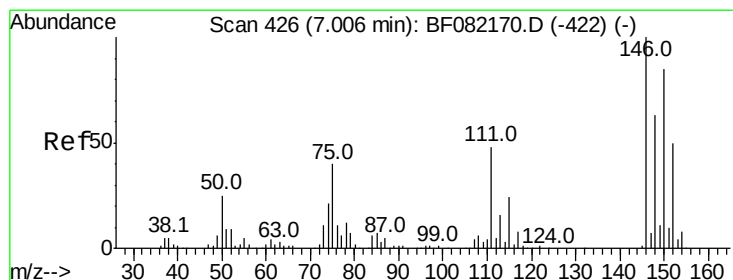
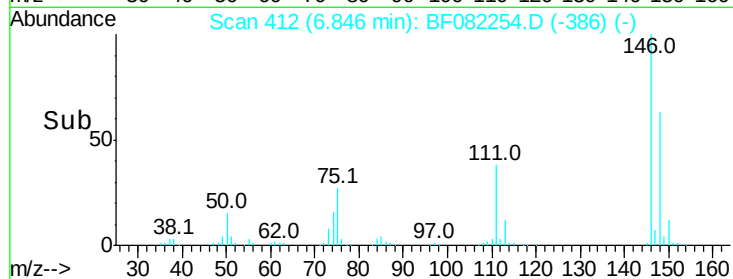
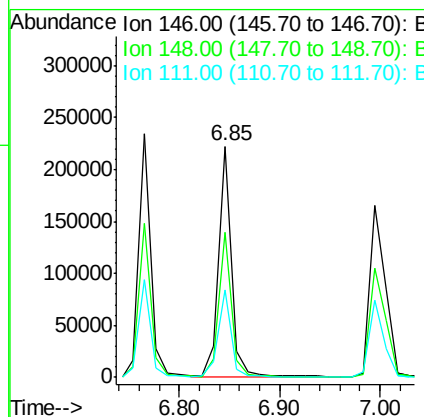
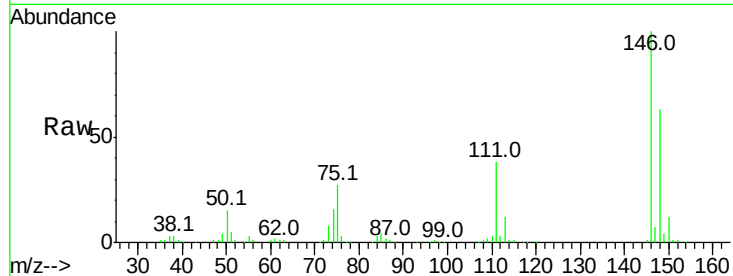
#13
 1,4-Dichlorobenzene
 Concen: 36.57 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	201457		
148	63.0		51.0	76.4
111	37.9		31.1	46.7

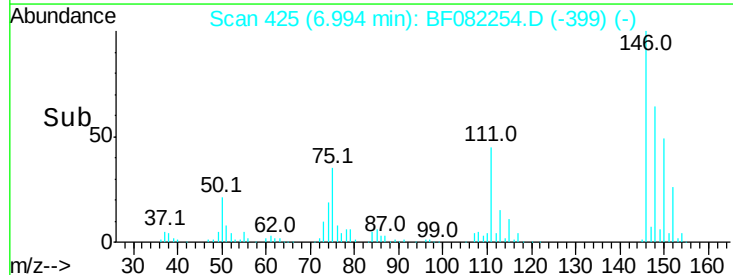
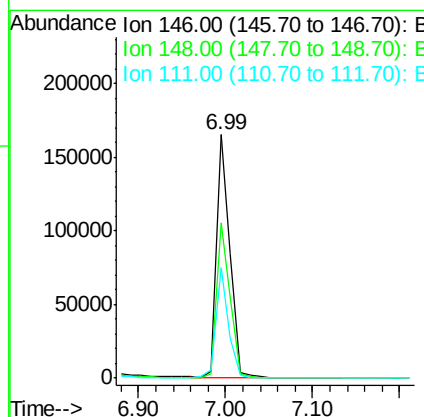
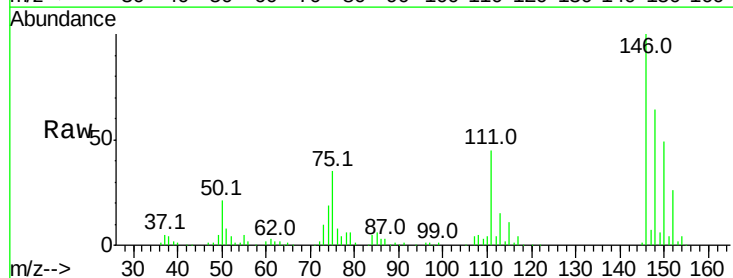
Manual Integrations
 APPROVED

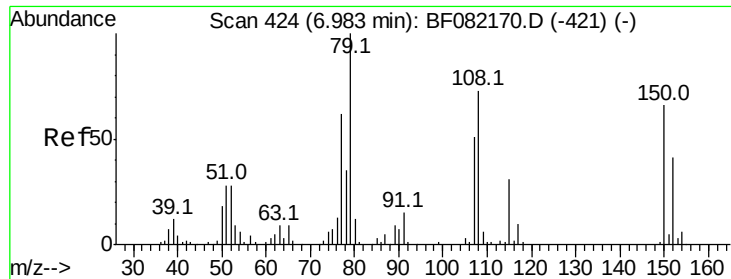
MMdadoda
 10/14/2015 3:51:15 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.64 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181211		
148	63.9		50.5	75.7
111	45.3		38.5	57.7





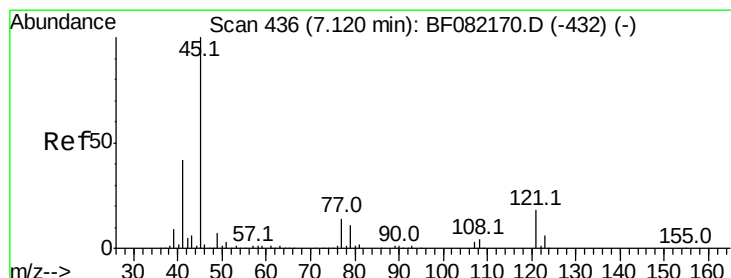
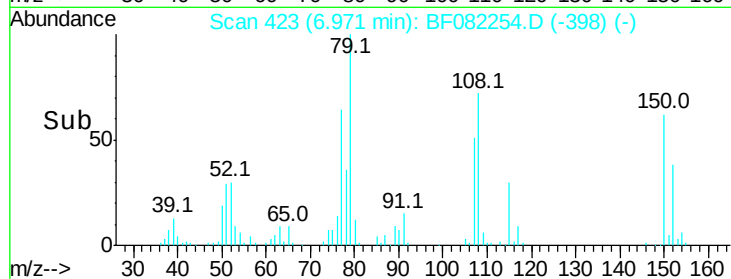
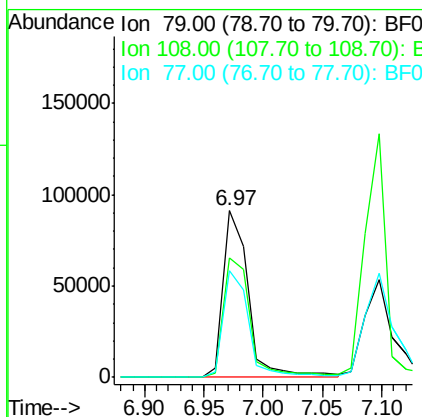
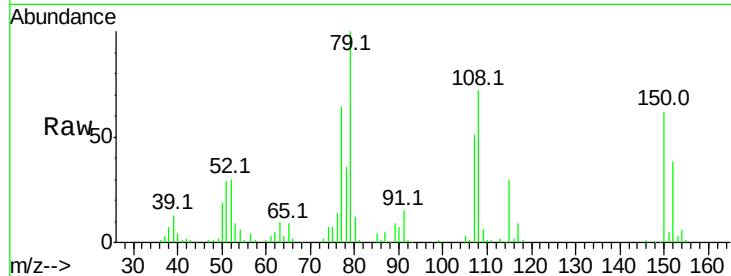
#15
Benzyl Alcohol
Concen: 40.13 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.8	58.4	87.6
77	63.6	49.8	74.6

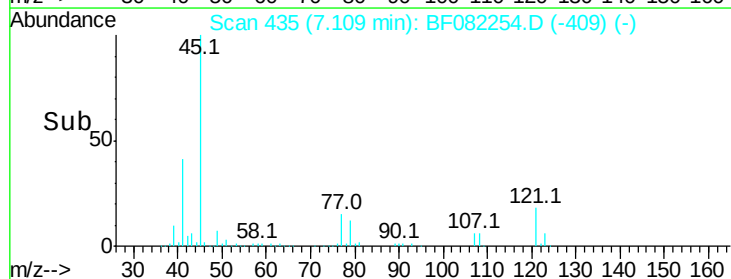
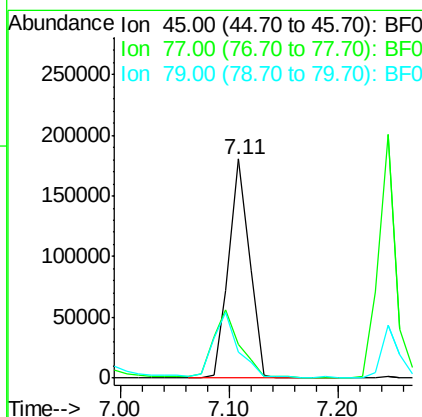
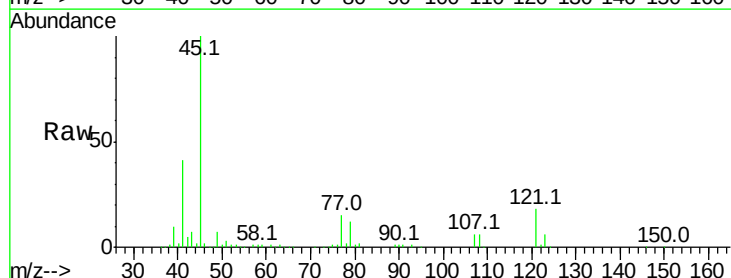
Manual Integrations
APPROVED

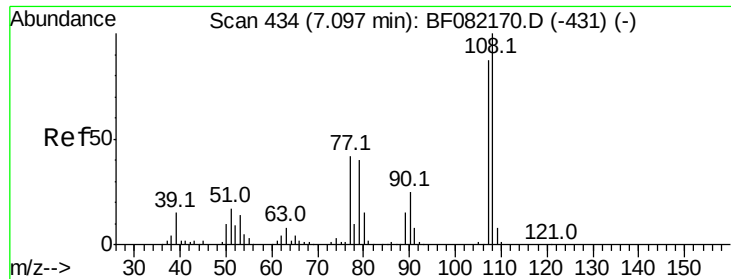
MMdadoda
10/14/2015 3:51:15 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.33 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.5
79	12.1	0.0	31.6





#17

2-Methylphenol

Concen: 39.90 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082254.D

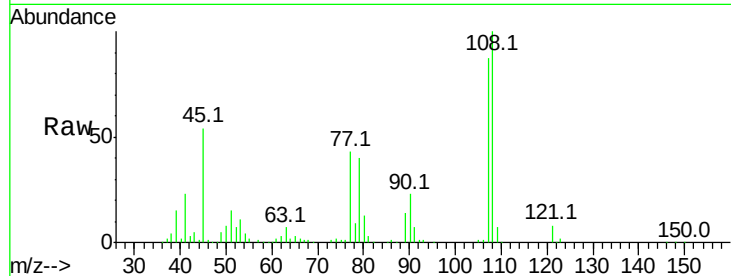
Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampled :

PB86065BS



Tot Ion:107 Resp: 142894

Ion Ratio Lower Upper

107 100

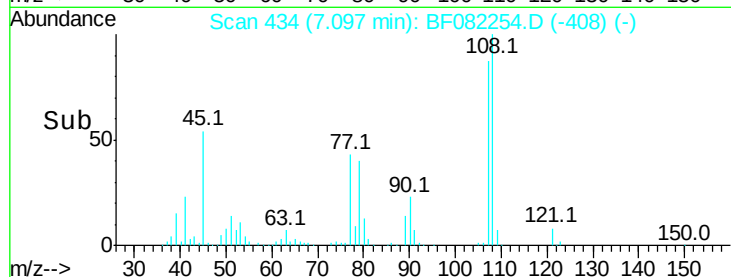
108 114.9 92.2 138.2

77 48.9 39.6 59.4

79 46.4 38.2 57.4

Manual Integrations
APPROVED

MMdadoda
10/14/2015 3:51:15 PM



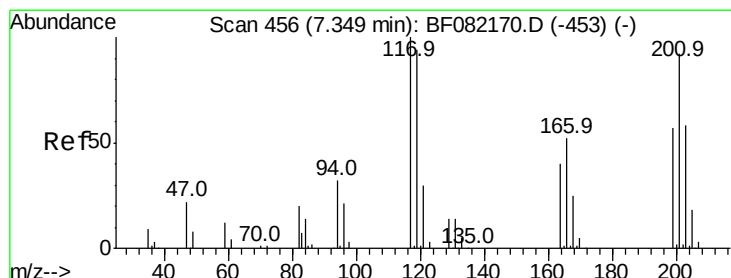
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 35.98 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

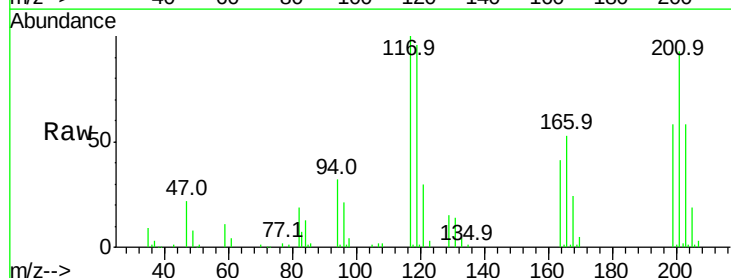
Tgt Ion:117 Resp: 67841

Ion Ratio Lower Upper

117 100

119 95.5 75.4 113.2

201 92.7 73.4 110.0

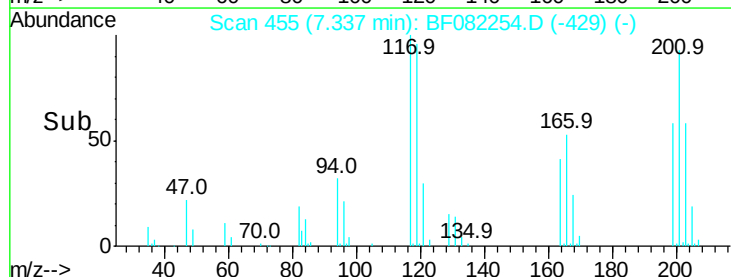


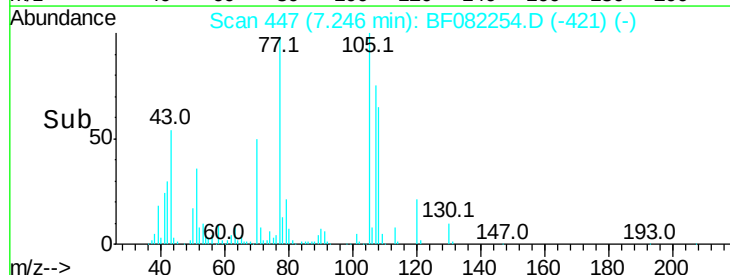
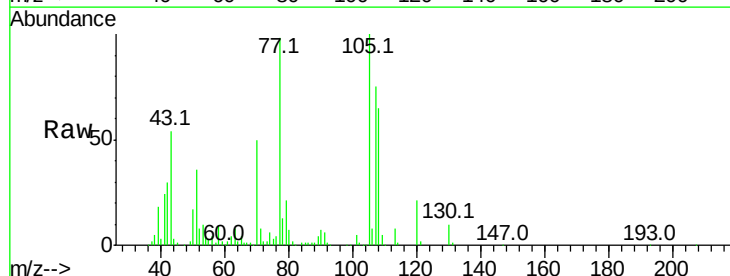
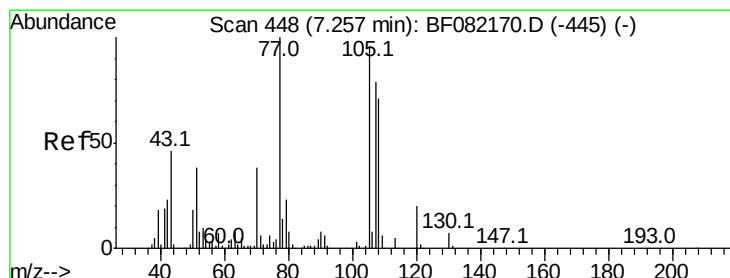
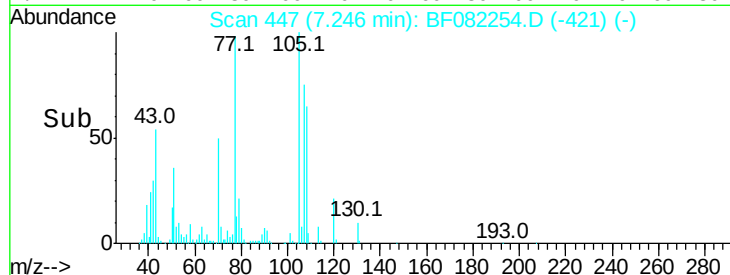
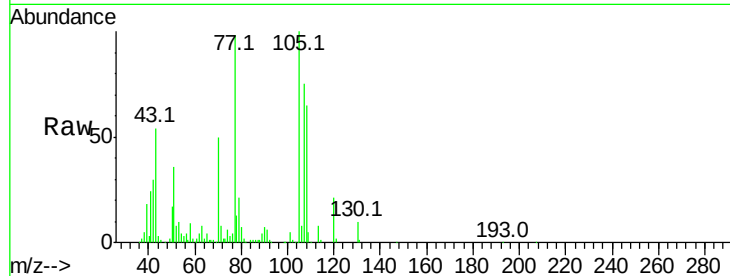
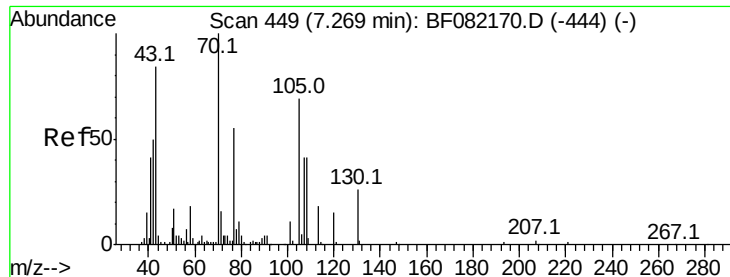
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





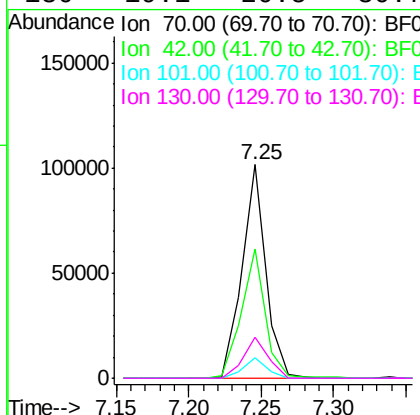
#19
n-Nitroso-di-n-propylamine
Concen: 34.01 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	39.8	59.8#
101	9.6	8.6	13.0
130	19.1	20.5	30.7#

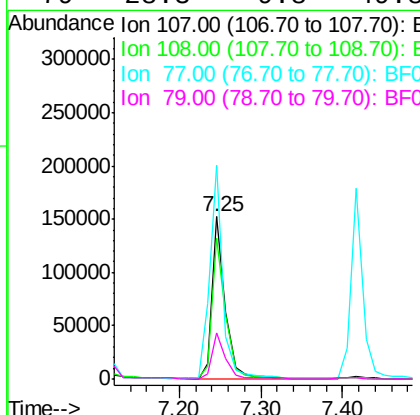
Manual Integrations
APPROVED

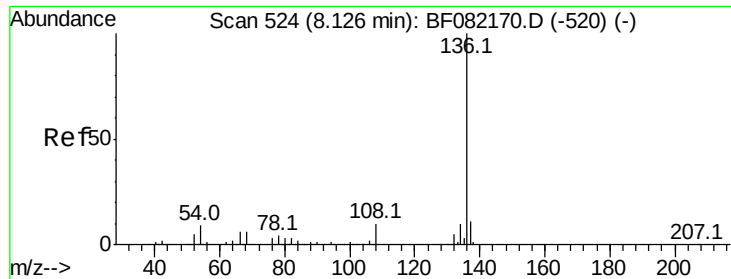
MMdadoda
10/14/2015 3:51:15 PM



#20
3+4-Methylphenols
Concen: 40.18 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.9	109.9
77	131.7	106.0	146.0
79	28.3	9.8	49.8





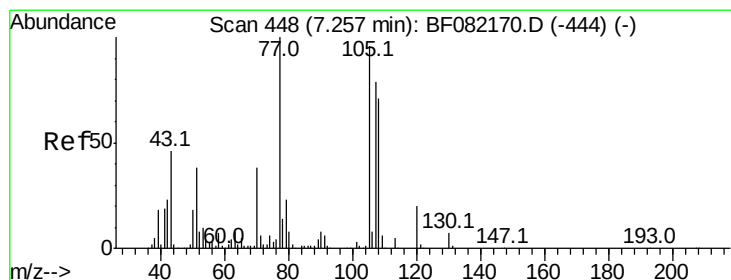
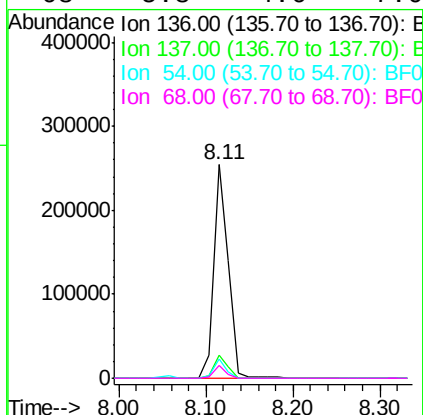
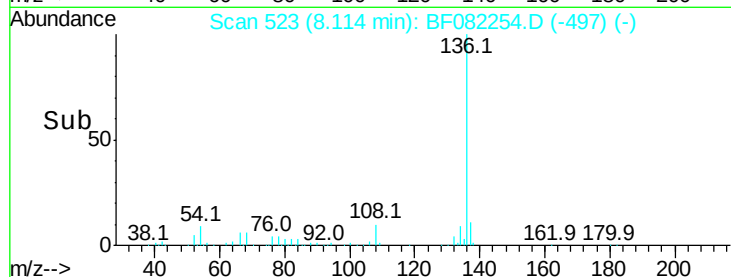
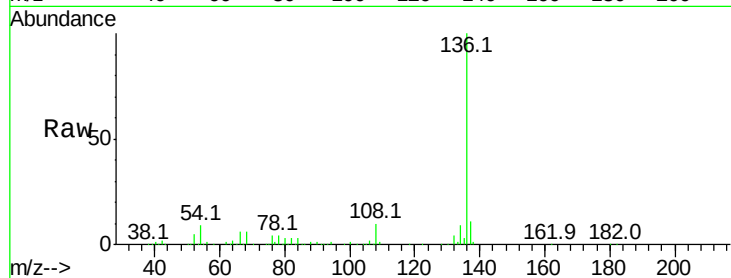
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	297964		
137	11.0	9.0	13.6	
54	9.3	7.5	11.3	
68	5.8	4.6	7.0	

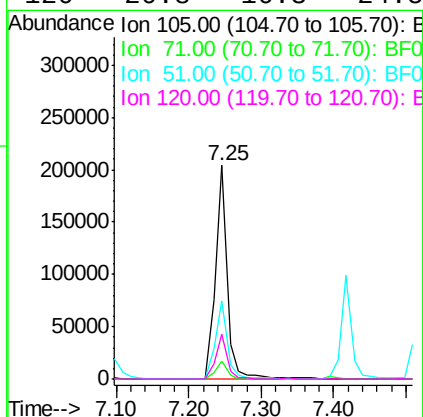
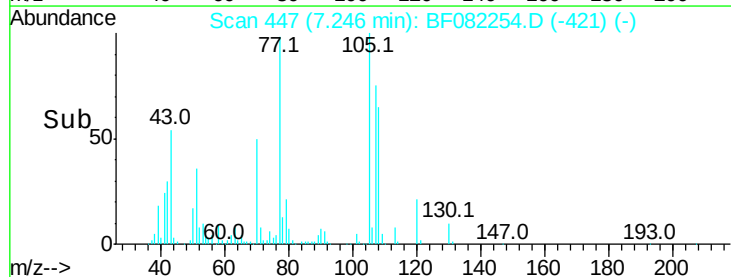
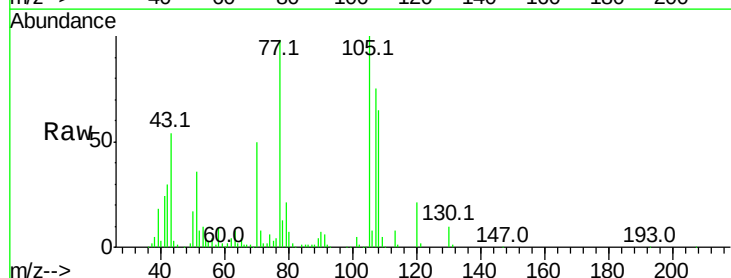
Manual Integrations
APPROVED

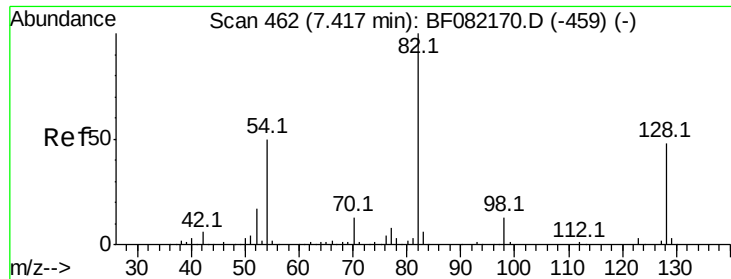
MMdadoda
10/14/2015 3:51:15 PM



#22
Acetophenone
Concen: 39.42 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232379		
71	8.4	5.4	8.0#	
51	36.3	31.8	47.6	
120	20.8	16.3	24.5	





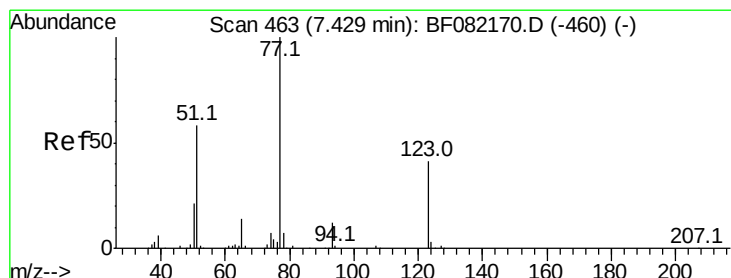
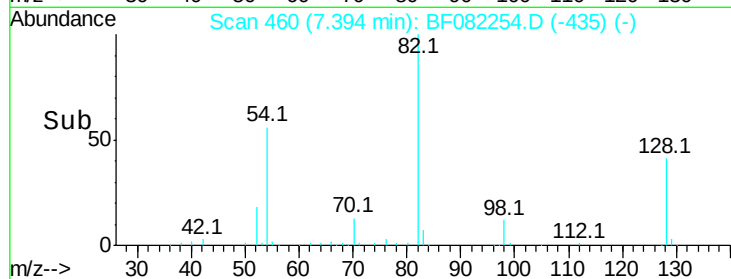
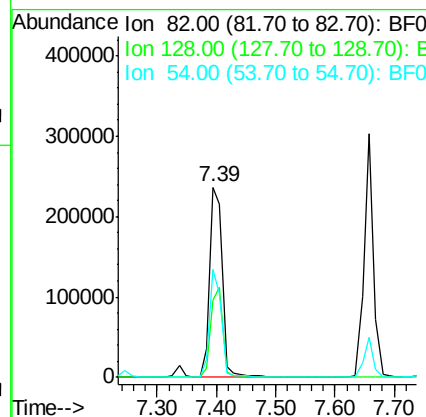
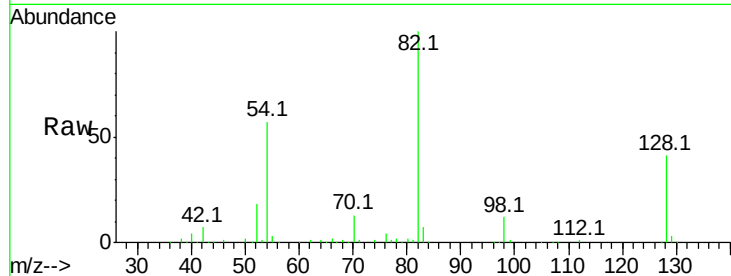
#23
 Nitrobenzene-d5
 Concen: 80.99 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	38.7	58.1
54	56.6	40.1	60.1

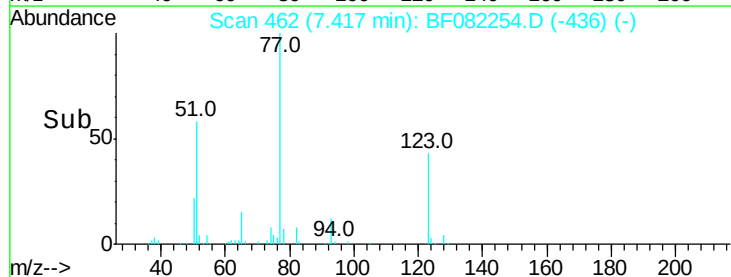
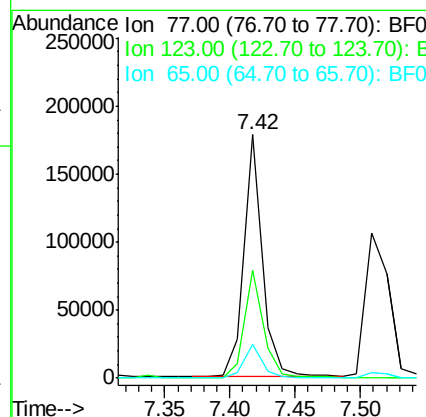
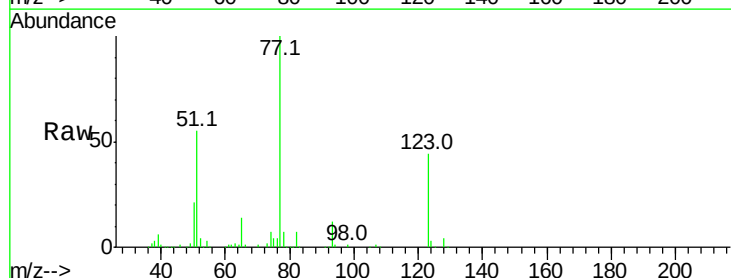
Manual Integrations
 APPROVED

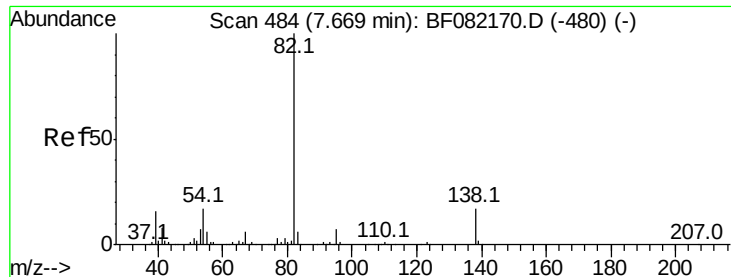
MMdadoda
 10/14/2015 3:51:15 PM



#24
 Nitrobenzene
 Concen: 36.35 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	33.0	49.4
65	13.9	11.2	16.8





#25

Isophorone

Concen: 36.92 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

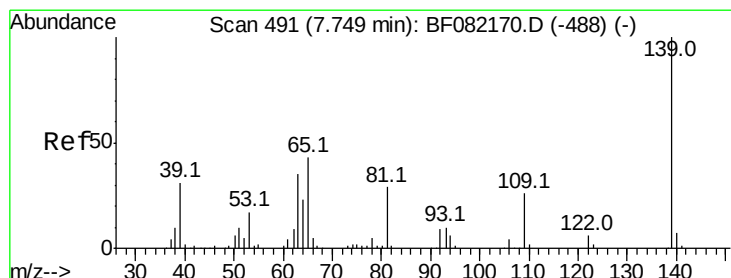
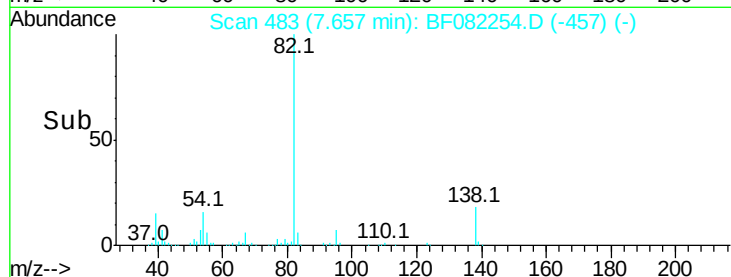
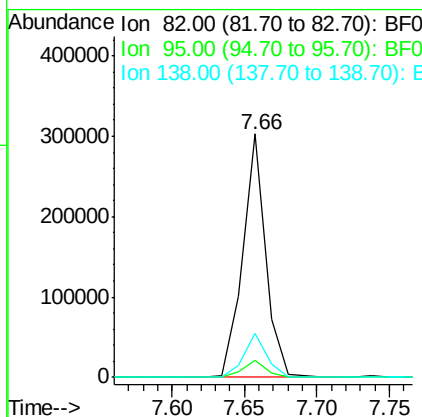
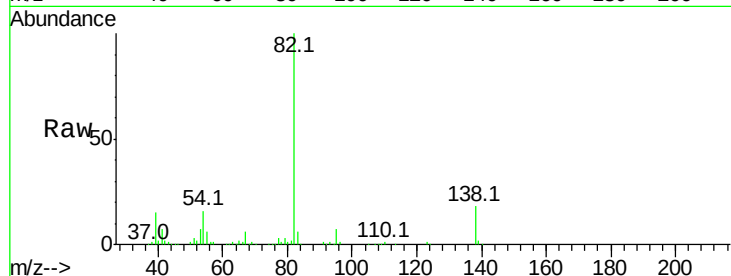
ClientSampleId :

PB86065BS

Tot Ion:	82	Resp:	330626
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.9	13.6	20.4

Manual Integrations
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MMdadoda
10/14/2015 3:51:15 PM



#26

2-Nitrophenol

Concen: 41.47 ng

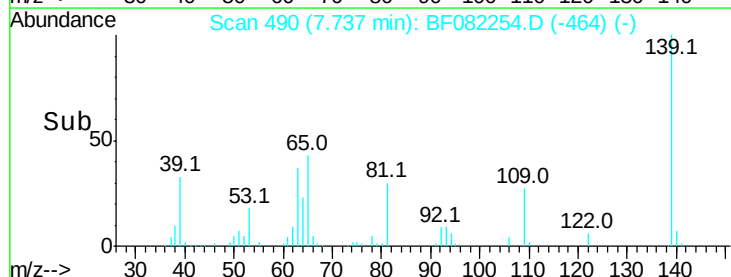
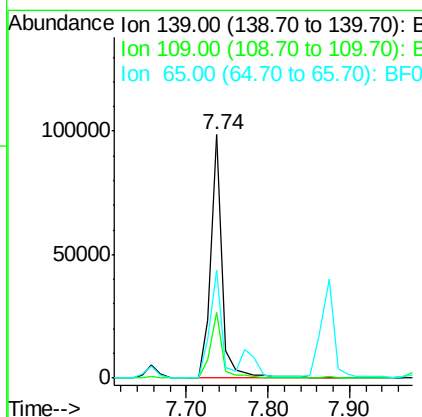
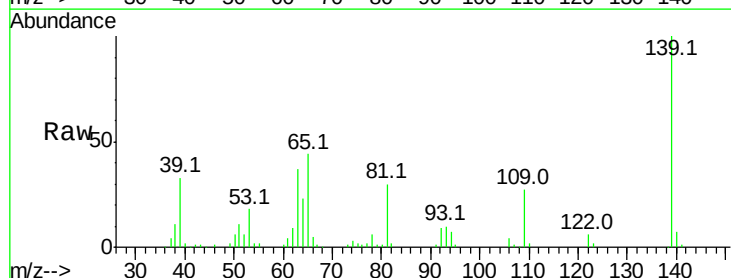
RT: 7.74 min Scan# 490

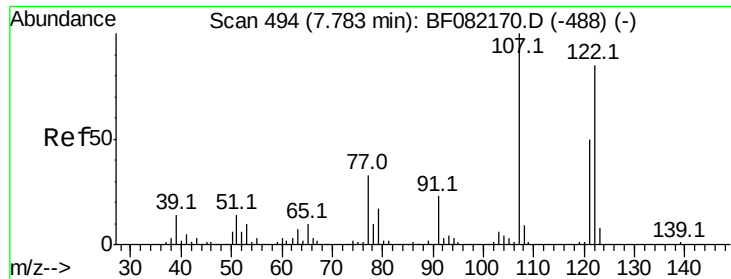
Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	139	Resp:	99440
Ion Ratio	Lower	Upper	
139	100		
109	26.8	20.6	31.0
65	44.4	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 39.95 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

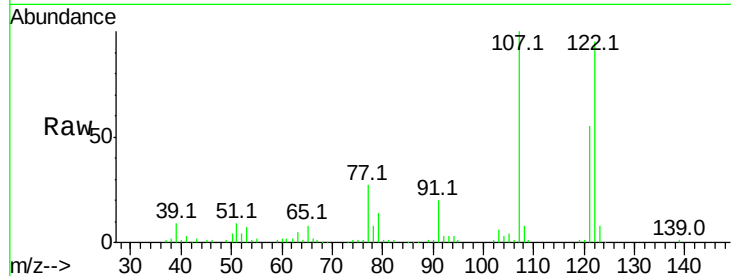
ClientSampled :

PB86065BS

Tot Ion:	122	Resp:	154352
Ion Ratio	Lower	Upper	
122	100		
107	105.1	94.0	141.0
121	57.4	46.8	70.2

Manual Integrations
APPROVED

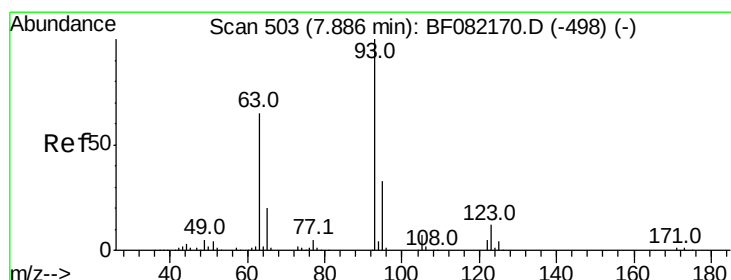
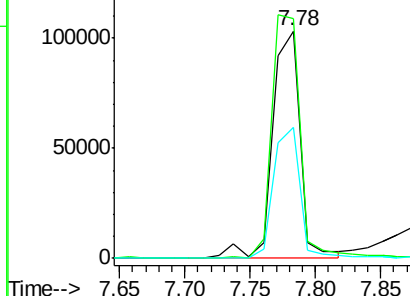
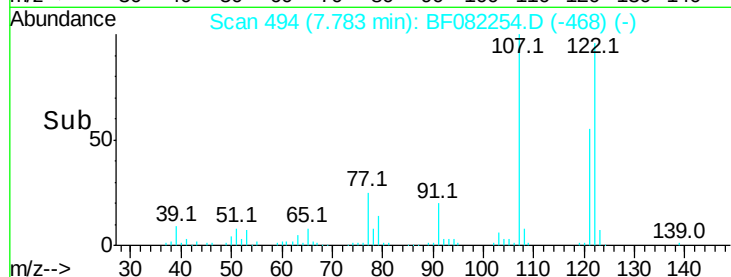
MMdadoda
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.07 ng

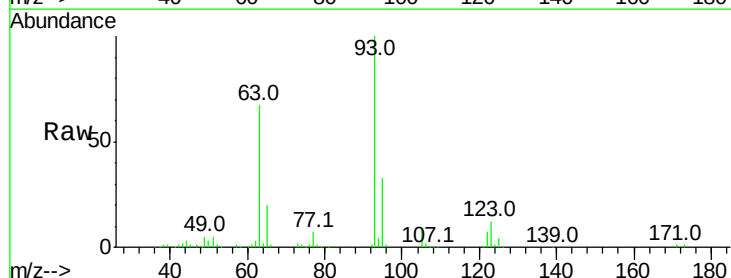
RT: 7.87 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

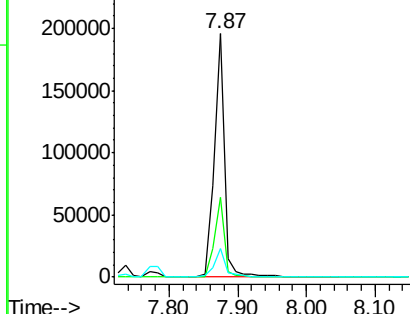
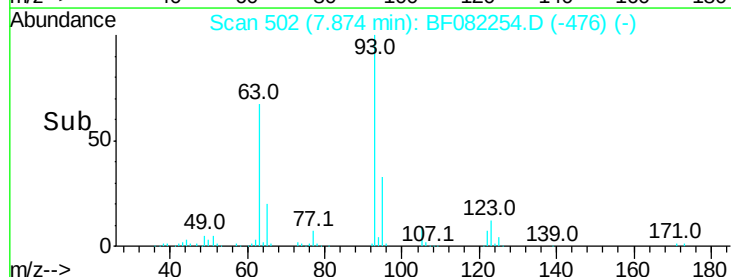
Tgt Ion:	93	Resp:	208790
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.6	39.8
123	11.6	9.5	14.3

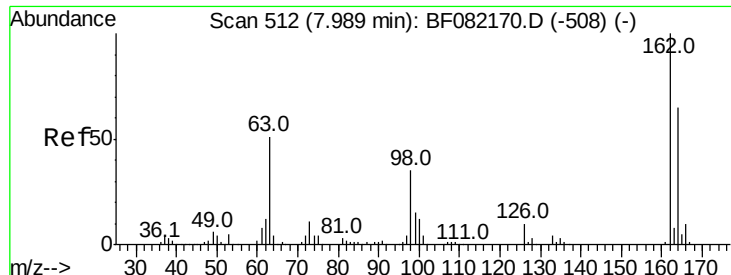


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





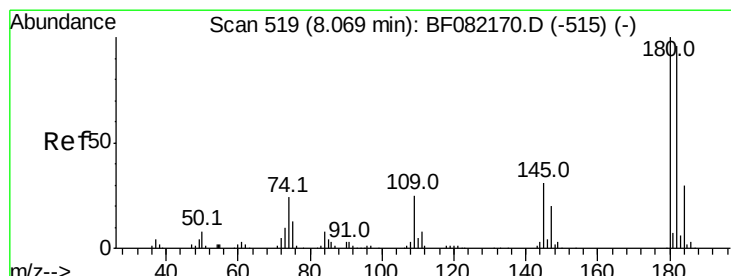
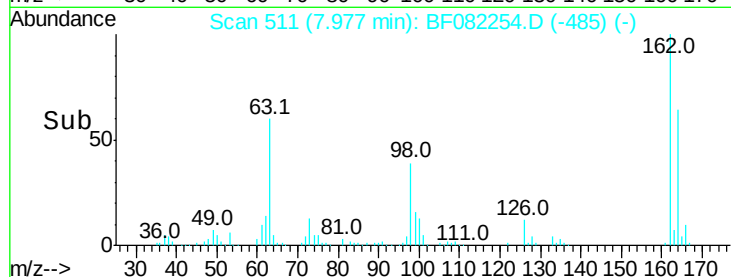
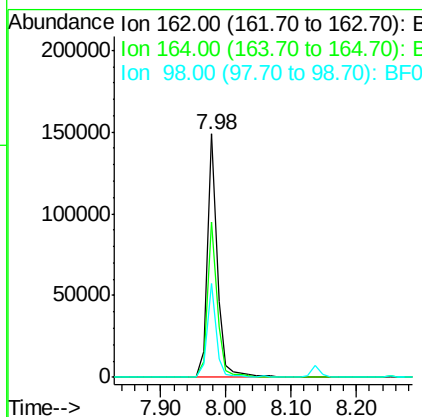
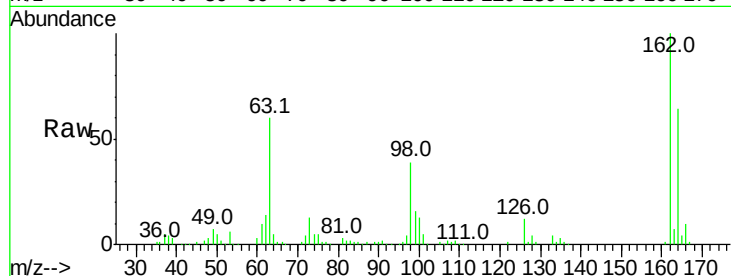
#29
 2,4-Dichlorophenol
 Concen: 41.00 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		158341		
164	63.8	44.6	84.6		
98	38.5	15.0	55.0		

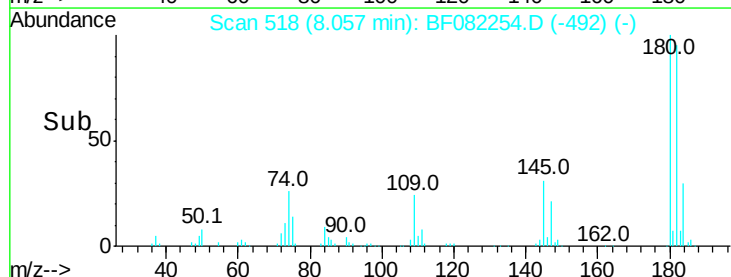
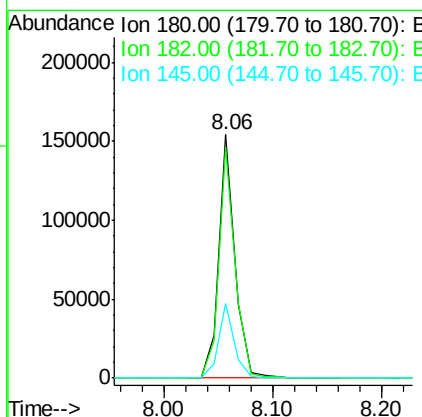
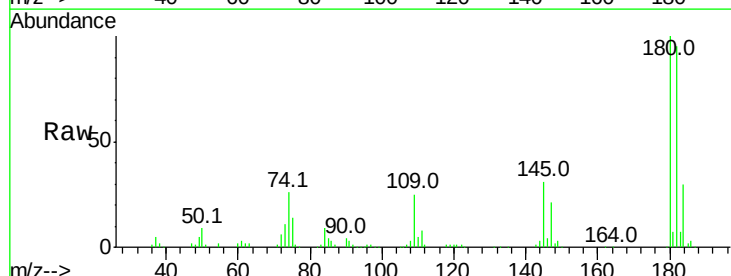
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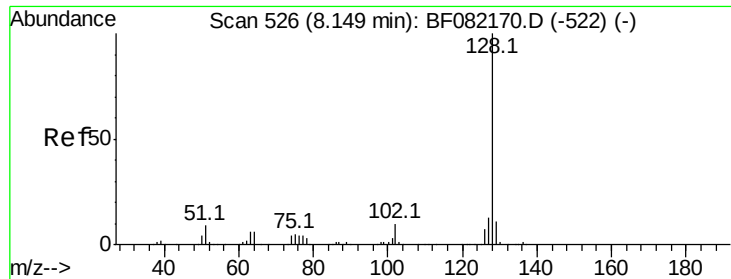
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.16 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		160962		
182	94.8	77.0	115.4		
145	30.7	25.0	37.4		





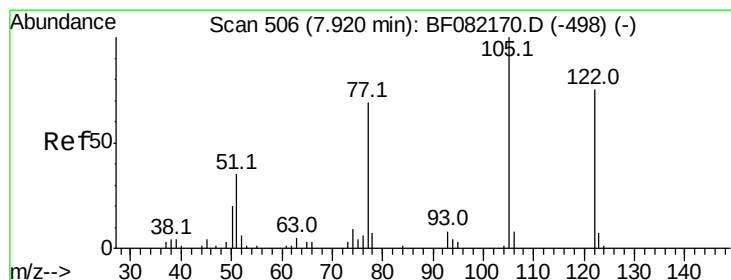
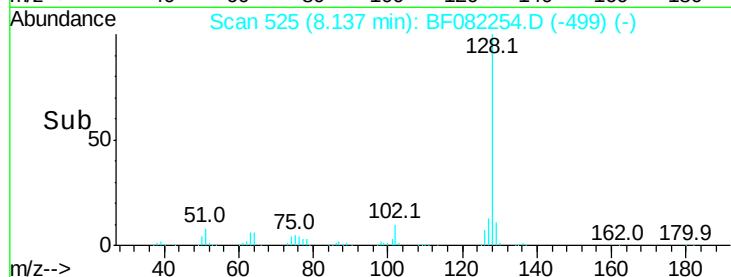
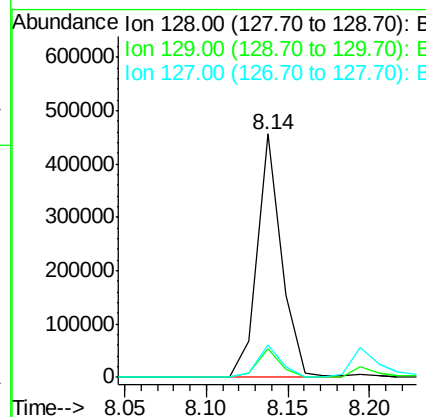
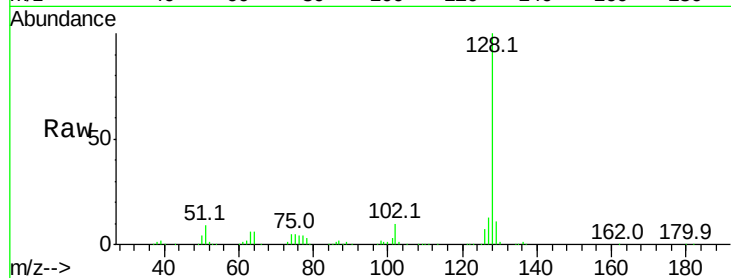
#31
Naphthalene
Concen: 36.86 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	9.1	13.7	
127	13.2	10.7	16.1	

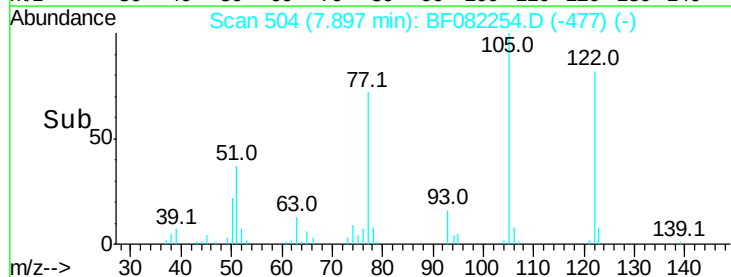
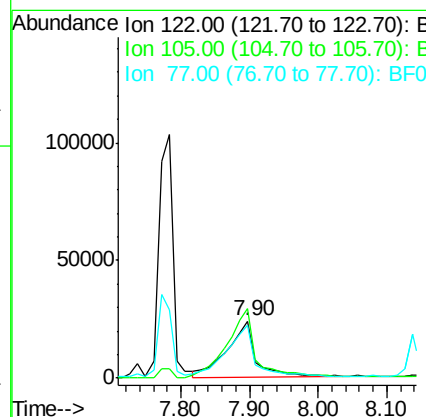
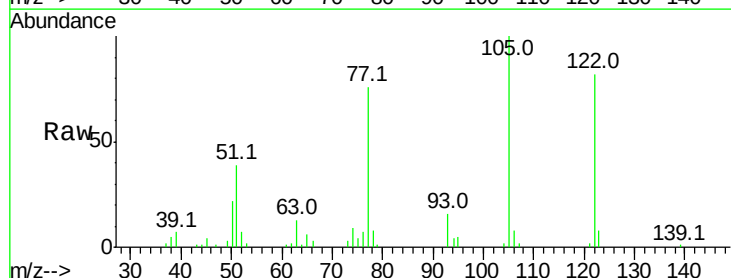
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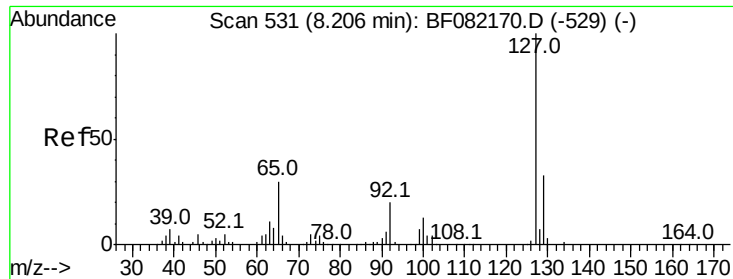
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#32
Benzoic acid
Concen: 27.04 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	121.6	104.4	144.4	
77	93.0	69.0	109.0	





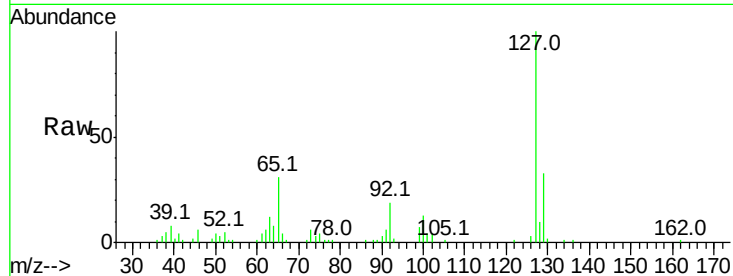
#33
4-Chloroaniline
Concen: 15.05 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

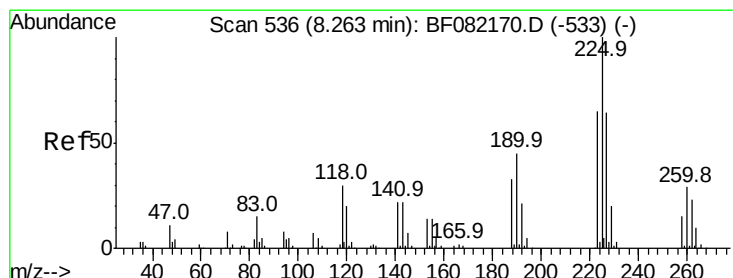
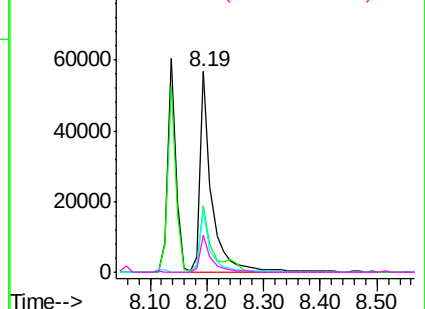
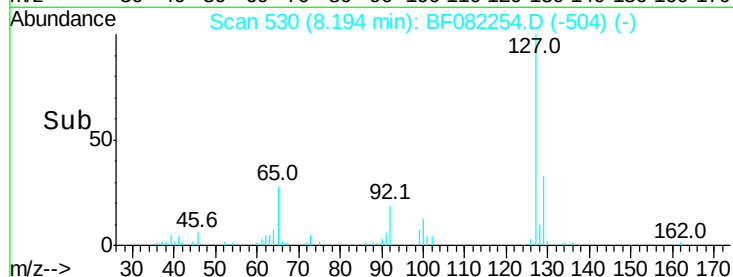
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	31.1	24.4	36.6
92	18.7	15.7	23.5

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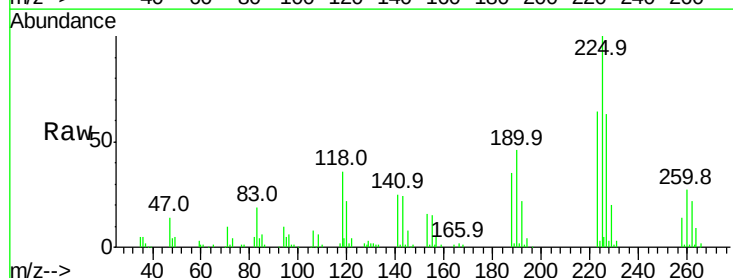


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

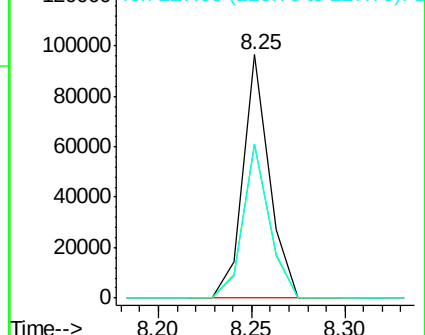
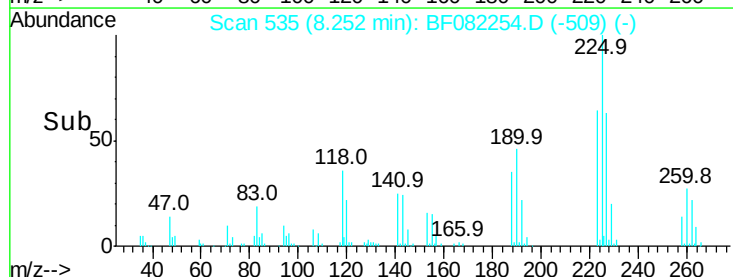


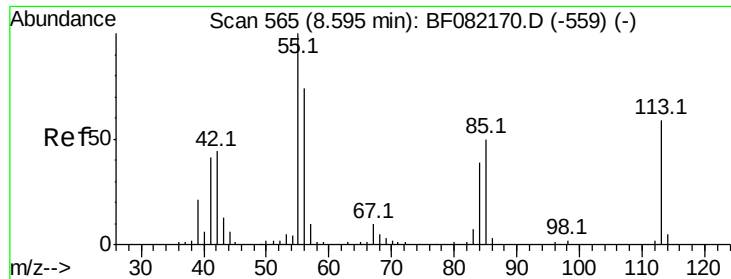
#34
Hexachlorobutadiene
Concen: 34.18 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.2
227	63.5	51.3	76.9



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





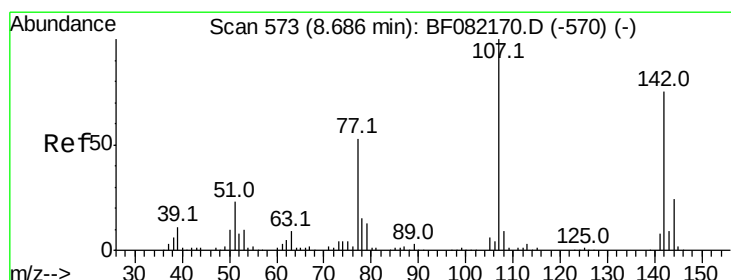
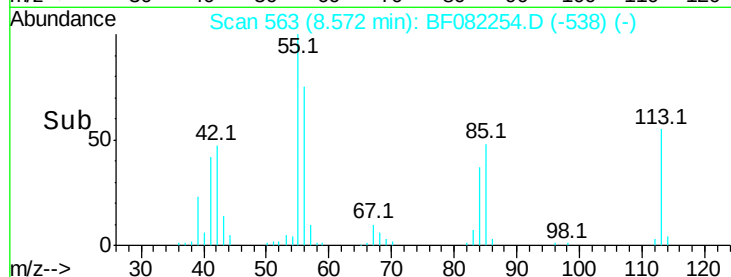
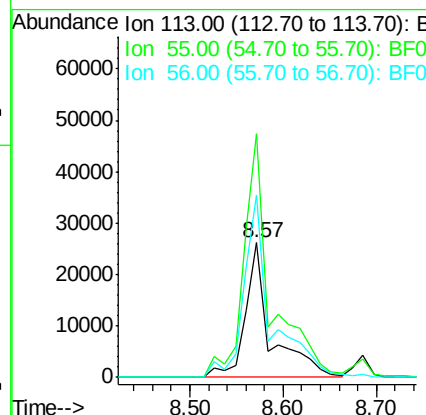
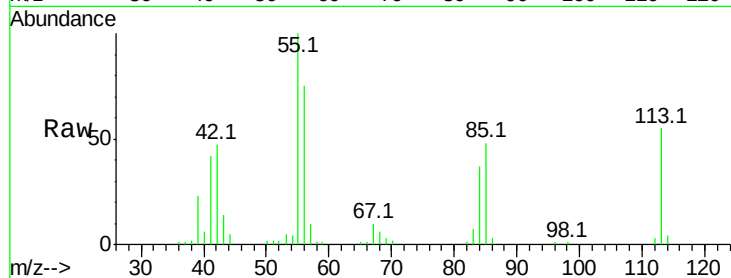
#35
 Caprolactam
 Concen: 44.18 ng
 RT: 8.57 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	181.3	149.7	189.7
56	135.7	105.4	145.4

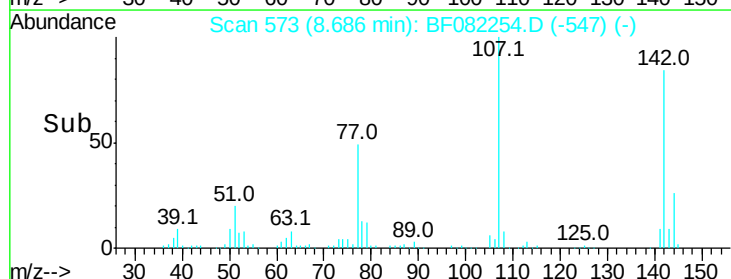
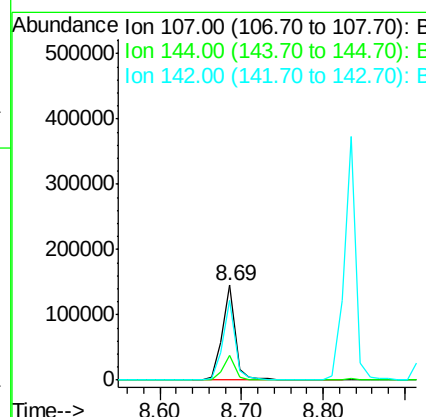
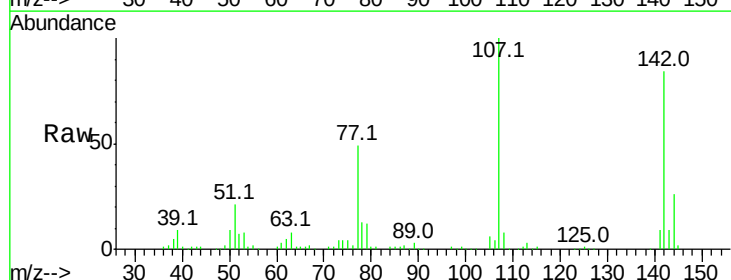
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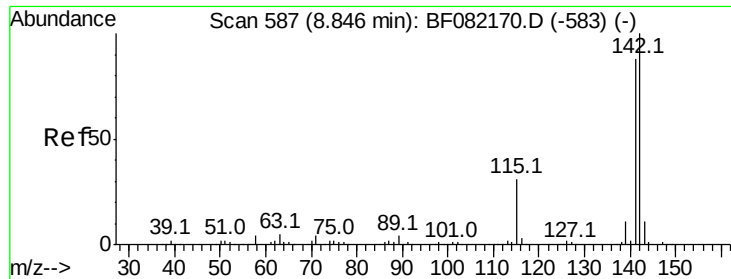
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#36
 4-Chloro-3-methylphenol
 Concen: 43.31 ng
 RT: 8.69 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.3	28.9
142	83.8	59.9	89.9





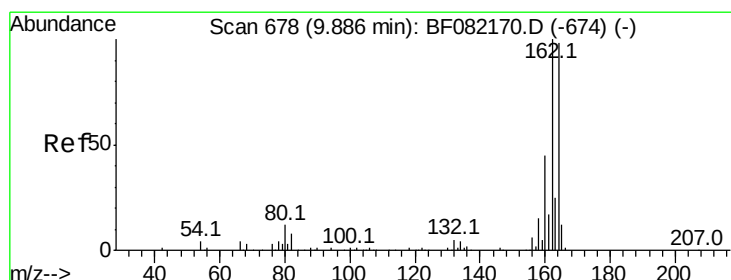
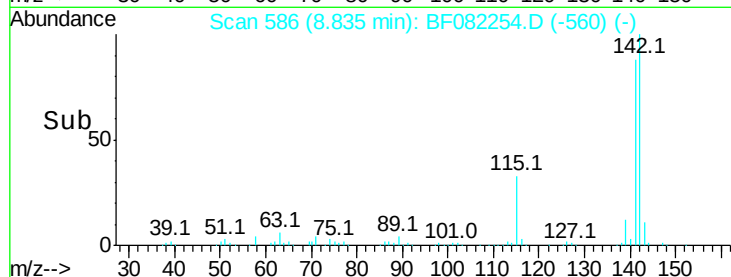
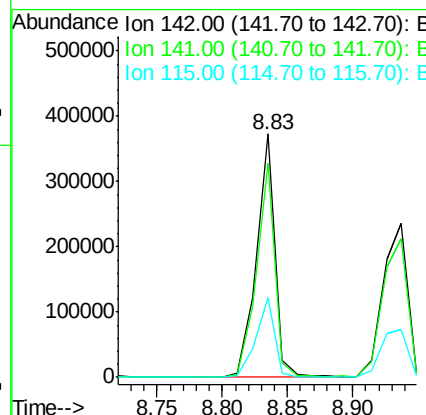
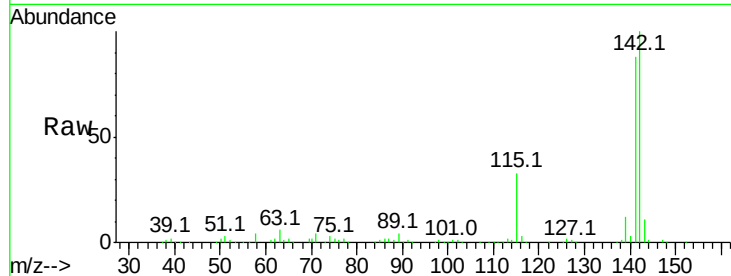
#37
2-Methylnaphthalene
Concen: 40.93 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.4	105.6
115	32.6	24.6	37.0

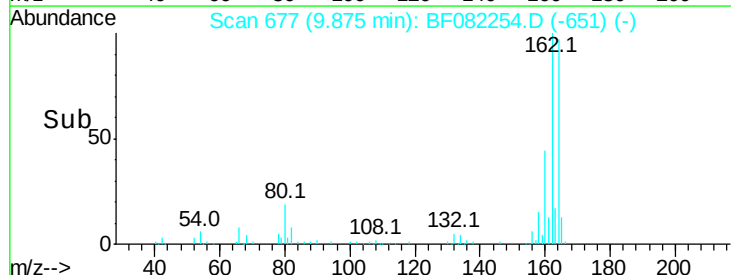
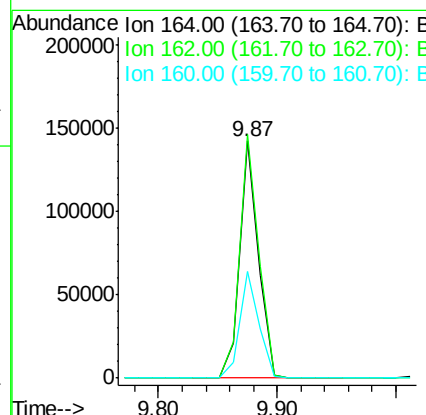
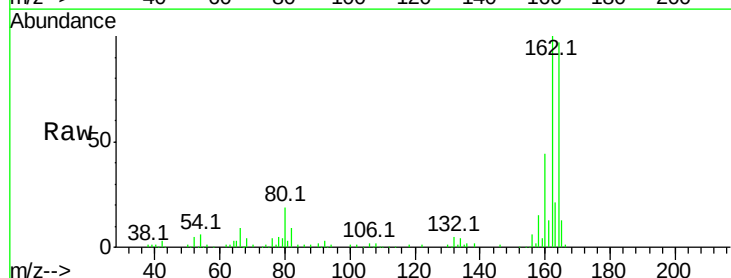
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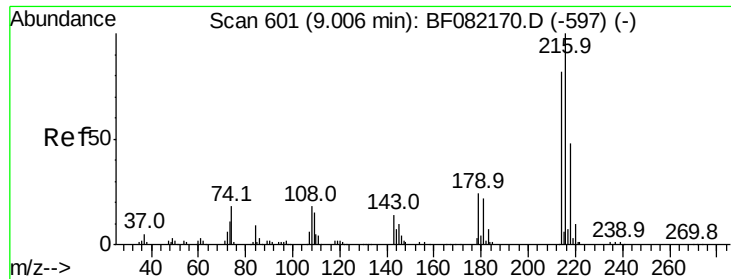
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.6	122.4
160	44.8	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.75 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

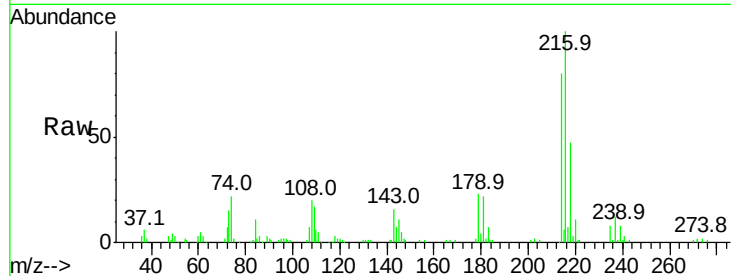
ClientSampleId :

PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	161499		
214	78.1	64.6	97.0	
179	20.1	17.6	26.4	
108	17.9	14.5	21.7	

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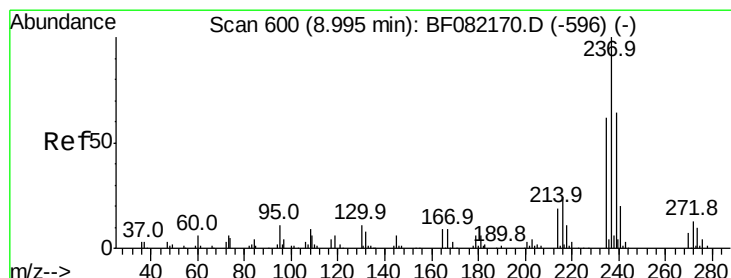
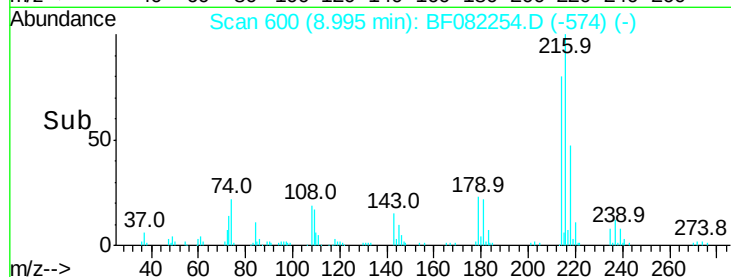
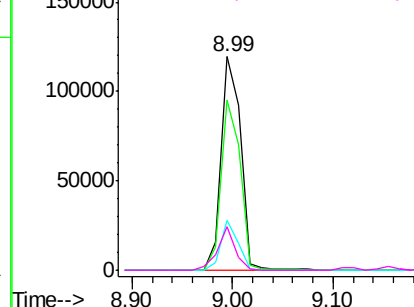


Abundance Ion 216.00 (215.70 to 216.70): E

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: 64.35 ng

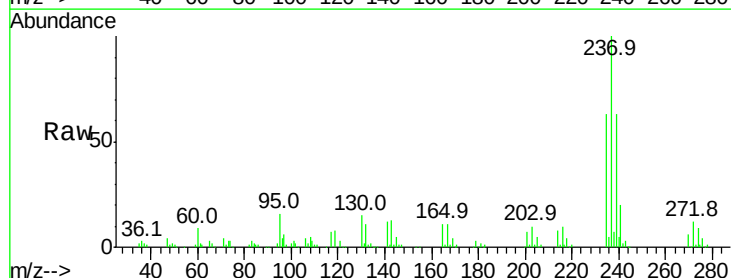
RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

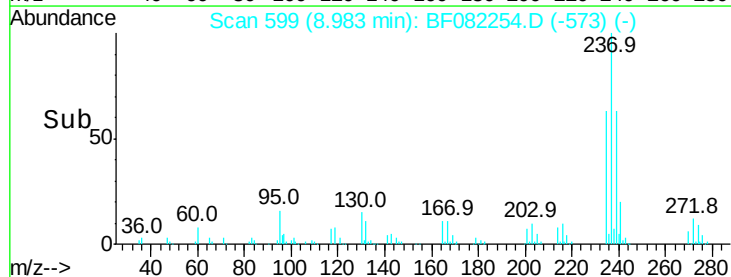
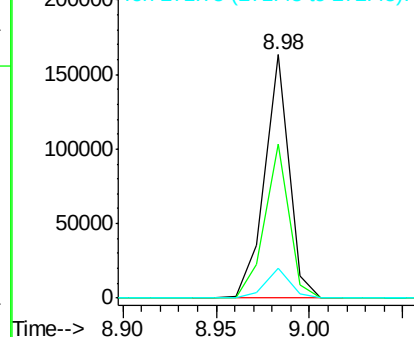
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	147059		
235	63.5	41.7	81.7	
272	12.0	0.0	32.8	

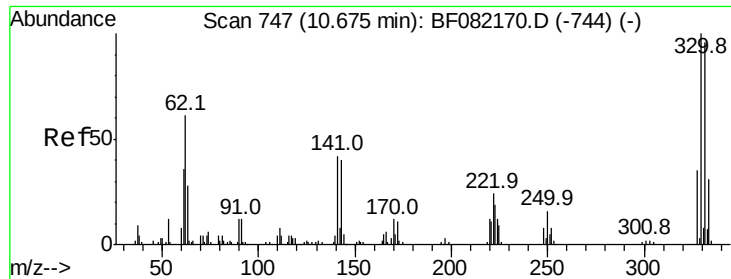


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





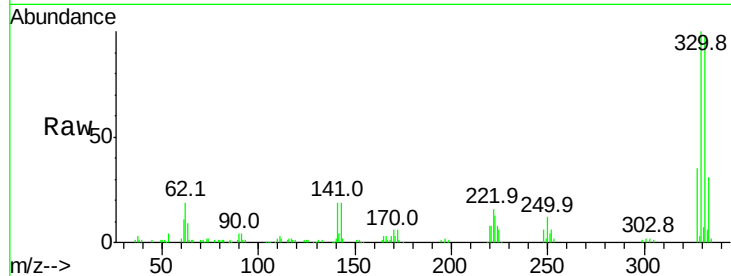
#41
 2,4,6-Tribromophenol
 Concen: 82.03 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

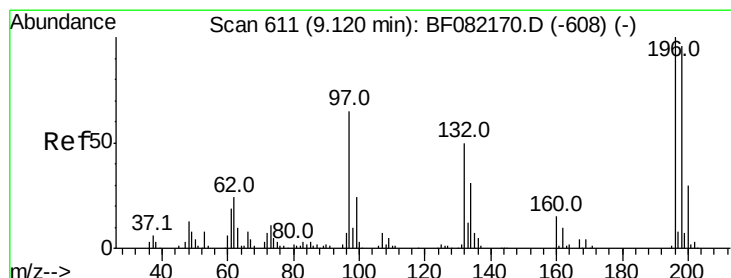
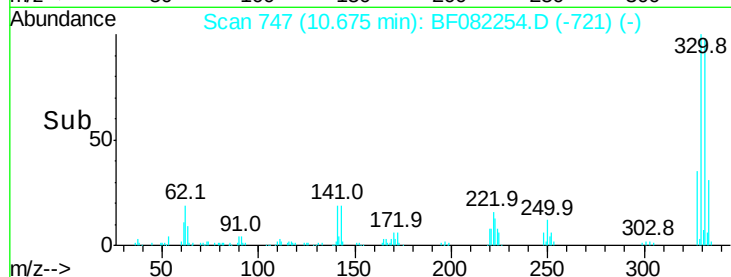
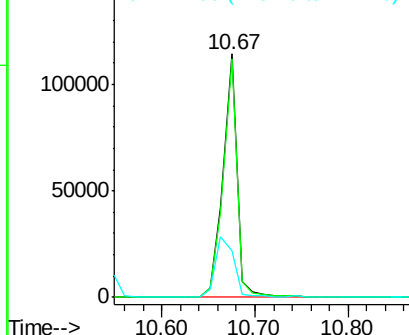
Tot Ion	Ratio	Resp	Lower	Upper
330	100	120193		
332	97.6	77.1	115.7	
141	32.7	29.8	44.8	

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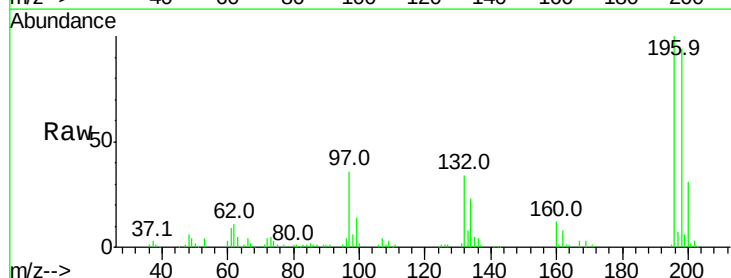


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

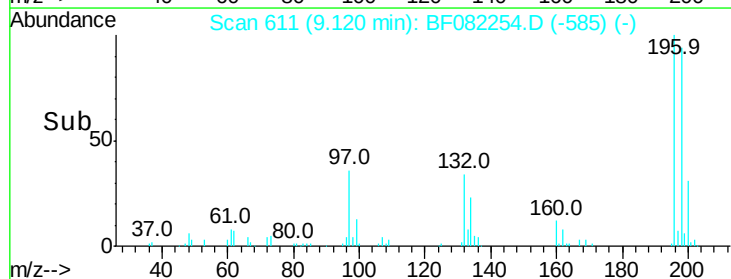
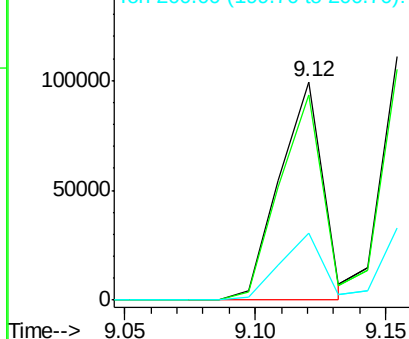


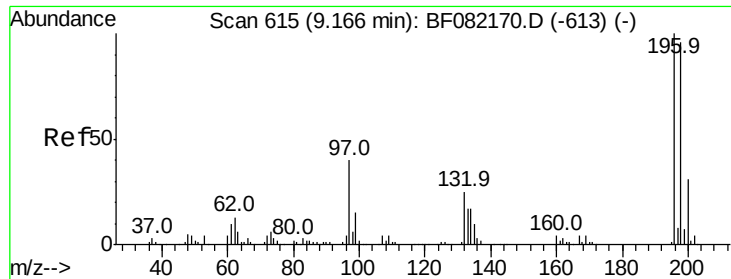
#42
 2,4,6-Trichlorophenol
 Concen: 36.67 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	113176		
198	94.0	76.6	115.0	
200	30.8	23.7	35.5	



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





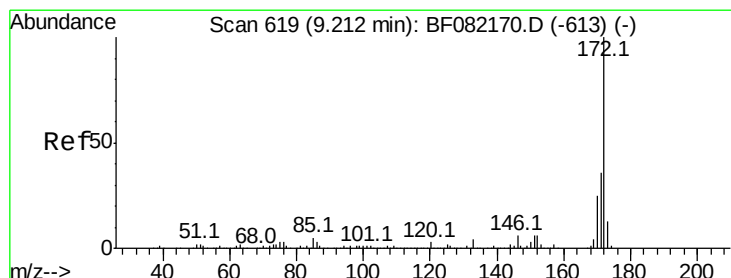
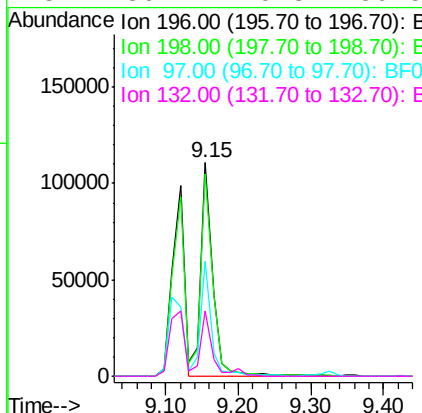
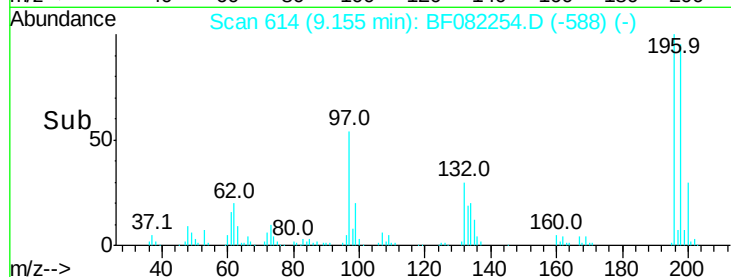
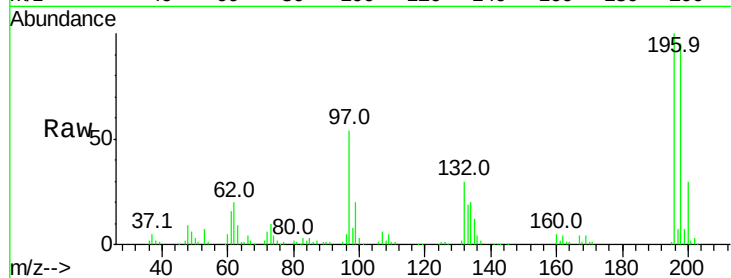
#43
 2,4,5-Trichlorophenol
 Concen: 37.60 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125726		
198	94.7	77.0	115.4	
97	54.0	31.9	47.9#	
132	30.4	20.3	30.5	

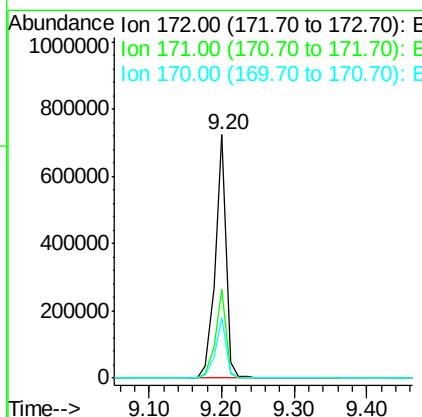
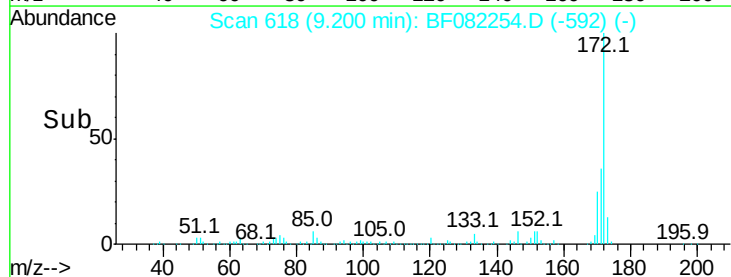
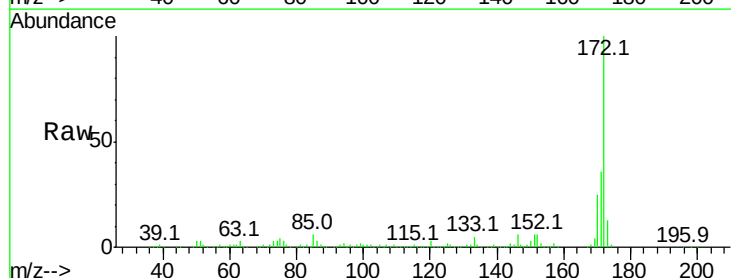
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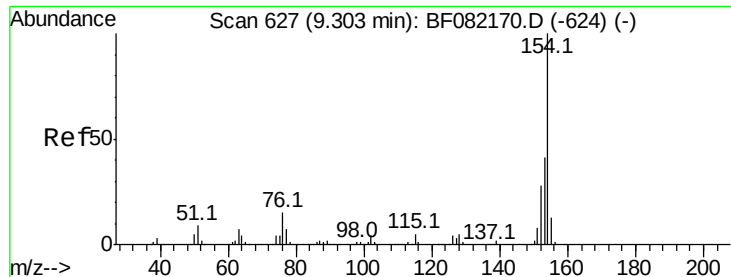
MMdadoda
 10/14/2015 3:51:15 PM



#44
 2-Fluorobiphenyl
 Concen: 79.57 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	749638		
171	36.3	28.6	42.8	
170	24.6	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 36.70 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

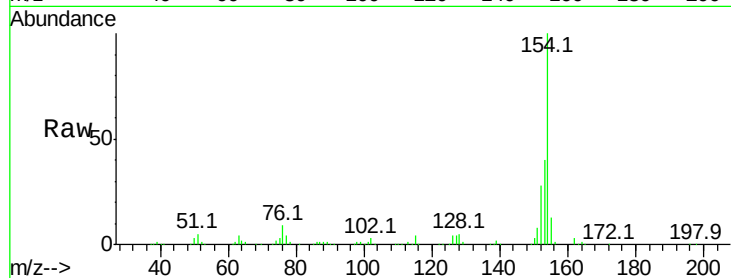
ClientSampleId :

PB86065BS

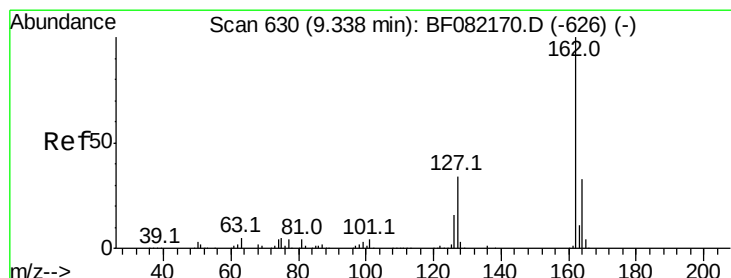
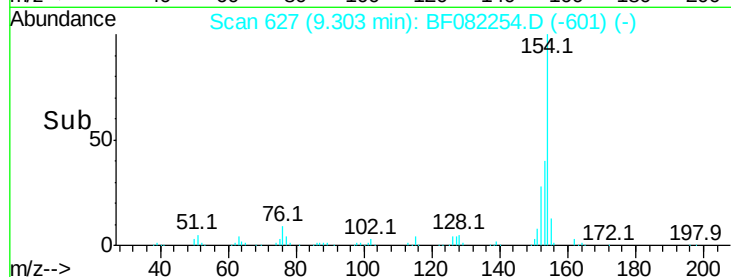
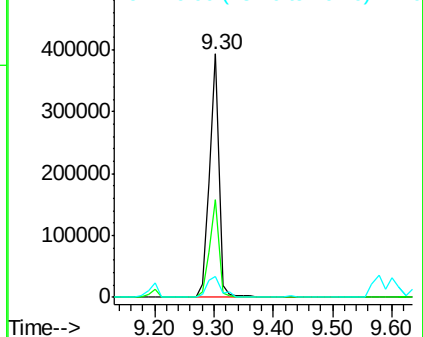
Tot Ion:	154	Resp:	437292
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	8.7	0.0	35.2

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 36.94 ng

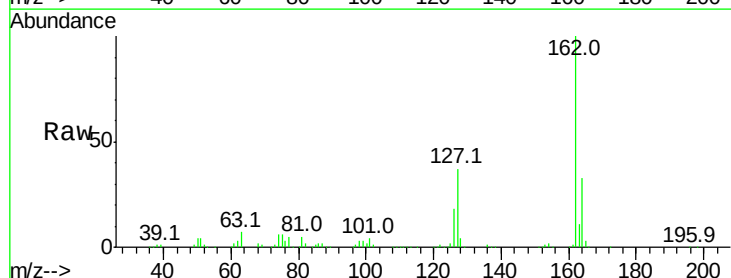
RT: 9.33 min Scan# 629

Delta R.T. -0.00 min

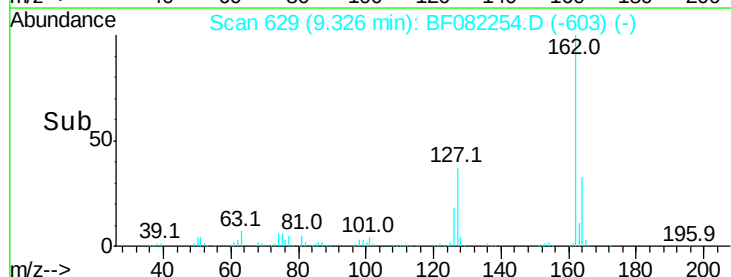
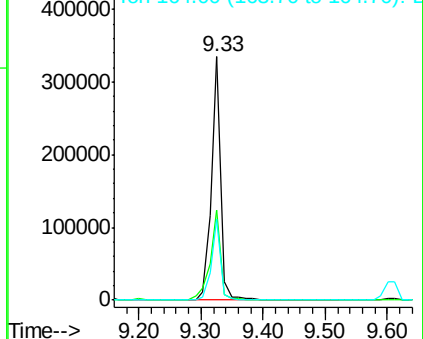
Lab File: BF082254.D

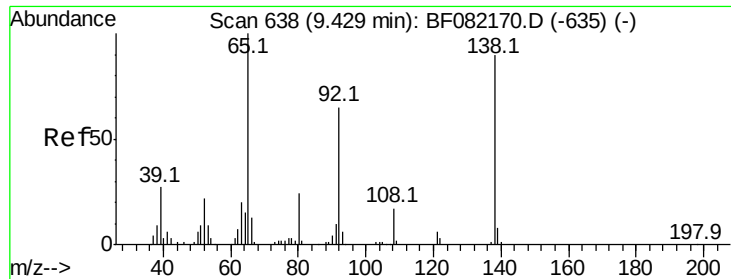
Acq: 13 Oct 2015 15:12

Tgt Ion:	162	Resp:	346499
Ion Ratio	Lower	Upper	
162	100		
127	36.8	27.5	41.3
164	33.3	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





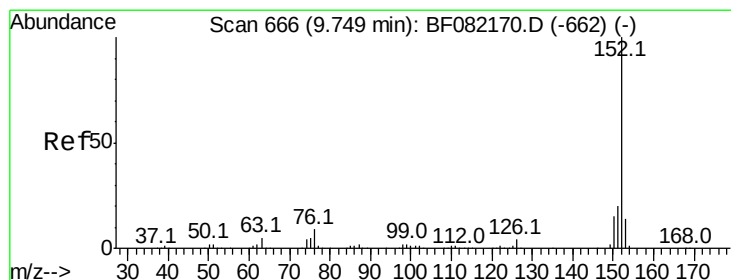
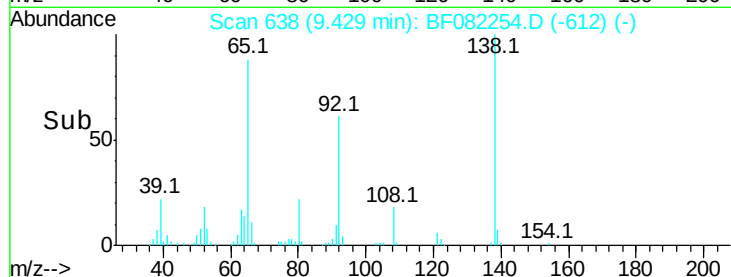
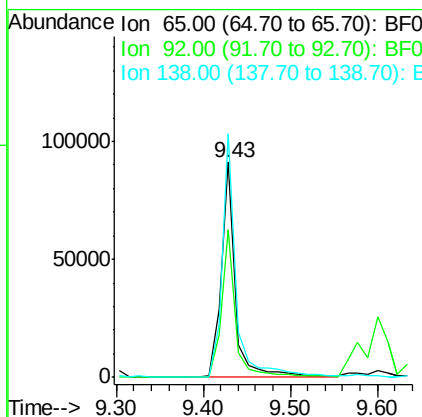
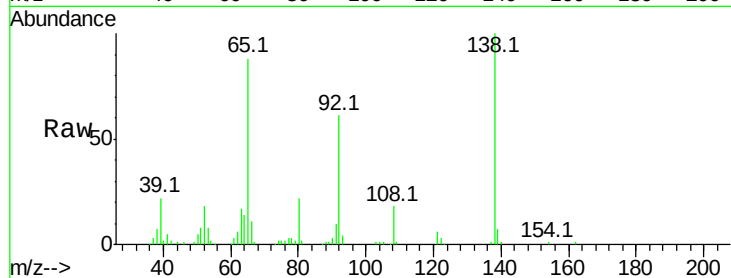
#47
2-Nitroaniline
Concen: 41.05 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105691		
92	68.8	52.3	78.5	
138	113.1	72.2	108.4	

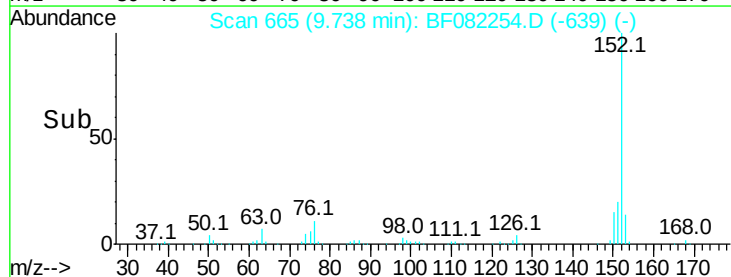
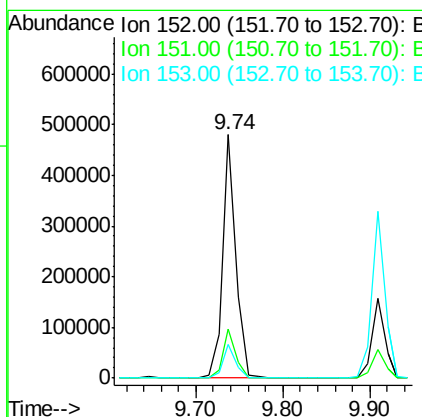
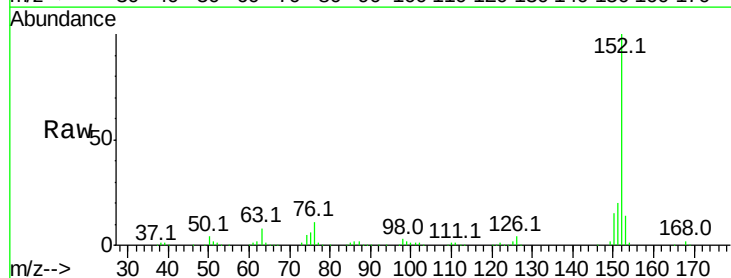
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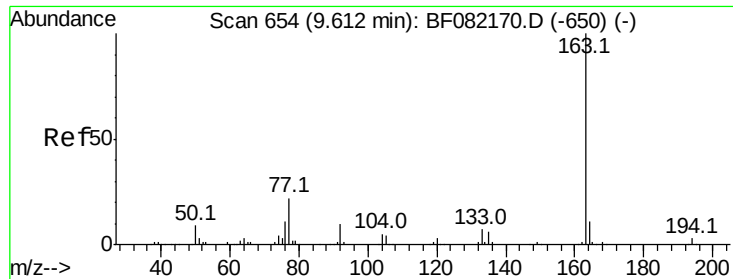
MMdadoda
10/14/2015 3:51:15 PM



#48
Acenaphthylene
Concen: 35.07 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	512438		
151	20.4	16.4	24.6	
153	13.8	10.8	16.2	





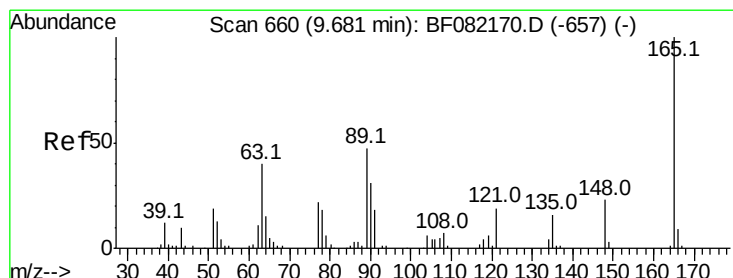
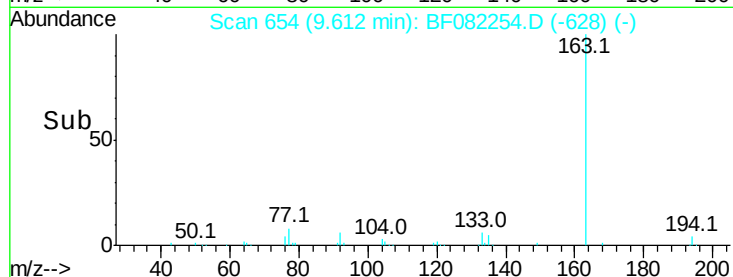
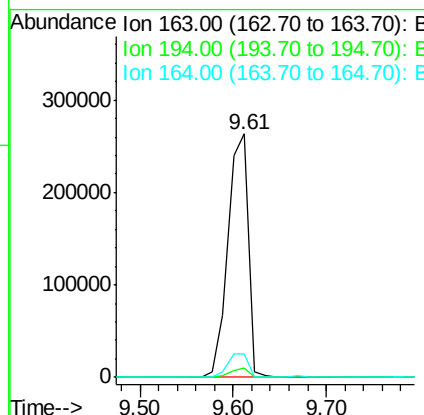
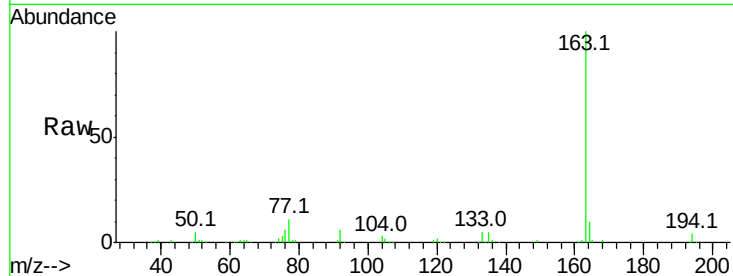
#49
Dimethylphthalate
Concen: 36.51 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.0	2.6	4.0#
164	9.5	8.5	12.7

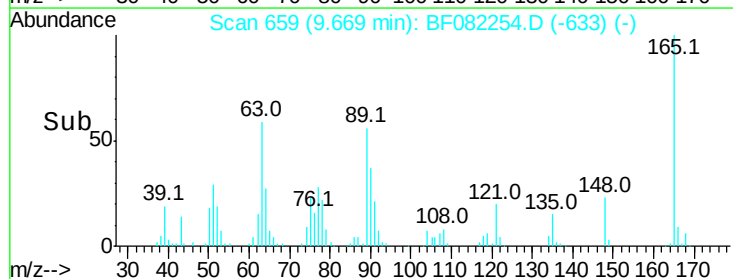
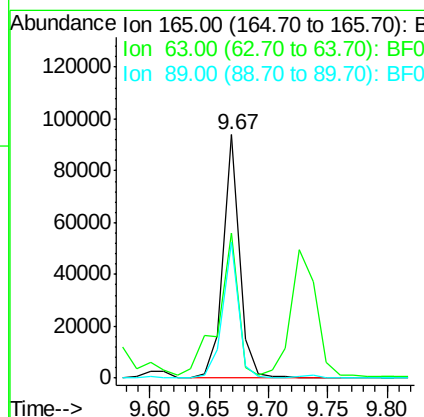
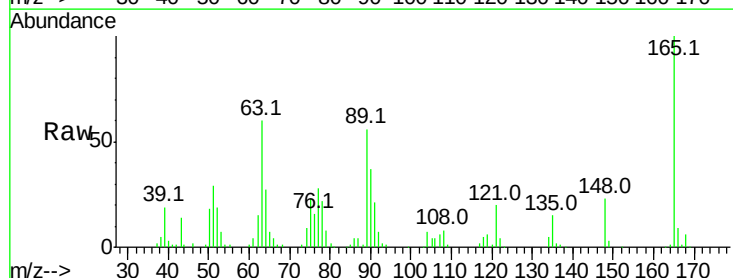
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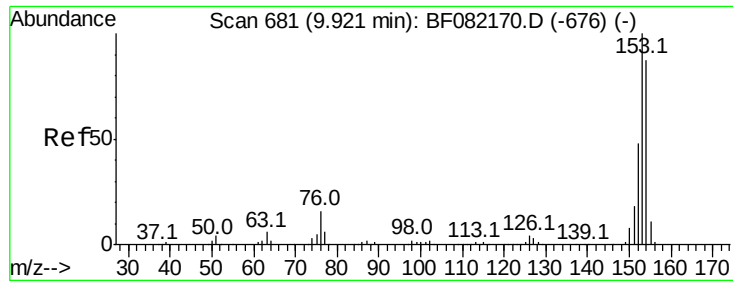
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 38.53 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	59.6	36.7	55.1#
89	55.7	37.8	56.6





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

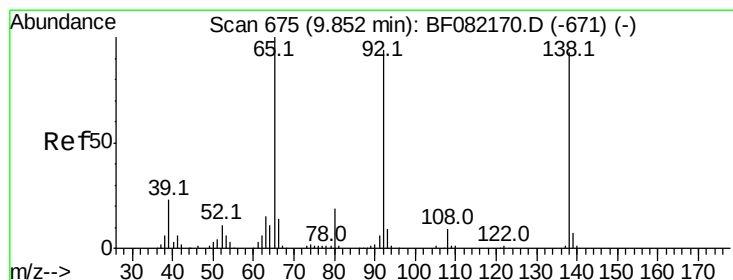
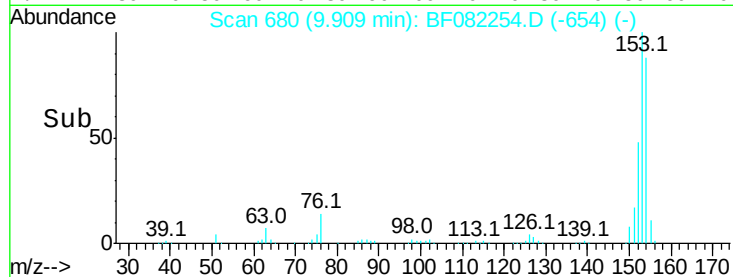
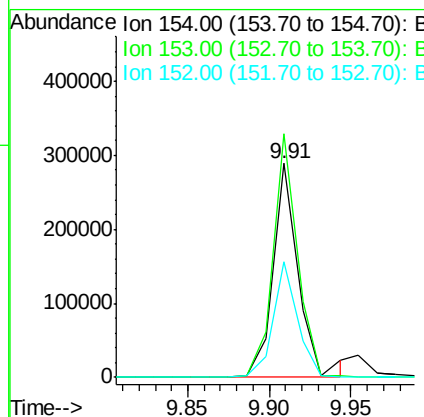
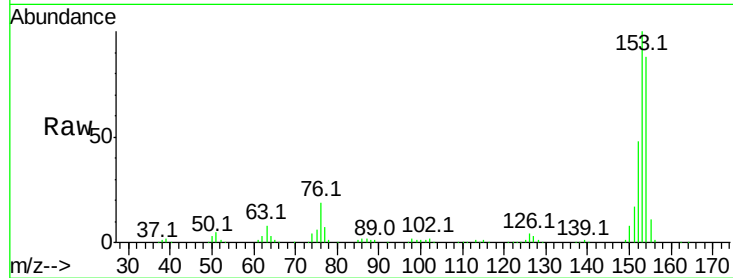
ClientSampleId :

PB86065BS

Tot Ion:	154	Resp:	315284
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.4	137.2
152	54.3	44.3	66.5

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#52

3-Nitroaniline

Concen: 17.02 ng

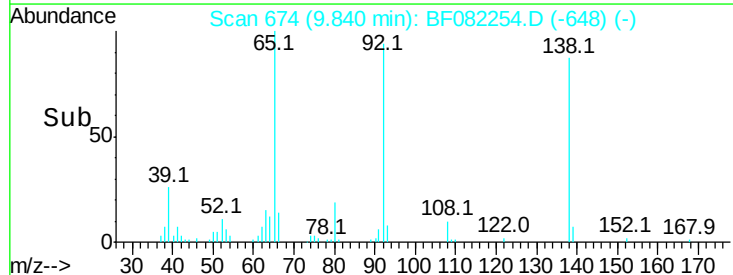
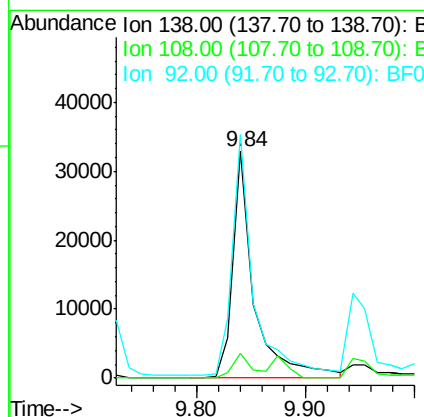
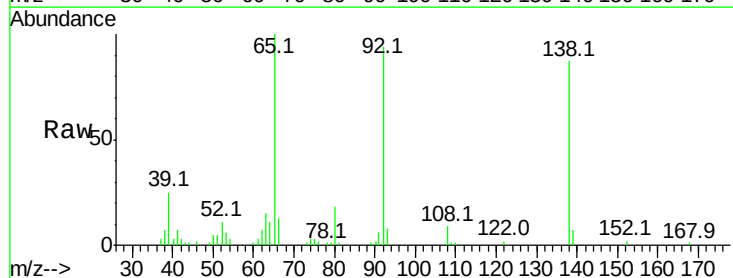
RT: 9.84 min Scan# 674

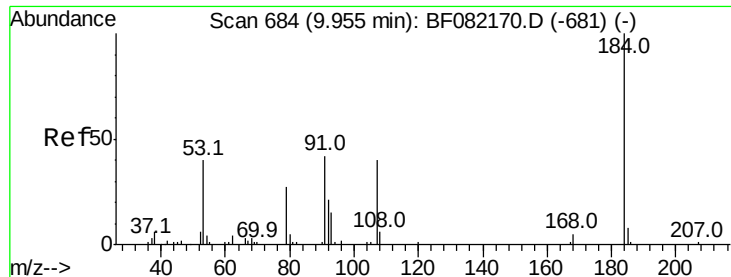
Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	138	Resp:	44633
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.4	11.0
92	107.4	81.3	121.9





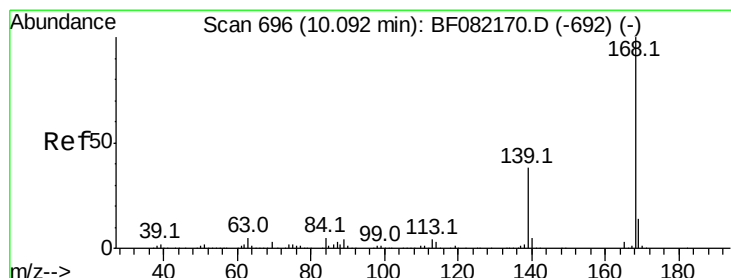
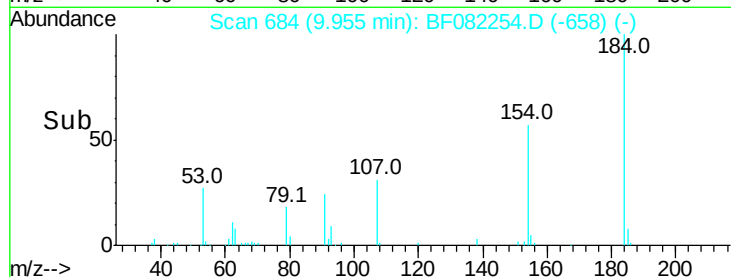
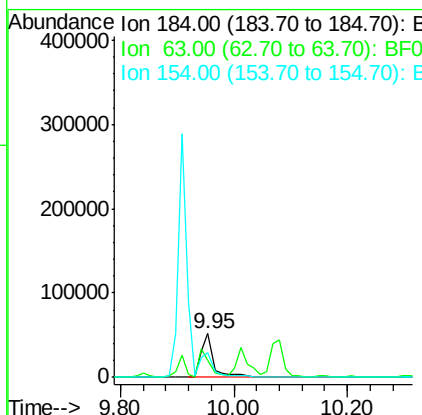
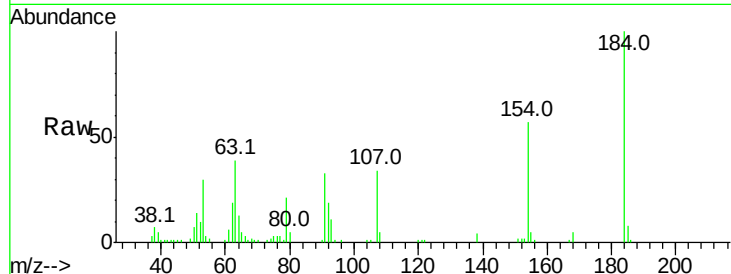
#53
2,4-Dinitrophenol
Concen: 62.82 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	38.8	45.1	67.7#
154	57.3	51.2	76.8

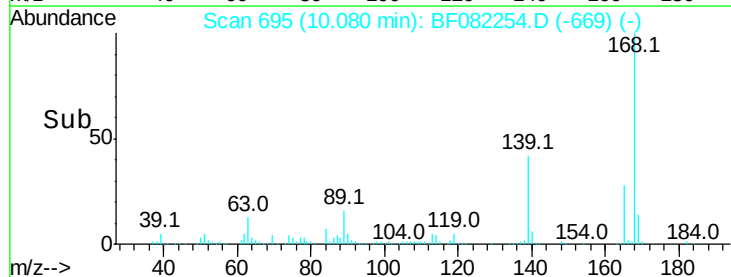
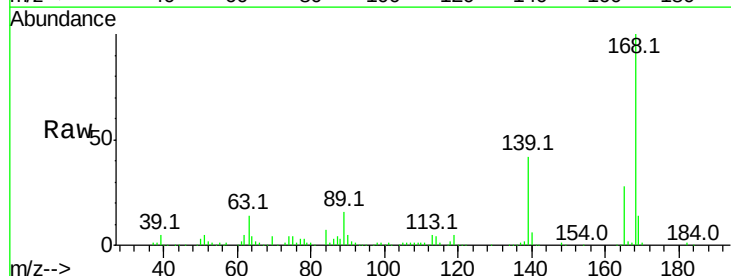
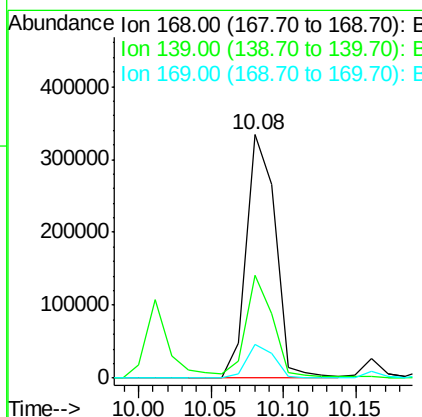
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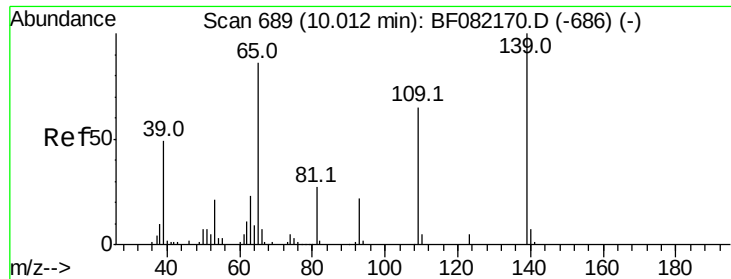
MMdadoda
10/14/2015 3:51:15 PM



#54
Dibenzofuran
Concen: 38.57 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.0	46.6
169	13.9	10.9	16.3





#55

4-Nitrophenol

Concen: 71.91 ng

RT: 10.01 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

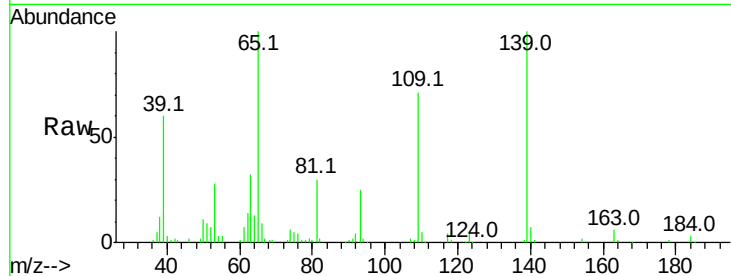
ClientSampleId :

PB86065BS

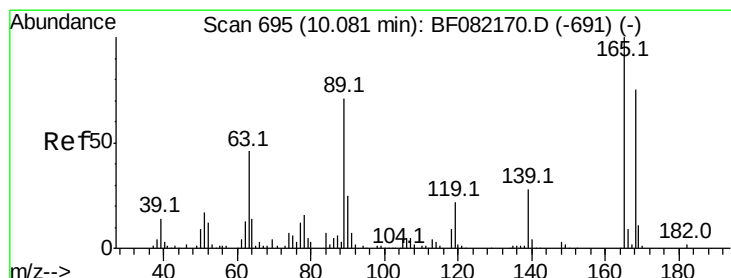
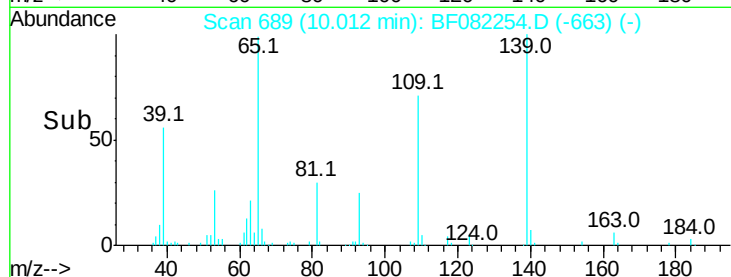
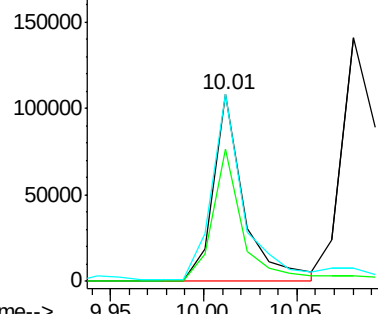
Tot Ion:	139	Resp:	124986
Ion Ratio	Lower	Upper	
139	100		
109	70.7	44.8	84.8
65	100.2	67.7	107.7

Manual Integrations
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.36 ng

RT: 10.08 min Scan# 695

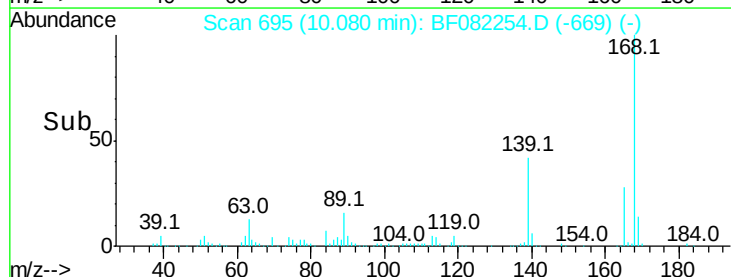
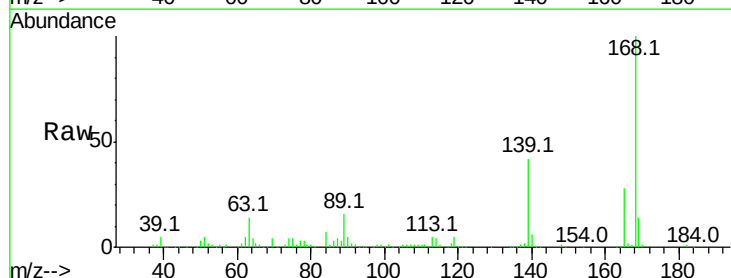
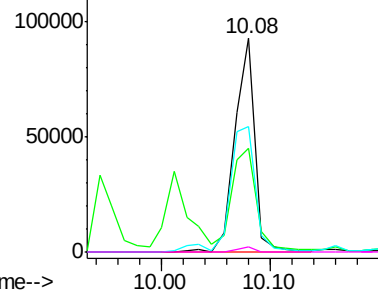
Delta R.T. -0.00 min

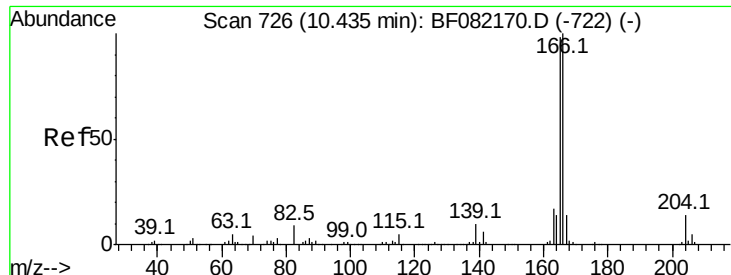
Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	165	Resp:	120017
Ion Ratio	Lower	Upper	
165	100		
63	48.8	38.6	58.0
89	58.8	57.0	85.6
182	2.6	1.8	2.6

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.95 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

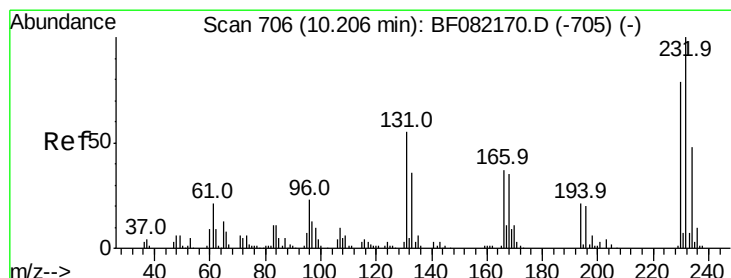
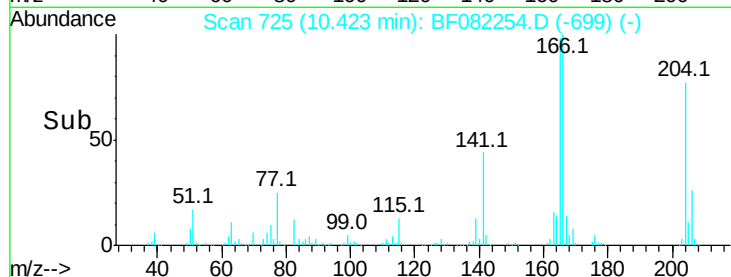
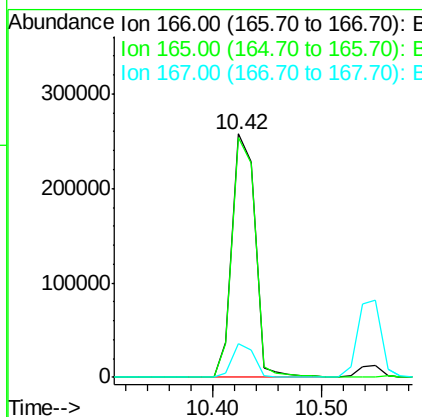
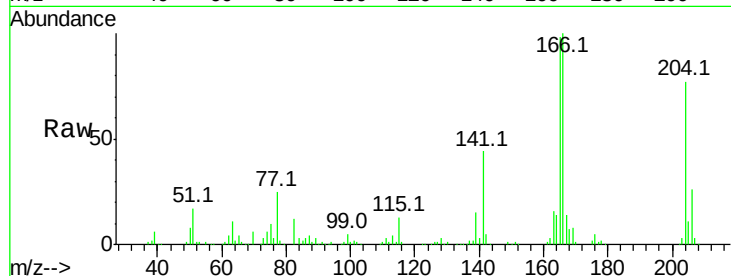
ClientSampleId :

PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	375352		
165	98.3	78.3	117.5	
167	13.8	10.8	16.2	

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10/14/2015 3:51:15 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.10 ng

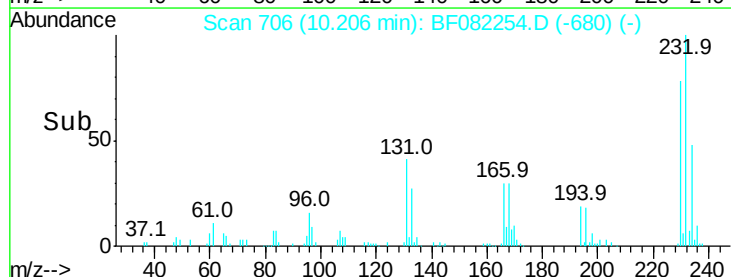
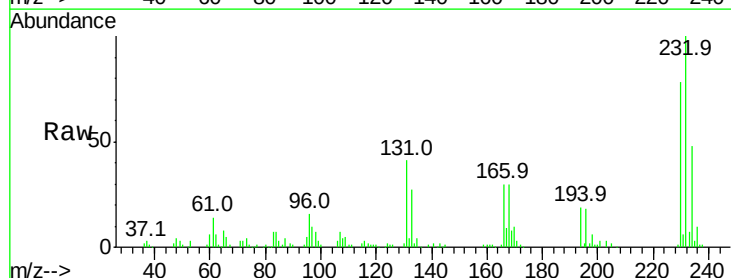
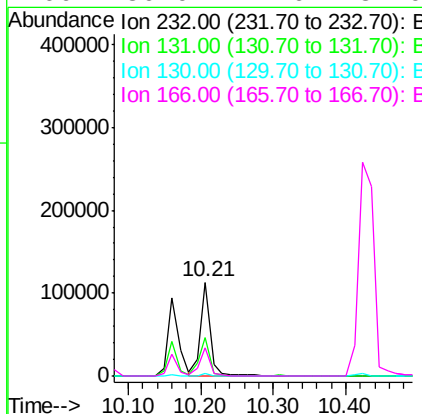
RT: 10.21 min Scan# 706

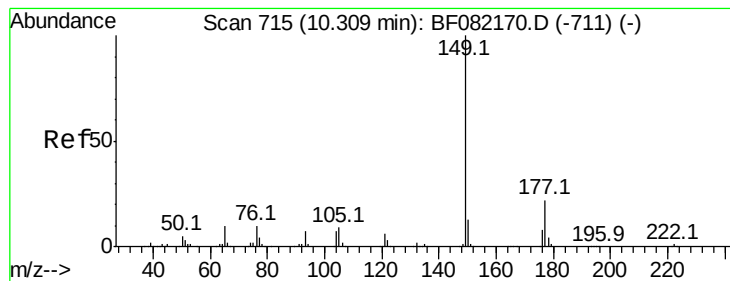
Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	109540		
131	43.2	36.6	54.8	
130	2.0	1.5	2.3	
166	30.0	24.6	37.0	





#59

Diethylphthalate

Concen: 39.08 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

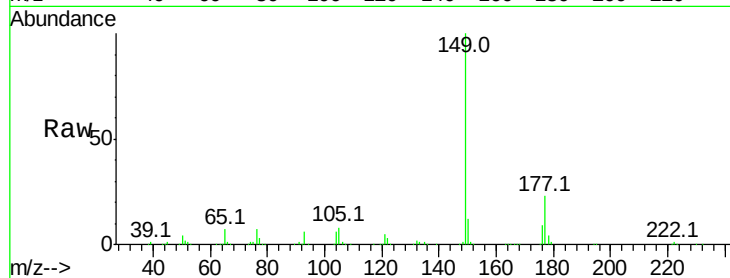
ClientSampleId :

PB86065BS

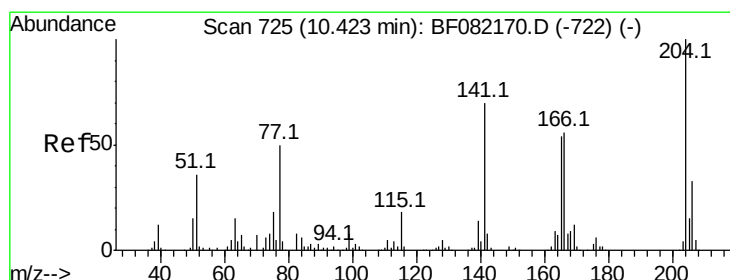
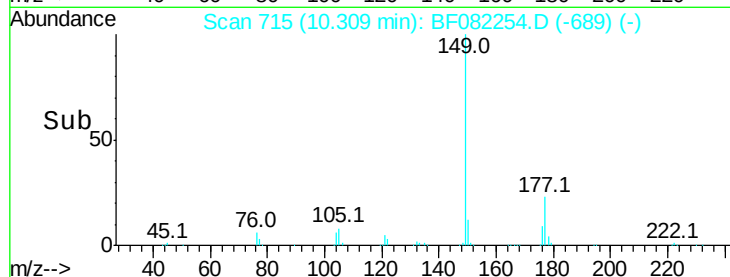
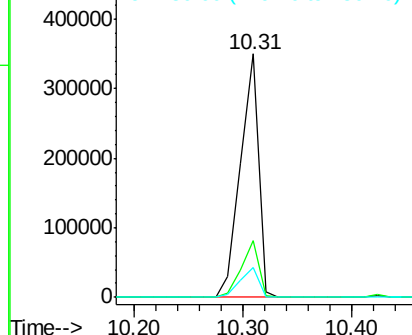
Tot Ion:	149	Resp:	400767
Ion Ratio	Lower	Upper	
149	100		
177	23.3	17.6	26.4
150	12.3	10.3	15.5

Manual Integrations
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MMdadoda
10/14/2015 3:51:15 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.71 ng

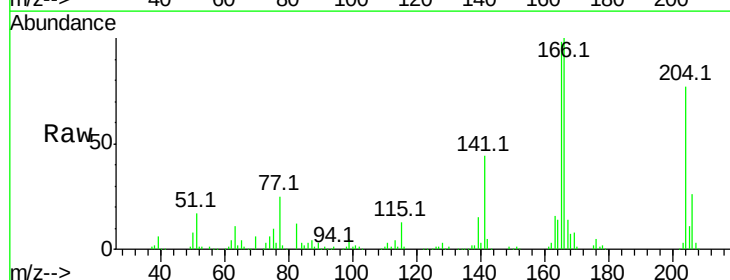
RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

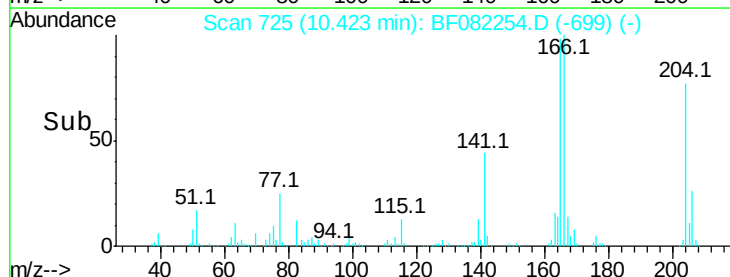
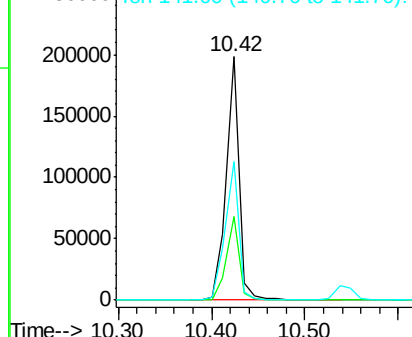
Lab File: BF082254.D

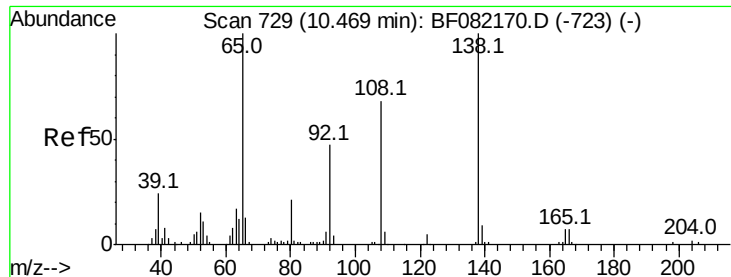
Acq: 13 Oct 2015 15:12

Tgt Ion:	204	Resp:	188988
Ion Ratio	Lower	Upper	
204	100		
206	34.3	26.8	40.2
141	56.8	56.1	84.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





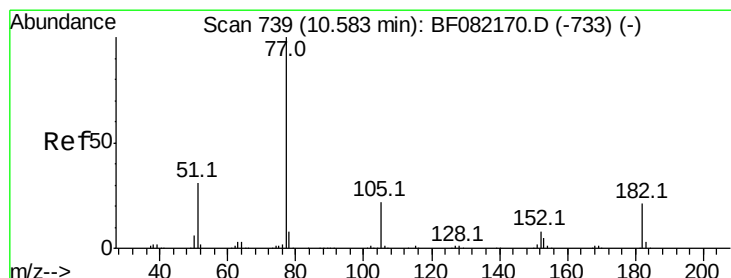
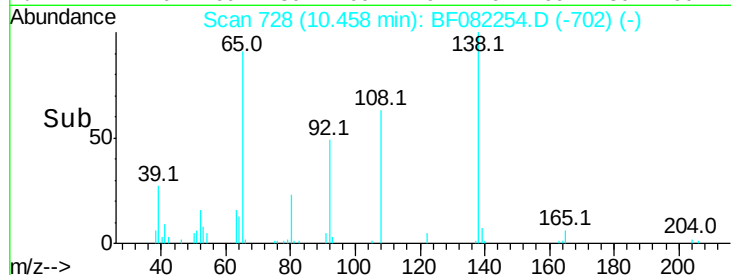
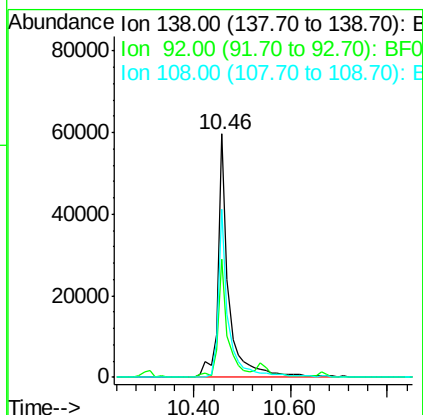
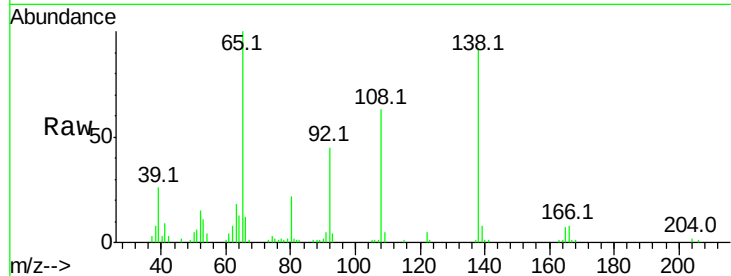
#61
4-Nitroaniline
Concen: 36.64 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	26.8	66.8
108	69.1	48.4	88.4

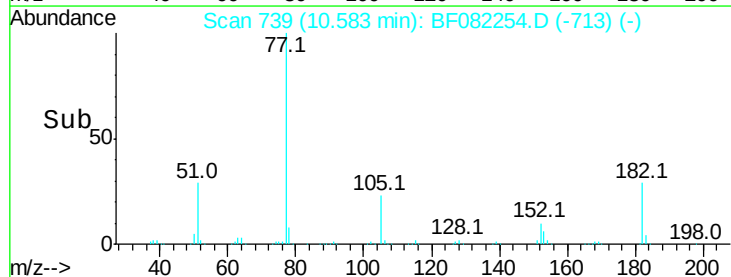
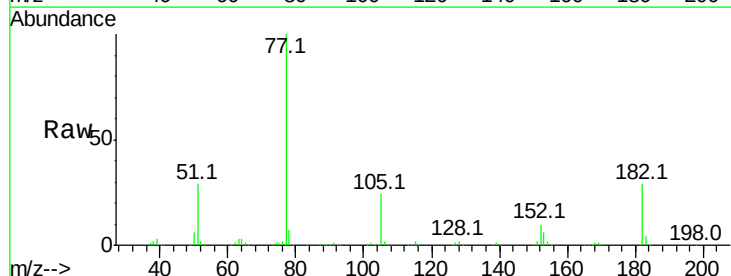
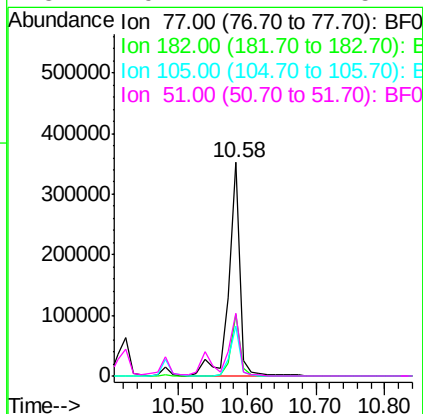
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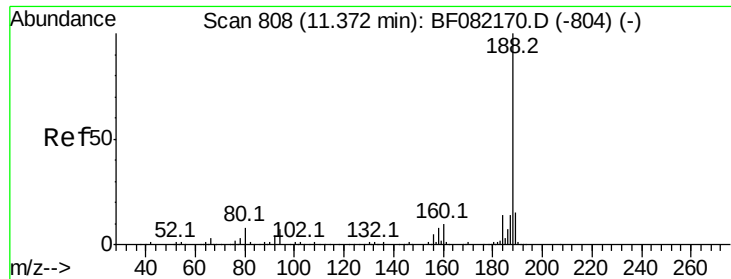
MMdadoda
10/14/2015 3:51:15 PM



#62
Azobenzene
Concen: 39.57 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	0.5	40.5
105	23.7	1.8	41.8
51	29.2	11.2	51.2





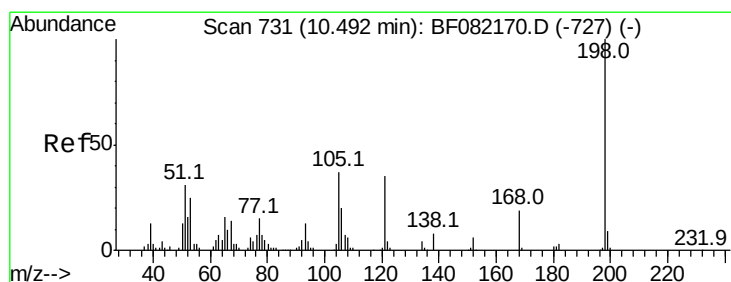
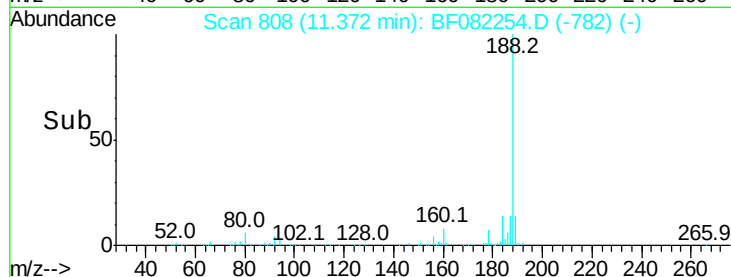
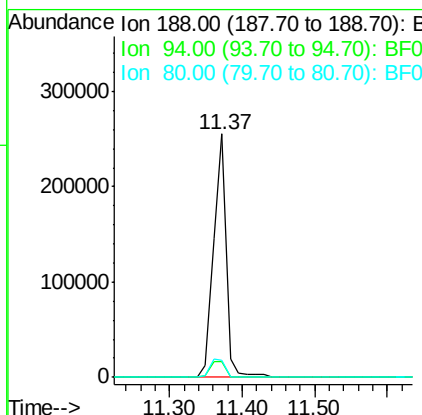
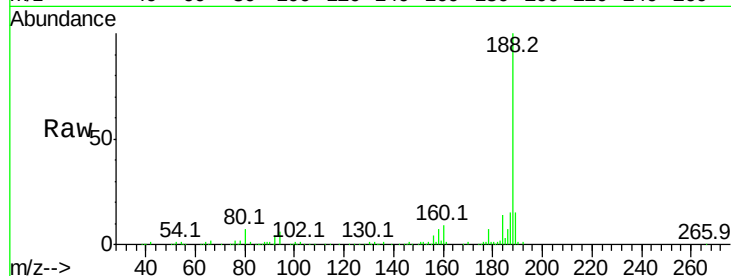
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	188	Resp	308611
Ion Ratio	100	Lower	Upper
188	100		
94	6.4	5.8	8.6
80	6.8	6.4	9.6

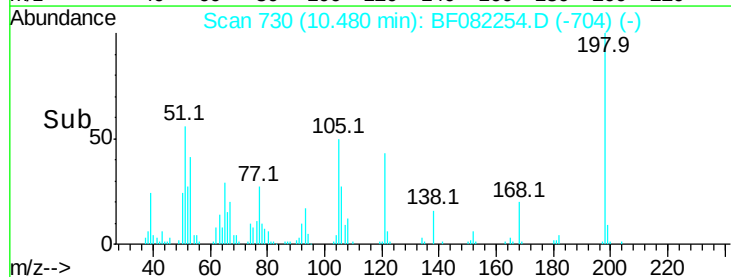
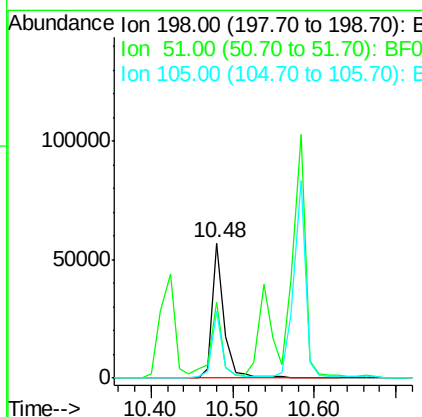
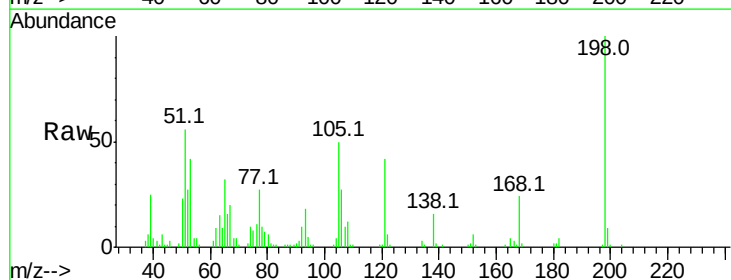
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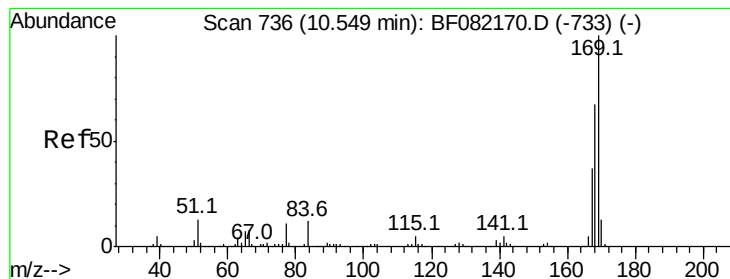
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.01 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	198	Resp	58900
Ion Ratio	100	Lower	Upper
198	100		
51	55.9	13.6	53.6#
105	49.6	17.1	57.1





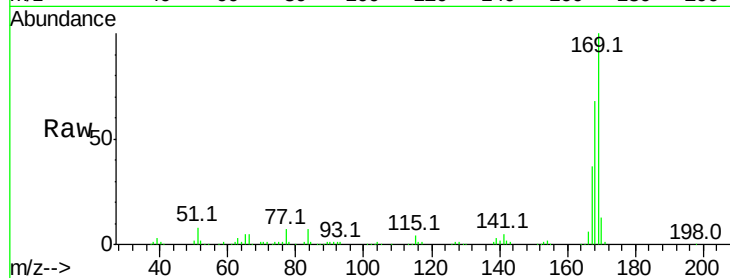
#65
n-Nitrosodiphenylamine
Concen: 36.72 ng
RT: 10.55 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

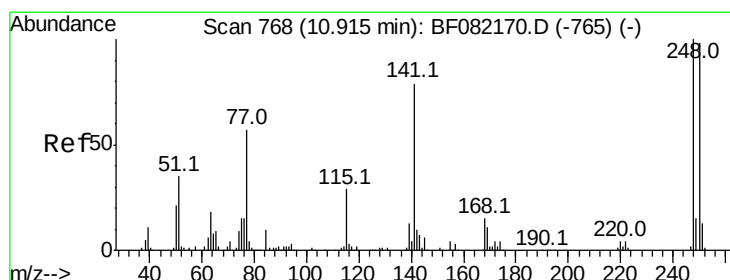
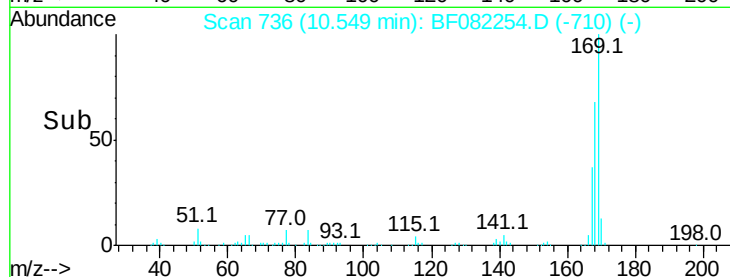
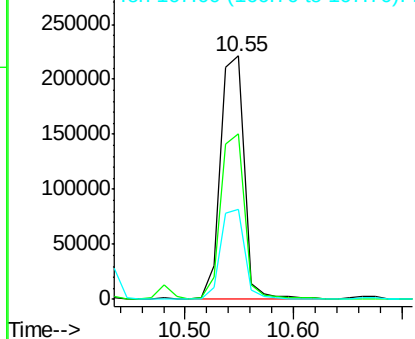
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.9	54.0	81.0	
167	36.9	29.6	44.4	

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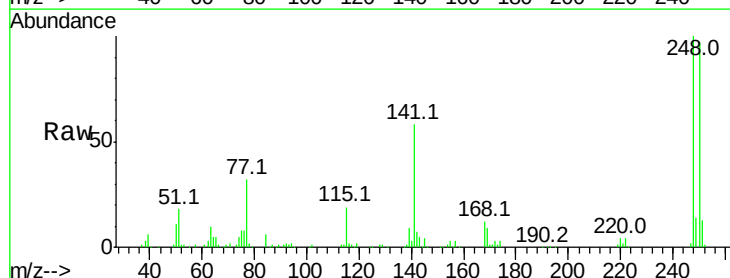


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

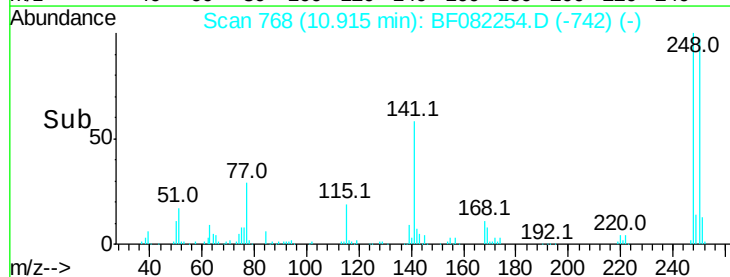
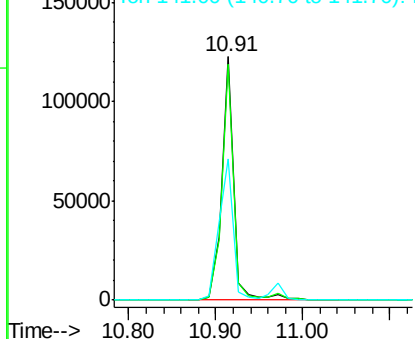


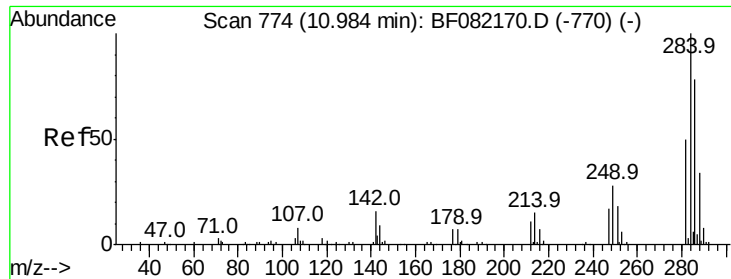
#66
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 10.91 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.0	78.6	117.8	
141	58.2	63.3	94.9	



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





#67

Hexachlorobenzene

Concen: 34.68 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

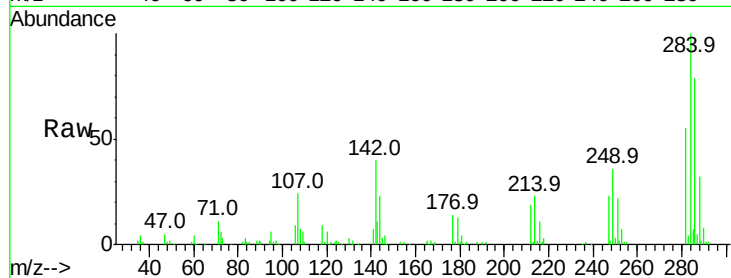
ClientSampleId :

PB86065BS

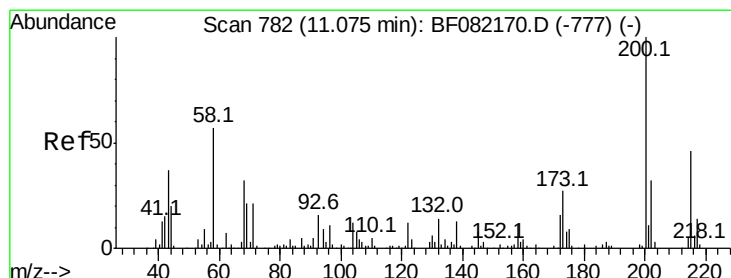
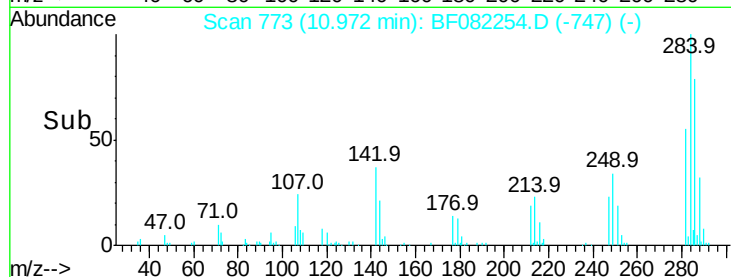
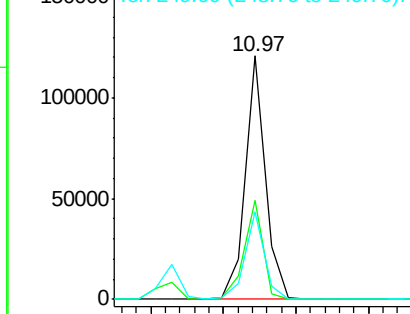
Tot Ion:	284	Resp:	115855
Ion Ratio		Lower	Upper
284	100		
142	40.5	13.0	19.6#
249	36.0	22.5	33.7#

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: 39.83 ng

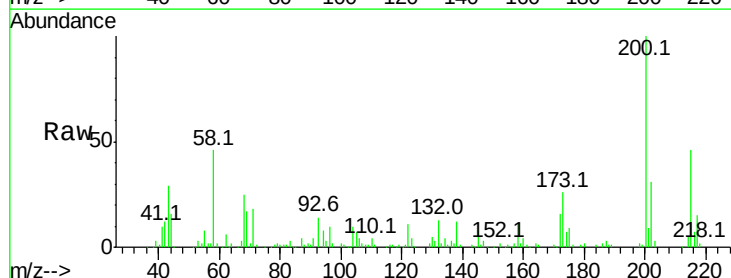
RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

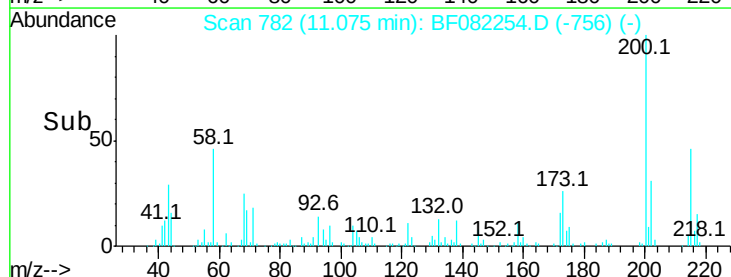
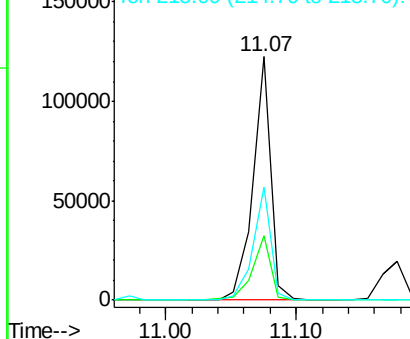
Lab File: BF082254.D

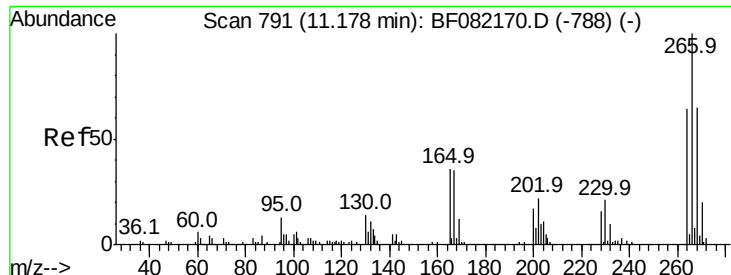
Acq: 13 Oct 2015 15:12

Tgt Ion:	200	Resp:	116598
Ion Ratio		Lower	Upper
200	100		
173	26.3	7.3	47.3
215	46.3	26.2	66.2



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





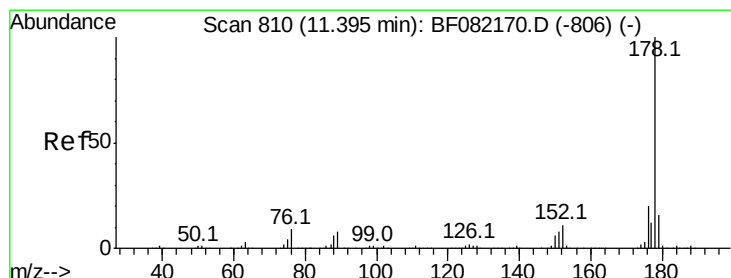
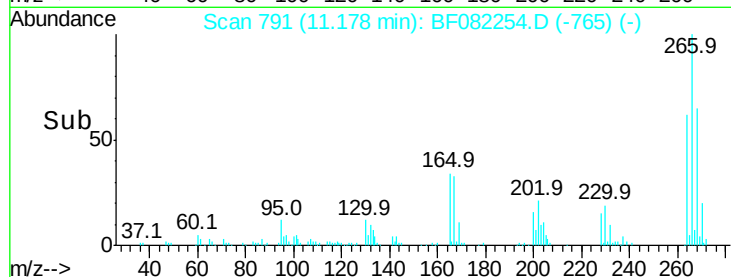
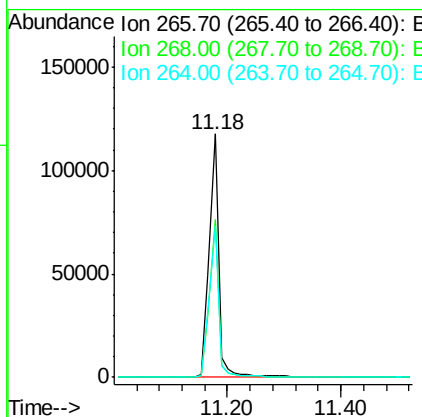
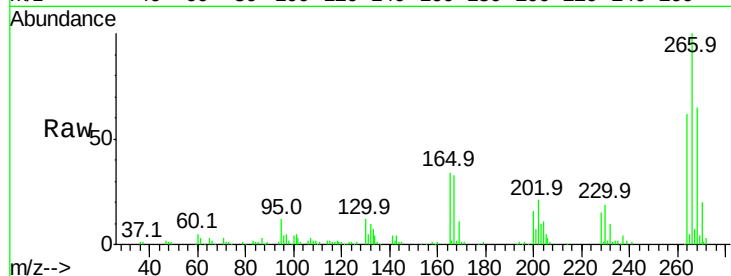
#69
 Pentachlorophenol
 Concen: 77.03 ng
 RT: 11.18 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	132407		
268	64.9	52.0	78.0	
264	62.1	51.4	77.0	

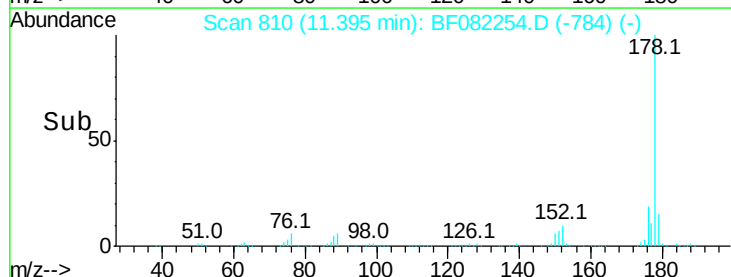
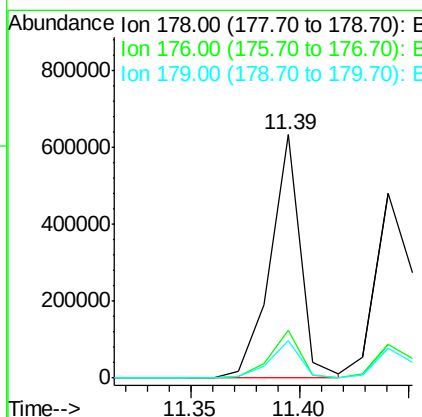
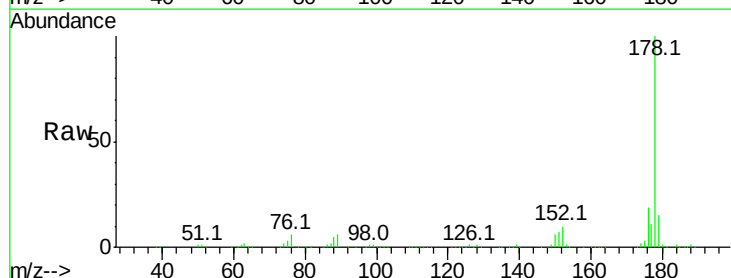
Manual Integrations
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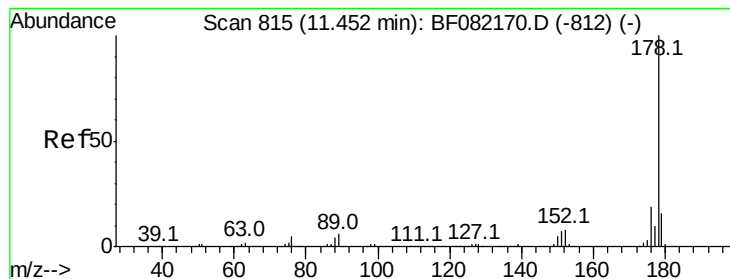
MMdadoda
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#70
 Phenanthrene
 Concen: 40.50 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	612594		
176	19.5	16.0	24.0	
179	15.5	12.6	19.0	





#71

Anthracene

Concen: 38.59 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

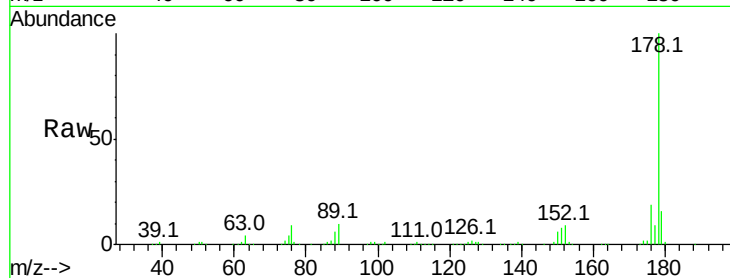
ClientSampleId :

PB86065BS

Tot Ion:	178	Resp:	601499
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.0
179	16.0	12.5	18.7

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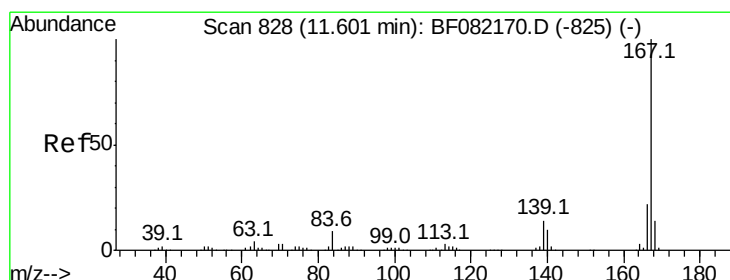
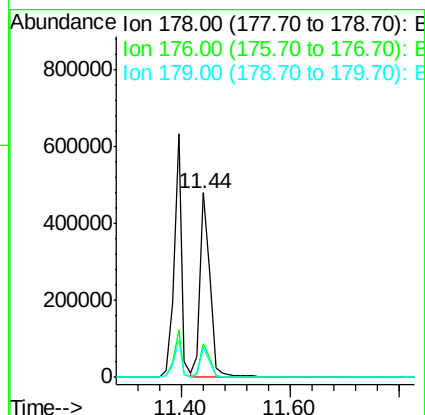
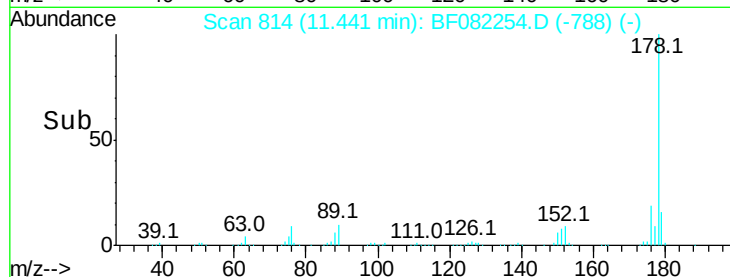
MMdadoda
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.30 ng

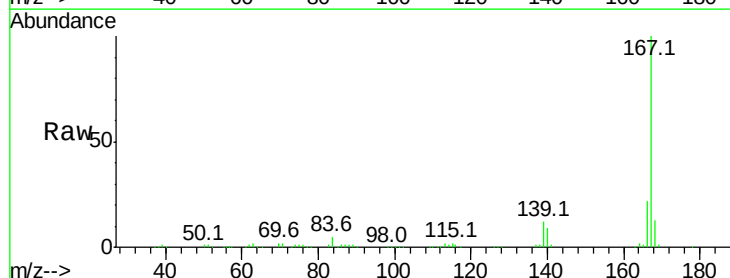
RT: 11.61 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

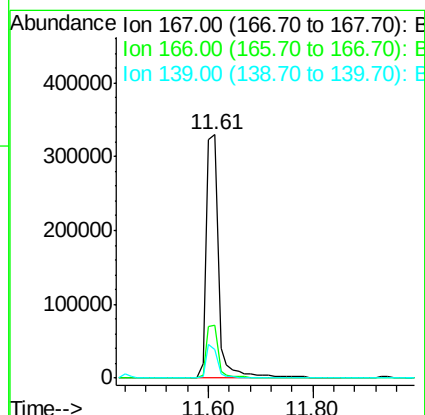
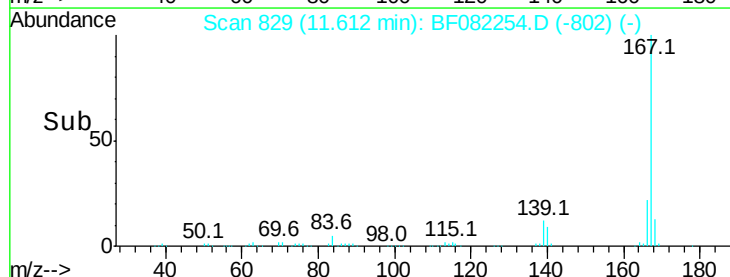
Tgt Ion:	167	Resp:	544682
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.3	25.9
139	11.7	11.2	16.8

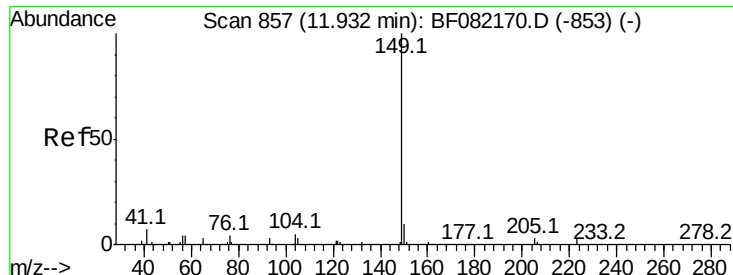


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.02 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

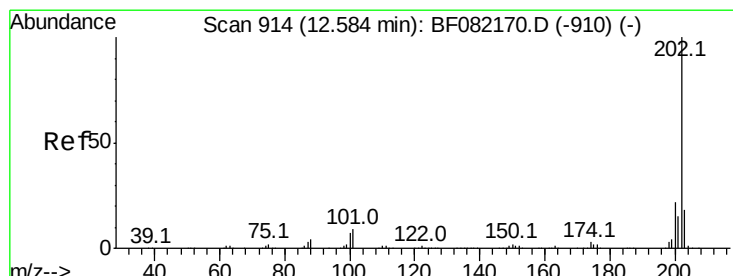
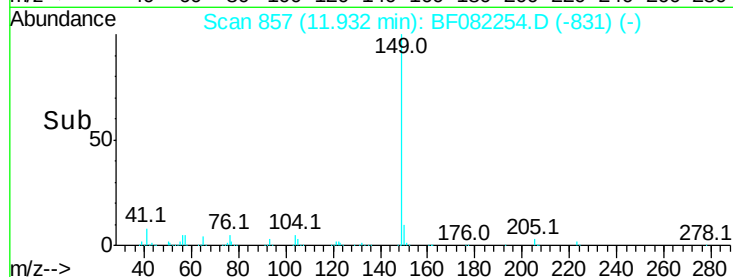
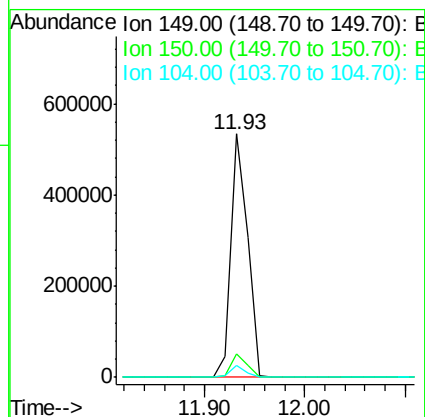
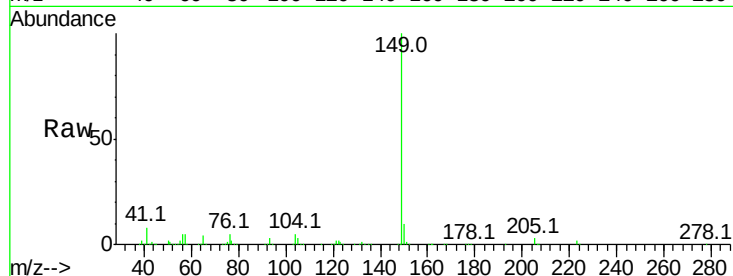
ClientSampleId :

PB86065BS

Tot Ion:	149	Resp:	614383
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8

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#74

Fluoranthene

Concen: 41.12 ng

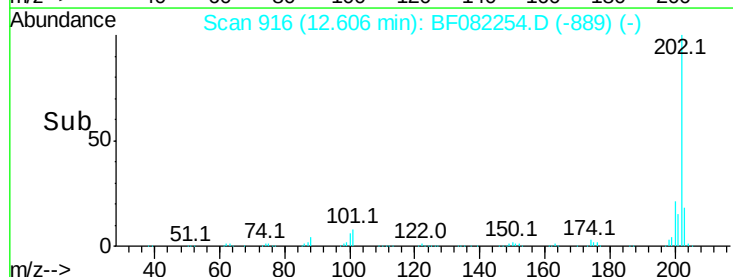
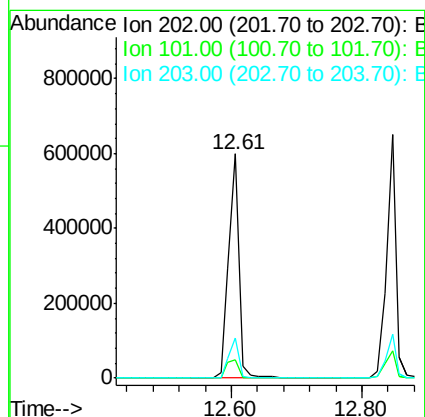
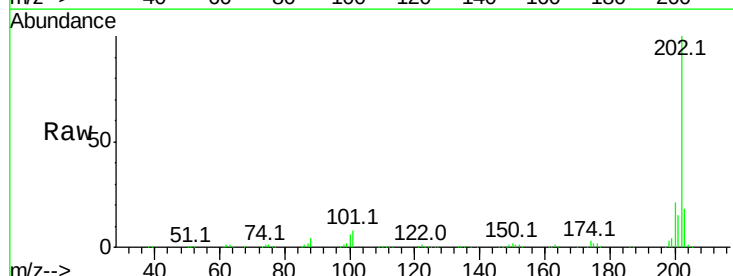
RT: 12.61 min Scan# 916

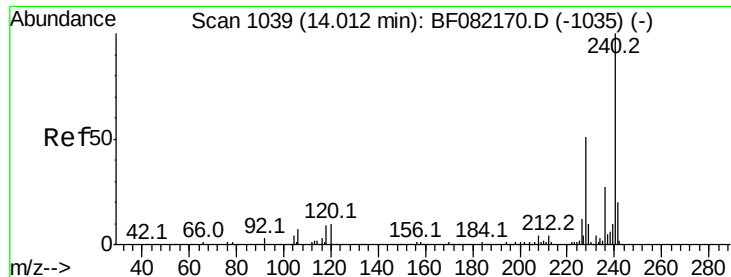
Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	202	Resp:	668024
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	29.3
203	17.8	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.18 min Scan# 1054

Delta R.T. 0.05 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

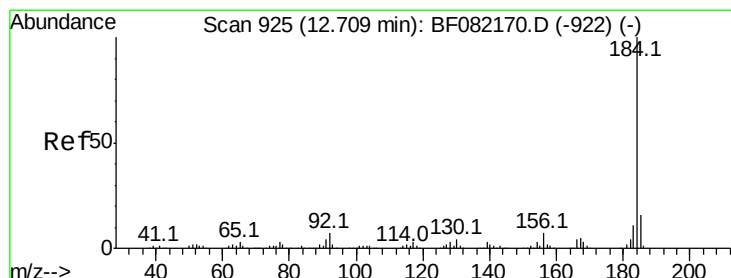
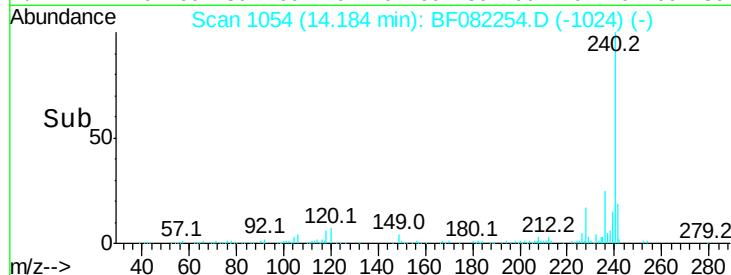
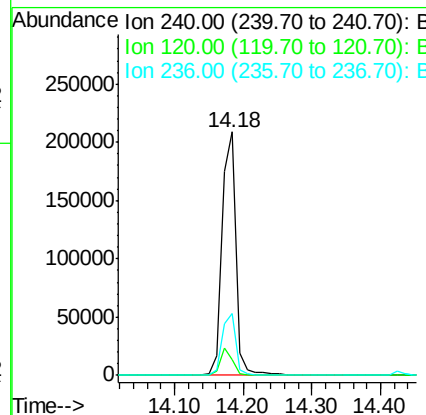
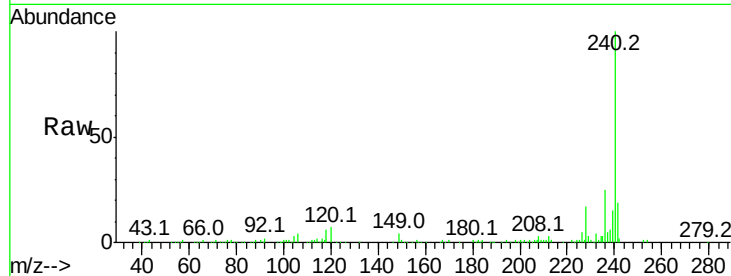
ClientSampleId :

PB86065BS

Tot Ion:	240	Resp:	298964
Ion Ratio	Lower	Upper	
240	100		
120	6.6	8.1	12.1#
236	25.4	21.3	31.9

Manual Integrations
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#76

Benzidine

Concen: 27.29 ng

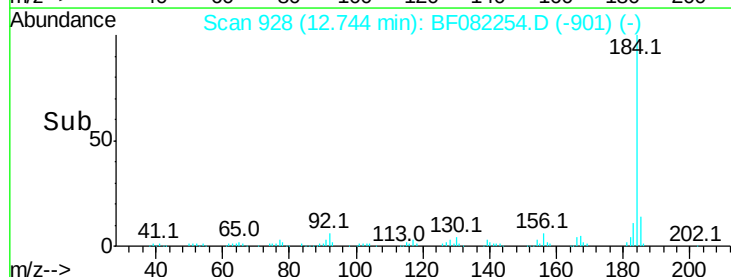
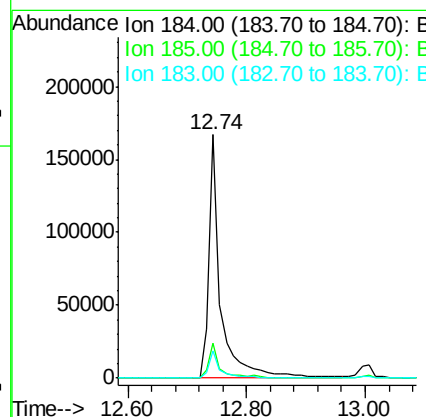
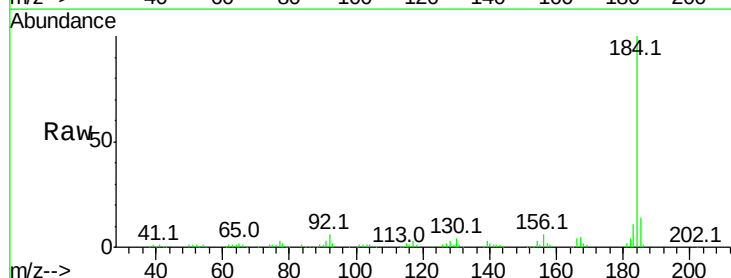
RT: 12.74 min Scan# 928

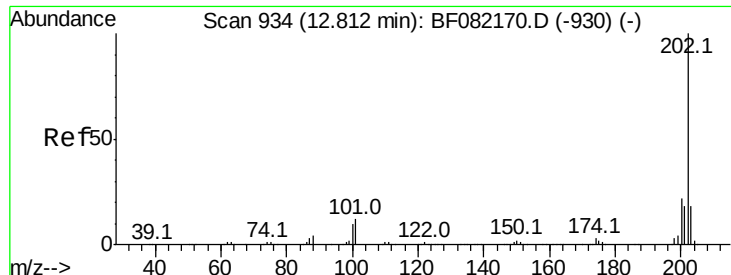
Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	184	Resp:	236395
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.5	18.7
183	11.2	9.1	13.7





#77

Pvrene

Concen: 37.46 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

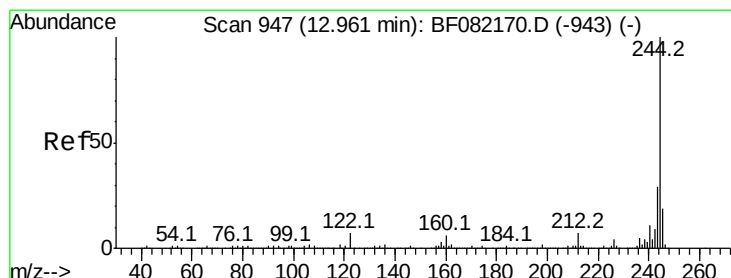
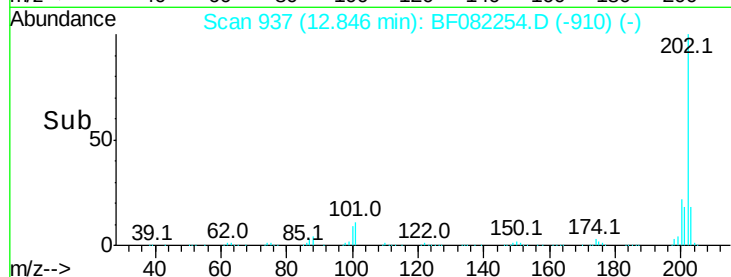
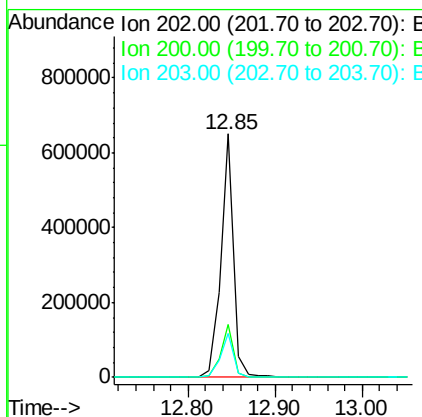
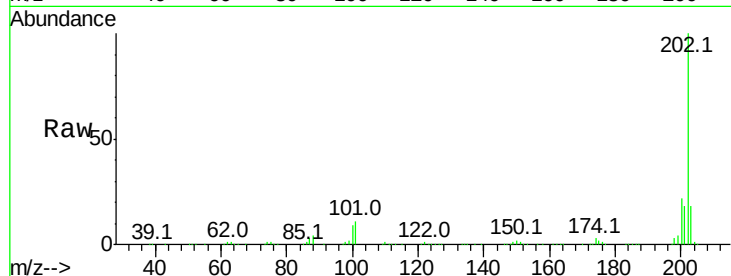
ClientSampleId :

PB86065BS

Tot Ion:	202	Resp:	664575
Ion Ratio		Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.3	14.5	21.7

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#78

Terphenyl-d14

Concen: 76.87 ng

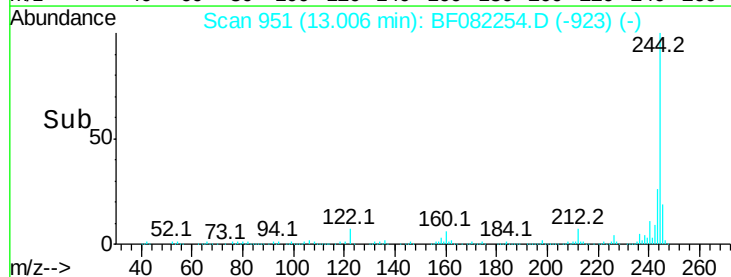
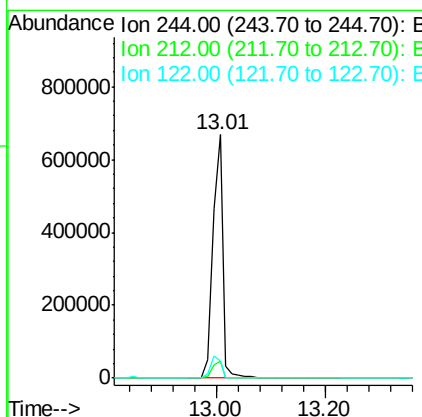
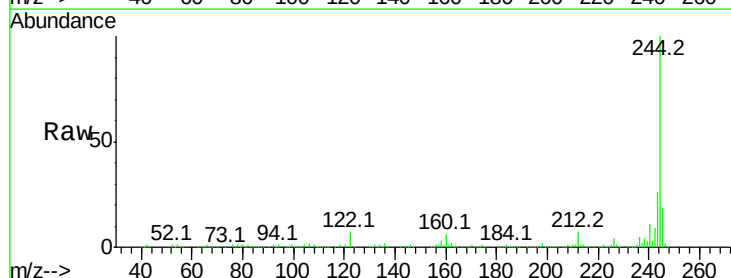
RT: 13.01 min Scan# 951

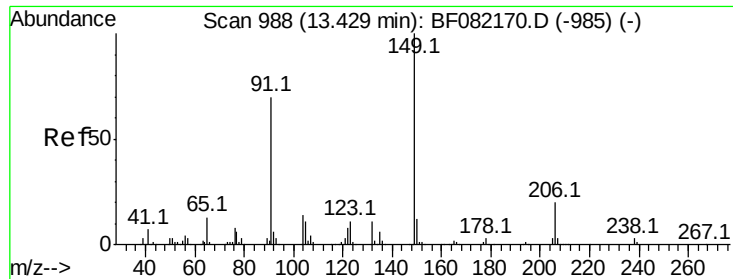
Delta R.T. 0.02 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Tgt Ion:	244	Resp:	867252
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.8	8.6
122	7.1	5.9	8.9





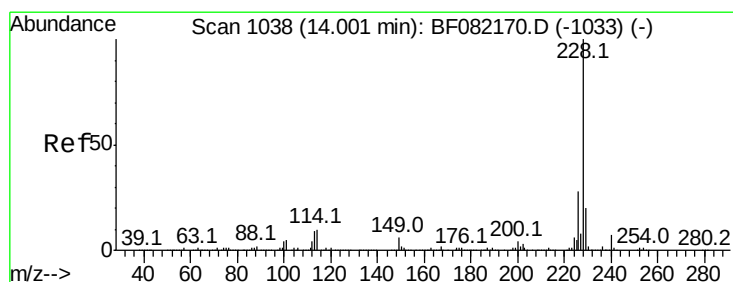
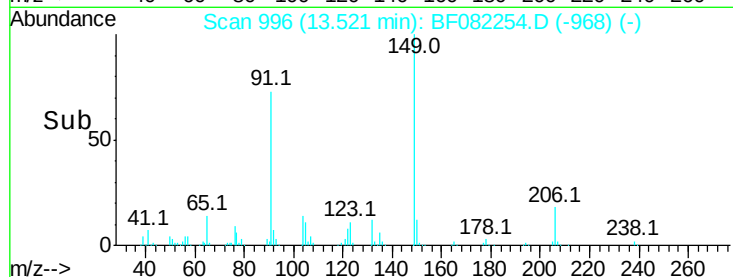
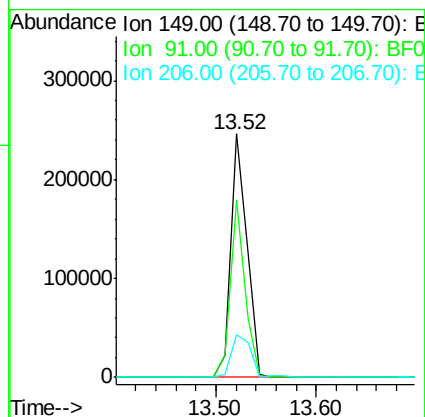
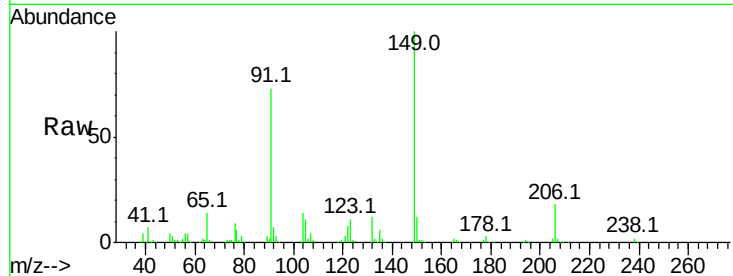
#79
Butylbenzylphthalate
Concen: 34.09 ng
RT: 13.52 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	276016		
91	72.9	55.7	83.5	
206	17.6	15.6	23.4	

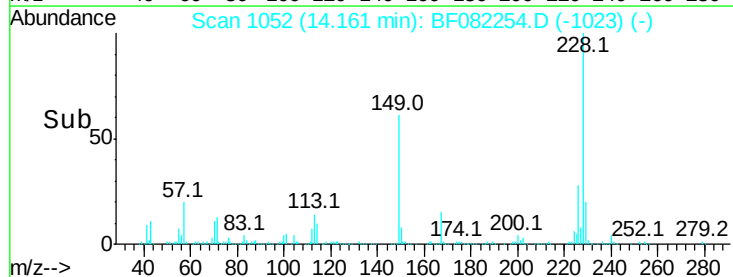
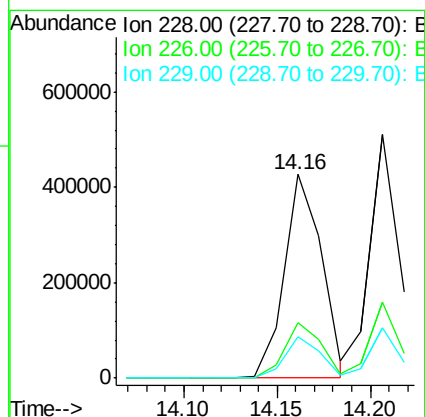
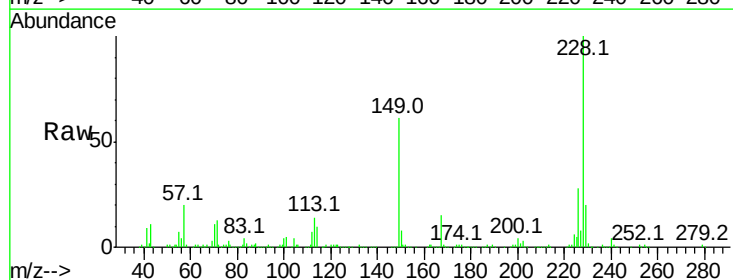
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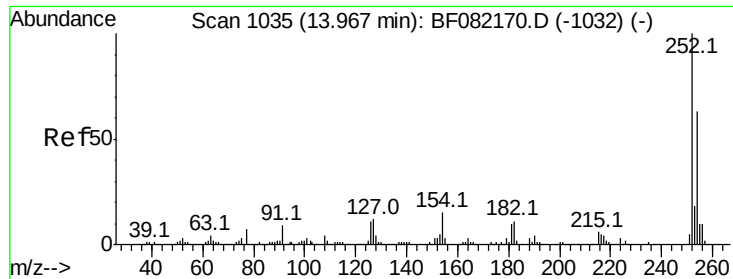
MMdadoda
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#80
Benzo(a)anthracene
Concen: 38.25 ng
RT: 14.16 min Scan# 1052
Delta R.T. 0.03 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	594985		
226	27.5	22.3	33.5	
229	20.1	16.2	24.2	





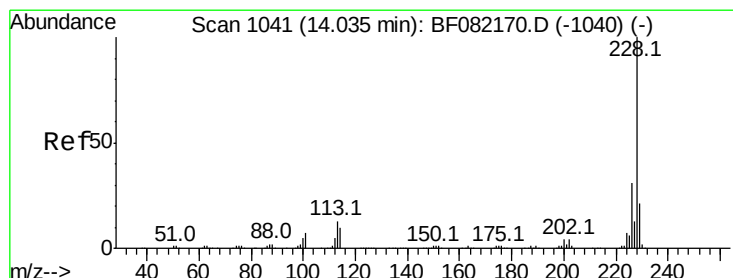
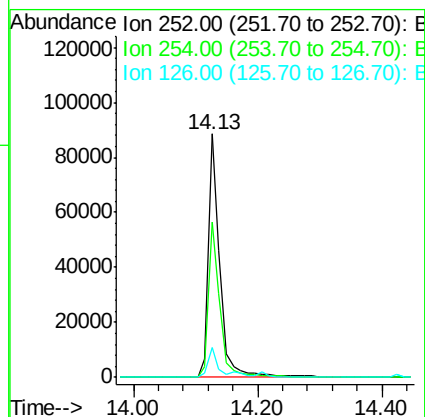
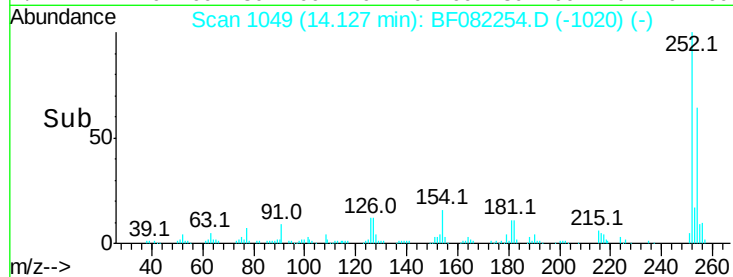
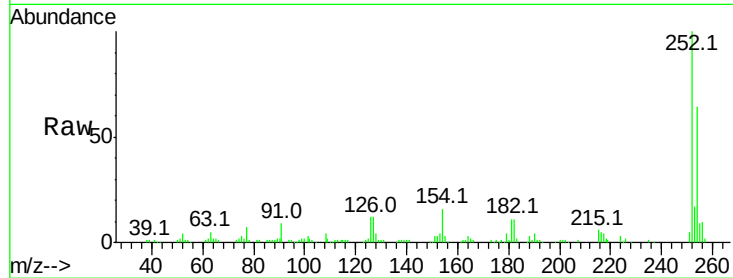
#81
 3,3'-Dichlorobenzidine
 Concen: 19.15 ng
 RT: 14.13 min Scan# 1049
 Delta R.T. 0.03 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:	252	Resp:	113063
Ion Ratio	Lower	Upper	
252	100		
254	63.7	50.7	76.1
126	12.0	9.0	13.6

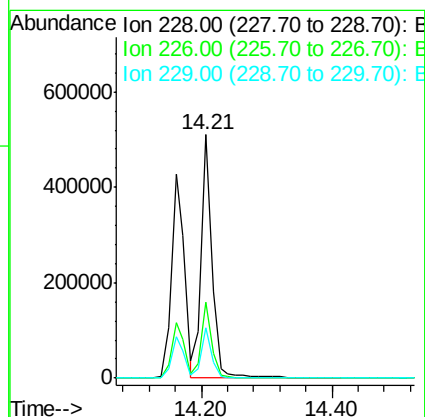
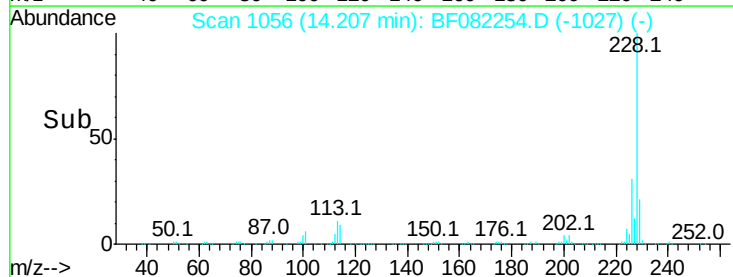
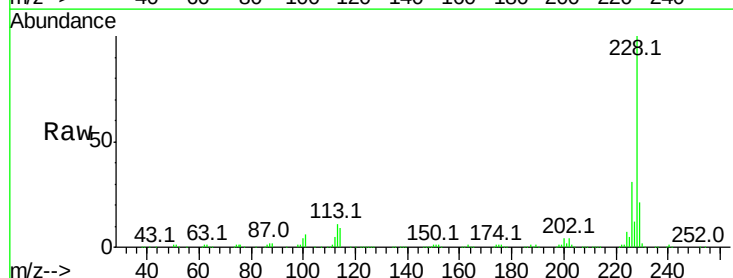
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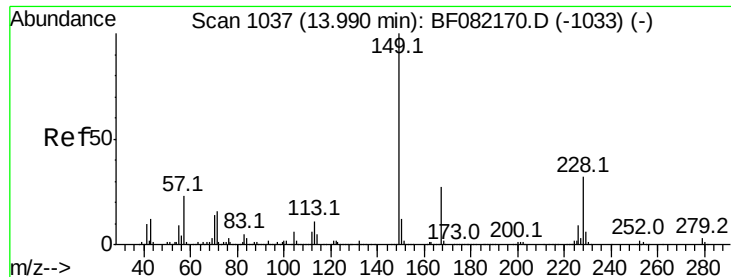
MMdadoda
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#82
 Chrysene
 Concen: 35.37 ng
 RT: 14.21 min Scan# 1056
 Delta R.T. 0.03 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Tgt Ion:	228	Resp:	579716
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	20.5	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.82 ng

RT: 14.16 min Scan# 1052

Delta R.T. 0.03 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

Instrument :

BNA_F

ClientSampleId :

PB86065BS

Tot Ion:149 Resp: 355974

Ion Ratio Lower Upper

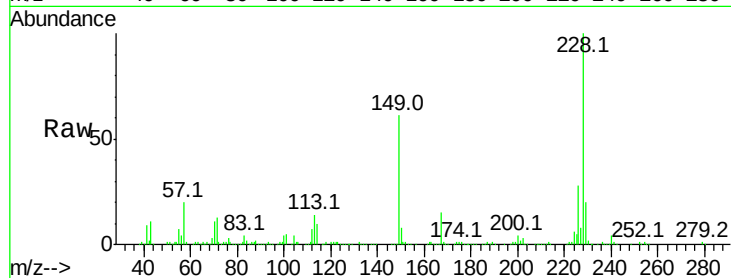
149 100

167 24.7 21.3 31.9

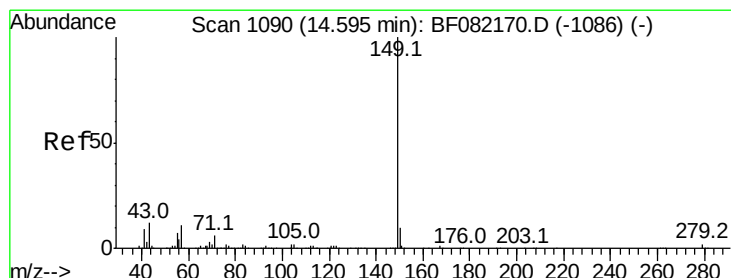
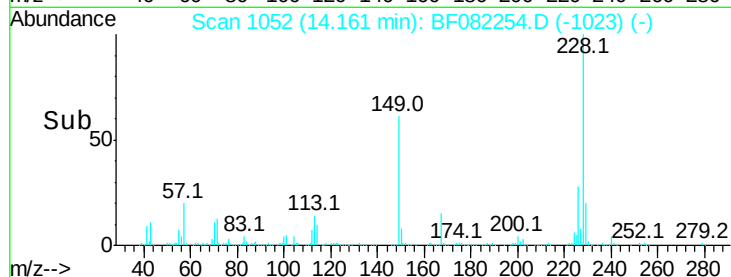
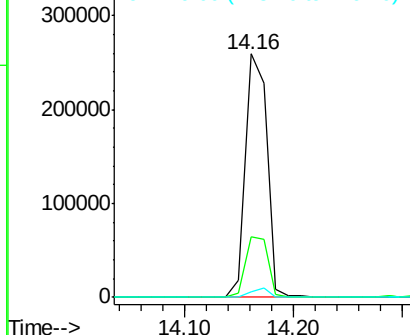
279 2.2 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 32.60 ng

RT: 14.92 min Scan# 1118

Delta R.T. 0.06 min

Lab File: BF082254.D

Acq: 13 Oct 2015 15:12

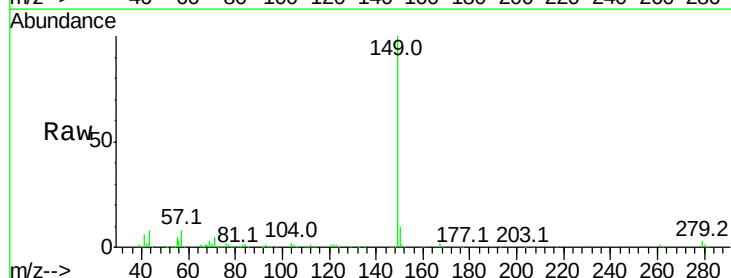
Tgt Ion:149 Resp: 646823

Ion Ratio Lower Upper

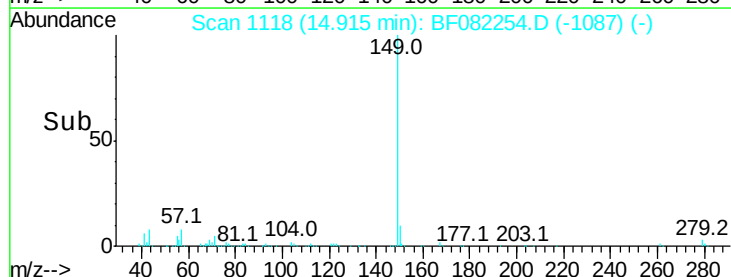
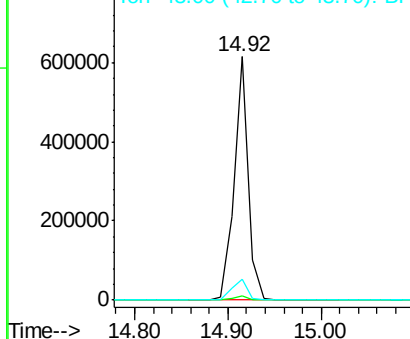
149 100

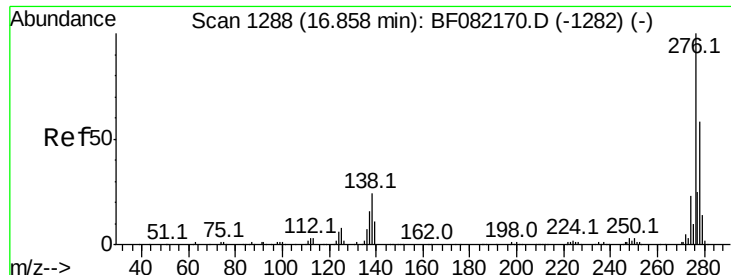
167 1.5 1.3 1.9

43 9.6 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





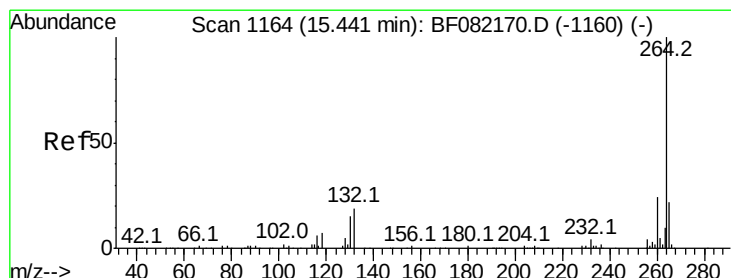
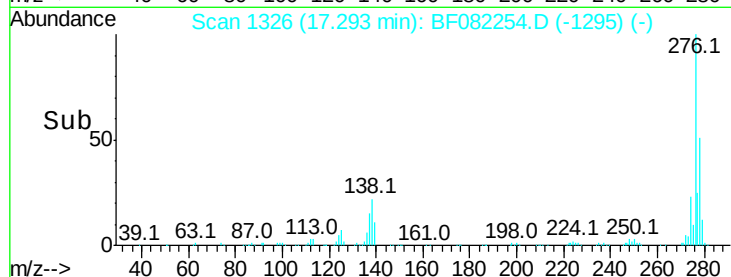
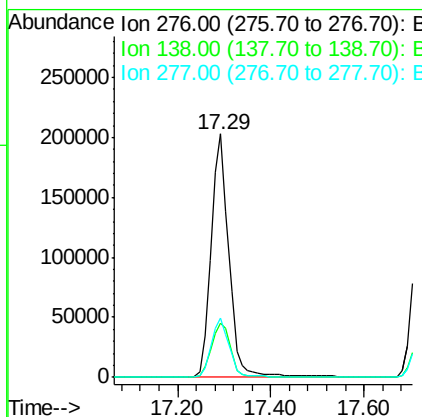
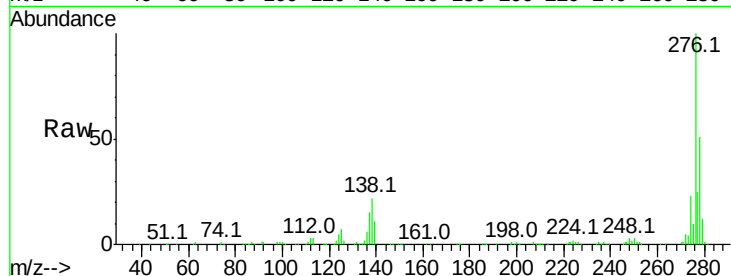
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.55 ng
RT: 17.29 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.7	29.5
277	24.7	20.1	30.1

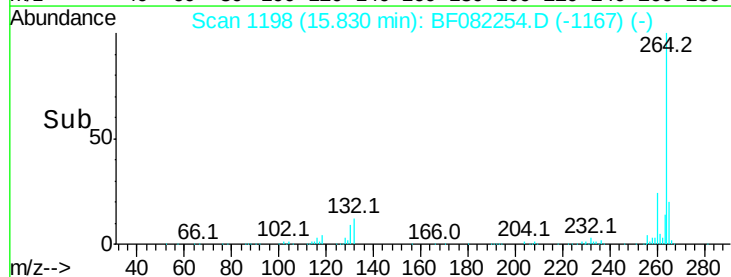
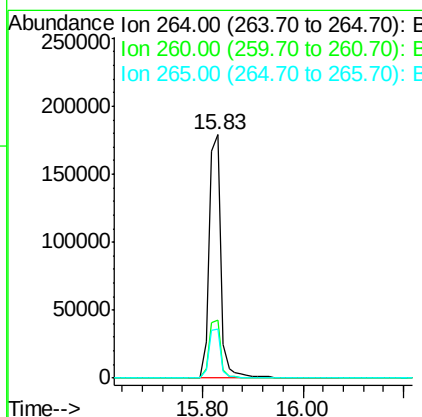
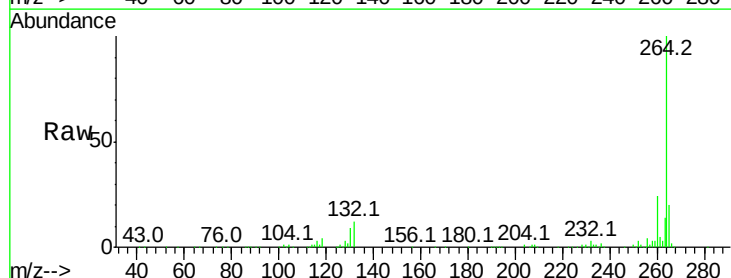
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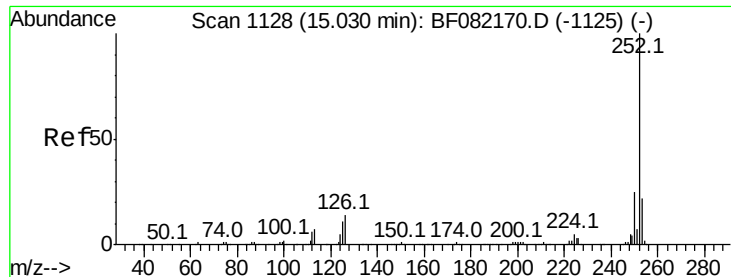
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1198
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	20.3	17.3	25.9





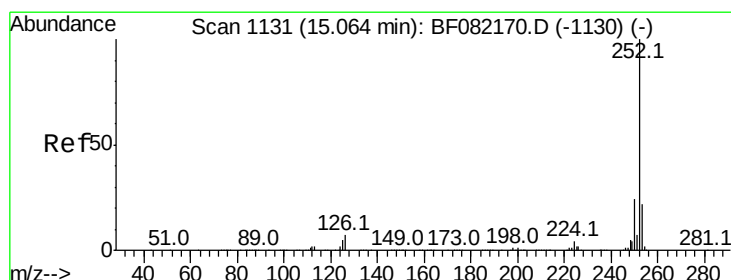
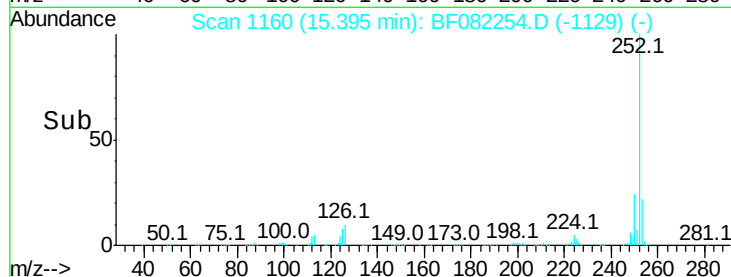
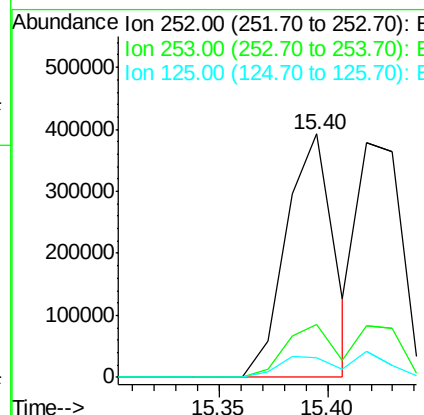
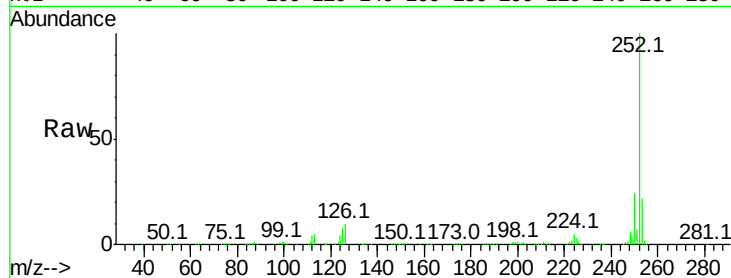
#87
Benzo(b)fluoranthene
Concen: 34.08 ng
RT: 15.40 min Scan# 1160
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	601660		
253	21.8	18.0	27.0	
125	7.9	8.6	12.8	

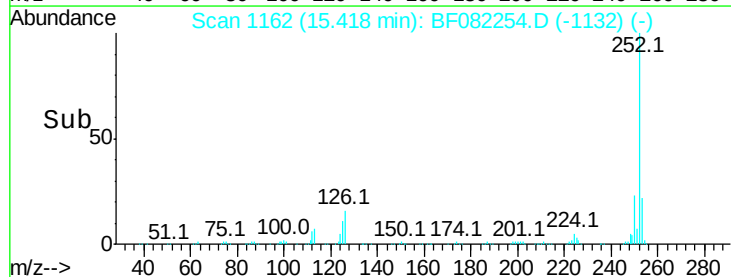
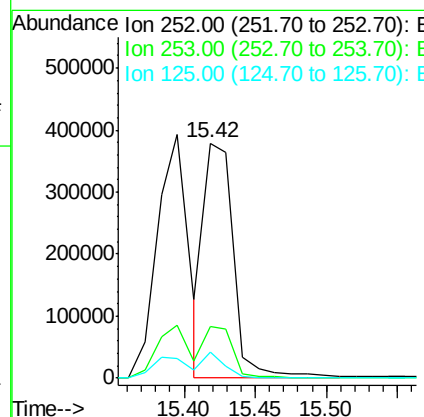
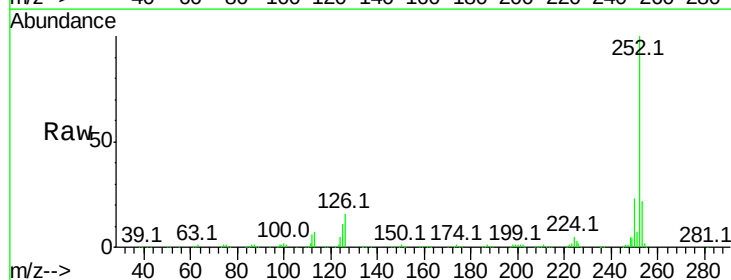
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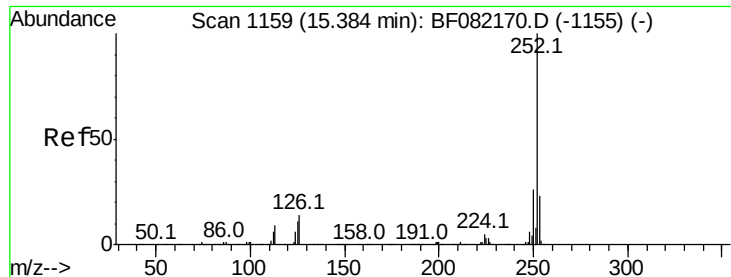
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 38.00 ng m
RT: 15.42 min Scan# 1162
Delta R.T. 0.05 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	563892		
253	22.2	17.8	26.6	
125	11.1	6.7	10.1	





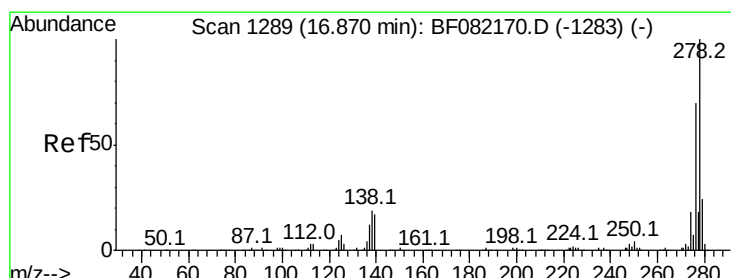
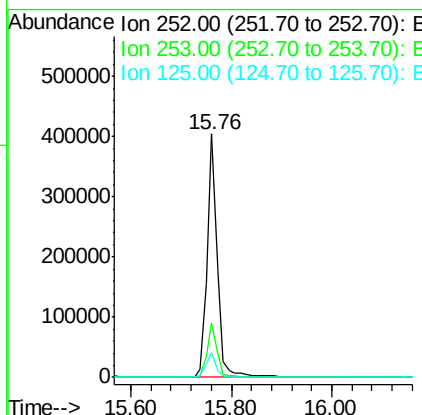
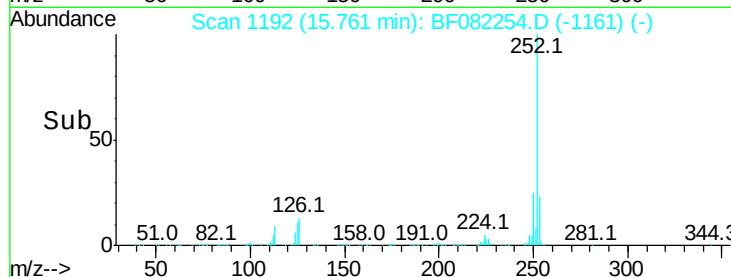
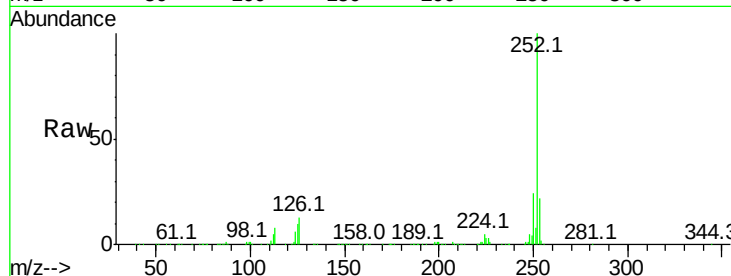
#89
Benzo(a)pyrene
Concen: 37.10 ng
RT: 15.76 min Scan# 1192
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Instrument :
BNA_F
ClientSampleId :
PB86065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.3	8.9	13.3

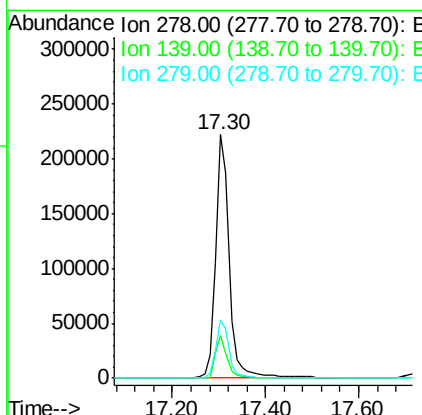
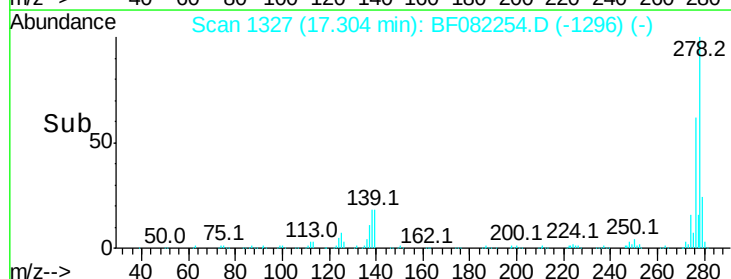
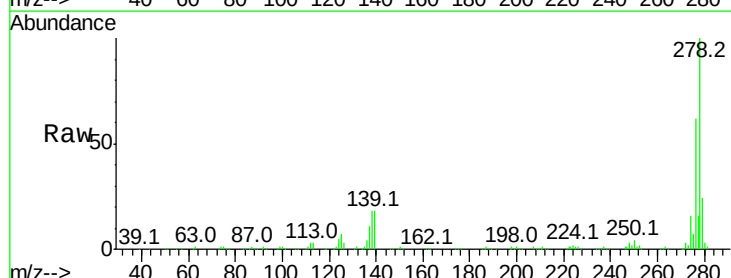
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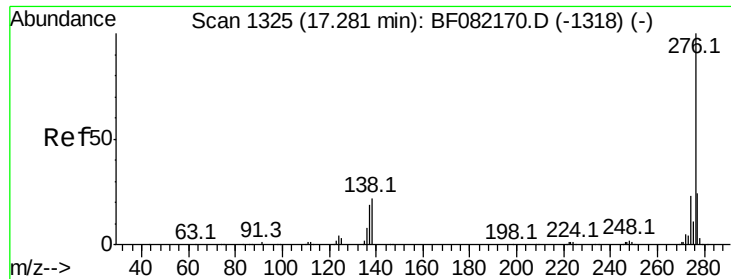
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#90
Dibenzo(a,h)anthracene
Concen: 36.25 ng
RT: 17.30 min Scan# 1327
Delta R.T. 0.06 min
Lab File: BF082254.D
Acq: 13 Oct 2015 15:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.3	19.9
279	23.9	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 35.20 ng
 RT: 17.73 min Scan# 1364
 Delta R.T. 0.06 min
 Lab File: BF082254.D
 Acq: 13 Oct 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 PB86065BS

Tot Ion:	276	Resp:	425084
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	20.6	17.4	26.2

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