

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
 Data File : BF082938.D
 Acq On : 14 Nov 2015 12:02
 Operator : UM/IZ
 Sample : PB86619BS
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Manual Integrations
 APPROVED

Mmdadoda
 11/16/2015 12:44:08 PM

Quant Time: Nov 16 01:14:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	187004	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	708075	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	337900	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	584483	20.00	ng	-0.05
75) Chrysene-d12	13.96	240	343759	20.00	ng	-0.06
86) Perylene-d12	15.38	264	380683	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1340406	111.53	ng	-0.01
7) Phenol-d6	6.48	99	1910178	119.55	ng	0.00
23) Nitrobenzene-d5	7.37	82	1263060	77.62	ng	-0.04
41) 2,4,6-Tribromophenol	10.65	330	405065	104.55	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1664350	70.60	ng	-0.05
78) Terphenyl-d14	12.92	244	1562663	107.82	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	182454	35.18	ng	97
3) Pyridine	3.16	79	558318	37.10	ng	95
4) n-Nitrosodimethylamine	3.09	42	264758	35.47	ng	# 75
6) Aniline	6.46	93	408217	18.20	ng	# 81
8) 2-Chlorophenol	6.60	128	522045	39.18	ng	96
9) Benzaldehyde	6.34	77	42371	4.80	ng	94
10) Phenol	6.49	94	685619	37.82	ng	# 73
11) bis(2-Chloroethyl)ether	6.54	93	559488	41.27	ng	88
12) 1,3-Dichlorobenzene	6.74	146	522972	34.80	ng	95
13) 1,4-Dichlorobenzene	6.82	146	530375	33.92	ng	97
14) 1,2-Dichlorobenzene	6.98	146	522594	36.76	ng	98
15) Benzyl Alcohol	6.96	79	443614	31.61	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	804166	40.44	ng	59
17) 2-Methylphenol	7.08	107	406254	36.00	ng	# 91
18) Hexachloroethane	7.32	117	185797	33.23	ng	# 82
19) n-Nitroso-di-n-propylamine	7.23	70	411188	35.01	ng	88
20) 3+4-Methylphenols	7.24	107	549362	37.44	ng	# 59
22) Acetophenone	7.22	105	752665	37.10	ng	# 95
24) Nitrobenzene	7.39	77	591564	35.55	ng	91
25) Isophorone	7.63	82	1034279	34.35	ng	96
26) 2-Nitrophenol	7.71	139	272066	39.17	ng	# 69
27) 2,4-Dimethylphenol	7.77	122	489659	39.23	ng	90
28) bis(2-Chloroethoxy)methane	7.85	93	662387	39.00	ng	98
29) 2,4-Dichlorophenol	7.96	162	428605	38.00	ng	91
30) 1,2,4-Trichlorobenzene	8.03	180	432619	34.10	ng	98
31) Naphthalene	8.11	128	1278072	32.72	ng	99
32) Benzoic acid	7.90	122	304610	35.65	ng	88
33) 4-Chloroaniline	8.17	127	164387	9.76	ng	# 85
34) Hexachlorobutadiene	8.24	225	265426	33.43	ng	99
35) Caprolactam	8.54	113	129861	36.52	ng	90
36) 4-Chloro-3-methylphenol	8.67	107	416634	31.41	ng	93
37) 2-Methylnaphthalene	8.81	142	883040	34.94	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	438248	39.47	ng	97
40) Hexachlorocyclopentadiene	8.97	237	129036	21.63	ng	98

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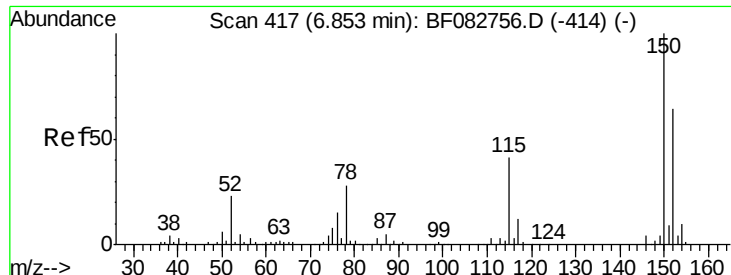
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	281584	33.97	ng	99
43) 2,4,5-Trichlorophenol	9.14	196	278527	33.98	ng	96
45) 1,1'-Biphenyl	9.28	154	1155134	39.84	ng	98
46) 2-Chloronaphthalene	9.30	162	878442	38.84	ng	98
47) 2-Nitroaniline	9.39	65	267592	31.89	ng	89
48) Acenaphthylene	9.71	152	1271838	35.88	ng	99
49) Dimethylphthalate	9.58	163	1039483	37.55	ng	97
50) 2,6-Dinitrotoluene	9.64	165	225628	38.20	ng	# 60
51) Acenaphthene	9.88	154	807628	35.95	ng	99
52) 3-Nitroaniline	9.80	138	131795	20.29	ng	# 88
53) 2,4-Dinitrophenol	9.90	184	97339	30.01	ng	# 31
54) Dibenzofuran	10.05	168	1086410	35.87	ng	94
55) 4-Nitrophenol	10.00	139	318553	63.92	ng	86
56) 2,4-Dinitrotoluene	10.04	165	324788	40.53	ng	# 80
57) Fluorene	10.40	166	865255	35.28	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	226514	33.86	ng	# 94
59) Diethylphthalate	10.28	149	1074126	39.74	ng	98
60) 4-Chlorophenyl-phenylether	10.38	204	406870	33.15	ng	# 80
61) 4-Nitroaniline	10.42	138	179790	27.52	ng	# 78
62) Azobenzene	10.54	77	1062795	36.60	ng	89
64) 4,6-Dinitro-2-methylphenol	10.45	198	89524	21.50	ng	74
65) n-Nitrosodiphenylamine	10.51	169	738668	34.98	ng	99
66) 4-Bromophenyl-phenylether	10.88	248	244629	34.76	ng	# 72
67) Hexachlorobenzene	10.94	284	265255	33.75	ng	# 81
68) Atrazine	11.05	200	292687	44.83	ng	96
69) Pentachlorophenol	11.15	266	281389	58.97	ng	96
70) Phenanthrene	11.36	178	1264123	37.24	ng	99
71) Anthracene	11.40	178	1250689	34.98	ng	98
72) Carbazole	11.56	167	1002385	32.03	ng	98
73) Di-n-butylphthalate	11.91	149	1601906	41.08	ng	# 97
74) Fluoranthene	12.55	202	1179279	32.38	ng	95
76) Benzidine	12.66	184	454776	39.47	ng	99
77) Pyrene	12.76	202	1109692	47.01	ng	98
79) Butylbenzylphthalate	13.39	149	506785	48.59	ng	90
80) Benzo(a)anthracene	13.95	228	839949	39.07	ng	98
81) 3,3'-Dichlorobenzidine	13.93	252	281409	36.82	ng	# 95
82) Chrysene	14.00	228	867824	44.08	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	749781	52.52	ng	99
84) Di-n-octyl phthalate	14.57	149	1144880	48.08	ng	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	822172	48.49	ng	# 95
87) Benzo(b)fluoranthene	14.98	252	817736m	33.46	ng	
88) Benzo(k)fluoranthene	15.01	252	850583m	39.24	ng	
89) Benzo(a)pyrene	15.32	252	820662	38.76	ng	# 96
90) Dibenzo(a,h)anthracene	16.77	278	709876	39.60	ng	98
91) Benzo(g,h,i)perylene	17.16	276	640438	37.30	ng	# 94

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



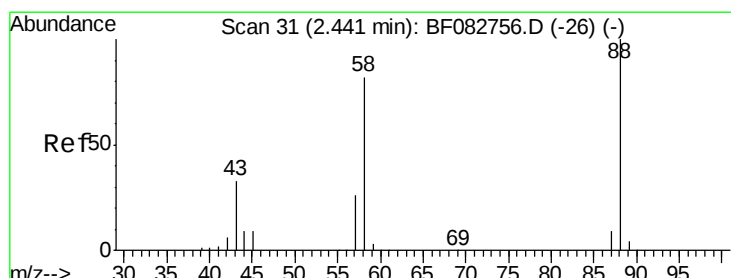
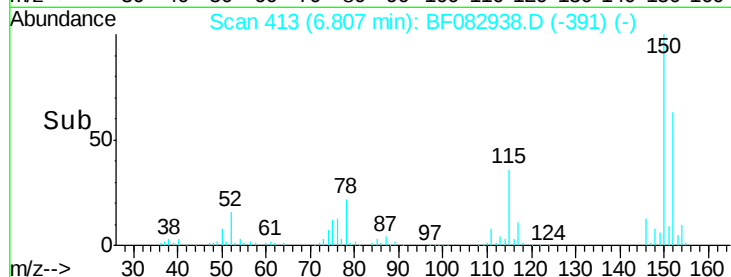
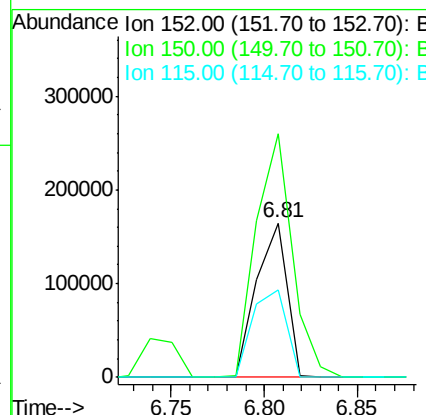
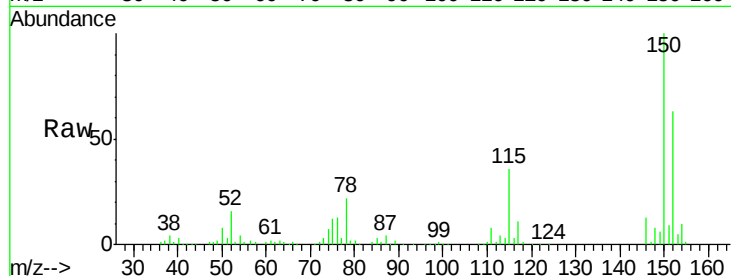
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	127.0	190.4
115	56.5	47.0	70.6

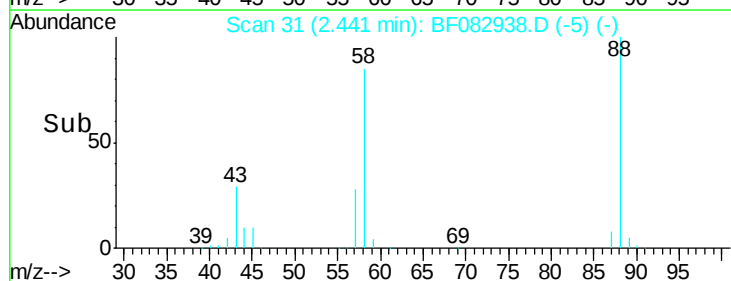
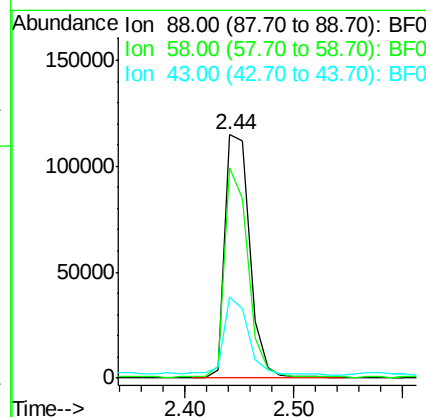
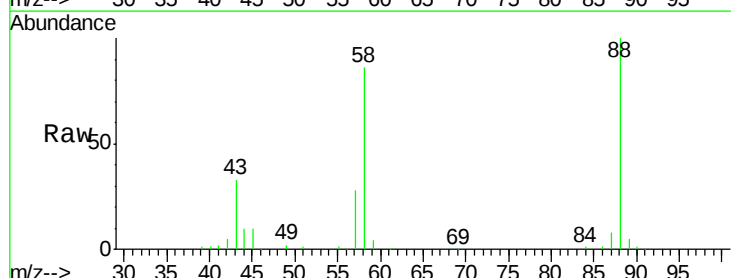
Manual Integrations
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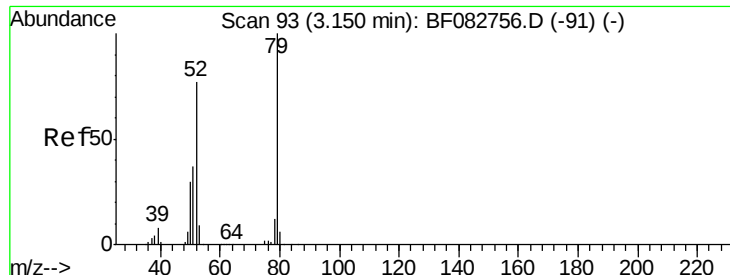
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#2
 1,4-Dioxane
 Concen: 35.18 ng
 RT: 2.44 min Scan# 31
 Delta R.T. 0.00 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.6	62.0	93.0
43	31.6	26.6	40.0





#3

Pyridine

Concen: 37.10 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

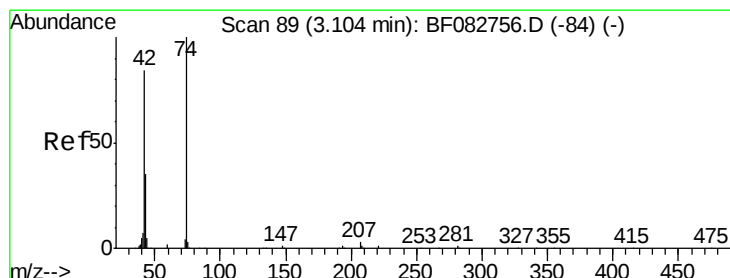
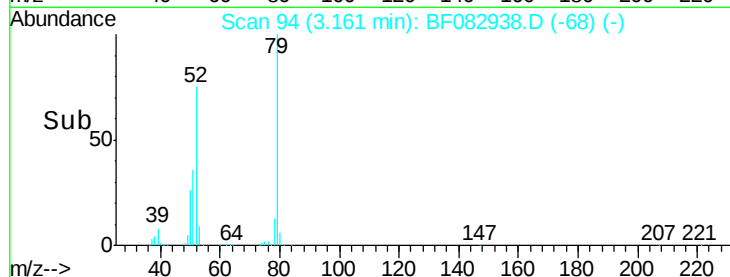
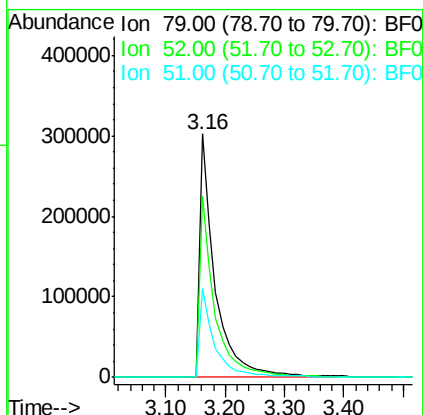
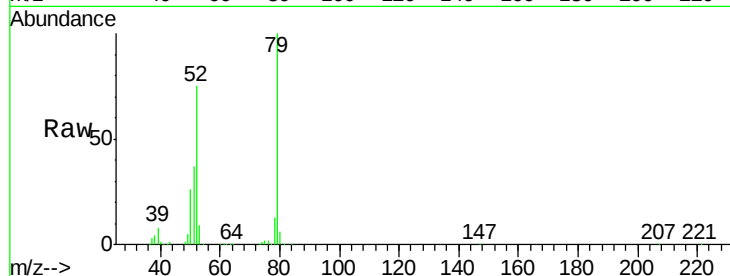
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	74.6	62.8	94.2
51	36.6	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 35.47 ng

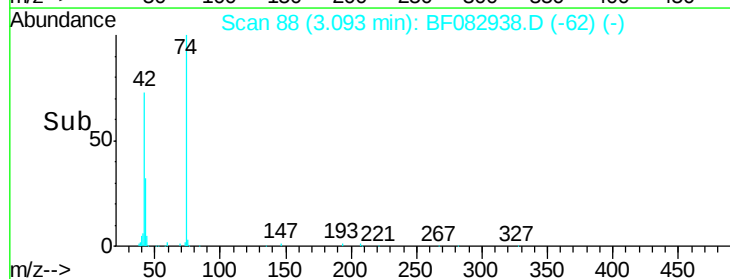
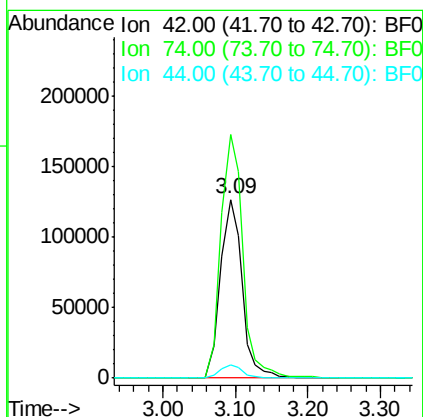
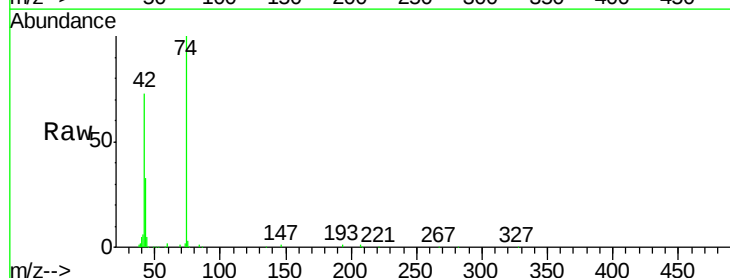
RT: 3.09 min Scan# 88

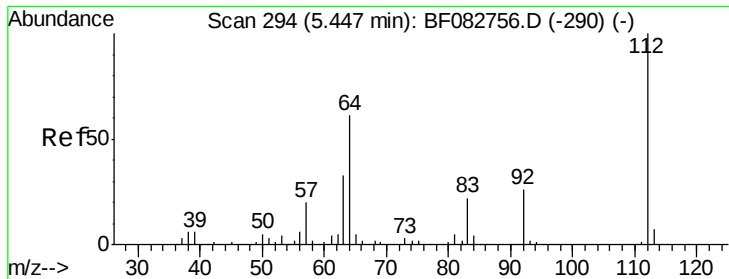
Delta R.T. 0.00 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.5	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 111.53 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082938.D

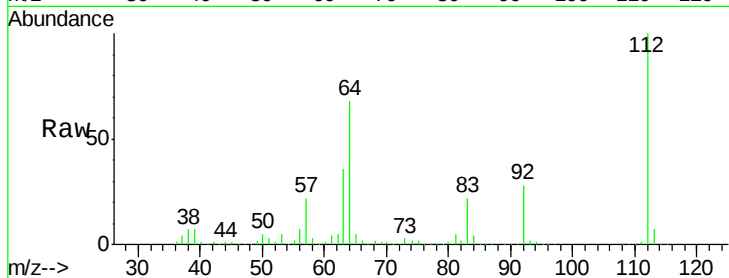
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

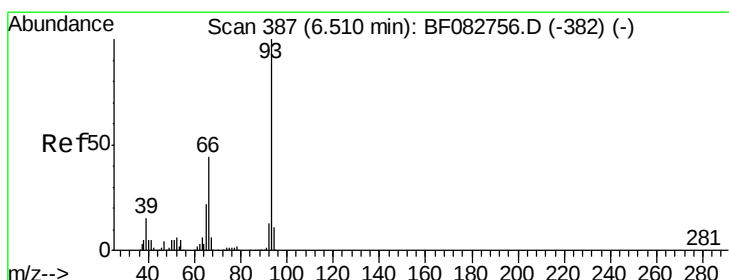
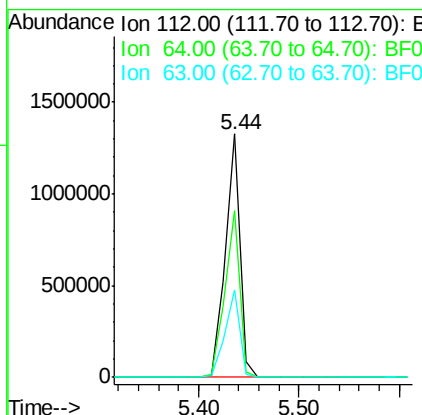
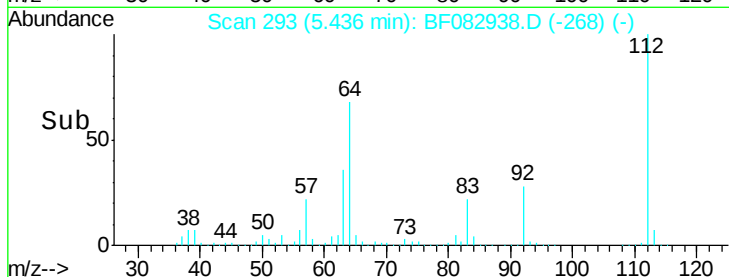
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Tgt Ion:	112	Resp:	1340406
Ion	Ratio	Lower	Upper
112	100		
64	68.4	48.9	73.3
63	35.7	28.1	42.1

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#6

Aniline

Concen: 18.20 ng

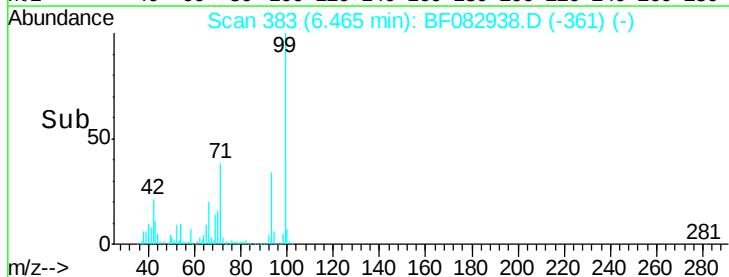
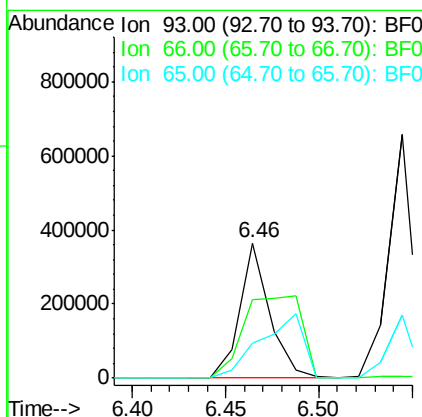
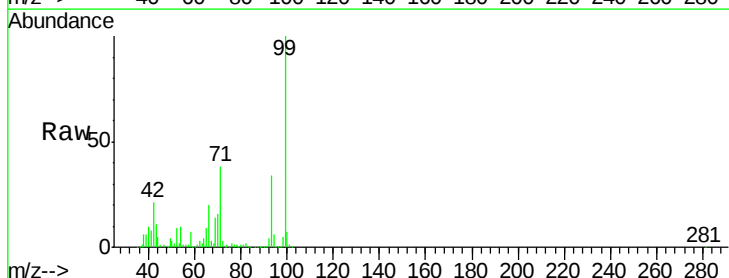
RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	93	Resp:	408217
Ion	Ratio	Lower	Upper
93	100		
66	58.5	33.6	50.4#
65	26.1	18.1	27.1





#7

Phenol-d6

Concen: 119.55 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion: 99 Resp: 1910178

Ion Ratio Lower Upper

99 100

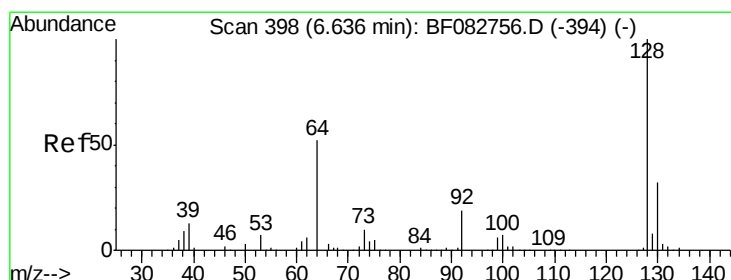
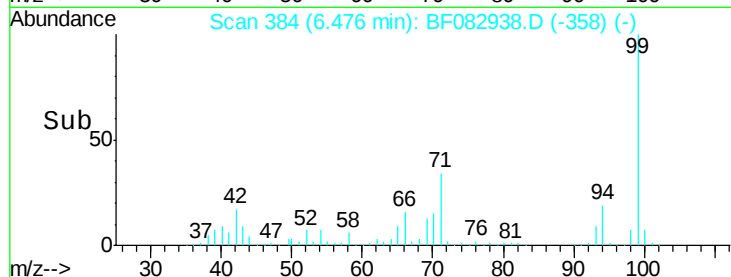
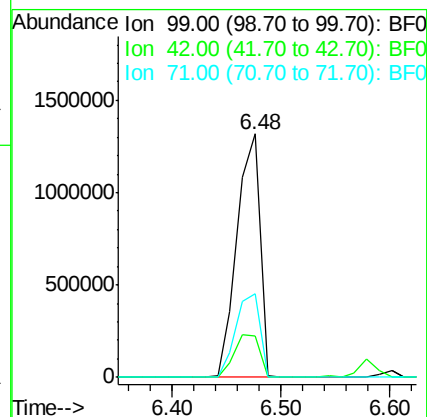
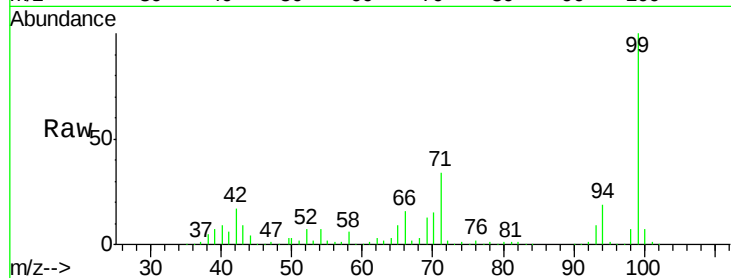
42 16.8 19.2 28.8#

71 34.3 35.0 52.4#

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#8

2-Chlorophenol

Concen: 39.18 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

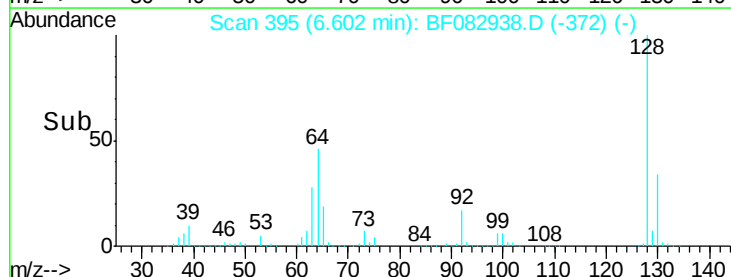
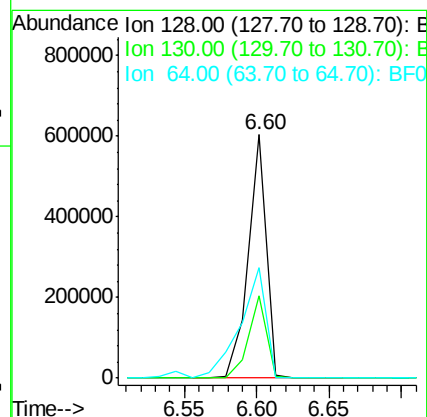
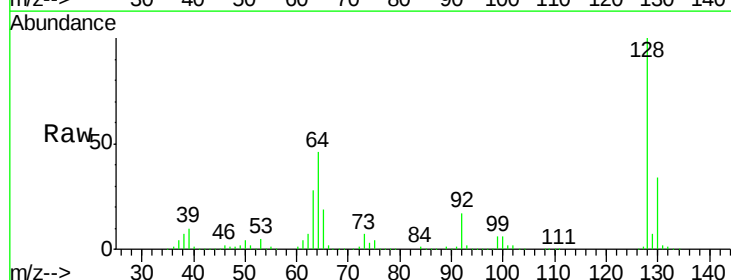
Tgt Ion: 128 Resp: 522045

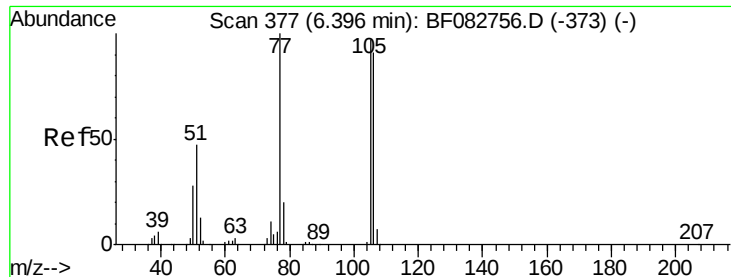
Ion Ratio Lower Upper

128 100

130 33.9 13.5 53.5

64 45.6 21.1 61.1





#9

Benzaldehyde

Concen: 4.80 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.06 min

Lab File: BF082938.D

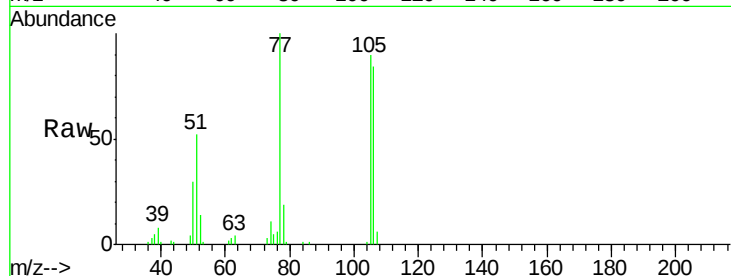
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Instrument :

BNA_F

ClientSampleId :

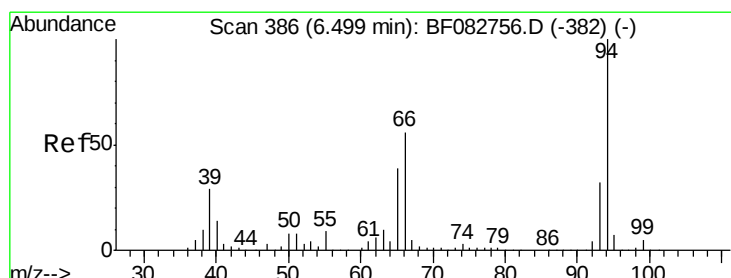
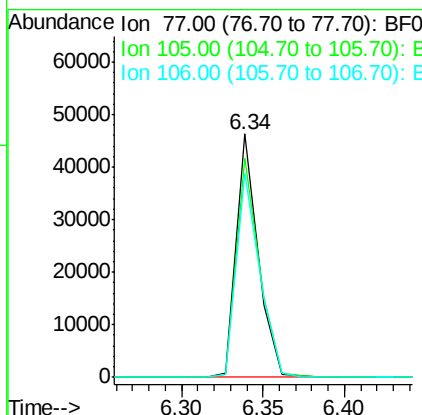
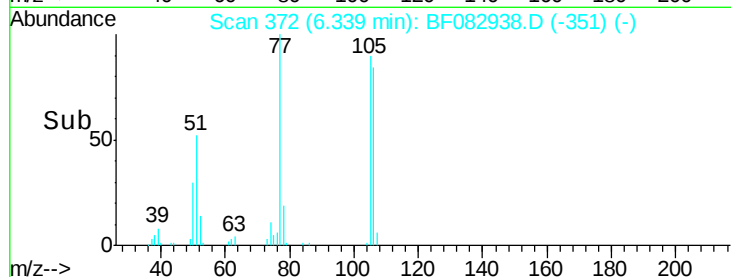
PB86619BS



Tgt Ion:	77	Resp:	42371
Ion Ratio	Lower	Upper	
77	100		
105	90.3	63.5	103.5
106	83.9	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 37.82 ng

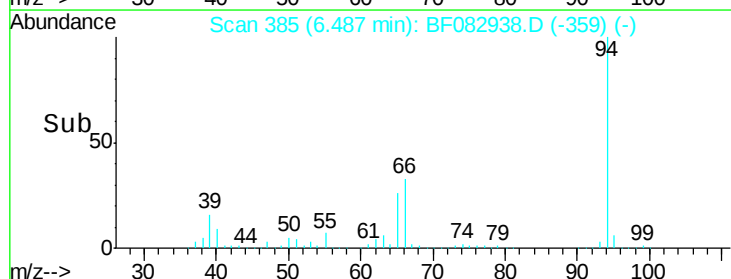
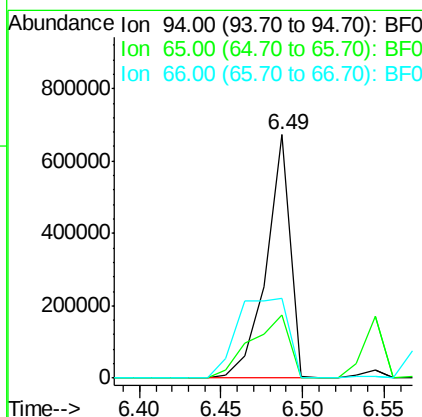
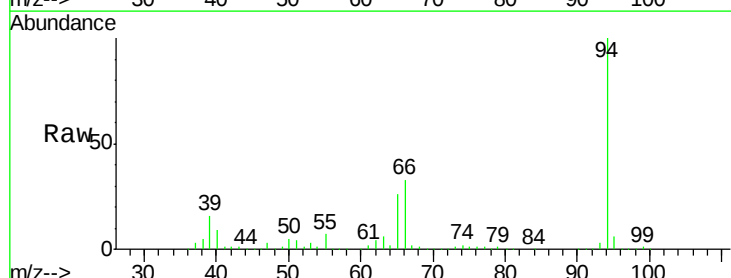
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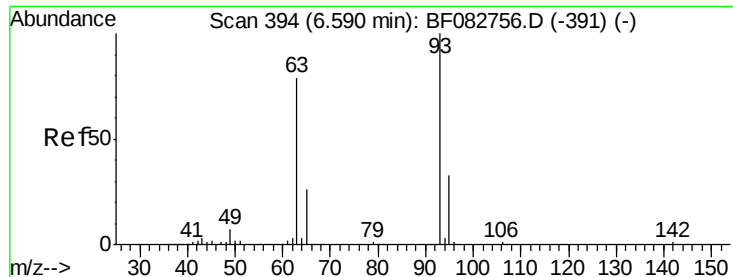
Delta R.T. 0.00 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	94	Resp:	685619
Ion Ratio	Lower	Upper	
94	100		
65	26.0	18.9	58.9
66	33.0	34.9	74.9#





#11

bis(2-Chloroethyl)ether

Concen: 41.27 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

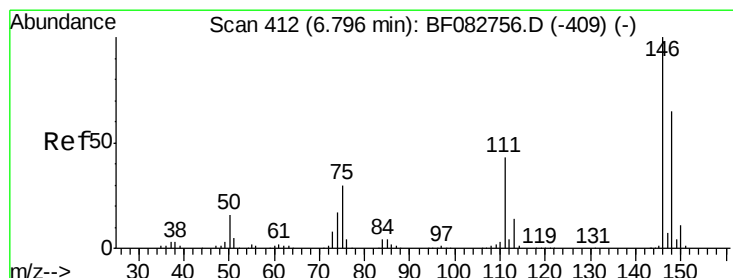
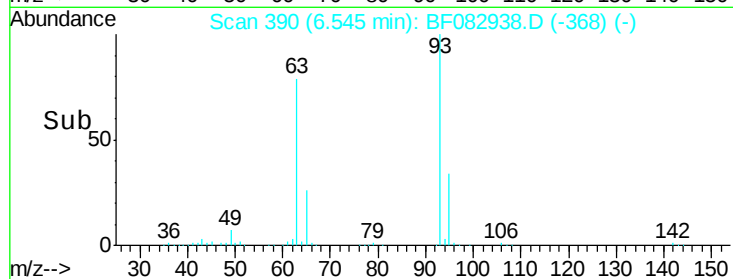
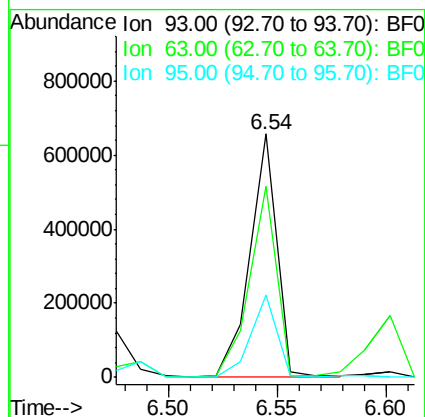
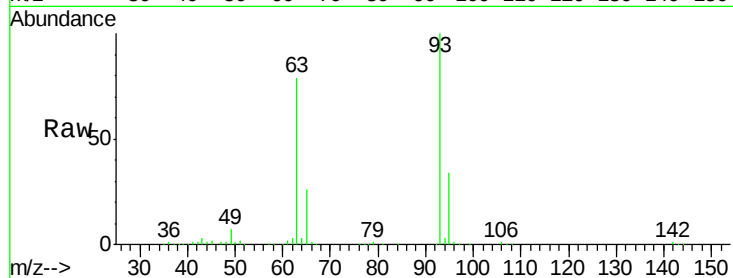
ClientSampleId :

PB86619BS

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Tgt Ion:	93	Resp:	559488
Ion Ratio	Lower	Upper	
93	100		
63	78.6	72.7	112.7
95	33.6	12.0	52.0



#12

1,3-Dichlorobenzene

Concen: 34.80 ng

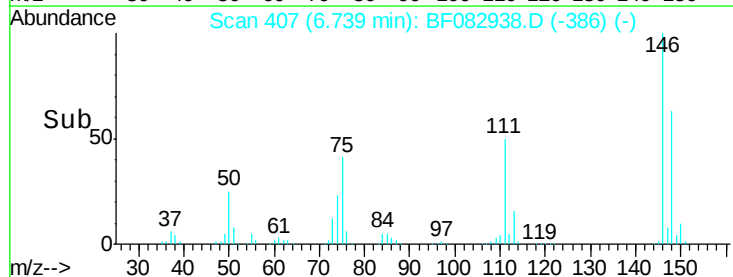
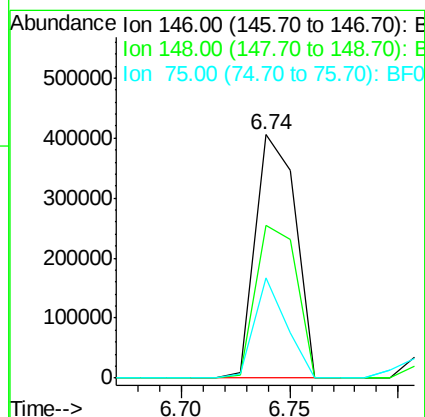
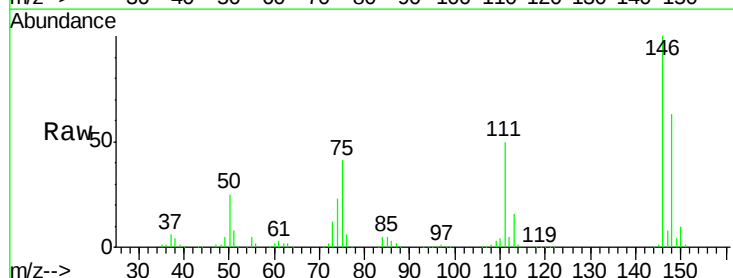
RT: 6.74 min Scan# 407

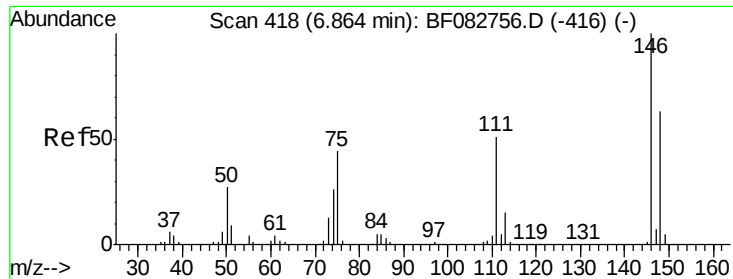
Delta R.T. -0.06 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	146	Resp:	522972
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.5	75.7
75	41.3	39.5	59.3





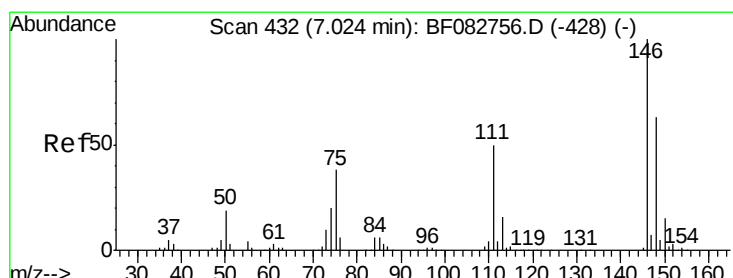
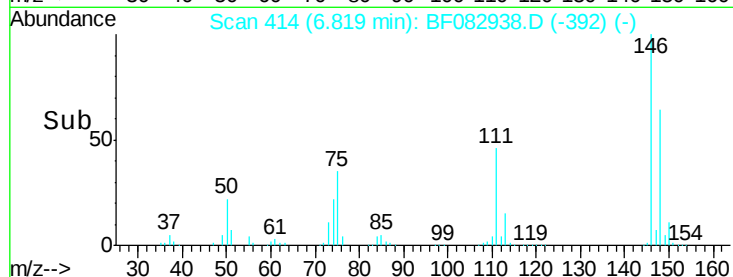
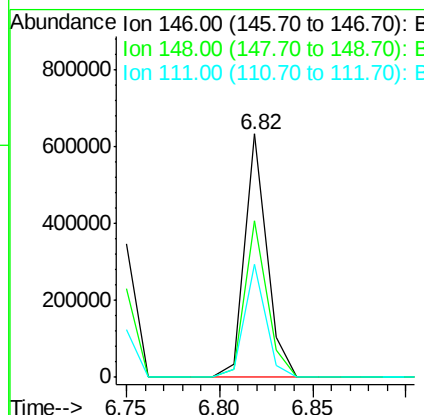
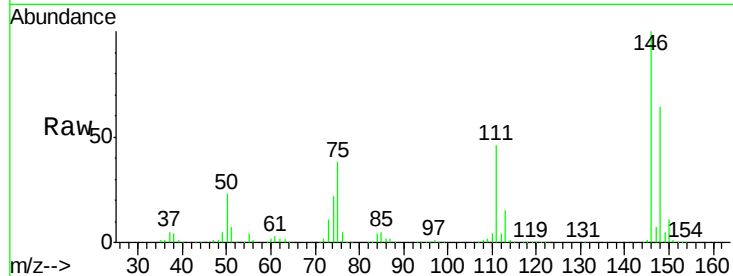
#13
1,4-Dichlorobenzene
Concen: 33.92 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	46.5	40.6	60.8

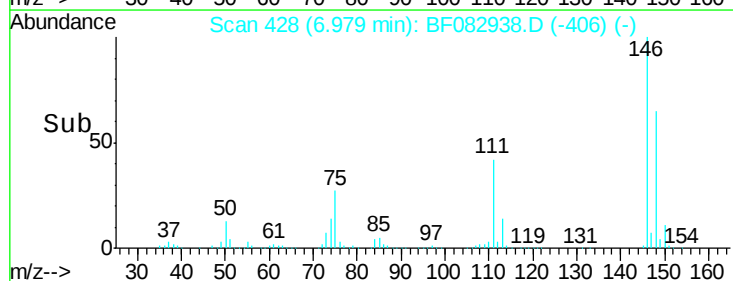
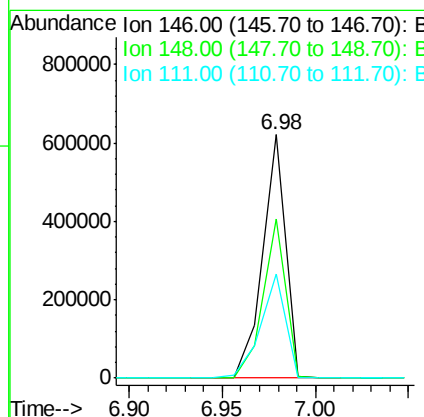
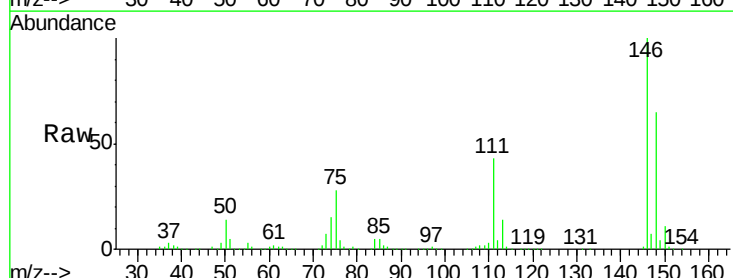
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#14
1,2-Dichlorobenzene
Concen: 36.76 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.4
111	42.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 31.61 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

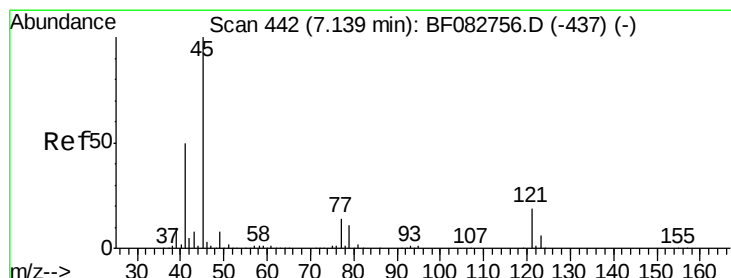
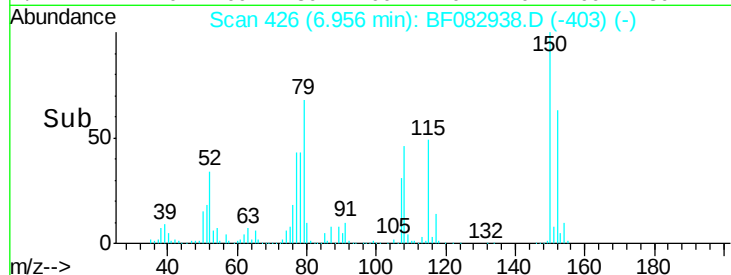
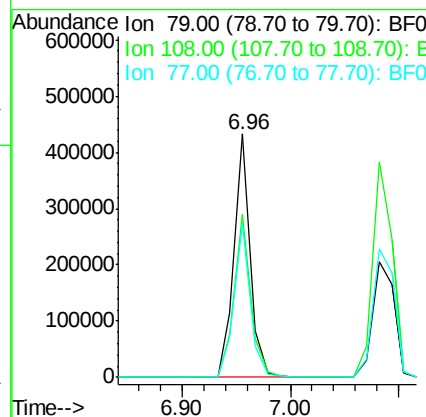
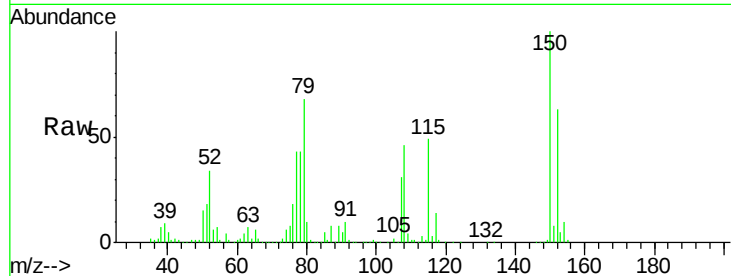
ClientSampleId :

PB86619BS

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Tgt Ion:	79	Resp:	443614
Ion Ratio	Lower	Upper	
79	100		
108	67.2	52.2	78.4
77	63.0	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.44 ng

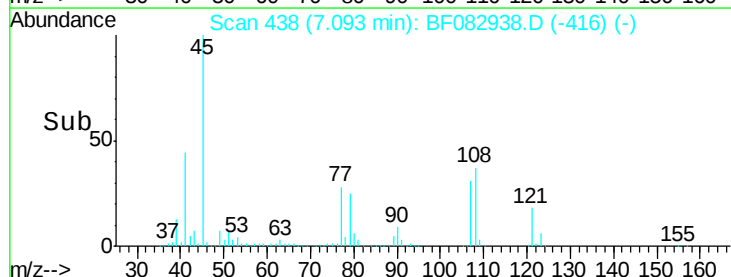
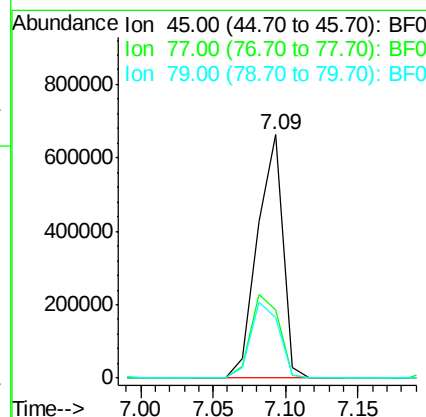
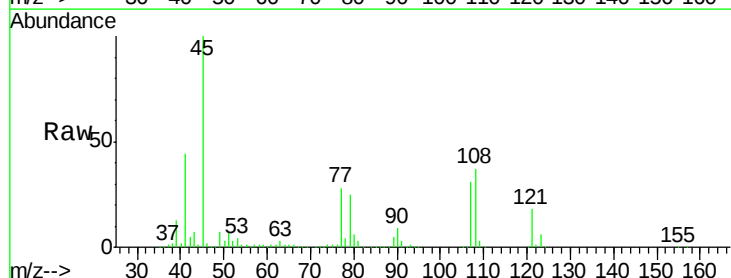
RT: 7.09 min Scan# 438

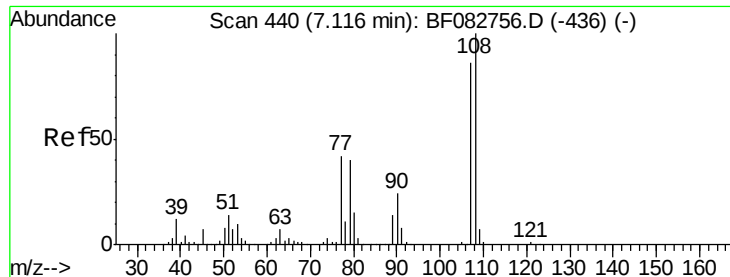
Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	45	Resp:	804166
Ion Ratio	Lower	Upper	
45	100		
77	28.0	0.0	32.6
79	24.8	0.0	29.2





#17

2-Methylphenol

Concen: 36.00 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF082938.D

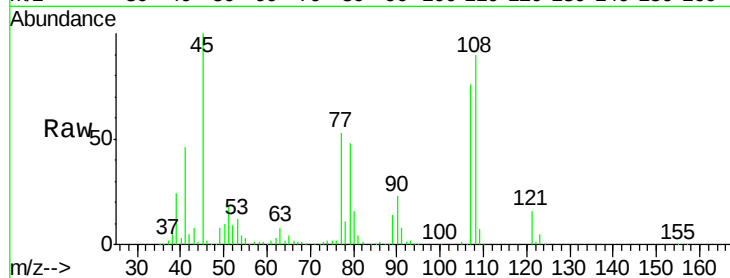
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

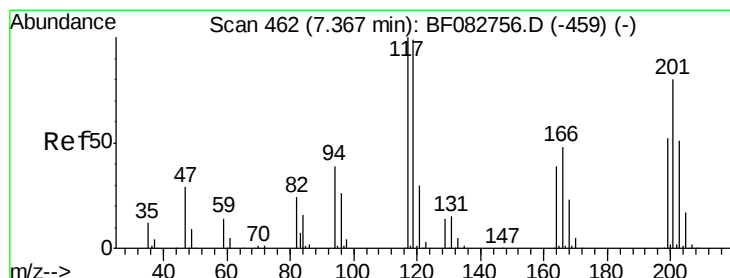
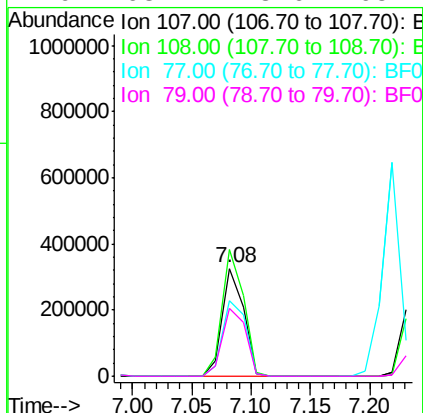
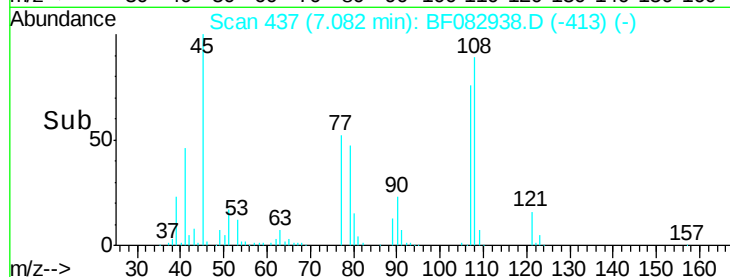
PB86619BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.9	93.0	139.4	
77	70.2	44.1	66.1	#
79	63.4	43.6	65.4	

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#18

Hexachloroethane

Concen: 33.23 ng

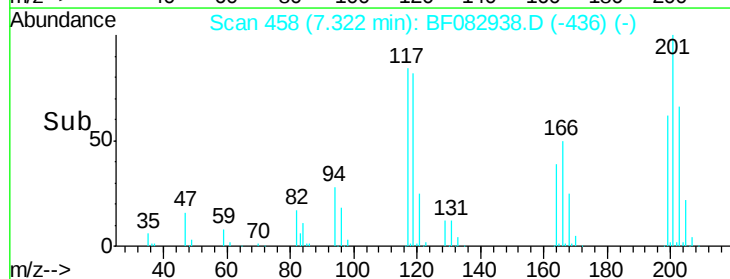
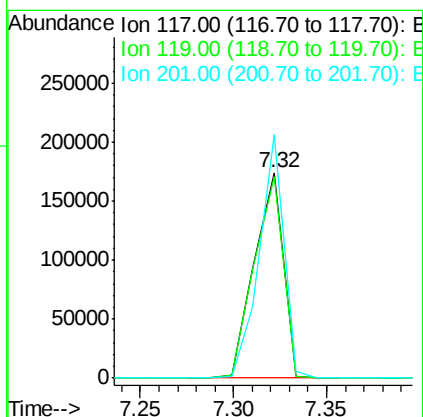
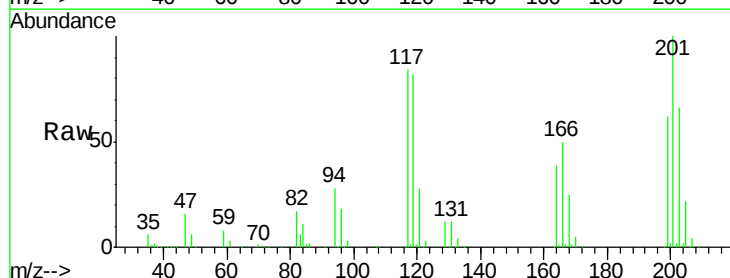
RT: 7.32 min Scan# 458

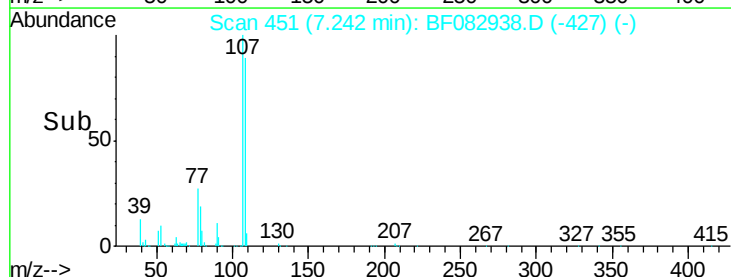
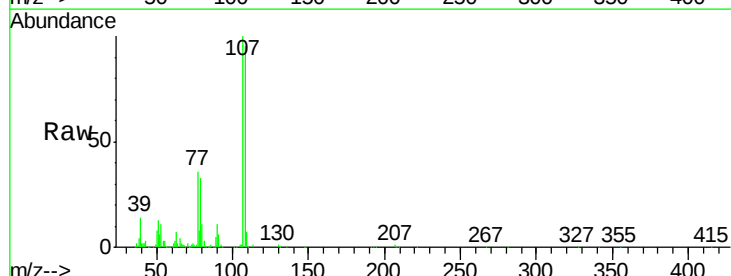
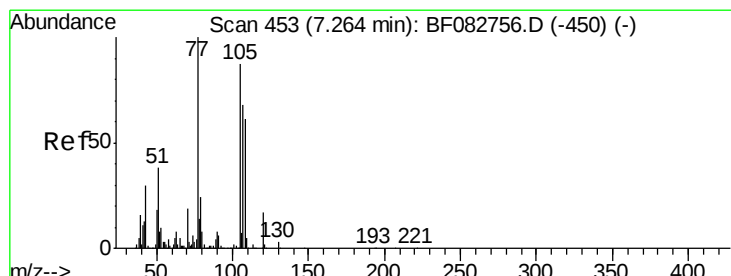
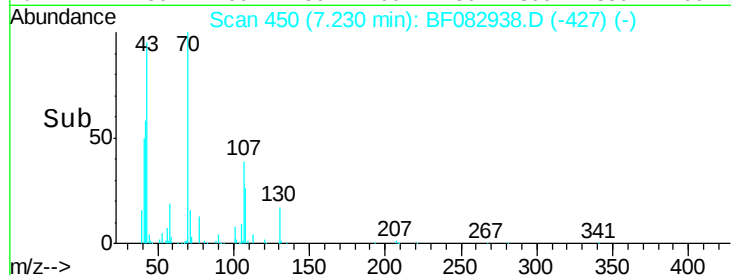
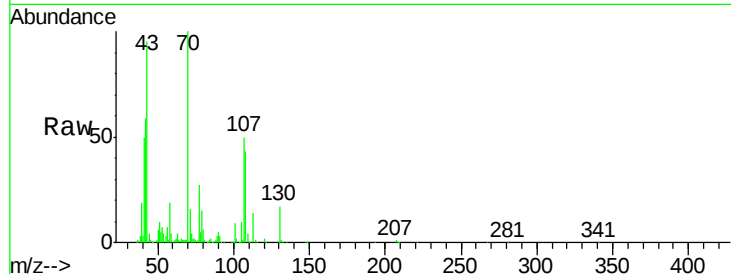
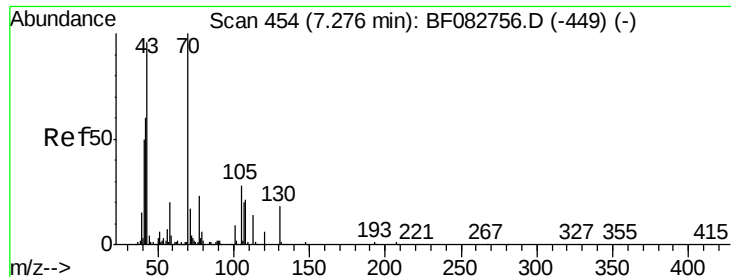
Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

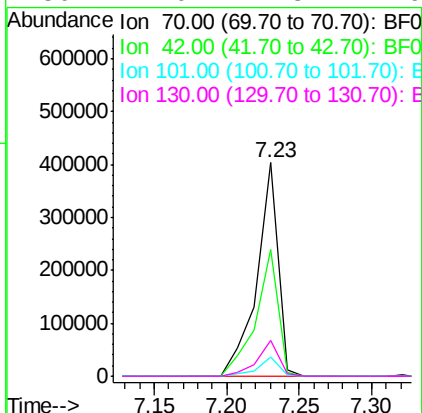
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.7	116.5	
201	118.5	66.7	100.1	#





#19
n-Nitroso-di-n-propylamine
Concen: 35.01 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.4	57.7	86.5	
101	8.8	7.0	10.6	
130	17.0	11.8	17.6	



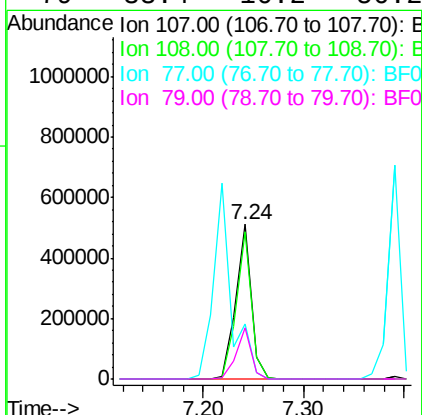
Instrument :
BNA_F
ClientSampleId :
PB86619BS

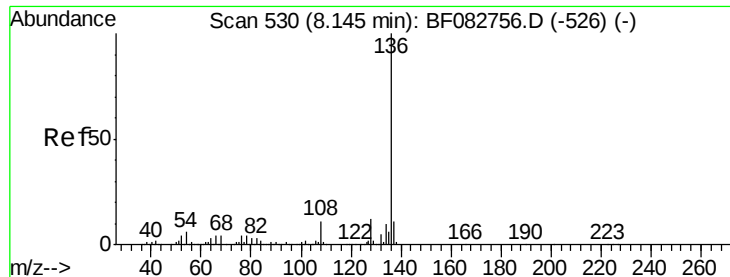
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#20
3+4-Methylphenols
Concen: 37.44 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.9	67.3	107.3	
77	35.8	100.3	140.3#	
79	33.4	16.2	56.2	





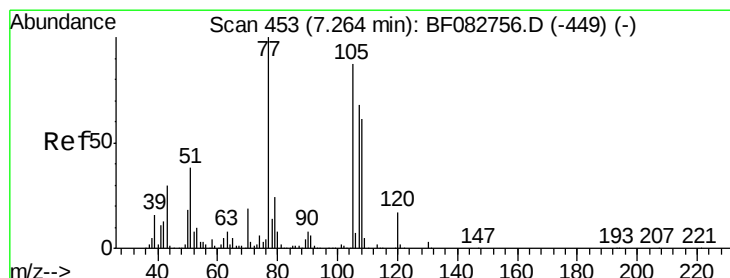
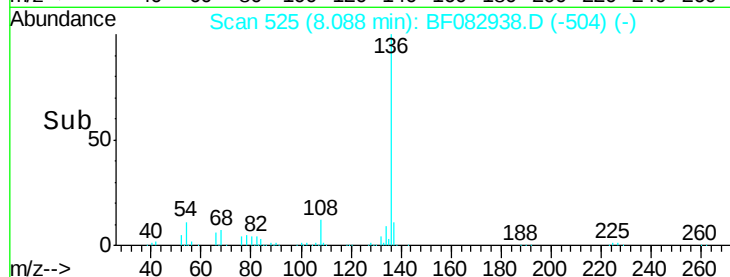
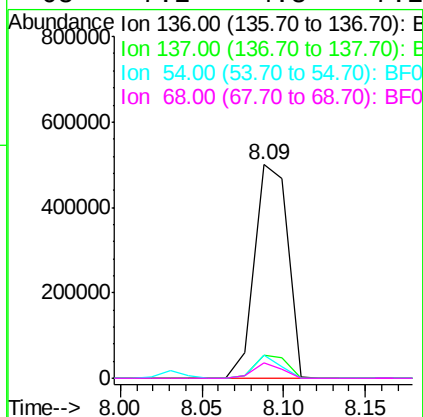
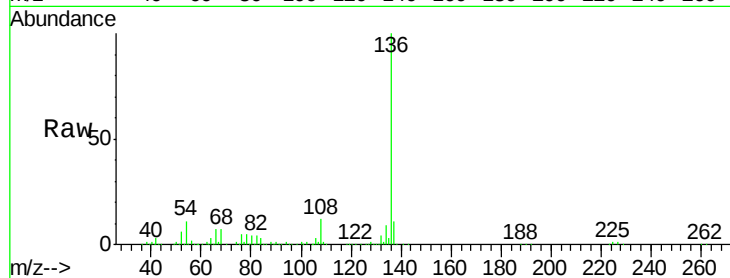
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.1	13.7
54	10.8	9.1	13.7
68	7.2	4.8	7.2#

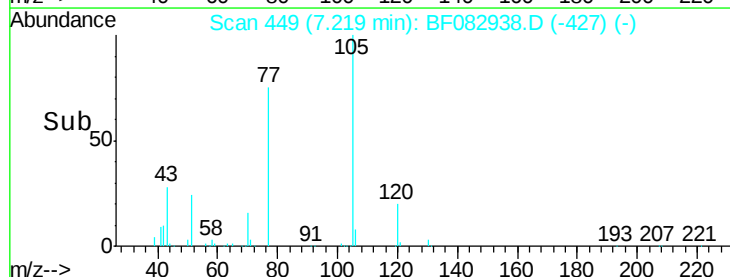
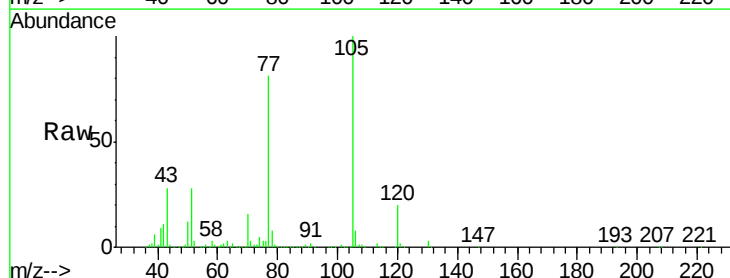
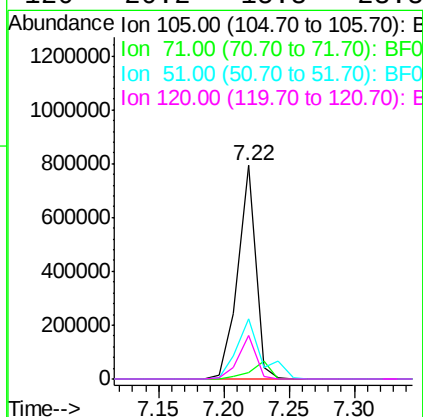
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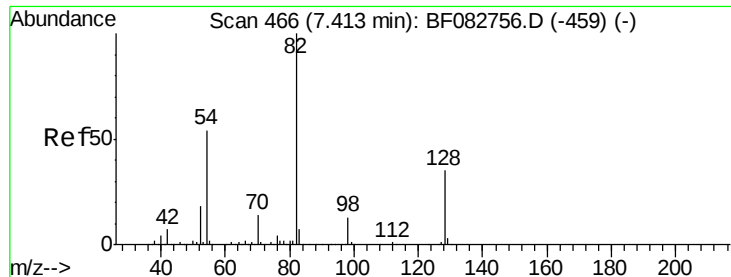
Mmdadoda
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#22
Acetophenone
Concen: 37.10 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.8	5.6	8.4#
51	28.0	24.9	37.3
120	20.2	15.8	23.8





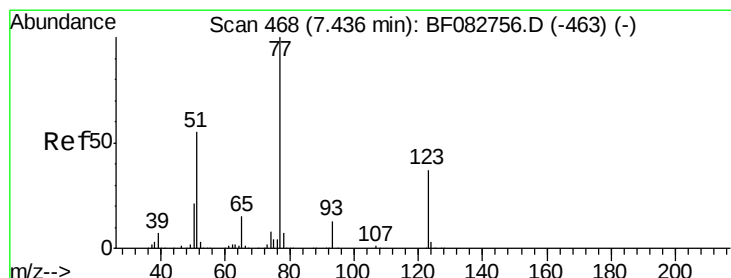
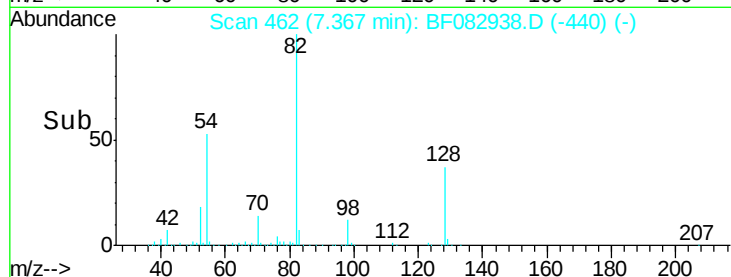
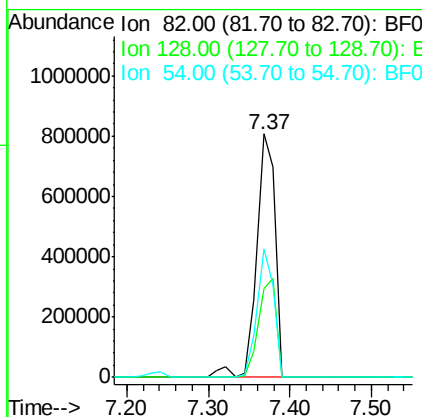
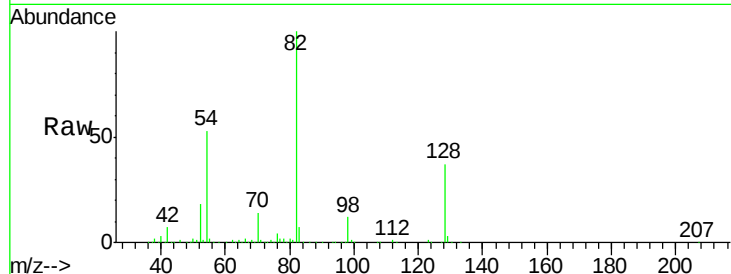
#23
 Nitrobenzene-d5
 Concen: 77.62 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.04 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion: 82 Resp: 1263060
 Ion Ratio Lower Upper
 82 100
 128 36.5 26.8 40.2
 54 52.8 45.7 68.5

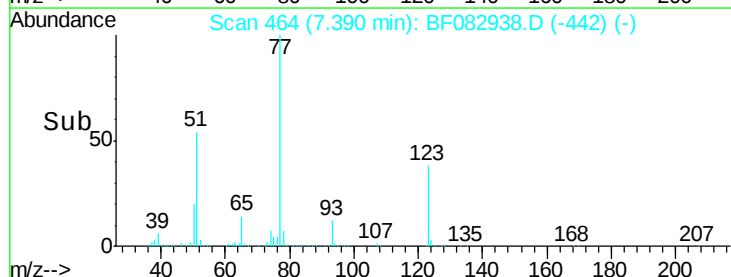
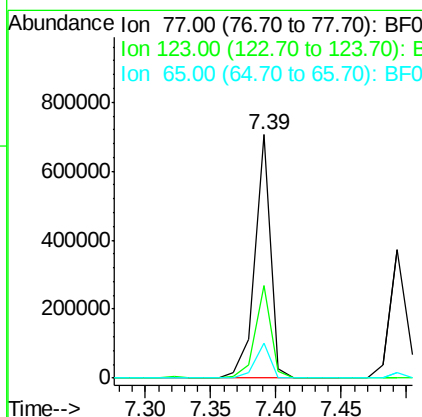
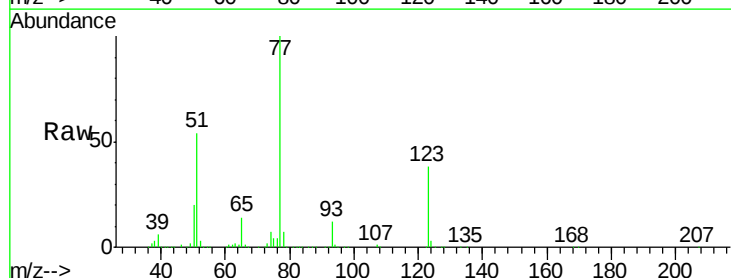
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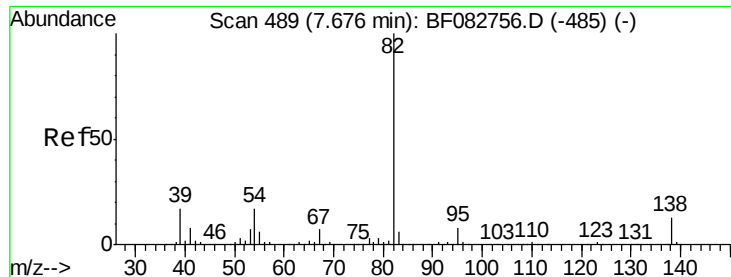
Mmdadoda
 11/16/2015 12:44:08 PM



#24
 Nitrobenzene
 Concen: 35.55 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion: 77 Resp: 591564
 Ion Ratio Lower Upper
 77 100
 123 37.9 36.4 54.6
 65 14.2 11.5 17.3





#25

Isophorone

Concen: 34.35 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion: 82 Resp: 1034279

Ion Ratio Lower Upper

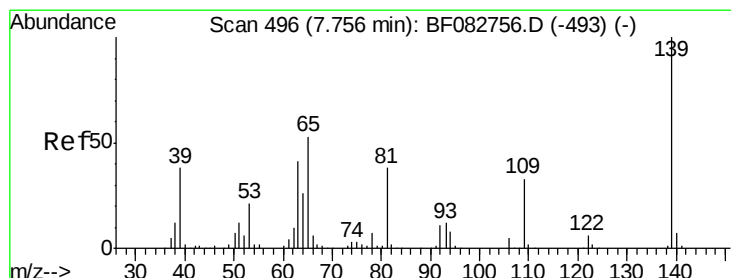
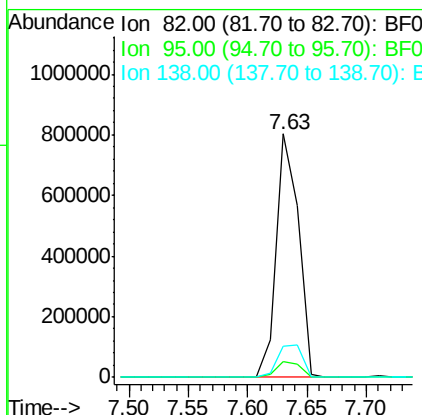
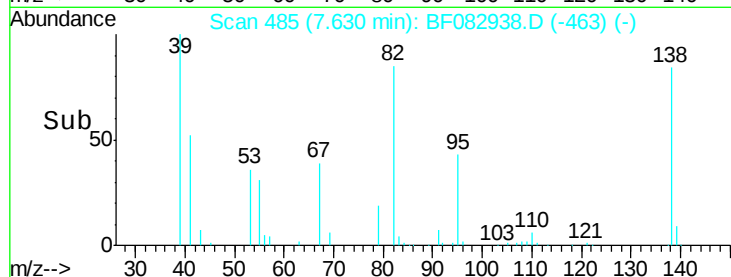
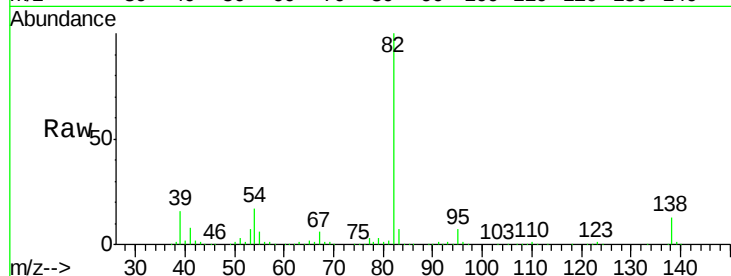
82 100

95 6.6 6.6 9.8

138 12.8 11.4 17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.17 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

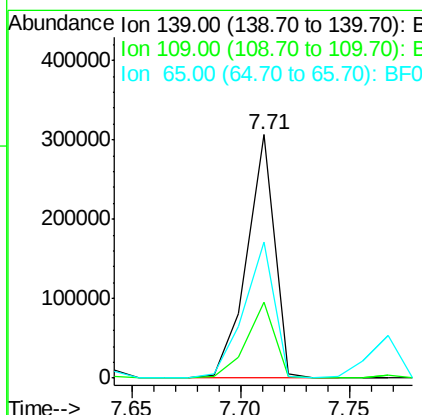
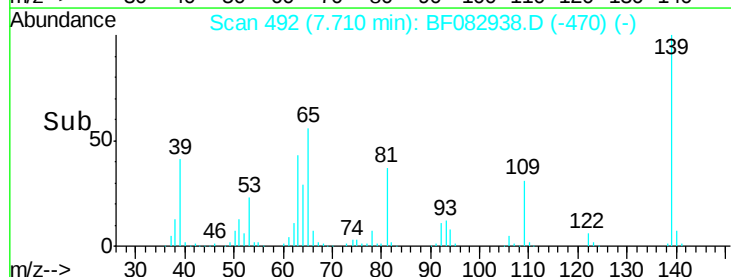
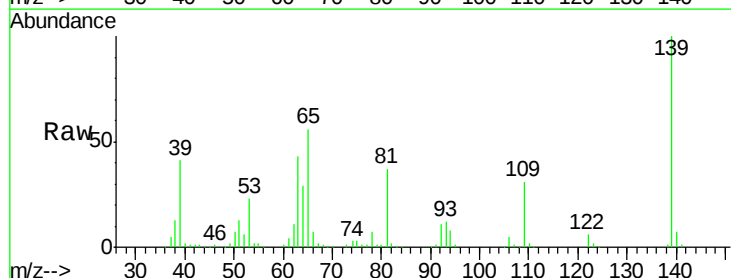
Tgt Ion: 139 Resp: 272066

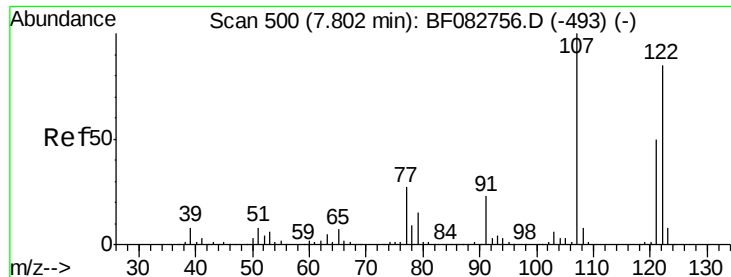
Ion Ratio Lower Upper

139 100

109 31.4 37.6 56.4#

65 56.1 70.6 105.8#





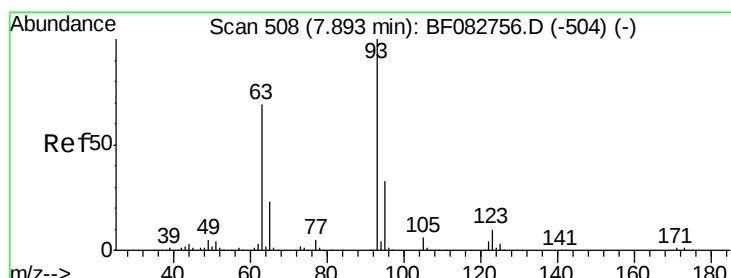
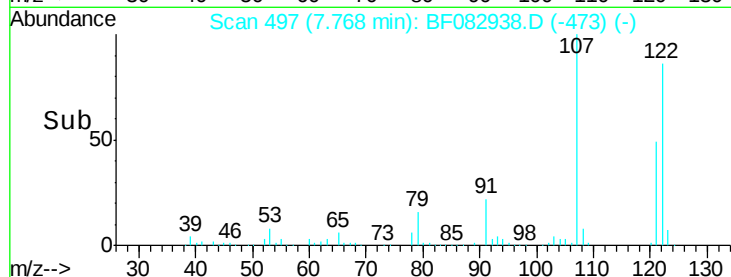
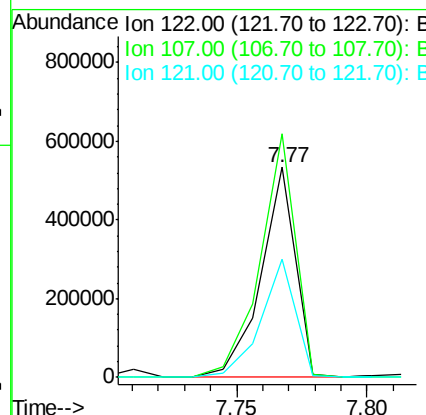
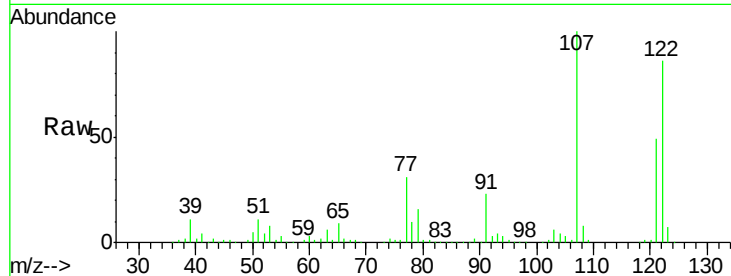
#27
 2,4-Dimethylphenol
 Concen: 39.23 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.02 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	489659		
107	116.1	106.0	159.0	
121	56.5	46.7	70.1	

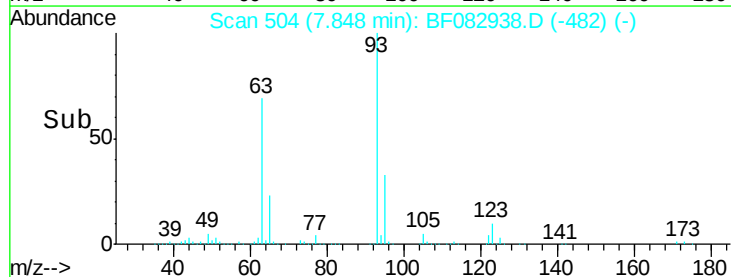
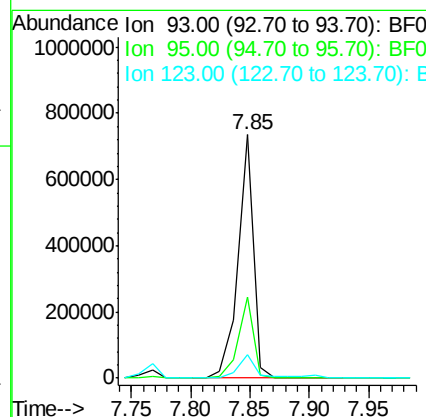
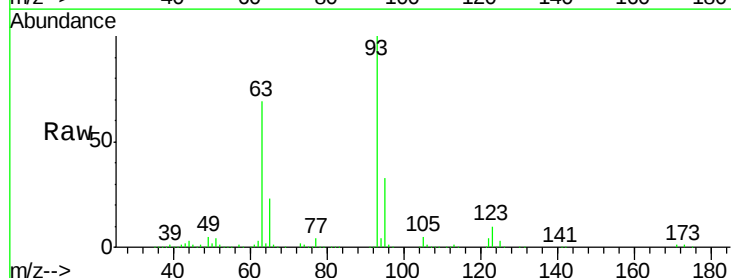
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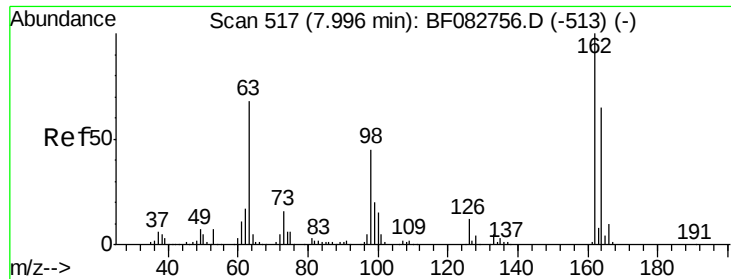
Mmdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.00 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	662387		
95	33.3	26.6	40.0	
123	9.9	9.7	14.5	





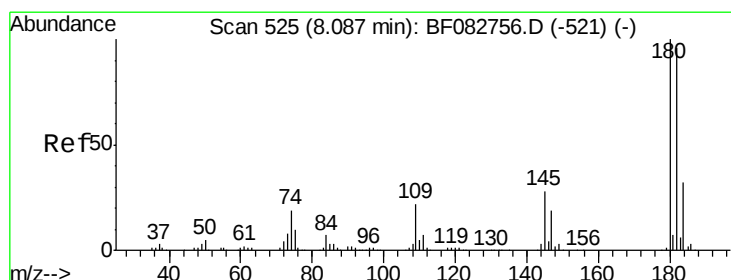
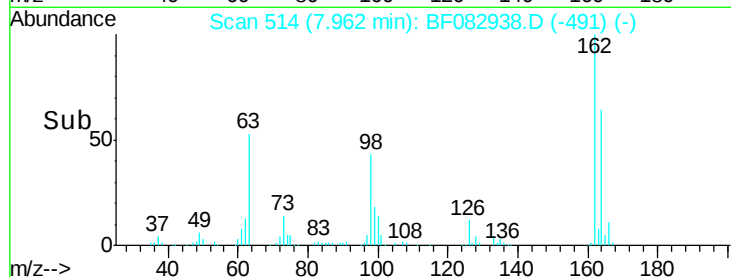
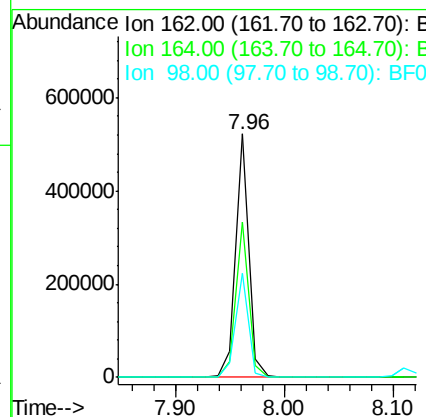
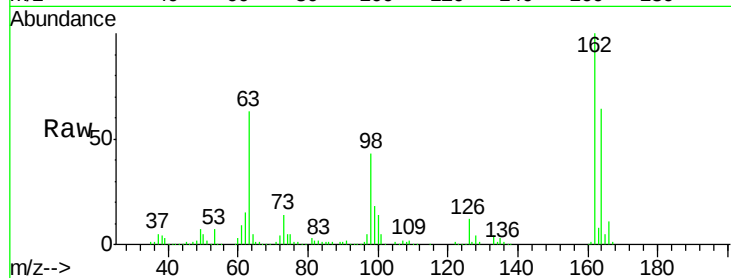
#29
2,4-Dichlorophenol
Concen: 38.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	46.8	86.8
98	42.8	12.5	52.5

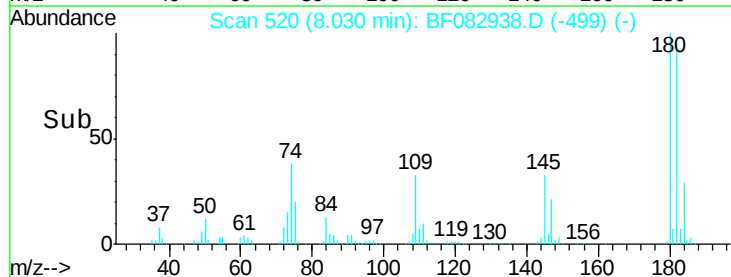
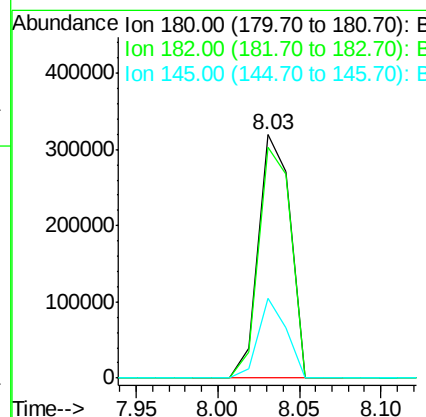
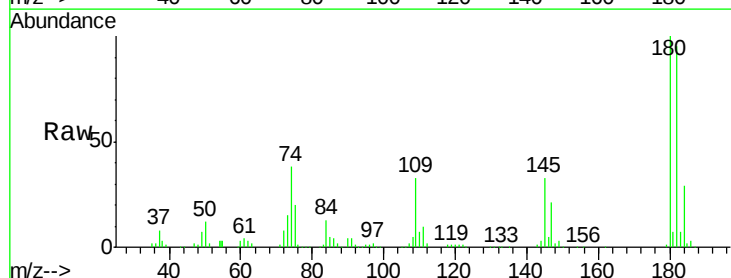
Manual Integrations
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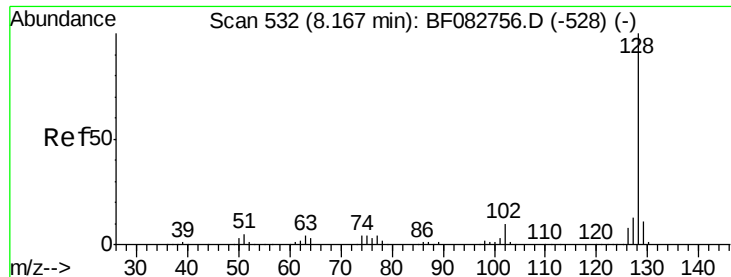
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11/16/2015 12:44:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.10 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.06 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	74.9	112.3
145	32.7	27.8	41.8





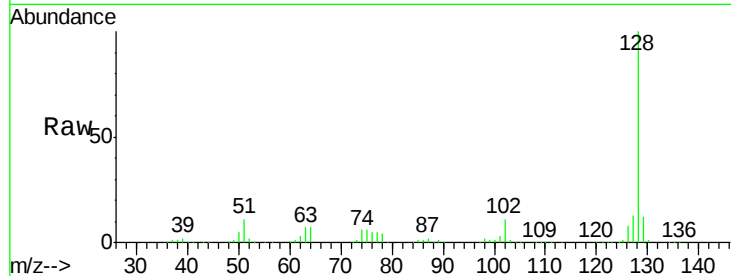
#31
Naphthalene
Concen: 32.72 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampled :
PB86619BS

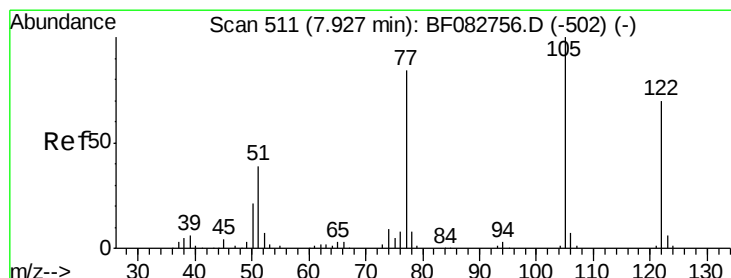
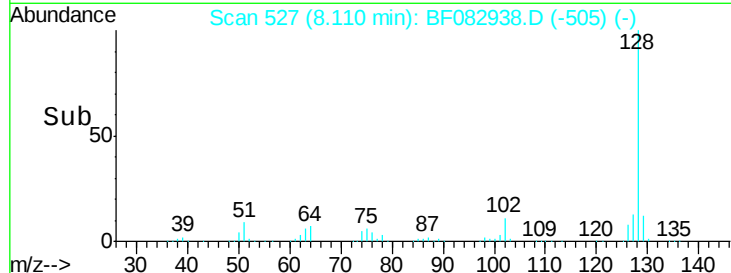
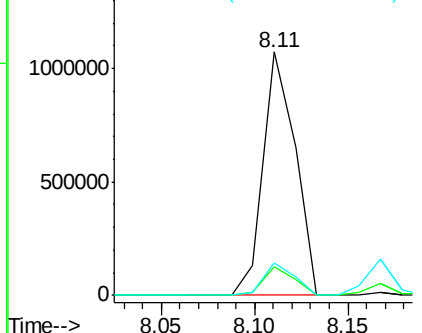
Tgt Ion:128 Resp: 1278072
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.5 11.4 17.0

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11/16/2015 12:44:08 PM

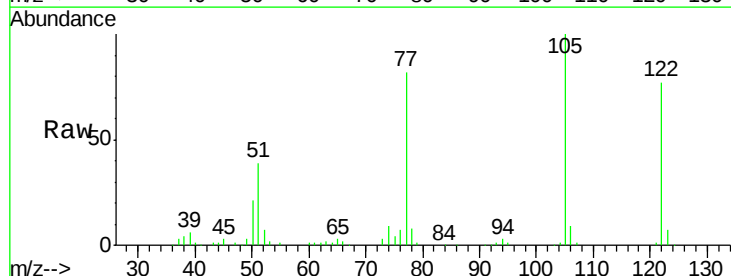


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

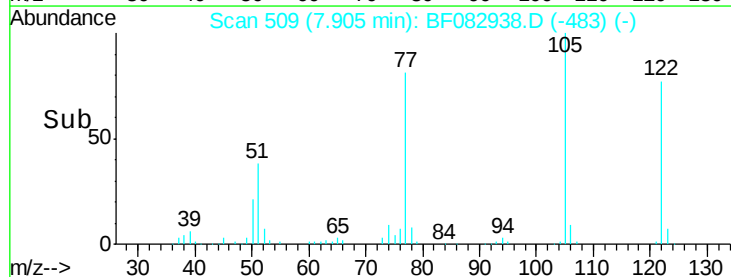
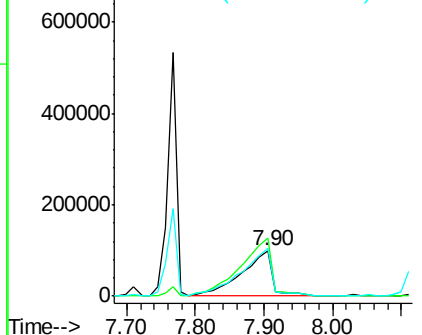


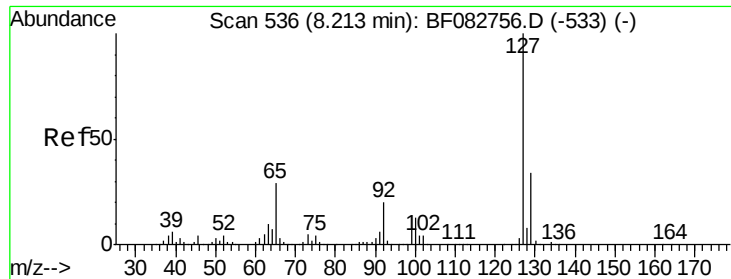
#32
Benzoic acid
Concen: 35.65 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion:122 Resp: 304610
Ion Ratio Lower Upper
122 100
105 129.5 122.6 162.6
77 106.3 100.9 140.9



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





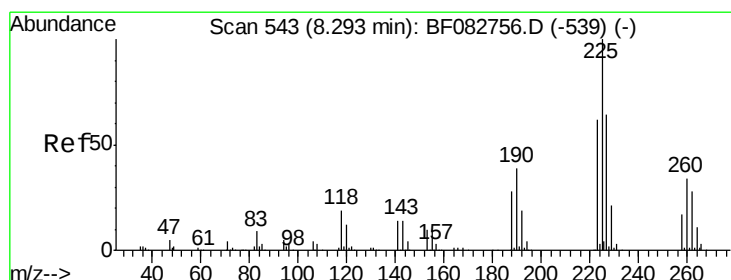
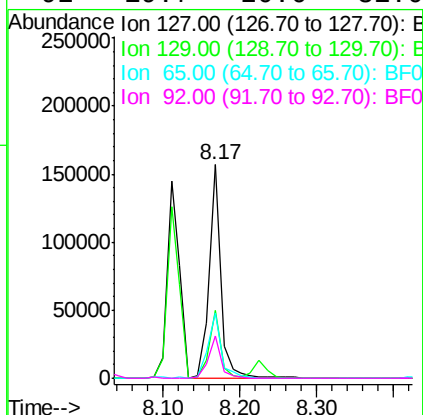
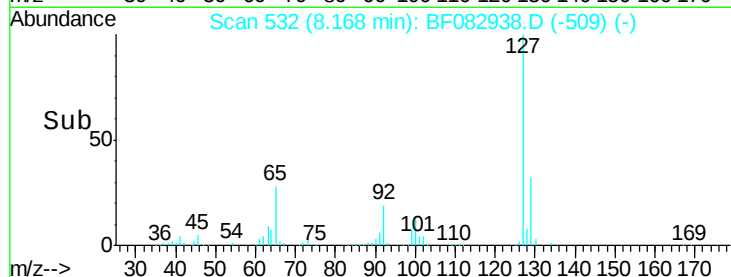
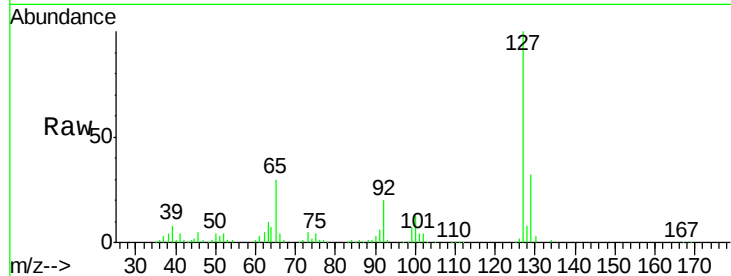
#33
4-Chloroaniline
Concen: 9.76 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	164387		
129	32.0	26.3	39.5	
65	30.5	37.8	56.8	
92	19.7	20.6	31.0	

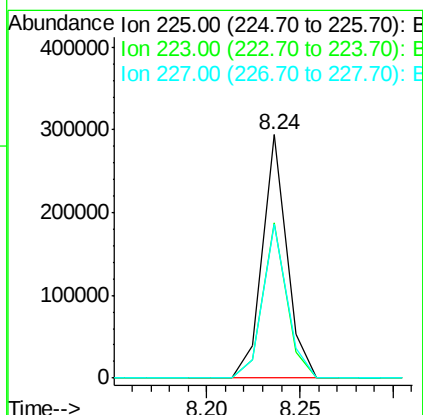
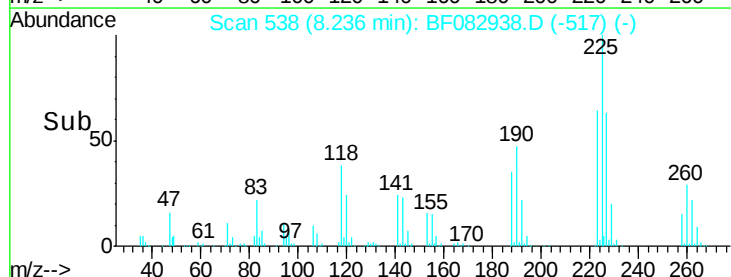
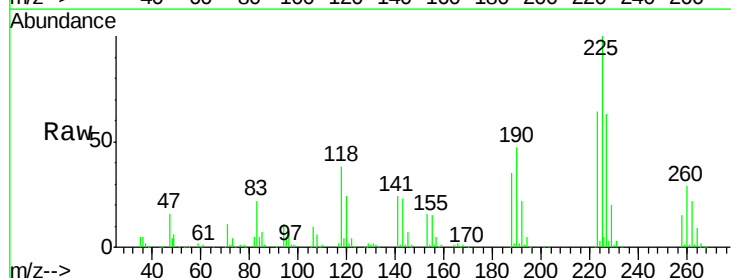
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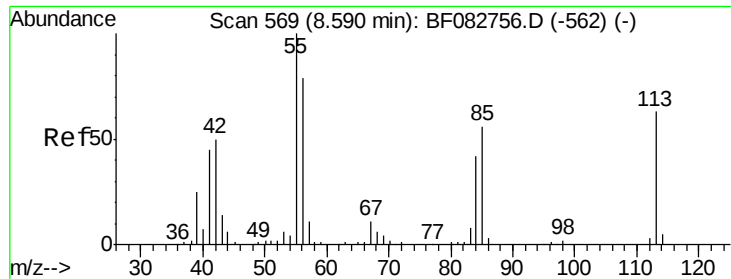
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#34
Hexachlorobutadiene
Concen: 33.43 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.06 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	265426		
223	64.0	50.5	75.7	
227	63.1	50.2	75.2	





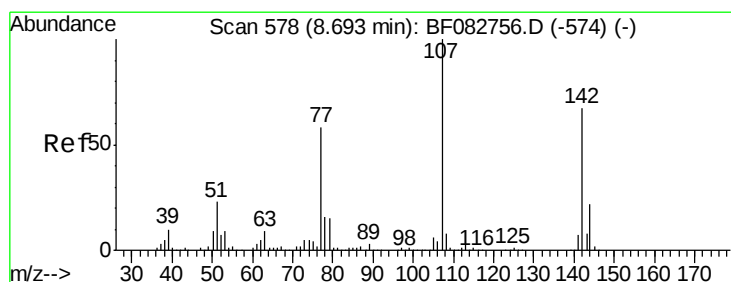
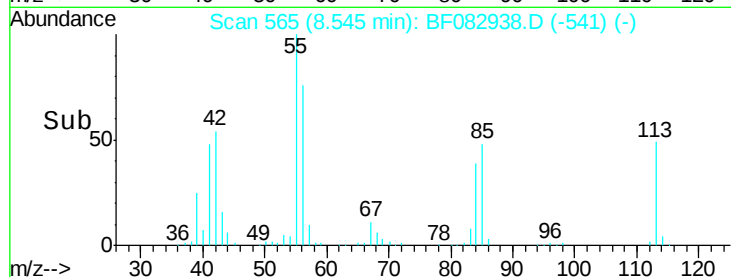
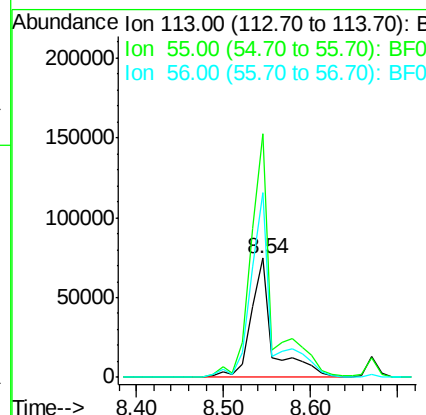
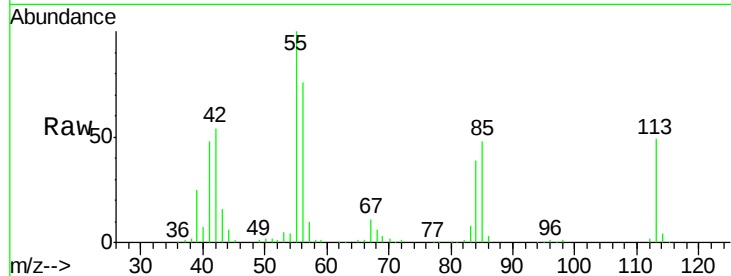
#35
 Caprolactam
 Concen: 36.52 ng
 RT: 8.54 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129861		
55	204.7	195.5	235.5	
56	155.0	153.5	193.5	

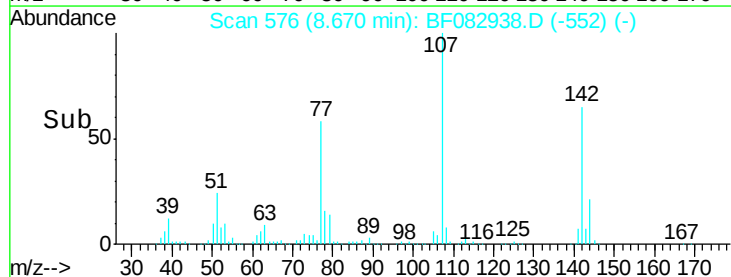
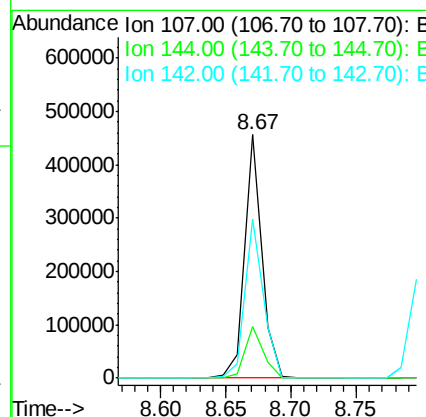
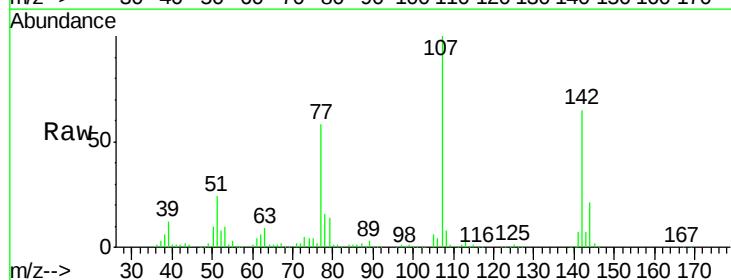
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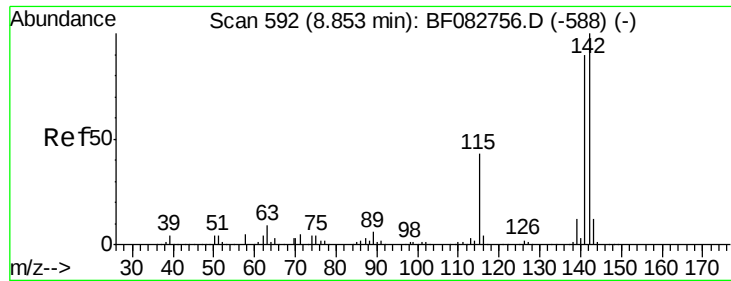
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 11/16/2015 12:44:08 PM



#36
 4-Chloro-3-methylphenol
 Concen: 31.41 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	416634		
144	21.2	15.4	23.0	
142	65.4	47.8	71.8	





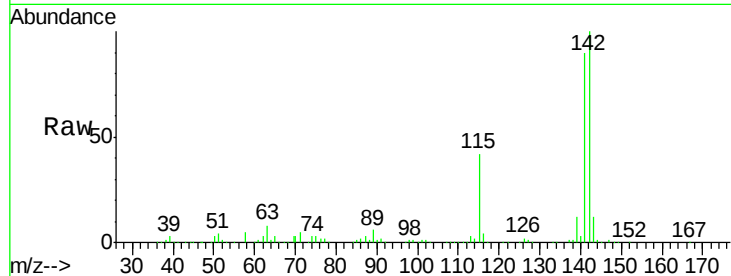
#37
2-Methylnaphthalene
Concen: 34.94 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

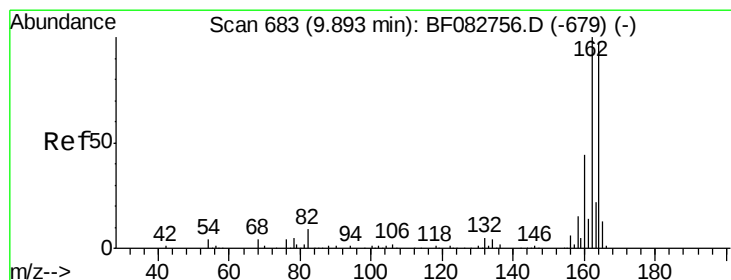
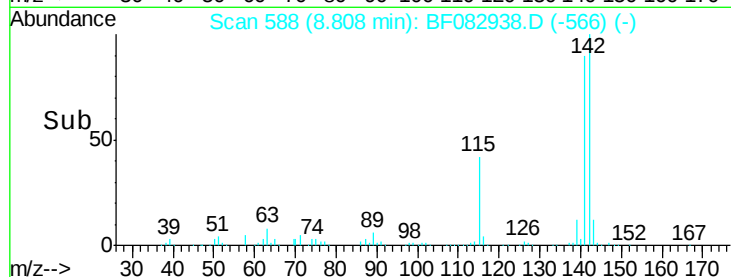
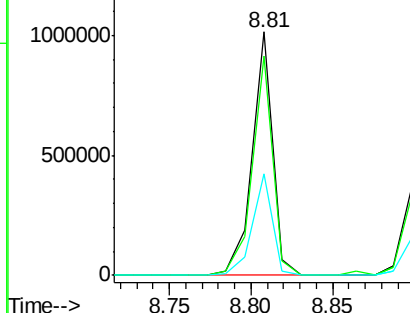
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	41.9	38.1	57.1

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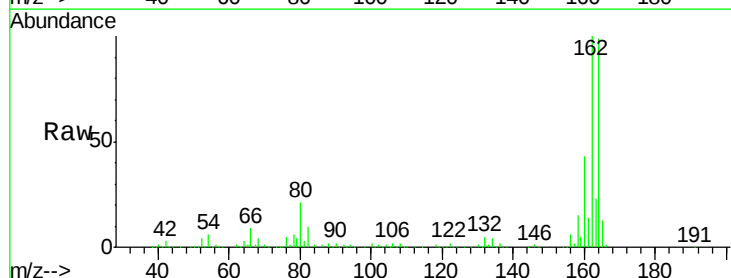


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

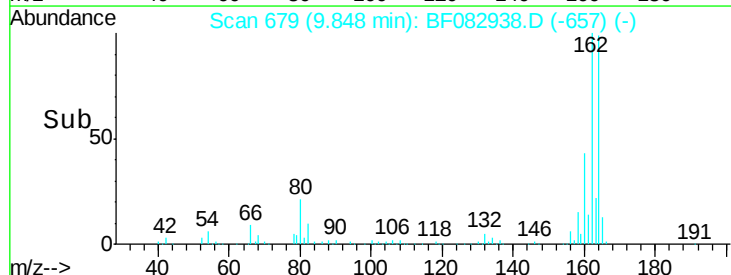
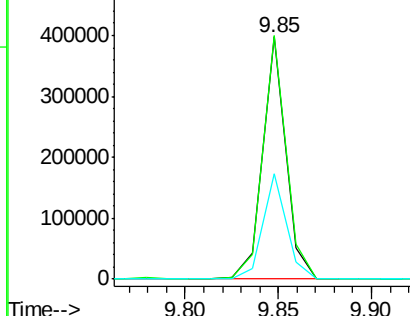


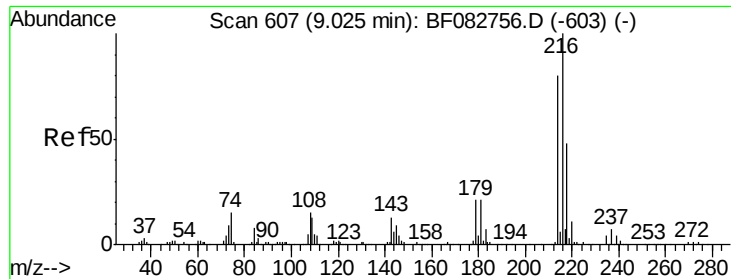
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	84.9	127.3
160	43.6	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.47 ng

RT: 8.98 min Scan# 603

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

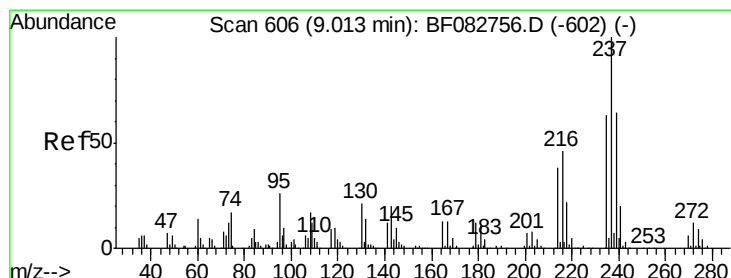
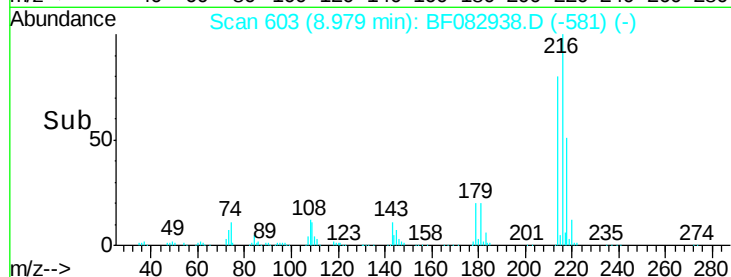
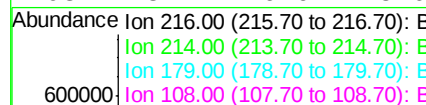
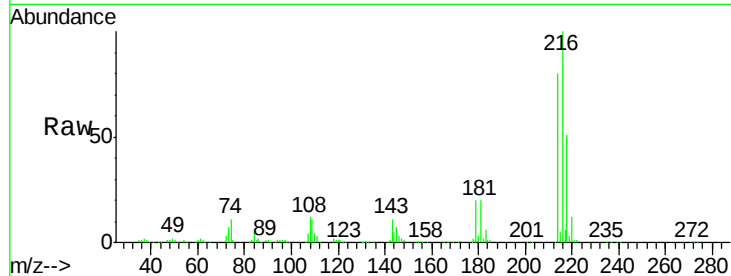
ClientSampleId :

PB86619BS

Tgt Ion:	216	Resp:	438248
Ion Ratio	Lower	Upper	
216	100		
214	80.2	62.2	93.2
179	21.5	18.1	27.1
108	18.1	16.6	25.0

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#40

Hexachlorocyclopentadiene

Concen: 21.63 ng

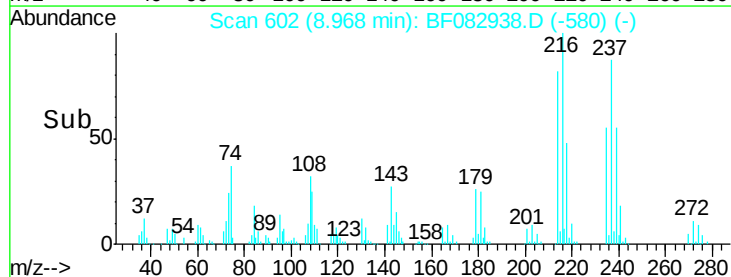
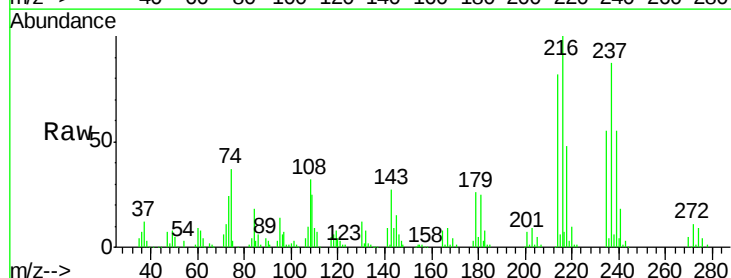
RT: 8.97 min Scan# 602

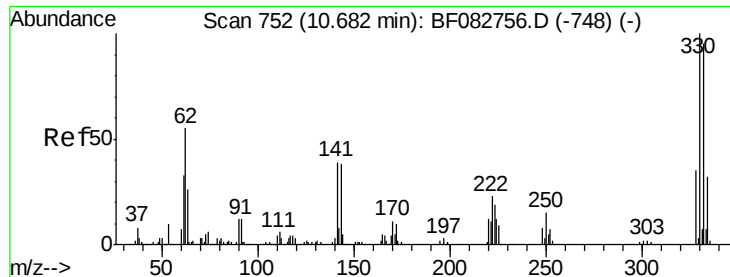
Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	237	Resp:	129036
Ion Ratio	Lower	Upper	
237	100		
235	63.0	44.3	84.3
272	12.3	0.0	31.9





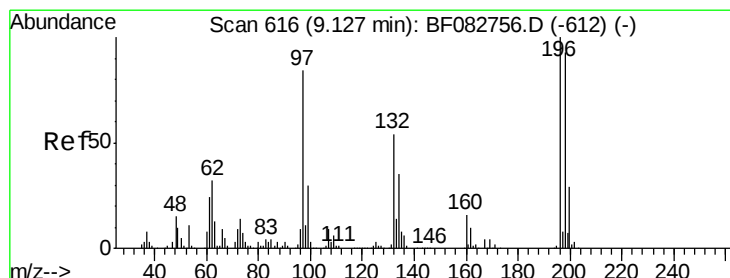
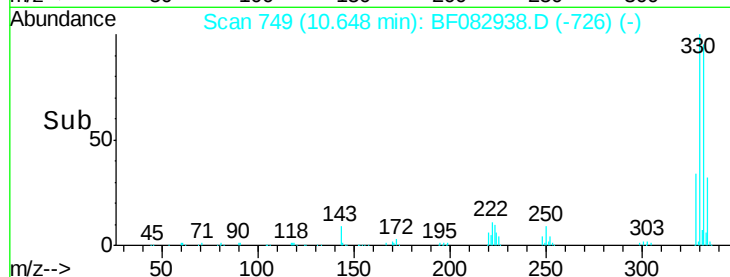
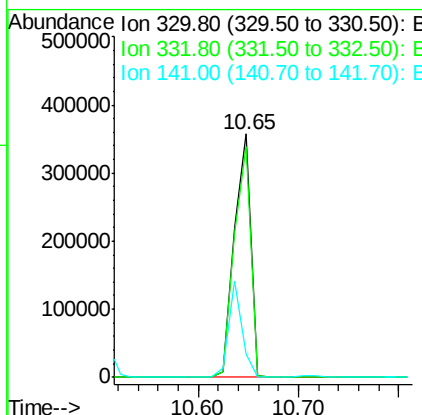
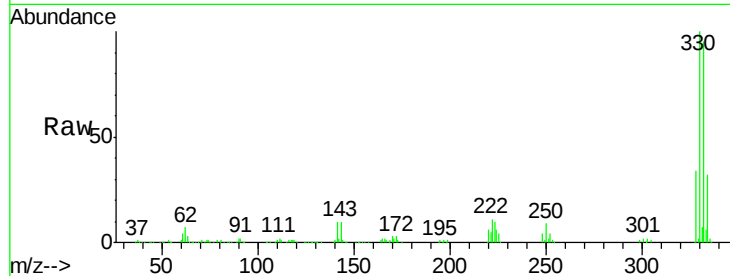
#41
 2,4,6-Tribromophenol
 Concen: 104.55 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	405065		
332	95.6	76.6	114.8	
141	32.3	41.2	61.8#	

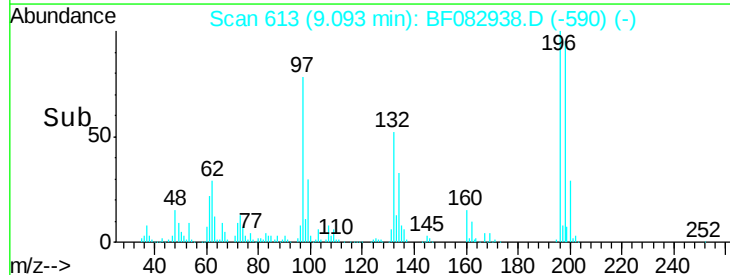
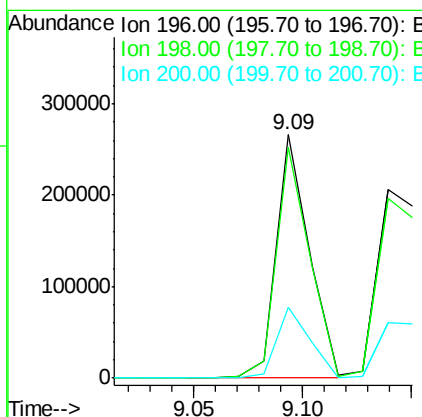
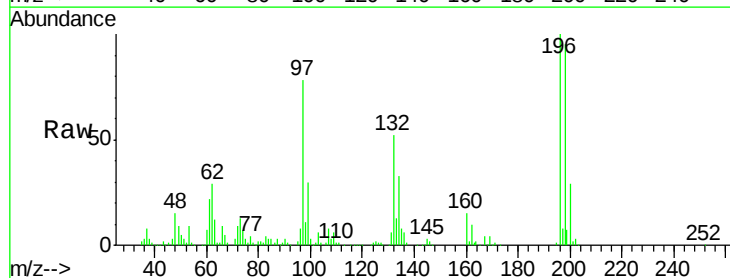
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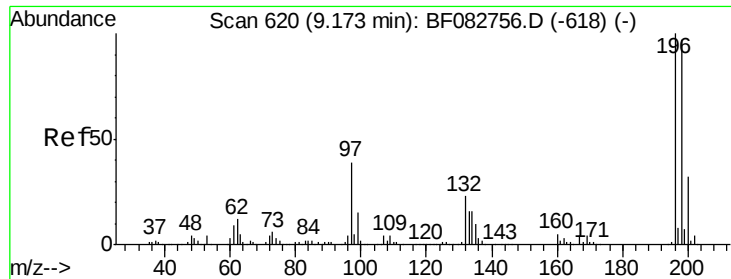
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 11/16/2015 12:44:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 33.97 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.03 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

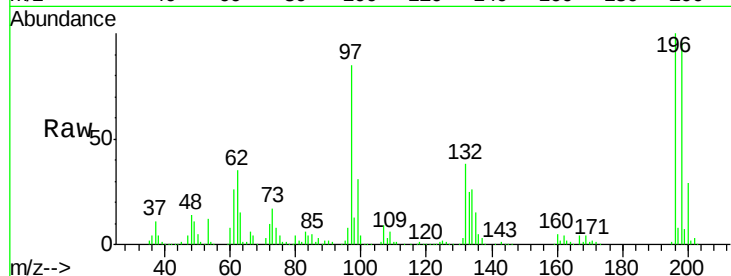
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281584		
198	94.8	76.3	114.5	
200	29.0	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 33.98 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

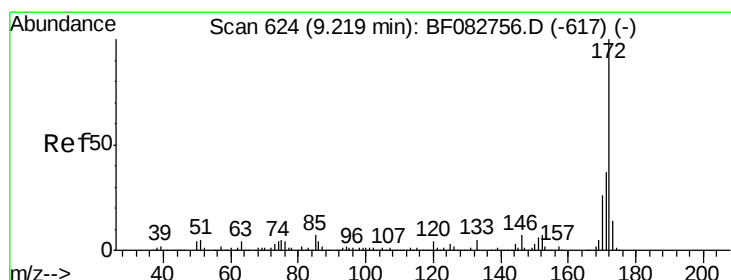
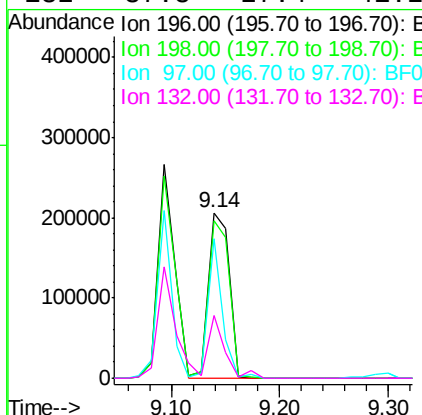
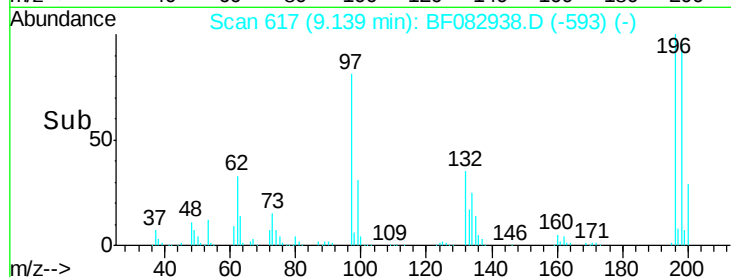
Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	278527		
198	95.5	75.8	113.8	
97	84.9	62.3	93.5	
132	37.8	27.4	41.2	

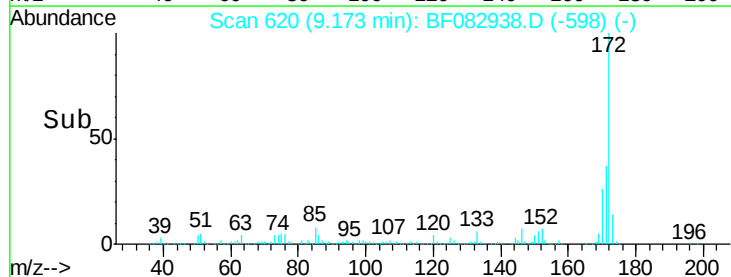
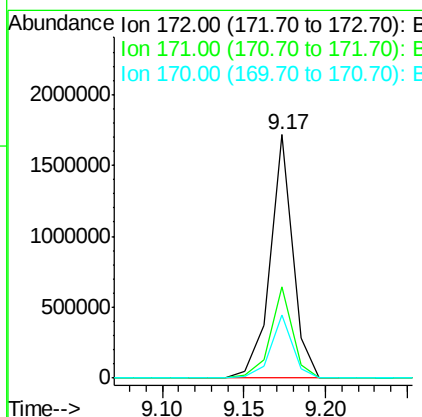
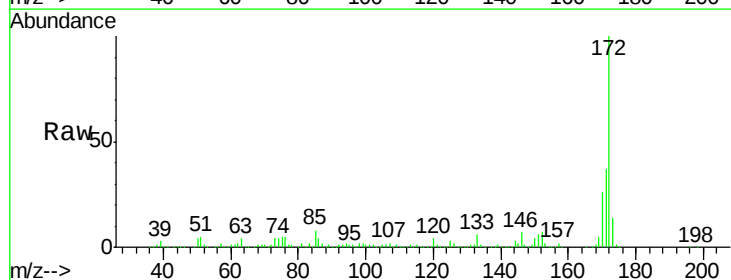
Manual Integrations
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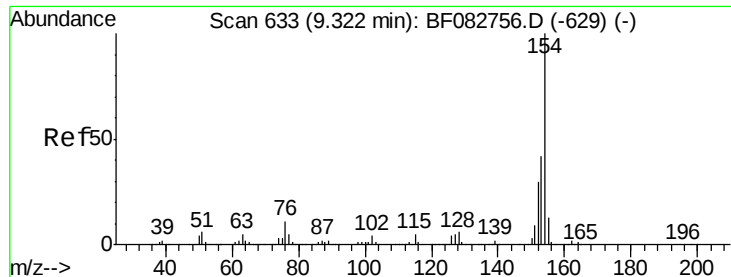
Mmdadoda
 11/16/2015 12:44:08 PM



#44
 2-Fluorobiphenyl
 Concen: 70.60 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1664350		
171	37.4	30.8	46.2	
170	26.0	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 39.84 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion:154 Resp: 1155134

Ion Ratio Lower Upper

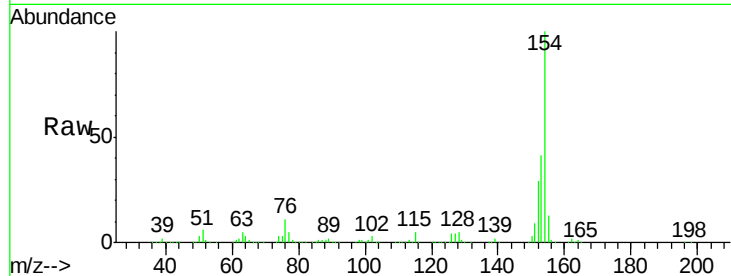
154 100

153 41.4 22.0 62.0

76 11.0 0.0 29.0

Manual Integrations
APPROVED

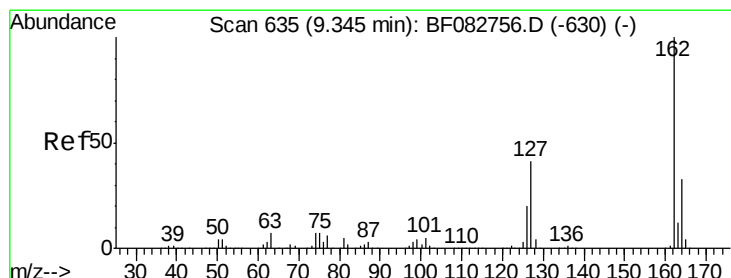
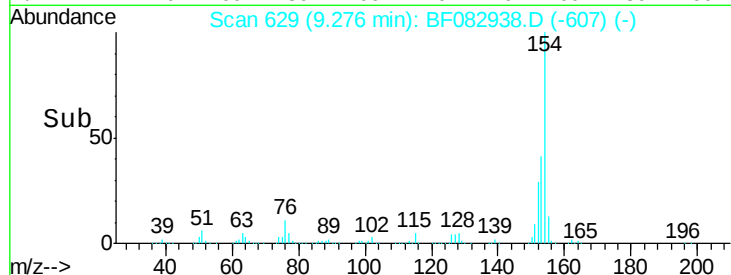
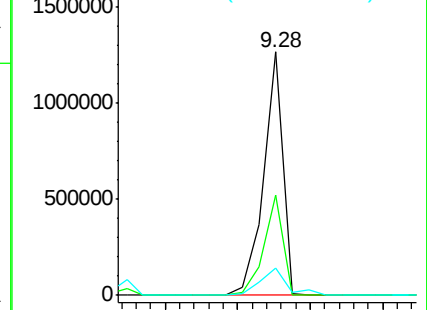
Mmdadoda
11/16/2015 12:44:08 PM



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): BF0



#46

2-Chloronaphthalene

Concen: 38.84 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

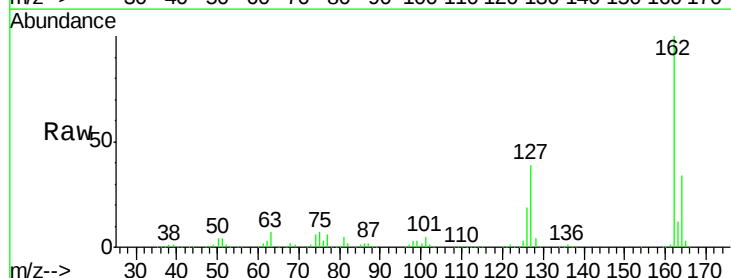
Tgt Ion:162 Resp: 878442

Ion Ratio Lower Upper

162 100

127 38.9 32.7 49.1

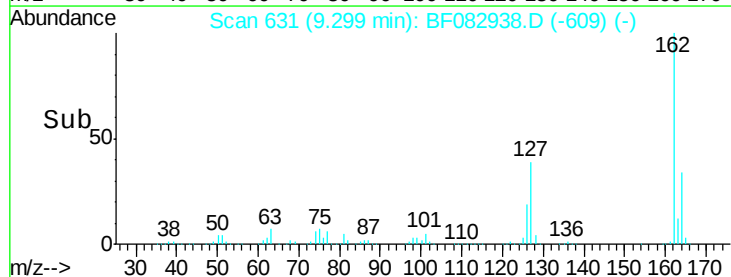
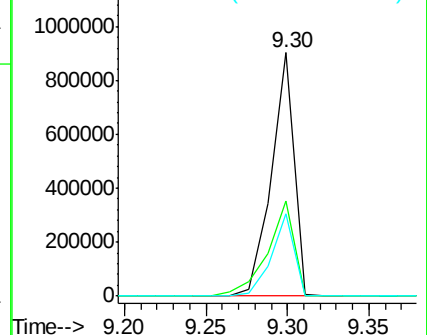
164 33.6 27.4 41.0

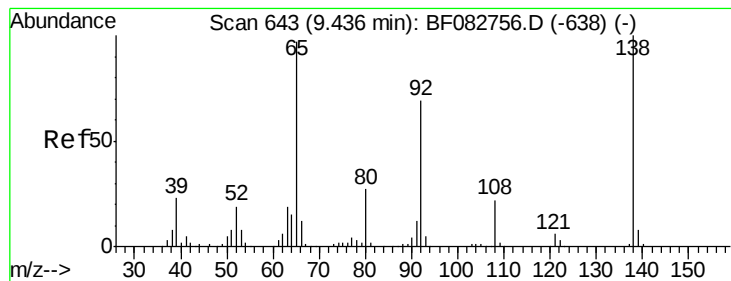


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





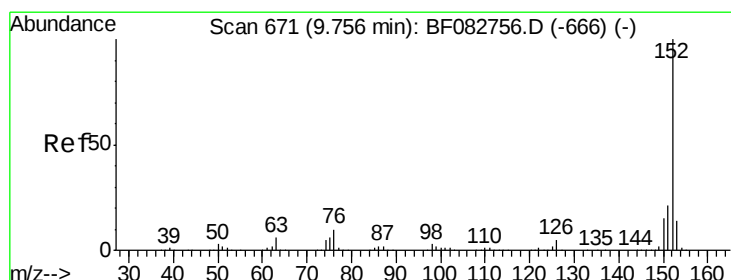
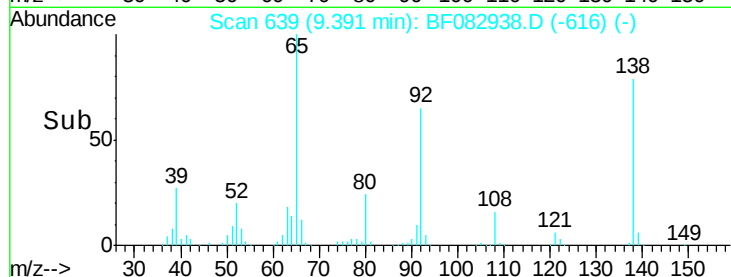
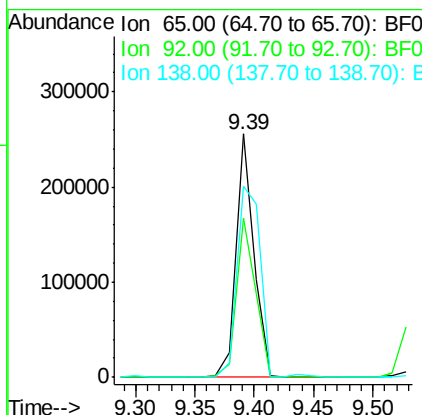
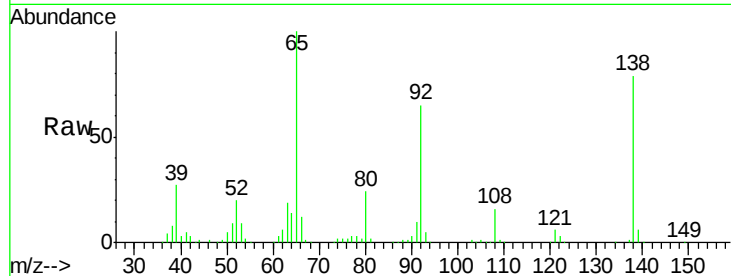
#47
2-Nitroaniline
Concen: 31.89 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.2	46.6	70.0
138	78.7	54.6	81.8

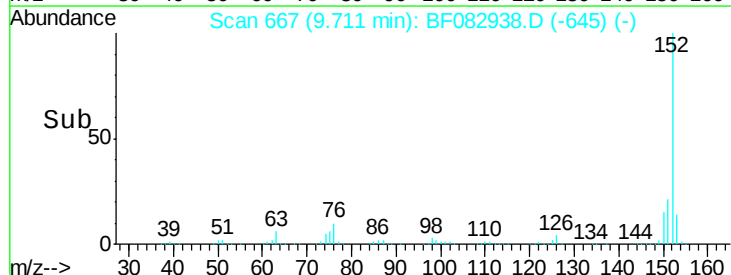
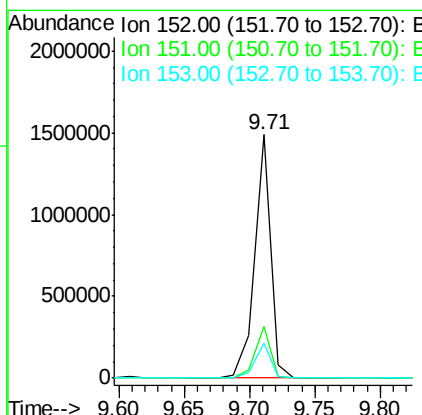
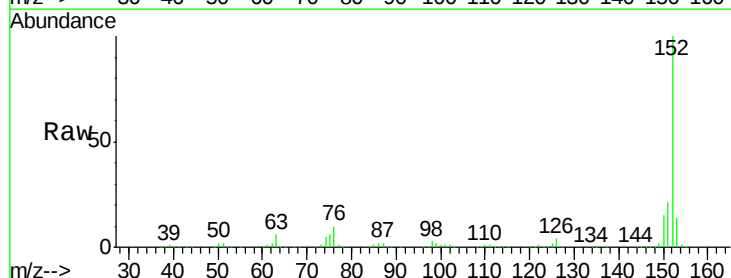
Manual Integrations
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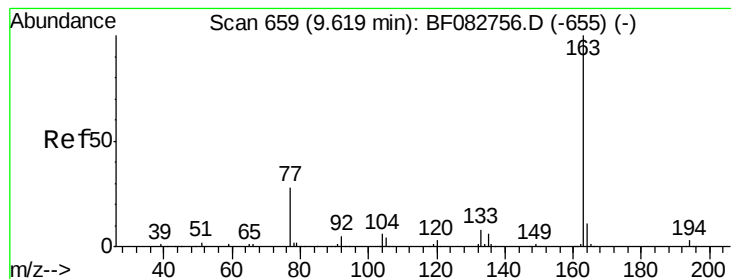
Mmdadoda
11/16/2015 12:44:08 PM



#48
Acenaphthylene
Concen: 35.88 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.3	25.9
153	14.3	11.3	16.9





#49

Dimethylphthalate

Concen: 37.55 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion:163 Resp: 1039483

Ion Ratio Lower Upper

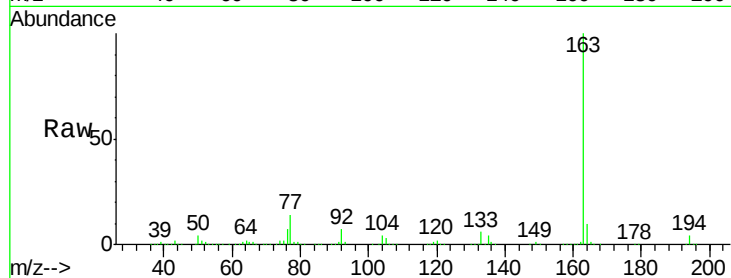
163 100

194 3.8 2.6 4.0

164 9.8 8.7 13.1

Manual Integrations
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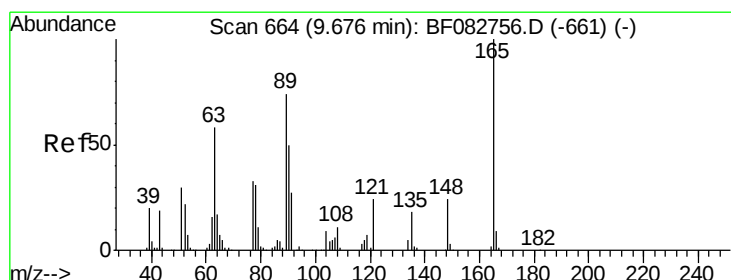
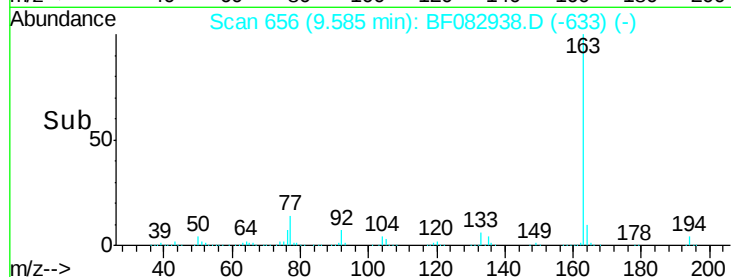
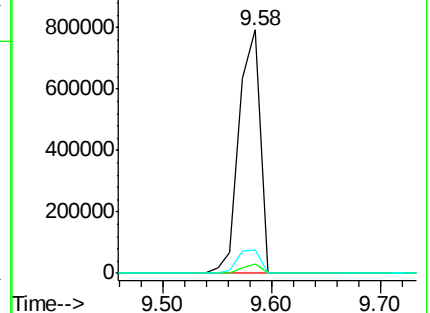
Mmdadoda
11/16/2015 12:44:08 PM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.20 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

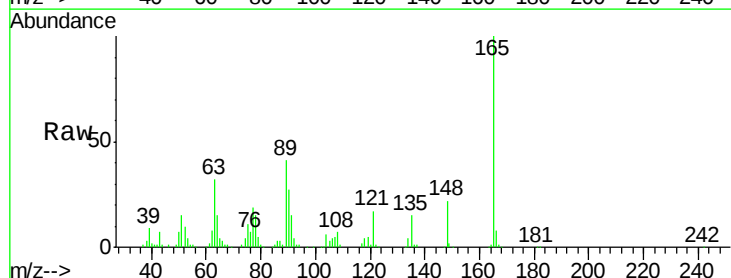
Tgt Ion:165 Resp: 225628

Ion Ratio Lower Upper

165 100

63 32.4 55.5 83.3#

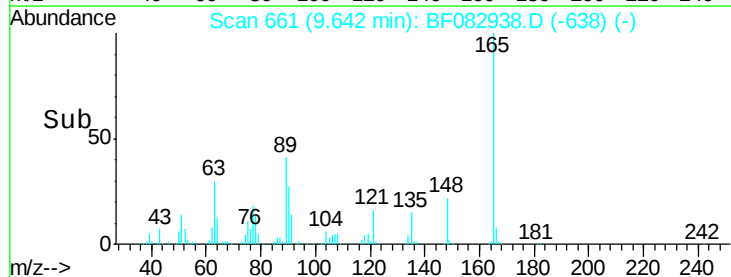
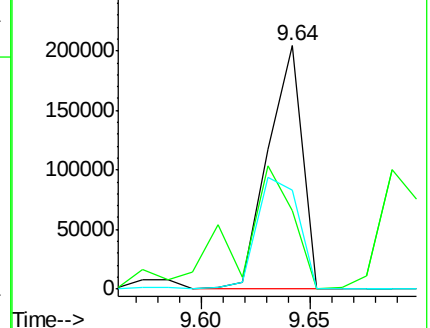
89 40.6 55.0 82.6#

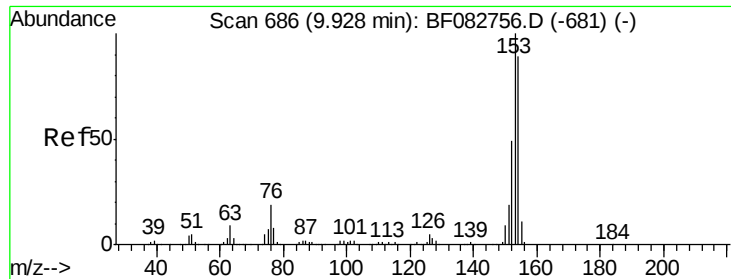


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.95 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

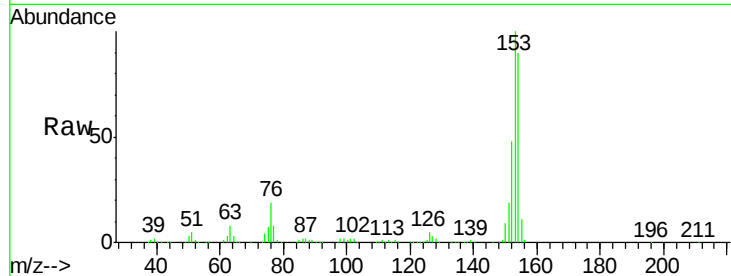
ClientSampleId :

PB86619BS

Tgt Ion:	154	Resp:	807628
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.1	135.1
152	54.0	44.3	66.5

Manual Integrations
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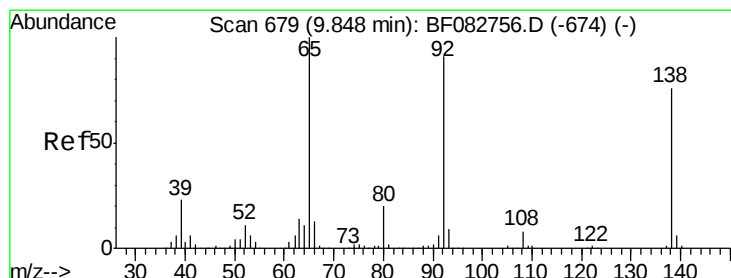
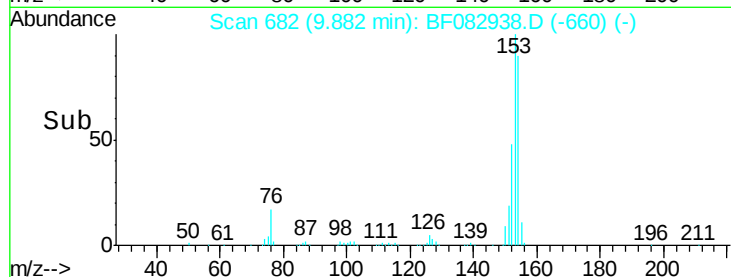
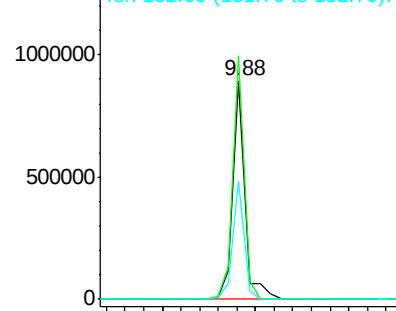
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.29 ng

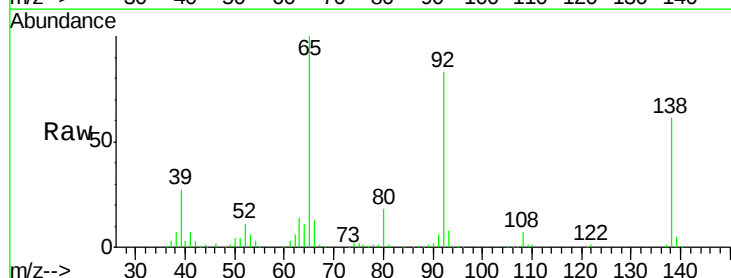
RT: 9.80 min Scan# 675

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

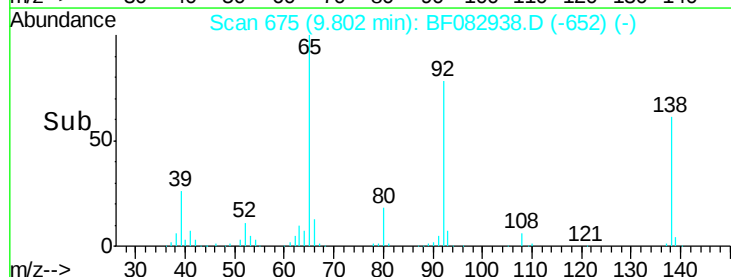
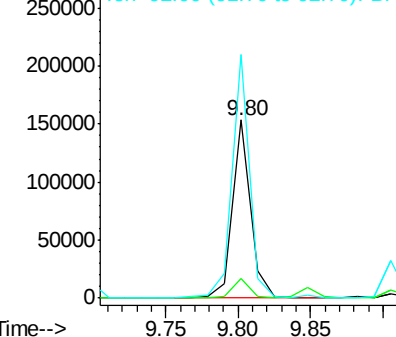
Tgt Ion:	138	Resp:	131795
Ion Ratio	Lower	Upper	
138	100		
108	10.8	11.3	16.9#
92	136.6	122.4	183.6

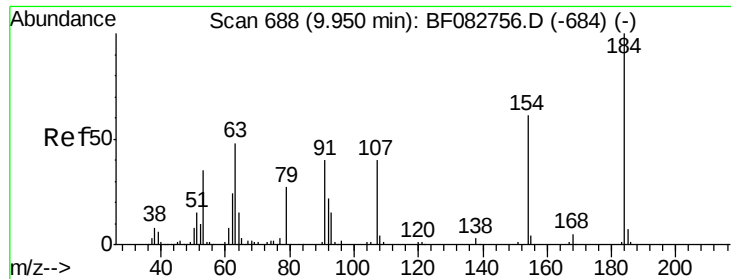


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 30.01 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF082938.D

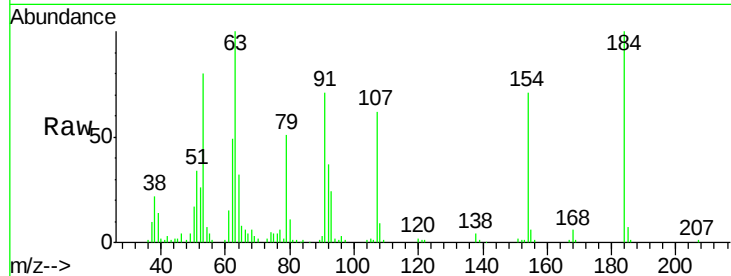
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS



Tgt Ion:184 Resp: 97339

Ion Ratio Lower Upper

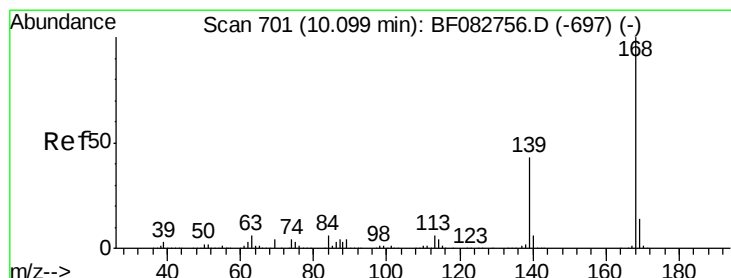
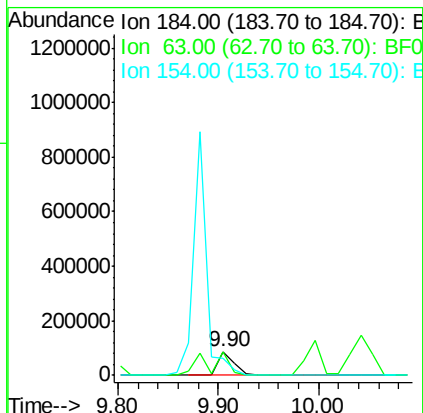
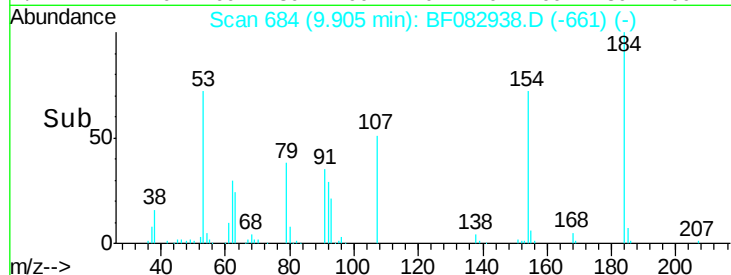
184 100

63 100.3 98.6 148.0

154 71.6 183.9 275.9#

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#54

Dibenzofuran

Concen: 35.87 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

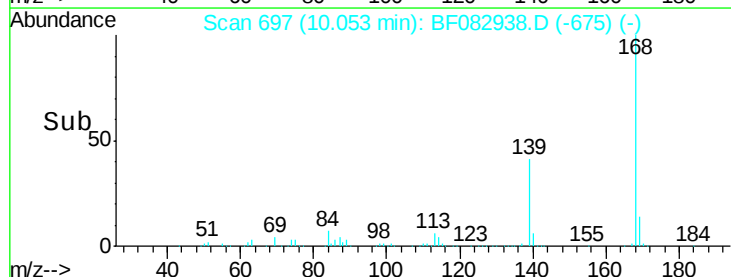
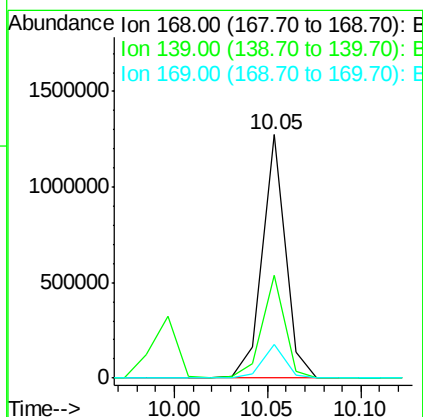
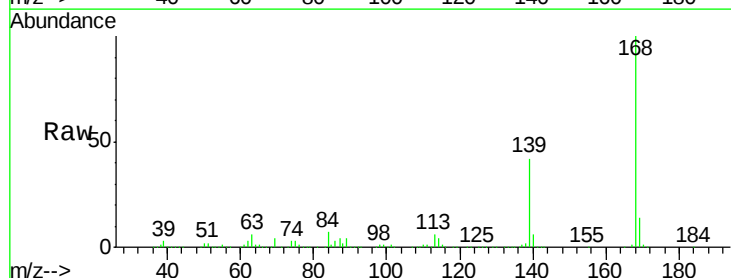
Tgt Ion:168 Resp: 1086410

Ion Ratio Lower Upper

168 100

139 42.1 37.8 56.6

169 14.0 11.3 16.9





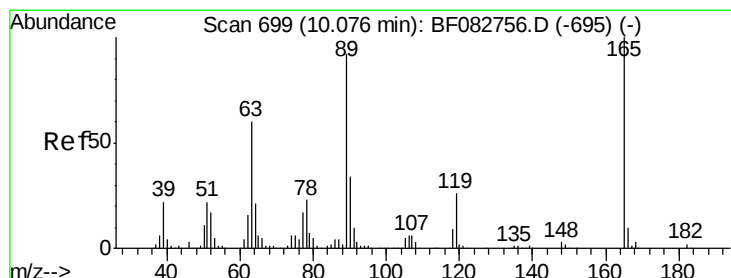
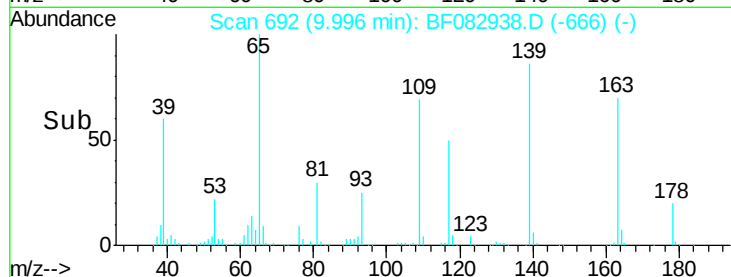
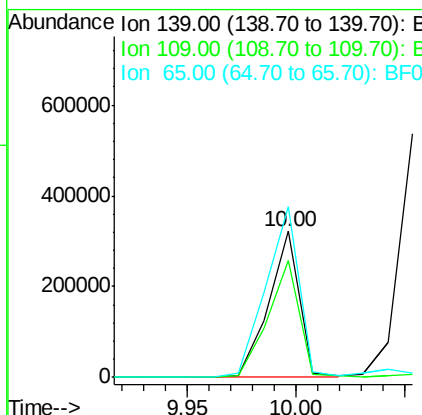
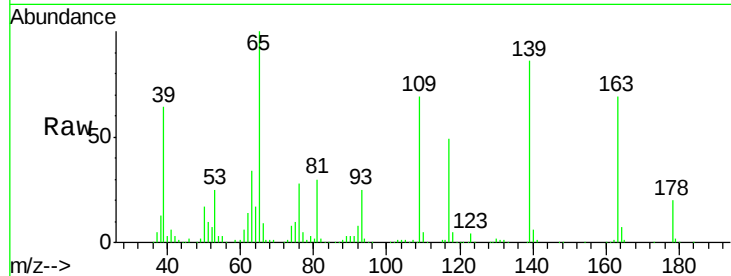
#55
4-Nitrophenol
Concen: 63.92 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	318553		
109	80.2	73.7	113.7	
65	116.9	82.9	122.9	

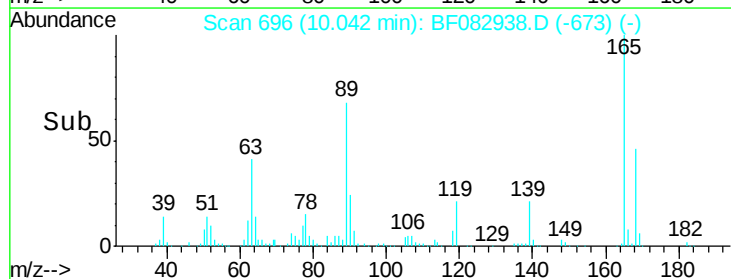
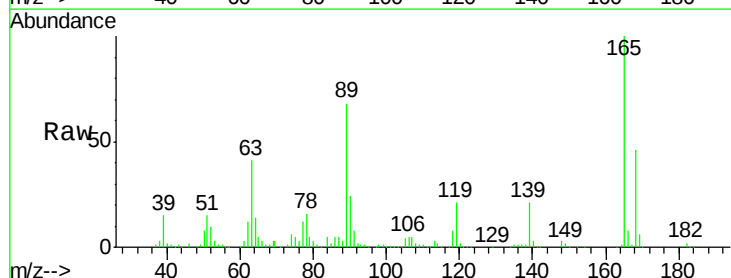
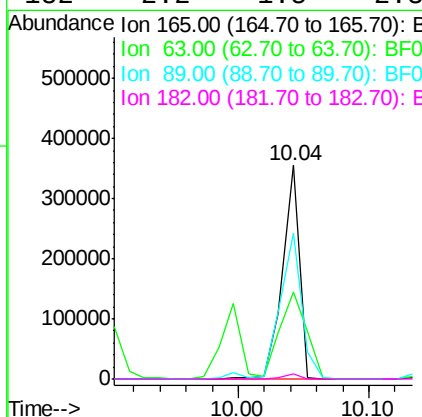
Manual Integrations
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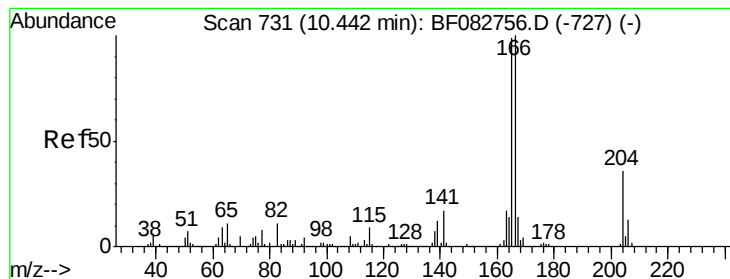
Mmdadoda
11/16/2015 12:44:08 PM



#56
2,4-Dinitrotoluene
Concen: 40.53 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	324788		
63	40.8	43.4	65.0#	
89	68.3	70.6	106.0#	
182	2.2	1.5	2.3	





#57

Fluorene

Concen: 35.28 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

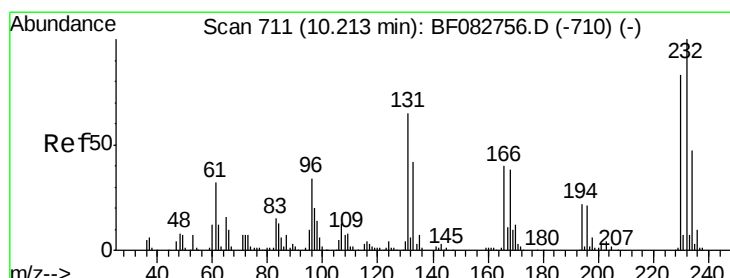
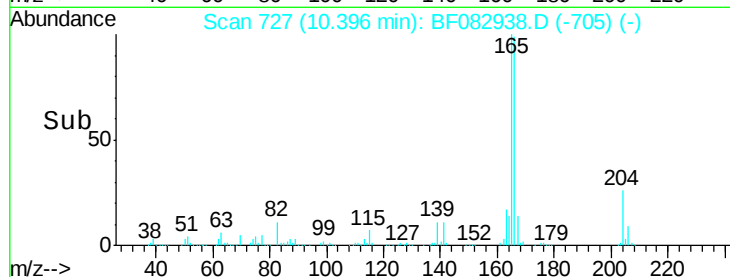
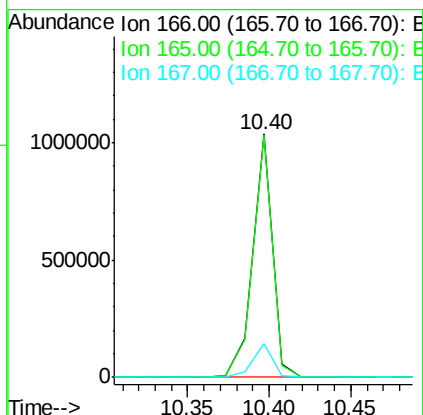
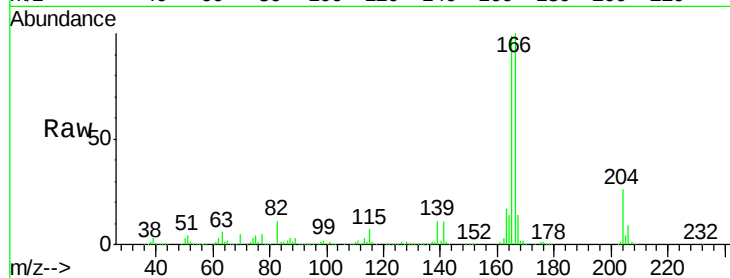
ClientSampleId :

PB86619BS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	865255		
165	99.3	80.2	120.4	
167	14.0	11.2	16.8	



#58

2,3,4,6-Tetrachlorophenol

Concen: 33.86 ng

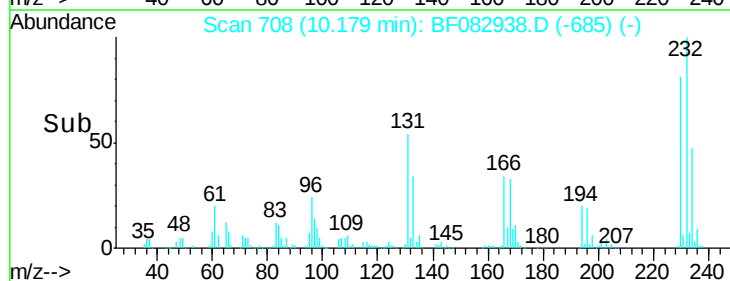
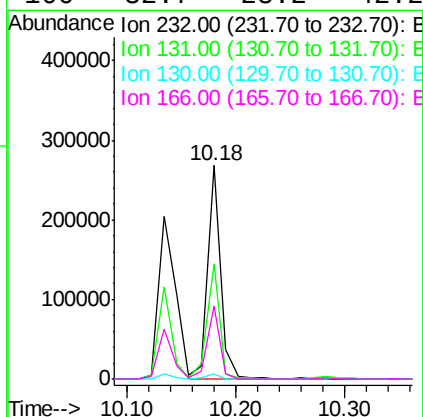
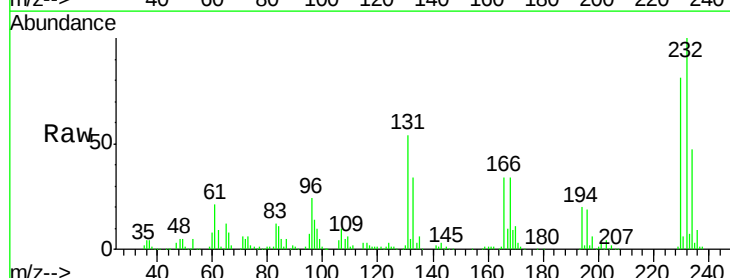
RT: 10.18 min Scan# 708

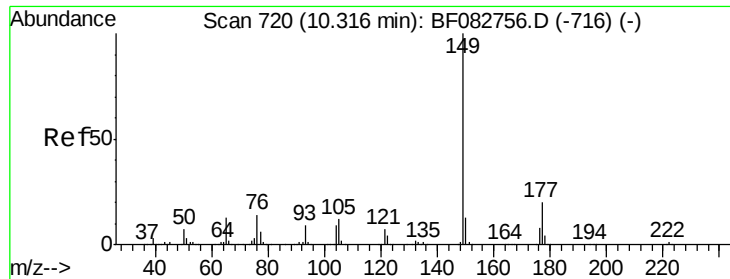
Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	226514		
131	52.6	46.2	69.2	
130	2.4	2.4	3.6	
166	32.7	28.2	42.2	





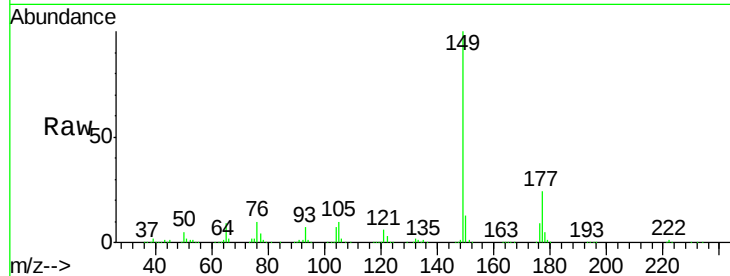
#59
Diethylphthalate
Concen: 39.74 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

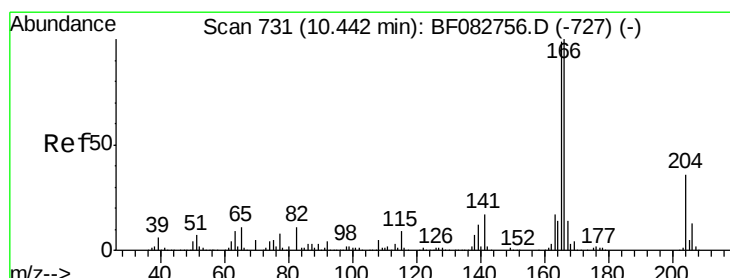
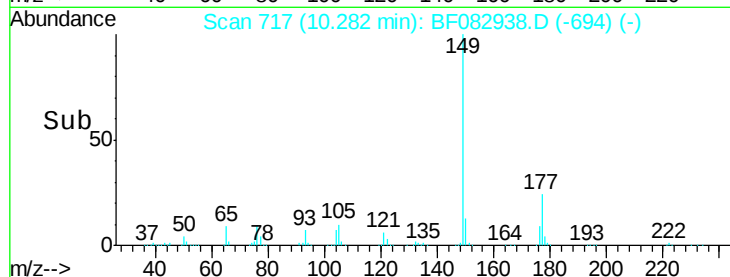
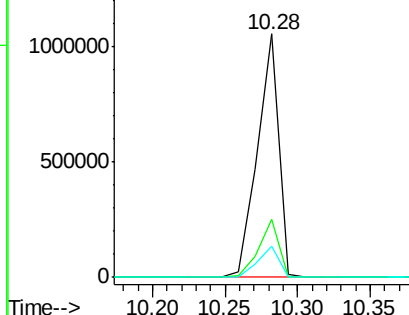
Tgt Ion:149 Resp: 1074126
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.7 10.1 15.1

Manual Integrations
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11/16/2015 12:44:08 PM

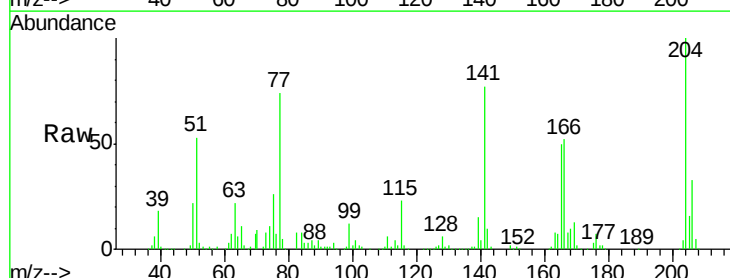


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

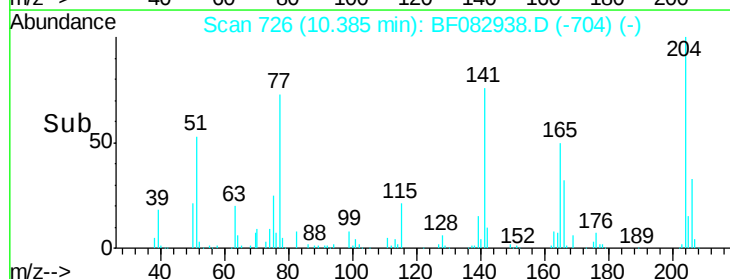
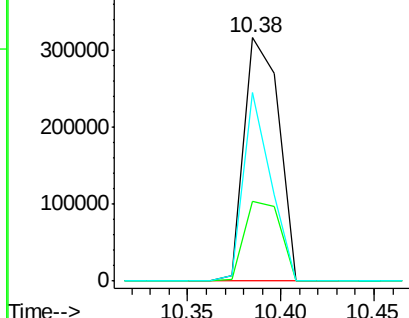


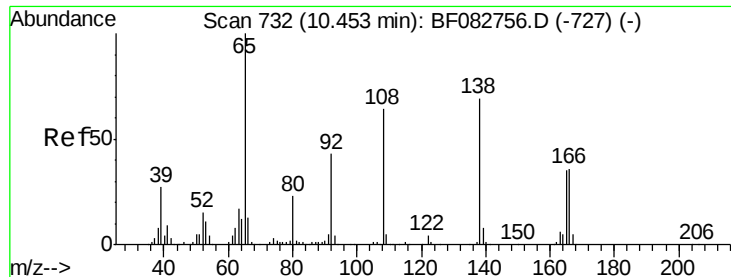
#60
4-Chlorophenyl-phenylether
Concen: 33.15 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.05 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion:204 Resp: 406870
Ion Ratio Lower Upper
204 100
206 32.9 28.5 42.7
141 77.5 44.6 66.8#



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: 27.52 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF082938.D

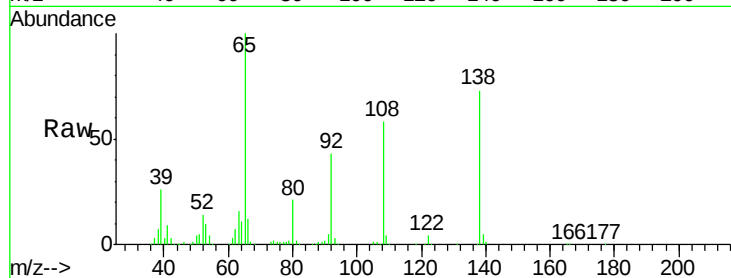
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

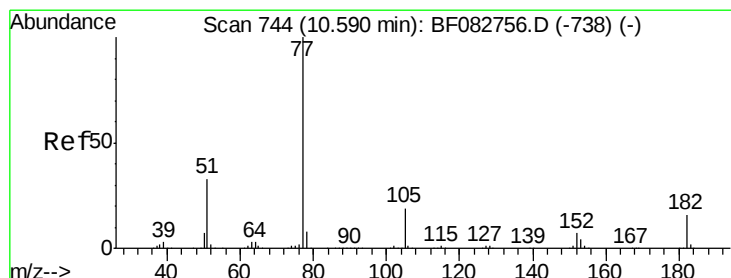
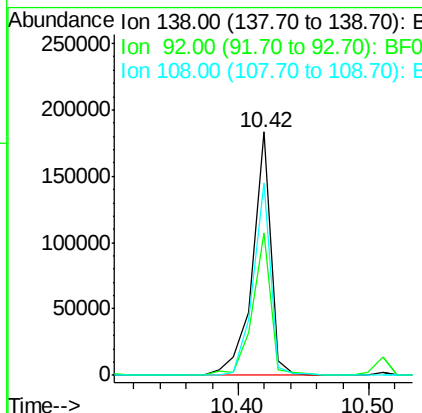
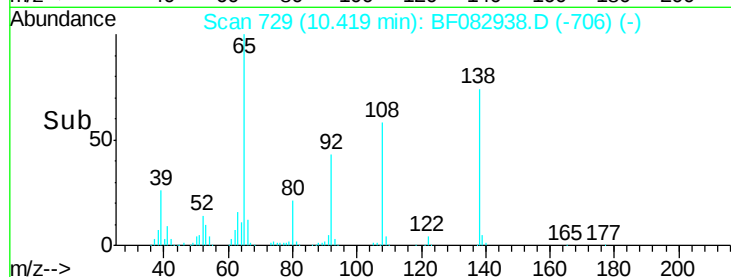
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.3	45.8	85.8
108	78.8	89.4	129.4

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11/16/2015 12:44:08 PM



#62

Azobenzene

Concen: 36.60 ng

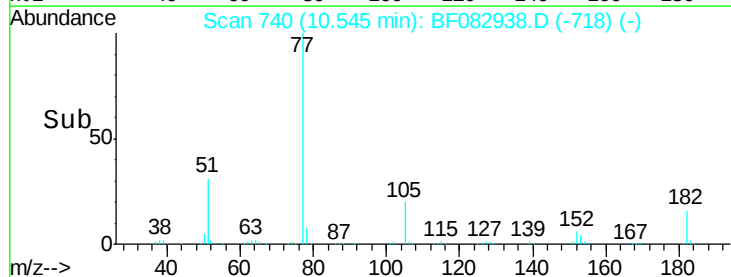
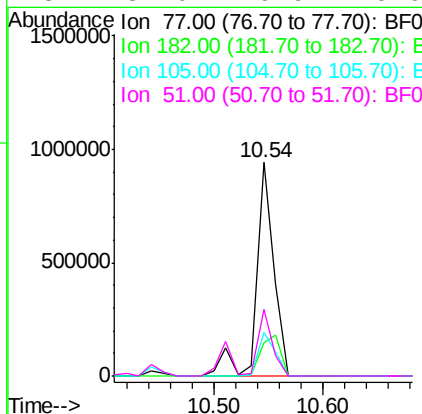
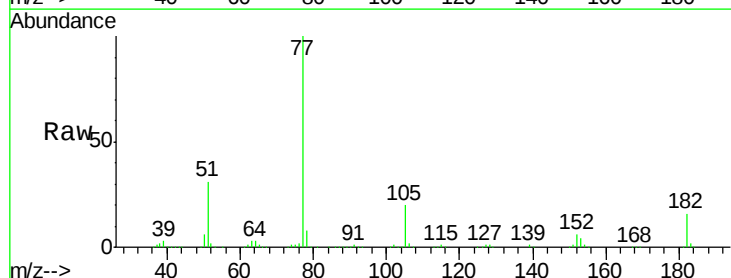
RT: 10.54 min Scan# 740

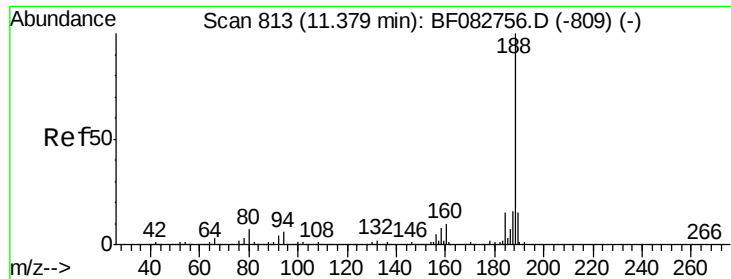
Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.6	9.3	49.3
105	20.2	2.6	42.6
51	31.0	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

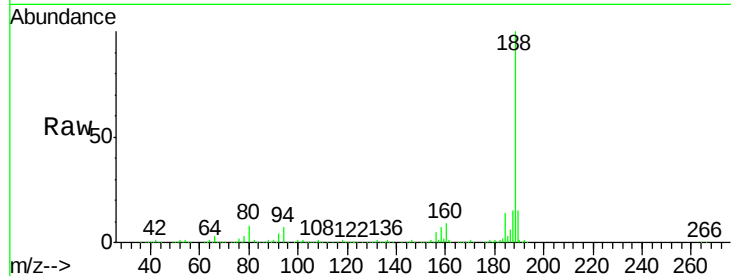
ClientSampleId :

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Tgt	Ion:188	Resp:	584483
Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.1	9.1
80	7.8	7.0	10.6

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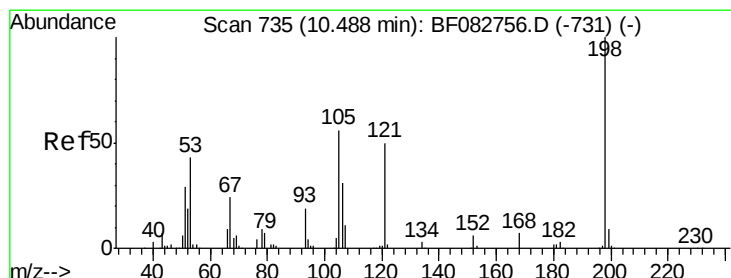
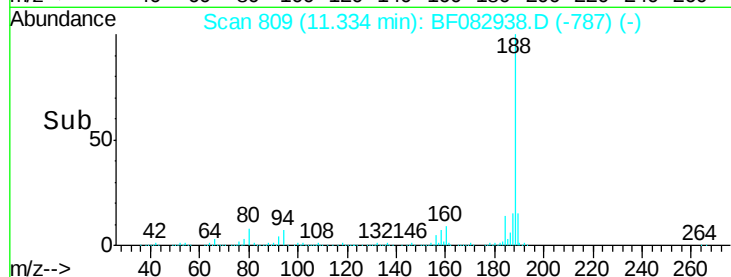
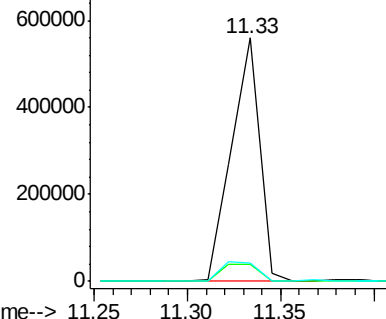
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11/16/2015 12:44:08 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.50 ng

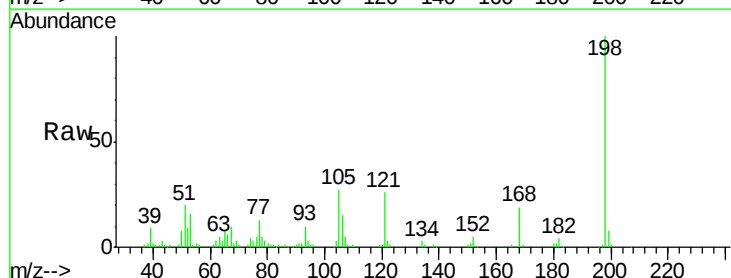
RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

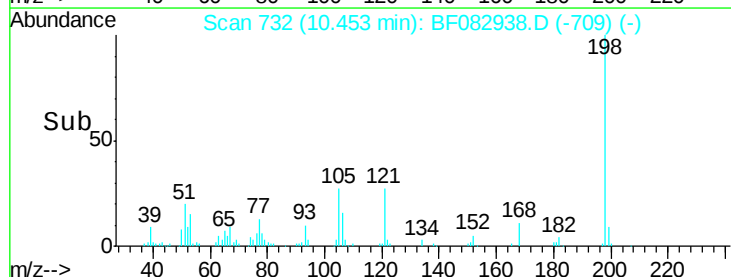
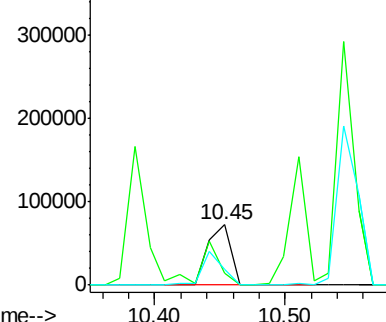
Tgt	Ion:198	Resp:	89524
Ion	Ratio	Lower	Upper
198	100		
51	20.3	17.3	57.3
105	26.8	21.7	61.7

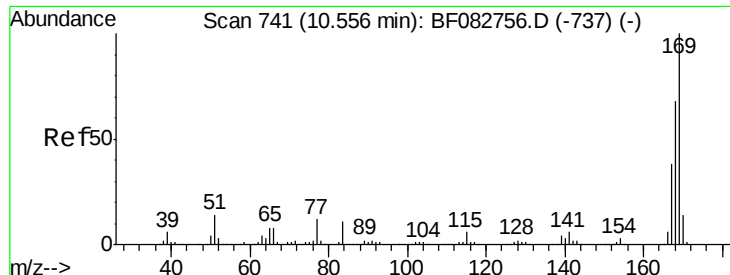


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





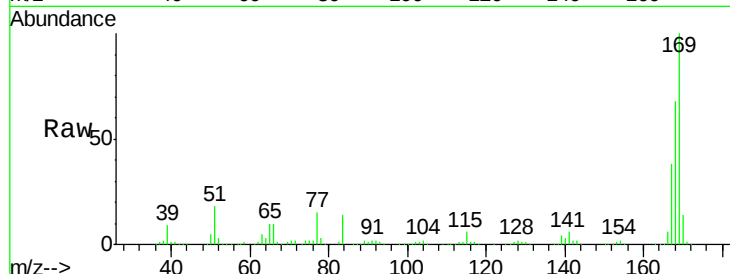
#65
 n-Nitrosodiphenylamine
 Concen: 34.98 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

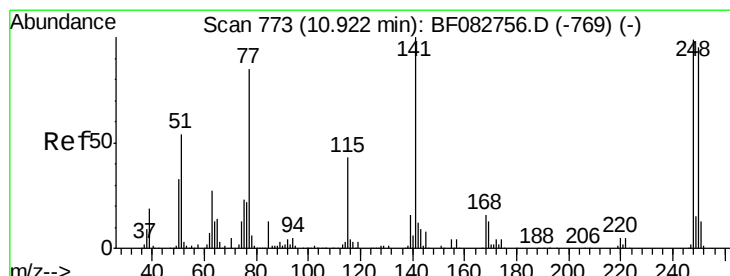
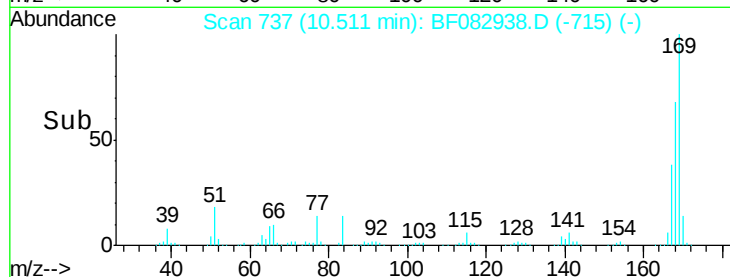
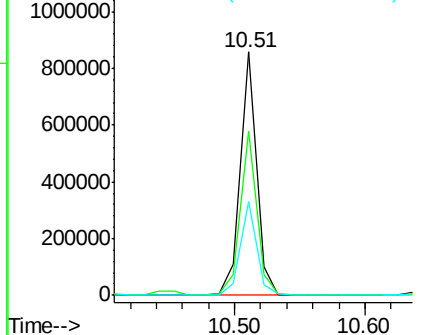
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	738668		
168	67.7	55.0	82.6	
167	38.4	30.5	45.7	

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 11/16/2015 12:44:08 PM

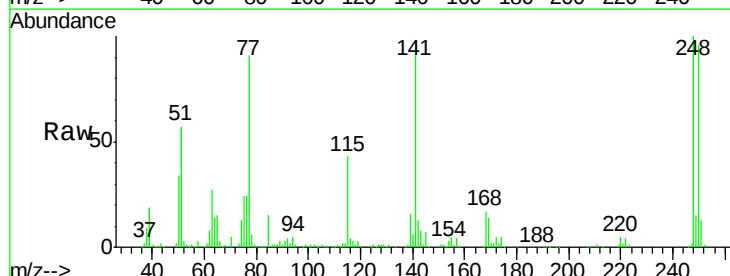


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

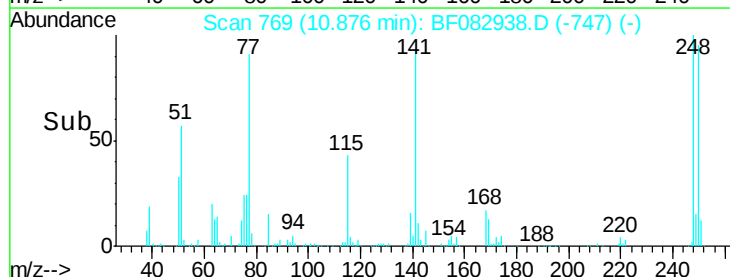
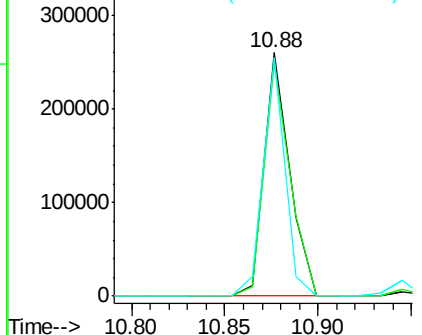


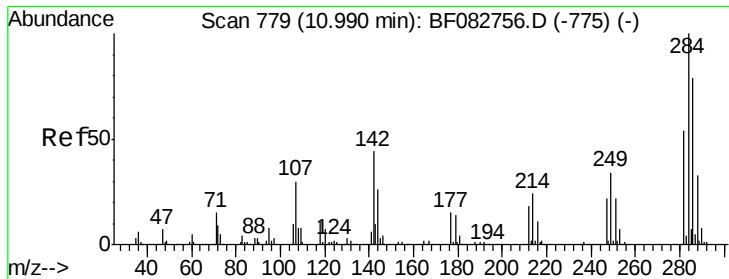
#66
 4-Bromophenyl-phenylether
 Concen: 34.76 ng
 RT: 10.88 min Scan# 769
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	244629		
250	95.9	79.4	119.2	
141	98.2	36.3	54.5	



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: 33.75 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF082938.D

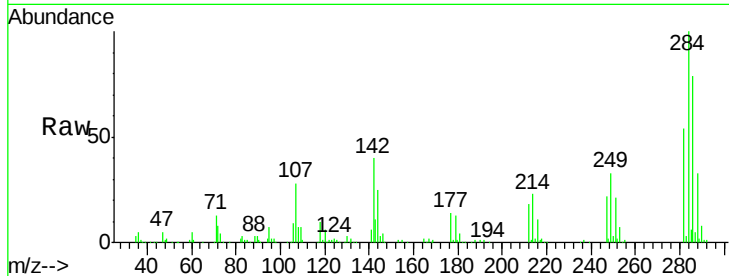
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

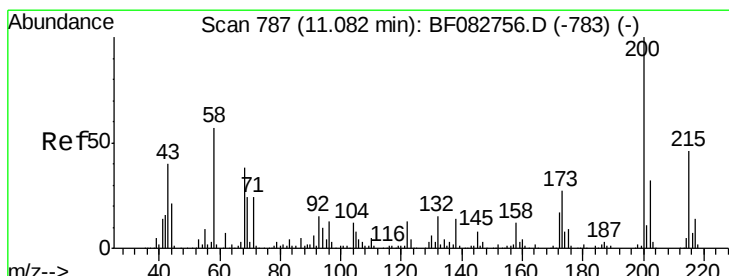
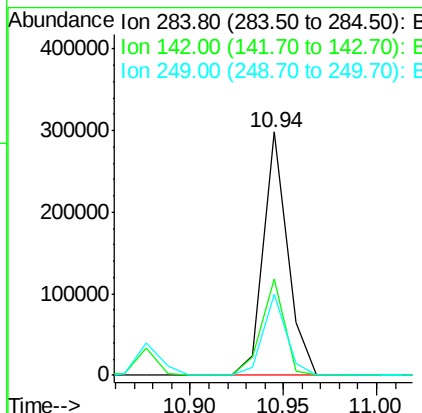
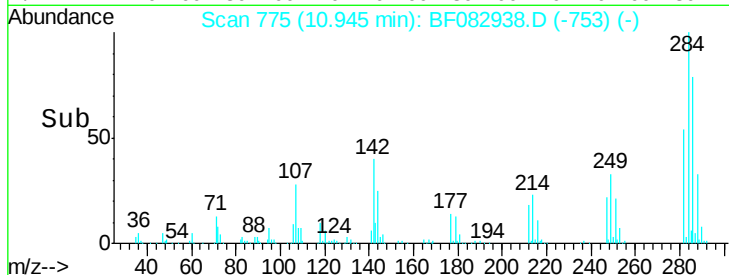
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Tgt Ion:	284	Resp:	265255
Ion Ratio	Lower	Upper	
284	100		
142	39.8	47.9	71.9#
249	33.5	29.7	44.5

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11/16/2015 12:44:08 PM



#68

Atrazine

Concen: 44.83 ng

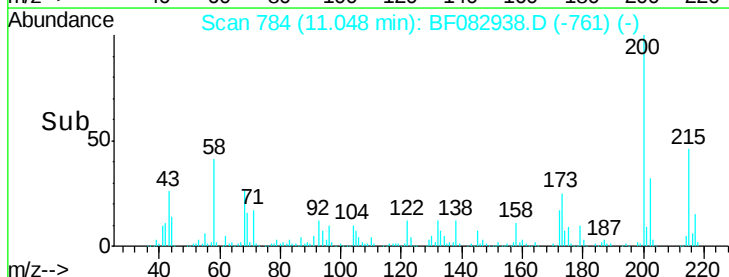
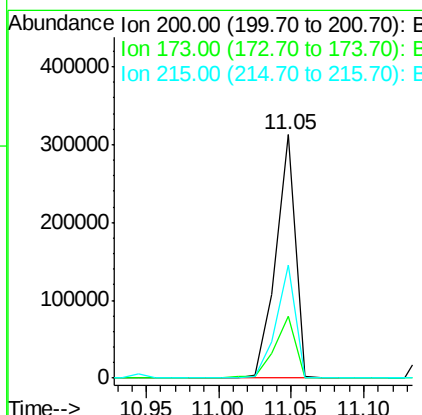
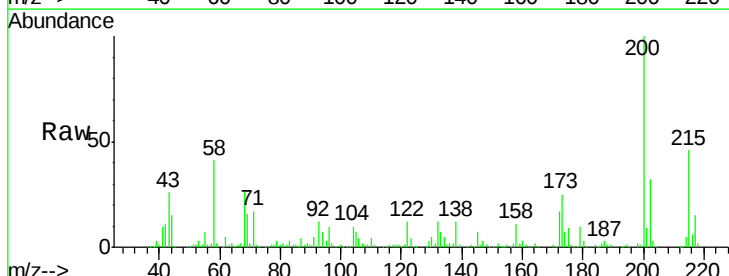
RT: 11.05 min Scan# 784

Delta R.T. -0.03 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	200	Resp:	292687
Ion Ratio	Lower	Upper	
200	100		
173	25.4	6.9	46.9
215	46.2	22.9	62.9





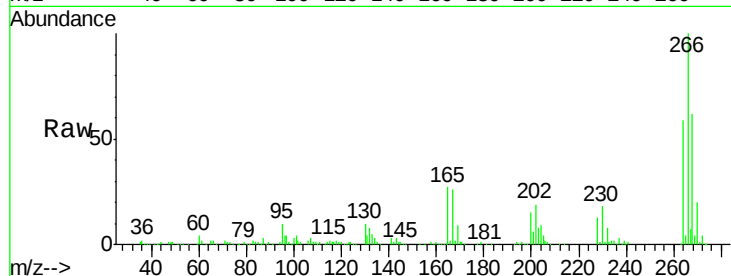
#69
 Pentachlorophenol
 Concen: 58.97 ng
 RT: 11.15 min Scan# 793
 Delta R.T. -0.03 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

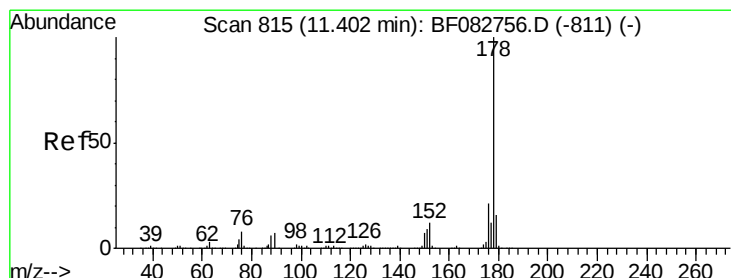
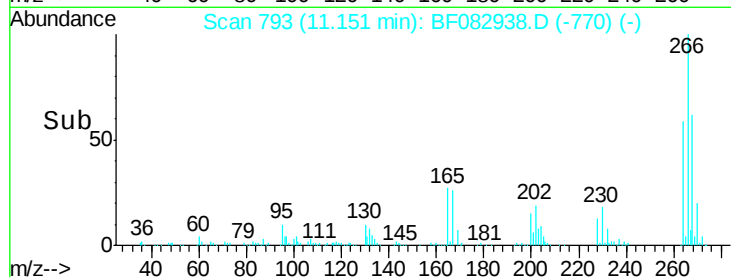
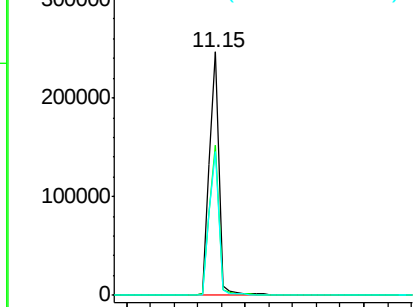
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	281389		
268	61.5	51.0	76.6	
264	59.1	50.6	75.8	

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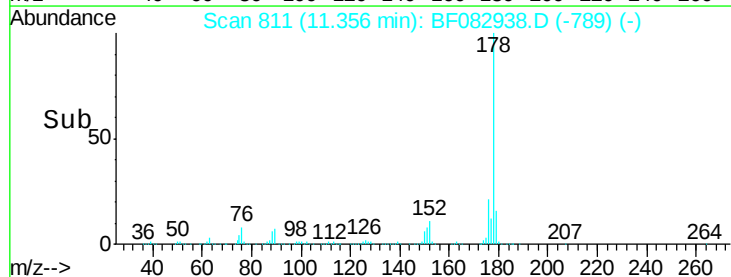
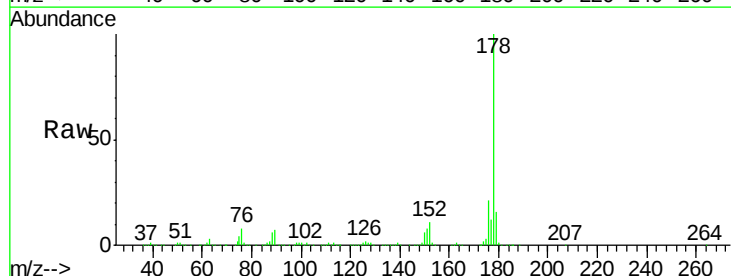
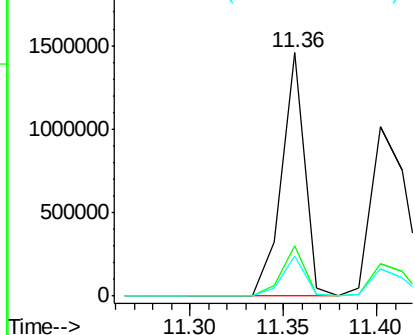
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

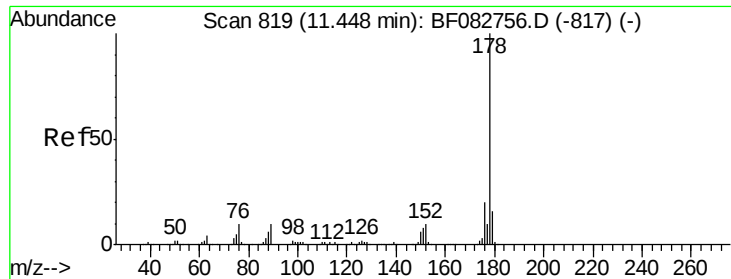


#70
 Phenanthrene
 Concen: 37.24 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1264123		
176	20.7	17.0	25.4	
179	16.3	13.4	20.0	

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





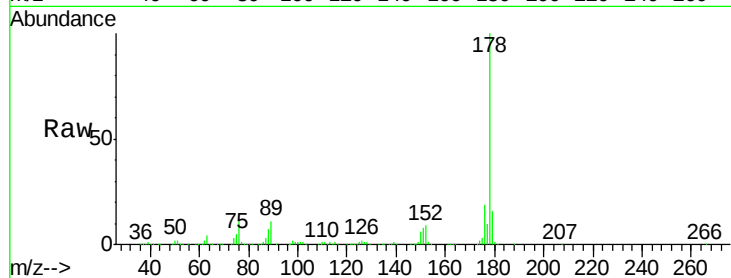
#71
 Anthracene
 Concen: 34.98 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

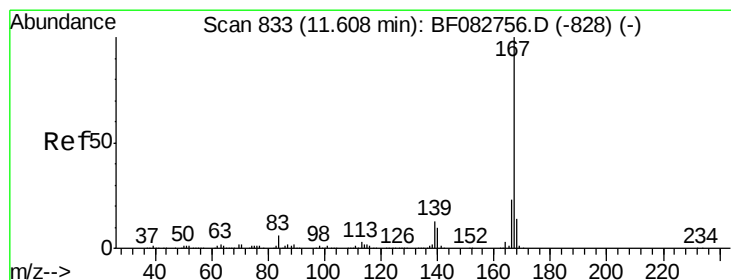
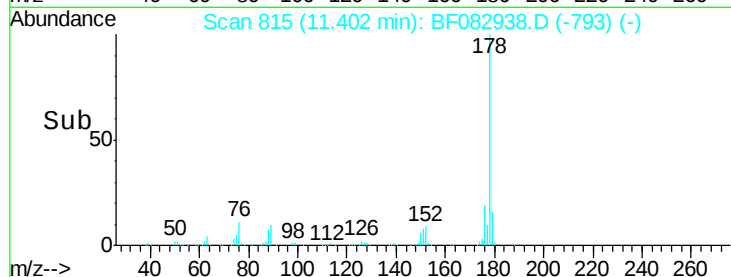
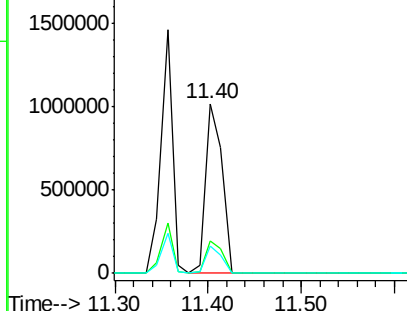
Tgt Ion:178 Resp: 1250689
 Ion Ratio Lower Upper
 178 100
 176 18.9 16.5 24.7
 179 16.3 13.2 19.8

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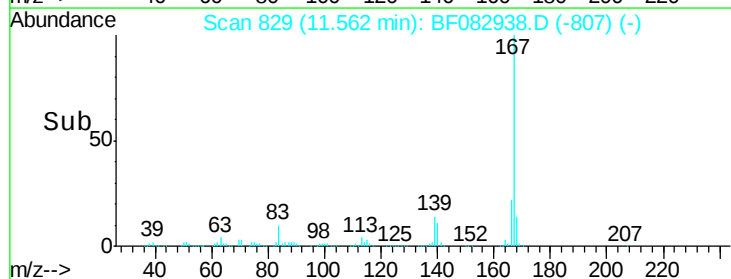
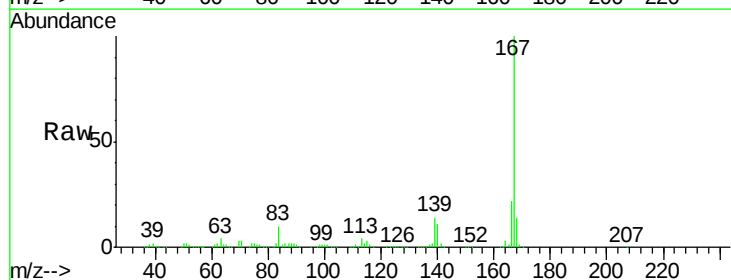
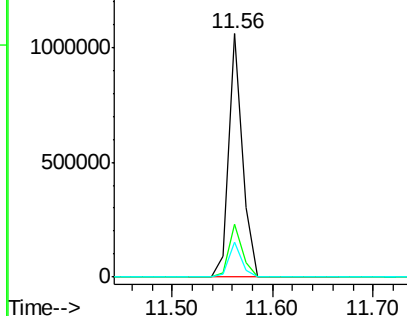
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

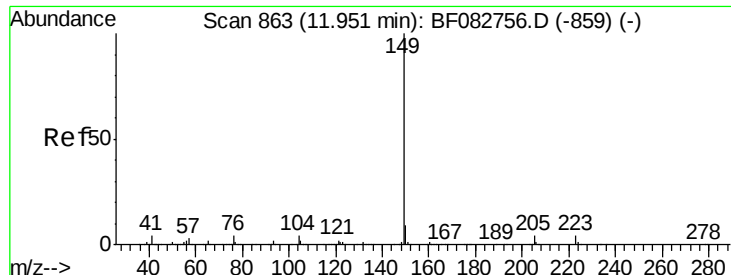


#72
 Carbazole
 Concen: 32.03 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion:167 Resp: 1002385
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.7 28.1
 139 14.5 11.8 17.6

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.08 ng

RT: 11.91 min Scan# 859

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:149 Resp: 1601906

Ion Ratio Lower Upper

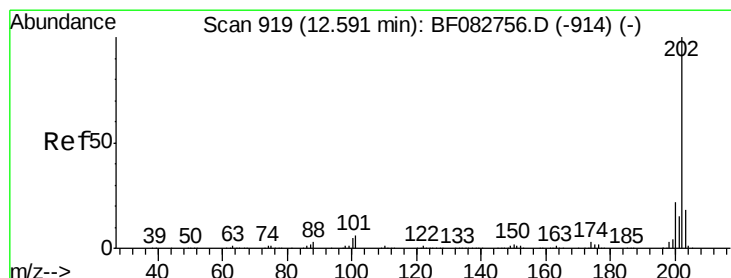
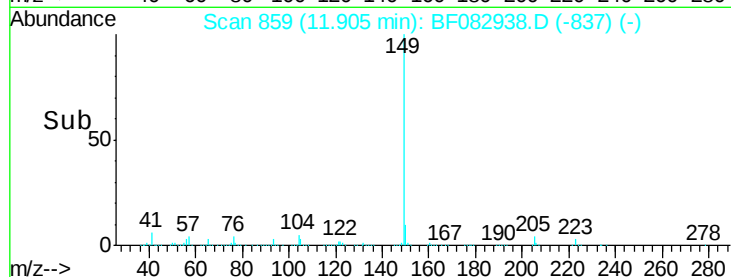
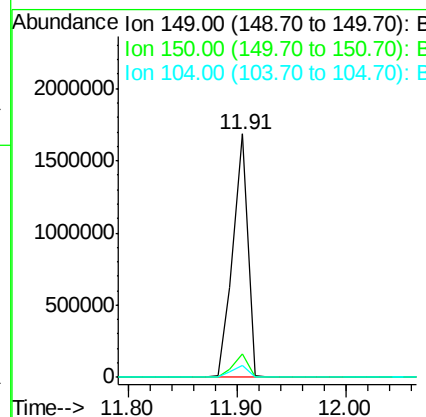
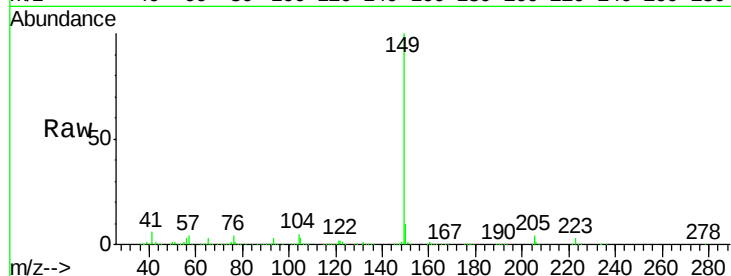
149 100

150 9.7 8.1 12.1

104 4.7 5.2 7.8#

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11/16/2015 12:44:08 PM



#74

Fluoranthene

Concen: 32.38 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

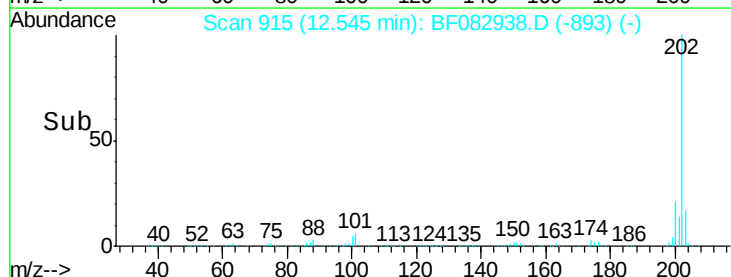
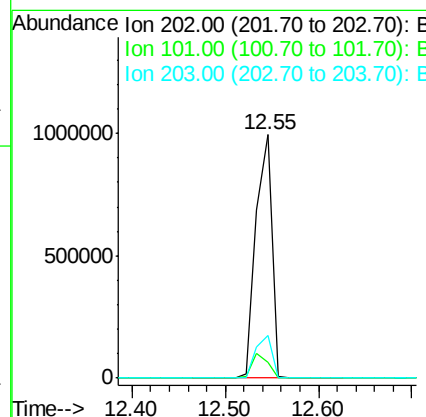
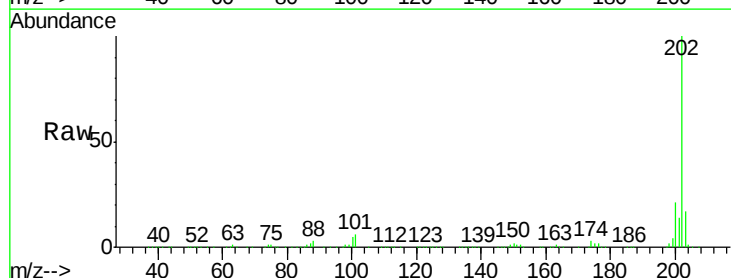
Tgt Ion:202 Resp: 1179279

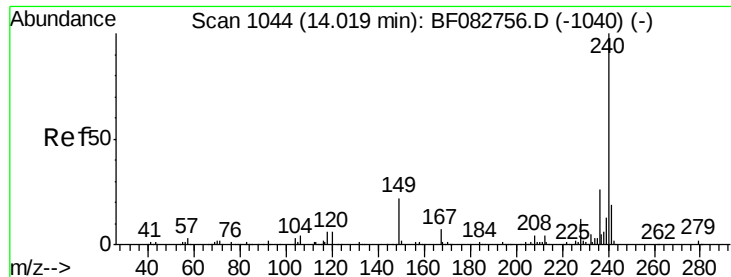
Ion Ratio Lower Upper

202 100

101 6.3 0.0 30.5

203 17.5 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.06 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

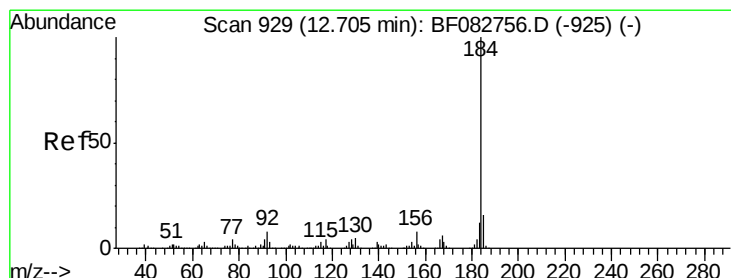
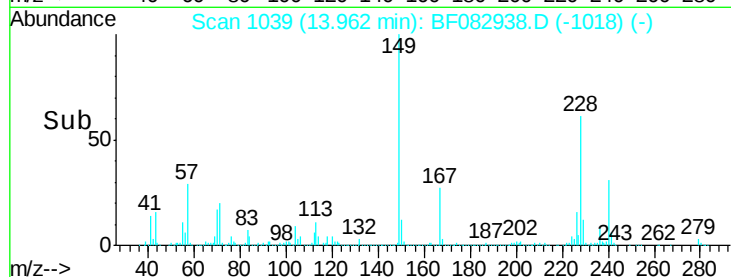
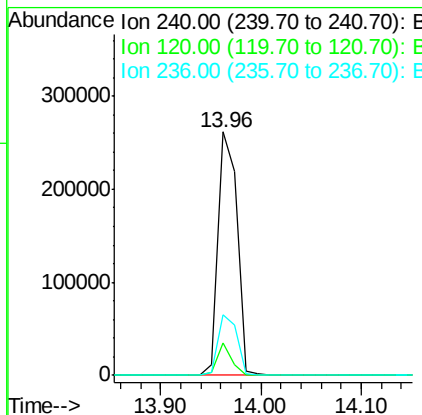
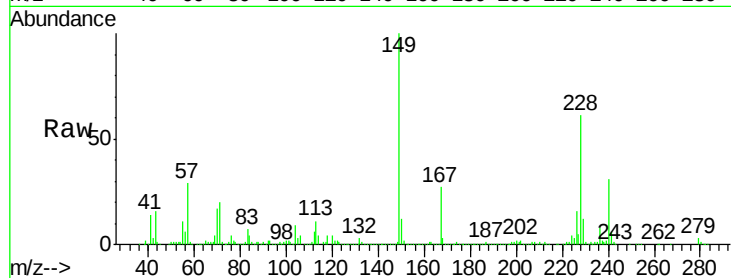
ClientSampleId :

PB86619BS

Tgt Ion:	240	Resp:	343759
Ion Ratio	Lower	Upper	
240	100		
120	13.6	10.9	16.3
236	25.0	21.6	32.4

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#76

Benzidine

Concen: 39.47 ng

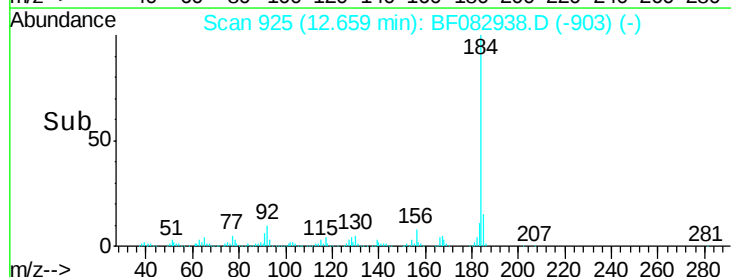
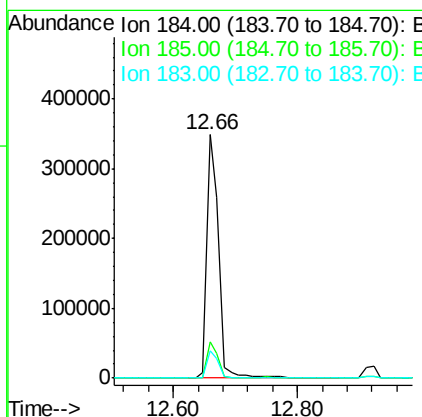
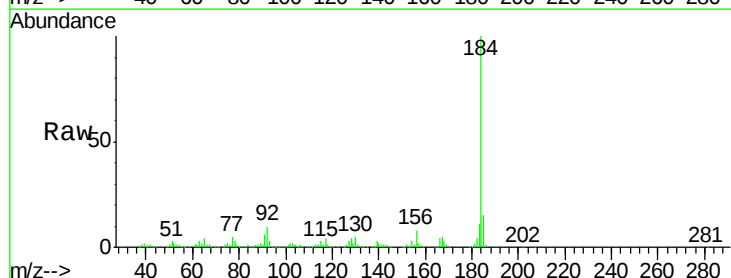
RT: 12.66 min Scan# 925

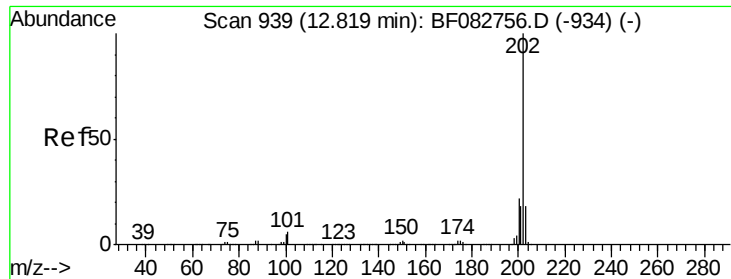
Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	184	Resp:	454776
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.0	18.0
183	11.2	9.6	14.4





#77

Pyrene

Concen: 47.01 ng

RT: 12.76 min Scan# 934

Delta R.T. -0.05 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion:202 Resp: 1109692

Ion Ratio Lower Upper

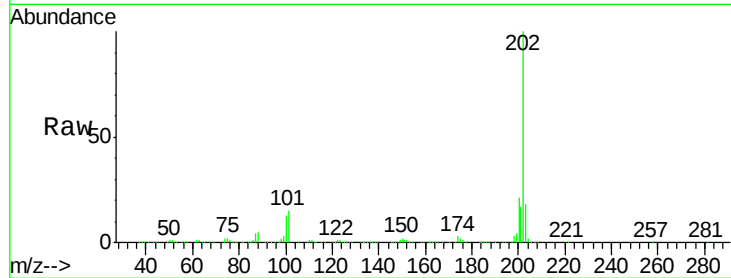
202 100

200 21.3 18.7 28.1

203 18.5 14.8 22.2

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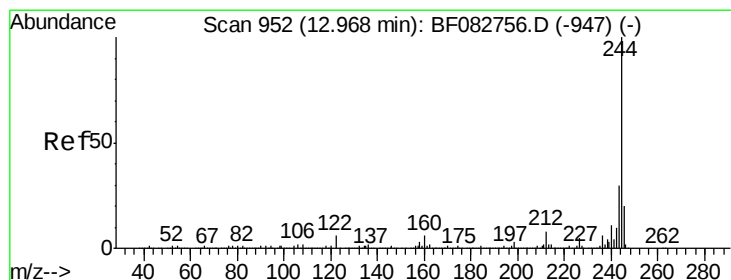
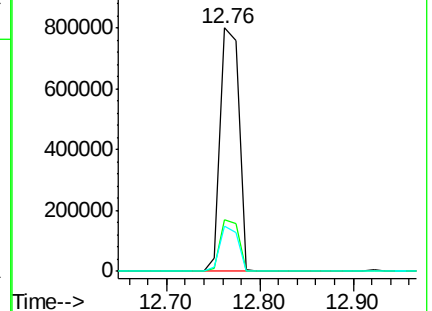
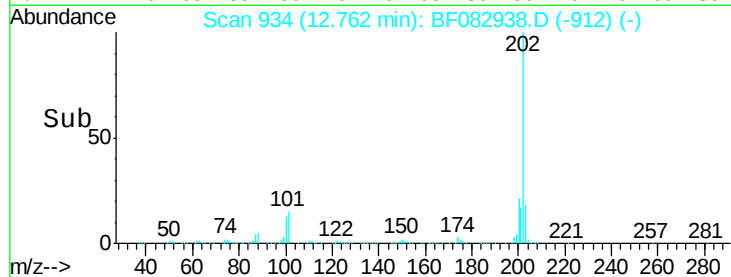
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 107.82 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

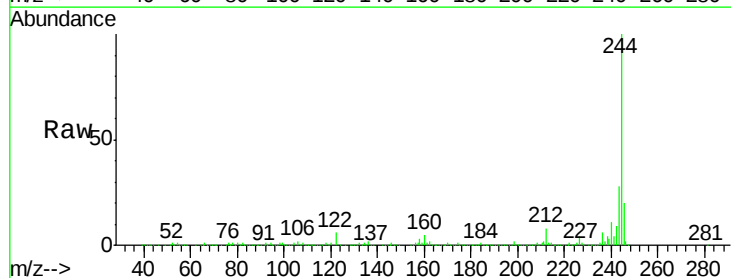
Tgt Ion:244 Resp: 1562663

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

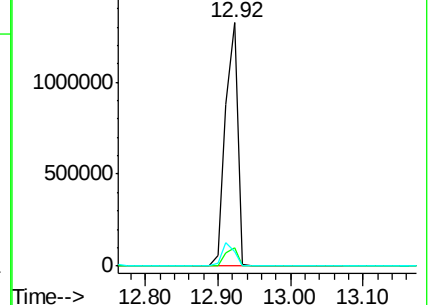
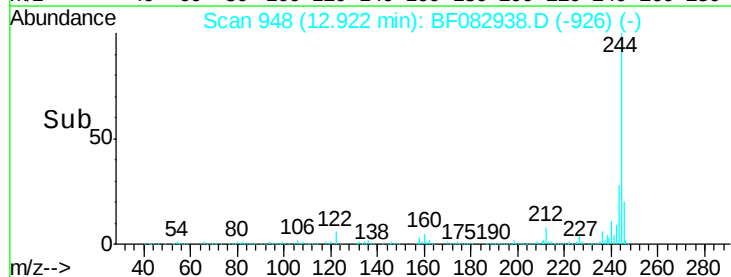
122 6.1 11.3 16.9#

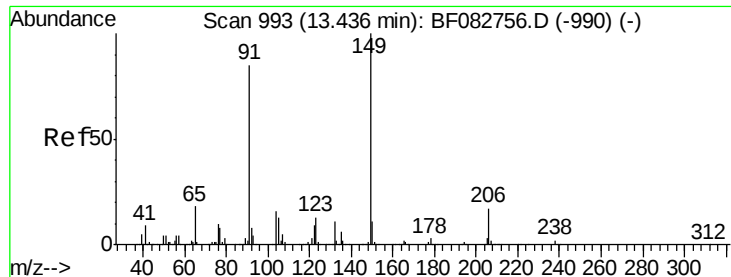


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 48.59 ng

RT: 13.39 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF082938.D

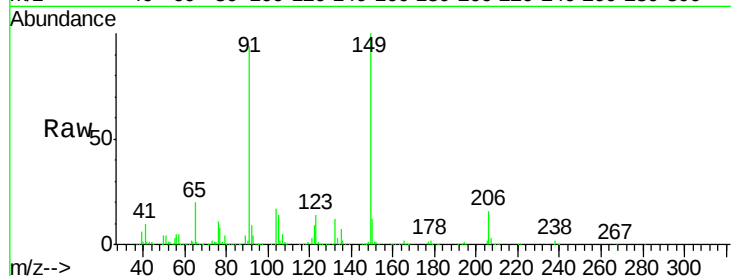
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

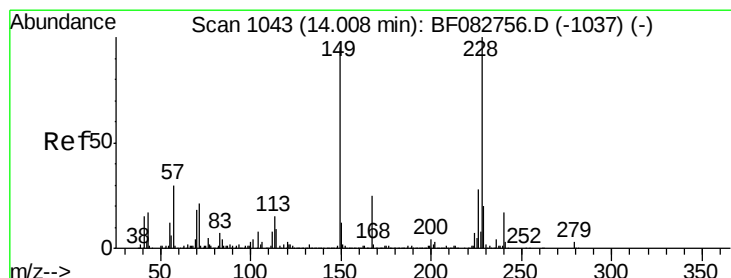
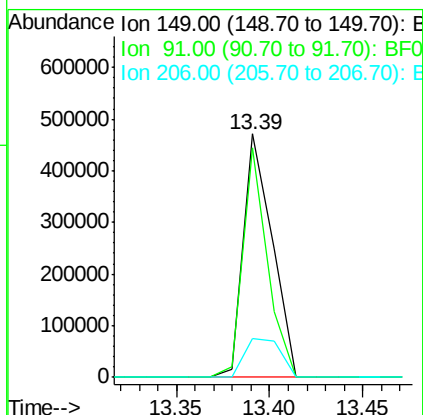
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Tgt Ion	Ratio	Lower	Upper
149	100		
91	94.4	67.7	101.5
206	16.2	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 39.07 ng

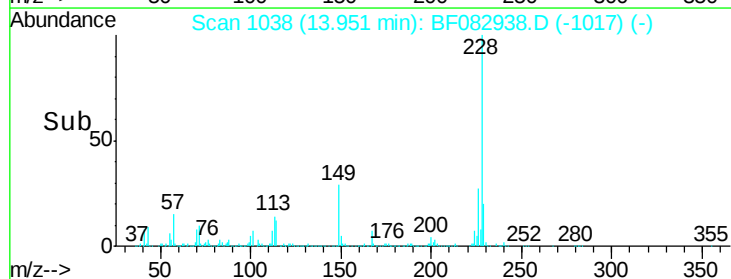
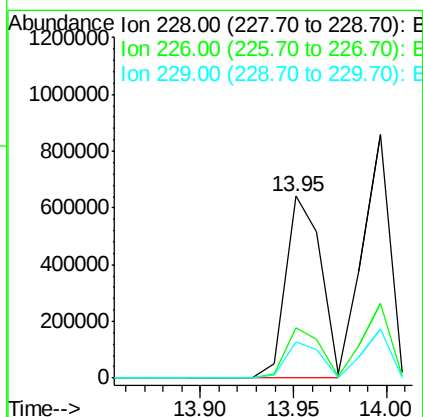
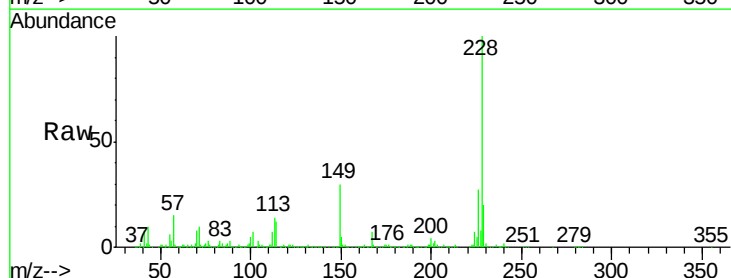
RT: 13.95 min Scan# 1038

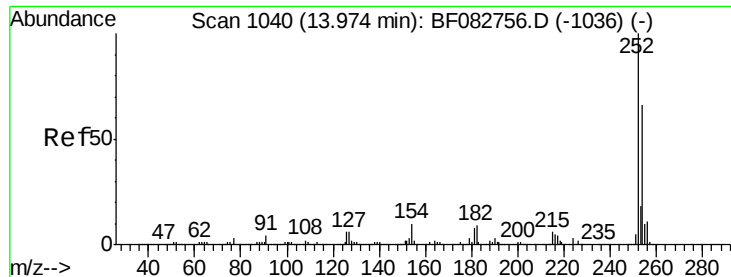
Delta R.T. -0.06 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.2
229	20.0	16.3	24.5





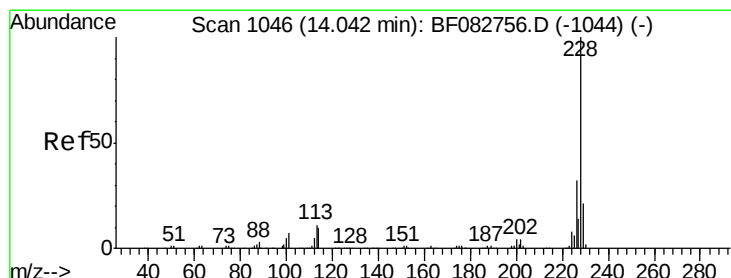
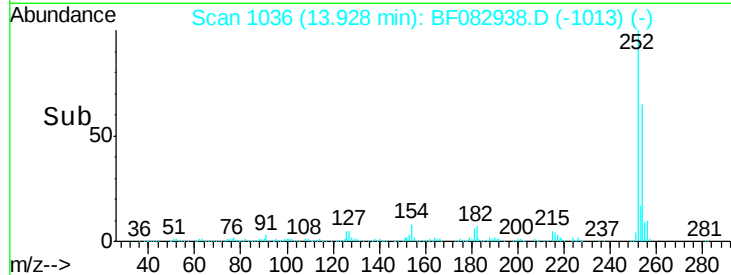
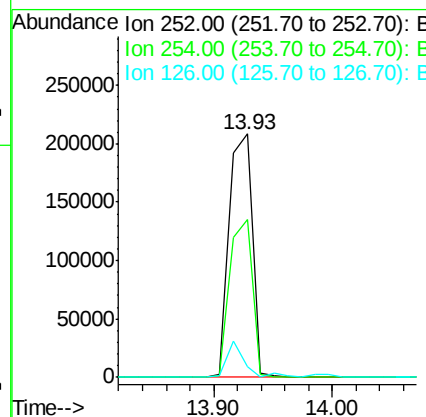
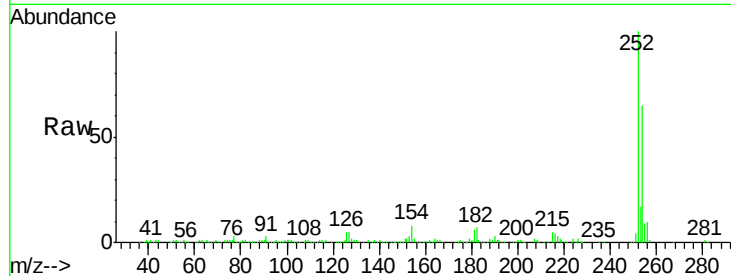
#81
 3,3'-Dichlorobenzidine
 Concen: 36.82 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.0
126	4.6	10.7	16.1

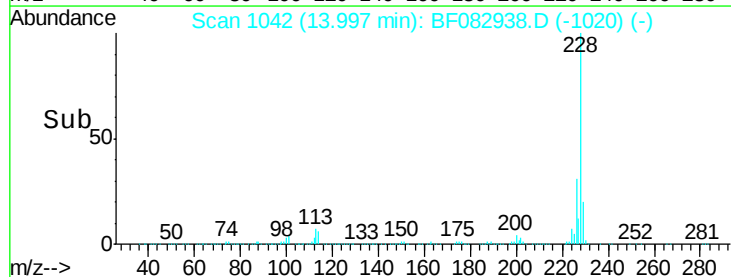
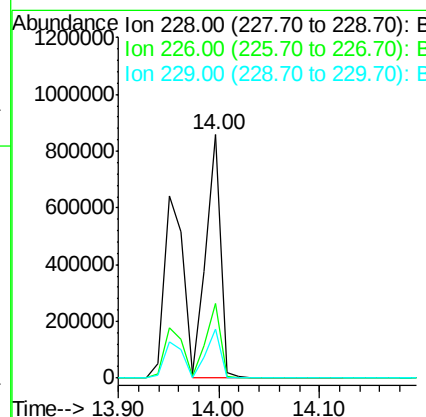
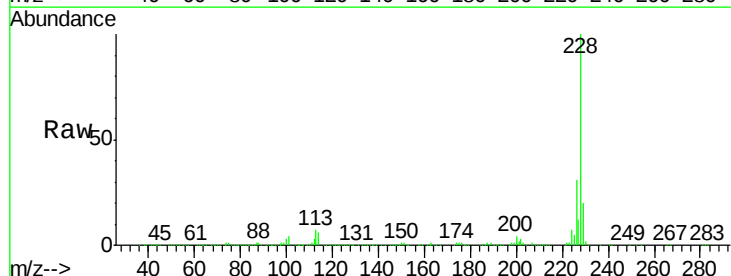
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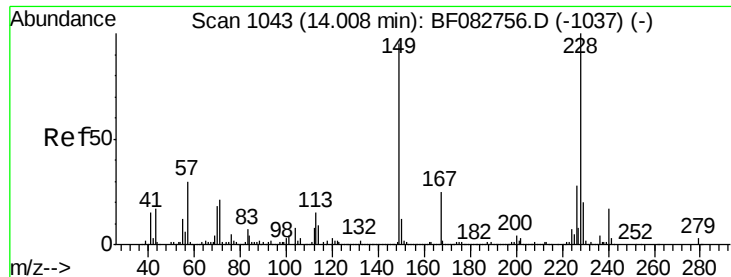
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#82
 Chrysene
 Concen: 44.08 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.05 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.5	38.3
229	19.9	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.52 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF082938.D

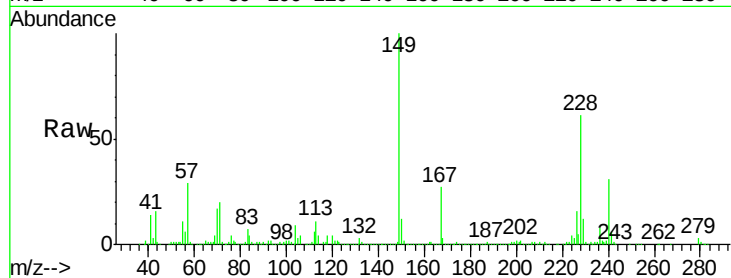
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

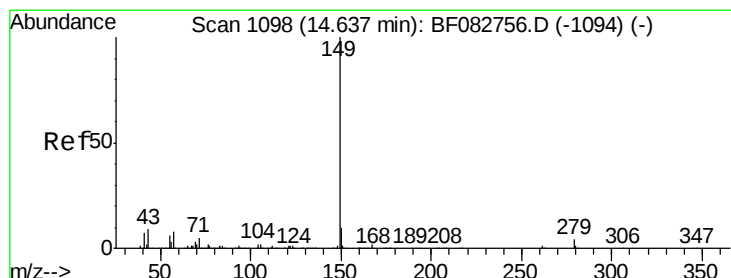
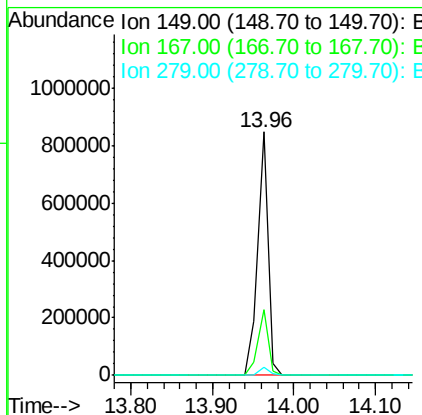
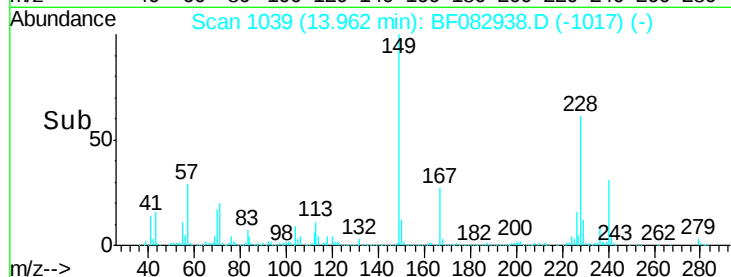
PB86619BS



Tgt Ion:	149	Resp:	749781
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.2	31.8
279	3.2	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 48.08 ng

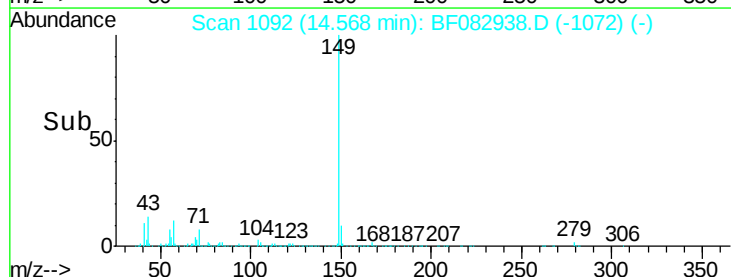
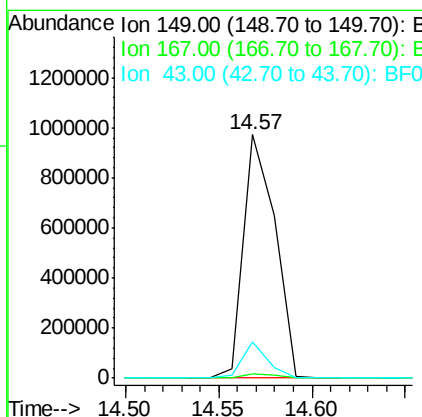
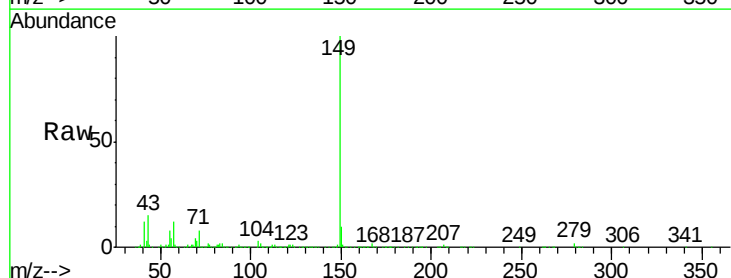
RT: 14.57 min Scan# 1092

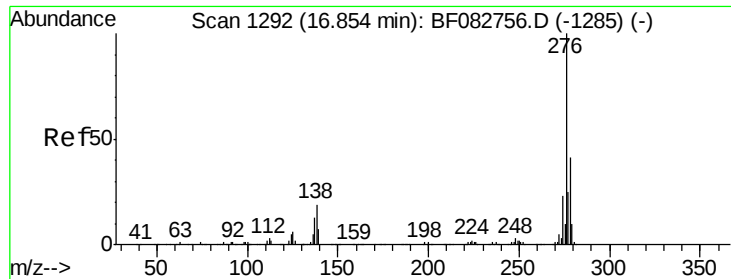
Delta R.T. -0.07 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Tgt Ion:	149	Resp:	1144880
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.5	10.1	15.1





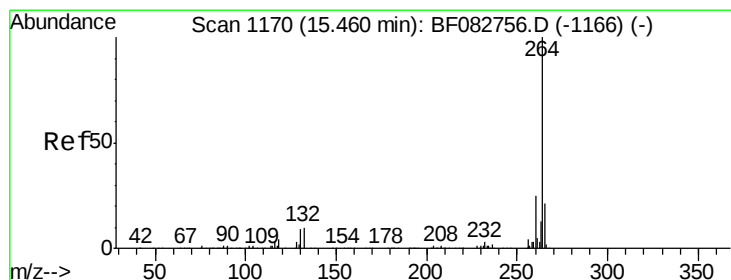
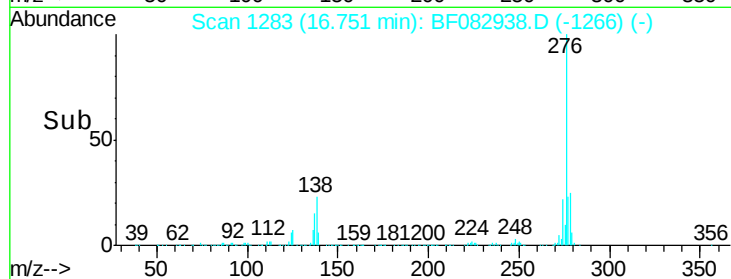
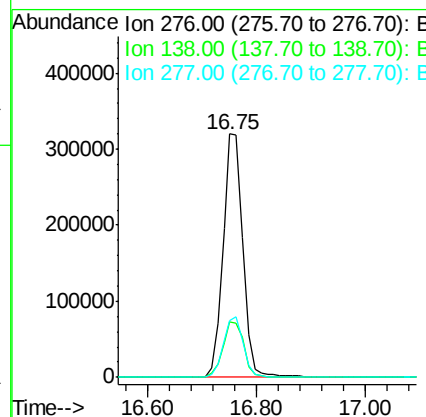
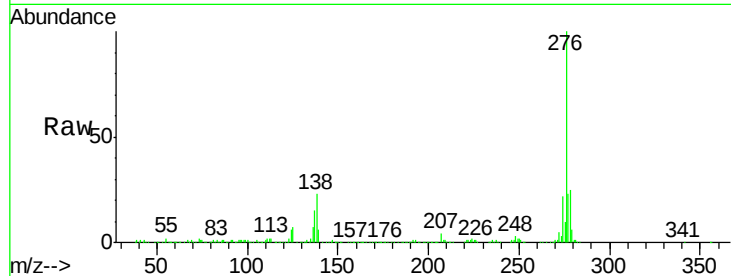
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.49 ng
 RT: 16.75 min Scan# 1283
 Delta R.T. -0.10 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB86619BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	15.3	22.9#
277	25.0	20.2	30.4

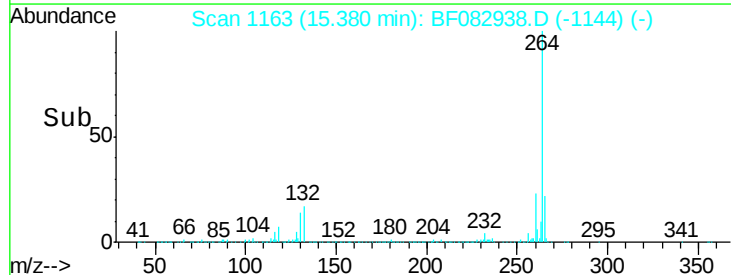
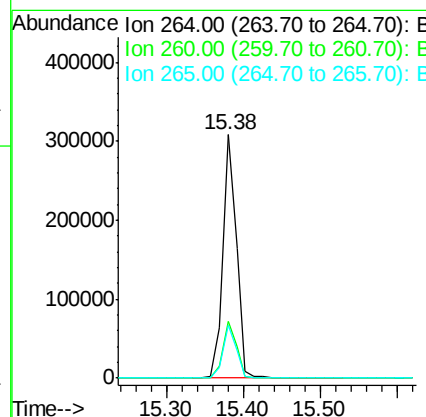
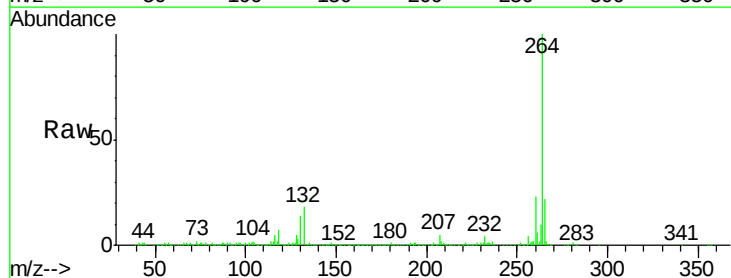
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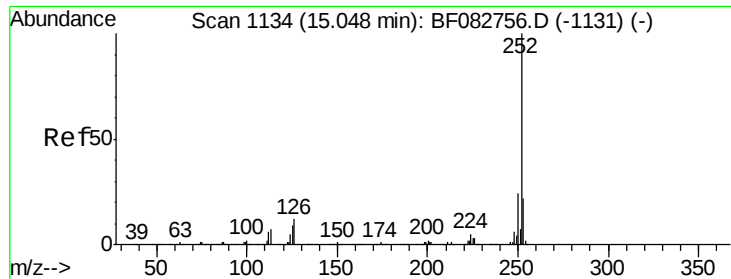
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.08 min
 Lab File: BF082938.D
 Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.8	29.6
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 33.46 ng m

RT: 14.98 min Scan# 1128

Delta R.T. -0.07 min

Lab File: BF082938.D

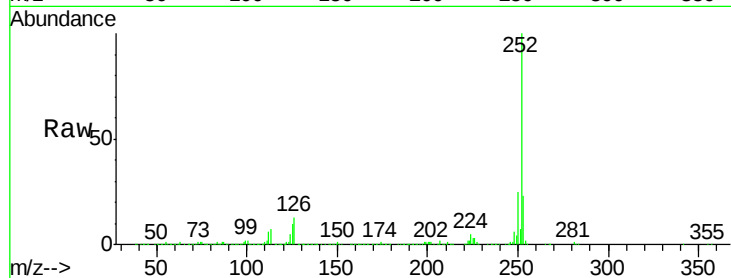
Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS



Tgt Ion:252 Resp: 817736

Ion Ratio Lower Upper

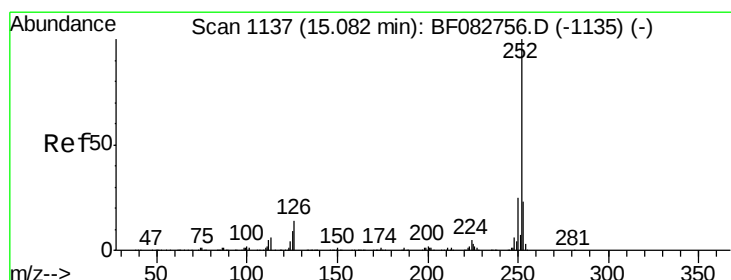
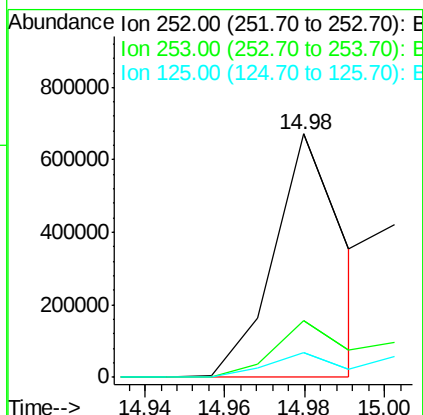
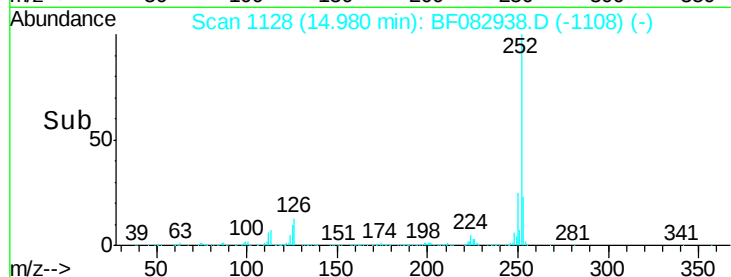
252 100

253 23.1 17.8 26.8

125 10.3 5.4 8.2#

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#88

Benzo(k)fluoranthene

Concen: 39.24 ng m

RT: 15.01 min Scan# 1131

Delta R.T. -0.07 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

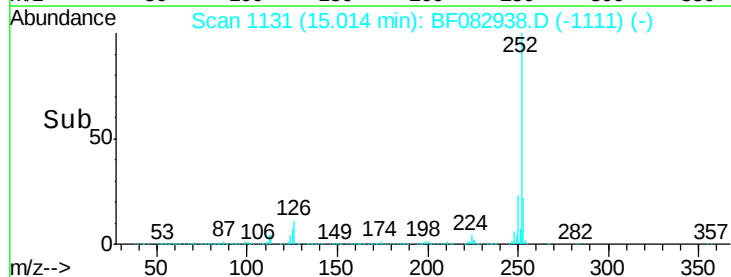
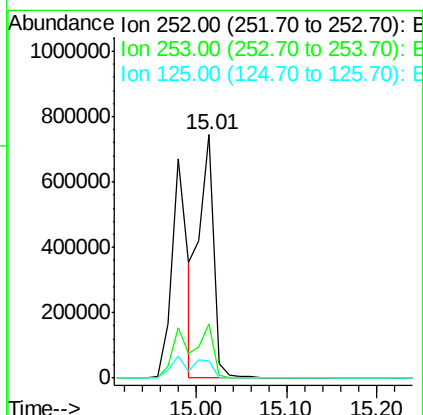
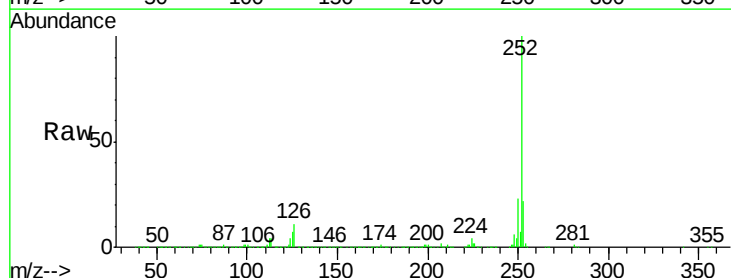
Tgt Ion:252 Resp: 850583

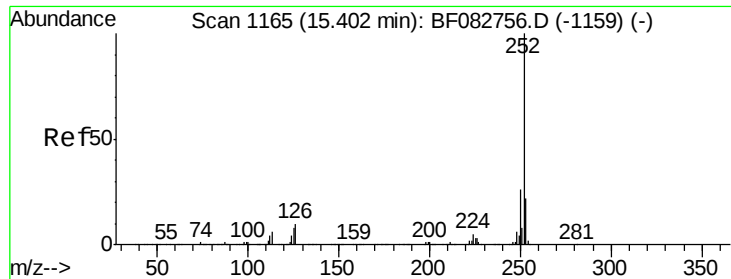
Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 7.2 3.5 5.3#





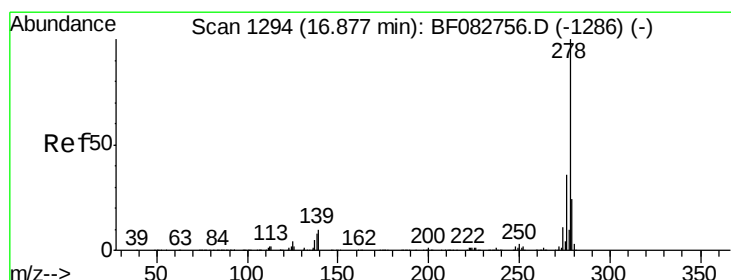
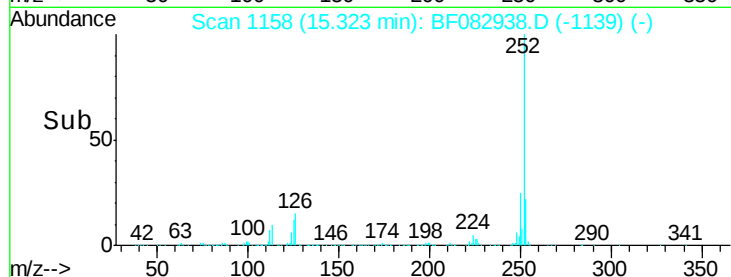
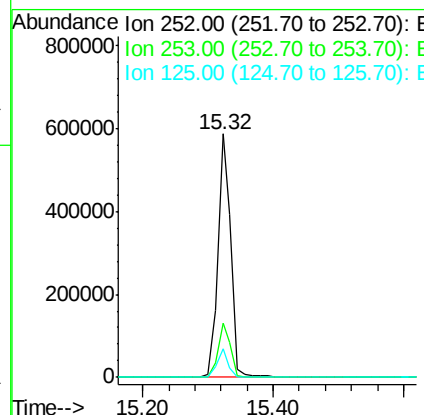
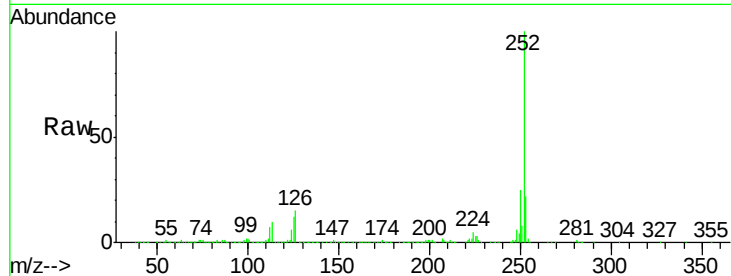
#89
Benzo(a)pyrene
Concen: 38.76 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.08 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Instrument :
BNA_F
ClientSampleId :
PB86619BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.7	7.1	10.7

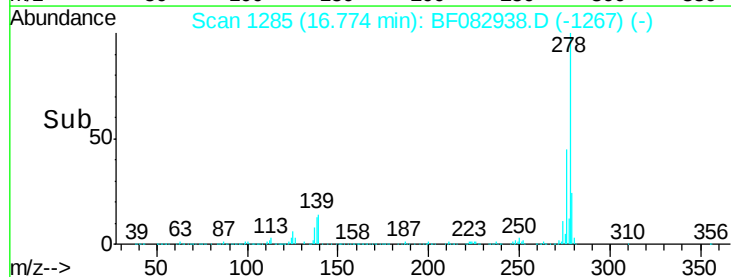
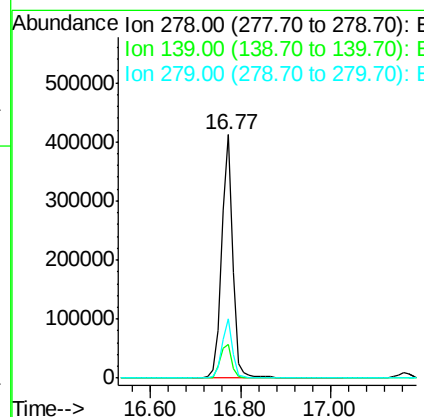
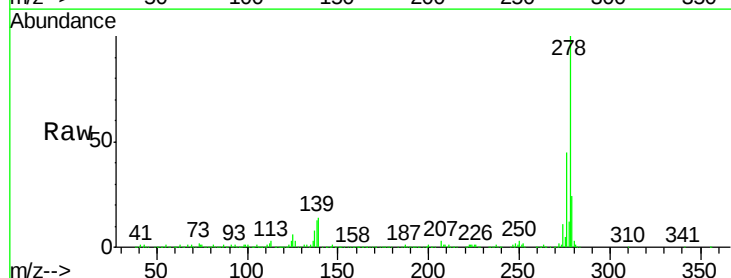
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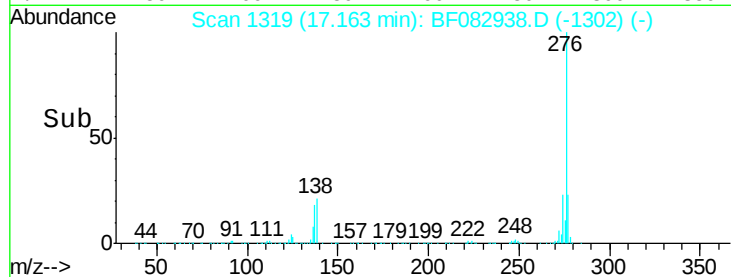
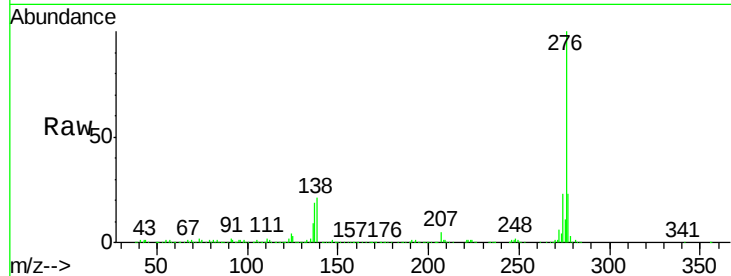
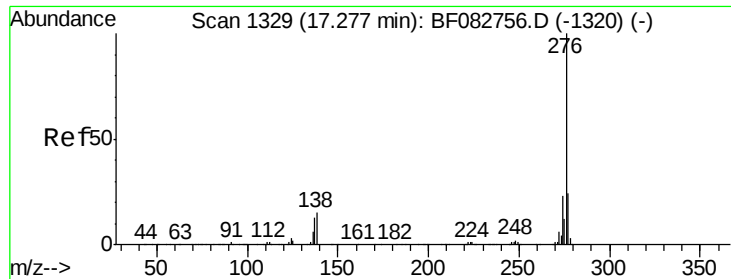
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#90
Dibenzo(a,h)anthracene
Concen: 39.60 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.09 min
Lab File: BF082938.D
Acq: 14 Nov 2015 12:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.9	14.9
279	24.3	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 37.30 ng

RT: 17.16 min Scan# 1319

Delta R.T. -0.10 min

Lab File: BF082938.D

Acq: 14 Nov 2015 12:02

Instrument :

BNA_F

ClientSampleId :

PB86619BS

Tgt Ion:	276	Resp:	640438
Ion Ratio	Lower	Upper	
276	100		
277	23.0	19.2	28.8
138	21.1	13.1	19.7#

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