

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082770.D
 Acq On : 6 Nov 2015 19:29
 Operator : UM/IZ
 Sample : PB86463BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Manual Integrations
 APPROVED

Mmdadoda
 11/9/2015 2:10:30 PM

Quant Time: Nov 07 03:26:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	254508	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	780455	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	392907	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	925296	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	520709	20.00	ng	-0.01
86) Perylene-d12	15.44	264	485811	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1678084	102.59	ng	0.01
7) Phenol-d6	6.49	99	2190250	100.72	ng	0.01
23) Nitrobenzene-d5	7.41	82	1310529	73.07	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	504036	111.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	2186099	79.74	ng	0.00
78) Terphenyl-d14	12.96	244	1796266	81.82	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	196439	27.83	ng	95
3) Pyridine	3.21	79	650923	31.78	ng	96
4) n-Nitrosodimethylamine	3.15	42	299220	29.46	ng	# 74
6) Aniline	6.51	93	822132	26.93	ng	95
8) 2-Chlorophenol	6.64	128	643829	35.51	ng	90
9) Benzaldehyde	6.38	77	71490	5.95	ng	94
10) Phenol	6.50	94	911212	36.93	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	676090	36.64	ng	85
12) 1,3-Dichlorobenzene	6.80	146	652101m	31.89	ng	
13) 1,4-Dichlorobenzene	6.86	146	631998	29.70	ng	97
14) 1,2-Dichlorobenzene	7.02	146	646933	33.43	ng	99
15) Benzyl Alcohol	6.99	79	583048	30.53	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	897294	33.15	ng	96
17) 2-Methylphenol	7.10	107	493001	32.10	ng	98
18) Hexachloroethane	7.37	117	222458	29.23	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	452999	28.34	ng	# 77
20) 3+4-Methylphenols	7.26	107	607858	30.44	ng	96
22) Acetophenone	7.26	105	799718	35.76	ng	# 91
24) Nitrobenzene	7.44	77	695535	37.92	ng	98
25) Isophorone	7.68	82	1254185	37.79	ng	97
26) 2-Nitrophenol	7.76	139	293224	38.30	ng	# 53
27) 2,4-Dimethylphenol	7.79	122	484510	35.22	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	730107	39.00	ng	100
29) 2,4-Dichlorophenol	8.00	162	529057	42.55	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	461459	33.00	ng	97
31) Naphthalene	8.16	128	1383568	32.13	ng	99
32) Benzoic acid	7.92	122	335970	35.67	ng	88
33) 4-Chloroaniline	8.20	127	421477	22.71	ng	97
34) Hexachlorobutadiene	8.28	225	282316	32.26	ng	100
35) Caprolactam	8.57	113	160657	40.99	ng	# 89
36) 4-Chloro-3-methylphenol	8.69	107	587901	40.21	ng	89
37) 2-Methylnaphthalene	8.85	142	1162936	41.75	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	473380	36.66	ng	99
40) Hexachlorocyclopentadiene	9.01	237	585137	84.35	ng	98

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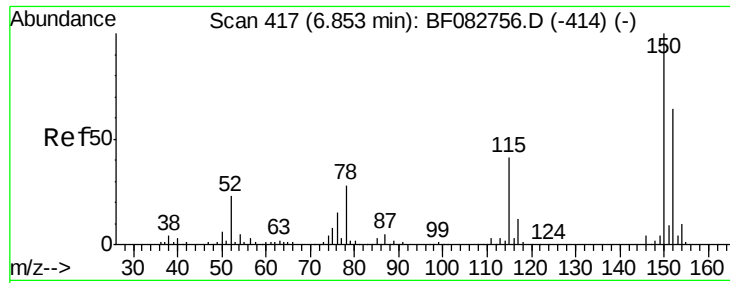
Manual Integrations
 APPROVED

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 11/9/2015 2:10:30 PM

Quant Time: Nov 07 03:26:26 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)
42) 2,4,6-Trichlorophenol	9.13	196	330653	34.31	nq	96
43) 2,4,5-Trichlorophenol	9.17	196	355857	37.33	nq #	90
45) 1,1'-Biphenyl	9.32	154	1309047	38.83	nq	97
46) 2-Chloronaphthalene	9.33	162	1051111	39.97	nq	95
47) 2-Nitroaniline	9.42	65	366224	37.54	nq	91
48) Acenaphthylene	9.76	152	1612901	39.13	nq	99
49) Dimethylphthalate	9.62	163	1331302	41.36	nq	99
50) 2,6-Dinitrotoluene	9.68	165	307350	44.75	nq	86
51) Acenaphthene	9.93	154	1103787	42.26	nq	100
52) 3-Nitroaniline	9.84	138	193609	25.63	nq	87
53) 2,4-Dinitrophenol	9.95	184	317191	84.11	nq #	17
54) Dibenzofuran	10.10	168	1485481	42.18	nq	93
55) 4-Nitrophenol	10.01	139	418354	72.19	nq #	80
56) 2,4-Dinitrotoluene	10.08	165	380310	40.81	nq	99
57) Fluorene	10.44	166	1158544	40.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	285041	36.64	nq #	92
59) Diethylphthalate	10.32	149	1214793	38.65	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	521987	36.58	nq #	86
61) 4-Nitroaniline	10.45	138	251108	33.05	nq #	84
62) Azobenzene	10.59	77	1355970	40.16	nq	92
64) 4,6-Dinitro-2-methylphenol	10.49	198	205162	31.12	nq	93
65) n-Nitrosodiphenylamine	10.56	169	1057139	31.62	nq	99
66) 4-Bromophenyl-phenylether	10.92	248	320310	28.75	nq #	75
67) Hexachlorobenzene	10.99	284	419258	33.70	nq #	76
68) Atrazine	11.08	200	403015	38.99	nq	96
69) Pentachlorophenol	11.18	266	548384	72.59	nq	99
70) Phenanthrene	11.40	178	2011428	37.43	nq	100
71) Anthracene	11.45	178	1750376	30.92	nq	100
72) Carbazole	11.60	167	1447826	29.22	nq	98
73) Di-n-butylphthalate	11.94	149	1338898	21.69	nq	99
74) Fluoranthene	12.58	202	1303438	22.60	nq	98
76) Benzidine	12.70	184	588098	33.70	nq	98
77) Pyrene	12.81	202	1326597	37.10	nq	99
79) Butylbenzylphthalate	13.44	149	772356	48.89	nq	94
80) Benzo(a)anthracene	14.00	228	1268054	38.94	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	350644	30.29	nq #	98
82) Chrysene	14.04	228	1232026	41.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	885231	40.94	nq #	97
84) Di-n-octyl phthalate	14.61	149	1461158	40.51	nq	97
85) Indeno(1,2,3-cd)pyrene	16.82	276	1295509	50.44	nq	97
87) Benzo(b)fluoranthene	15.03	252	1372421m	44.01	nq	
88) Benzo(k)fluoranthene	15.06	252	817472m	29.55	nq	
89) Benzo(a)pyrene	15.38	252	1018224	37.69	nq	99
90) Dibenzo(a,h)anthracene	16.84	278	1081412	47.27	nq	99
91) Benzo(g,h,i)perylene	17.24	276	1217854	55.58	nq #	96

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



#1

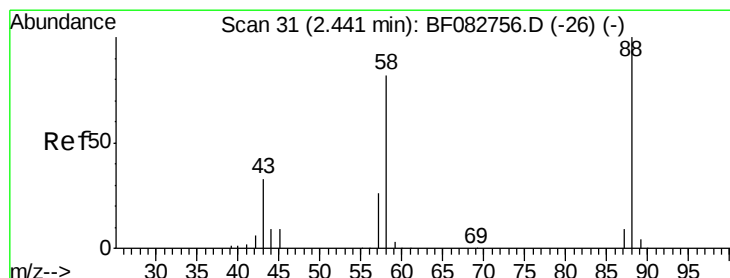
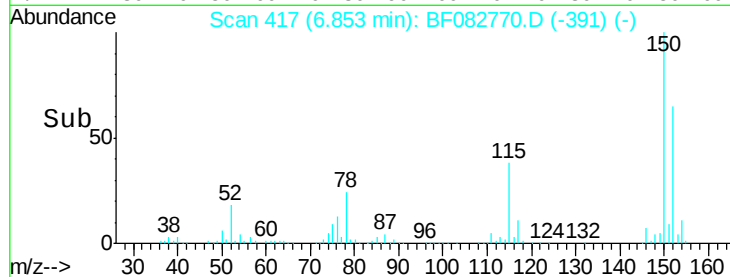
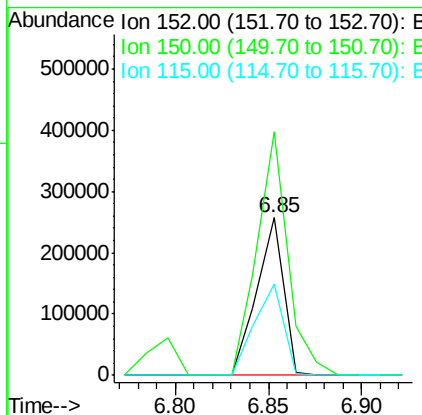
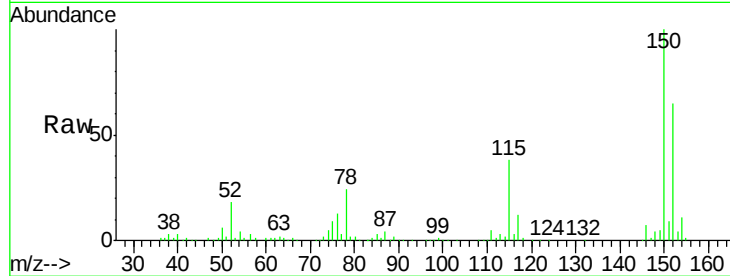
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	127.0	190.4
115	58.3	47.0	70.6

Manual Integrations
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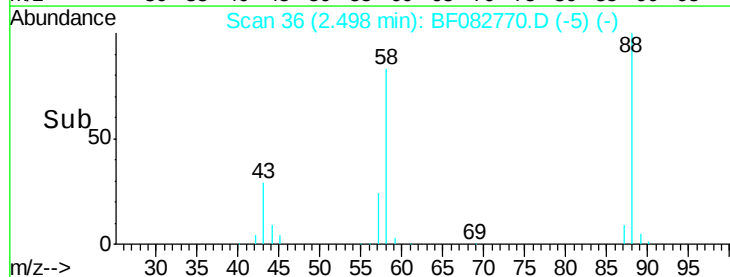
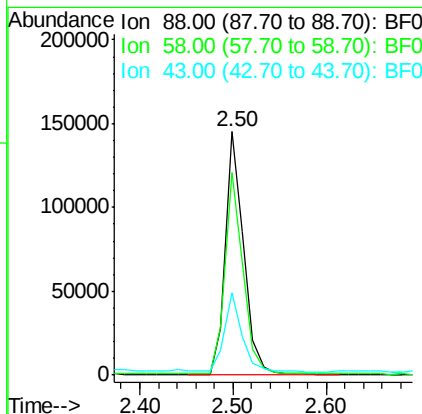
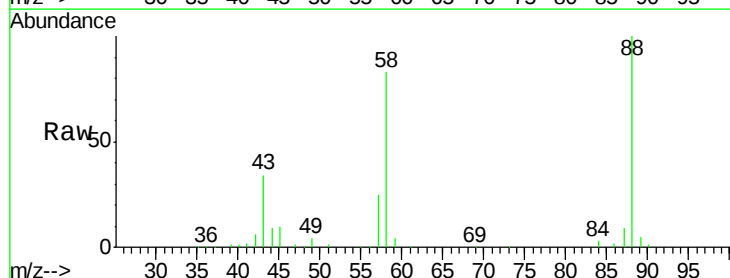
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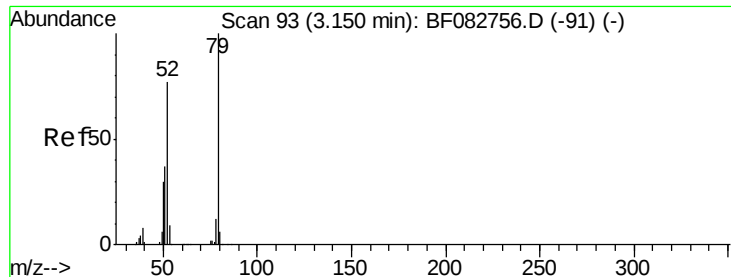


#2

1,4-Dioxane
Concen: 27.83 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.5	62.0	93.0
43	32.0	26.6	40.0





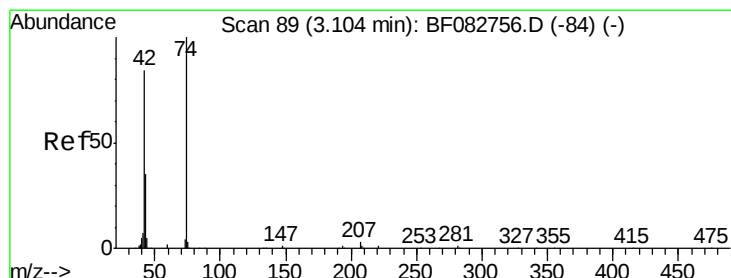
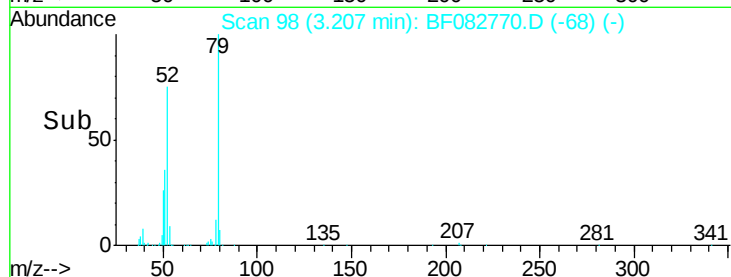
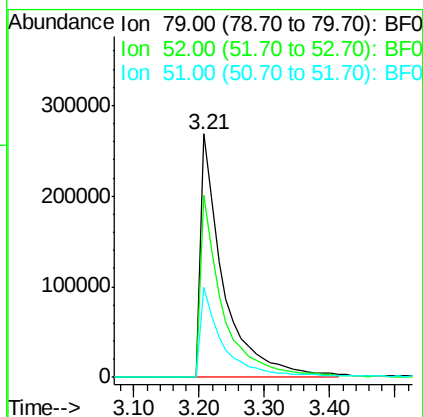
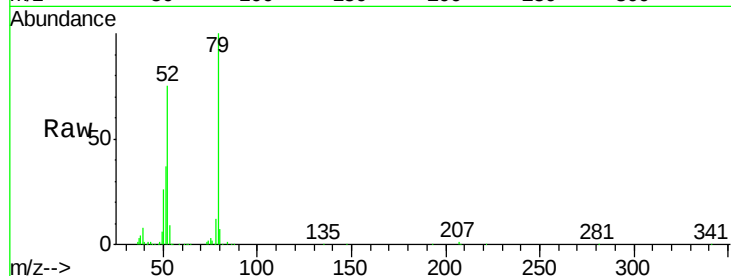
#3
 Pvridine
 Concen: 31.78 ng
 RT: 3.21 min Scan# 98
 Delta R.T. 0.05 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		650923		
52	74.9	62.8	94.2		
51	36.9	32.0	48.0		

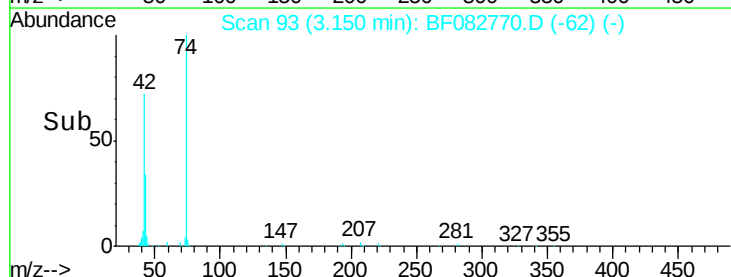
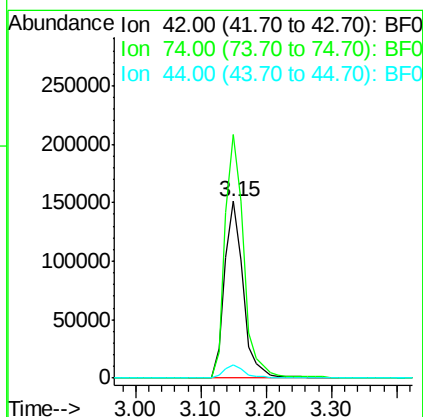
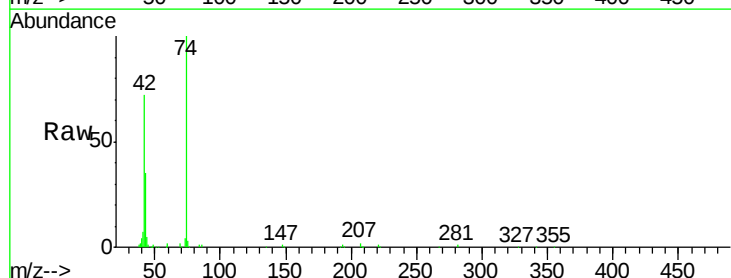
Manual Integrations
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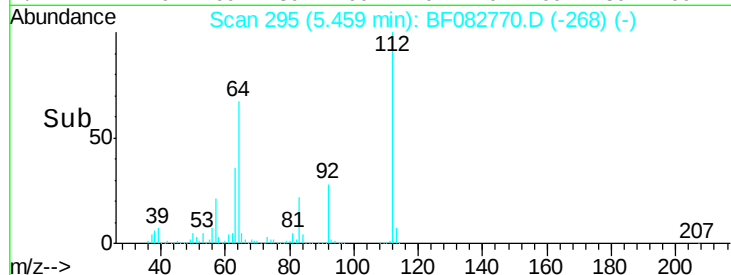
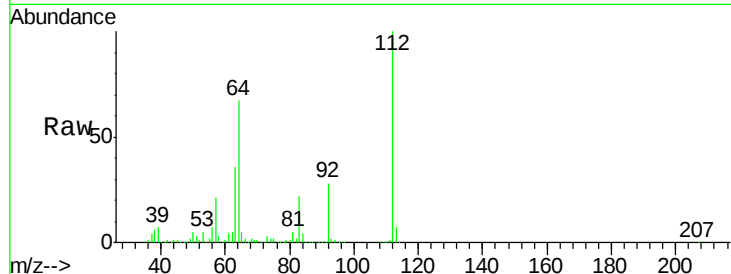
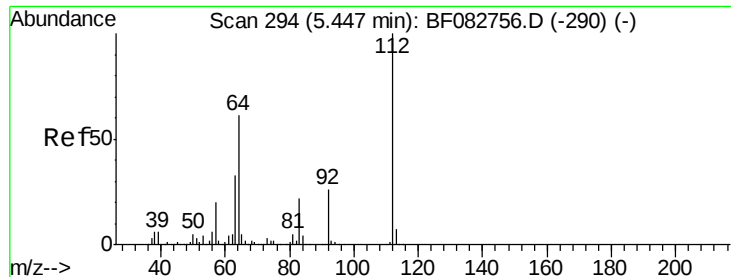
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#4
 n-Nitrosodimethylamine
 Concen: 29.46 ng
 RT: 3.15 min Scan# 93
 Delta R.T. 0.06 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		299220		
74	137.9	87.0	130.4#		
44	7.2	5.8	8.8		





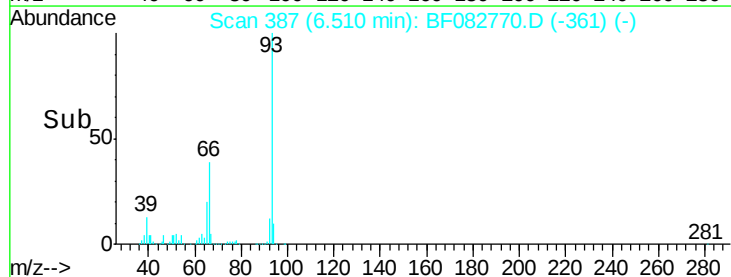
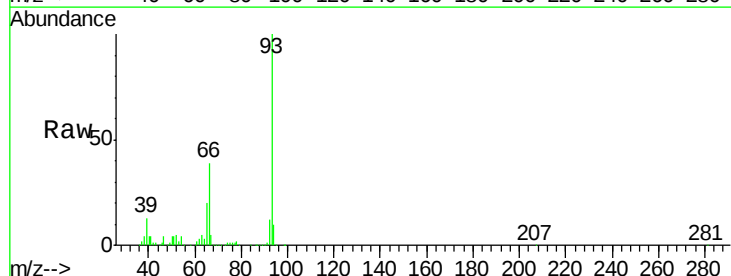
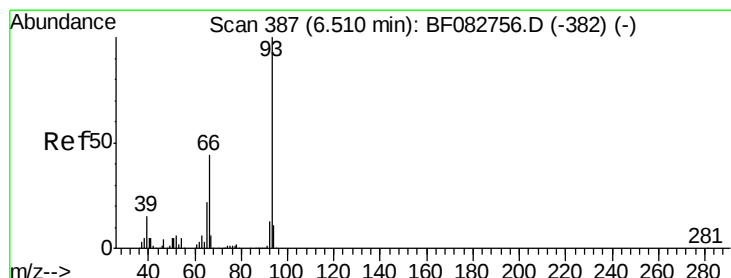
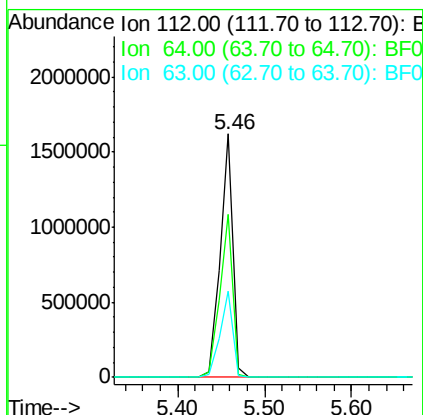
#5
2-Fluorophenol
Concen: 102.59 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.0	48.9	73.3
63	35.5	28.1	42.1

Instrument :
BNA_F
ClientSampleId :
PB86463BS

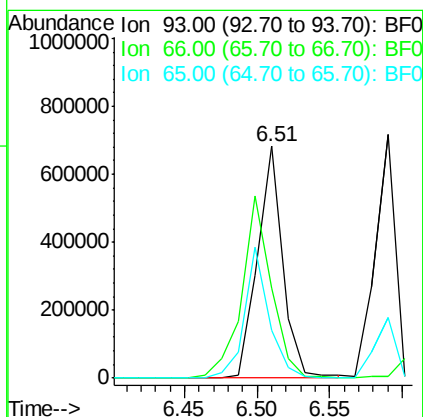
Manual Integrations
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#6
Aniline
Concen: 26.93 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.1	33.6	50.4
65	20.5	18.1	27.1





#7

Phenol-d6

Concen: 100.72 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion: 99 Resp: 2190250

Ion Ratio Lower Upper

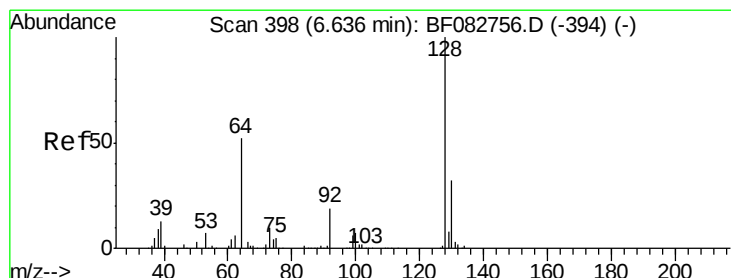
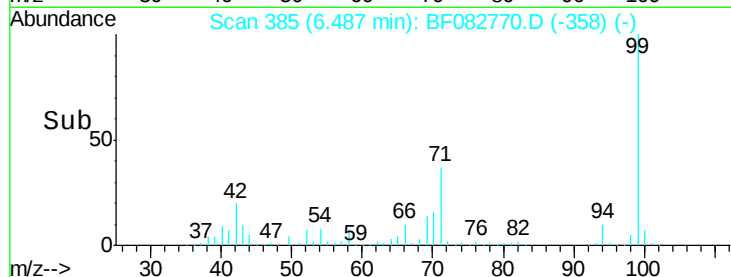
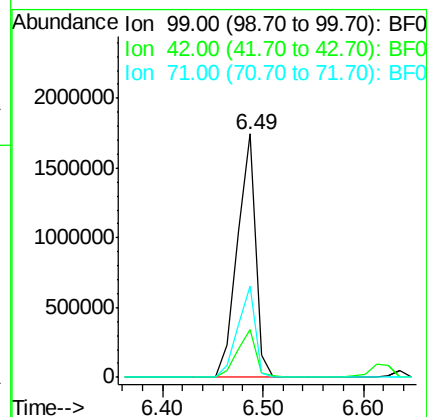
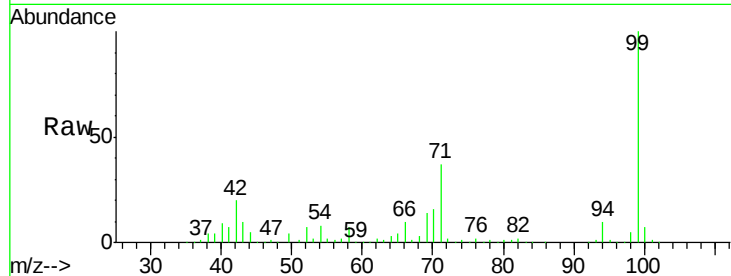
99 100

42 19.7 19.2 28.8

71 37.5 35.0 52.4

Manual Integrations
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11/9/2015 2:10:30 PM



#8

2-Chlorophenol

Concen: 35.51 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

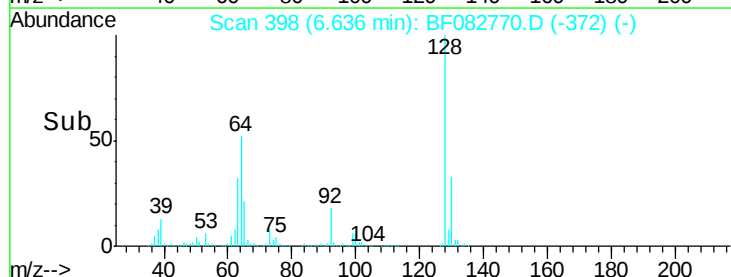
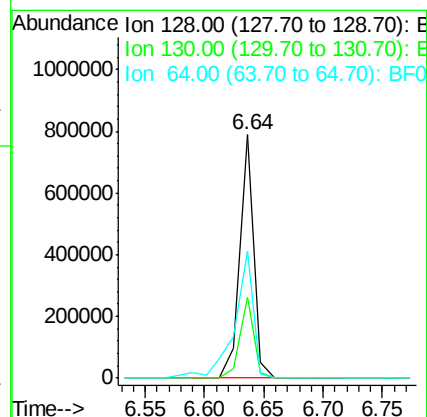
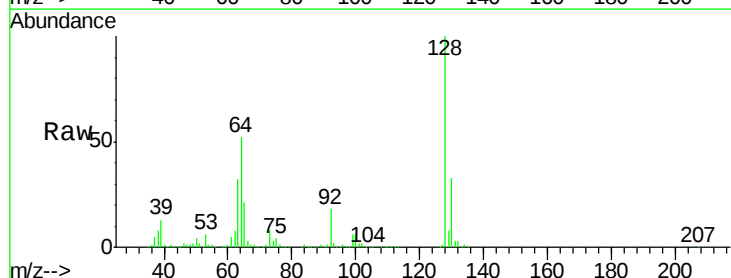
Tgt Ion: 128 Resp: 643829

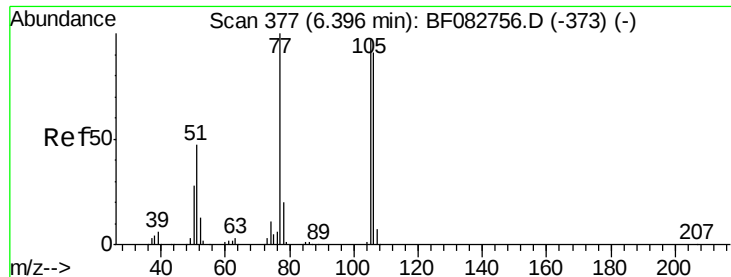
Ion Ratio Lower Upper

128 100

130 33.0 13.5 53.5

64 52.3 21.1 61.1





#9

Benzaldehyde

Concen: 5.95 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

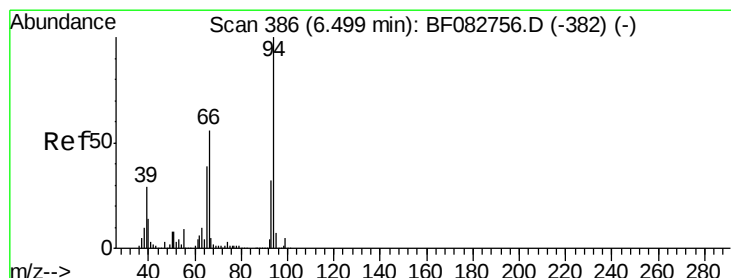
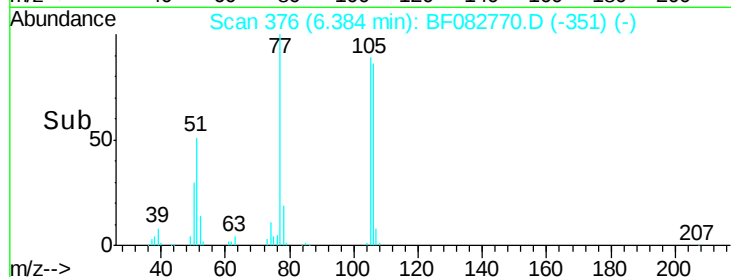
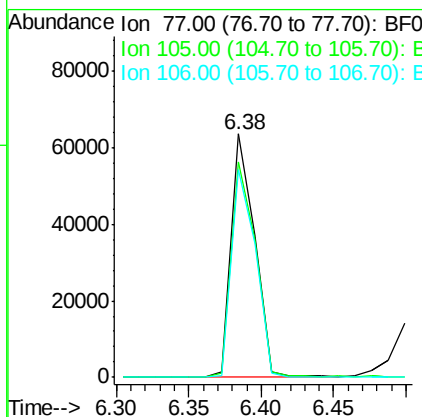
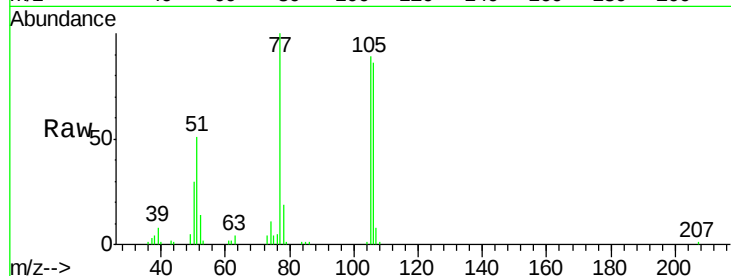
ClientSampleId :

PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.7	63.5	103.5		
106	85.6	59.3	99.3		

Manual Integrations
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11/9/2015 2:10:30 PM



#10

Phenol

Concen: 36.93 ng

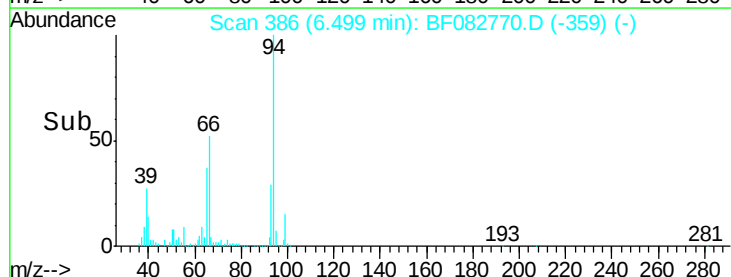
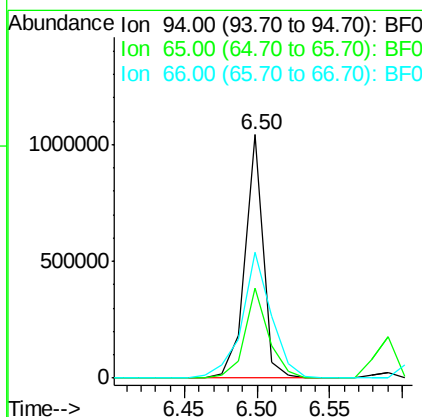
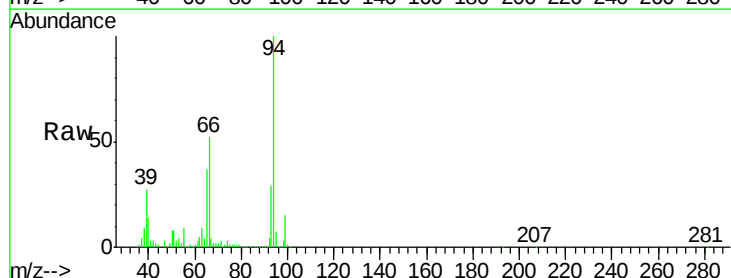
RT: 6.50 min Scan# 386

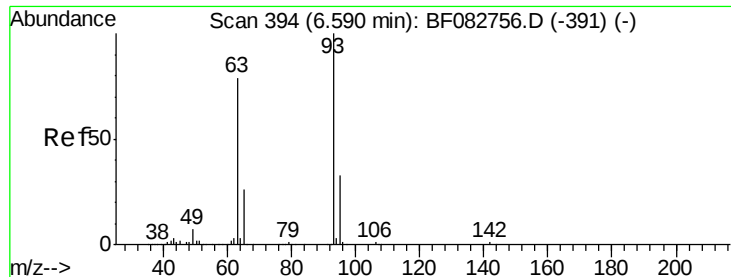
Delta R.T. 0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	36.9	18.9	58.9		
66	51.5	34.9	74.9		





#11

bis(2-Chloroethyl)ether

Concen: 36.64 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

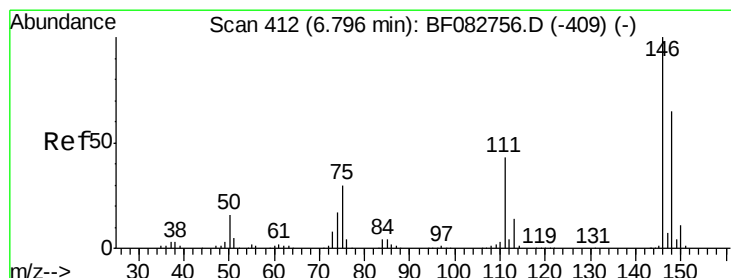
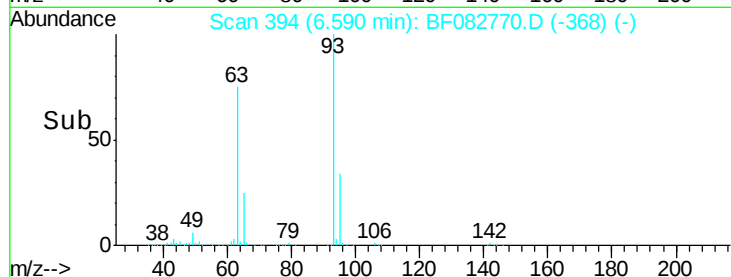
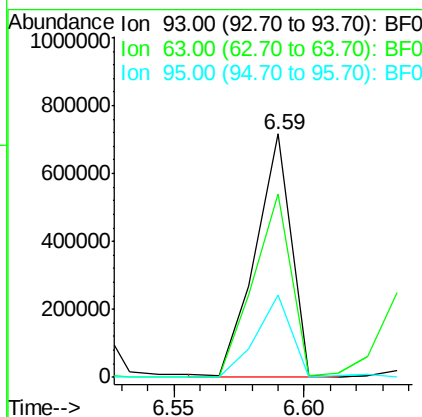
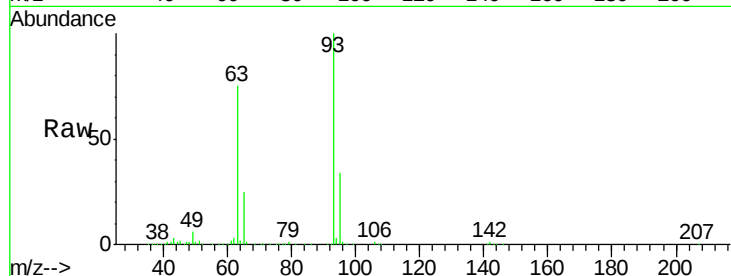
ClientSampleId :

PB86463BS

Tot Ion:	93	Resp:	676090
Ion	Ratio	Lower	Upper
93	100		
63	75.1	72.7	112.7
95	34.1	12.0	52.0

Manual Integrations
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11/9/2015 2:10:30 PM



#12

1,3-Dichlorobenzene

Concen: 31.89 ng m

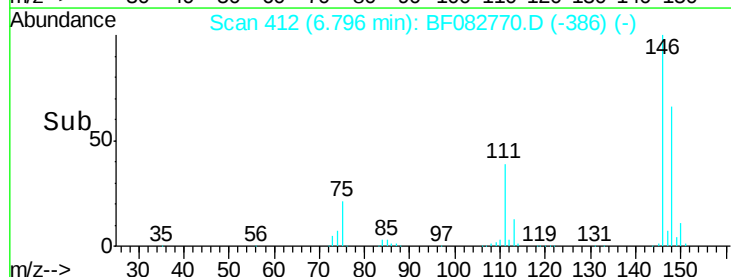
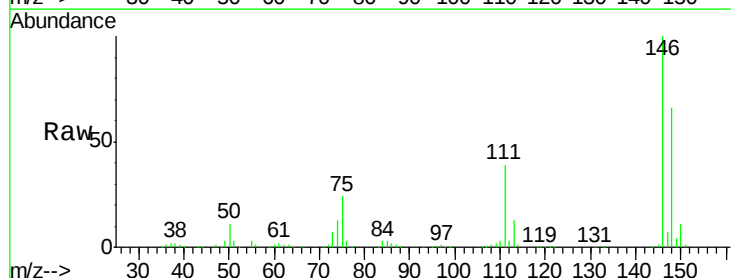
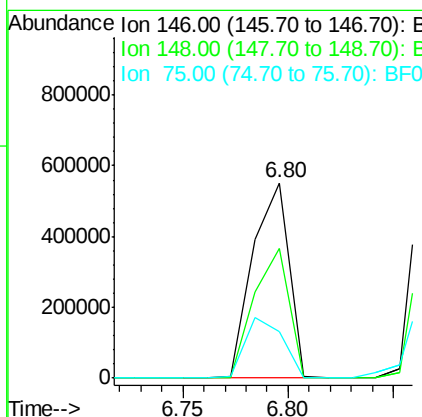
RT: 6.80 min Scan# 412

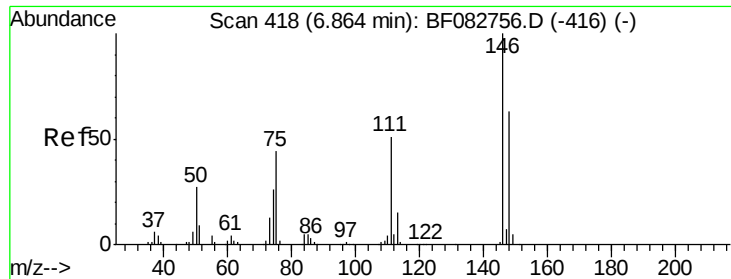
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	146	Resp:	652101
Ion	Ratio	Lower	Upper
146	100		
148	66.5	50.5	75.7
75	23.7	39.5	59.3#





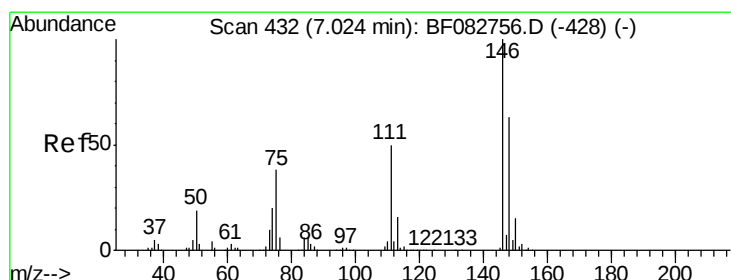
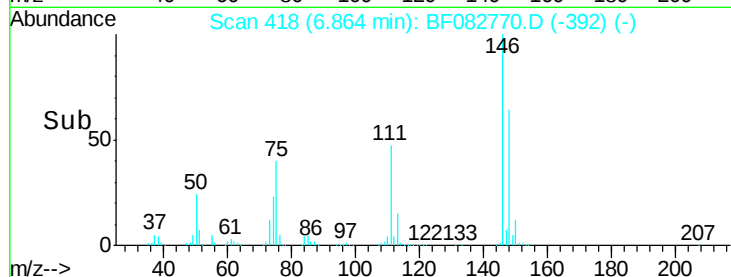
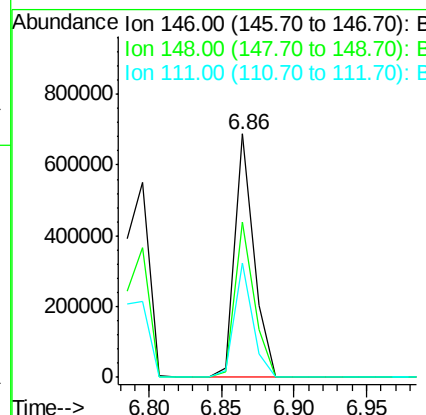
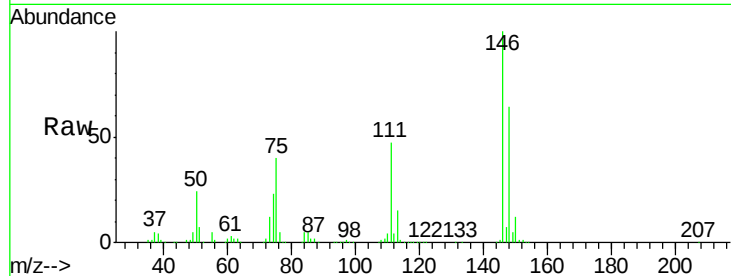
#13
1,4-Dichlorobenzene
Concen: 29.70 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	631998		
148	63.9	50.8	76.2	
111	47.0	40.6	60.8	

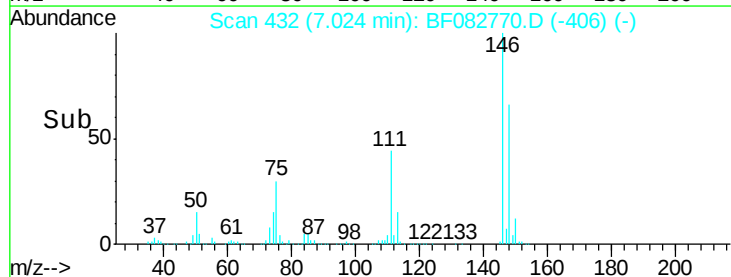
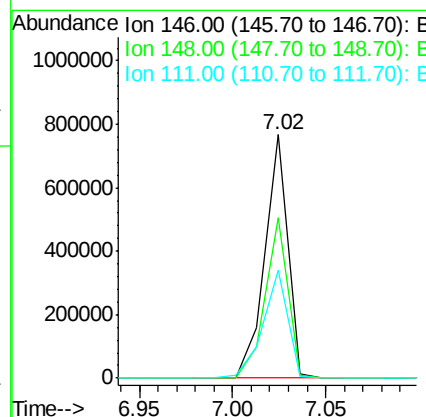
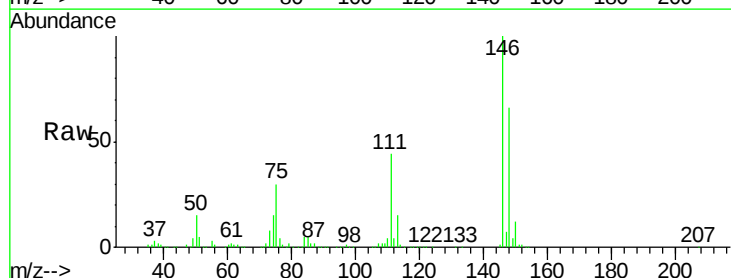
Manual Integrations
APPROVED

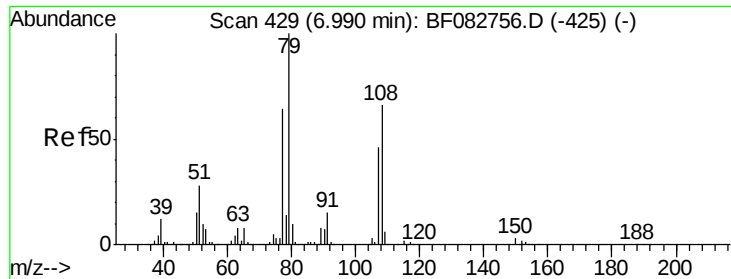
Mmdadoda
11/9/2015 2:10:30 PM



#14
1,2-Dichlorobenzene
Concen: 33.43 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	646933		
148	65.8	52.2	78.4	
111	44.4	36.6	55.0	





#15

Benzyl Alcohol

Concen: 30.53 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

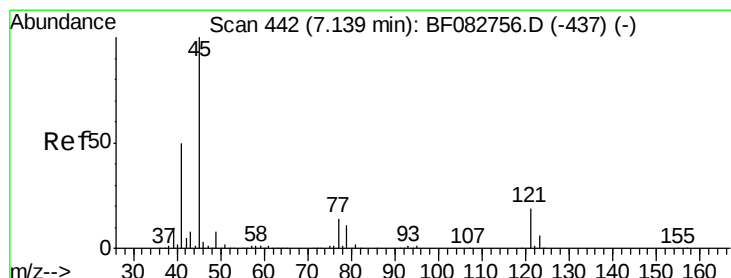
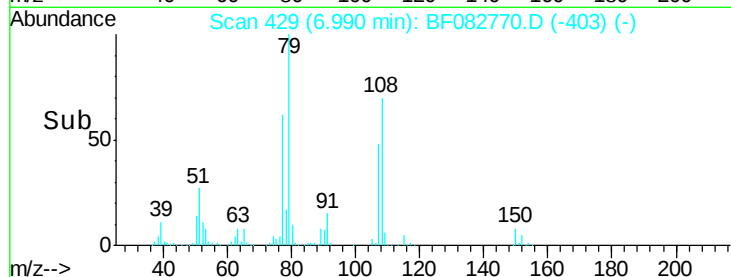
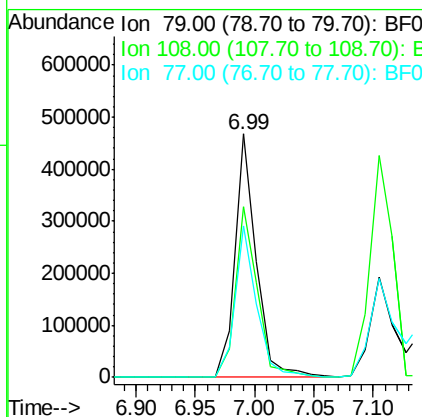
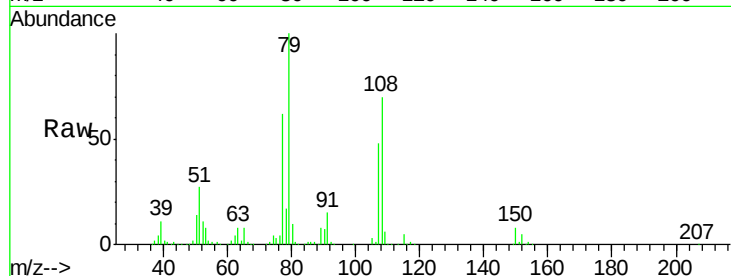
ClientSampleId :

PB86463BS

Manual Integrations
APPROVED

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11/9/2015 2:10:30 PM

Tot Ion:	79	Resp:	583048
Ion Ratio	Lower	Upper	
79	100		
108	69.9	52.2	78.4
77	62.2	52.7	79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.15 ng

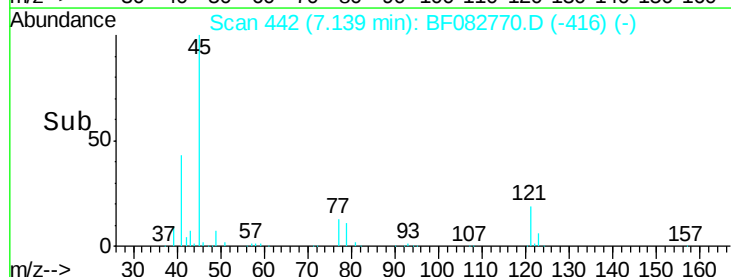
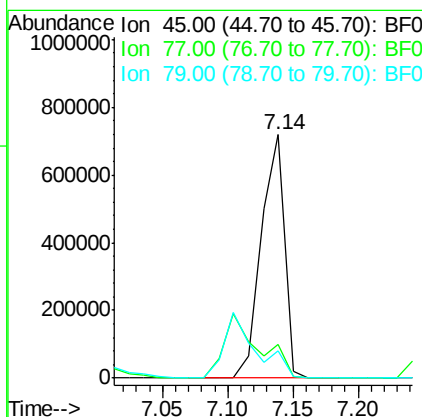
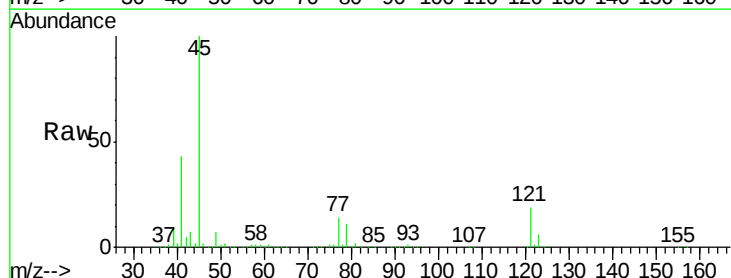
RT: 7.14 min Scan# 442

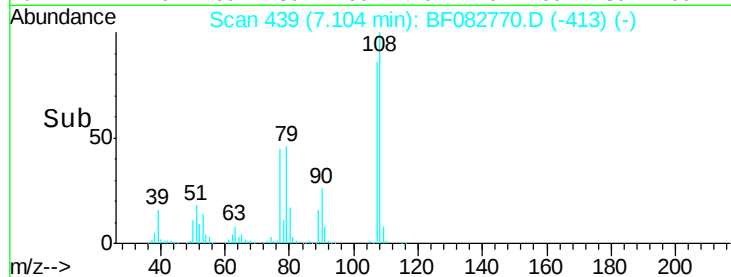
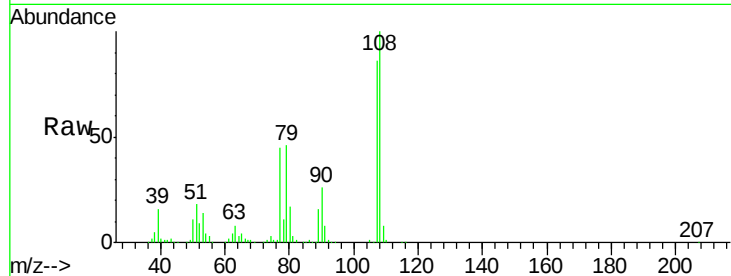
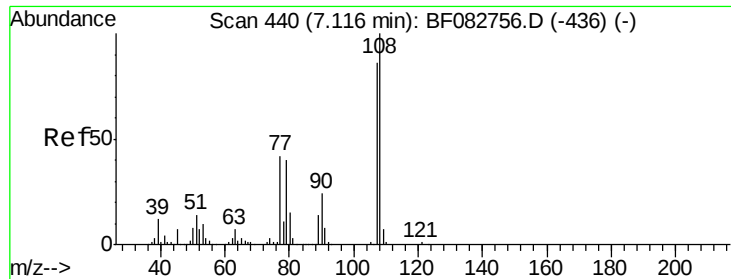
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	45	Resp:	897294
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	32.6
79	11.2	0.0	29.2





#17

2-Methylphenol

Concen: 32.10 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tot Ion	Ratio	Resp	Lower	Upper
107	100	493001		
108	116.7	93.0	139.4	
77	52.5	44.1	66.1	
79	53.2	43.6	65.4	

Instrument :

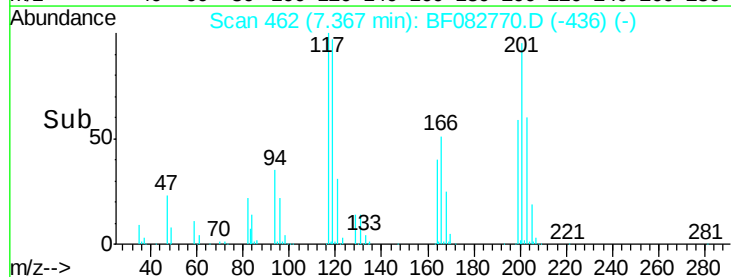
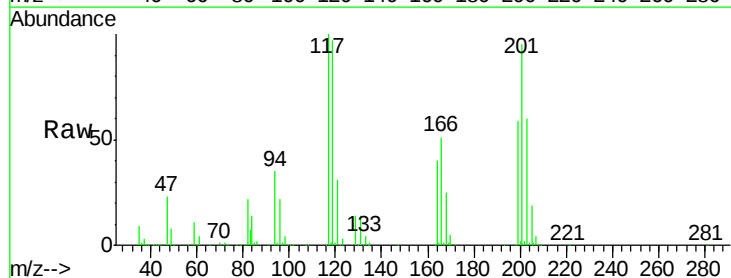
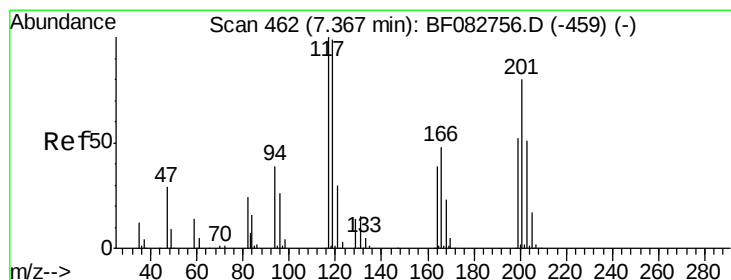
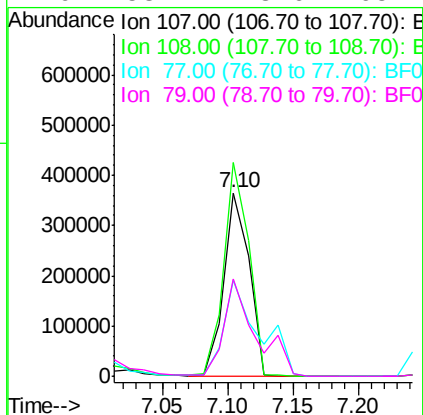
BNA_F

ClientSampleId :

PB86463BS

Manual Integrations
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#18

Hexachloroethane

Concen: 29.23 ng

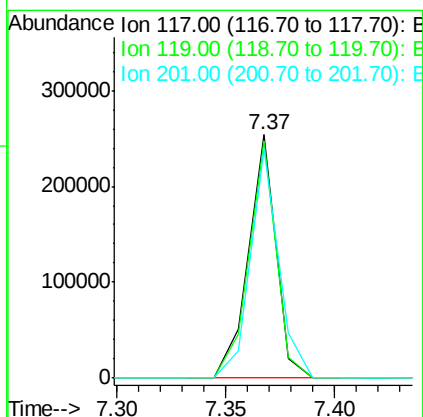
RT: 7.37 min Scan# 462

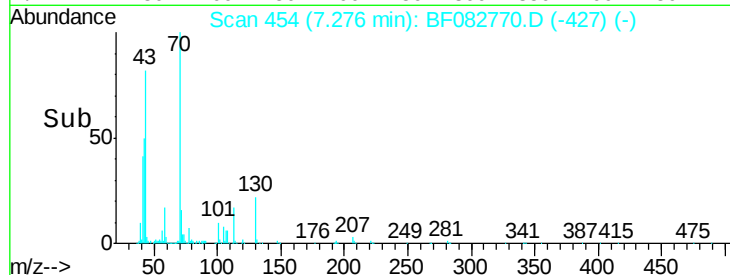
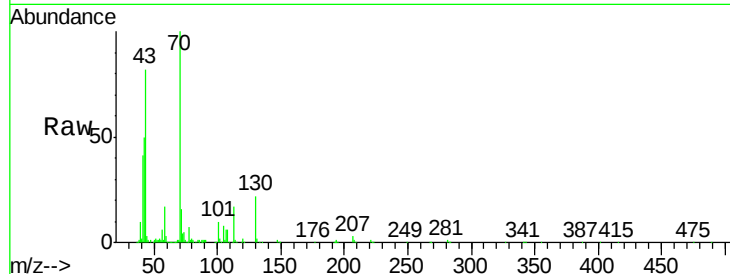
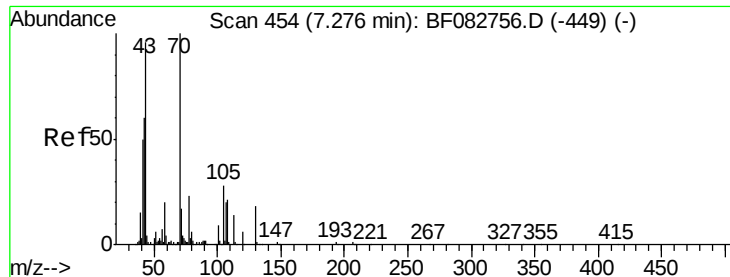
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	222458		
119	97.3	77.7	116.5	
201	94.5	66.7	100.1	





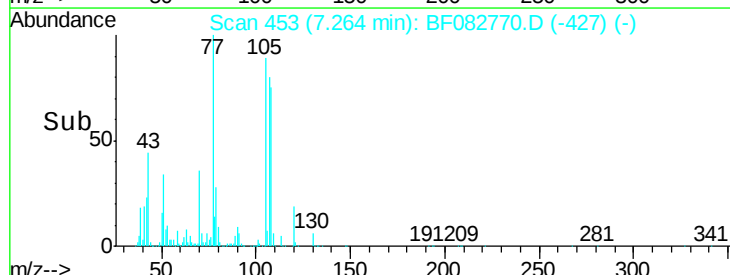
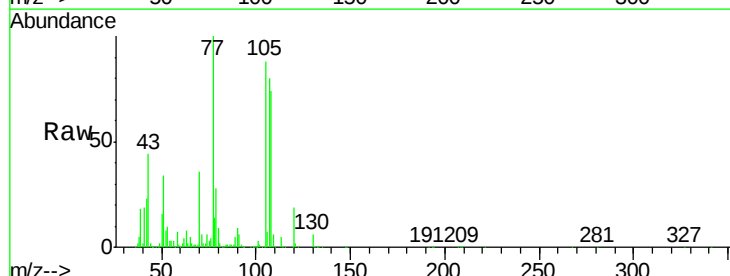
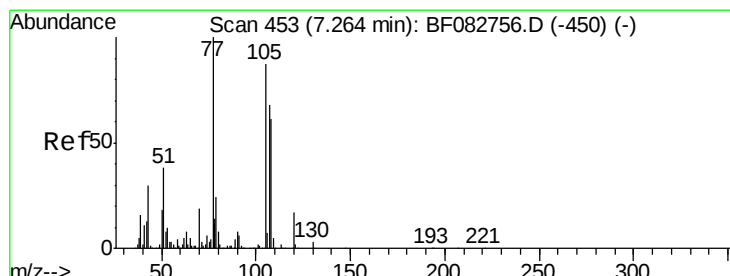
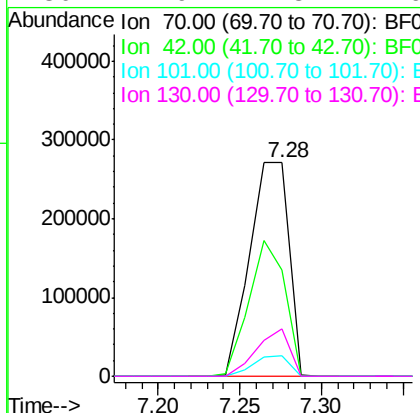
#19
n-Nitroso-di-n-propylamine
Concen: 28.34 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		452999		
42	49.6	57.7	86.5#		
101	9.7	7.0	10.6		
130	21.9	11.8	17.6#		

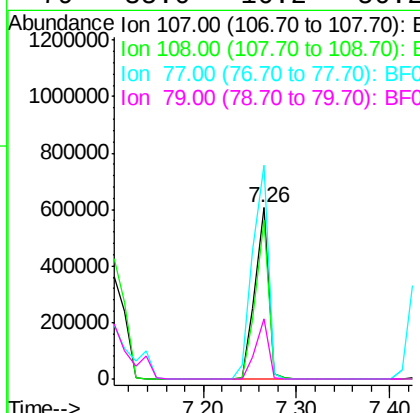
Manual Integrations
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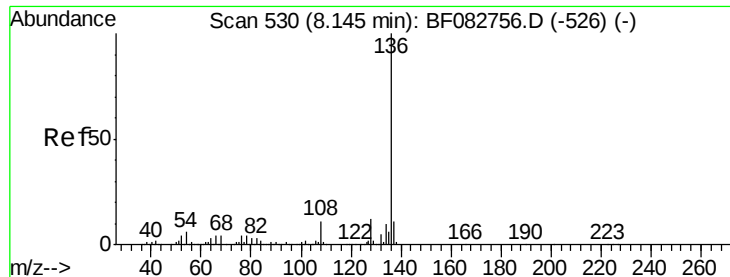
Mmdadoda
11/9/2015 2:10:30 PM



#20
3+4-Methylphenols
Concen: 30.44 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		607858		
108	92.9	67.3	107.3		
77	124.7	100.3	140.3		
79	35.0	16.2	56.2		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082770.D

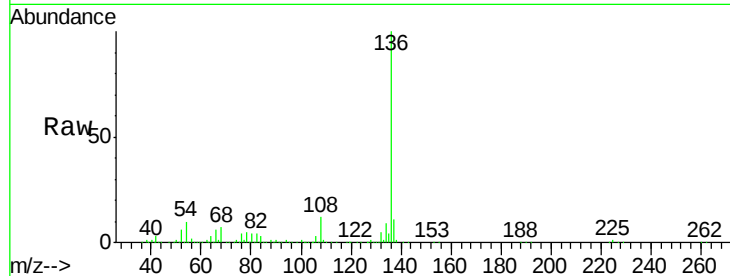
Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampled :

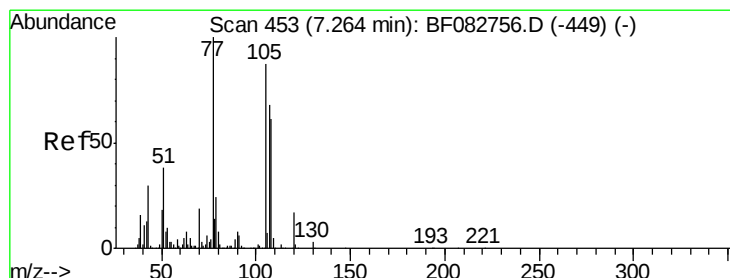
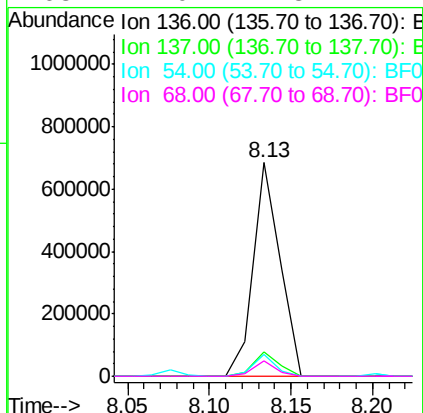
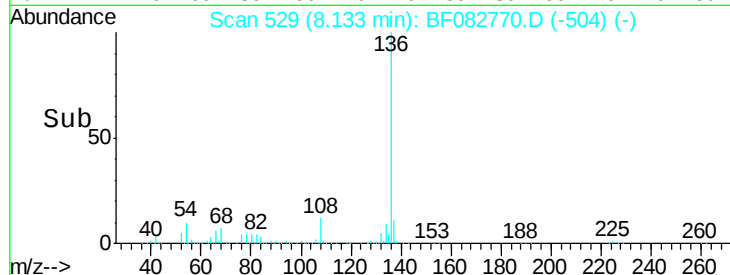
PB86463BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		780455		
137	11.4	9.1	13.7		
54	10.3	9.1	13.7		
68	7.0	4.8	7.2		

Manual Integrations
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#22

Acetophenone

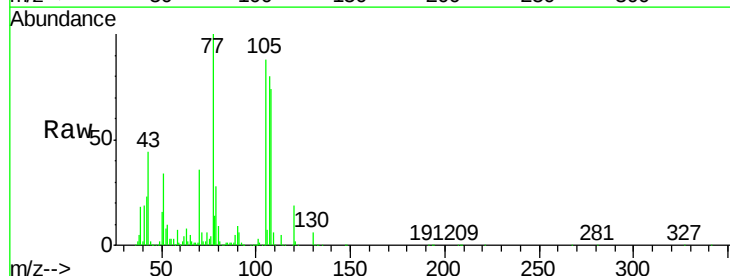
Concen: 35.76 ng

RT: 7.26 min Scan# 453

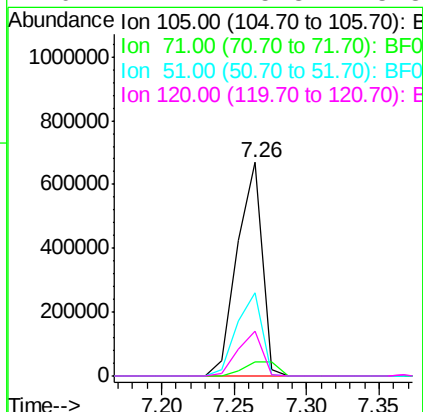
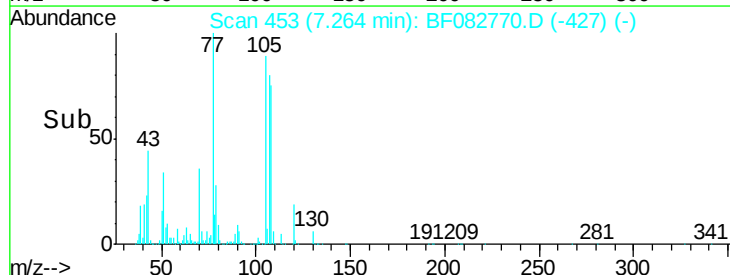
Delta R.T. 0.00 min

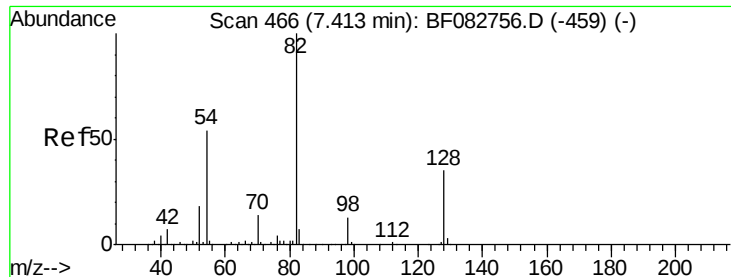
Lab File: BF082770.D

Acq: 6 Nov 2015 19:29



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		799718		
71	6.8	5.6	8.4		
51	38.8	24.9	37.3#		
120	21.2	15.8	23.8		





#23

Nitrobenzene-d5

Concen: 73.07 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion: 82 Resp: 1310529

Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.8	40.2
54	51.7	45.7	68.5

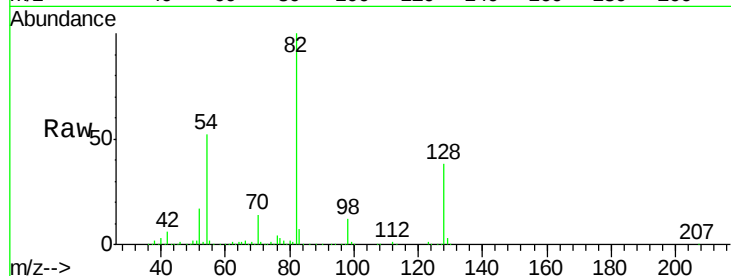
82 100

128 37.7 26.8 40.2

54 51.7 45.7 68.5

Manual Integrations
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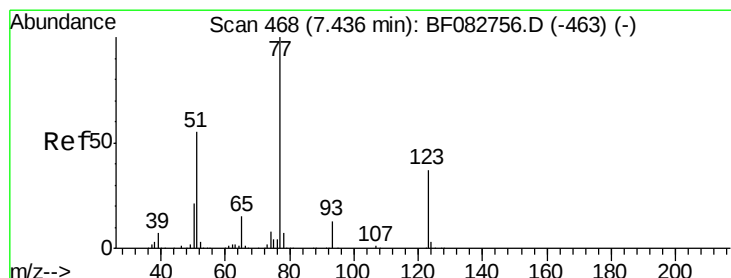
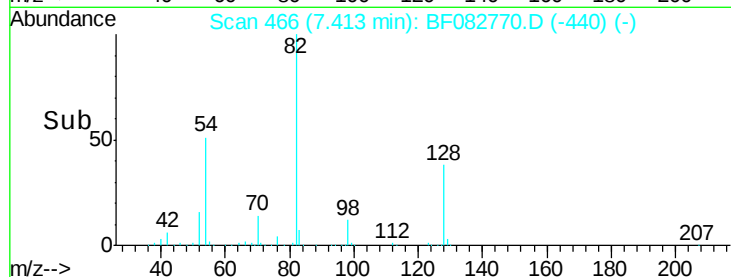
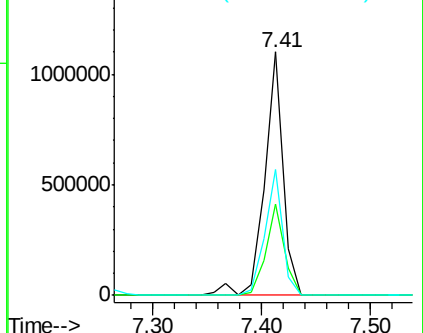
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.92 ng

RT: 7.44 min Scan# 468

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

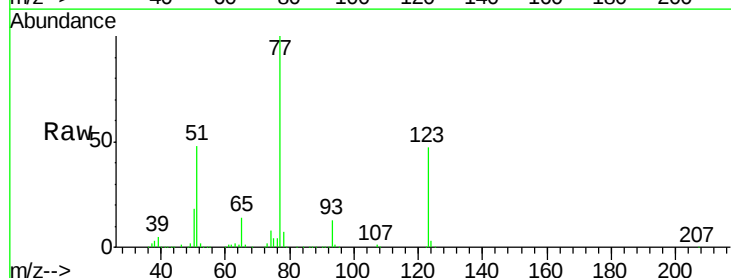
Tgt Ion: 77 Resp: 695535

Ion	Ratio	Lower	Upper
77	100		
123	46.7	36.4	54.6
65	13.9	11.5	17.3

77 100

123 46.7 36.4 54.6

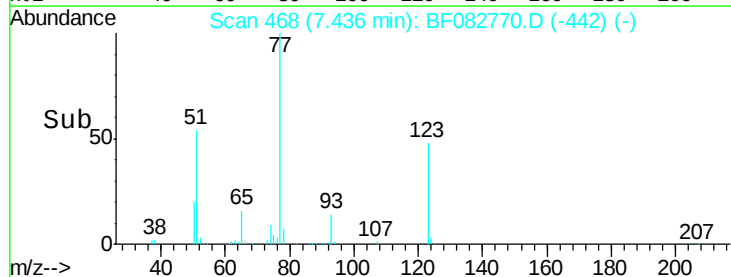
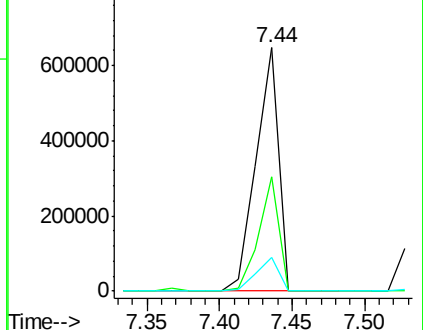
65 13.9 11.5 17.3

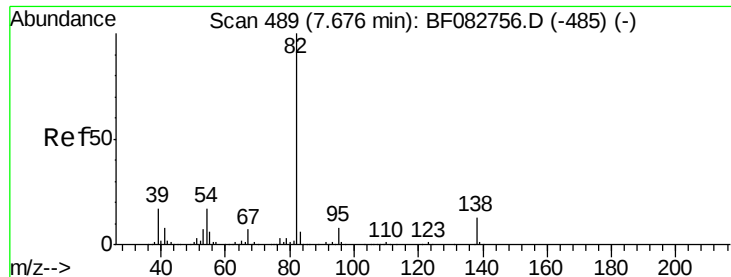


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.79 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion: 82 Resp: 1254185

Ion Ratio Lower Upper

82 100

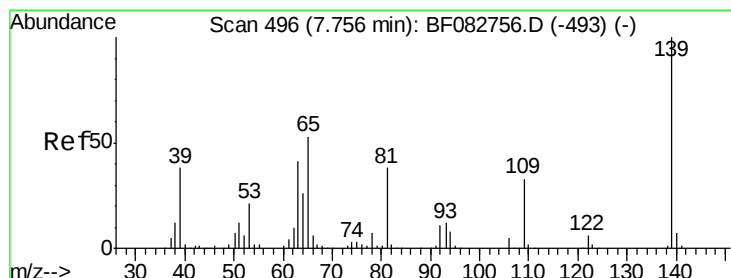
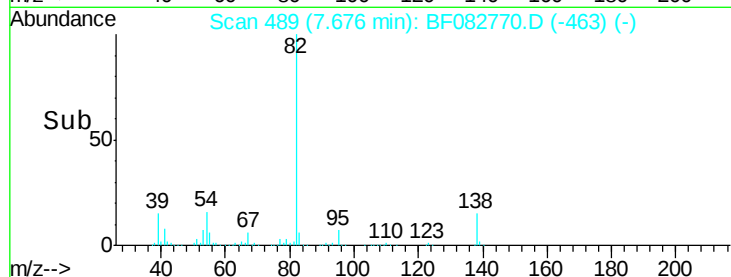
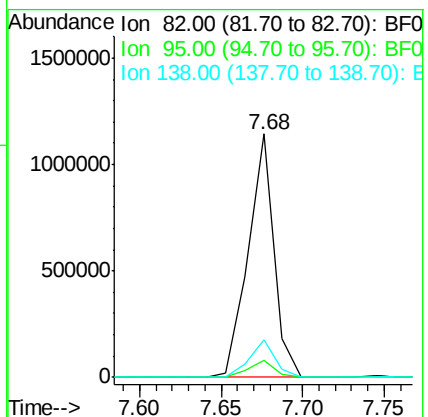
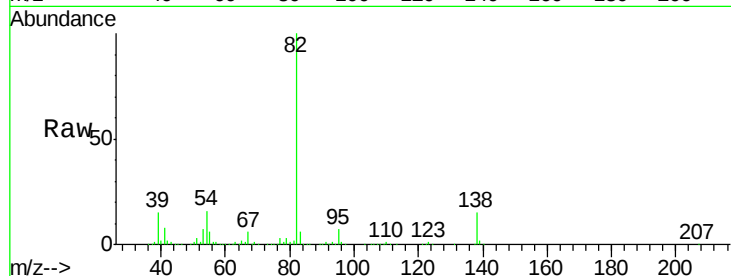
95 7.1 6.6 9.8

138 15.2 11.4 17.0

Manual Integrations
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Mmdadoda

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#26

2-Nitrophenol

Concen: 38.30 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

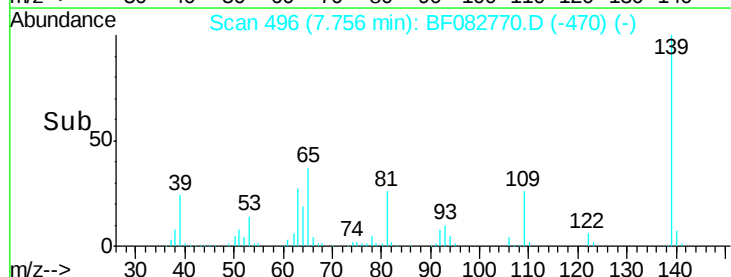
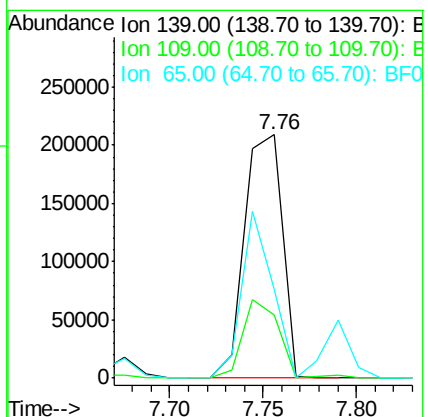
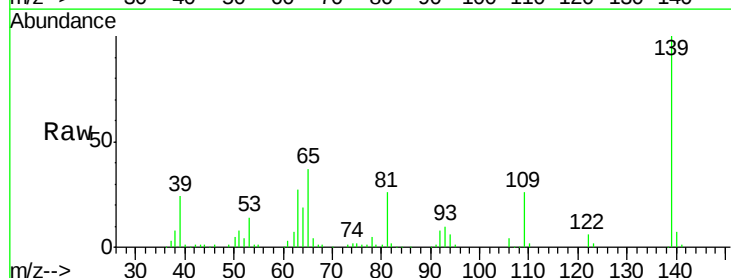
Tgt Ion: 139 Resp: 293224

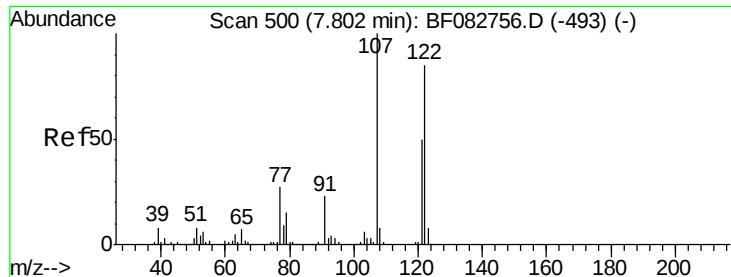
Ion Ratio Lower Upper

139 100

109 26.2 37.6 56.4#

65 36.6 70.6 105.8#





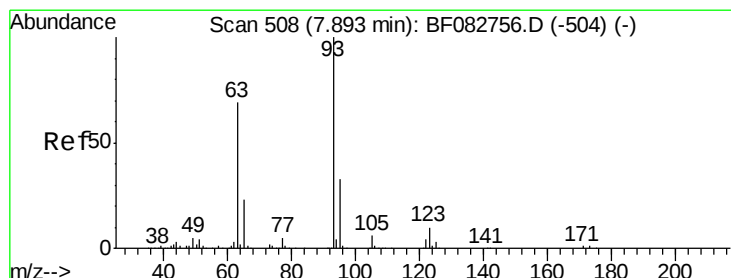
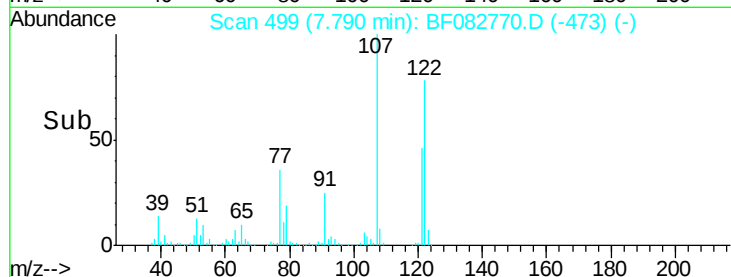
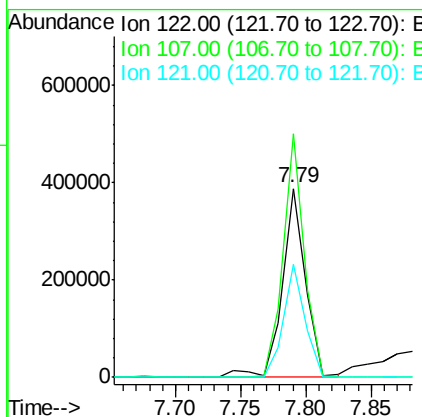
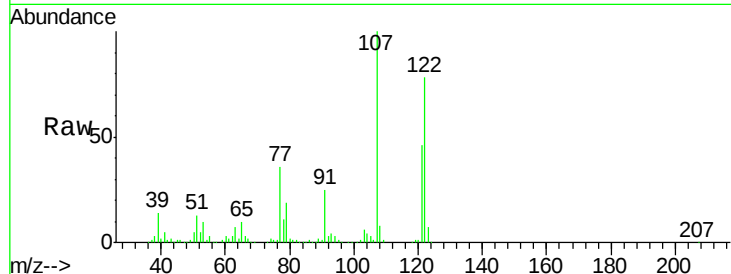
#27
 2,4-Dimethylphenol
 Concen: 35.22 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	128.9	106.0	159.0
121	59.6	46.7	70.1

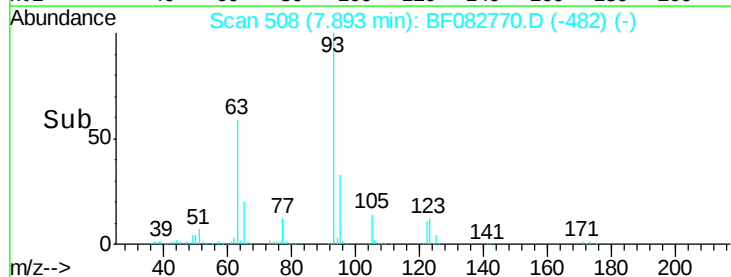
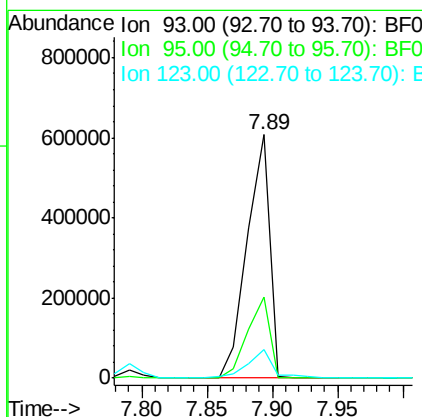
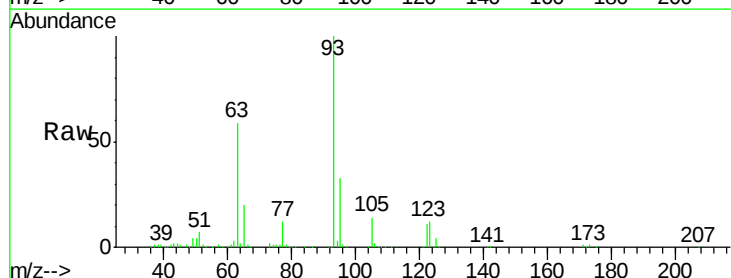
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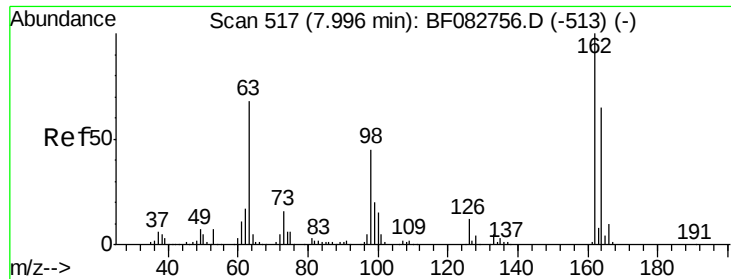
Mmdadoda
 11/9/2015 2:10:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.00 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	11.6	9.7	14.5





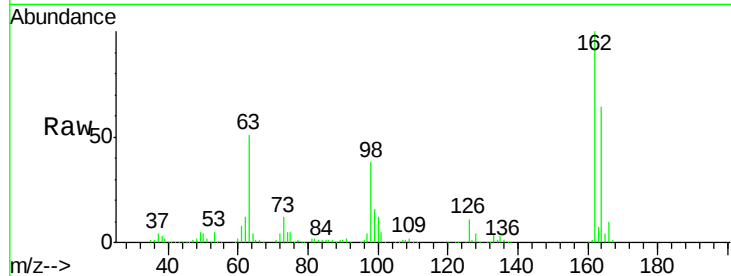
#29
2,4-Dichlorophenol
Concen: 42.55 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

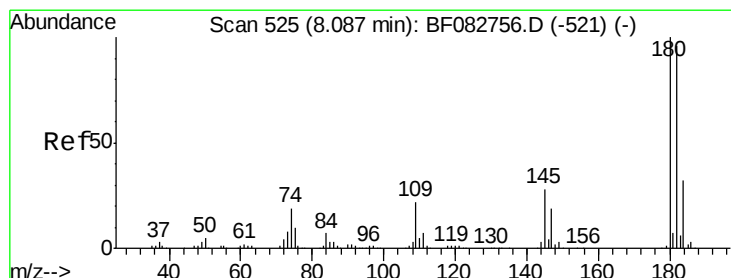
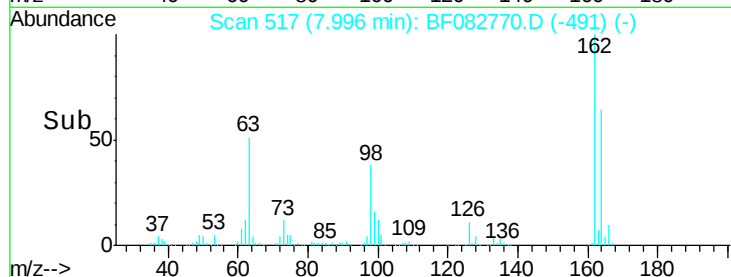
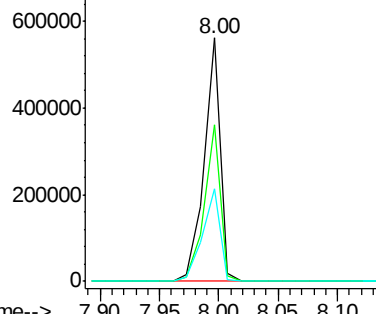
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.8	86.8
98	37.9	12.5	52.5

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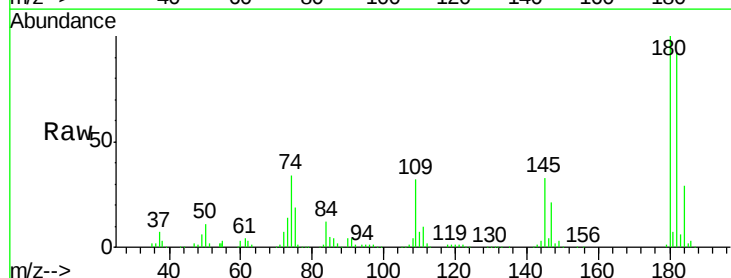


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

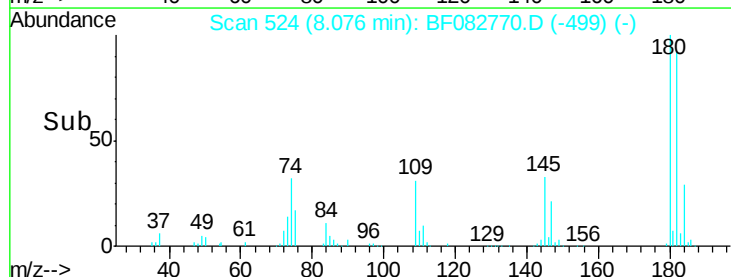
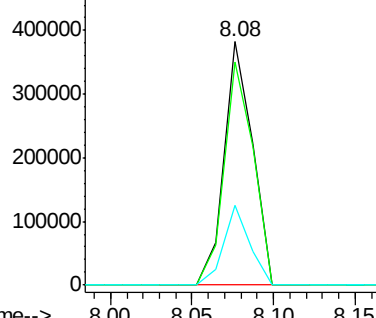


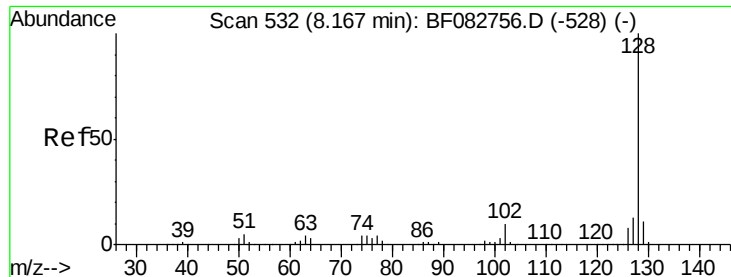
#30
1,2,4-Trichlorobenzene
Concen: 33.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	91.5	74.9	112.3
145	32.7	27.8	41.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.13 ng

RT: 8.16 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion:128 Resp: 1383568

Ion Ratio Lower Upper

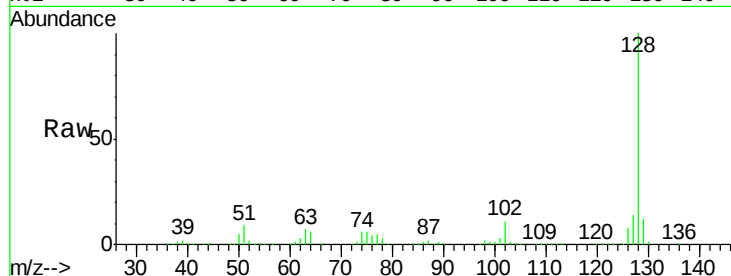
128 100

129 11.9 9.5 14.3

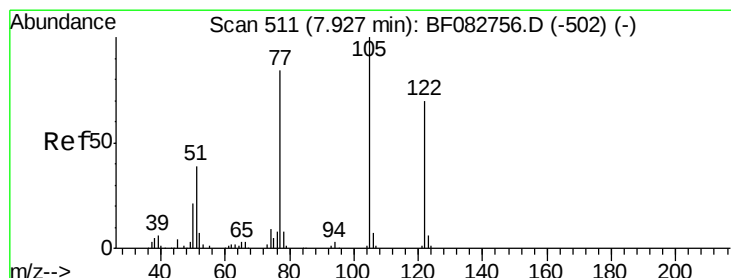
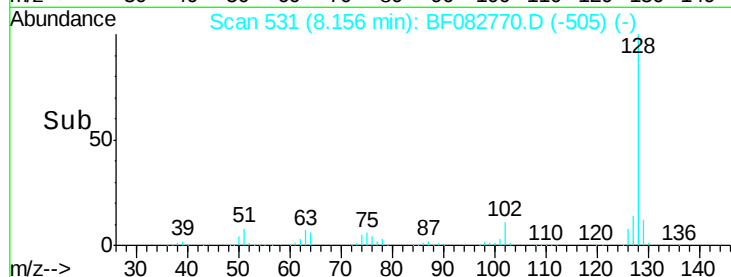
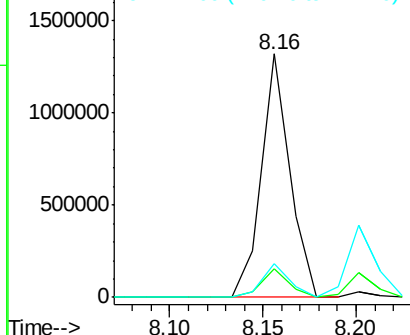
127 13.7 11.4 17.0

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



#32

Benzoic acid

Concen: 35.67 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

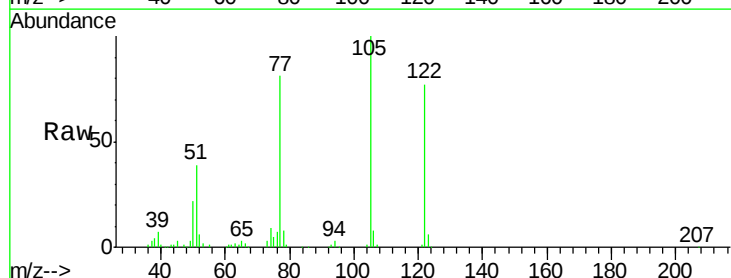
Tgt Ion:122 Resp: 335970

Ion Ratio Lower Upper

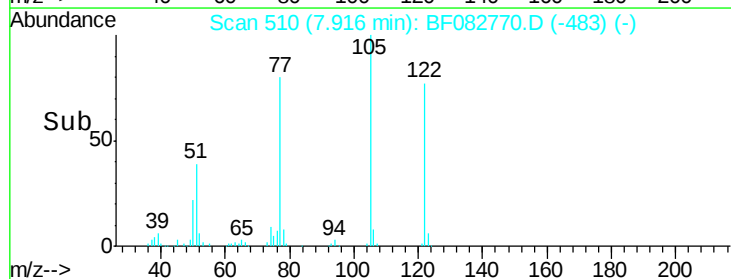
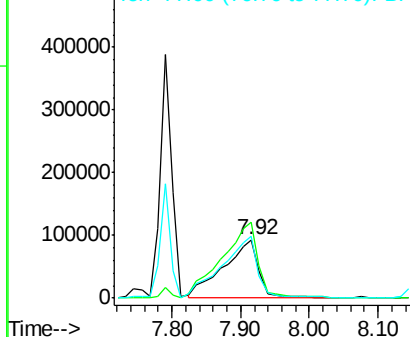
122 100

105 129.5 122.6 162.6

77 105.5 100.9 140.9



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





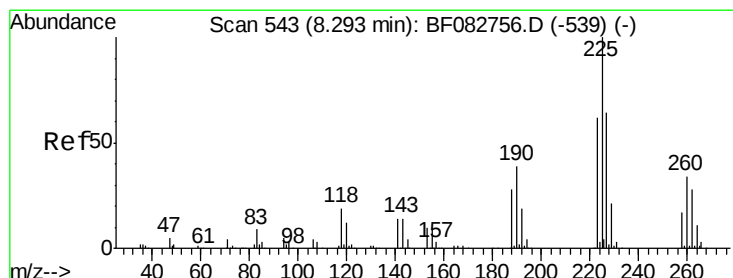
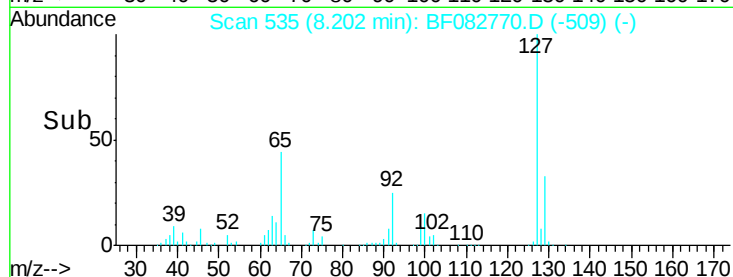
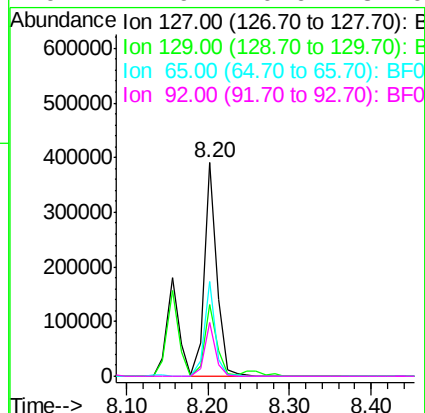
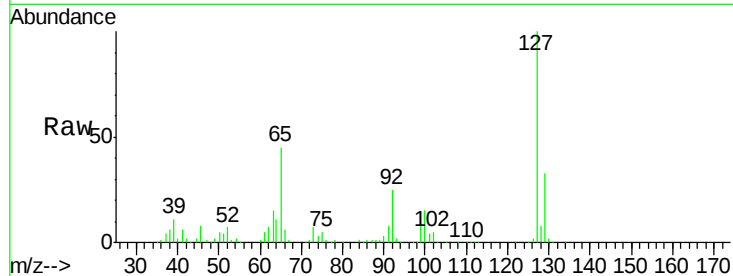
#33
4-Chloroaniline
Concen: 22.71 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
421477	127	100			
	129	33.5	26.3	39.5	
	65	44.5	37.8	56.8	
	92	24.9	20.6	31.0	

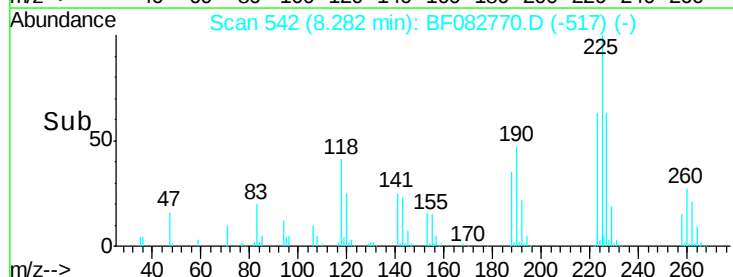
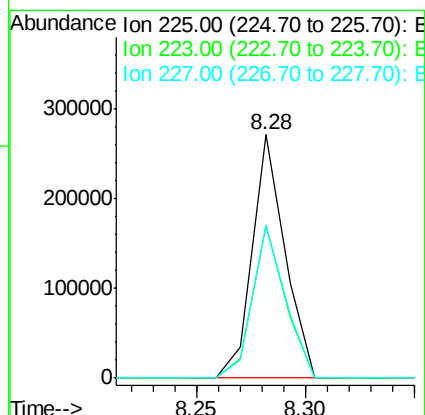
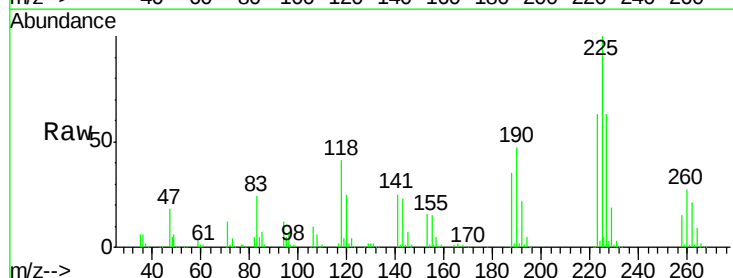
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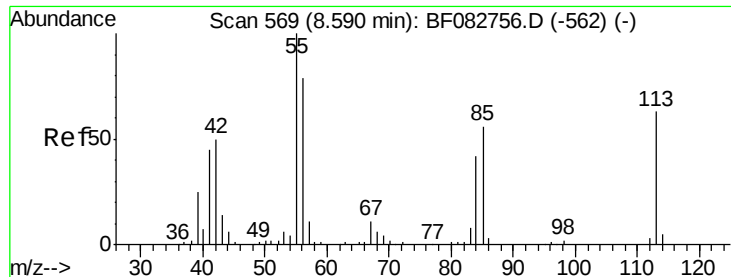
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#34
Hexachlorobutadiene
Concen: 32.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
282316	225	100			
	223	62.7	50.5	75.7	
	227	62.8	50.2	75.2	





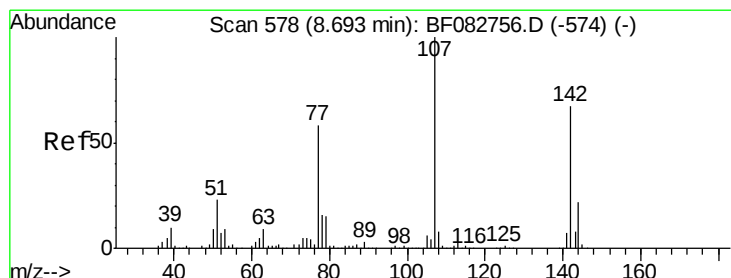
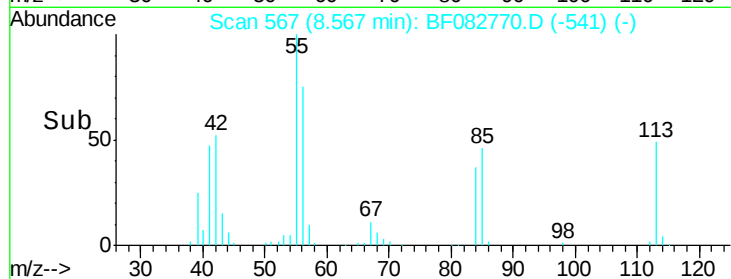
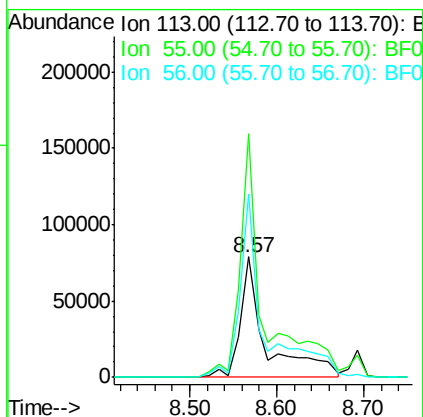
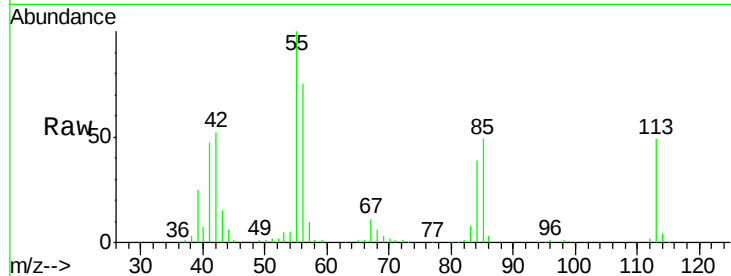
#35
Caprolactam
Concen: 40.99 ng
RT: 8.57 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	202.2		195.5	235.5	
56	152.6		153.5	193.5	

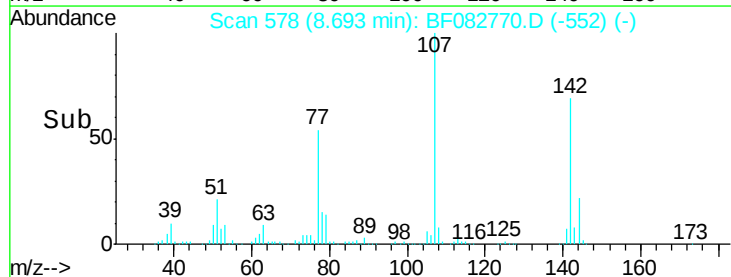
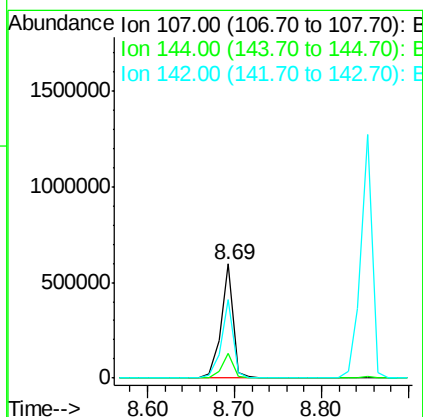
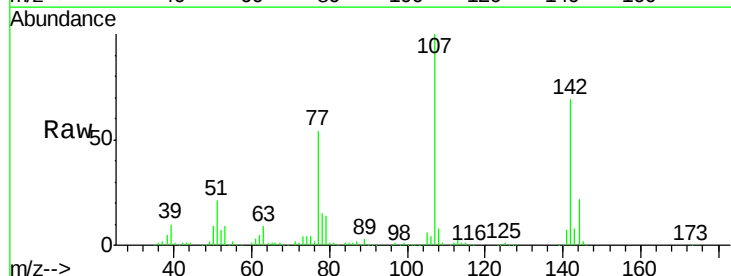
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#36
4-Chloro-3-methylphenol
Concen: 40.21 ng
RT: 8.69 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.0		15.4	23.0	
142	69.3		47.8	71.8	





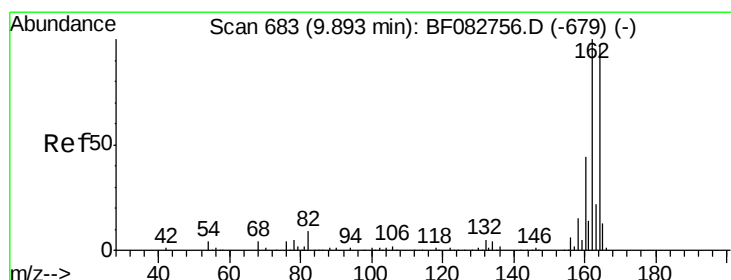
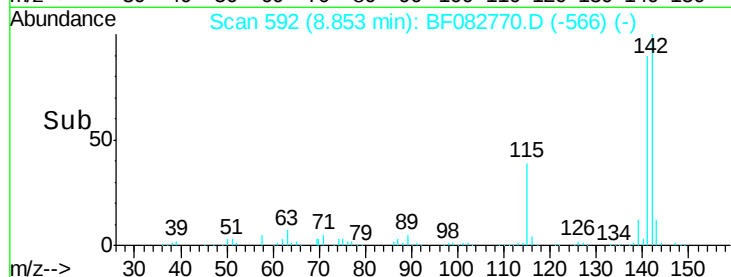
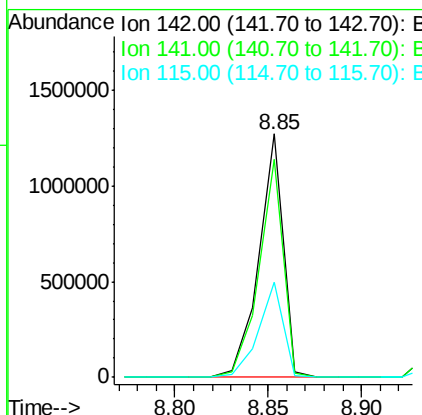
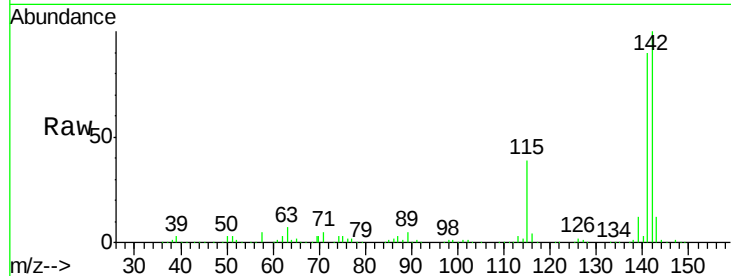
#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.3	108.5
115	38.8	38.1	57.1

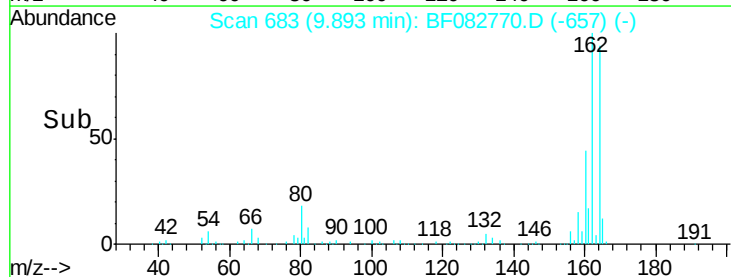
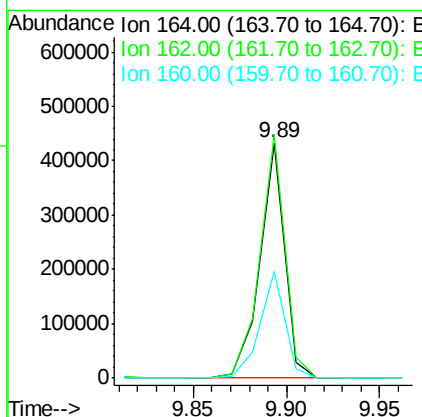
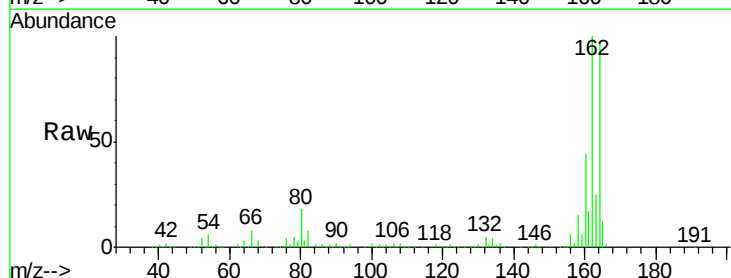
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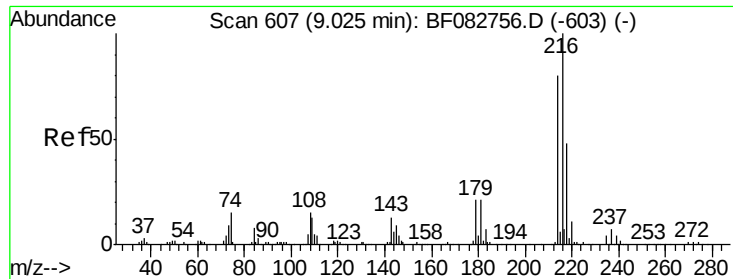
Mmdadoda
11/9/2015 2:10:30 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	84.9	127.3
160	45.2	37.5	56.3





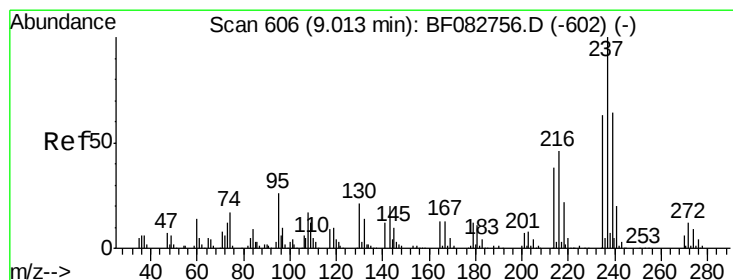
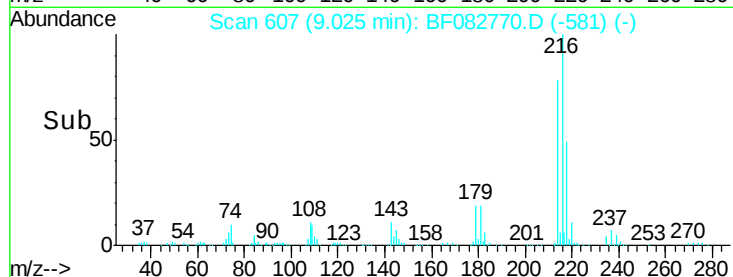
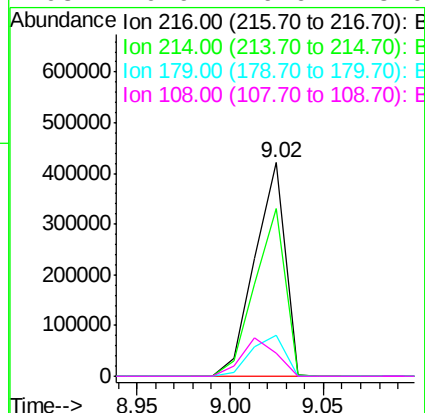
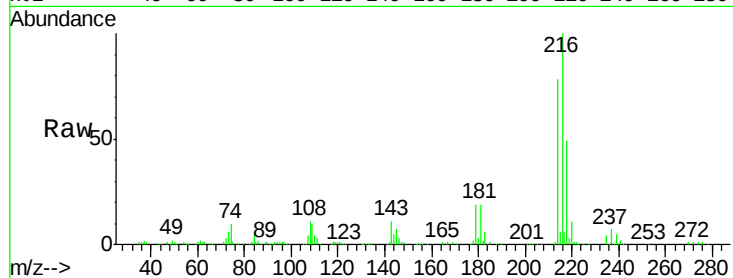
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.66 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		473380		
214	78.8	62.2	93.2		
179	21.2	18.1	27.1		
108	20.9	16.6	25.0		

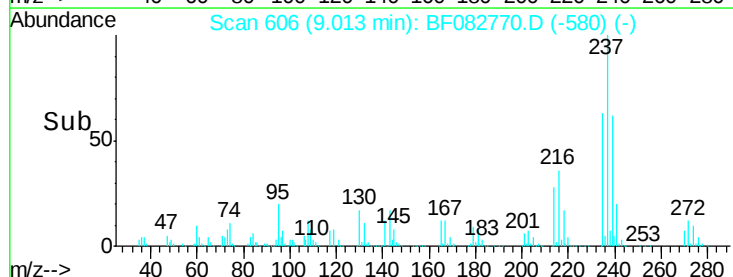
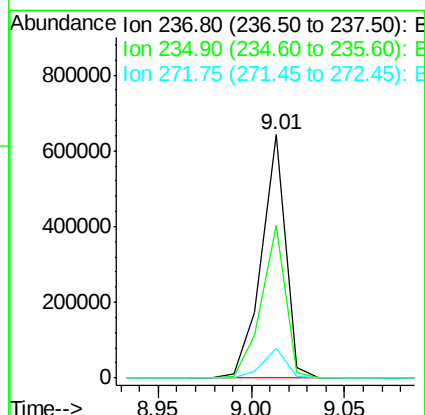
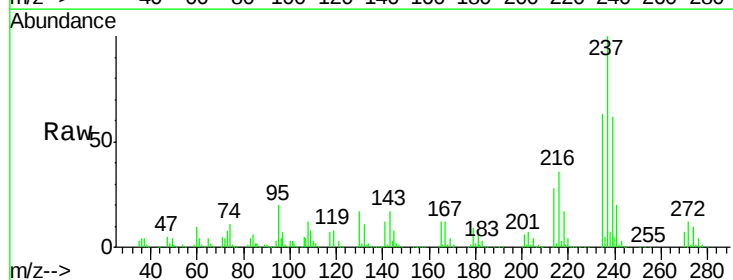
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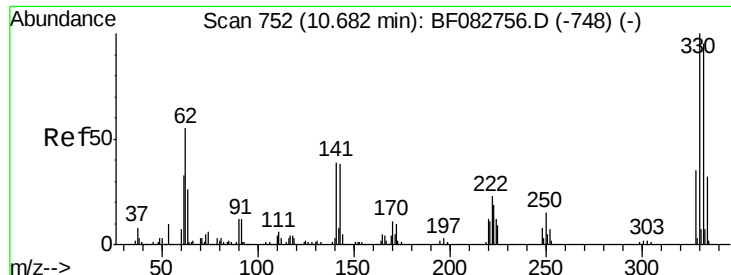
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#40
 Hexachlorocyclopentadiene
 Concen: 84.35 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		585137		
235	63.0	44.3	84.3		
272	12.4	0.0	31.9		





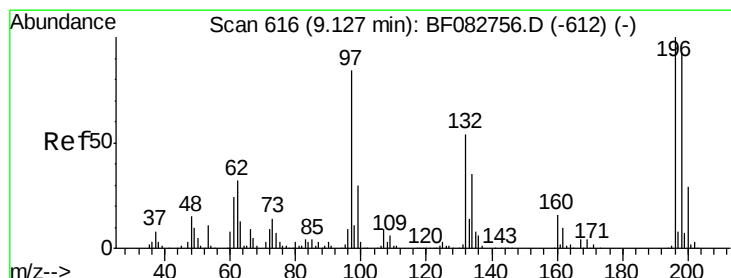
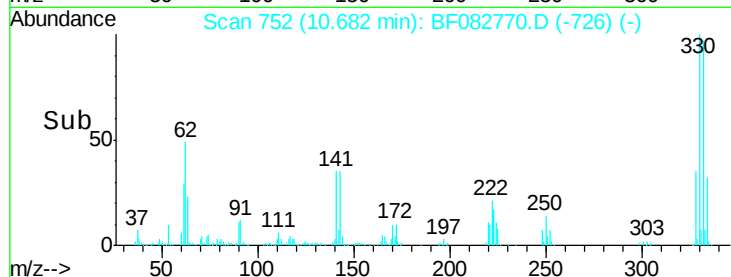
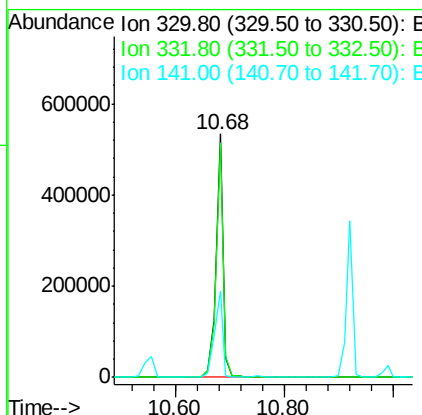
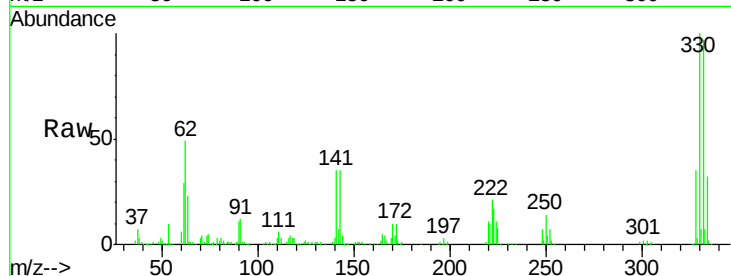
#41
 2,4,6-Tribromophenol
 Concen: 111.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	504036		
332	96.4	76.6	114.8	
141	40.2	41.2	61.8	

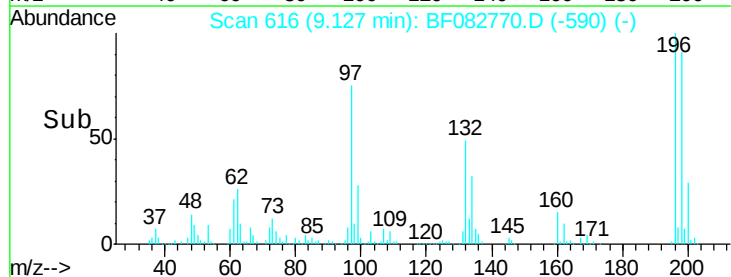
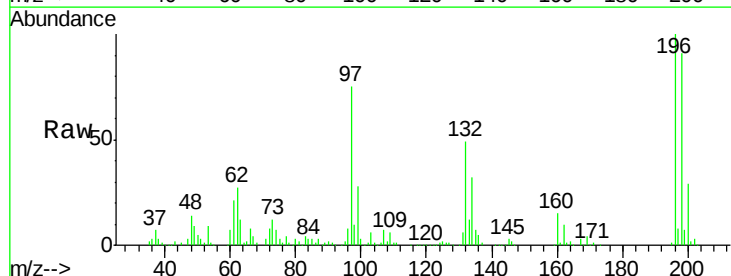
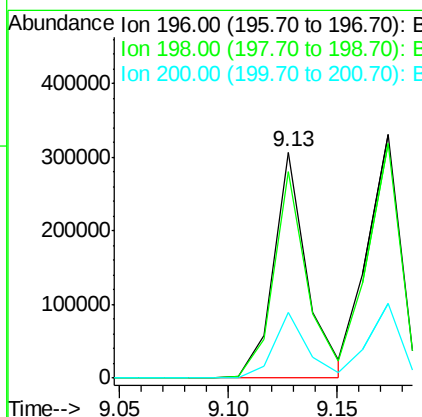
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 34.31 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

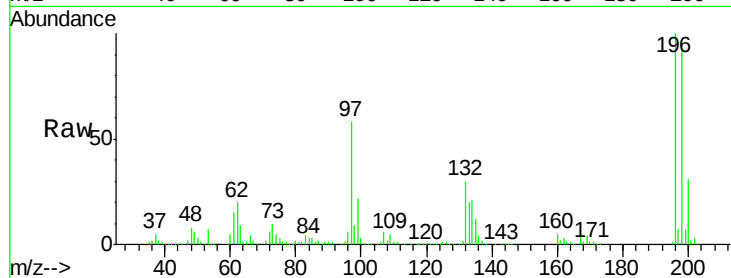
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	330653		
198	91.3	76.3	114.5	
200	29.1	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 37.33 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

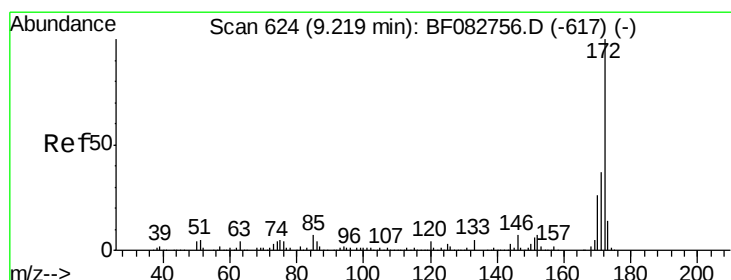
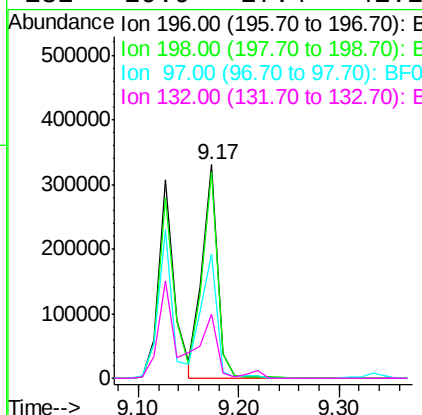
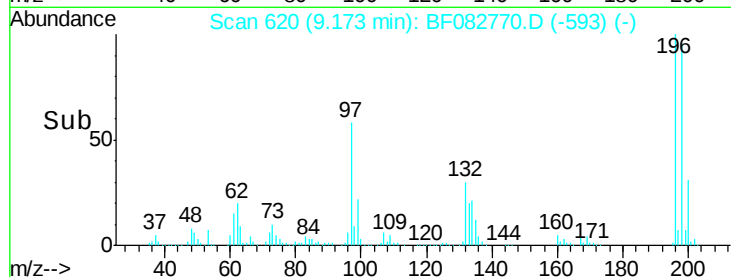
Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		355857		
198	96.4		75.8	113.8	
97	58.4		62.3	93.5#	
132	29.9		27.4	41.2	

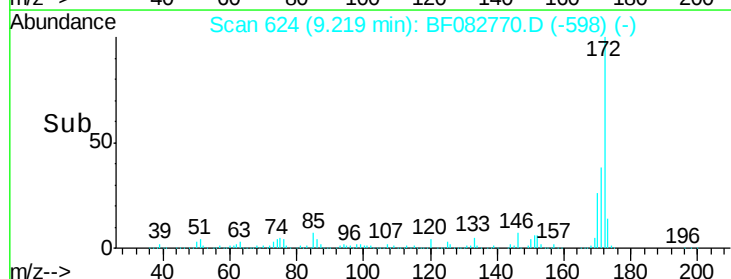
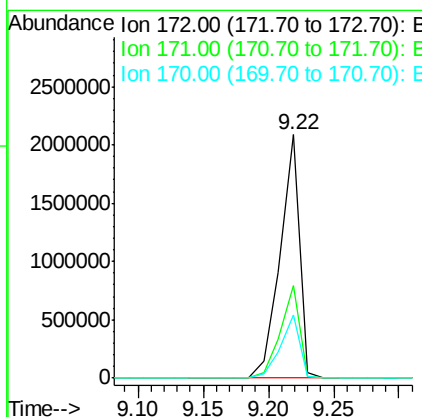
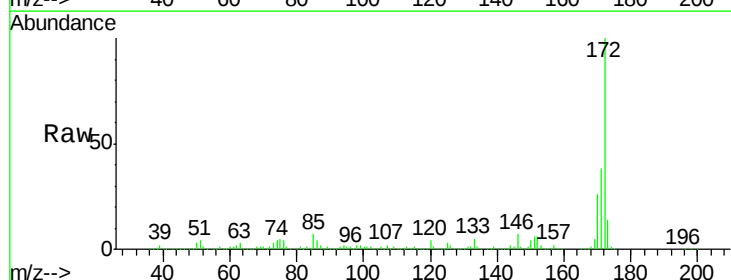
Manual Integrations
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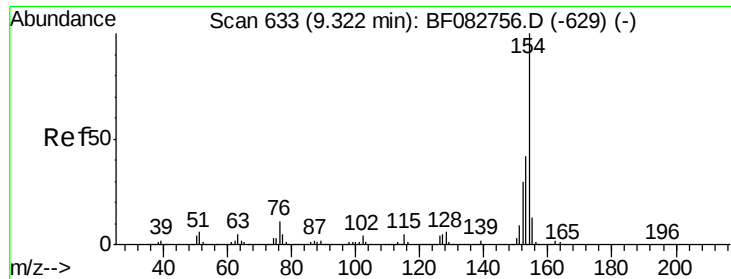
Mmdadoda
 11/9/2015 2:10:30 PM



#44
 2-Fluorobiphenyl
 Concen: 79.74 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		2186099		
171	38.0		30.8	46.2	
170	25.9		21.2	31.8	





#45

1,1'-Biphenyl

Concen: 38.83 ng

RT: 9.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion:154 Resp: 1309047

Ion Ratio Lower Upper

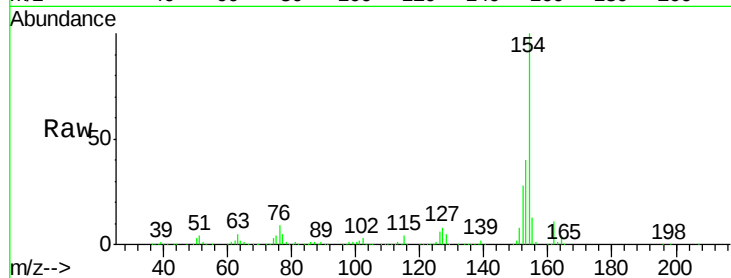
154 100

153 40.0 22.0 62.0

76 8.9 0.0 29.0

Manual Integrations
APPROVED

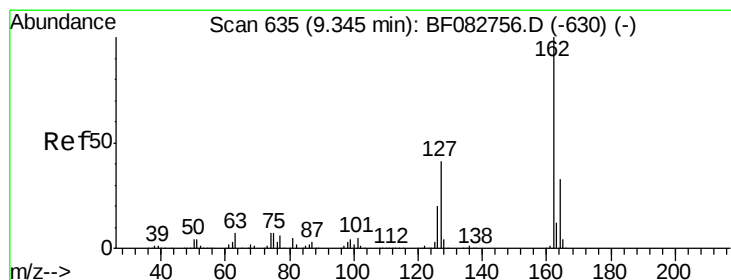
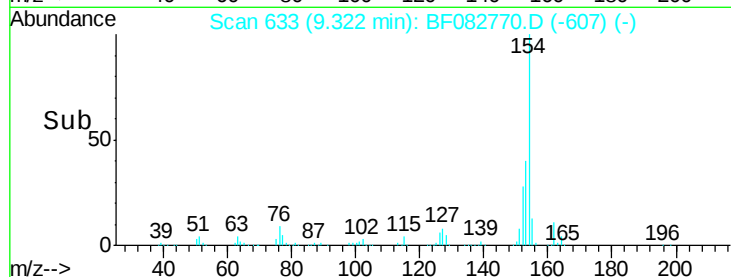
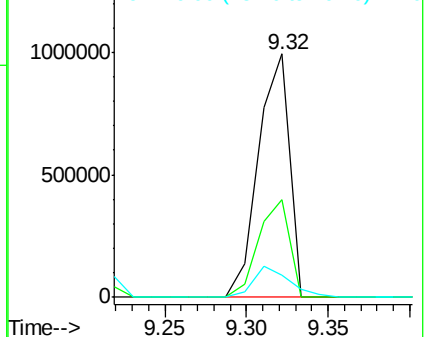
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.97 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

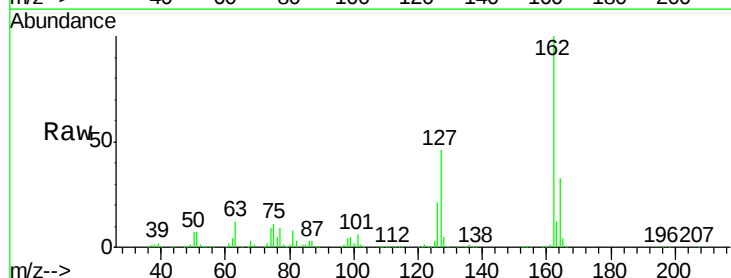
Tgt Ion:162 Resp: 1051111

Ion Ratio Lower Upper

162 100

127 45.6 32.7 49.1

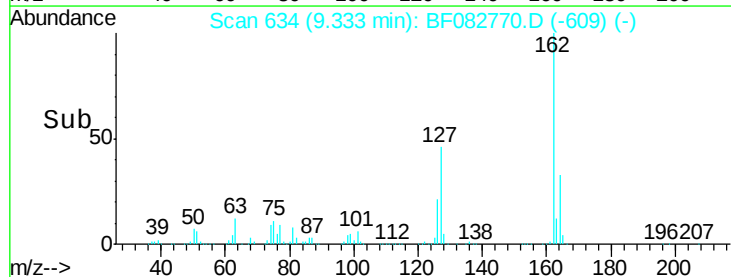
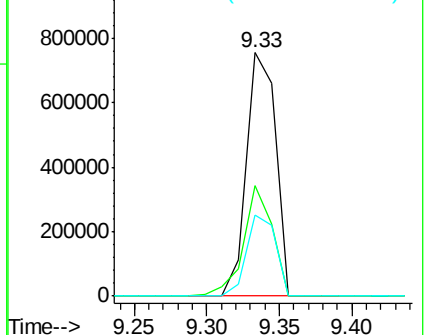
164 33.1 27.4 41.0

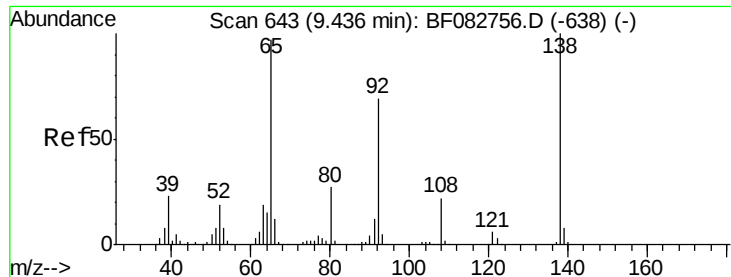


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.54 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

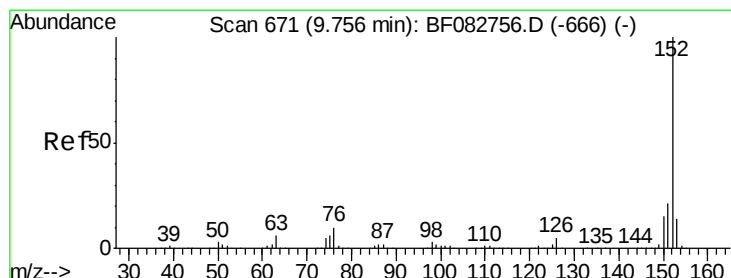
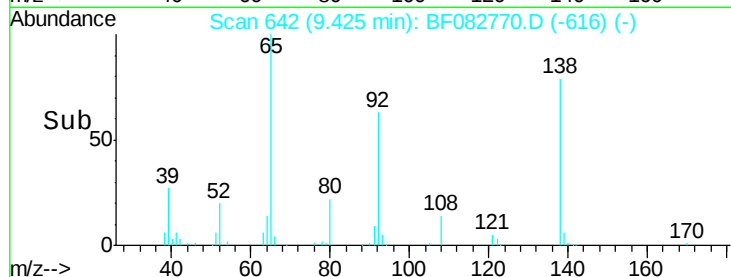
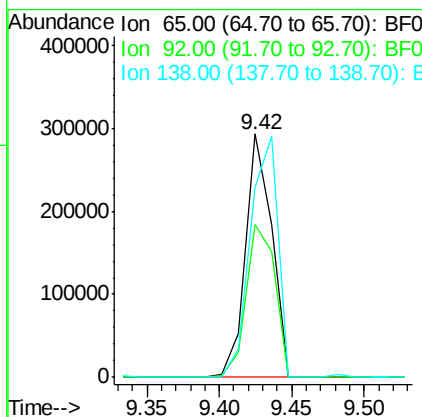
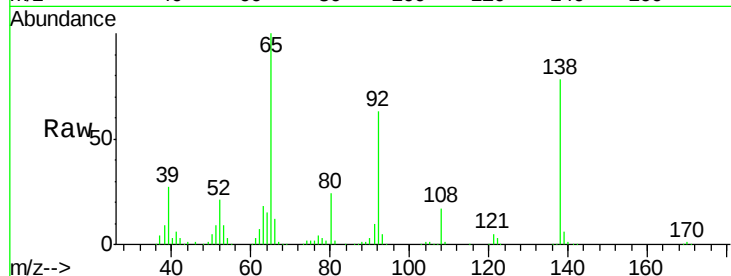
ClientSampleId :

PB86463BS

Tot Ion:	65	Resp:	366224
Ion Ratio	Lower	Upper	
65	100		
92	62.6	46.6	70.0
138	78.1	54.6	81.8

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#48

Acenaphthylene

Concen: 39.13 ng

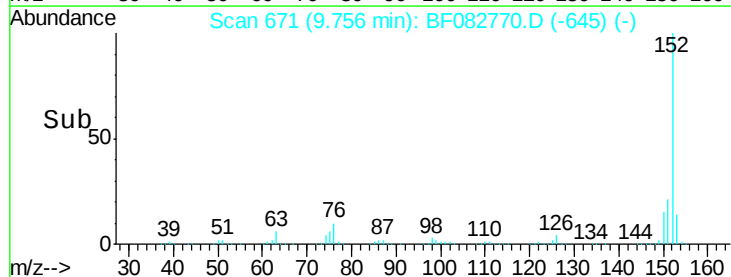
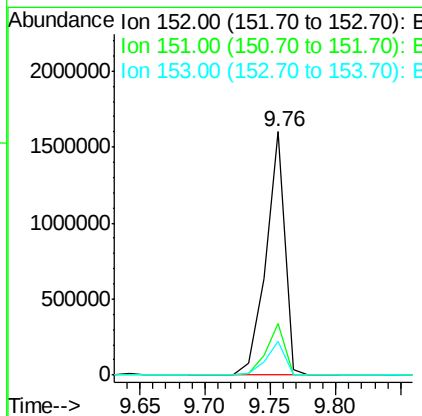
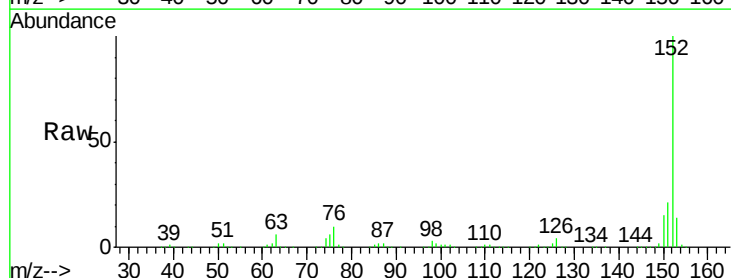
RT: 9.76 min Scan# 671

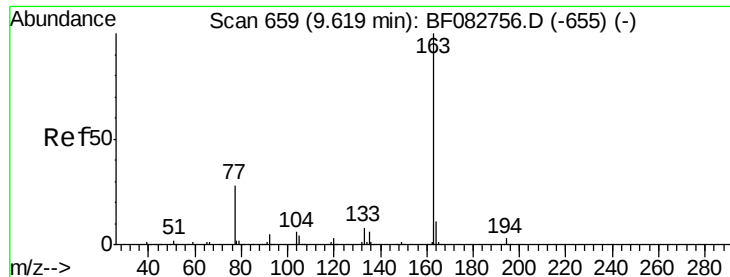
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	152	Resp:	1612901
Ion Ratio	Lower	Upper	
152	100		
151	21.1	17.3	25.9
153	13.9	11.3	16.9





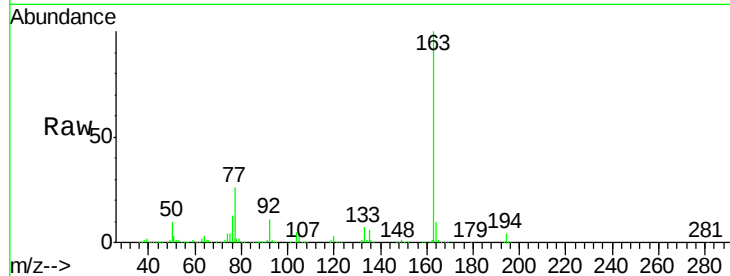
#49
Dimethylphthalate
Concen: 41.36 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

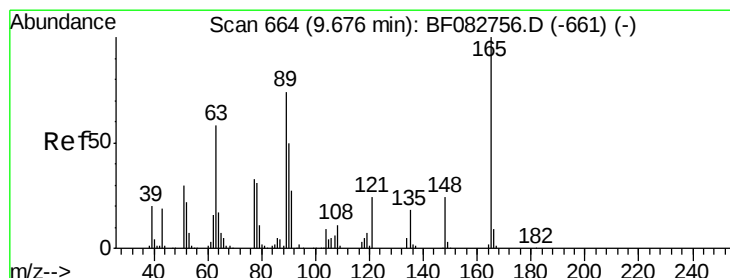
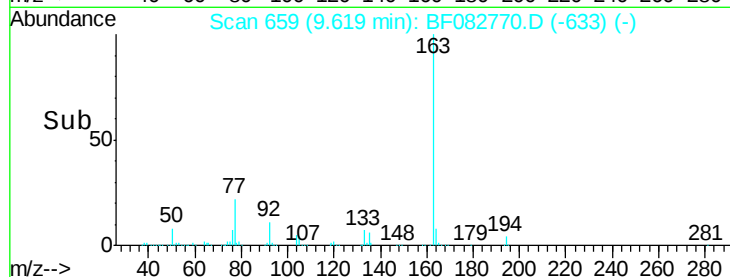
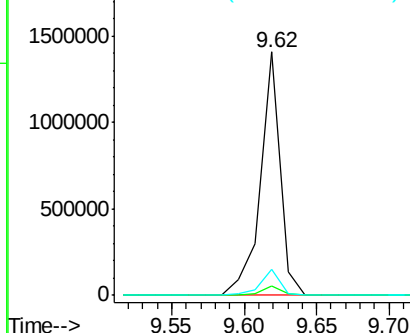
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.5	8.7	13.1

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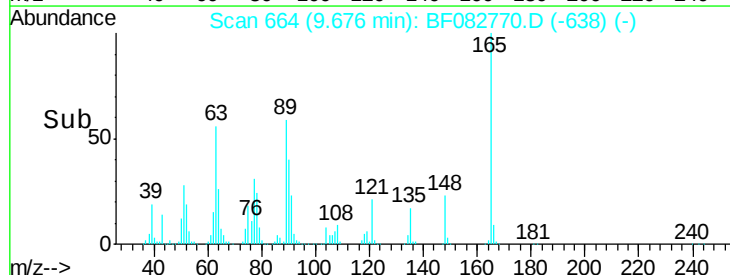
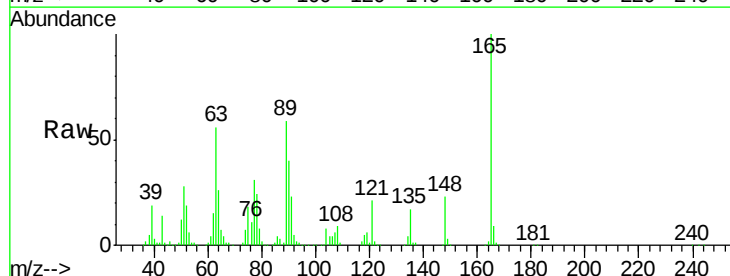
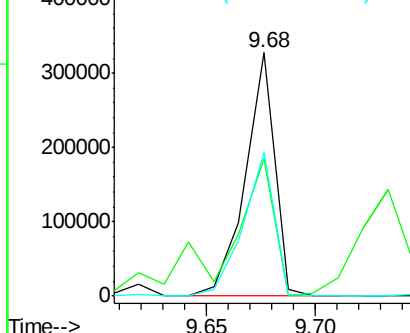
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

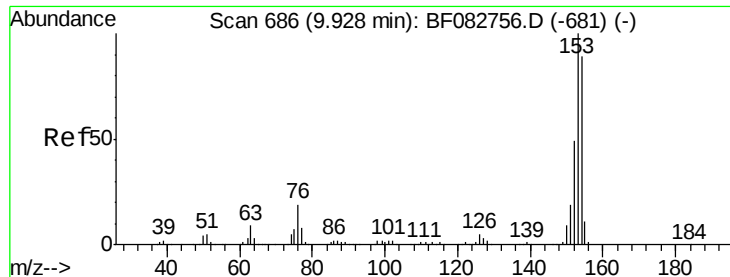


#50
2,6-Dinitrotoluene
Concen: 44.75 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.4	55.5	83.3
89	59.1	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: 42.26 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion:154 Resp: 1103787

Ion Ratio Lower Upper

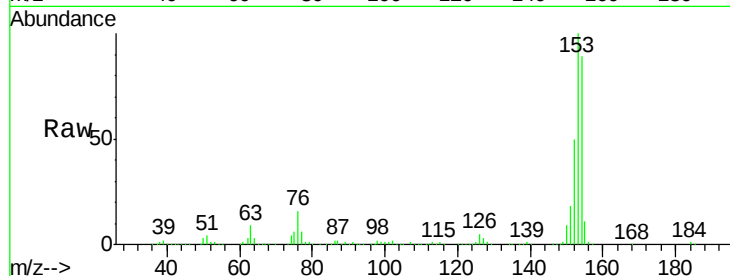
154 100

153 112.3 90.1 135.1

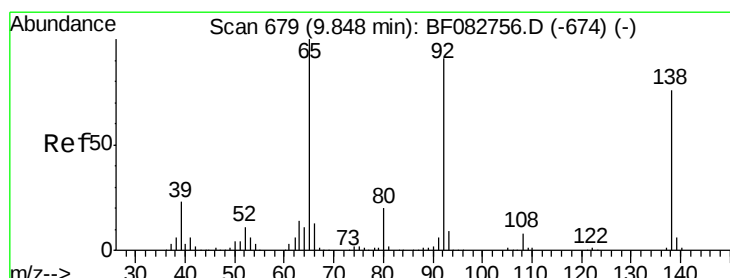
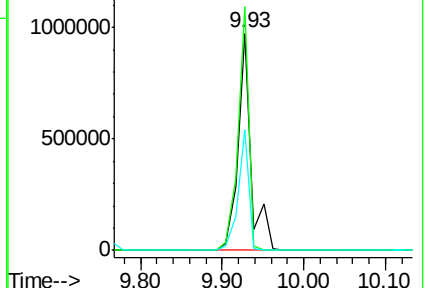
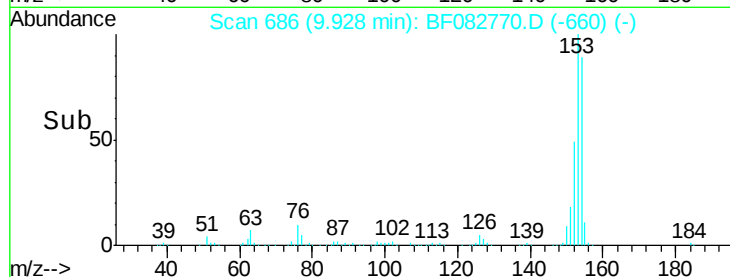
152 55.6 44.3 66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.63 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

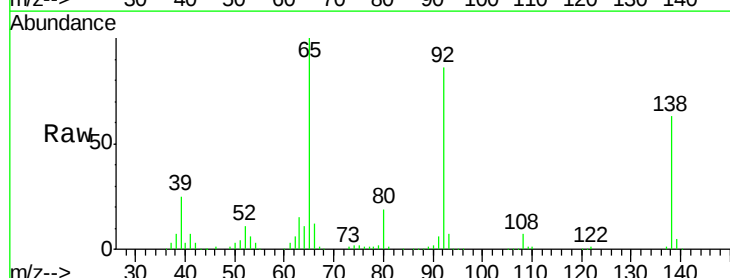
Tgt Ion:138 Resp: 193609

Ion Ratio Lower Upper

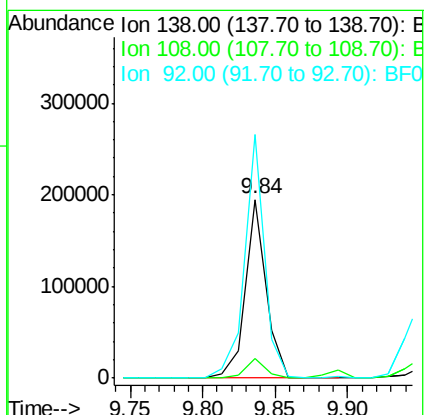
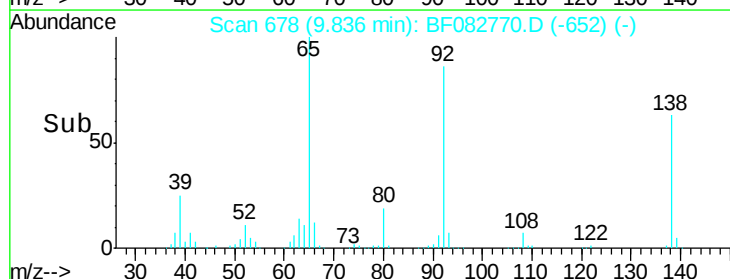
138 100

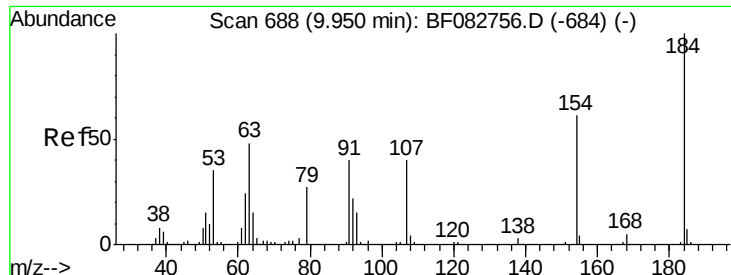
108 11.3 11.3 16.9

92 136.1 122.4 183.6



Abundance Ion 138.00 (137.70 to 138.70): E
300000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





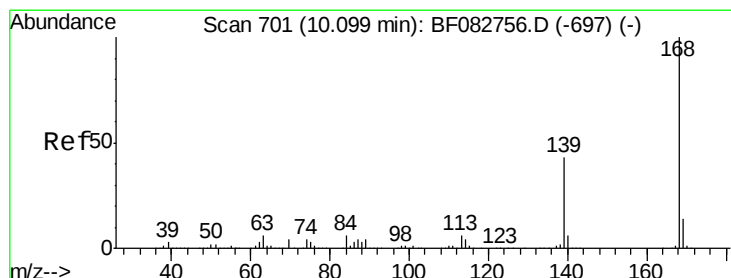
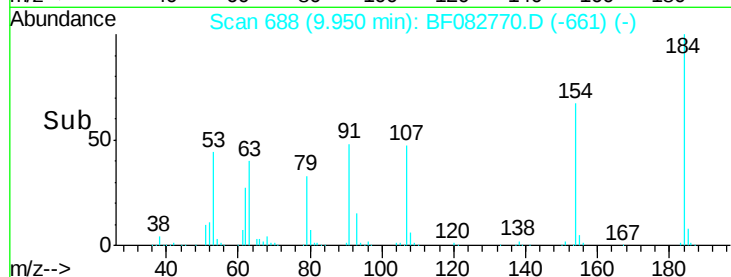
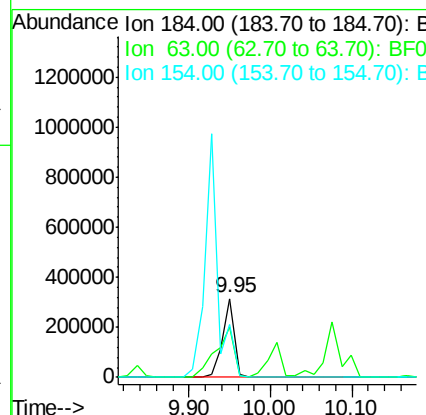
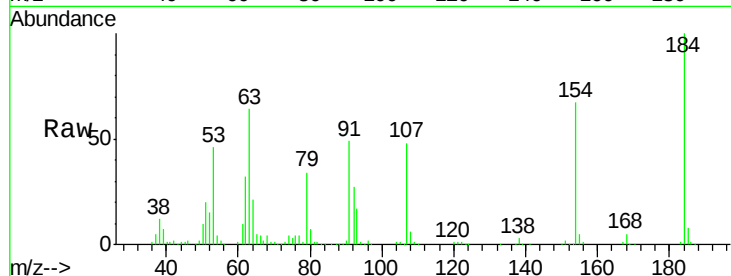
#53
 2,4-Dinitrophenol
 Concen: 84.11 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	317191		
63	63.6	98.6	148.0#	
154	67.1	183.9	275.9#	

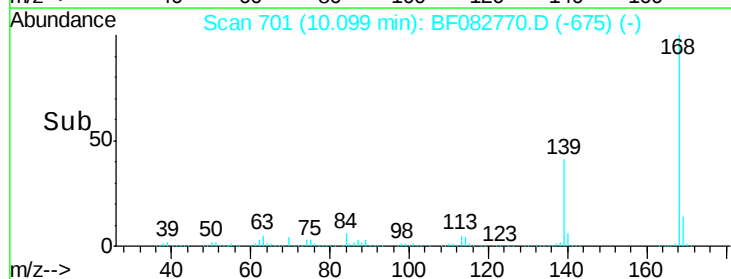
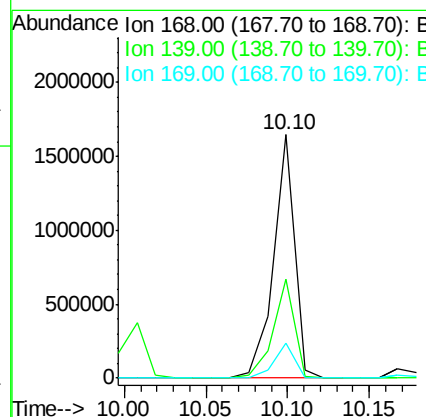
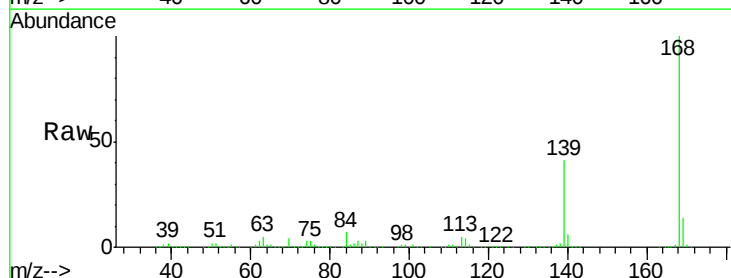
Manual Integrations
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 11/9/2015 2:10:30 PM



#54
 Dibenzofuran
 Concen: 42.18 ng
 RT: 10.10 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1485481		
139	40.9	37.8	56.6	
169	14.1	11.3	16.9	





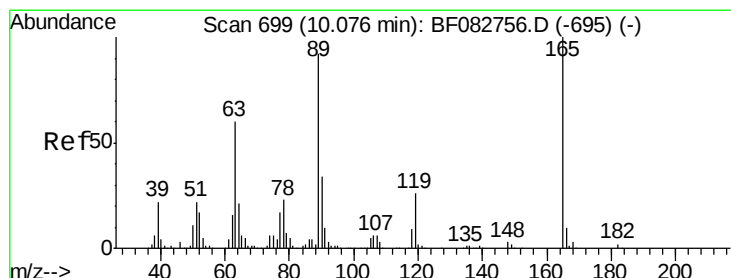
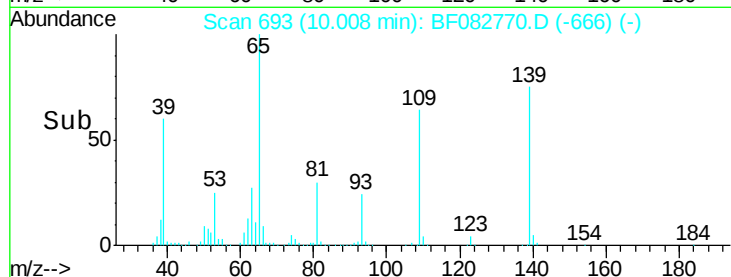
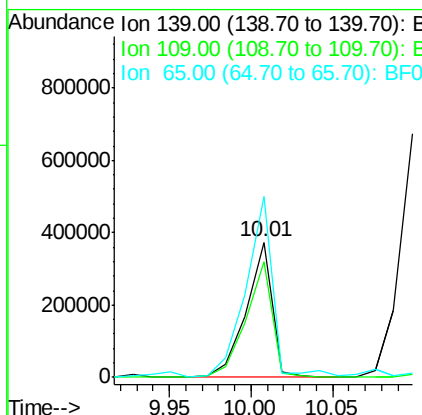
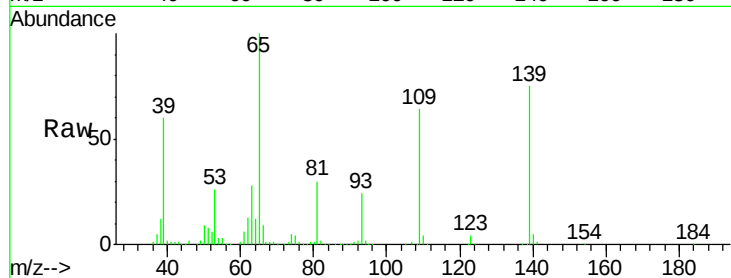
#55
4-Nitrophenol
Concen: 72.19 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	85.7	73.7	113.7
65	134.2	82.9	122.9

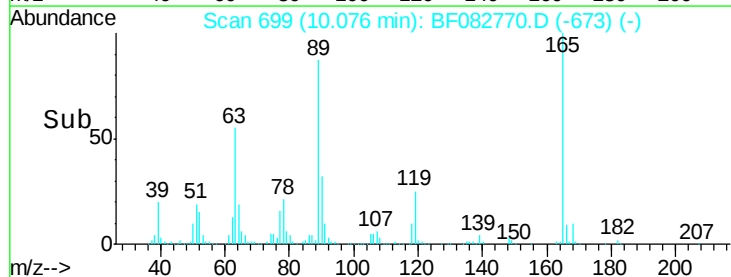
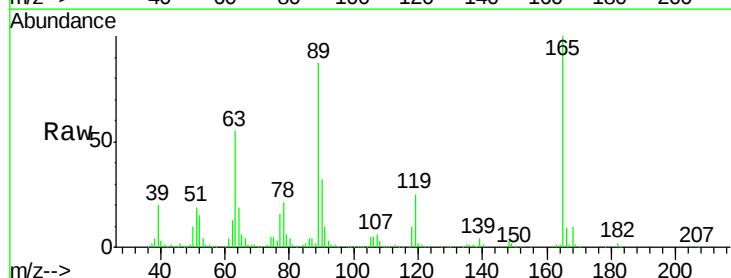
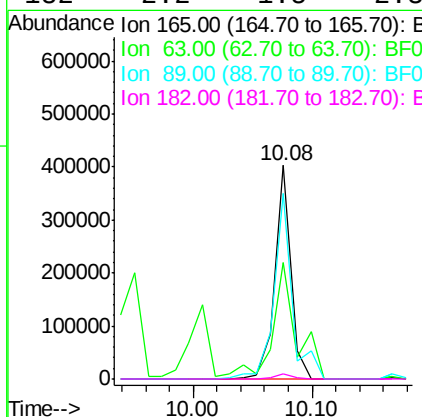
Manual Integrations
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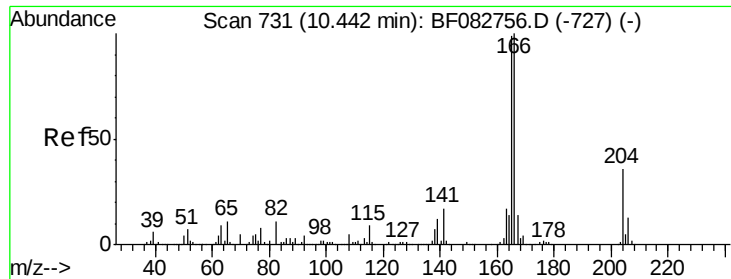
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11/9/2015 2:10:30 PM



#56
2,4-Dinitrotoluene
Concen: 40.81 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	43.4	65.0
89	87.0	70.6	106.0
182	2.2	1.5	2.3





#57

Fluorene

Concen: 40.62 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

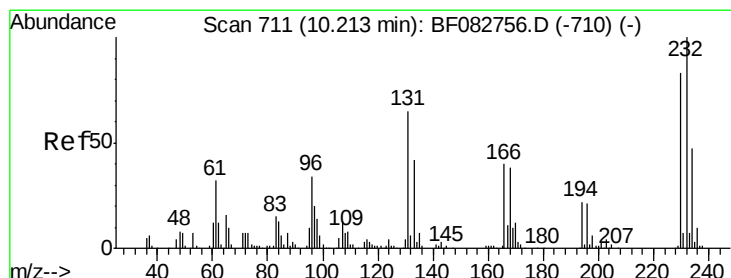
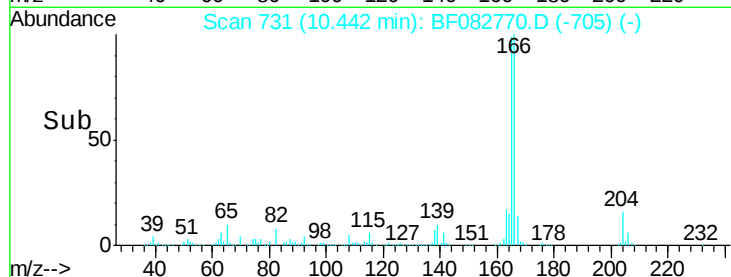
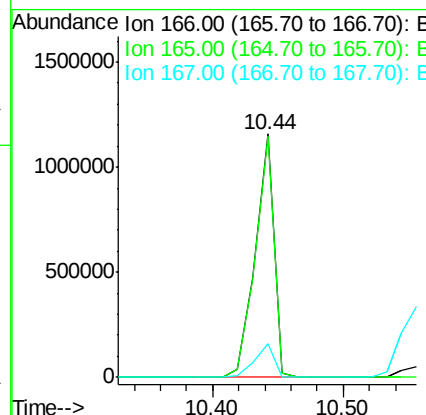
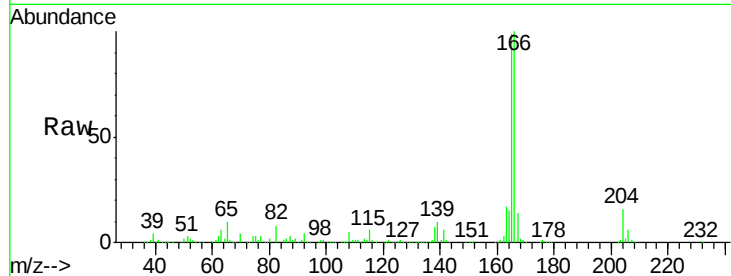
ClientSampleId :

PB86463BS

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Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	13.7	11.2	16.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.64 ng

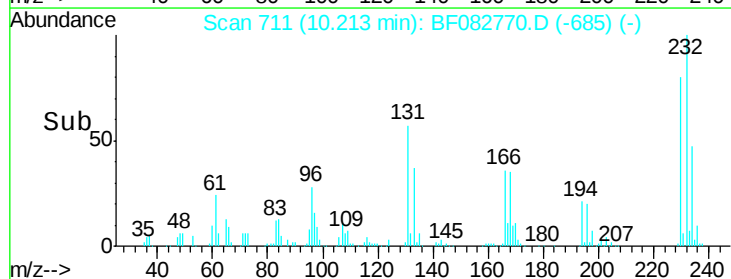
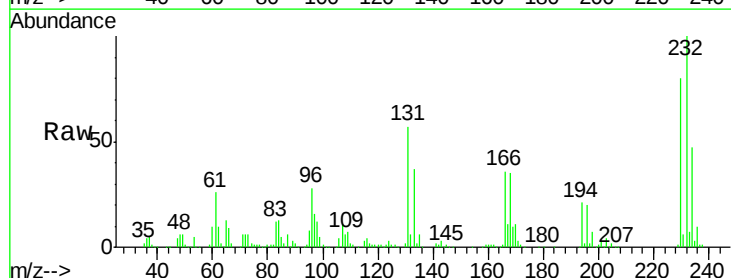
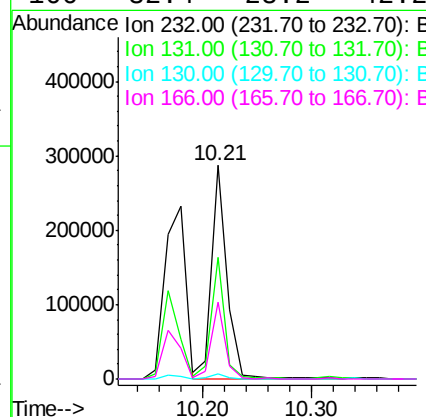
RT: 10.21 min Scan# 711

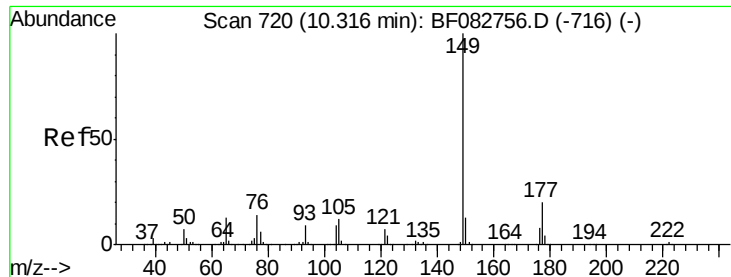
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.2	46.2	69.2
130	2.2	2.4	3.6
166	32.4	28.2	42.2





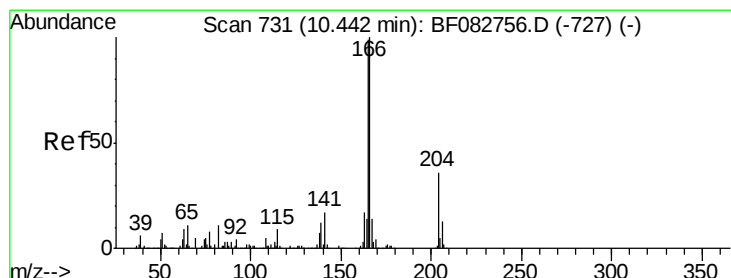
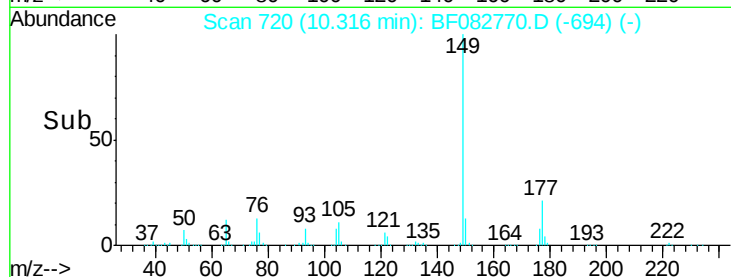
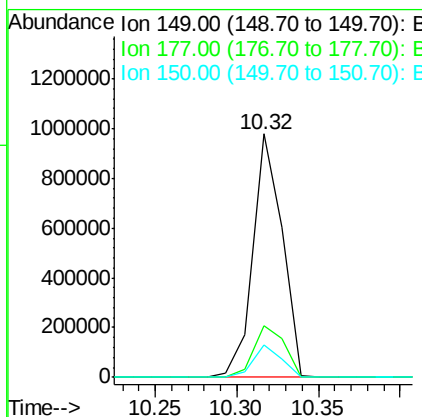
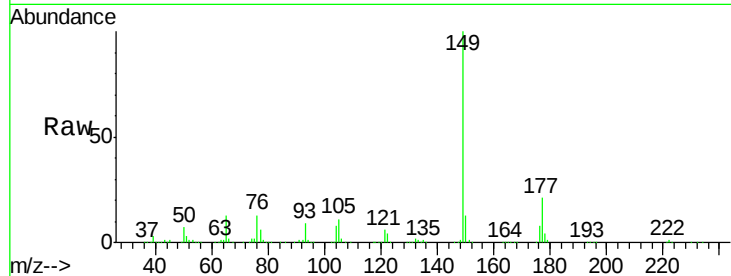
#59
Diethylphthalate
Concen: 38.65 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.9	26.9
150	13.1	10.1	15.1

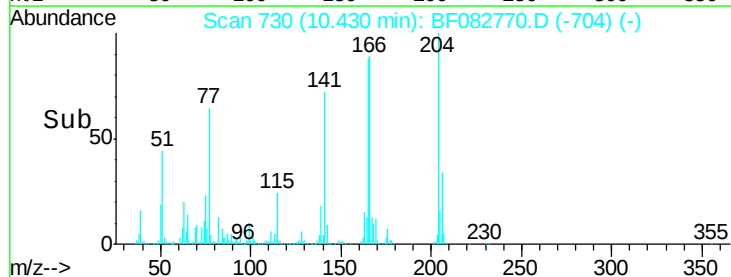
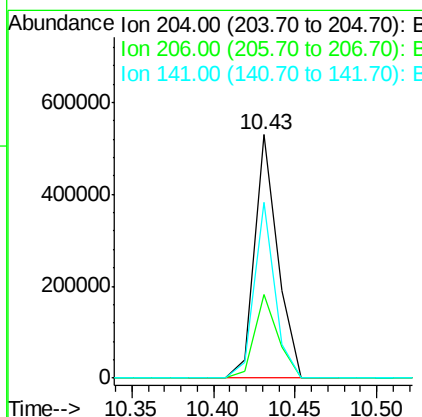
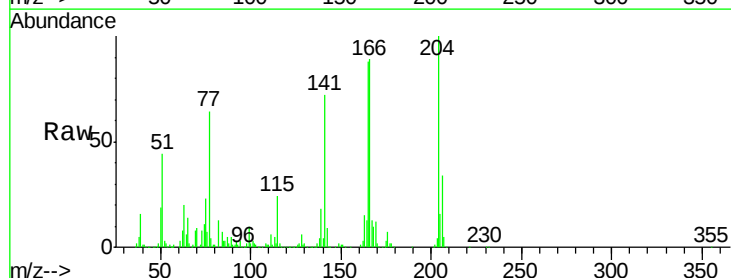
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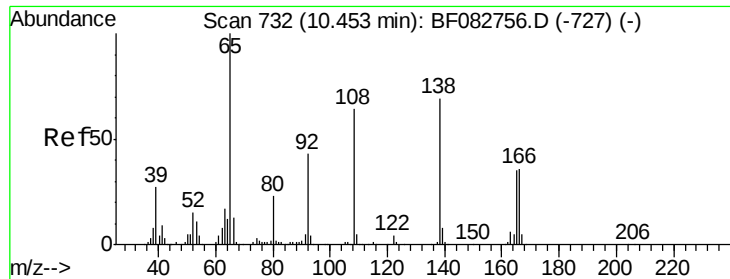
Mmdadoda
11/9/2015 2:10:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.58 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	28.5	42.7
141	72.0	44.6	66.8





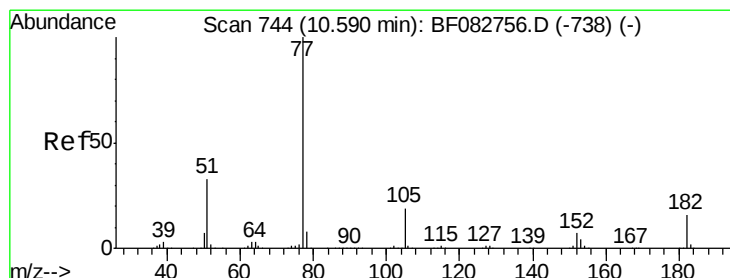
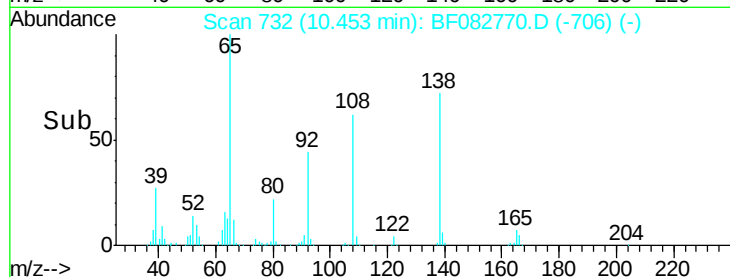
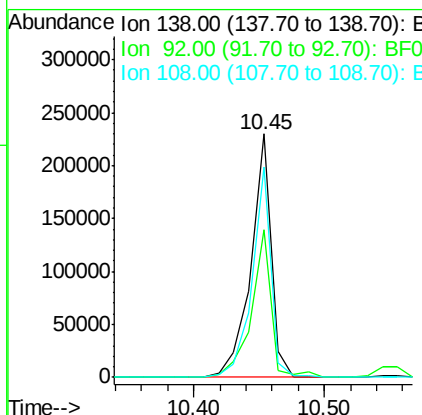
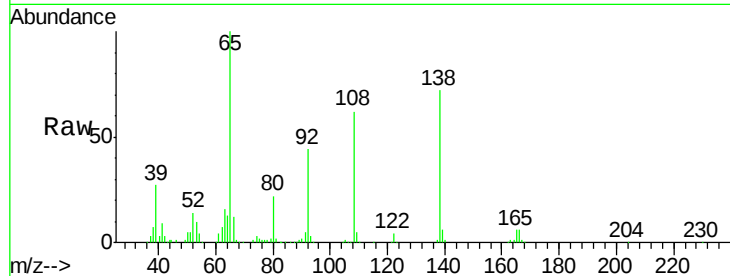
#61
4-Nitroaniline
Concen: 33.05 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	60.8	45.8	85.8
108	86.3	89.4	129.4

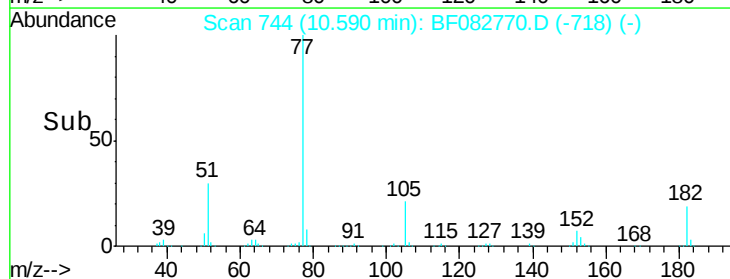
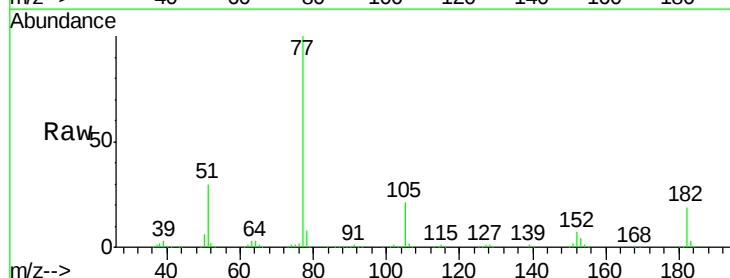
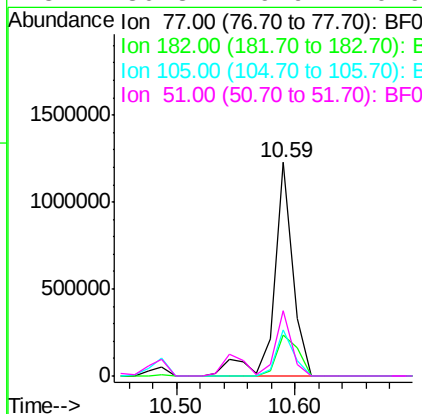
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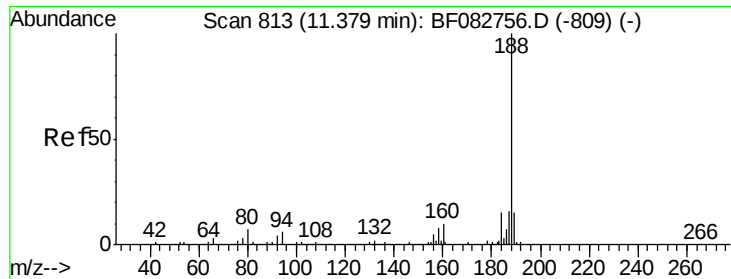
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11/9/2015 2:10:30 PM



#62
Azobenzene
Concen: 40.16 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.9	9.3	49.3
105	21.5	2.6	42.6
51	30.3	9.9	49.9





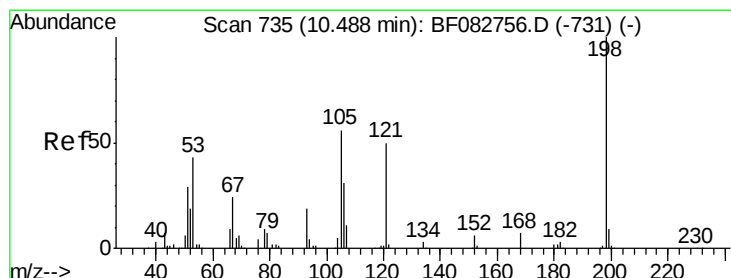
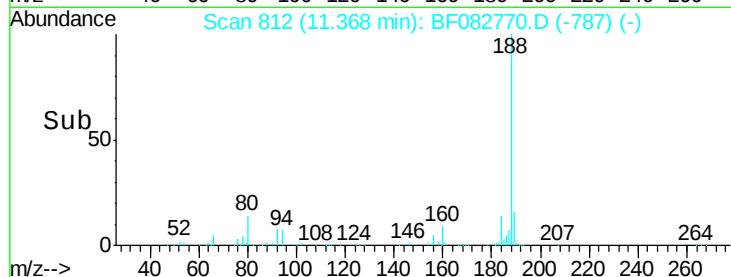
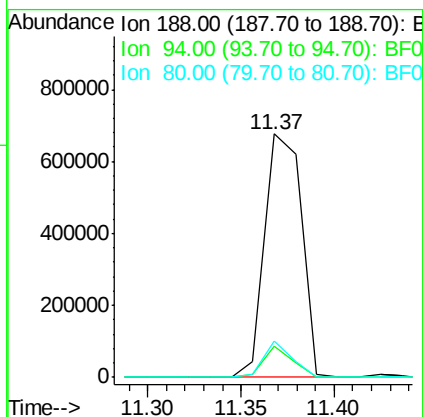
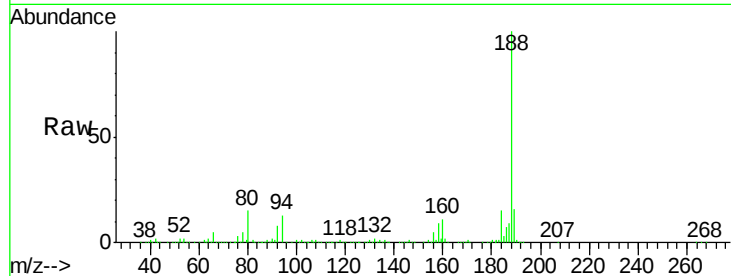
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	925296		
94	13.0	6.1	9.1#	
80	14.7	7.0	10.6#	

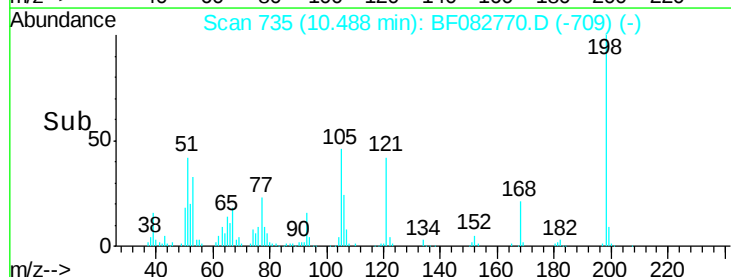
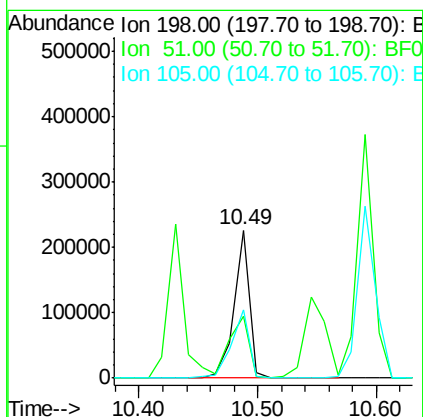
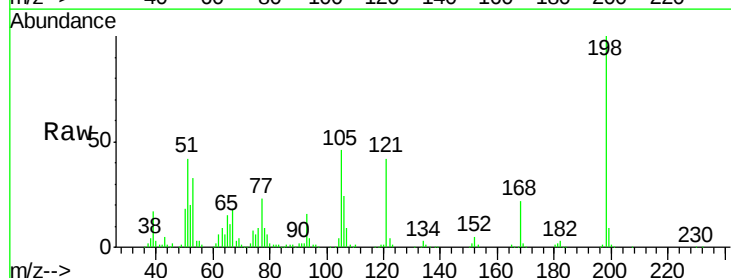
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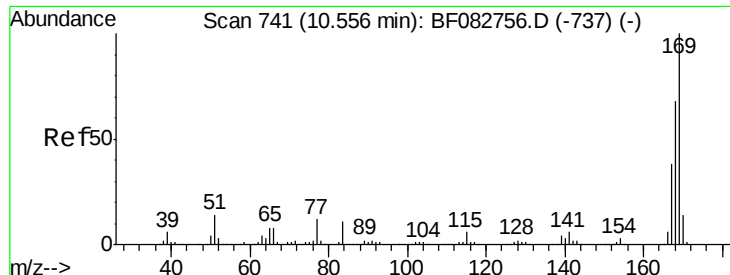
Mmdadoda
11/9/2015 2:10:30 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 31.12 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	205162		
51	42.0	17.3	57.3	
105	45.9	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 31.62 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion:169 Resp: 1057139

Ion Ratio Lower Upper

169 100

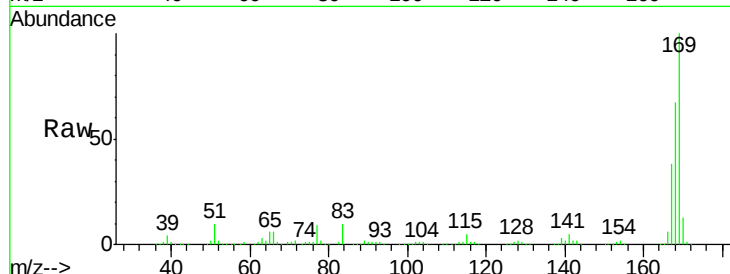
168 67.1 55.0 82.6

167 38.1 30.5 45.7

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Mmdadoda

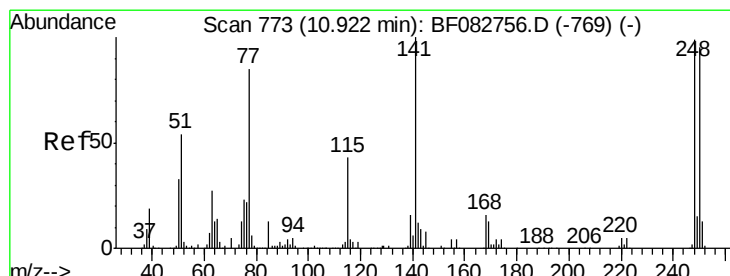
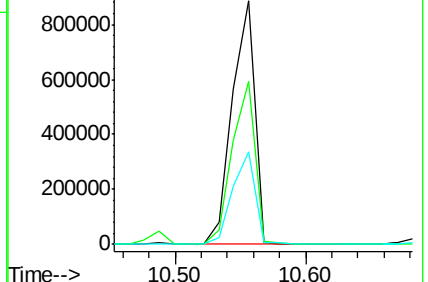
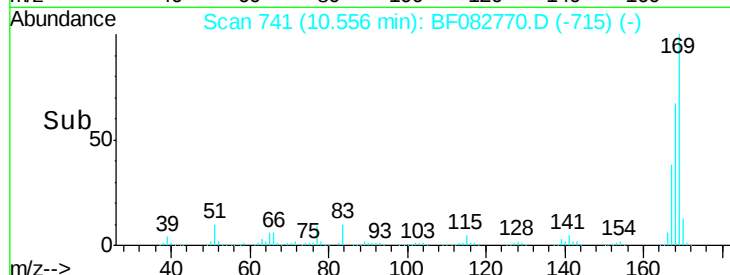
11/9/2015 2:10:30 PM



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: 28.75 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

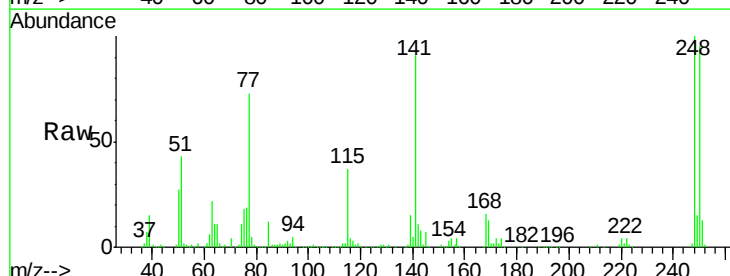
Tgt Ion:248 Resp: 320310

Ion Ratio Lower Upper

248 100

250 95.3 79.4 119.2

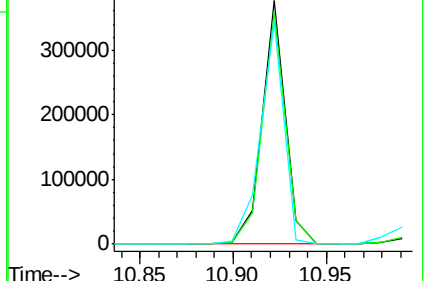
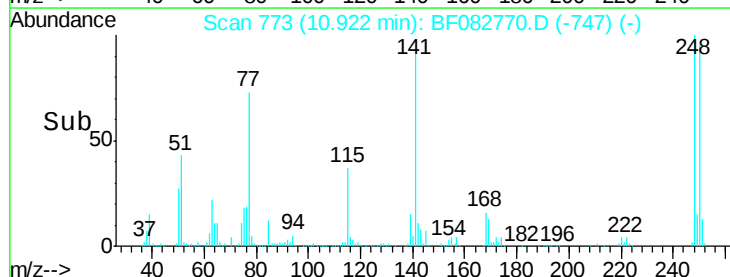
141 91.4 36.3 54.5#

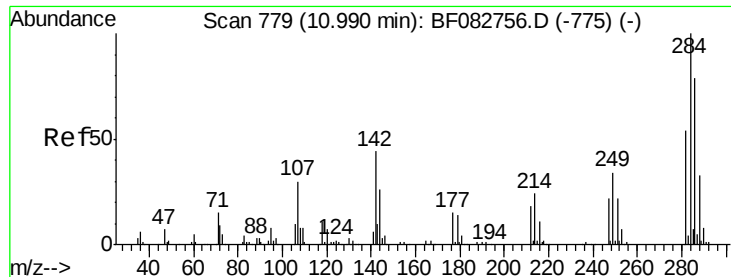


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





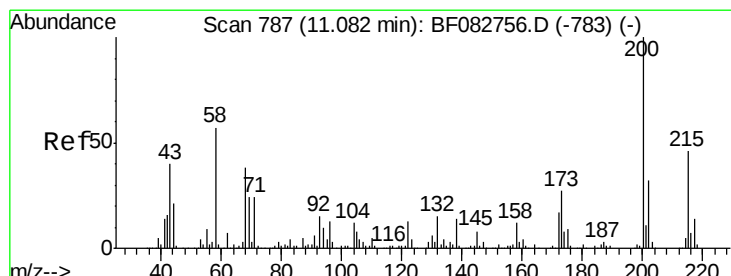
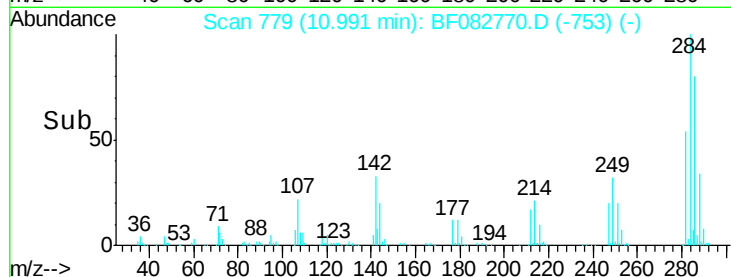
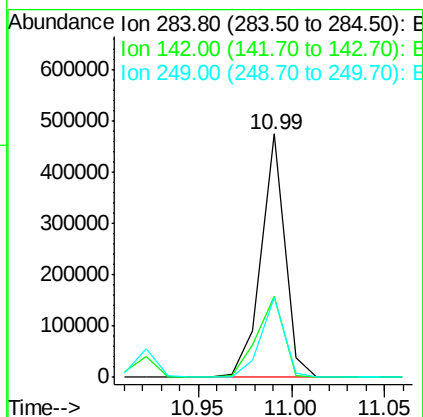
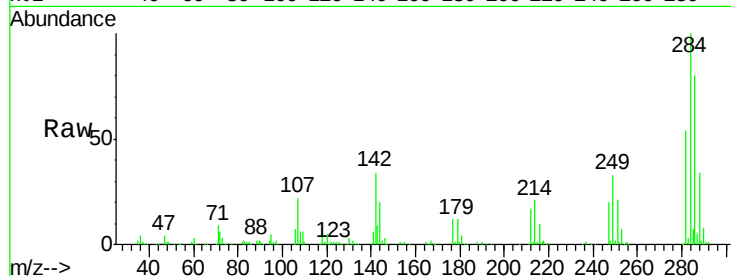
#67
Hexachlorobenzene
Concen: 33.70 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	419258		
142	33.5	47.9	71.9#	
249	32.5	29.7	44.5	

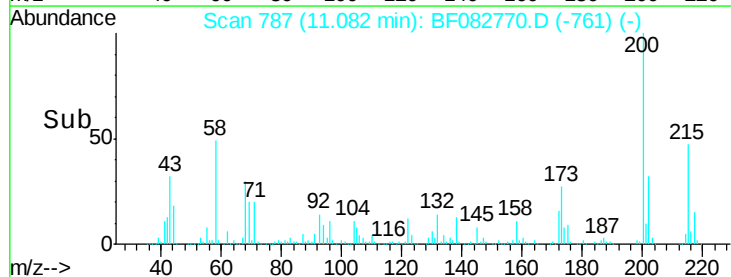
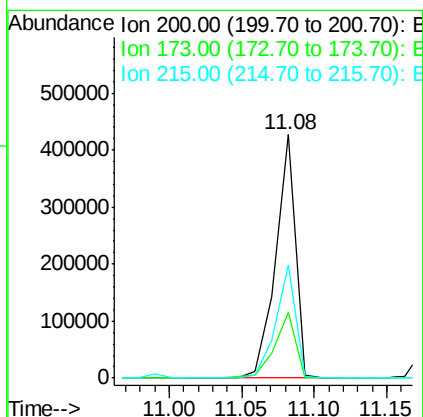
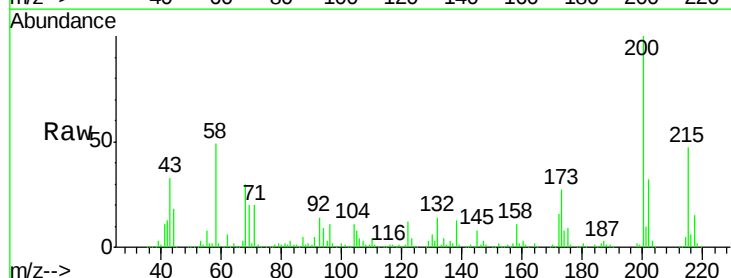
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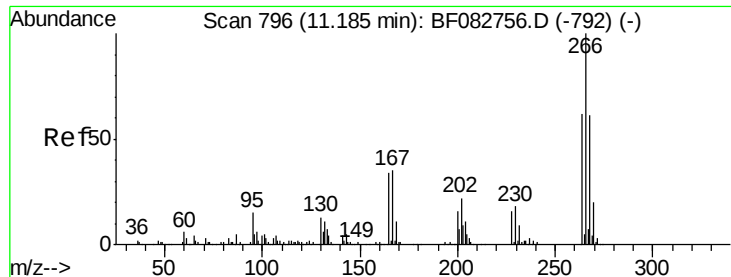
Mmdadoda
11/9/2015 2:10:30 PM



#68
Atrazine
Concen: 38.99 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	403015		
173	27.1	6.9	46.9	
215	46.6	22.9	62.9	





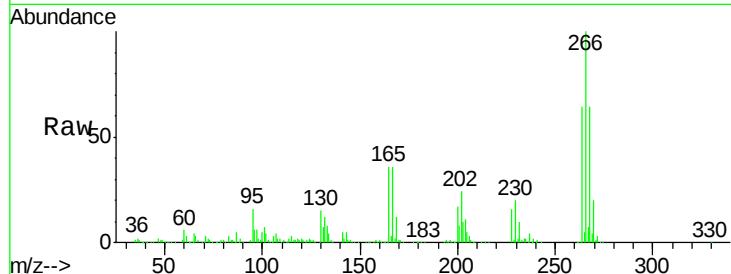
#69
 Pentachlorophenol
 Concen: 72.59 ng
 RT: 11.18 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

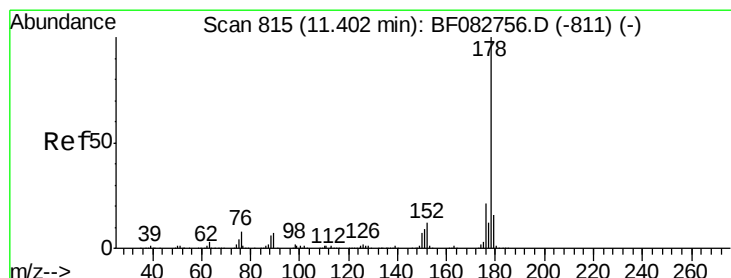
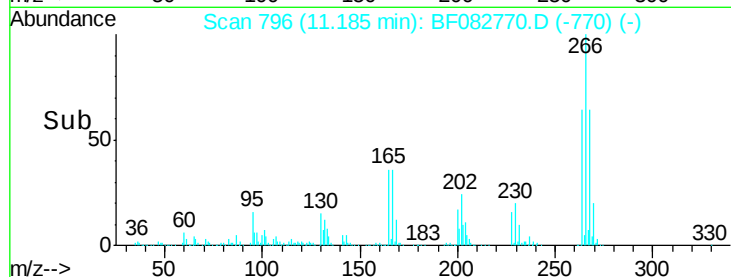
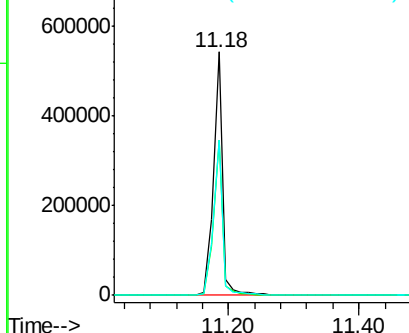
Tot Ion	Ratio	Resp	Lower	Upper
266	100	548384		
268	64.0		51.0	76.6
264	64.0		50.6	75.8

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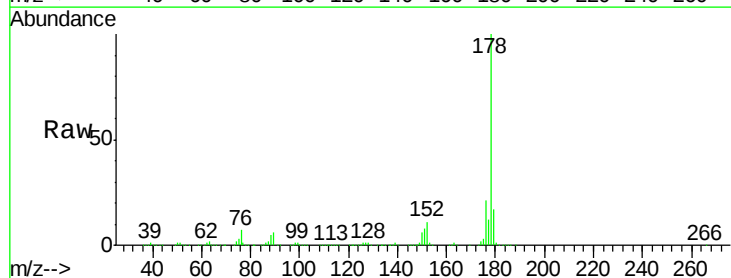


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

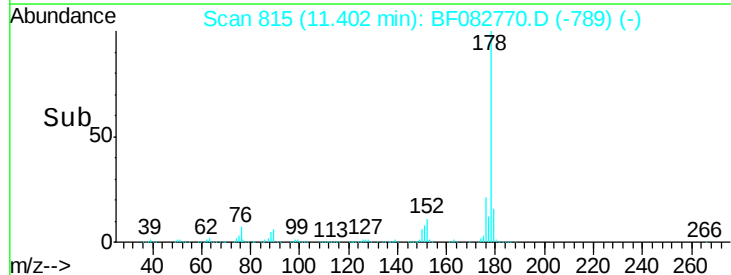
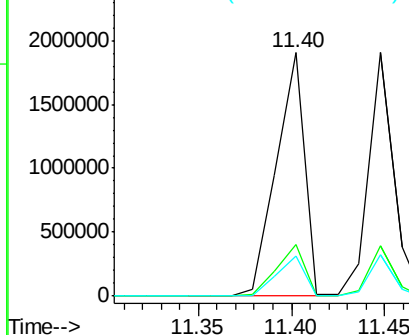


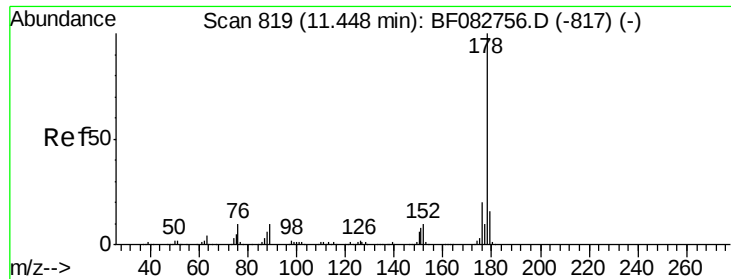
#70
 Phenanthrene
 Concen: 37.43 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2011428		
176	21.1		17.0	25.4
179	16.6		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: 30.92 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

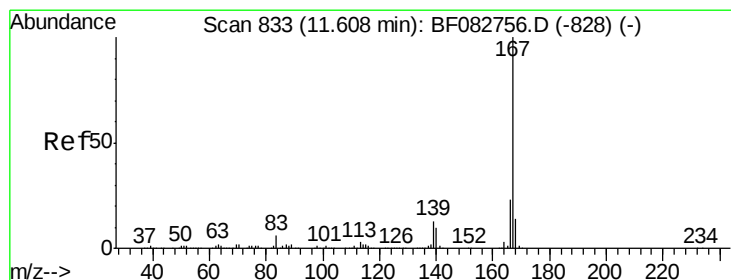
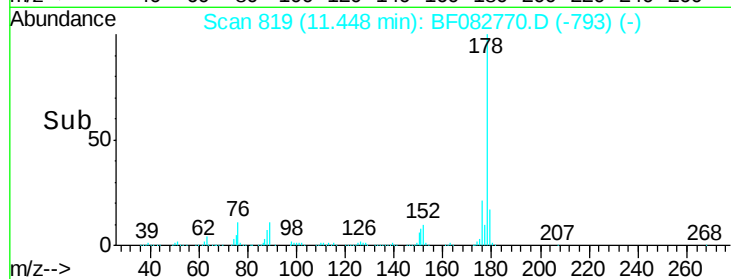
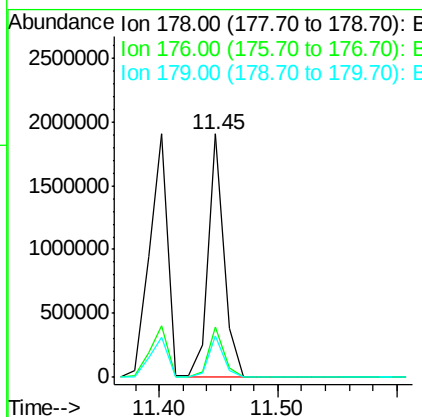
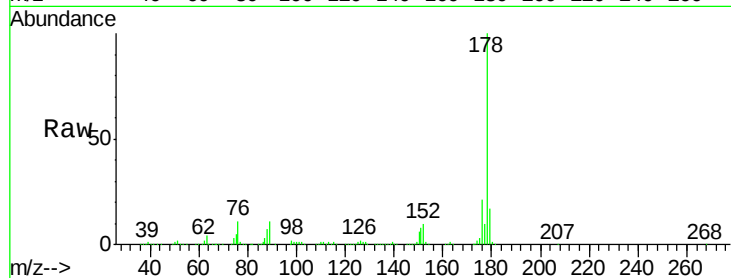
Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion:178 Resp: 1750376

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.9	13.2	19.8

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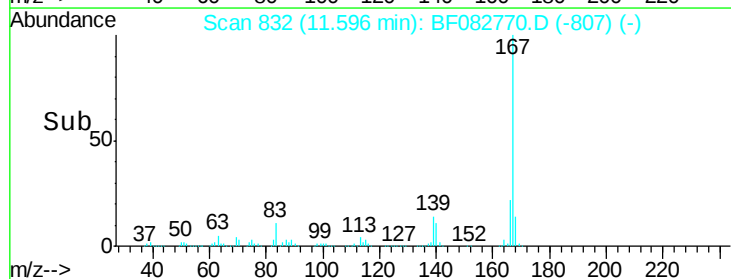
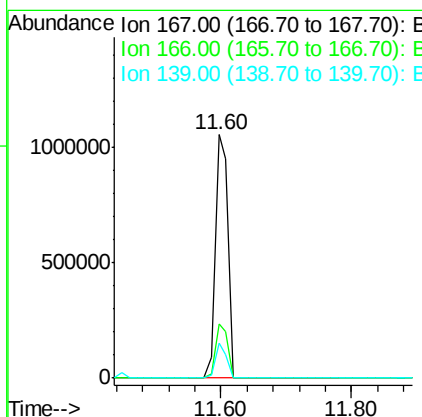
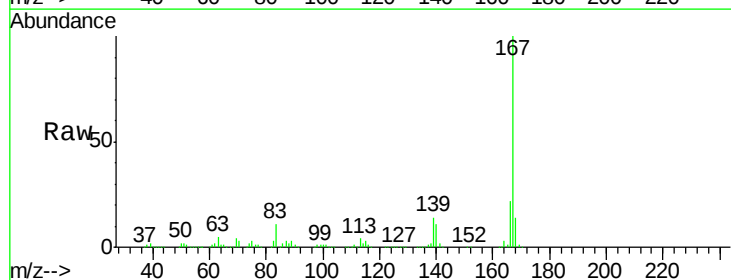
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 11/9/2015 2:10:30 PM

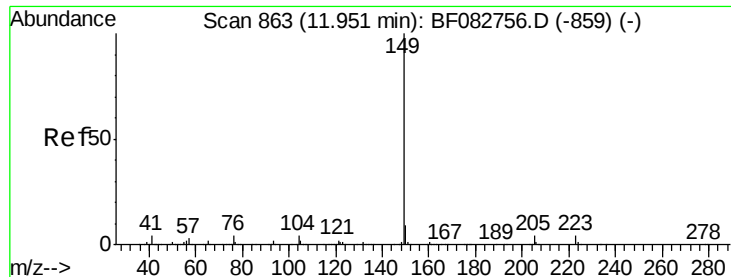


#72
 Carbazole
 Concen: 29.22 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion:167 Resp: 1447826

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.7	28.1
139	14.4	11.8	17.6





#73

Di-n-butylphthalate

Concen: 21.69 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

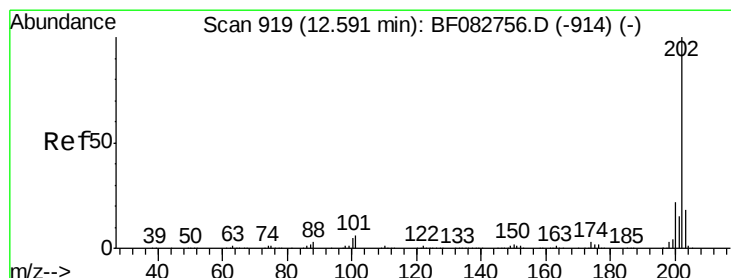
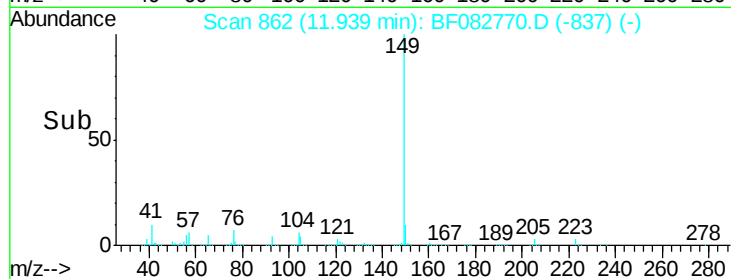
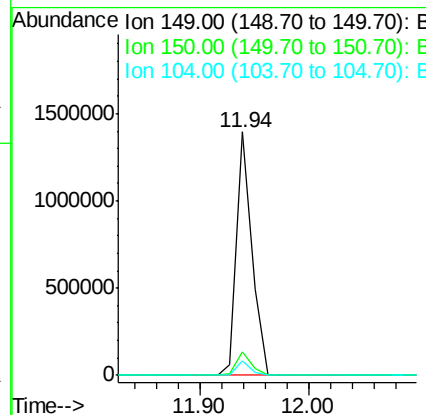
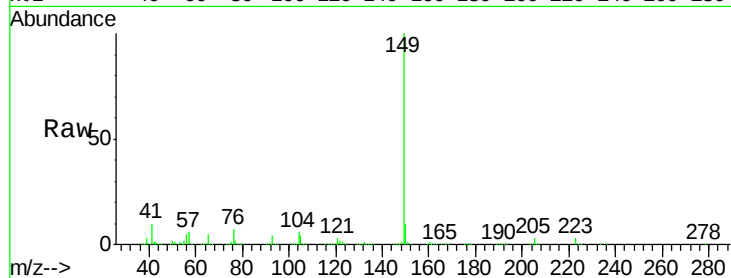
ClientSampleId :

PB86463BS

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Tot Ion:	149	Resp:	1338898
Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.1	12.1
104	6.1	5.2	7.8



#74

Fluoranthene

Concen: 22.60 ng

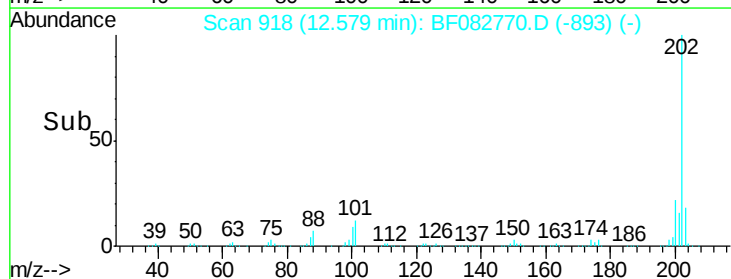
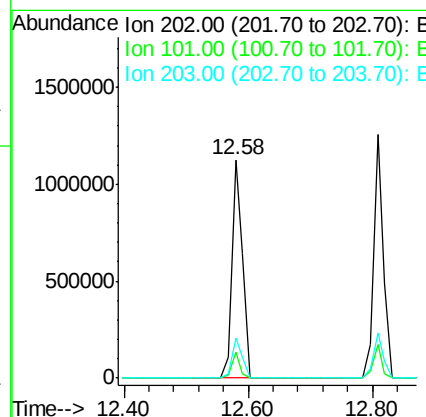
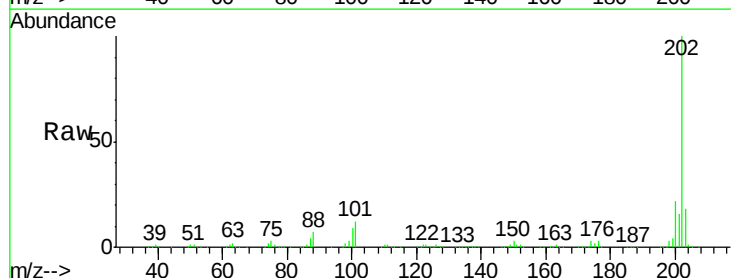
RT: 12.58 min Scan# 918

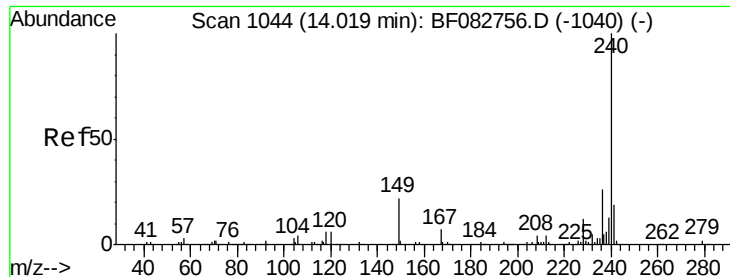
Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	202	Resp:	1303438
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

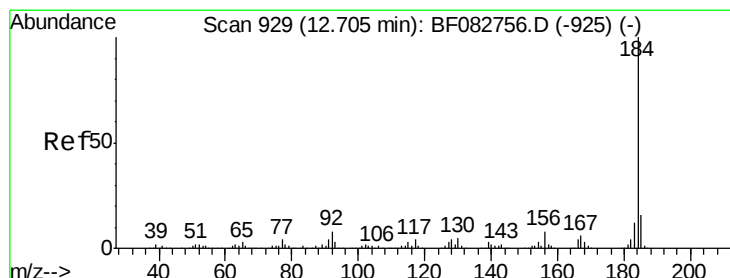
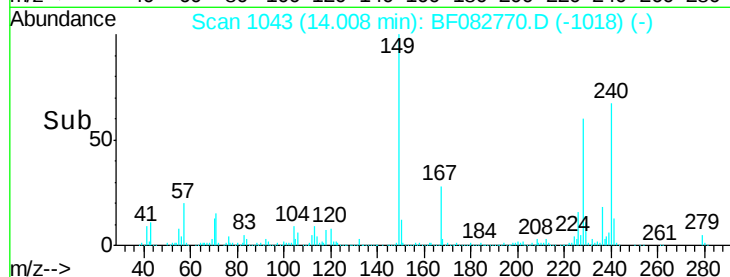
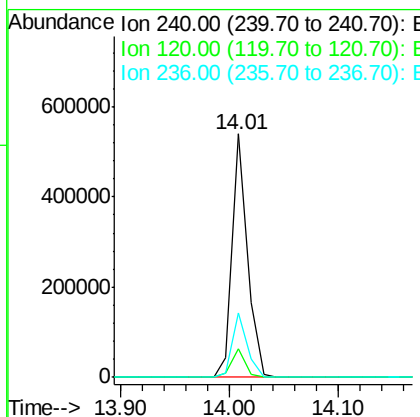
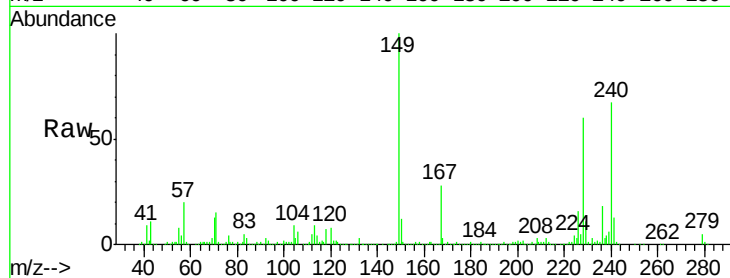
ClientSampleId :

PB86463BS

Tot Ion:	240	Resp:	520709
Ion Ratio		Lower	Upper
240	100		
120	11.8	10.9	16.3
236	26.4	21.6	32.4

Manual Integrations
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11/9/2015 2:10:30 PM



#76

Benzidine

Concen: 33.70 ng

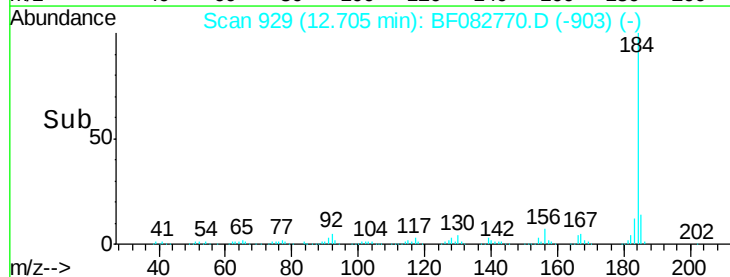
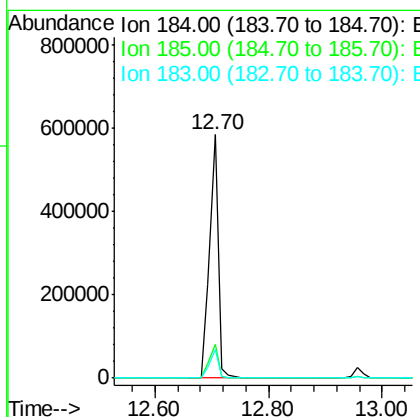
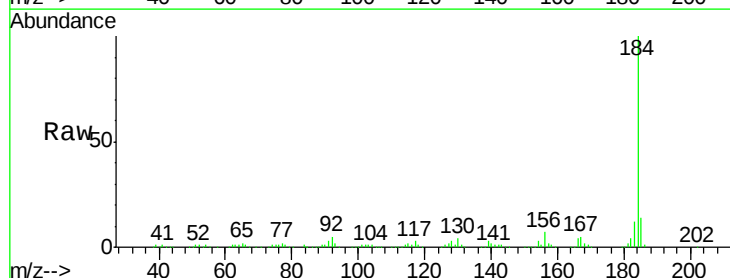
RT: 12.70 min Scan# 929

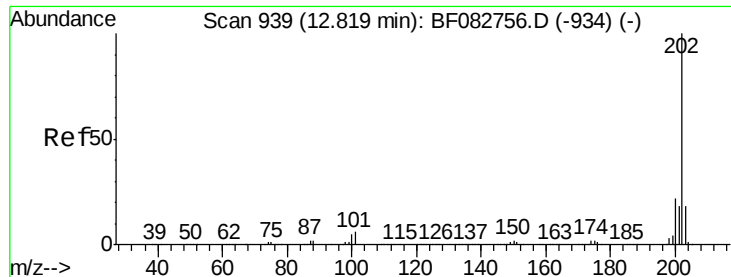
Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	184	Resp:	588098
Ion Ratio		Lower	Upper
184	100		
185	13.6	12.0	18.0
183	11.8	9.6	14.4





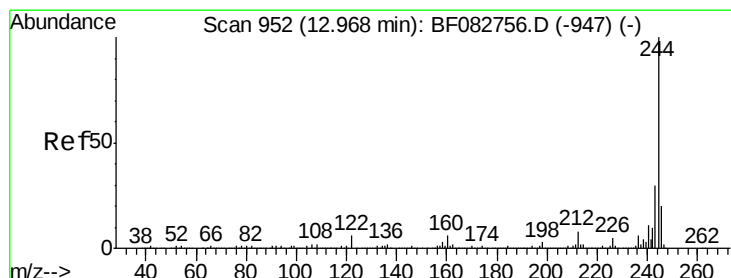
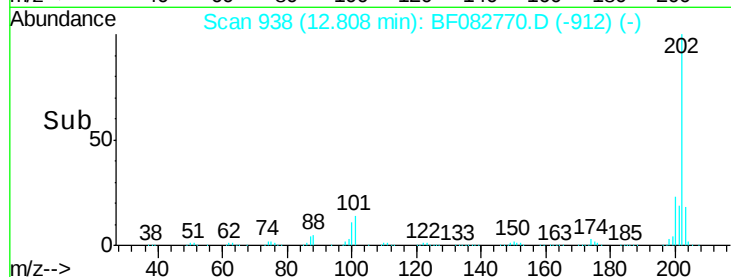
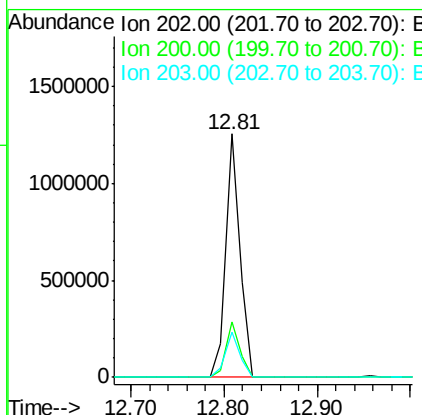
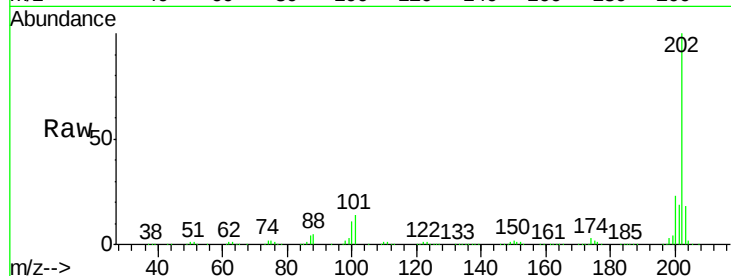
#77
Pvrene
Concen: 37.10 ng
RT: 12.81 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.7	28.1
203	18.5	14.8	22.2

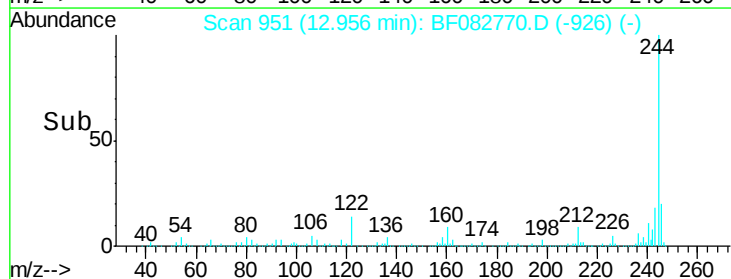
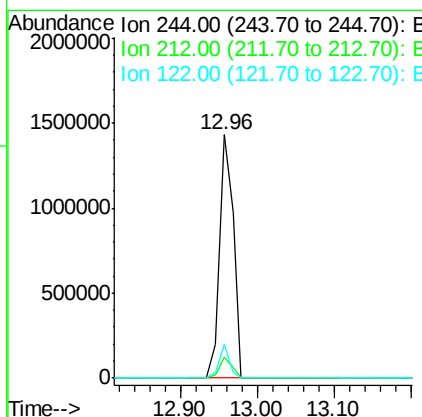
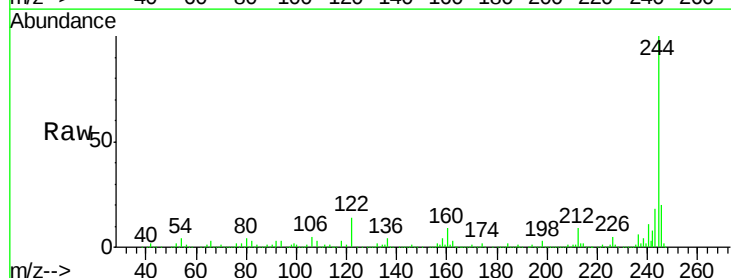
Manual Integrations
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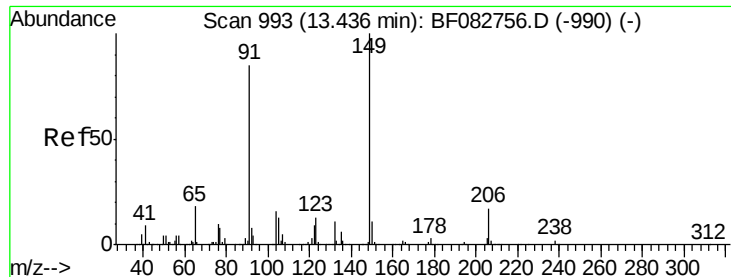
Mmdadoda
11/9/2015 2:10:30 PM



#78
Terphenyl-d14
Concen: 81.82 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.6	11.4
122	13.7	11.3	16.9





#79

Butylbenzylphthalate

Concen: 48.89 ng

RT: 13.44 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

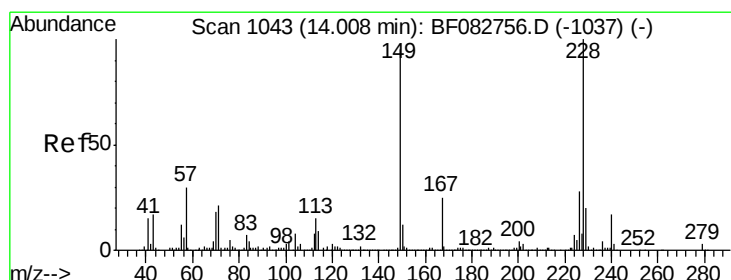
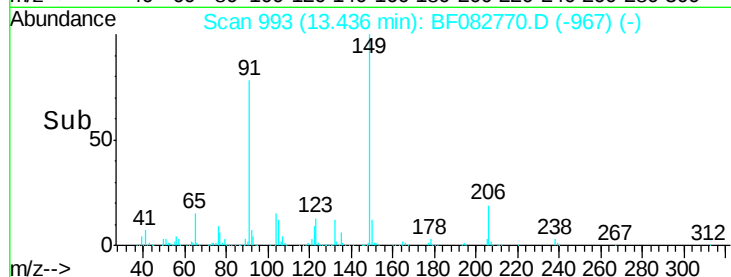
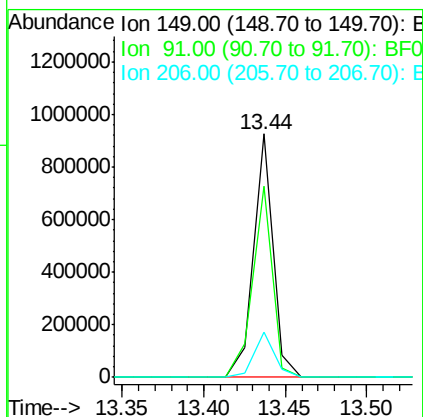
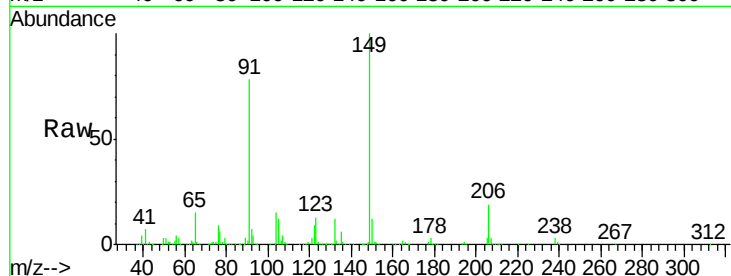
ClientSampleId :

PB86463BS

Manual Integrations
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Tot Ion:	149	Resp:	772356
Ion Ratio	Lower	Upper	
149	100		
91	78.5	67.7	101.5
206	18.5	14.6	22.0



#80

Benzo(a)anthracene

Concen: 38.94 ng

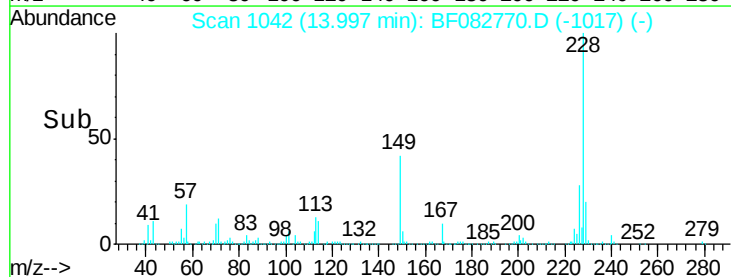
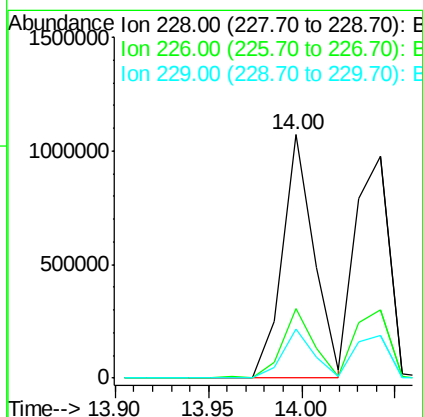
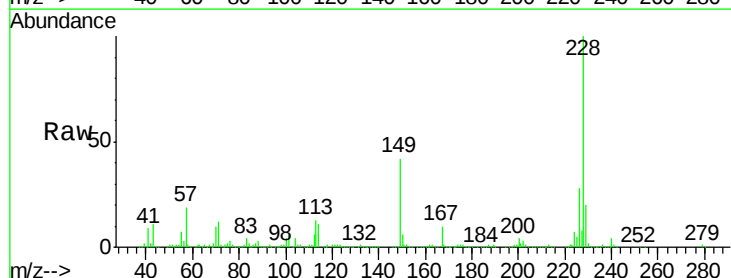
RT: 14.00 min Scan# 1042

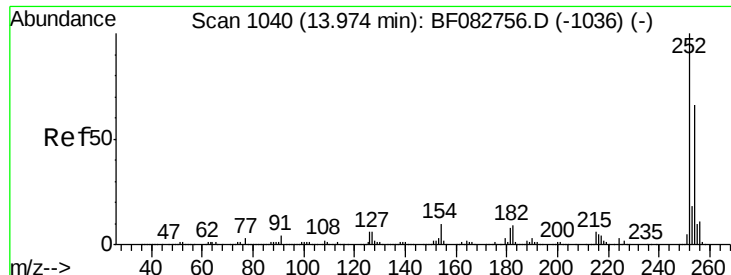
Delta R.T. -0.01 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Tgt Ion:	228	Resp:	1268054
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	20.4	16.3	24.5





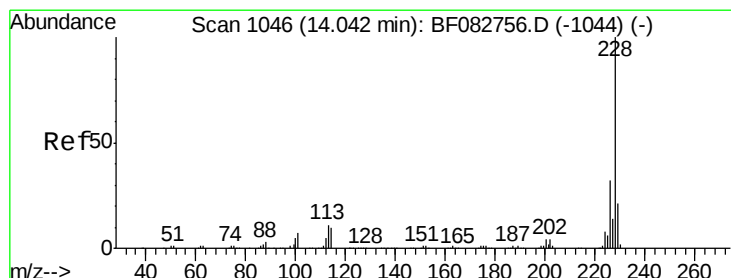
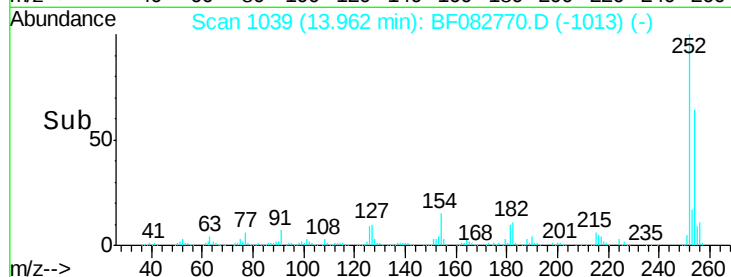
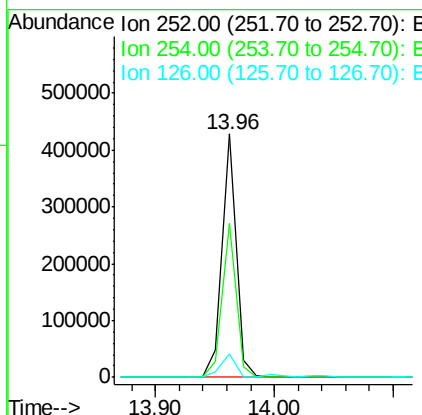
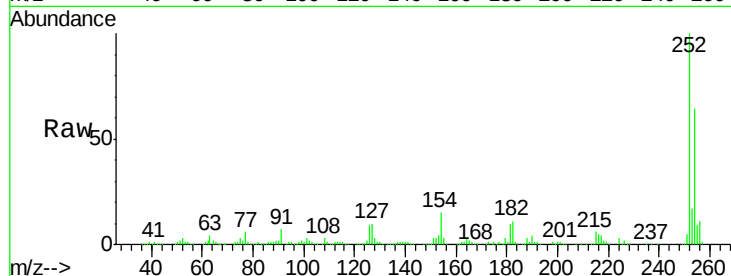
#81
 3,3'-Dichlorobenzidine
 Concen: 30.29 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.5	51.4	77.0
126	9.4	10.7	16.1

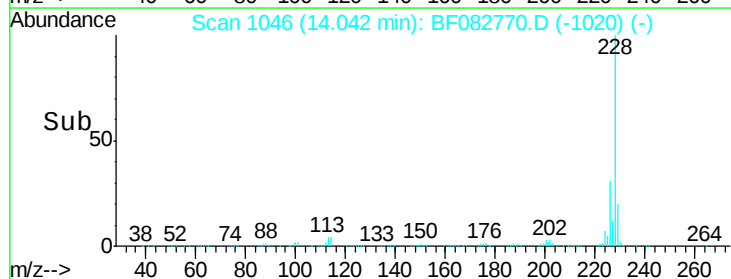
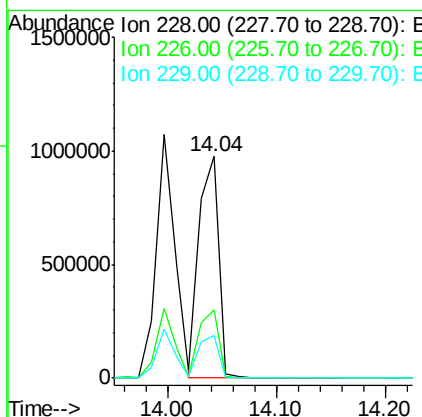
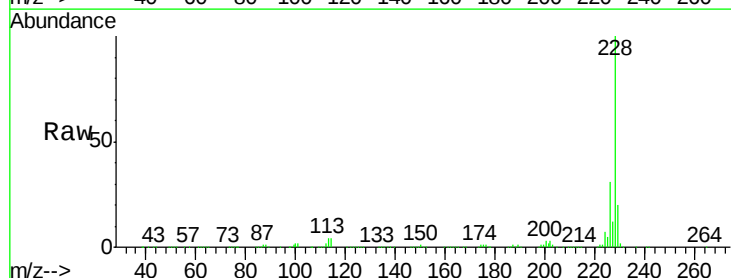
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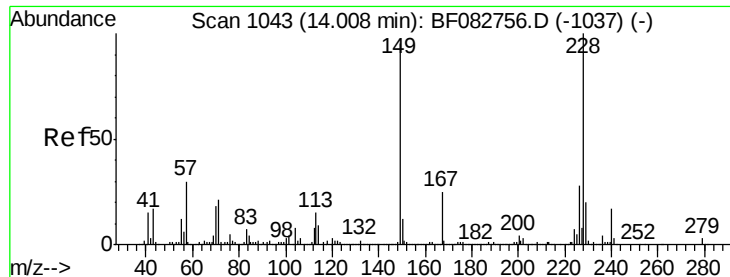
Mmdadoda
 11/9/2015 2:10:30 PM



#82
 Chrysene
 Concen: 41.31 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.5	38.3
229	19.5	16.3	24.5





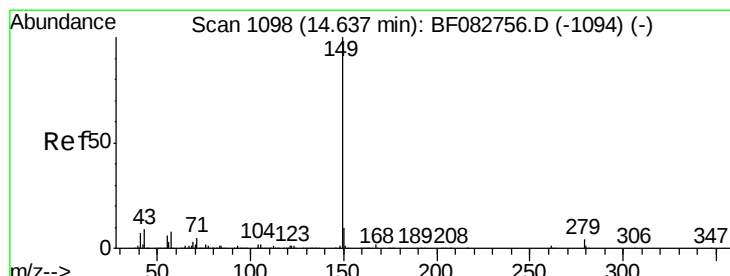
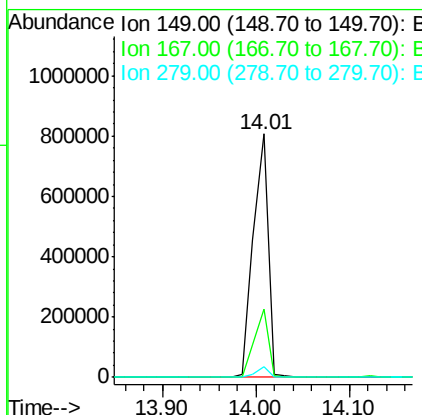
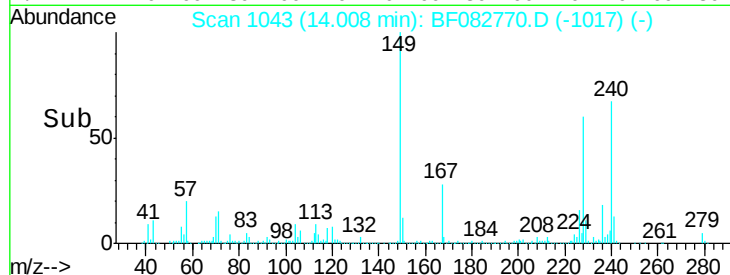
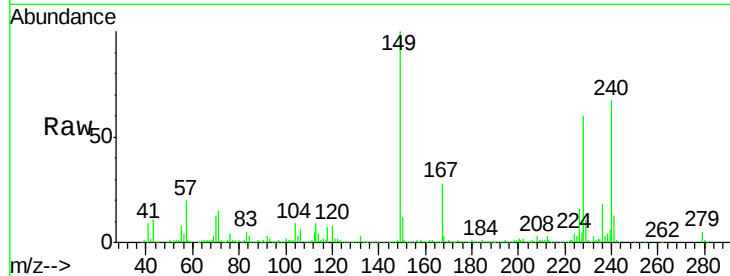
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.94 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	885231		
167	27.9	21.2	31.8	
279	4.6	2.2	3.2	

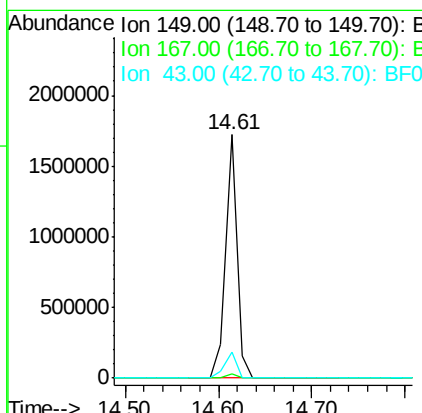
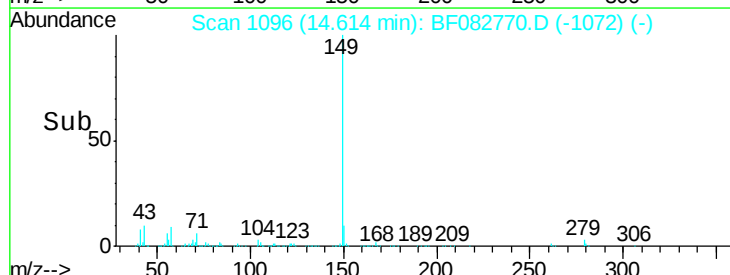
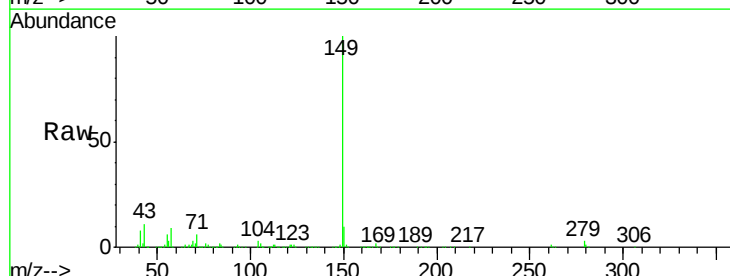
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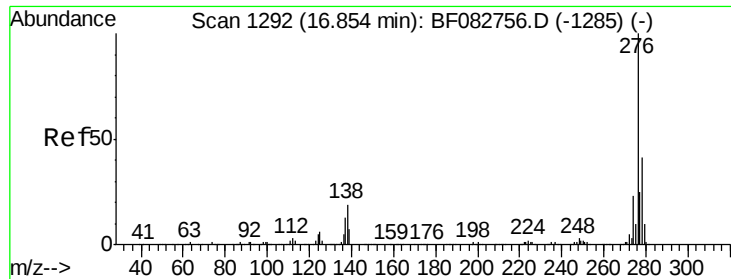
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#84
 Di-n-octyl phthalate
 Concen: 40.51 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1461158		
167	1.6	1.3	1.9	
43	11.4	10.1	15.1	





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.44 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

Instrument :

BNA_F

ClientSampleId :

PB86463BS

Tot Ion:276 Resp: 1295509

Ion Ratio Lower Upper

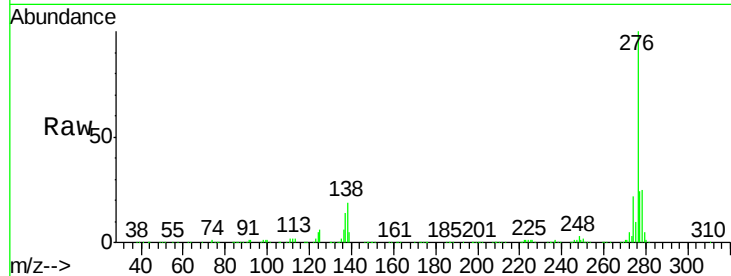
276 100

138 22.5 15.3 22.9

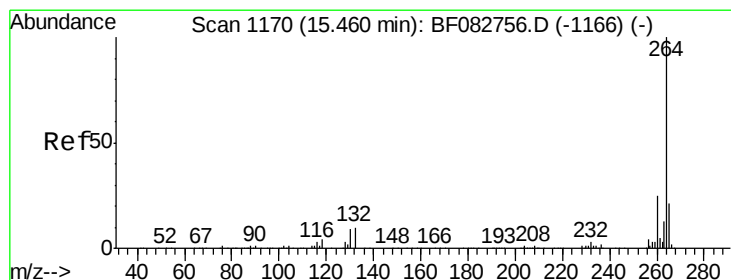
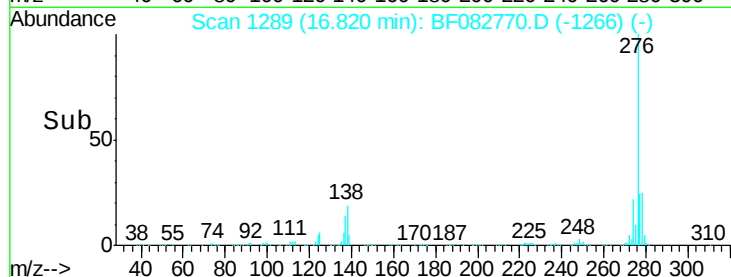
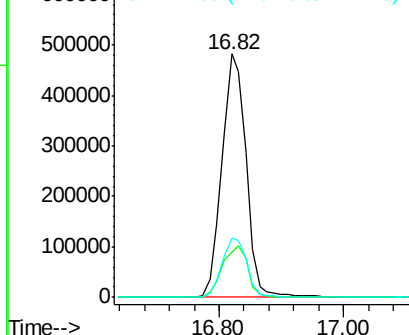
277 25.3 20.2 30.4

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082770.D

Acq: 6 Nov 2015 19:29

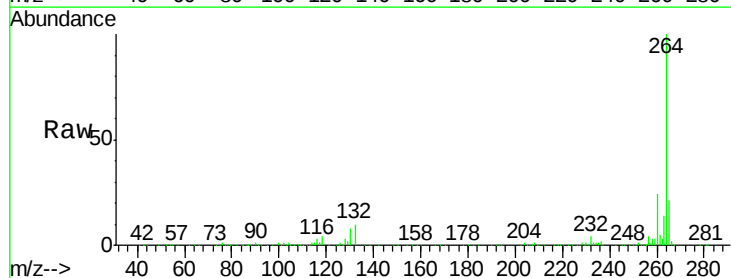
Tgt Ion:264 Resp: 485811

Ion Ratio Lower Upper

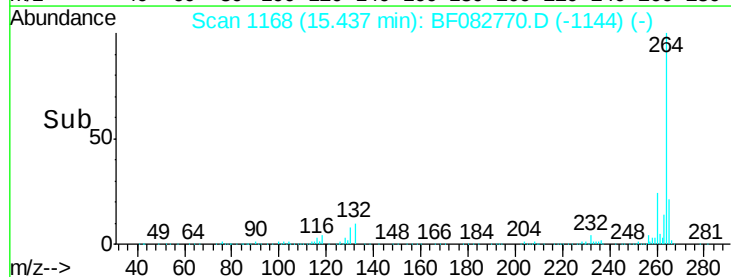
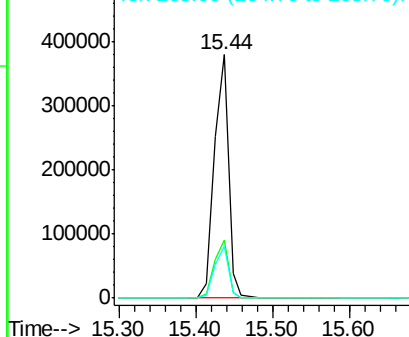
264 100

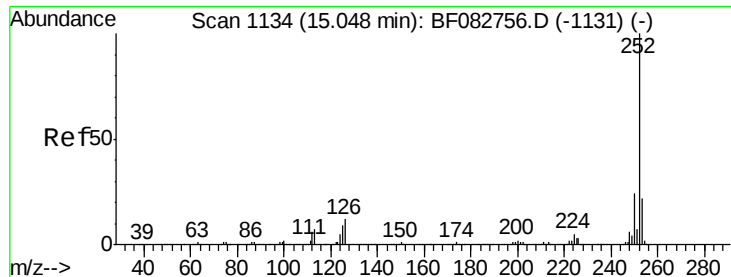
260 23.8 19.8 29.6

265 21.2 17.4 26.0



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





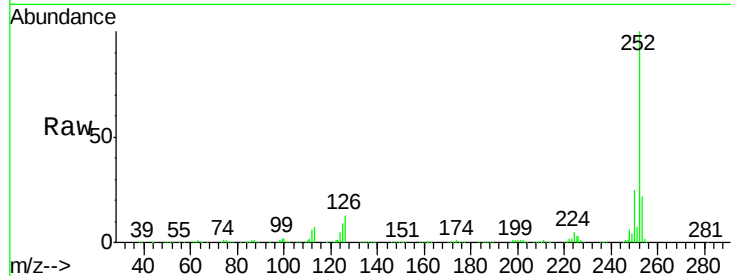
#87
Benzo(b)fluoranthene
Concen: 44.01 ng m
RT: 15.03 min Scan# 1132
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

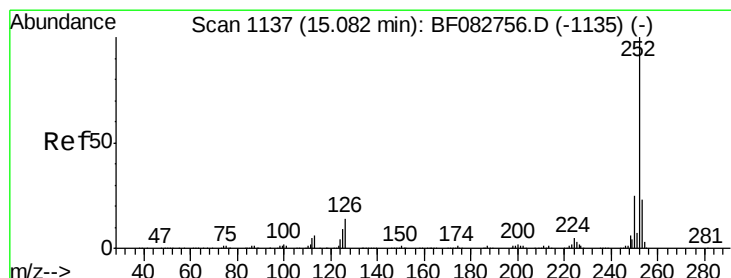
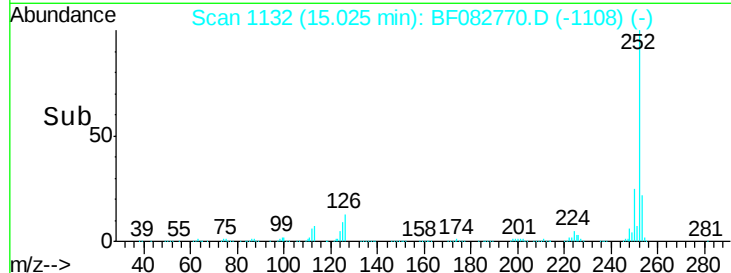
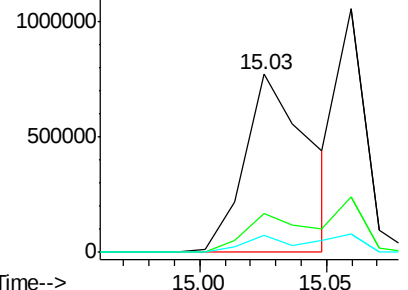
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.3	5.4	8.2

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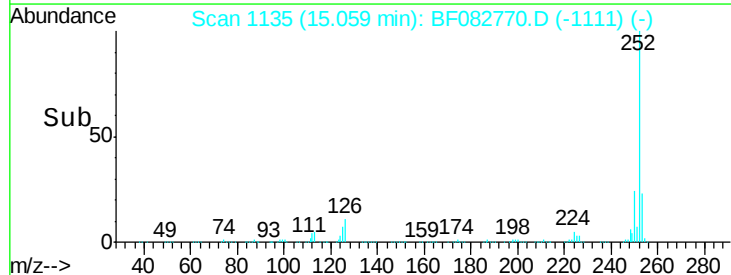
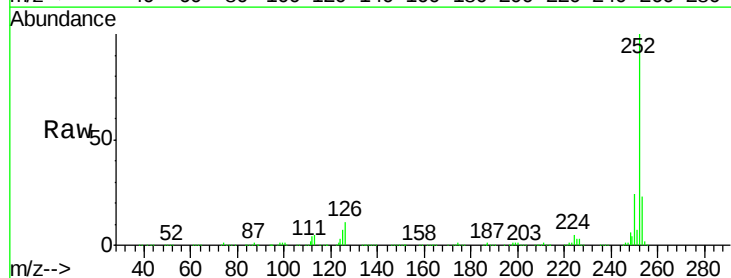
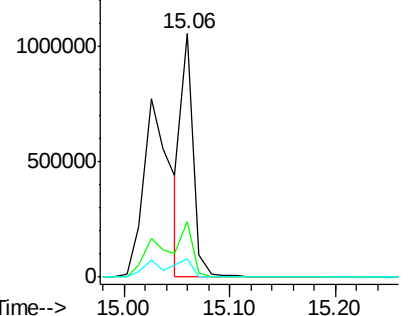
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

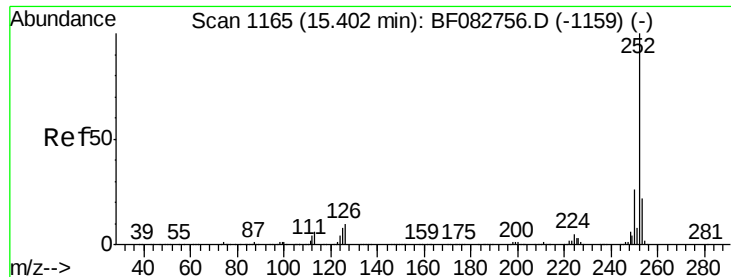


#88
Benzo(k)fluoranthene
Concen: 29.55 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	7.3	3.5	5.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





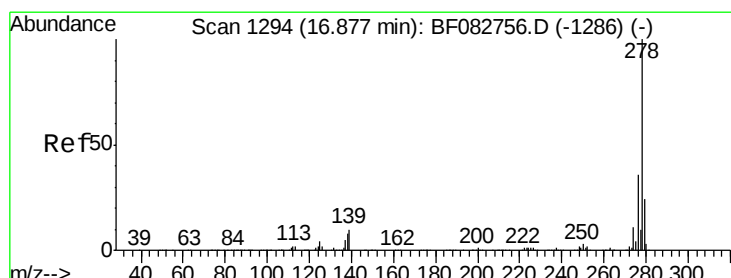
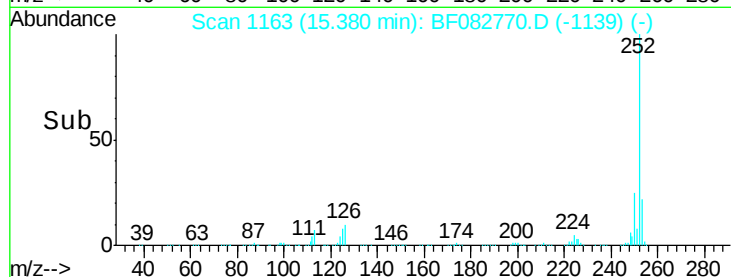
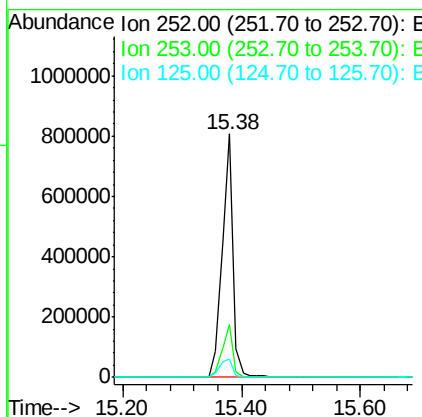
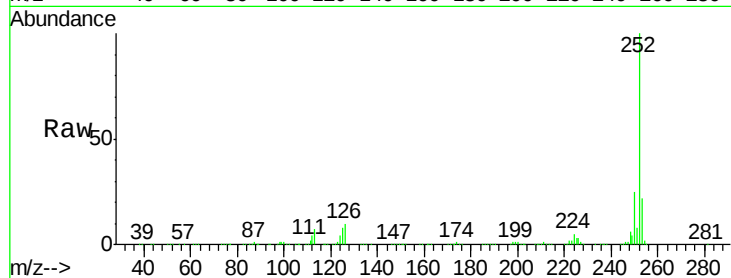
#89
Benzo(a)pyrene
Concen: 37.69 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Instrument :
BNA_F
ClientSampleId :
PB86463BS

Tot Ion:252 Resp: 1018224
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.8 7.1 10.7

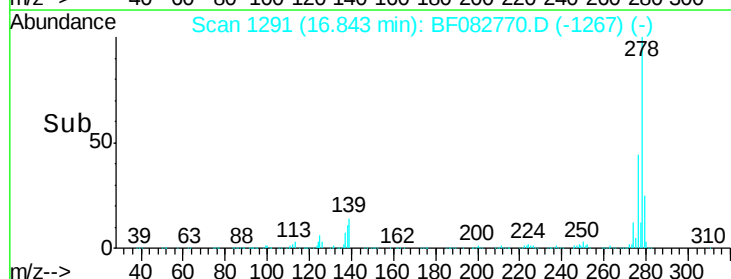
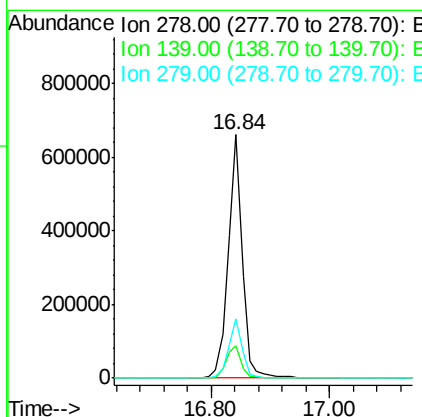
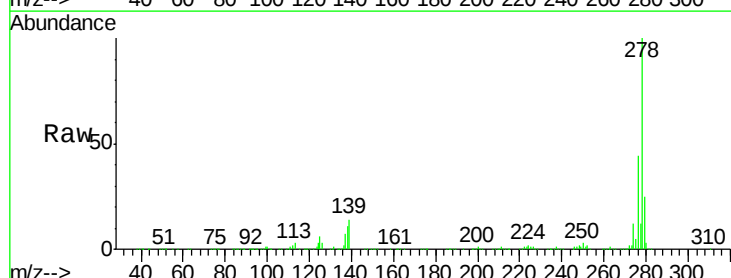
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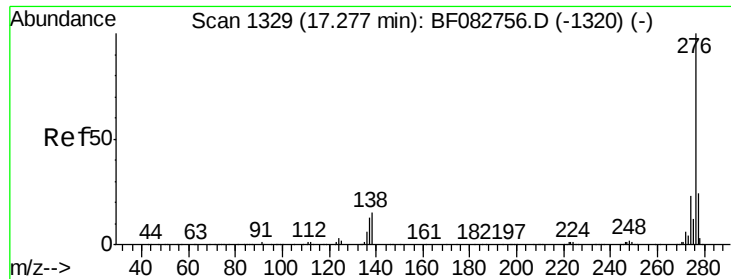
Mmdadoda
11/9/2015 2:10:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.27 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF082770.D
Acq: 6 Nov 2015 19:29

Tgt Ion:278 Resp: 1081412
Ion Ratio Lower Upper
278 100
139 13.5 9.9 14.9
279 24.6 19.6 29.4





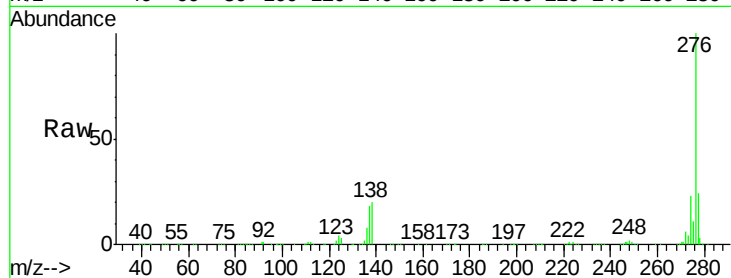
#91
 Benzo(a,h,i)perylene
 Concen: 55.58 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF082770.D
 Acq: 6 Nov 2015 19:29

Instrument :
 BNA_F
 ClientSampleId :
 PB86463BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	20.4	13.1	19.7

Manual Integrations
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 11/9/2015 2:10:30 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

