

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082833.D
 Acq On : 9 Nov 2015 17:00
 Operator : UM/IZ
 Sample : PB86498BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:25 PM

Quant Time: Nov 10 03:17:04 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	6.83	152	232057	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	877529	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	430884	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	801870	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	702038	20.00	ng	-0.02
86) Perylene-d12	15.45	264	694417	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1559249	104.55	ng	0.00
7) Phenol-d6	6.48	99	2138280	107.84	ng	0.00
23) Nitrobenzene-d5	7.40	82	1571062	77.90	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	502821	101.78	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2097245	69.76	ng	-0.02
78) Terphenyl-d14	12.95	244	2442532	82.52	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	219976	34.18	ng	96
3) Pyridine	3.21	79	682583	36.55	ng	99
4) n-Nitrosodimethylamine	3.16	42	315538	34.07	ng	# 72
6) Aniline	6.49	93	663283	23.83	ng	# 1
8) 2-Chlorophenol	6.61	128	567829	34.34	ng	# 74
9) Benzaldehyde	6.37	77	64475	5.89	ng	84
10) Phenol	6.49	94	897867	39.91	ng	96
11) bis(2-Chloroethyl)ether	6.57	93	575019	34.18	ng	93
12) 1,3-Dichlorobenzene	6.77	146	667257	35.78	ng	# 88
13) 1,4-Dichlorobenzene	6.85	146	652217m	33.62	ng	
14) 1,2-Dichlorobenzene	7.00	146	606328	34.37	ng	97
15) Benzyl Alcohol	6.98	79	637079	36.59	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	921576	37.34	ng	97
17) 2-Methylphenol	7.09	107	502073	35.85	ng	98
18) Hexachloroethane	7.34	117	236316	34.06	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	474985	32.59	ng	88
20) 3+4-Methylphenols	7.25	107	658007	36.14	ng	# 68
22) Acetophenone	7.24	105	855637	34.03	ng	# 93
24) Nitrobenzene	7.41	77	680608	33.00	ng	91
25) Isophorone	7.65	82	1296949	34.76	ng	98
26) 2-Nitrophenol	7.73	139	335568	38.98	ng	# 70
27) 2,4-Dimethylphenol	7.78	122	584174	37.77	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	747181	35.50	ng	98
29) 2,4-Dichlorophenol	7.97	162	503910	36.05	ng	88
30) 1,2,4-Trichlorobenzene	8.06	180	565534	35.97	ng	96
31) Naphthalene	8.14	128	1686178	34.83	ng	98
32) Benzoic acid	7.90	122	364545	34.42	ng	91
33) 4-Chloroaniline	8.19	127	375657	18.00	ng	# 83
34) Hexachlorobutadiene	8.27	225	333069	33.85	ng	97
35) Caprolactam	8.56	113	180789m	41.02	ng	
36) 4-Chloro-3-methylphenol	8.68	107	623100	37.90	ng	# 81
37) 2-Methylnaphthalene	8.83	142	1060079	33.85	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	543261	38.37	ng	98
40) Hexachlorocyclopentadiene	8.99	237	611255	80.35	ng	99

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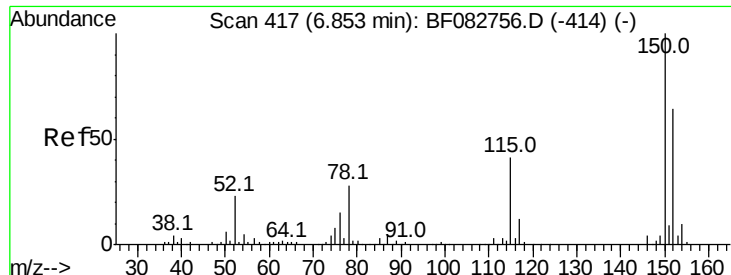
Manual Integrations
 APPROVED

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	380057	35.96	nq	95
43) 2,4,5-Trichlorophenol	9.16	196	401000	38.36	nq #	77
45) 1,1'-Biphenyl	9.30	154	1423905	38.51	nq	98
46) 2-Chloronaphthalene	9.32	162	1109992	38.49	nq	99
47) 2-Nitroaniline	9.41	65	439741	41.10	nq #	76
48) Acenaphthylene	9.73	152	1604930	35.51	nq	100
49) Dimethylphthalate	9.60	163	1197306	33.92	nq	100
50) 2,6-Dinitrotoluene	9.65	165	258506	34.32	nq	96
51) Acenaphthene	9.90	154	1145478	39.99	nq	100
52) 3-Nitroaniline	9.82	138	195329	23.58	nq #	61
53) 2,4-Dinitrophenol	9.93	184	310870	75.17	nq #	26
54) Dibenzofuran	10.08	168	1379846	35.73	nq	95
55) 4-Nitrophenol	10.00	139	525770	82.73	nq	89
56) 2,4-Dinitrotoluene	10.06	165	413872	40.50	nq #	63
57) Fluorene	10.42	166	1133186	36.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	325571	38.16	nq #	88
59) Diethylphthalate	10.30	149	1333786	38.70	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	544829	34.81	nq	90
61) 4-Nitroaniline	10.44	138	330455	39.67	nq #	71
62) Azobenzene	10.57	77	1472159	39.76	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	211334	36.99	nq #	60
65) n-Nitrosodiphenylamine	10.53	169	1050521	36.26	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	328890	34.06	nq #	75
67) Hexachlorobenzene	10.97	284	364045	33.77	nq #	84
68) Atrazine	11.06	200	318139	35.51	nq	97
69) Pentachlorophenol	11.16	266	449731	68.69	nq	98
70) Phenanthrene	11.38	178	1808240	38.83	nq	100
71) Anthracene	11.43	178	1733645	35.34	nq	99
72) Carbazole	11.59	167	1750233	40.76	nq	99
73) Di-n-butylphthalate	11.93	149	2053971	38.39	nq #	97
74) Fluoranthene	12.57	202	1920589	38.43	nq	96
76) Benzidine	12.68	184	915694	38.92	nq	100
77) Pyrene	12.80	202	1972225	40.91	nq	99
79) Butylbenzylphthalate	13.41	149	837398	39.32	nq	93
80) Benzo(a)anthracene	13.99	228	1712018	39.00	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	413093	26.47	nq #	97
82) Chrysene	14.02	228	1490004	37.06	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1125046	38.59	nq #	96
84) Di-n-octyl phthalate	14.63	149	2088738	42.95	nq	97
85) Indeno(1,2,3-cd)pyrene	16.83	276	1541764	44.52	nq	96
87) Benzo(b)fluoranthene	15.04	252	1526483	34.25	nq #	97
88) Benzo(k)fluoranthene	15.07	252	1590277m	40.22	nq	
89) Benzo(a)pyrene	15.39	252	1545484	40.02	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	1267946	38.77	nq	99
91) Benzo(g,h,i)perylene	17.25	276	1253462	40.02	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

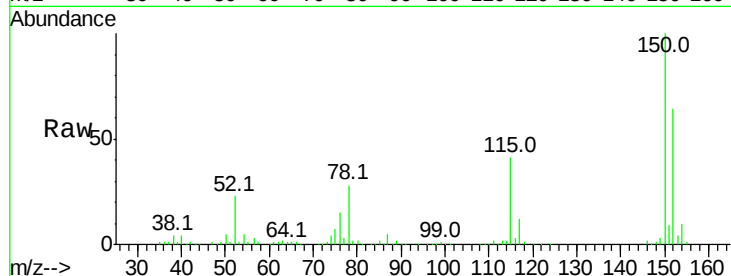
ClientSampleId :

PB86498BS

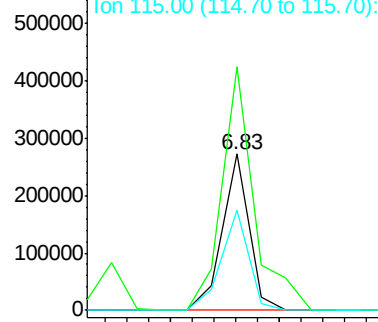
Tot Ion:	152	Resp:	232057
Ion Ratio	Lower	Upper	
152	100		
150	155.7	127.0	190.4
115	64.1	47.0	70.6

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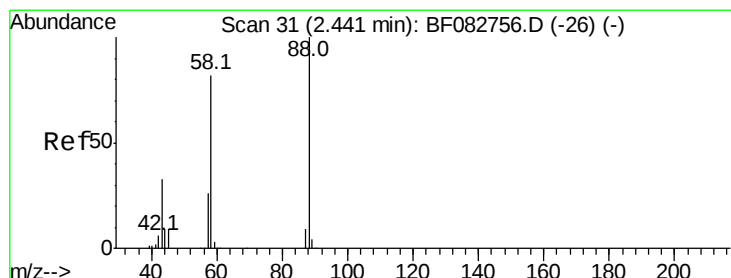
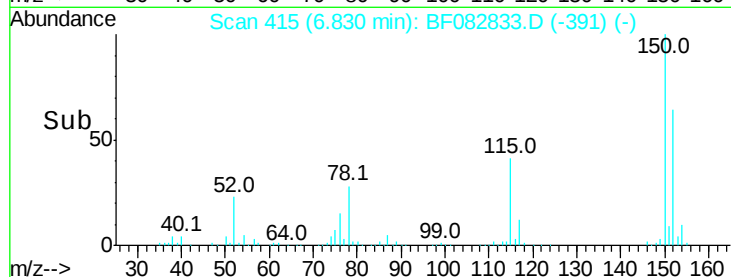
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 34.18 ng

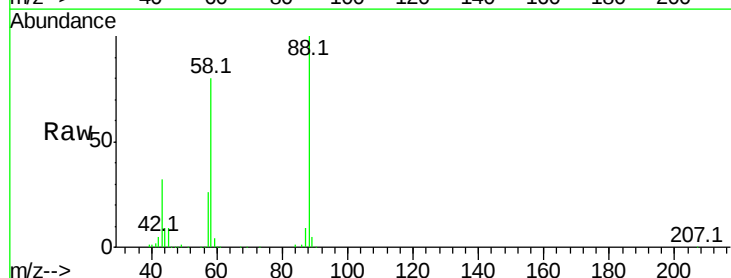
RT: 2.51 min Scan# 37

Delta R.T. 0.07 min

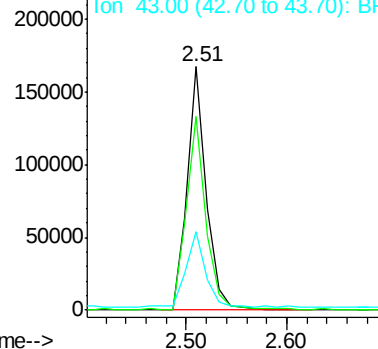
Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

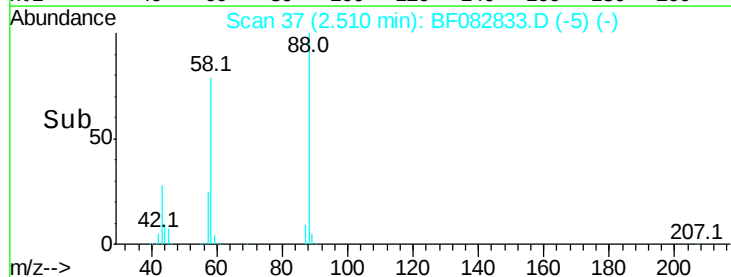
Tgt Ion:	88	Resp:	219976
Ion Ratio	Lower	Upper	
88	100		
58	80.8	62.0	93.0
43	31.2	26.6	40.0

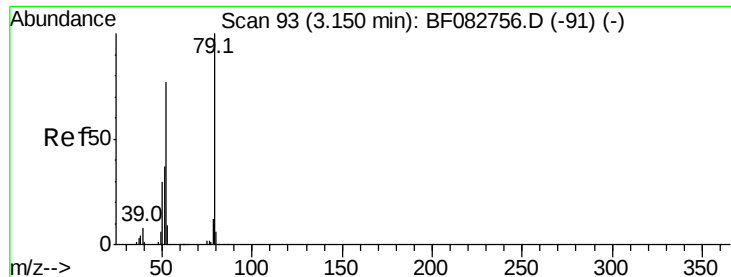


Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pvridine

Concen: 36.55 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

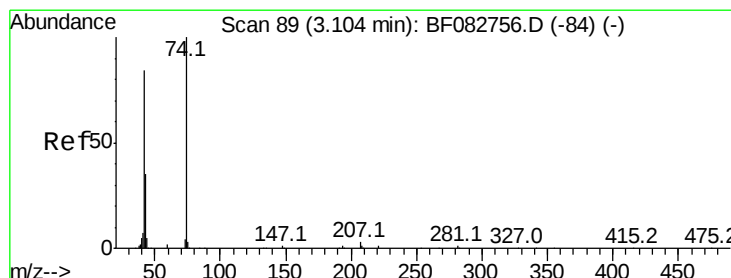
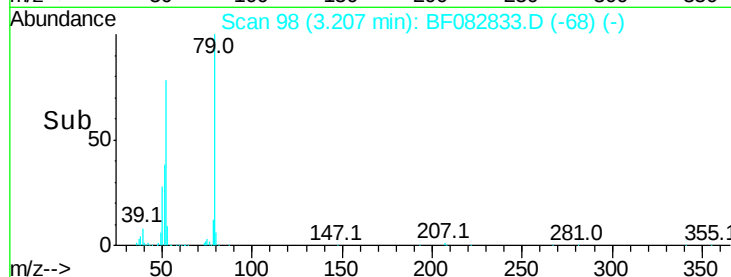
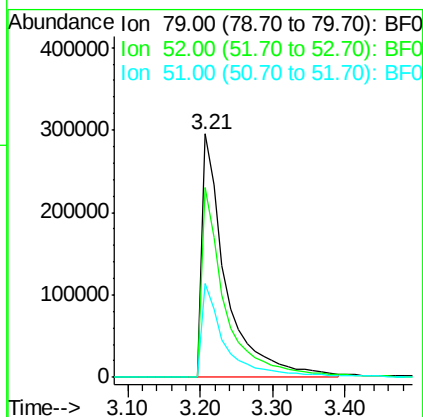
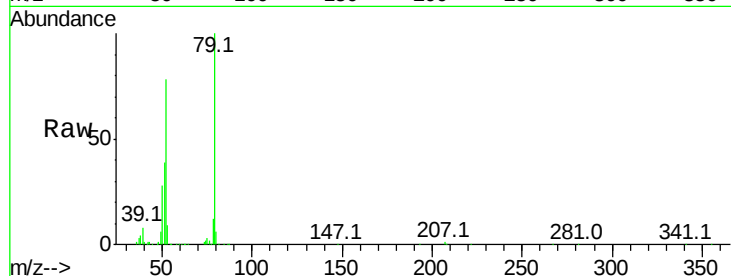
ClientSampleId :

PB86498BS

Manual Integrations
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Tot Ion:	79	Resp:	682583
Ion Ratio	Lower	Upper	
79	100		
52	77.8	62.8	94.2
51	38.5	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 34.07 ng

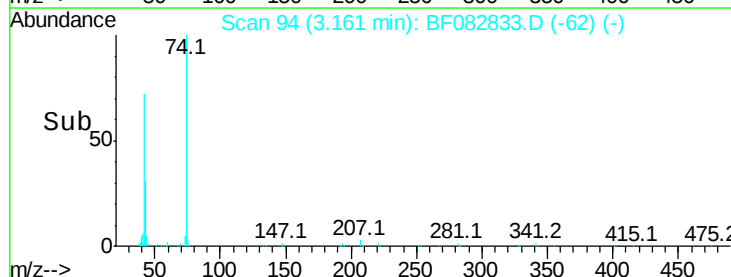
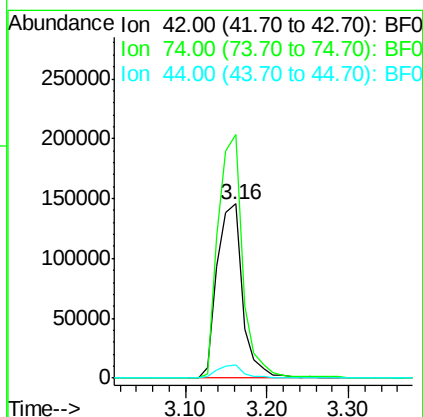
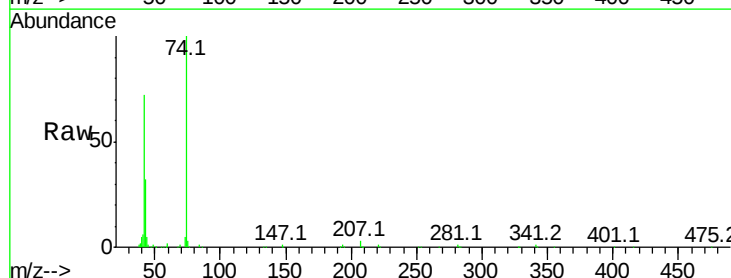
RT: 3.16 min Scan# 94

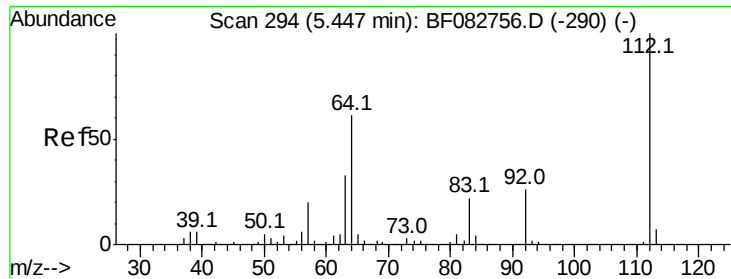
Delta R.T. 0.07 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	42	Resp:	315538
Ion Ratio	Lower	Upper	
42	100		
74	139.8	87.0	130.4#
44	7.5	5.8	8.8





#5

2-Fluorophenol

Concen: 104.55 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:112 Resp: 1559249

Ion Ratio Lower Upper

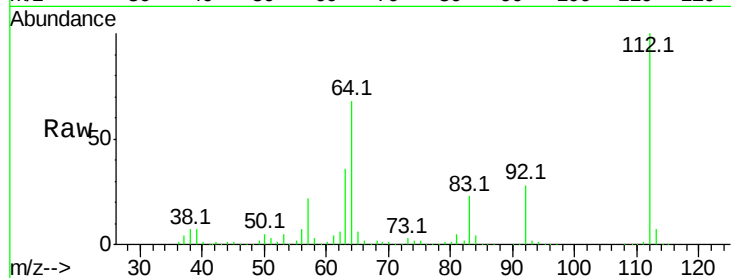
112 100

64 68.0 48.9 73.3

63 35.7 28.1 42.1

Manual Integrations
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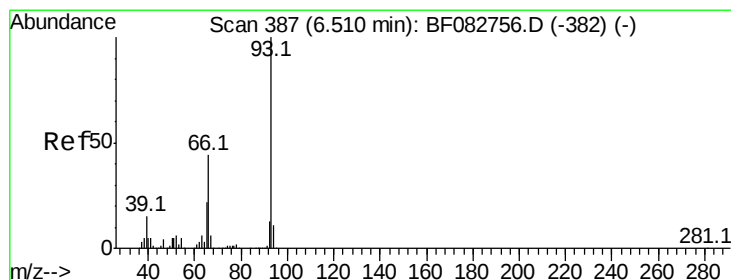
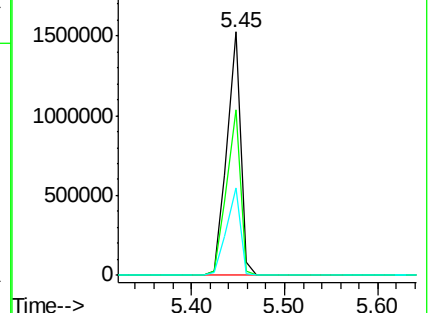
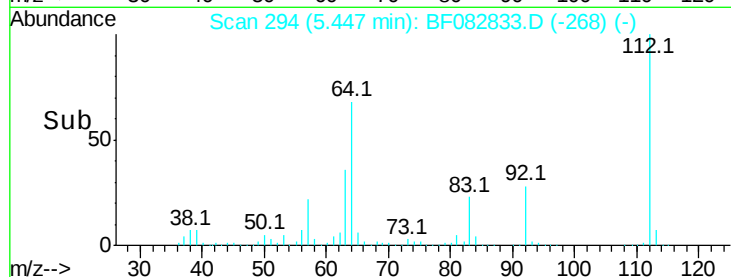
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11/10/2015 1:02:25 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.83 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

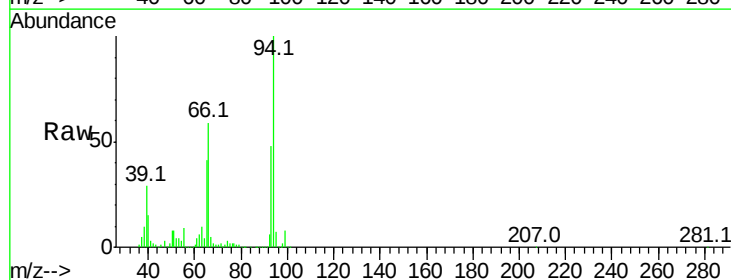
Tgt Ion: 93 Resp: 663283

Ion Ratio Lower Upper

93 100

66 122.3 33.6 50.4#

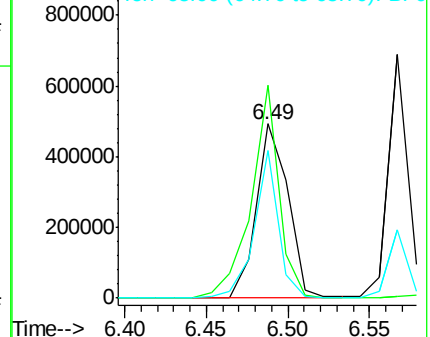
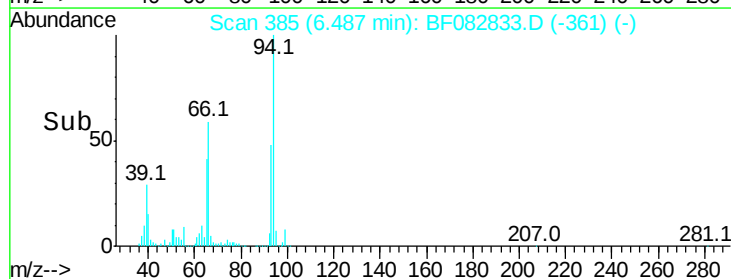
65 84.6 18.1 27.1#

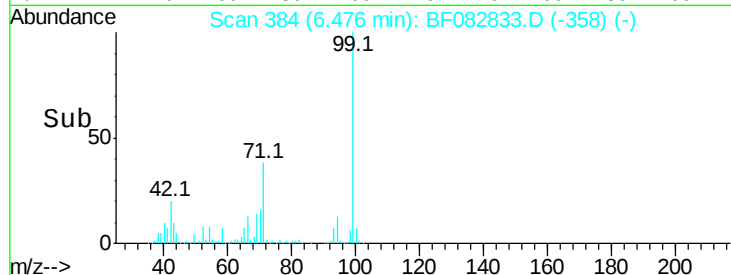
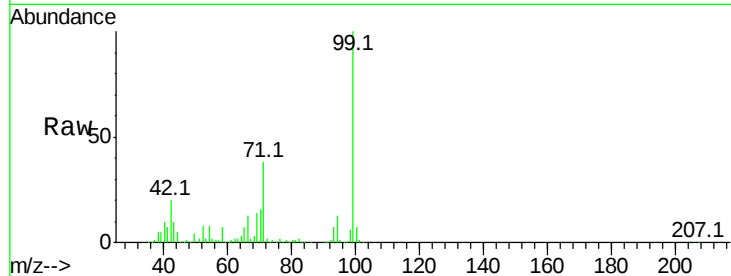
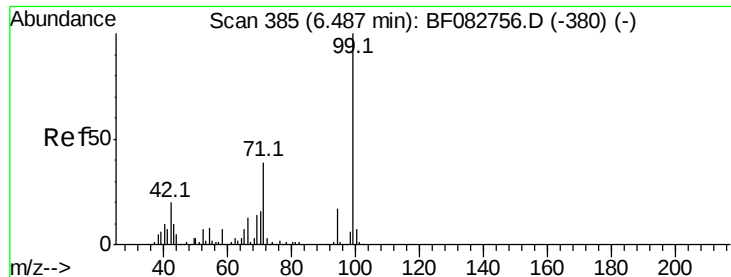


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.84 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tot Ion: 99 Resp: 2138280

Ion Ratio Lower Upper

99 100

42 19.6 19.2 28.8

71 37.9 35.0 52.4

Instrument :

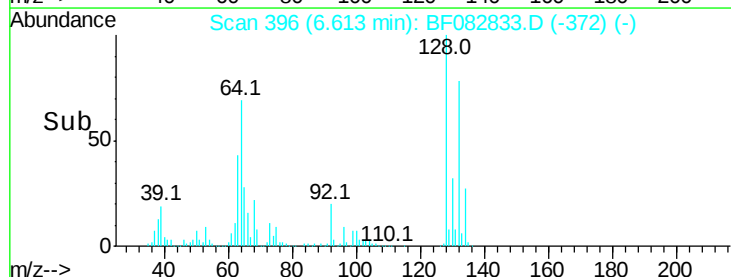
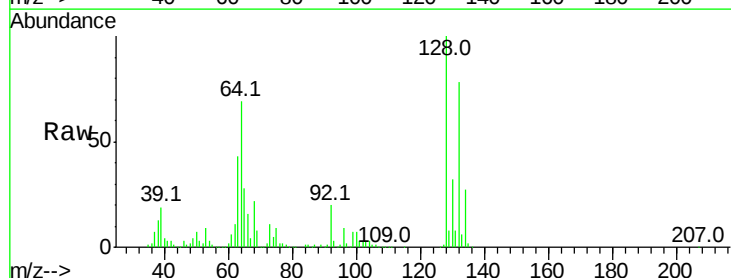
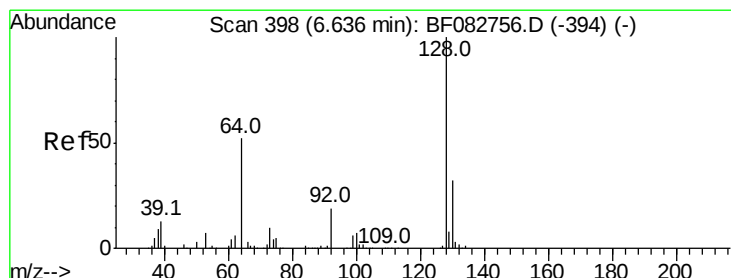
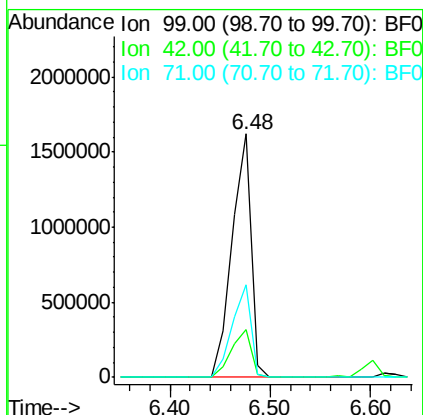
BNA_F

ClientSampleId :

PB86498BS

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#8

2-Chlorophenol

Concen: 34.34 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

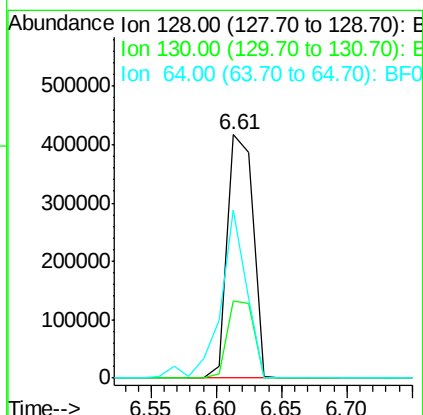
Tgt Ion:128 Resp: 567829

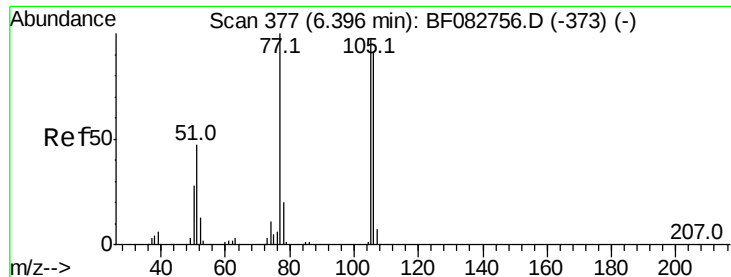
Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

64 69.2 21.1 61.1#





#9

Benzaldehyde

Concen: 5.89 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

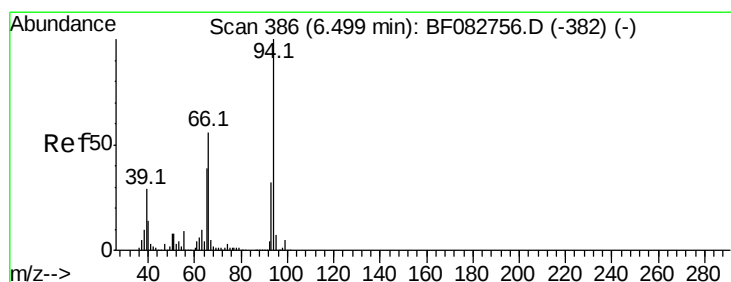
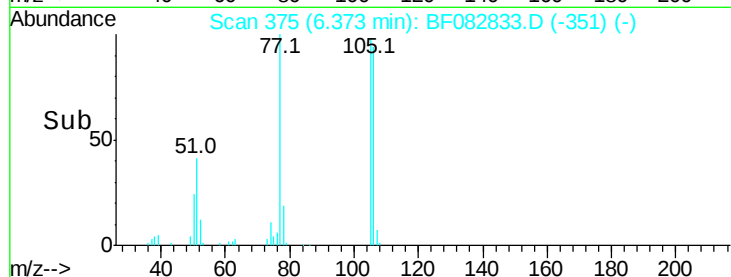
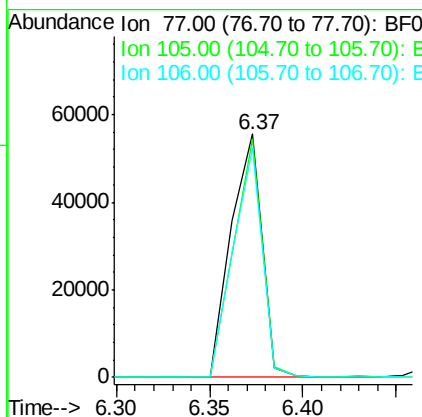
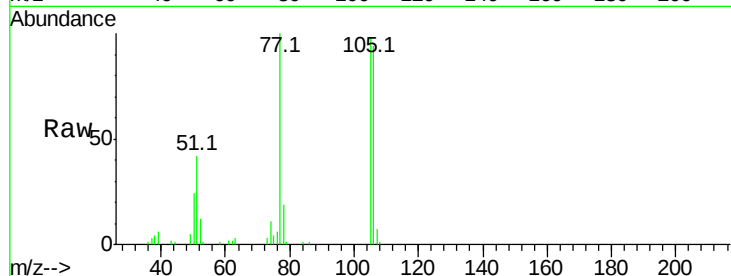
ClientSampleId :

PB86498BS

Manual Integrations
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Tot Ion	Ratio	Lower	Upper
77	100		
105	97.8	63.5	103.5
106	94.0	59.3	99.3



#10

Phenol

Concen: 39.91 ng

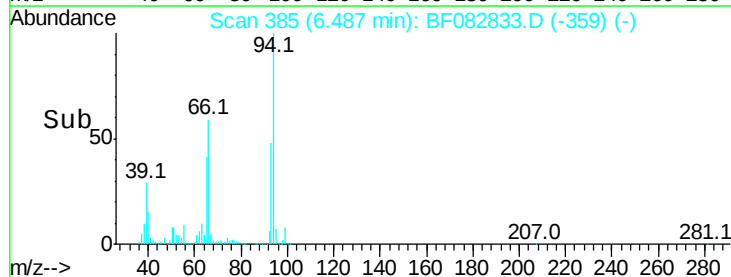
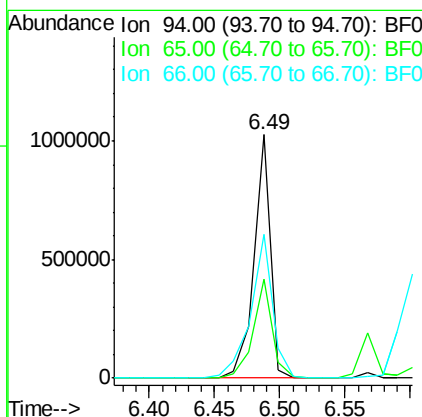
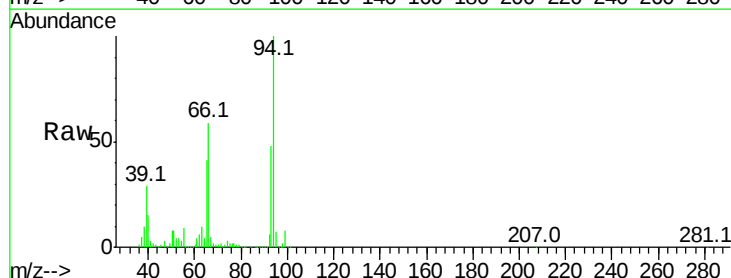
RT: 6.49 min Scan# 385

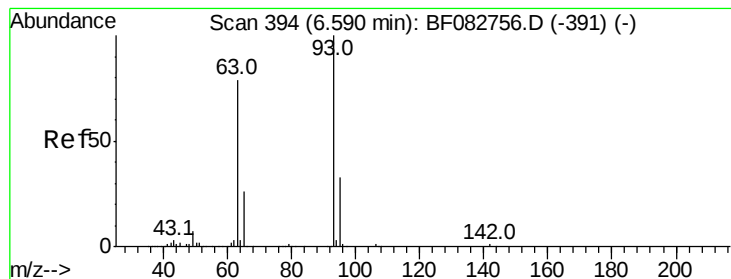
Delta R.T. 0.00 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.7	18.9	58.9
66	58.8	34.9	74.9





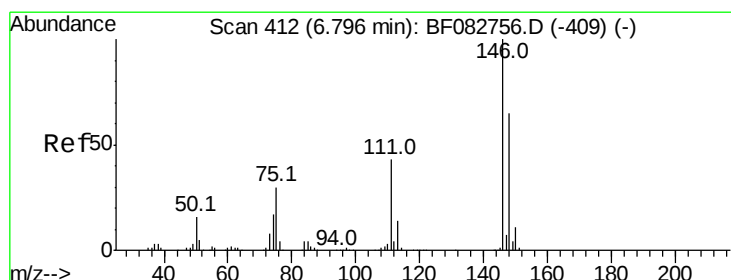
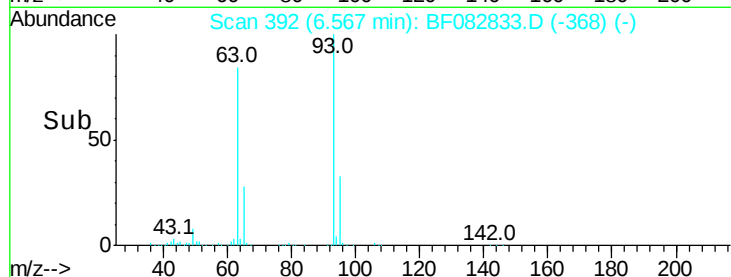
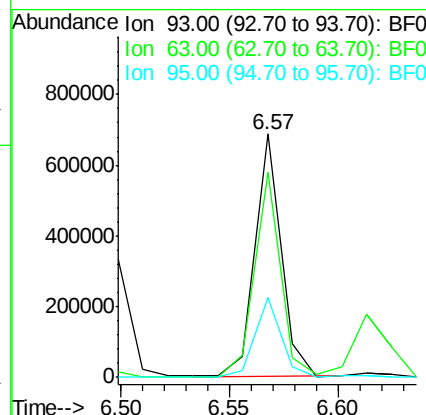
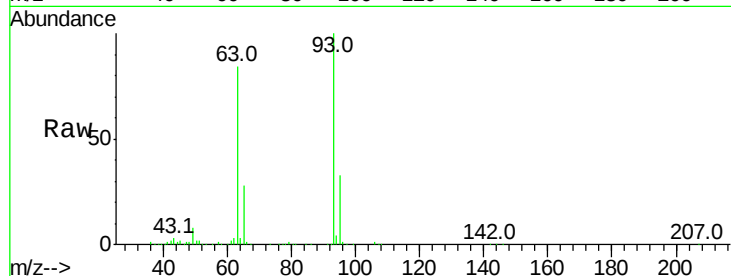
#11
bis(2-Chloroethyl)ether
Concen: 34.18 ng
RT: 6.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	84.3	72.7	112.7
95	33.0	12.0	52.0

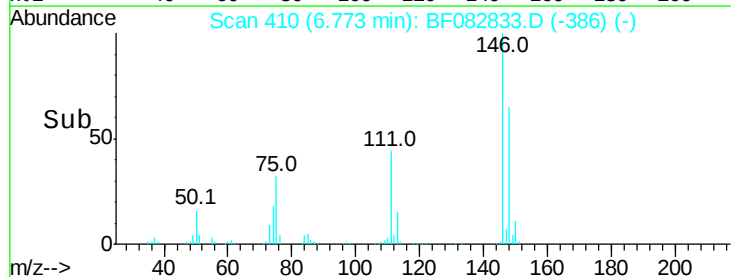
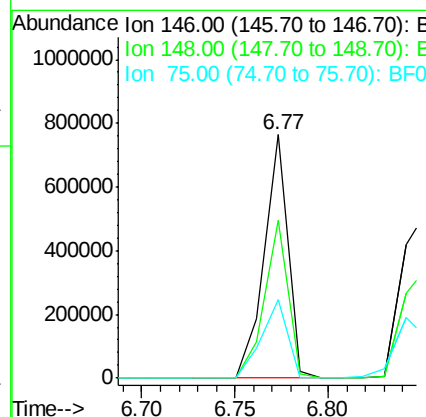
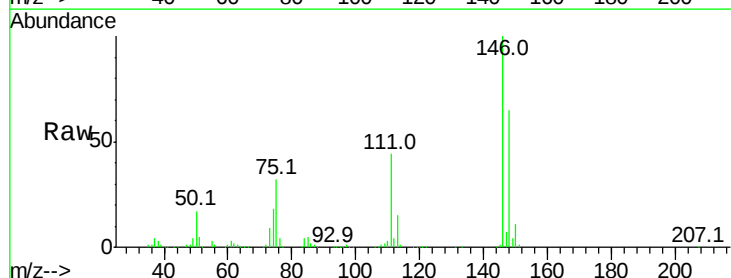
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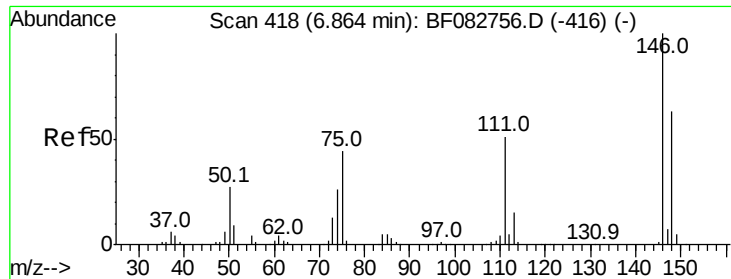
Mmdadoda
11/10/2015 1:02:25 PM



#12
1,3-Dichlorobenzene
Concen: 35.78 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	32.5	39.5	59.3





#13

1,4-Dichlorobenzene

Concen: 33.62 ng m

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

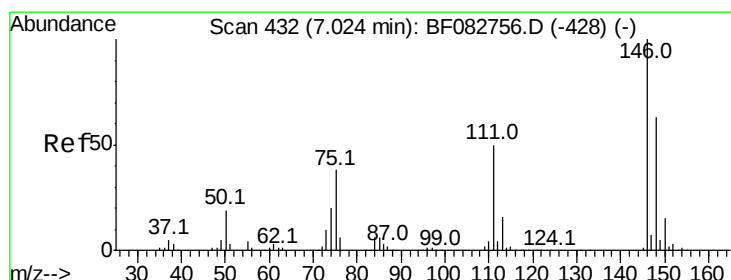
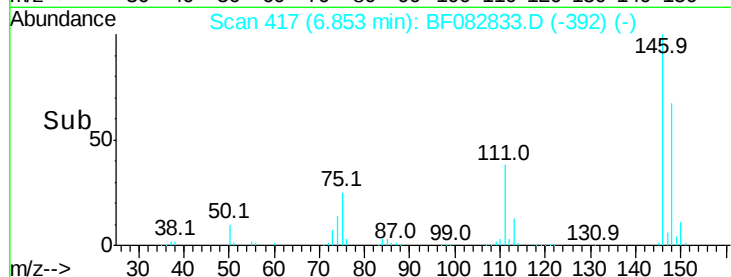
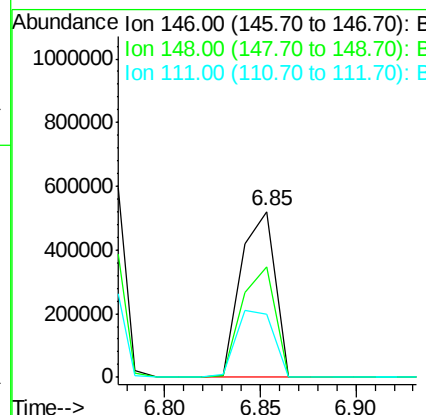
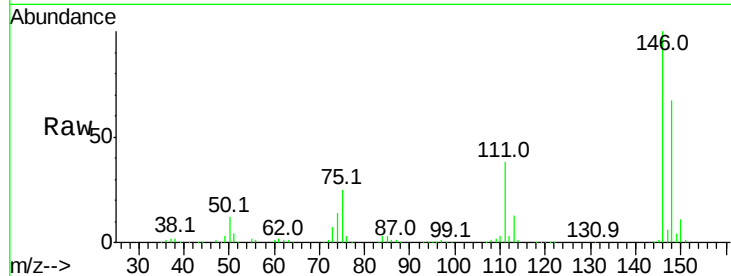
ClientSampleId :

PB86498BS

Tot Ion:	146	Resp:	652217
Ion Ratio	Lower	Upper	
146	100		
148	66.7	50.8	76.2
111	38.3	40.6	60.8#

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11/10/2015 1:02:25 PM



#14

1,2-Dichlorobenzene

Concen: 34.37 ng

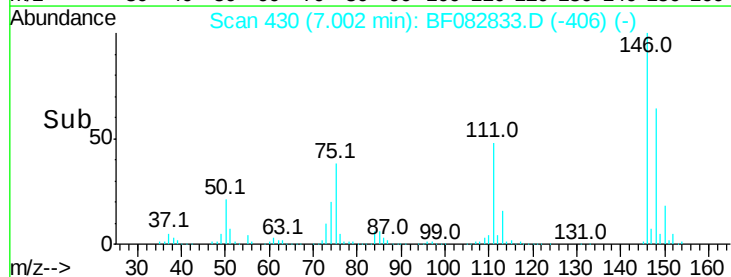
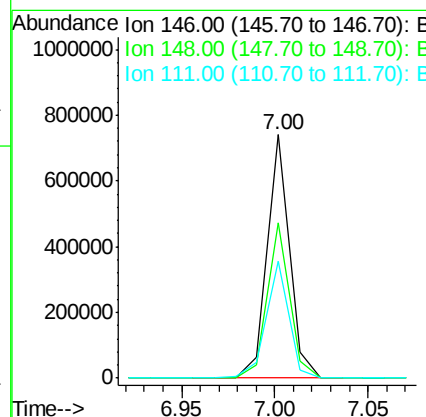
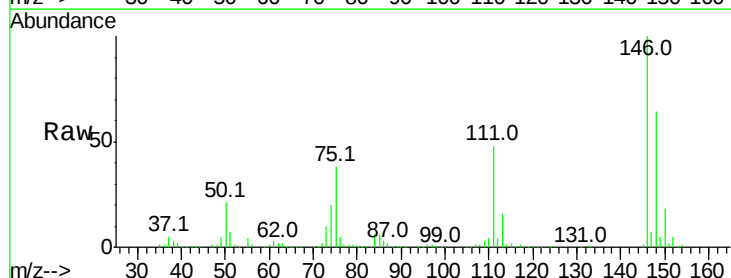
RT: 7.00 min Scan# 430

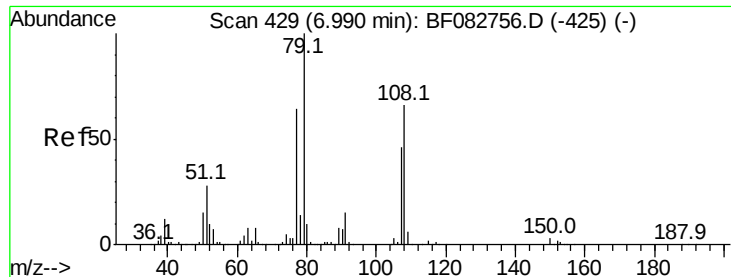
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	146	Resp:	606328
Ion Ratio	Lower	Upper	
146	100		
148	63.7	52.2	78.4
111	48.1	36.6	55.0





#15

Benzyl Alcohol

Concen: 36.59 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

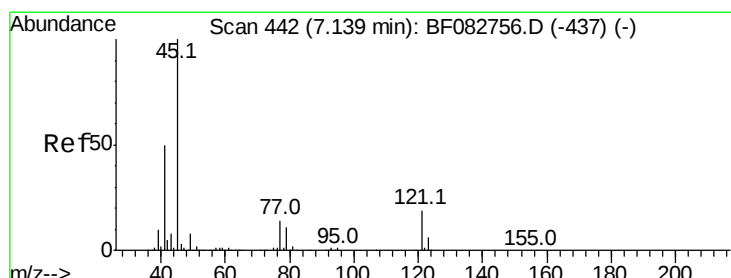
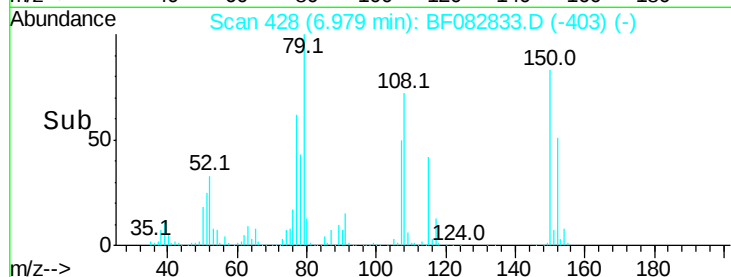
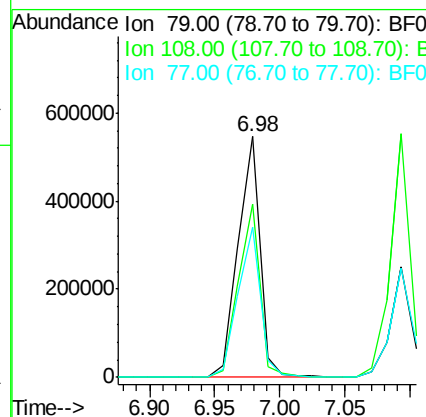
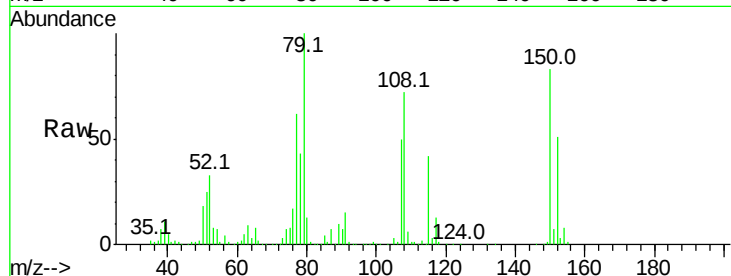
ClientSampleId :

PB86498BS

Tot Ion:	79	Resp:	637079
Ion Ratio	Lower	Upper	
79	100		
108	71.8	52.2	78.4
77	62.3	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.34 ng

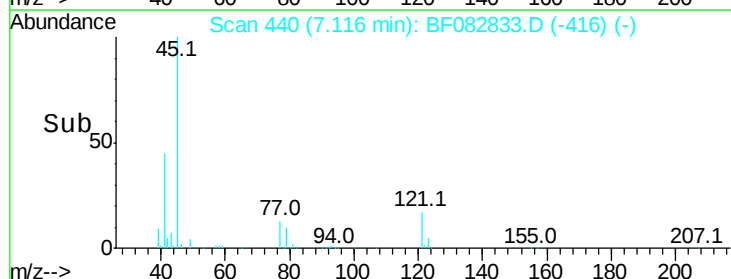
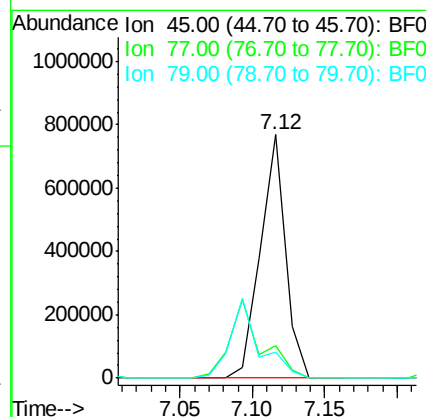
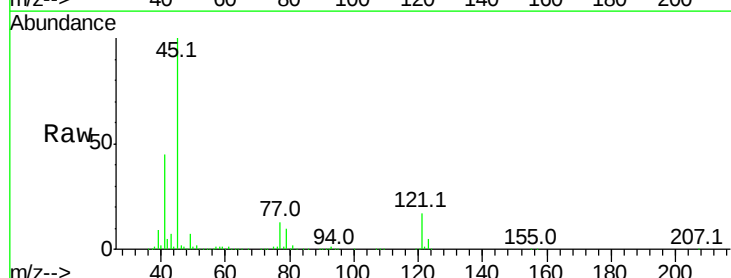
RT: 7.12 min Scan# 440

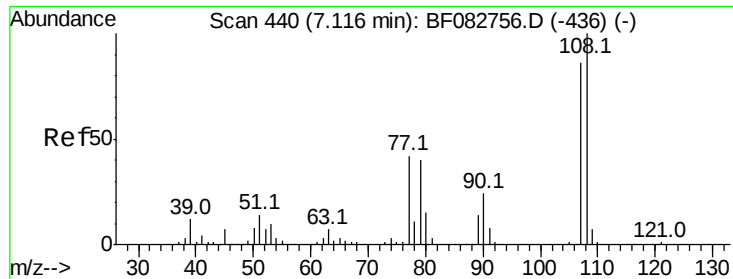
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	45	Resp:	921576
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	32.6
79	10.5	0.0	29.2





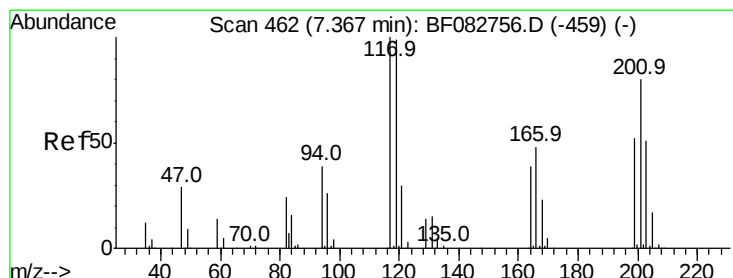
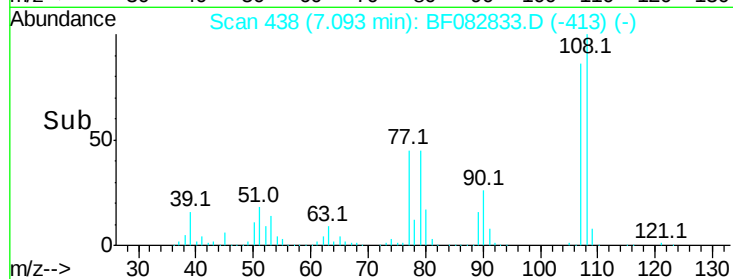
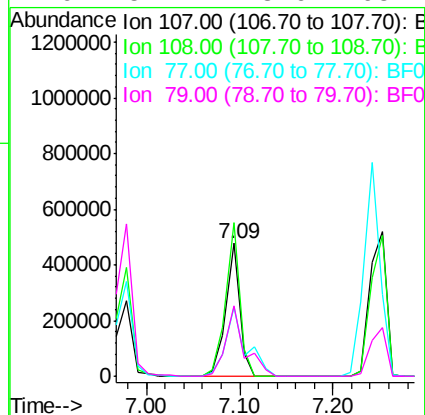
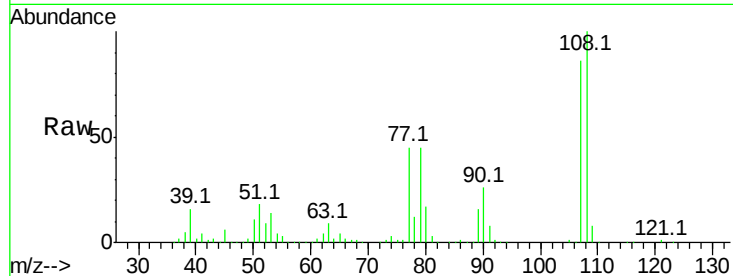
#17
2-Methylphenol
Concen: 35.85 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	93.0	139.4	
77	52.2	44.1	66.1	
79	52.7	43.6	65.4	

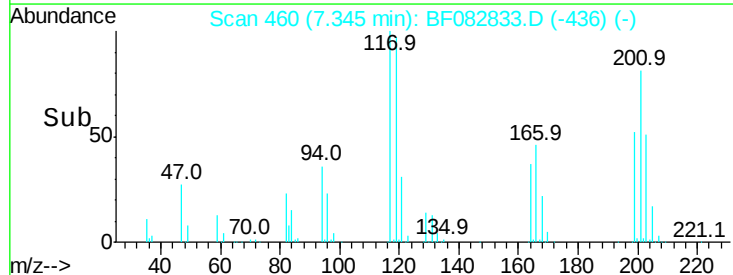
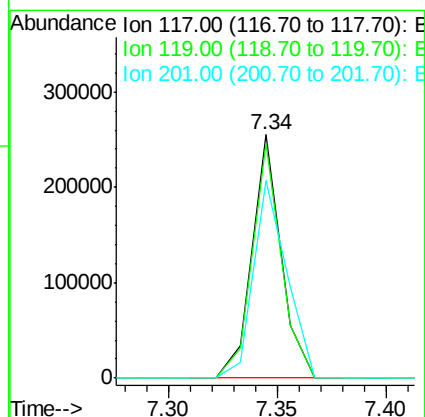
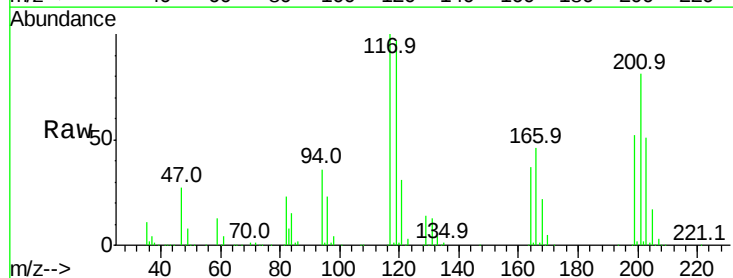
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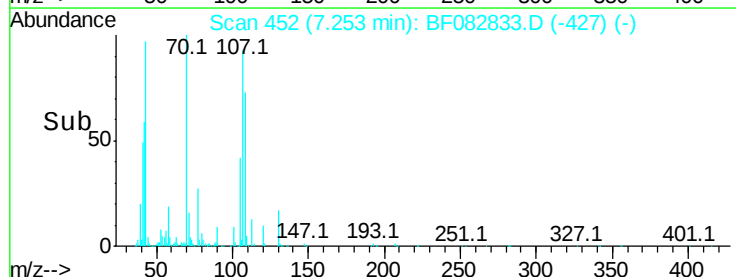
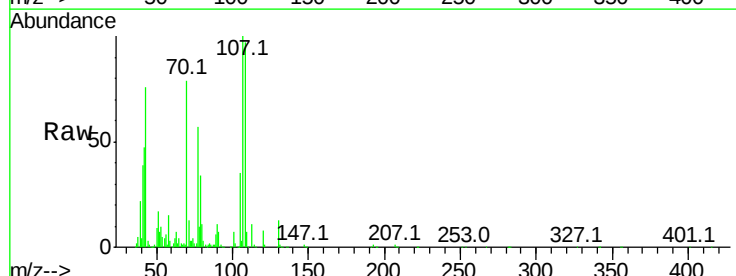
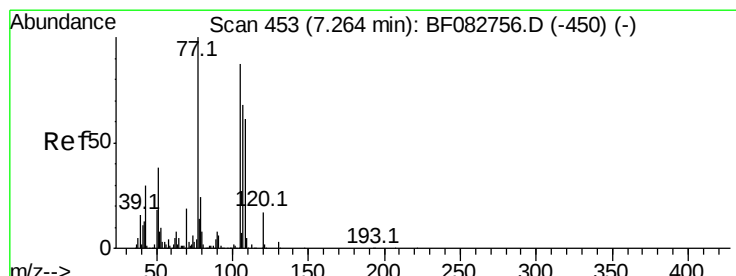
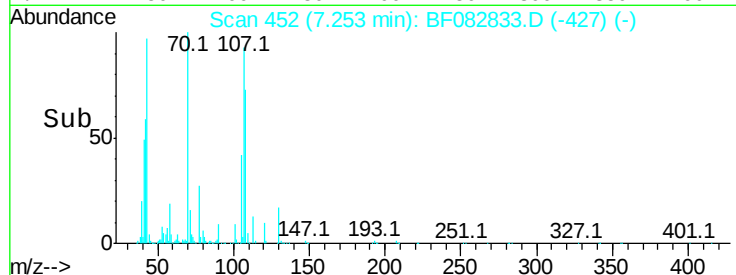
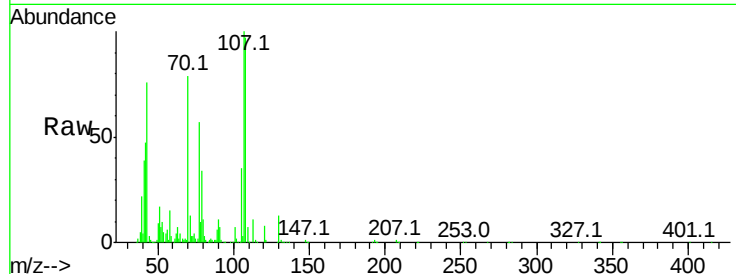
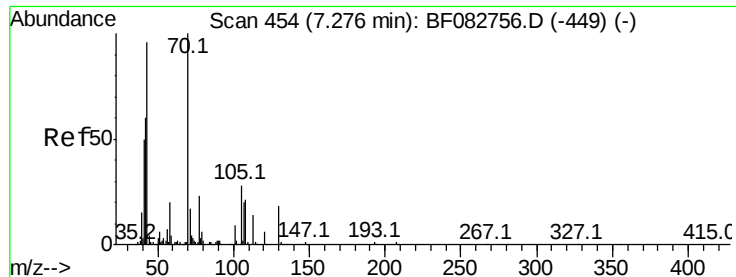
Mmdadoda
11/10/2015 1:02:25 PM



#18
Hexachloroethane
Concen: 34.06 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

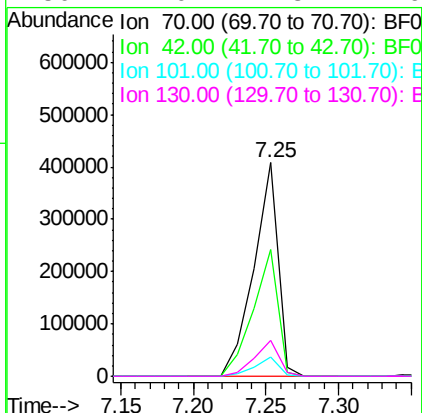
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.7	116.5	
201	81.0	66.7	100.1	





#19
n-Nitroso-di-n-propylamine
Concen: 32.59 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		474985		
42	59.6	57.7	86.5		
101	8.8	7.0	10.6		
130	17.0	11.8	17.6		



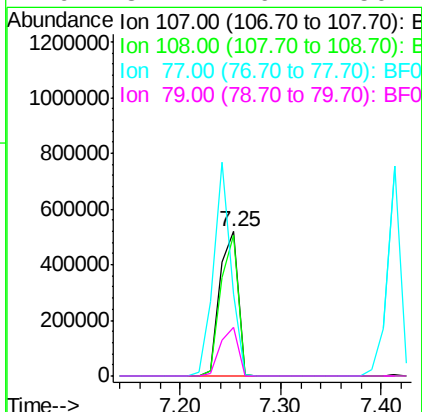
Instrument :
BNA_F
ClientSampleId :
PB86498BS

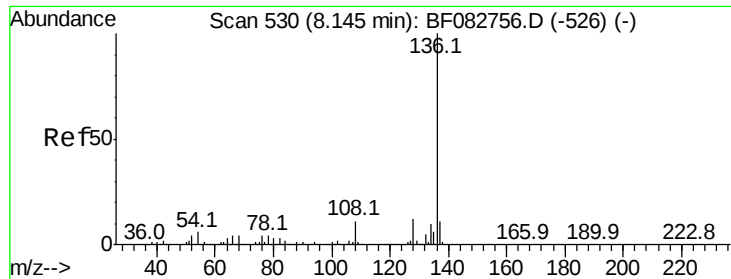
Manual Integrations
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Mmdadoda
11/10/2015 1:02:25 PM

#20
3+4-Methylphenols
Concen: 36.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		658007		
108	97.2	67.3	107.3		
77	56.9	100.3	140.3#		
79	34.1	16.2	56.2		





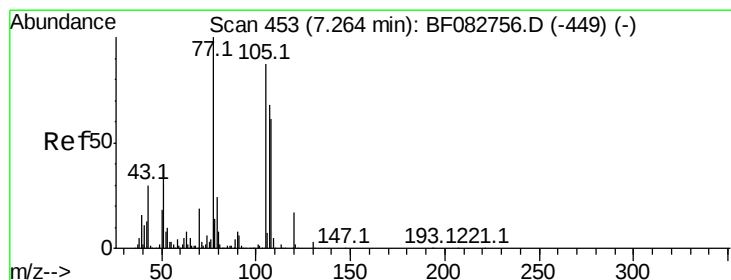
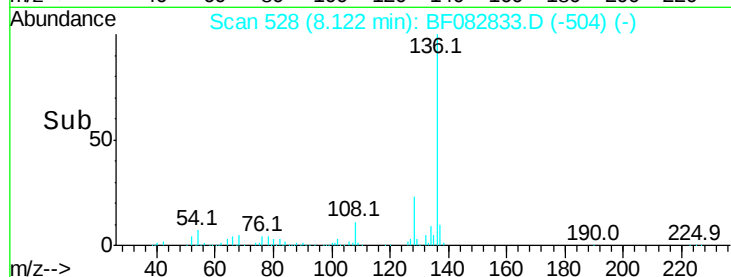
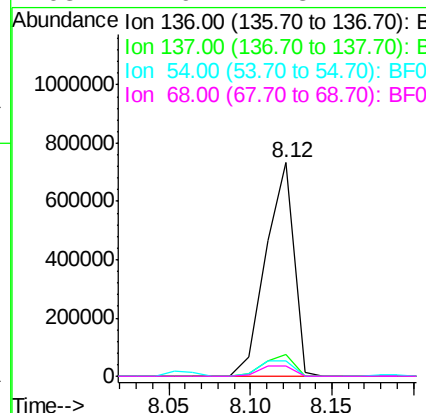
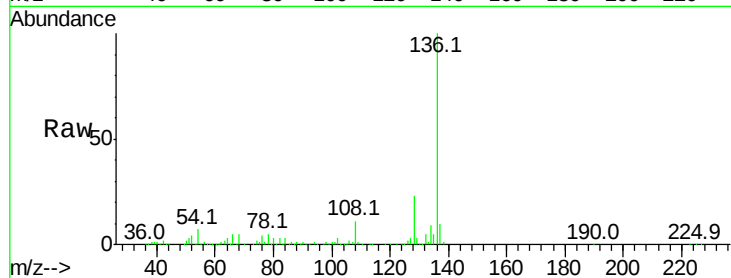
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.1	13.7	
54	7.2	9.1	13.7#	
68	4.9	4.8	7.2	

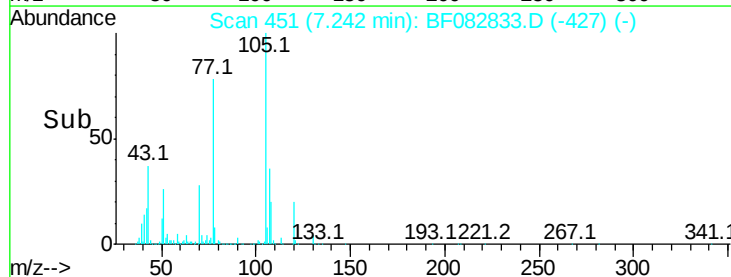
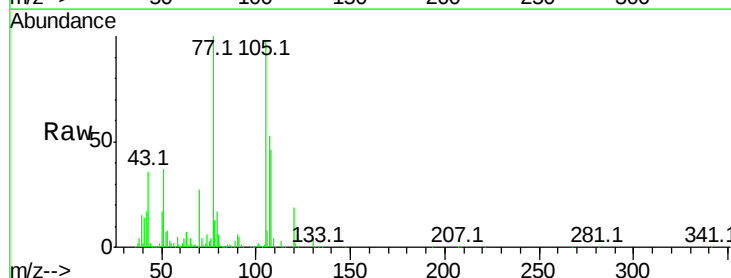
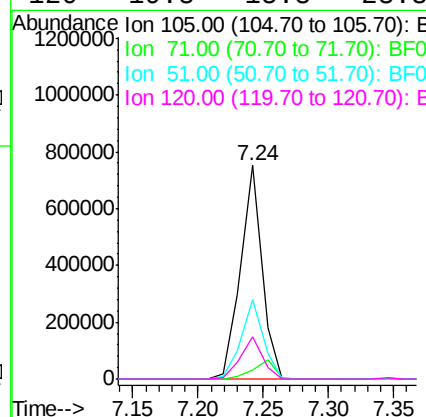
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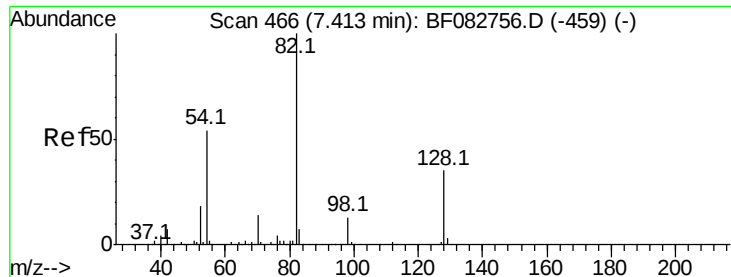
Mmdadoda
11/10/2015 1:02:25 PM



#22
Acetophenone
Concen: 34.03 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	5.6	8.4#	
51	37.3	24.9	37.3#	
120	19.8	15.8	23.8	





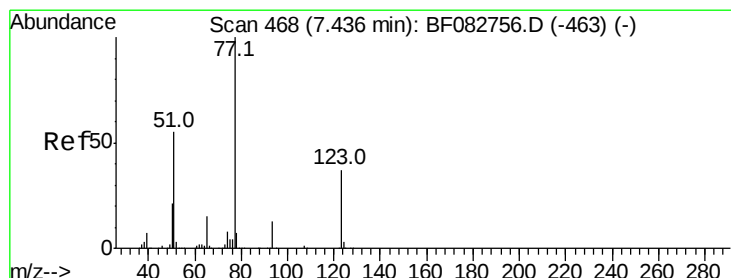
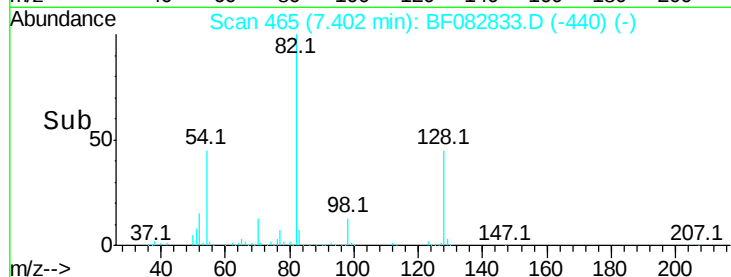
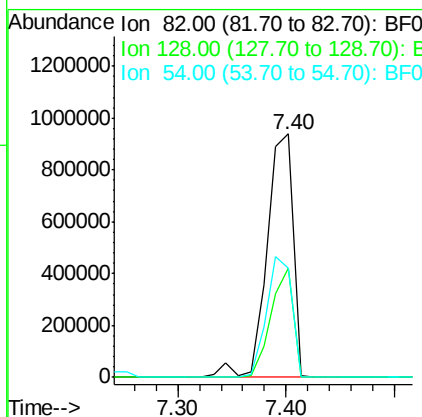
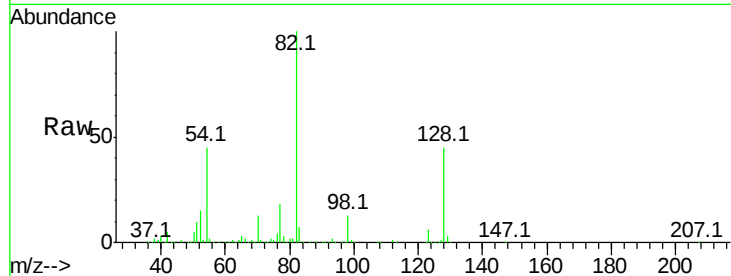
#23
Nitrobenzene-d5
Concen: 77.90 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion: 82 Resp: 1571062
Ion Ratio Lower Upper
82 100
128 44.8 26.8 40.2#
54 45.0 45.7 68.5#

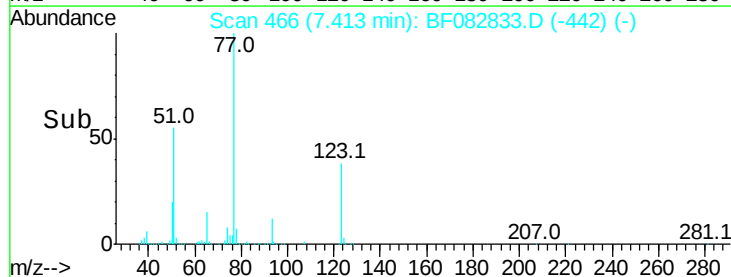
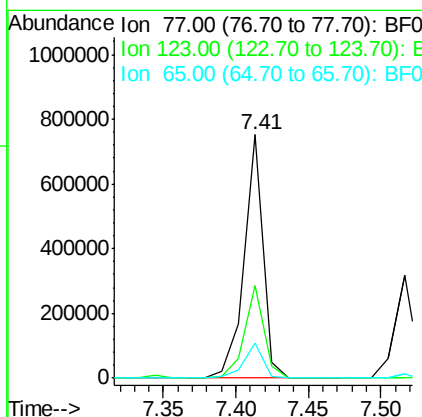
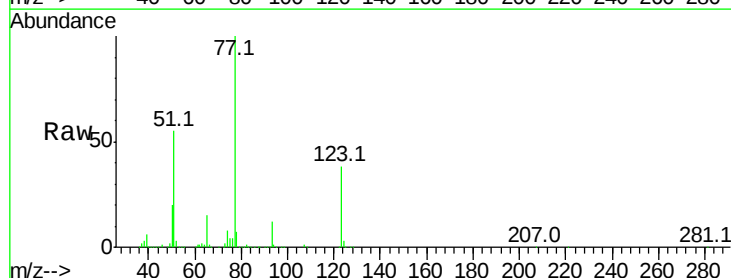
Manual Integrations
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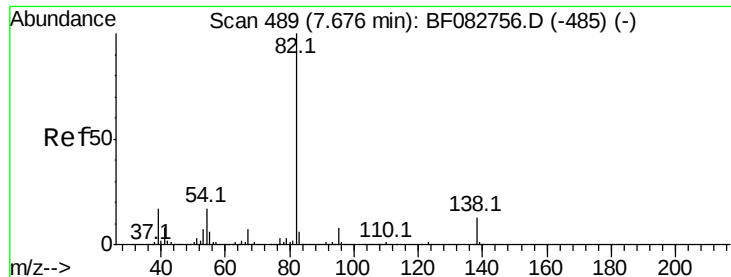
Mmdadoda
11/10/2015 1:02:25 PM



#24
Nitrobenzene
Concen: 33.00 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion: 77 Resp: 680608
Ion Ratio Lower Upper
77 100
123 38.1 36.4 54.6
65 14.6 11.5 17.3





#25

Isophorone

Concen: 34.76 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion: 82 Resp: 1296949

Ion Ratio Lower Upper

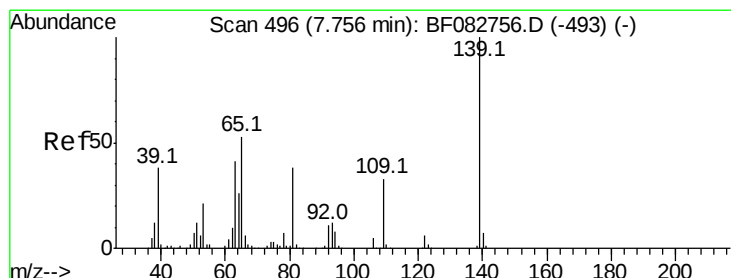
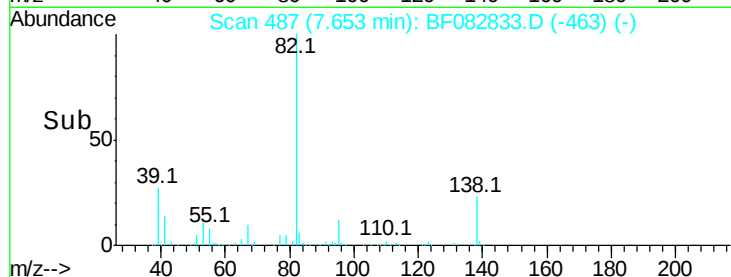
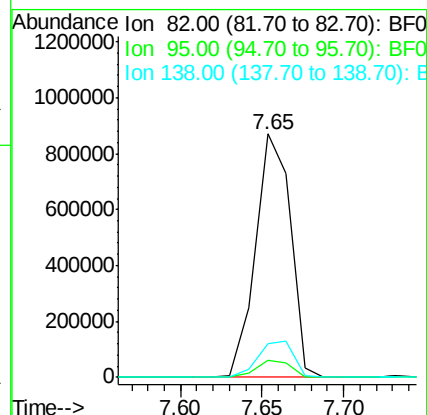
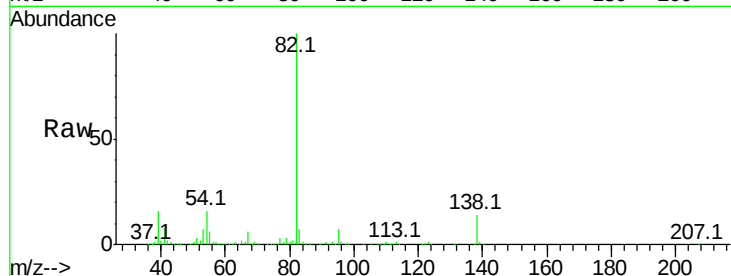
82 100

95 6.9 6.6 9.8

138 13.8 11.4 17.0

Manual Integrations
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11/10/2015 1:02:25 PM



#26

2-Nitrophenol

Concen: 38.98 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

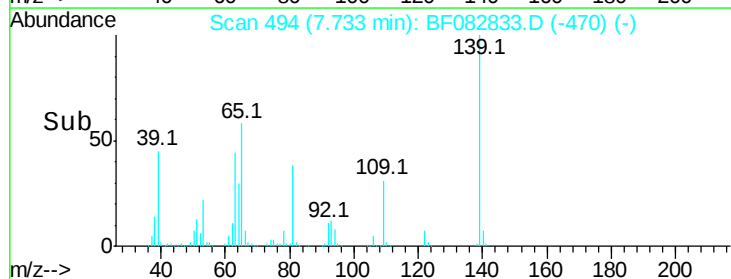
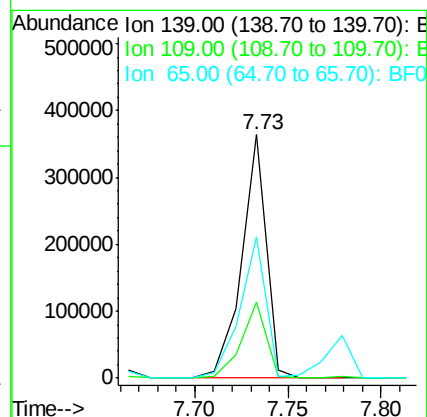
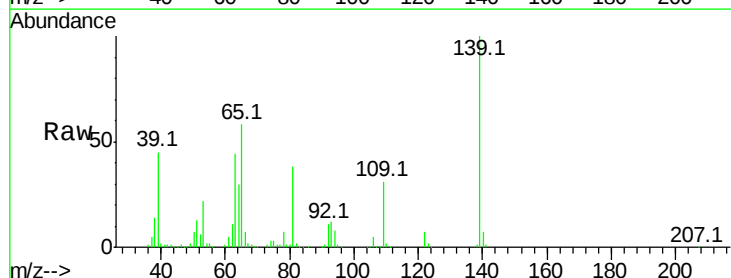
Tgt Ion: 139 Resp: 335568

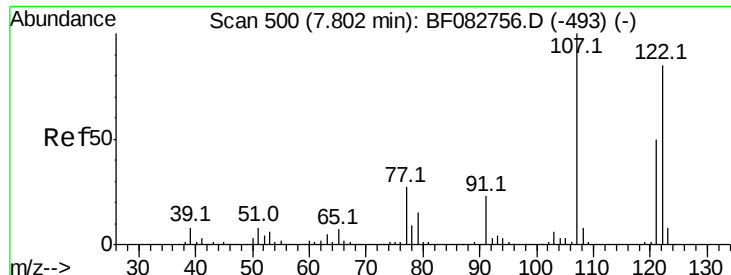
Ion Ratio Lower Upper

139 100

109 31.0 37.6 56.4#

65 57.8 70.6 105.8#





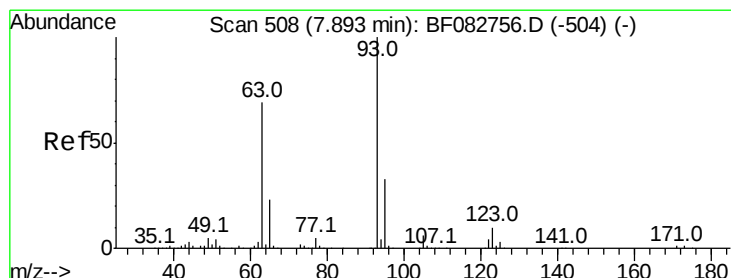
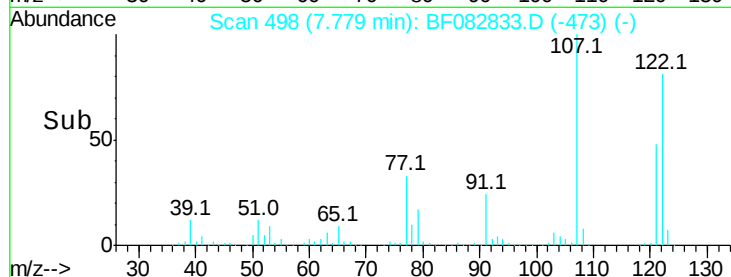
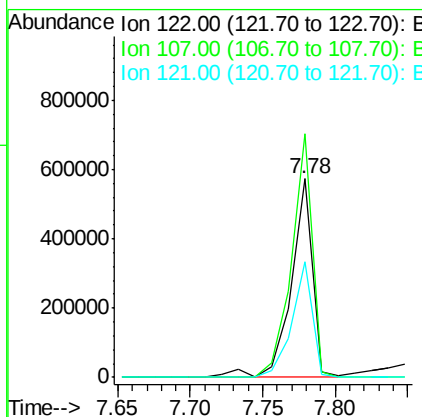
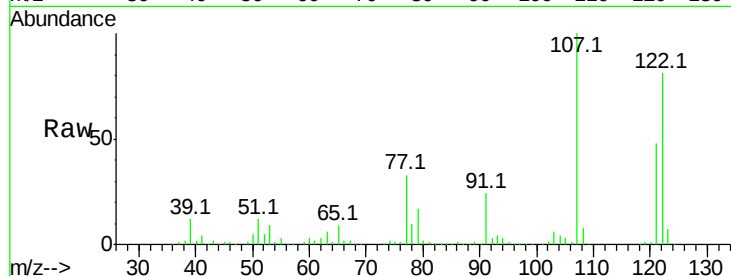
#27
2,4-Dimethylphenol
Concen: 37.77 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	584174		
107	122.8	106.0	159.0	
121	58.6	46.7	70.1	

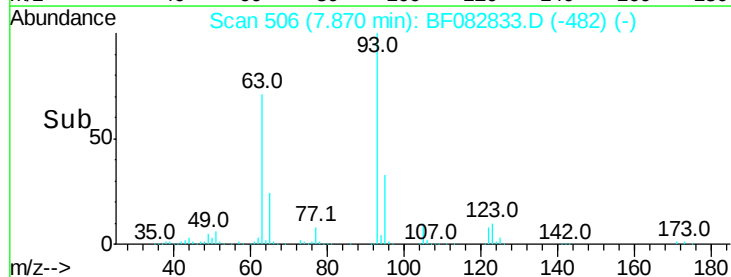
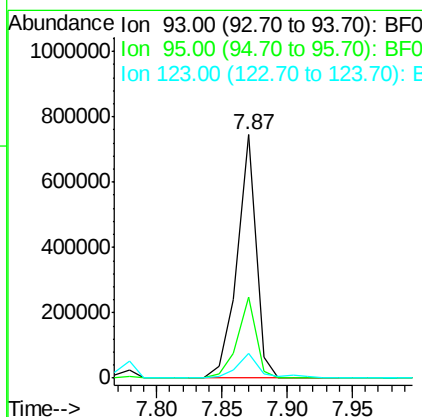
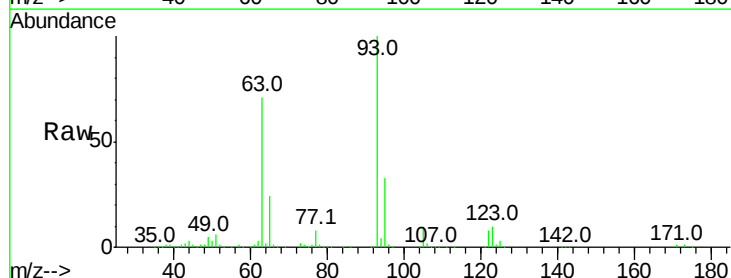
Manual Integrations
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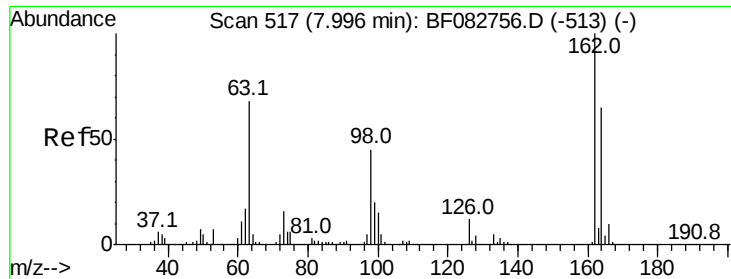
Mmdadoda
11/10/2015 1:02:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.50 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	747181		
95	33.1	26.6	40.0	
123	10.2	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 36.05 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

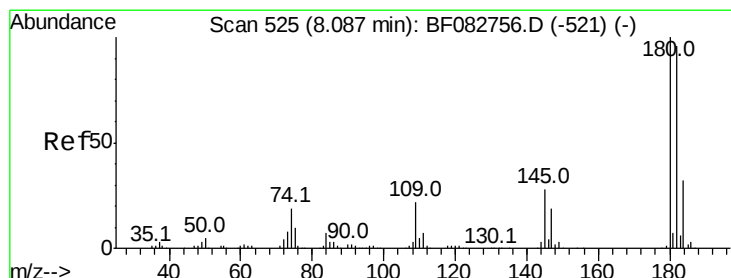
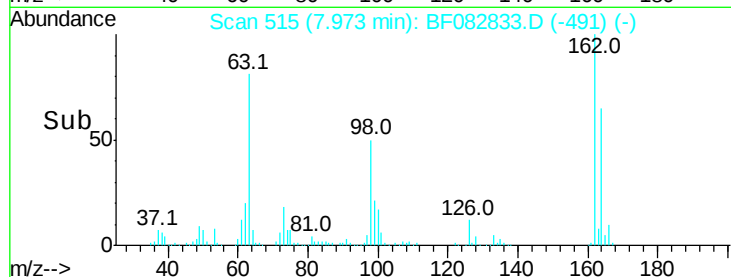
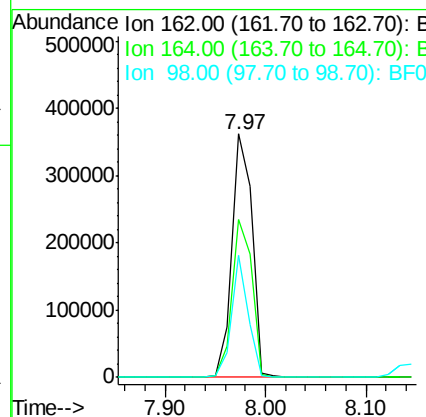
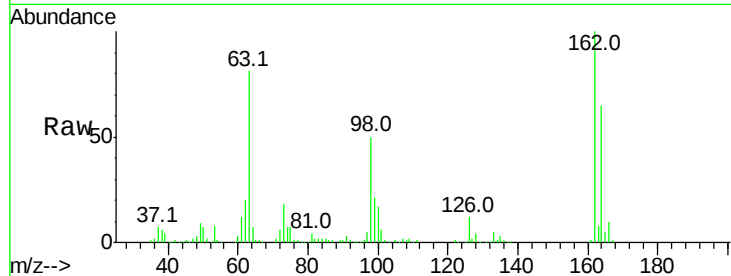
ClientSampleId :

PB86498BS

Tot Ion:	162	Resp:	503910
Ion Ratio	Lower	Upper	
162	100		
164	64.8	46.8	86.8
98	49.9	12.5	52.5

Manual Integrations
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11/10/2015 1:02:25 PM



#30

1,2,4-Trichlorobenzene

Concen: 35.97 ng

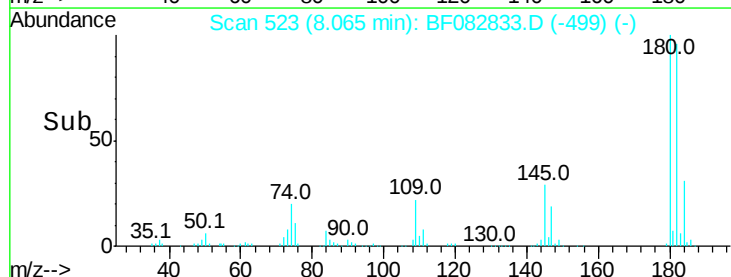
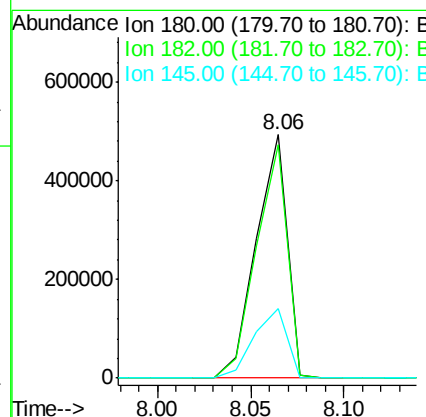
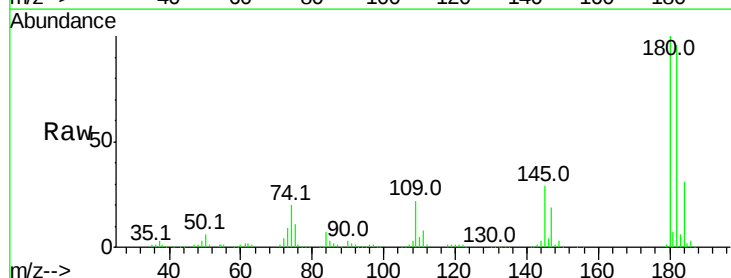
RT: 8.06 min Scan# 523

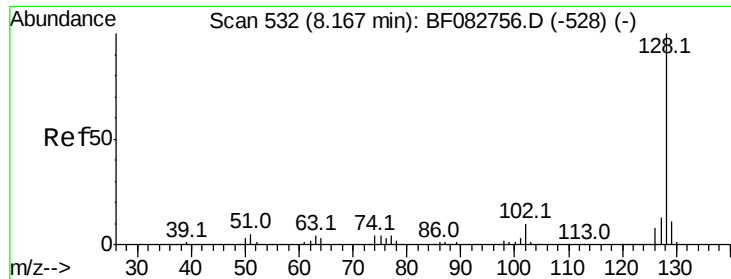
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	180	Resp:	565534
Ion Ratio	Lower	Upper	
180	100		
182	95.7	74.9	112.3
145	28.6	27.8	41.8





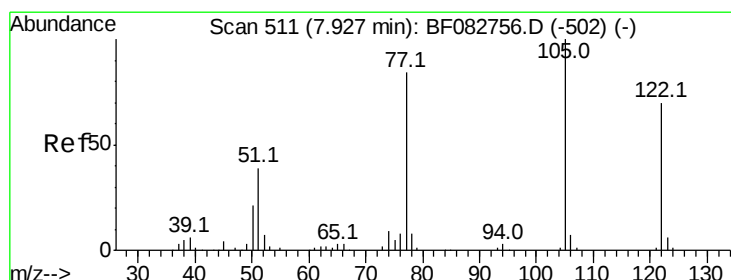
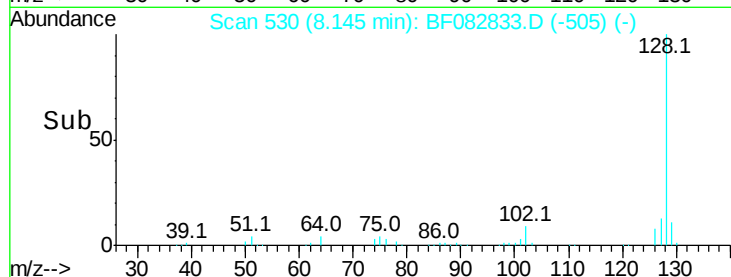
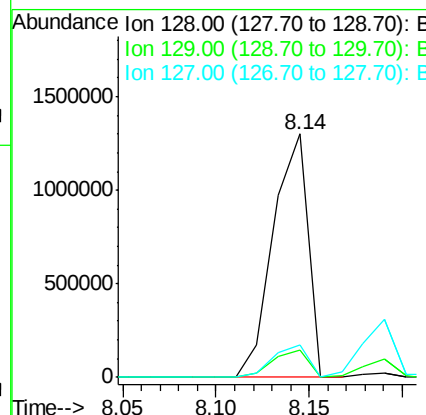
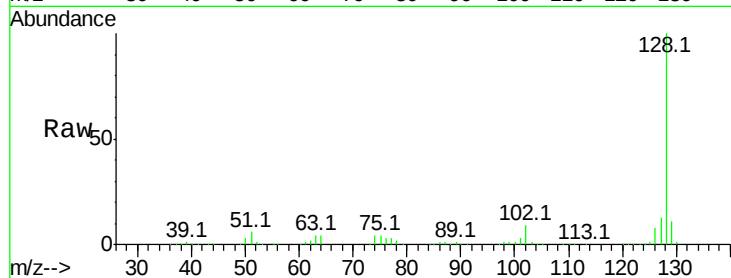
#31
Naphthalene
Concen: 34.83 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:128 Resp: 1686178
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 13.5 11.4 17.0

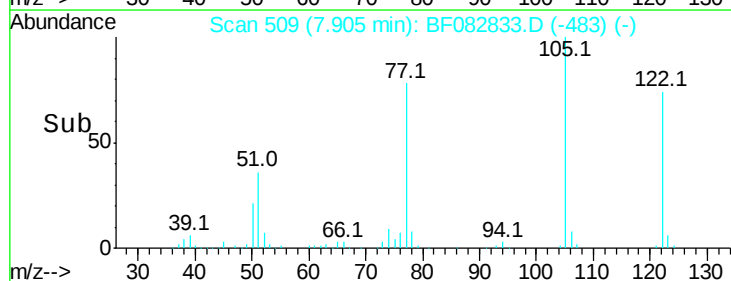
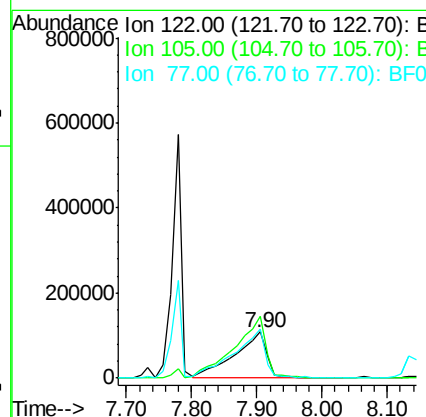
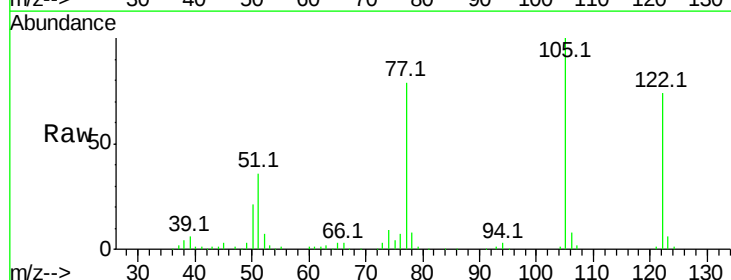
Manual Integrations
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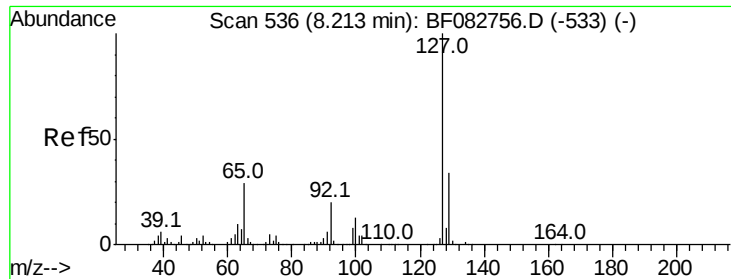
Mmdadoda
11/10/2015 1:02:25 PM



#32
Benzoic acid
Concen: 34.42 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:122 Resp: 364545
Ion Ratio Lower Upper
122 100
105 135.1 122.6 162.6
77 106.1 100.9 140.9





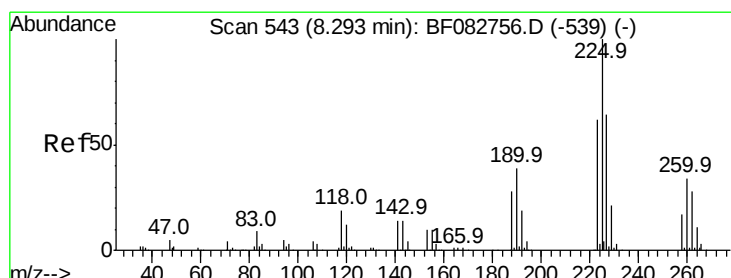
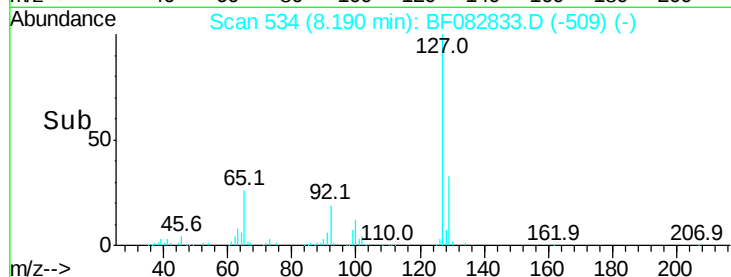
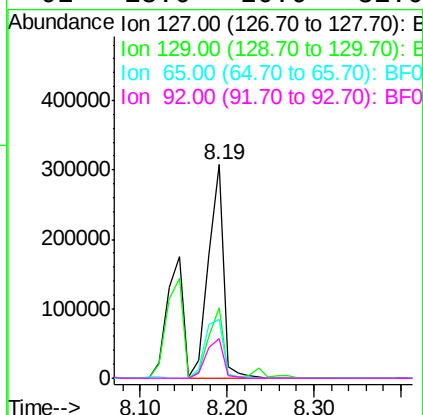
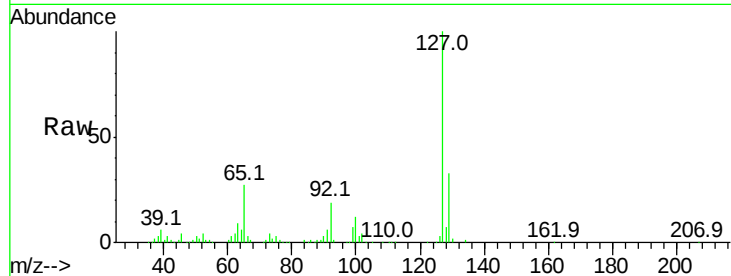
#33
4-Chloroaniline
Concen: 18.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.7	26.3	39.5	
65	27.4	37.8	56.8	
92	18.6	20.6	31.0	

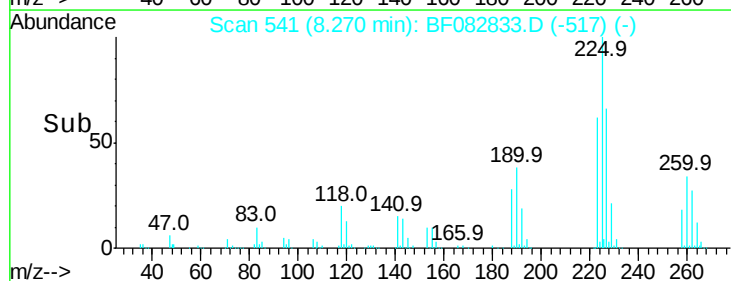
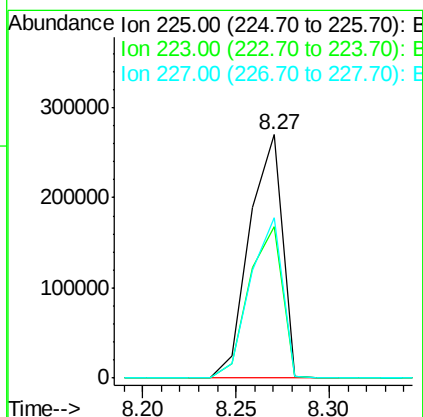
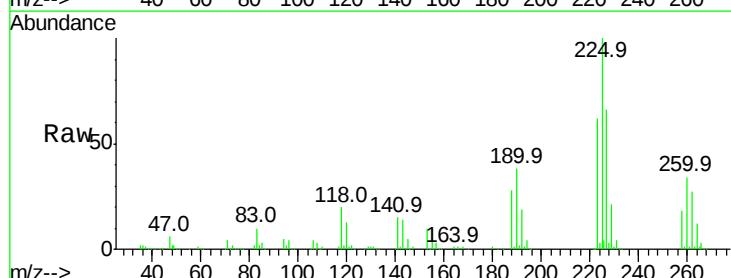
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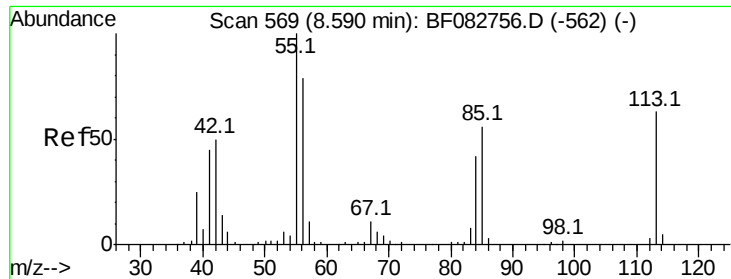
Mmdadoda
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#34
Hexachlorobutadiene
Concen: 33.85 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.5	75.7	
227	65.9	50.2	75.2	





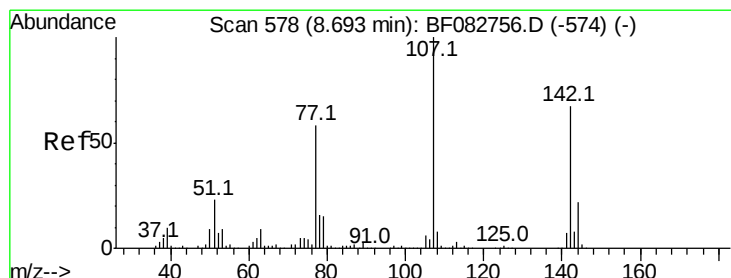
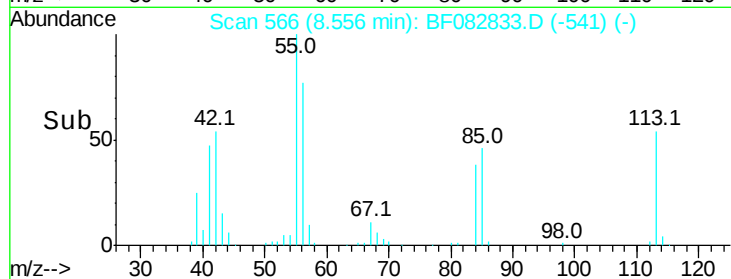
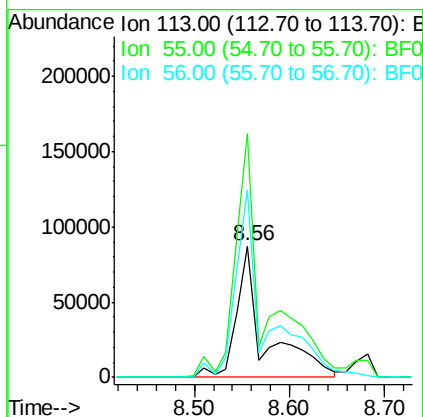
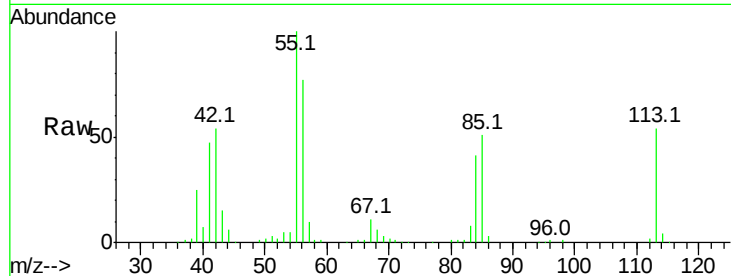
#35
Caprolactam
Concen: 41.02 ng/ml
RT: 8.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:113 Resp: 180789
Ion Ratio Lower Upper
113 100
55 185.5 195.5 235.5#
56 142.8 153.5 193.5#

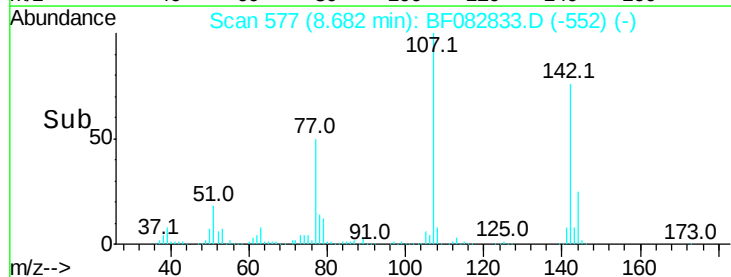
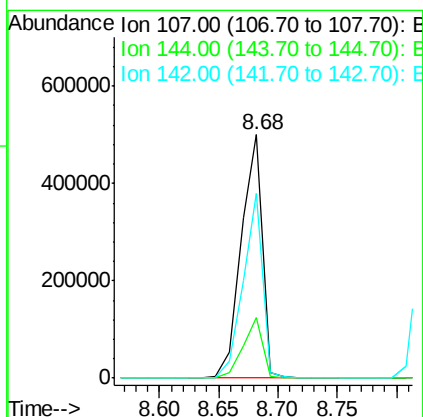
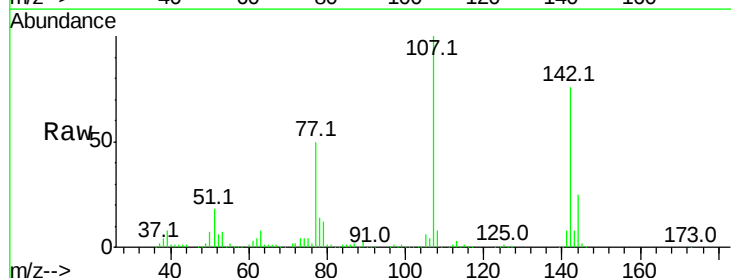
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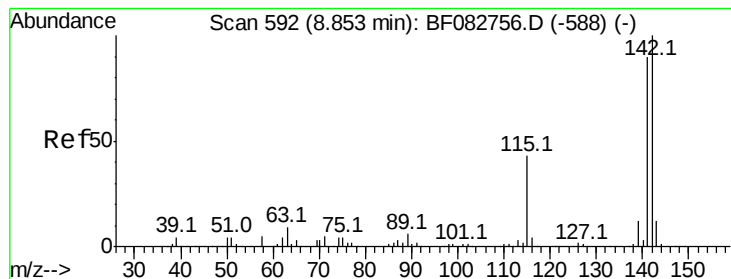
Mmdadoda
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#36
4-Chloro-3-methylphenol
Concen: 37.90 ng/ml
RT: 8.68 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:107 Resp: 623100
Ion Ratio Lower Upper
107 100
144 24.8 15.4 23.0#
142 75.7 47.8 71.8#





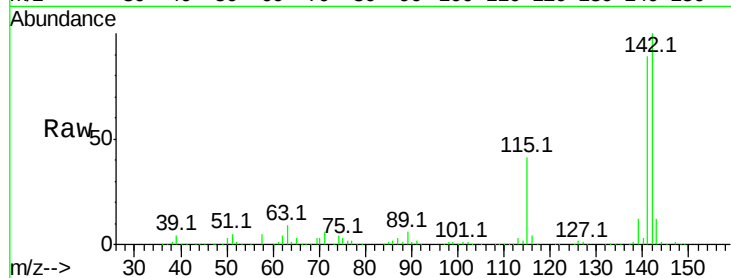
#37
2-Methylnaphthalene
Concen: 33.85 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

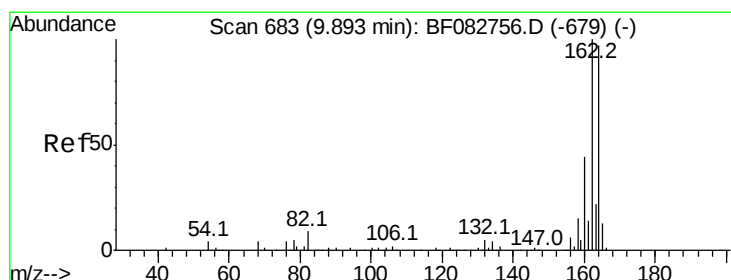
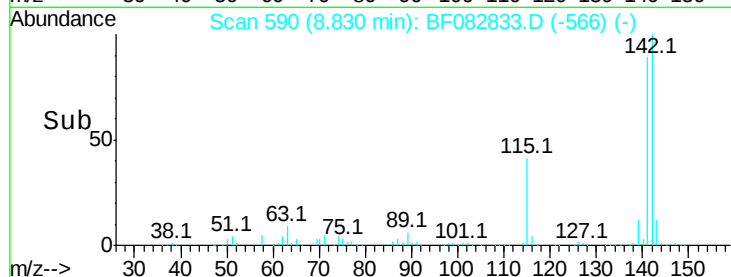
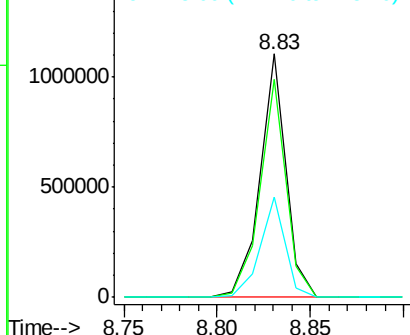
Tot Ion:142 Resp: 1060079
Ion Ratio Lower Upper
142 100
141 89.3 72.3 108.5
115 41.3 38.1 57.1

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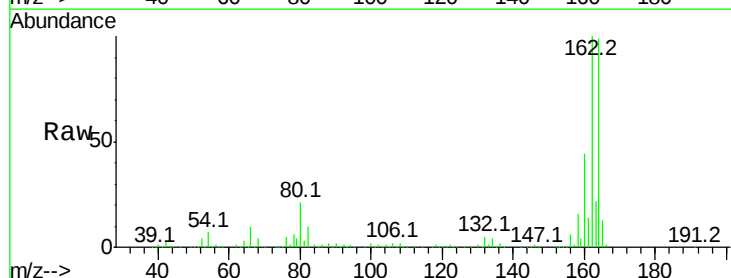


Abundance Ion 142.00 (141.70 to 142.70): E
1500000 Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

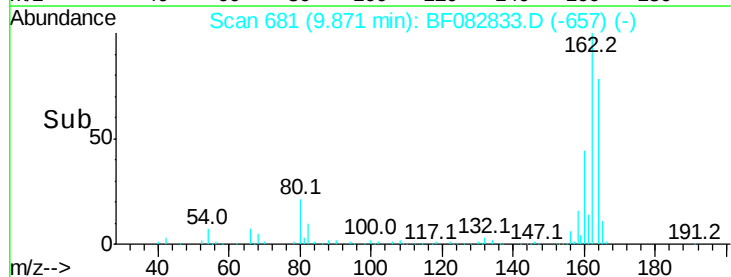
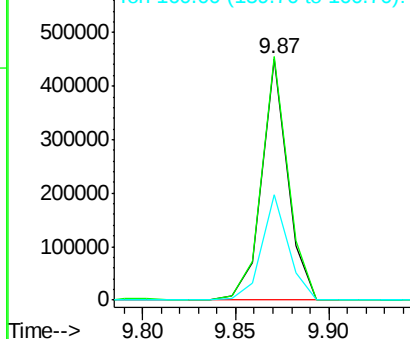


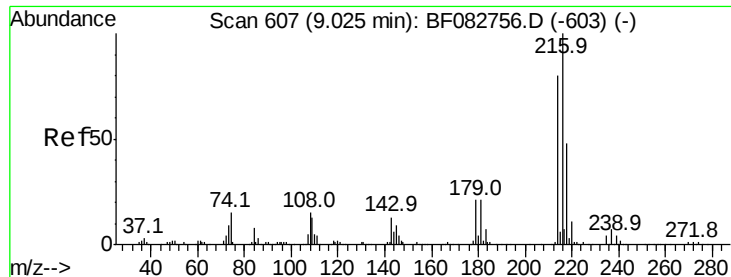
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:164 Resp: 430884
Ion Ratio Lower Upper
164 100
162 101.0 84.9 127.3
160 44.0 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
600000 Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.37 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

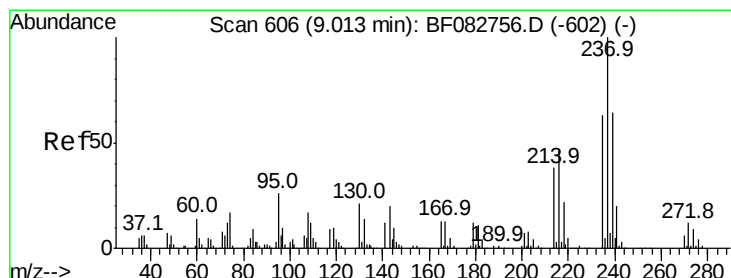
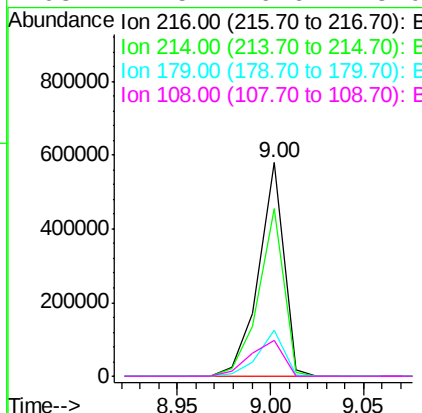
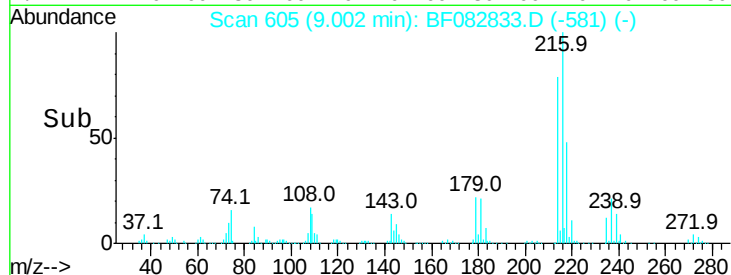
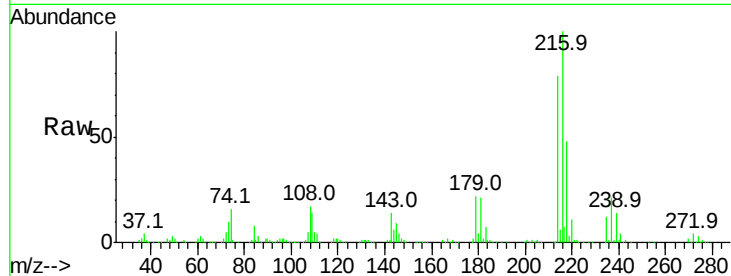
ClientSampleId :

PB86498BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	543261		
214	79.1	62.2	93.2	
179	21.8	18.1	27.1	
108	22.5	16.6	25.0	



#40

Hexachlorocyclopentadiene

Concen: 80.35 ng

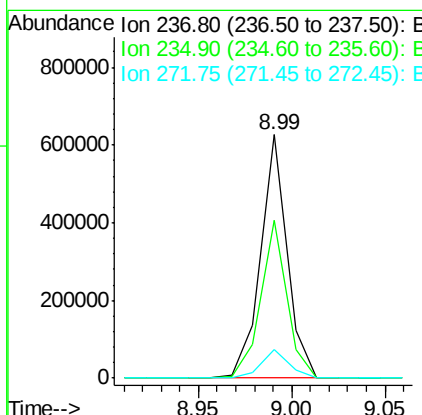
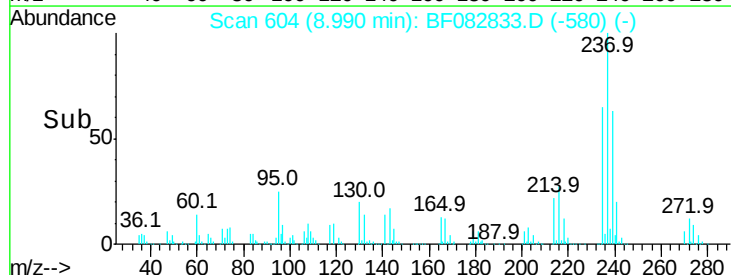
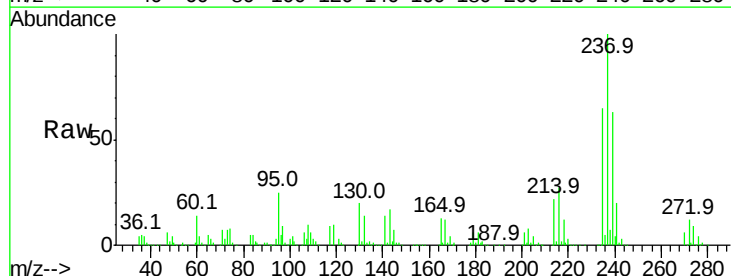
RT: 8.99 min Scan# 604

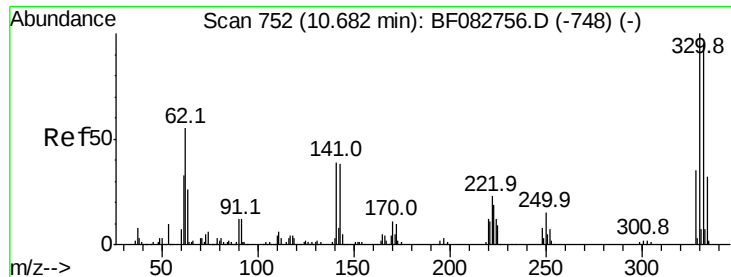
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	611255		
235	65.0	44.3	84.3	
272	11.6	0.0	31.9	





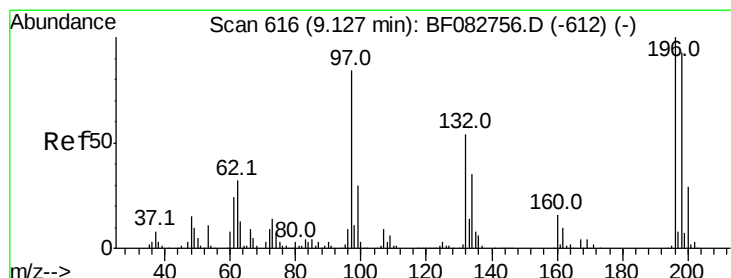
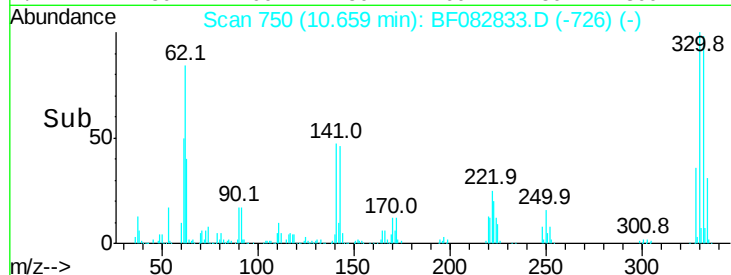
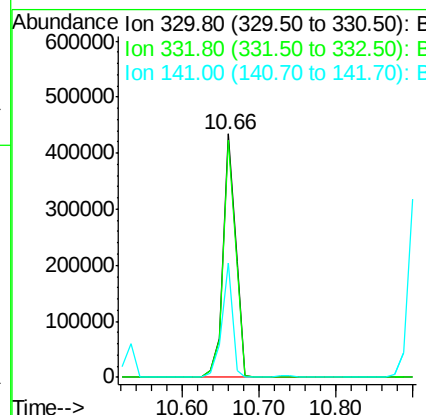
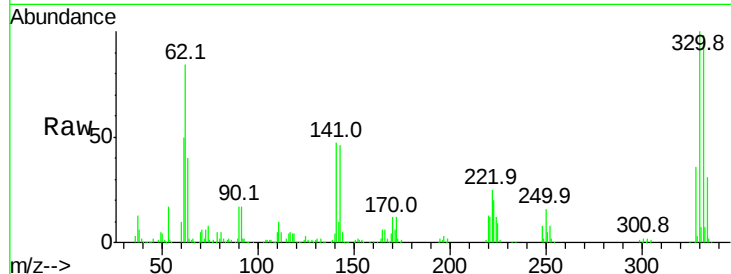
#41
 2,4,6-Tribromophenol
 Concen: 101.78 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	502821		
332	96.7	76.6	114.8	
141	38.7	41.2	61.8#	

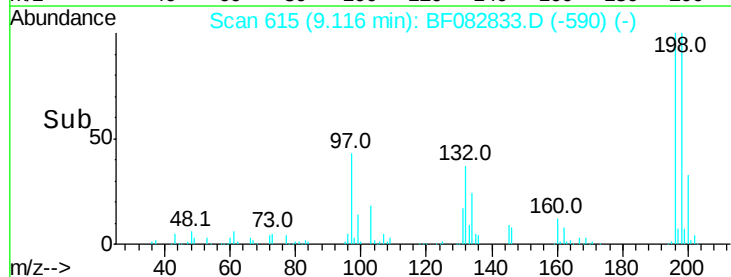
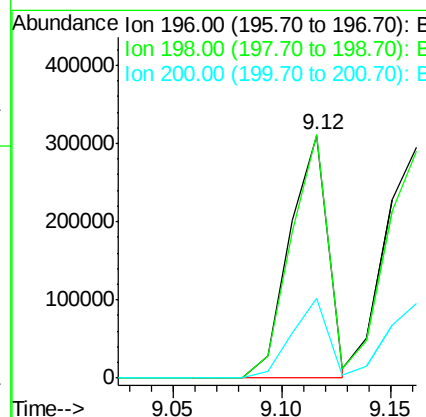
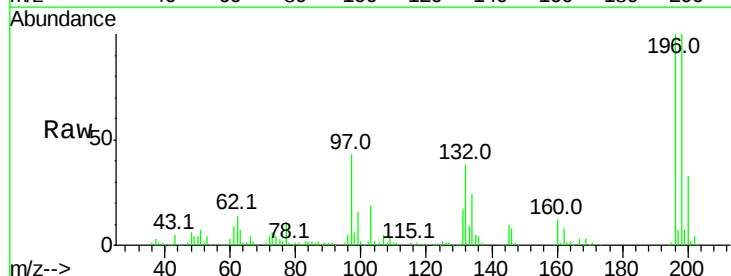
Manual Integrations
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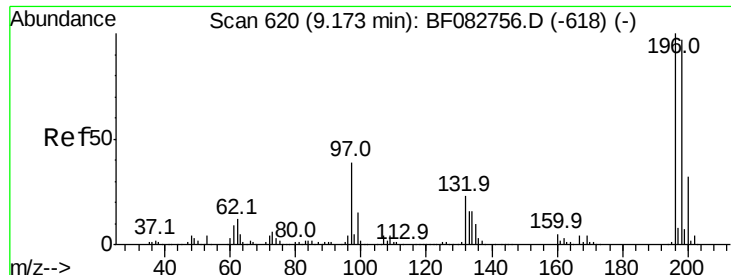
Mmdadoda
 11/10/2015 1:02:25 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.96 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

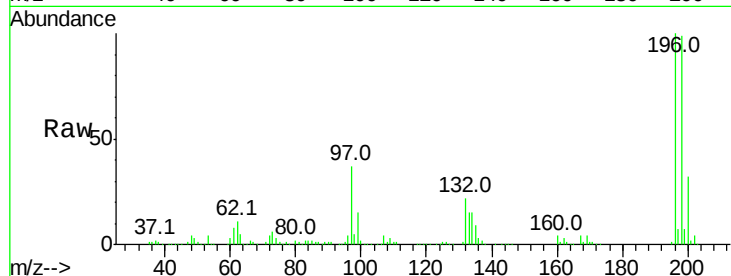
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	380057		
198	100.4	76.3	114.5	
200	33.1	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 38.36 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

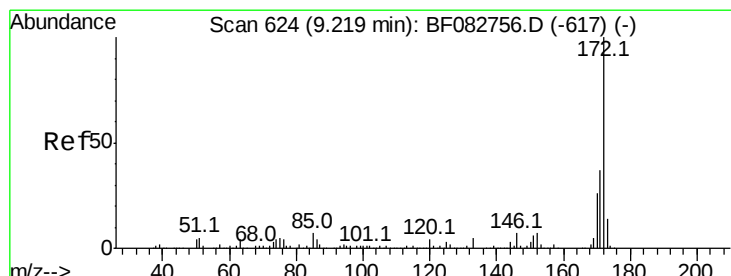
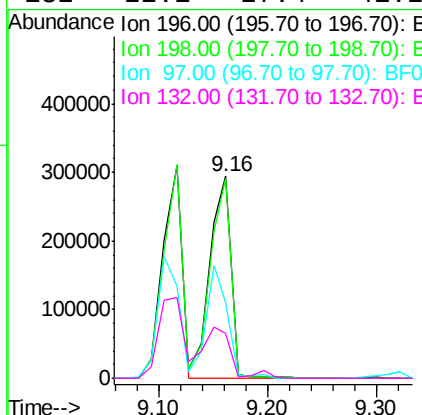
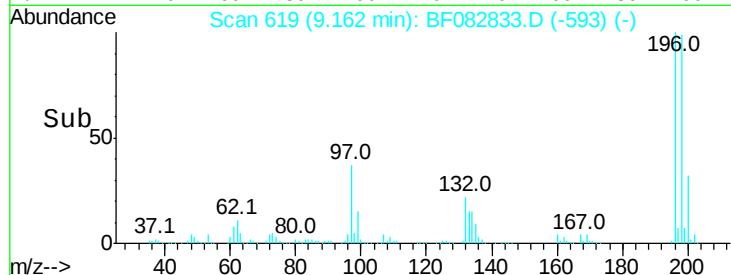
Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS



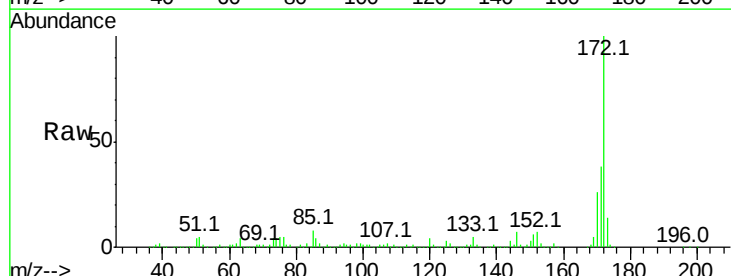
Tot Ion	Ratio	Resp	Lower	Upper
196	100	401000		
198	98.6	75.8	113.8	
97	37.4	62.3	93.5	
132	22.1	27.4	41.2	

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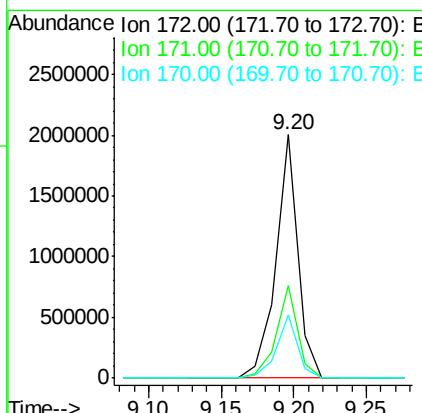
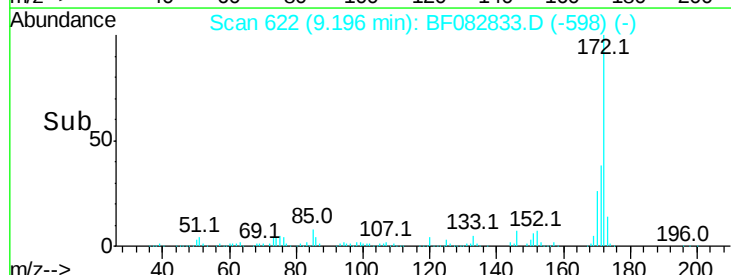
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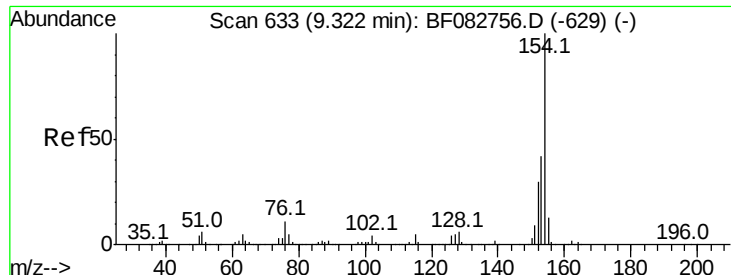


#44
 2-Fluorobiphenyl
 Concen: 69.76 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2097245		
171	38.0	30.8	46.2	
170	26.1	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 38.51 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:154 Resp: 1423905

Ion Ratio Lower Upper

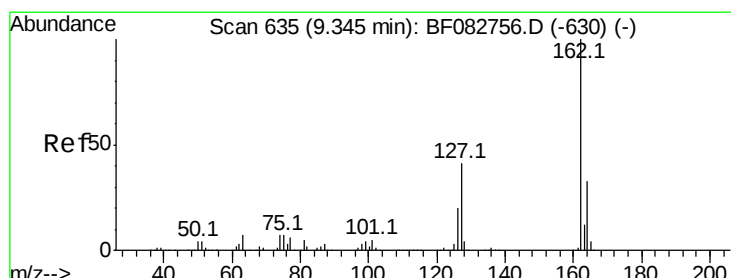
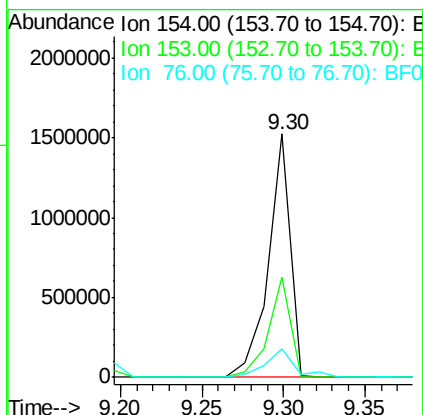
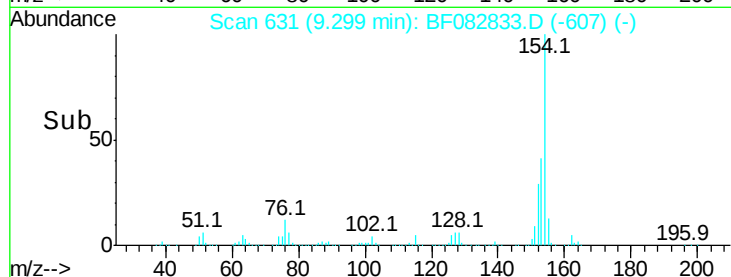
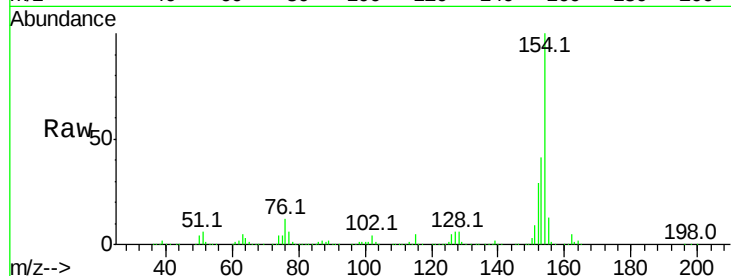
154 100

153 41.3 22.0 62.0

76 11.7 0.0 29.0

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#46

2-Chloronaphthalene

Concen: 38.49 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

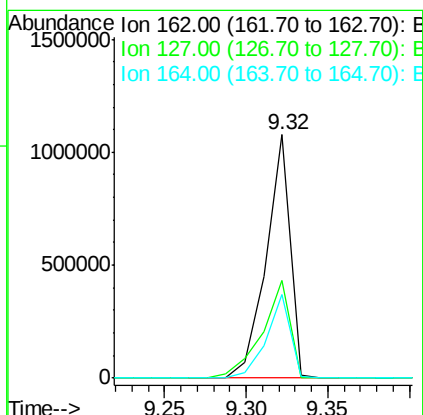
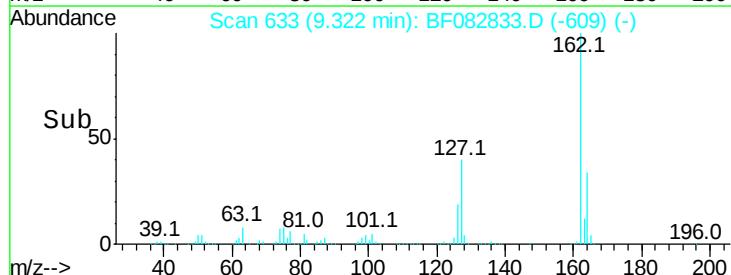
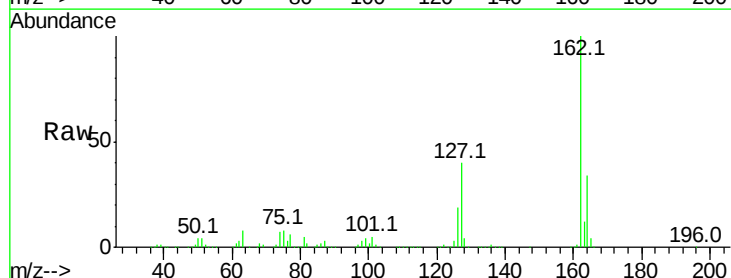
Tgt Ion:162 Resp: 1109992

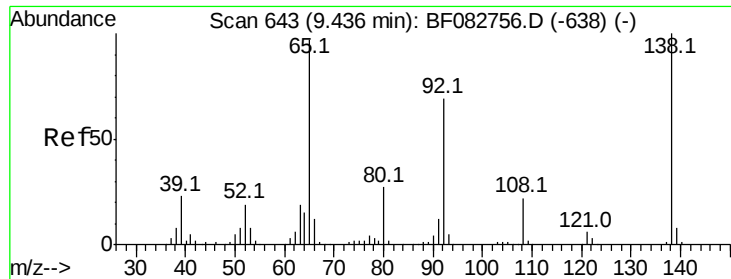
Ion Ratio Lower Upper

162 100

127 40.3 32.7 49.1

164 34.2 27.4 41.0





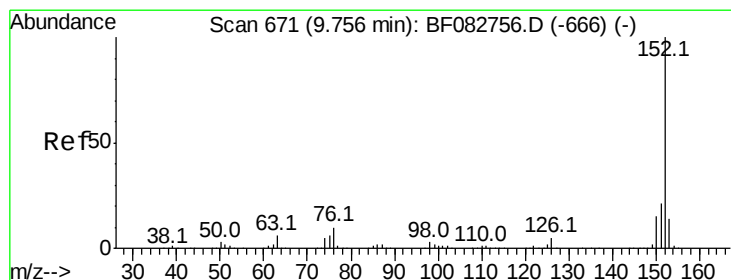
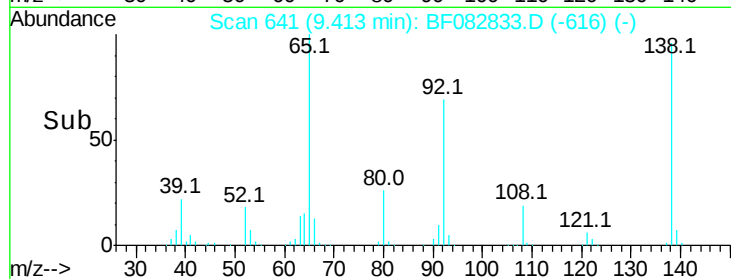
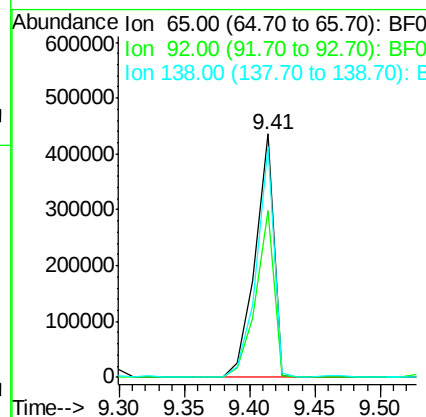
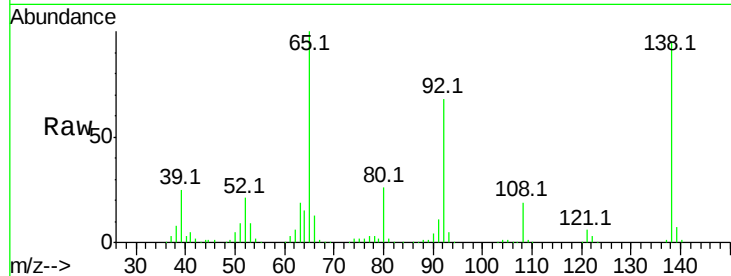
#47
 2-Nitroaniline
 Concen: 41.10 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:	65	Resp:	439741
Ion Ratio	Lower	Upper	
65	100		
92	68.5	46.6	70.0
138	94.7	54.6	81.8#

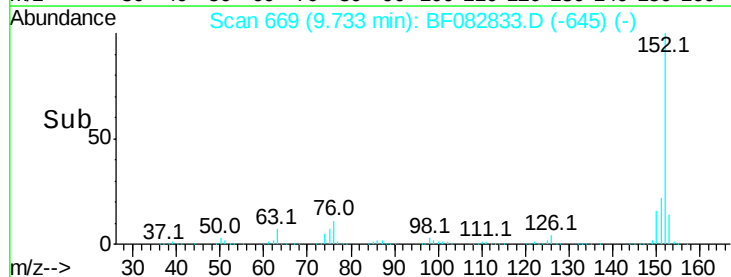
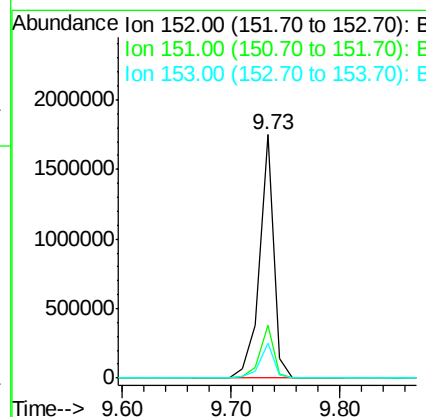
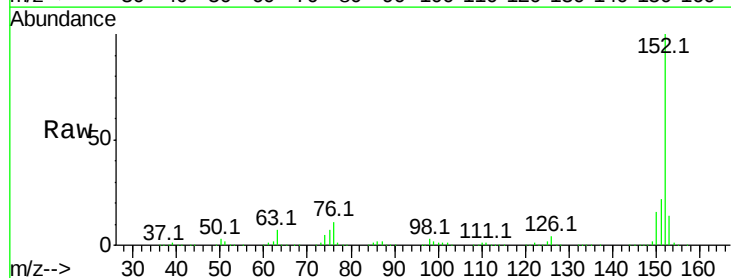
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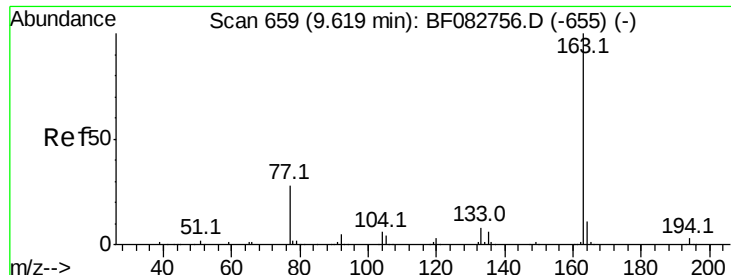
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#48
 Acenaphthylene
 Concen: 35.51 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:	152	Resp:	1604930
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.3	25.9
153	14.2	11.3	16.9





#49

Dimethylphthalate

Concen: 33.92 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:163 Resp: 1197306

Ion Ratio Lower Upper

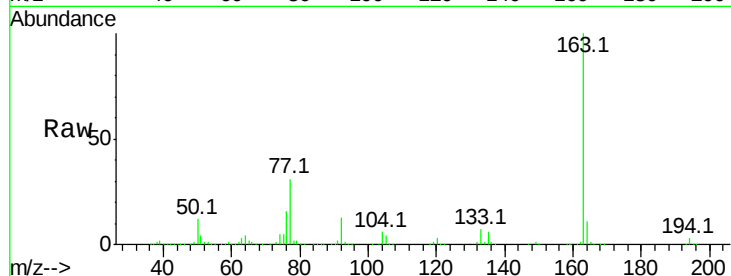
163 100

194 3.2 2.6 4.0

164 11.0 8.7 13.1

Manual Integrations
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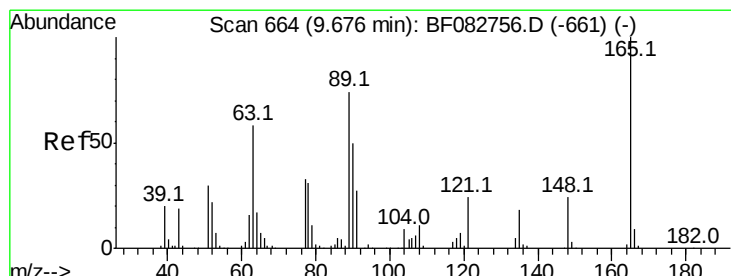
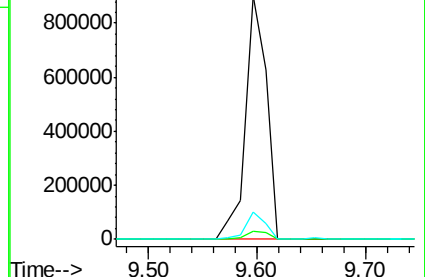
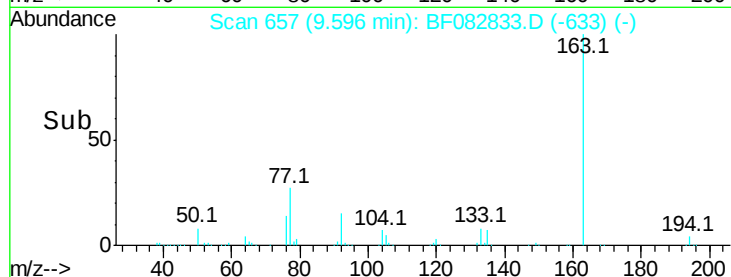
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 34.32 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

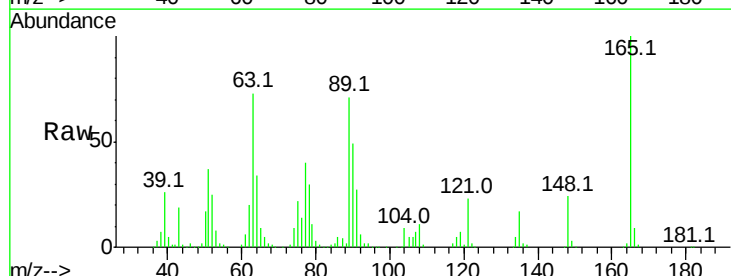
Tgt Ion:165 Resp: 258506

Ion Ratio Lower Upper

165 100

63 73.0 55.5 83.3

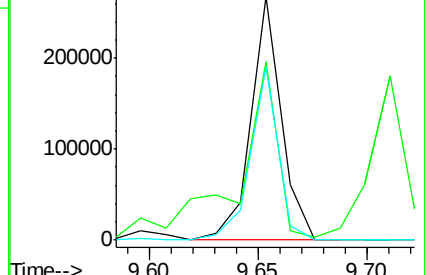
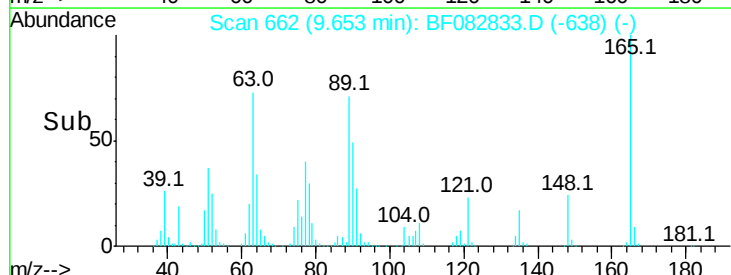
89 70.9 55.0 82.6

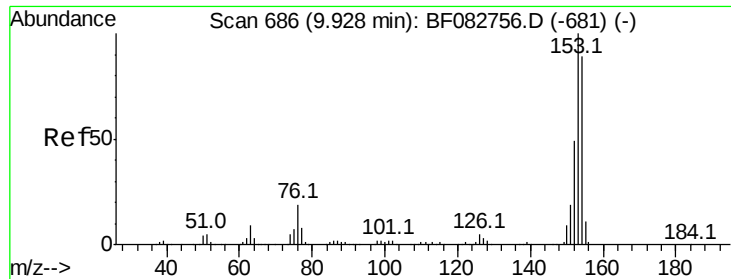


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.99 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:154 Resp: 1145478

Ion Ratio Lower Upper

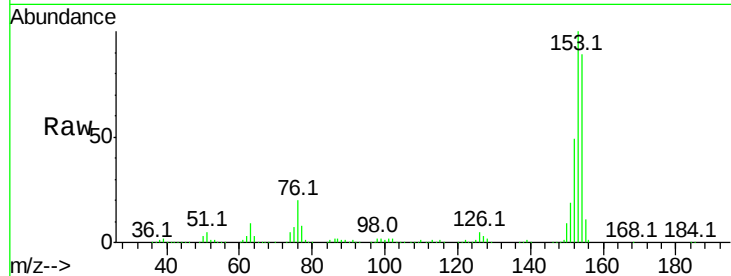
154 100

153 112.7 90.1 135.1

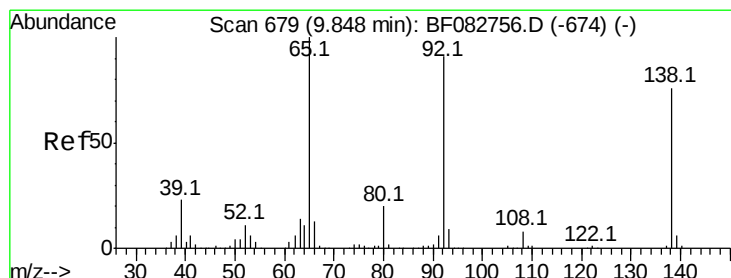
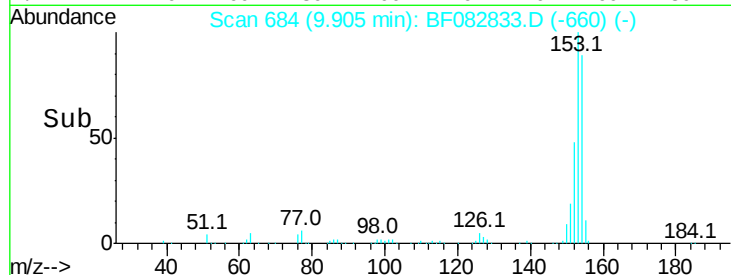
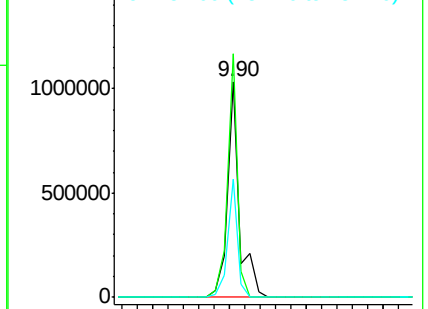
152 55.0 44.3 66.5

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



#52

3-Nitroaniline

Concen: 23.58 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

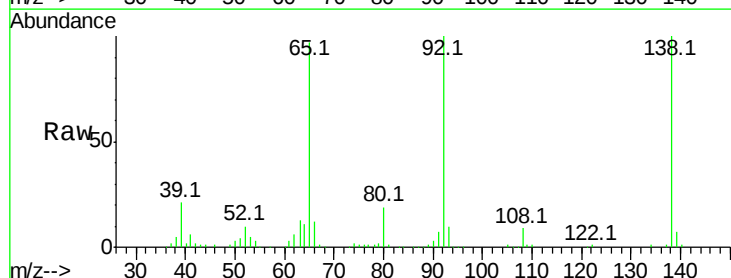
Tgt Ion:138 Resp: 195329

Ion Ratio Lower Upper

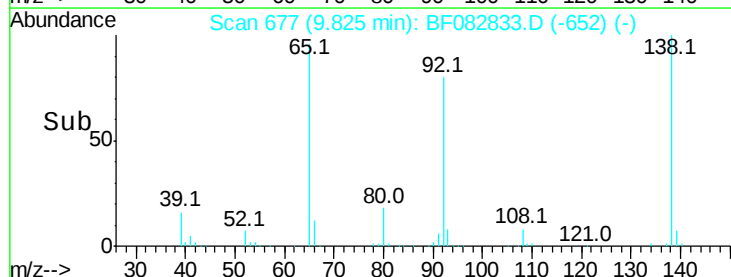
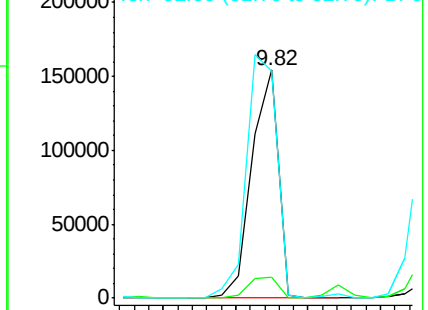
138 100

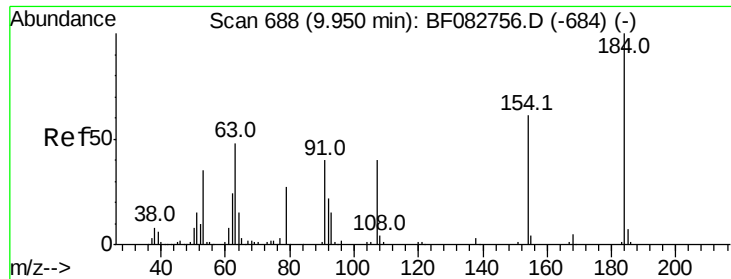
108 9.0 11.3 16.9#

92 99.8 122.4 183.6#



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





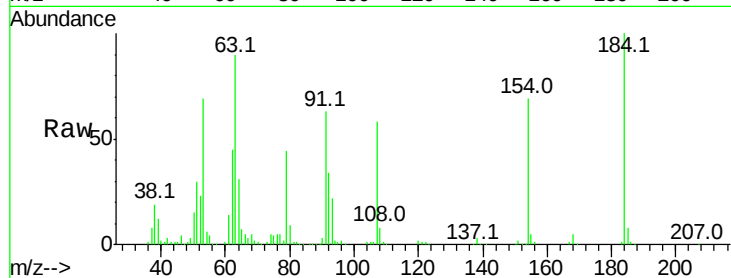
#53
2,4-Dinitrophenol
Concen: 75.17 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

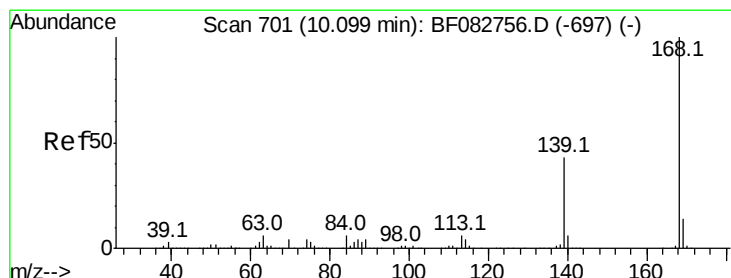
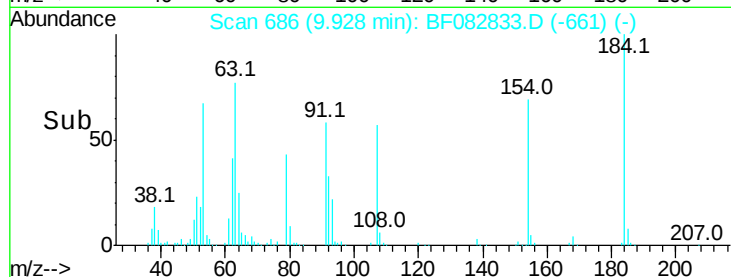
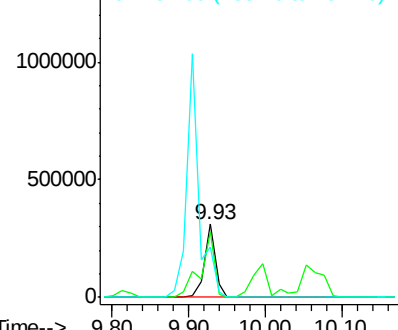
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	89.7	98.6	148.0	
154	68.6	183.9	275.9	

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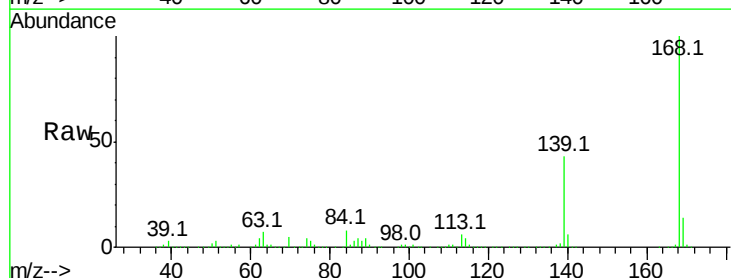


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

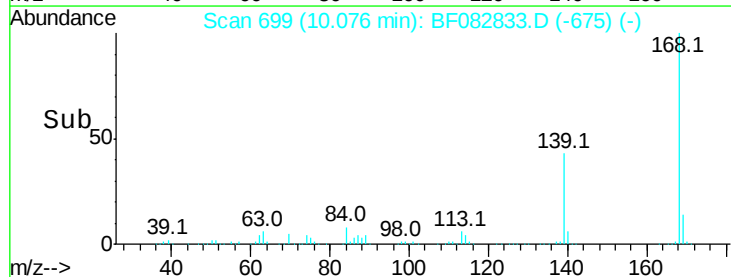
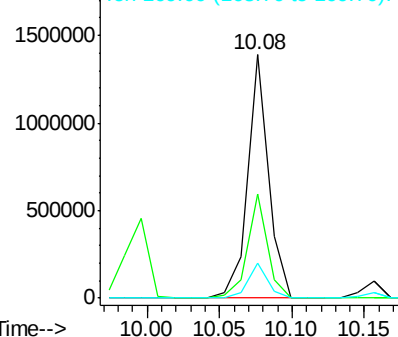


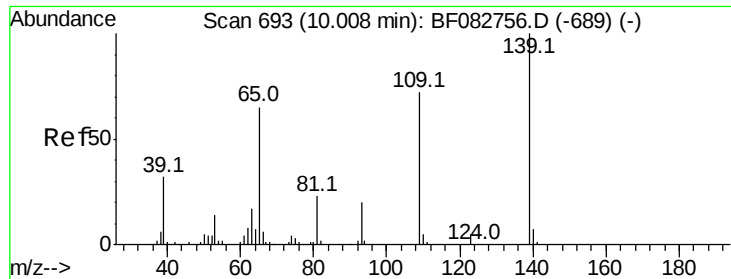
#54
Dibenzofuran
Concen: 35.73 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.7	37.8	56.6	
169	14.1	11.3	16.9	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





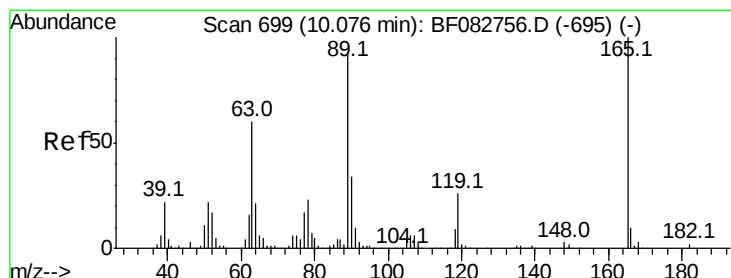
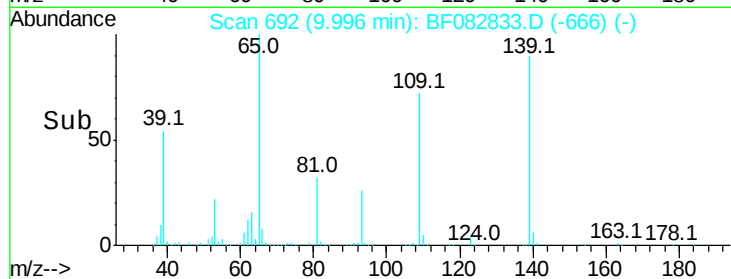
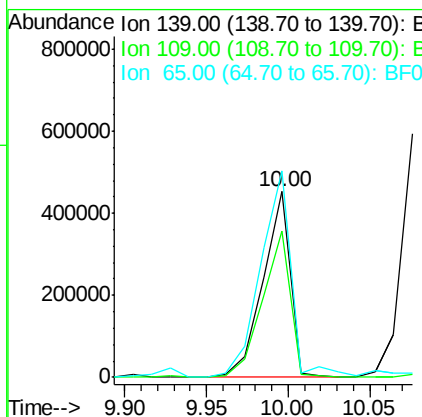
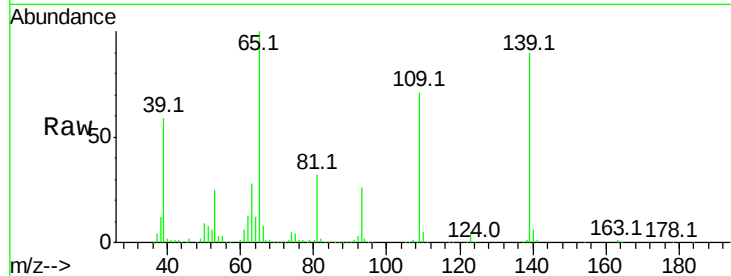
#55
4-Nitrophenol
Concen: 82.73 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	79.2	73.7	113.7	
65	111.3	82.9	122.9	

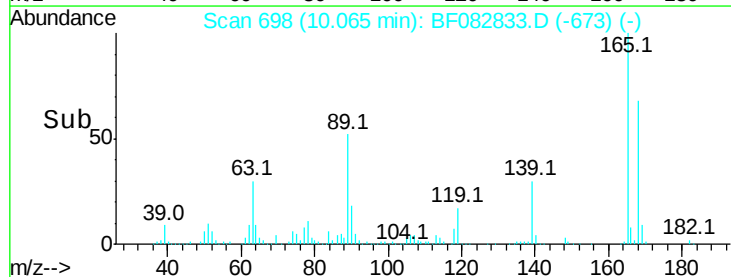
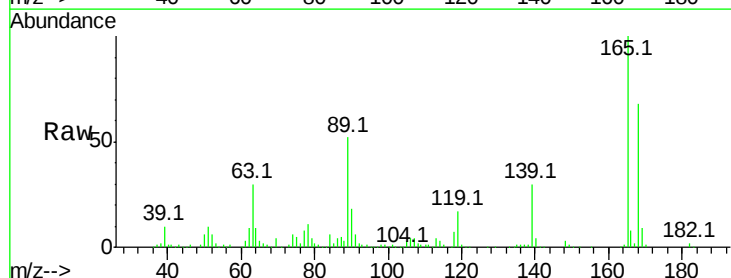
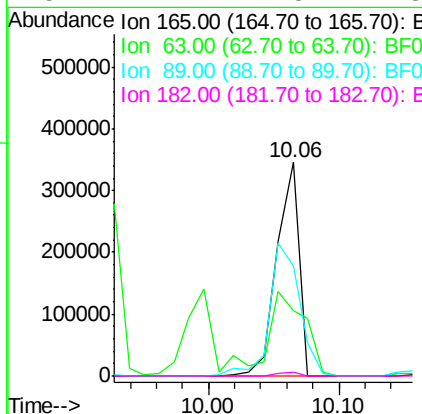
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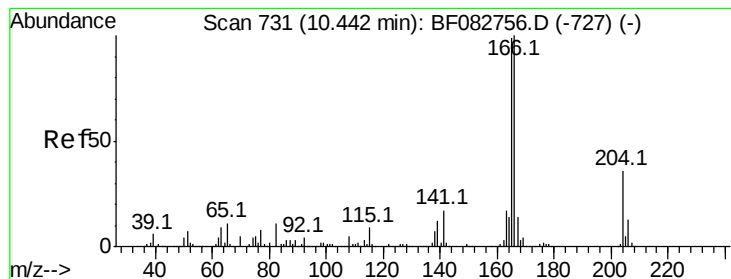
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#56
2,4-Dinitrotoluene
Concen: 40.50 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	30.3	43.4	65.0#	
89	51.7	70.6	106.0#	
182	2.1	1.5	2.3	





#57

Fluorene

Concen: 36.23 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:166 Resp: 1133186

Ion Ratio Lower Upper

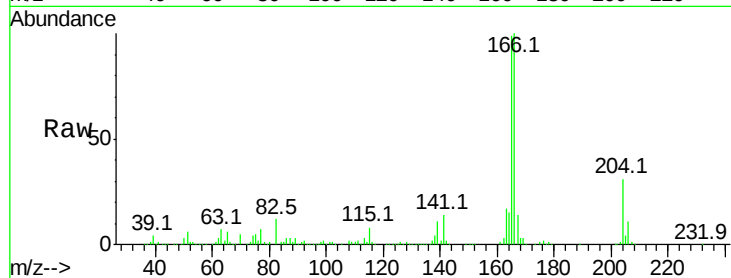
166 100

165 99.3 80.2 120.4

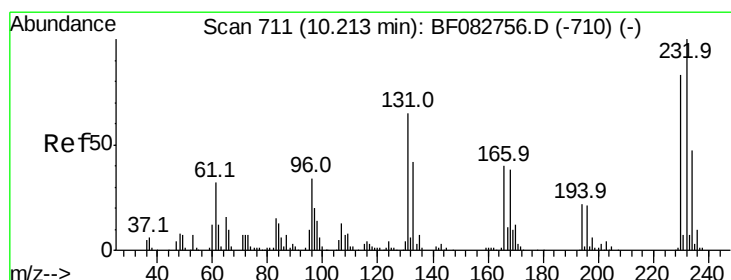
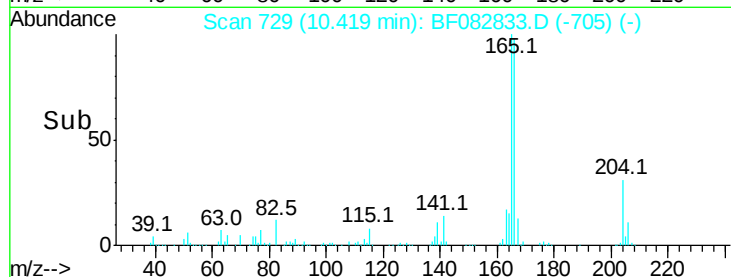
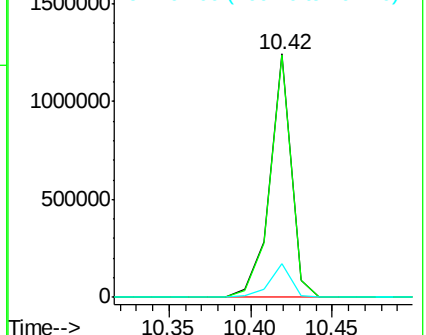
167 14.0 11.2 16.8

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.16 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:232 Resp: 325571

Ion Ratio Lower Upper

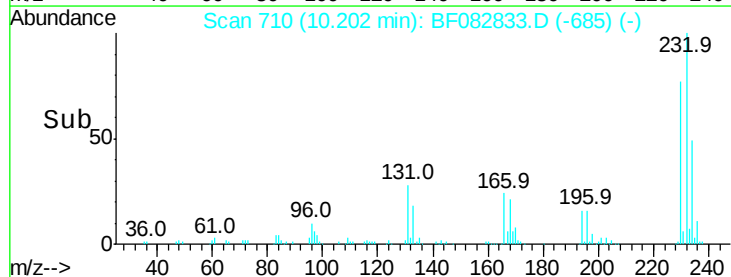
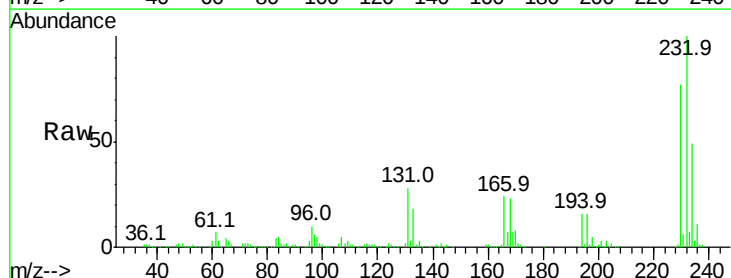
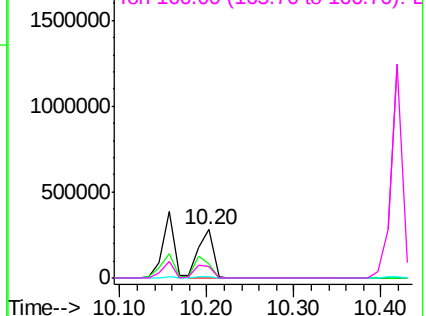
232 100

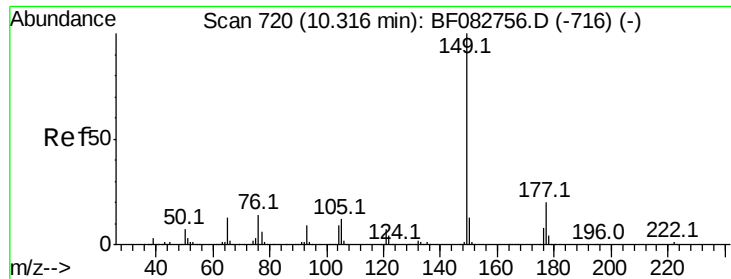
131 46.5 46.2 69.2

130 2.4 2.4 3.6#

166 31.3 28.2 42.2

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





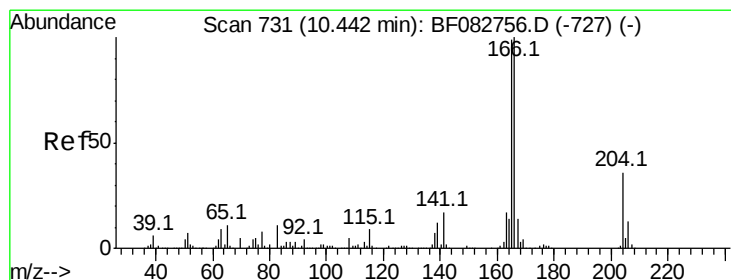
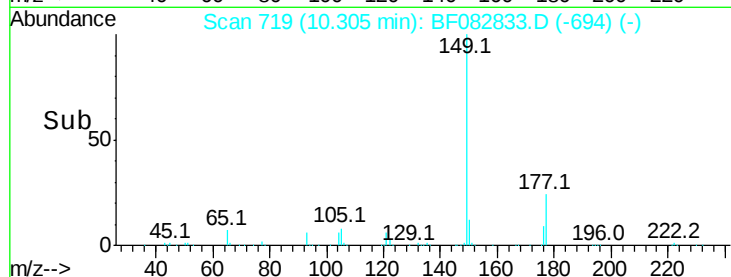
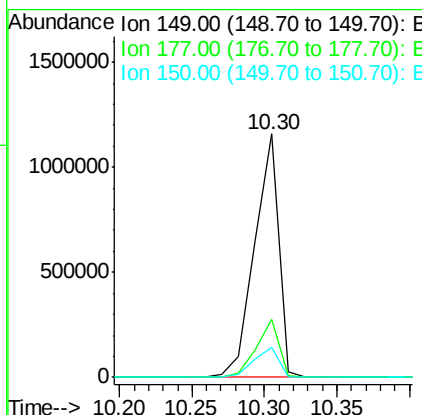
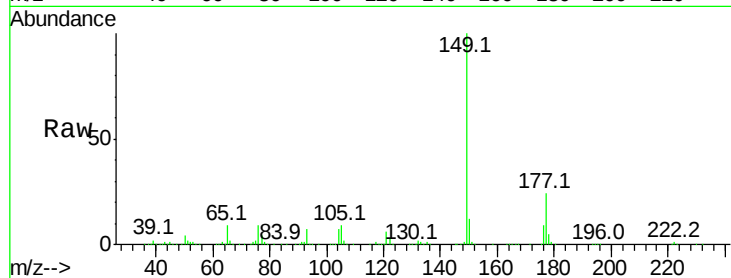
#59
Diethylphthalate
Concen: 38.70 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:149 Resp: 1333786
Ion Ratio Lower Upper
149 100
177 23.8 17.9 26.9
150 12.4 10.1 15.1

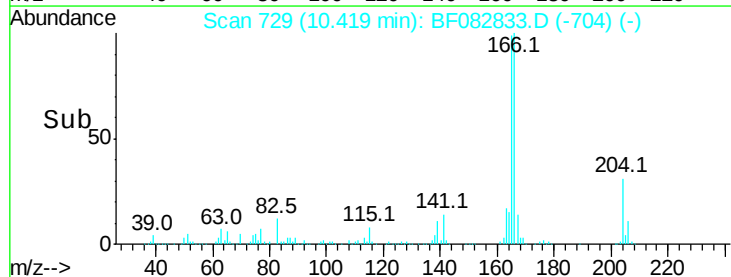
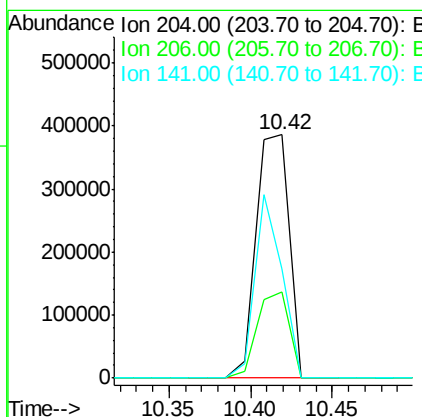
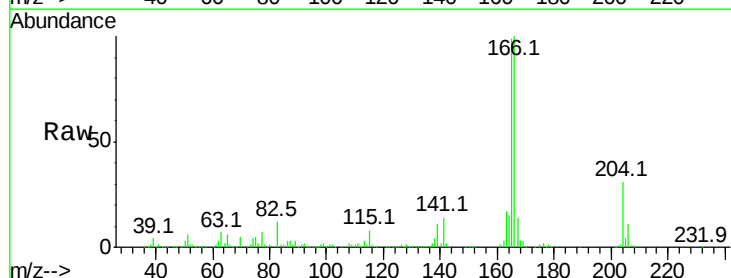
Manual Integrations
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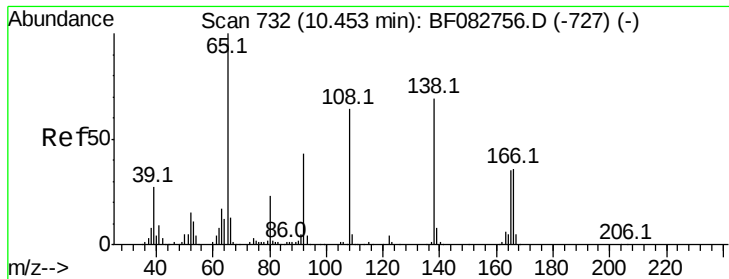
Mmdadoda
11/10/2015 1:02:25 PM



#60
4-Chlorophenyl-phenylether
Concen: 34.81 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:204 Resp: 544829
Ion Ratio Lower Upper
204 100
206 35.1 28.5 42.7
141 44.7 44.6 66.8





#61

4-Nitroaniline

Concen: 39.67 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

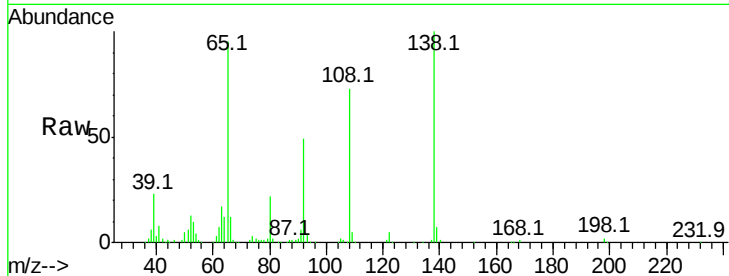
ClientSampleId :

PB86498BS

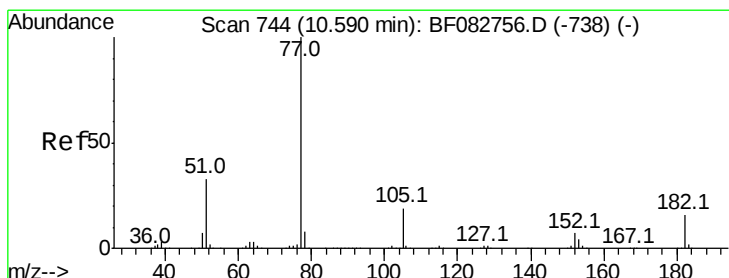
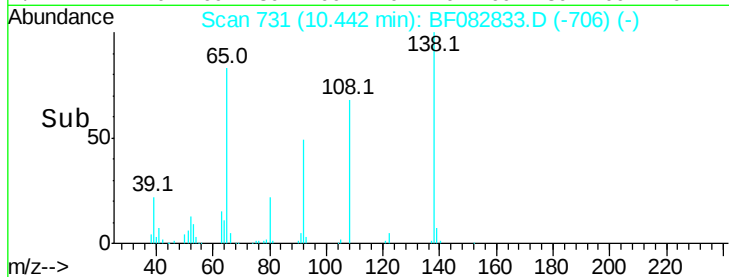
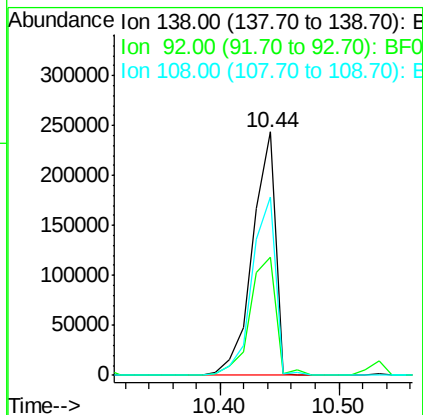
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Tot Ion:	138	Resp:	330455
Ion Ratio	Lower	Upper	
138	100		
92	48.7	45.8	85.8
108	73.4	89.4	129.4#



#62

Azobenzene

Concen: 39.76 ng

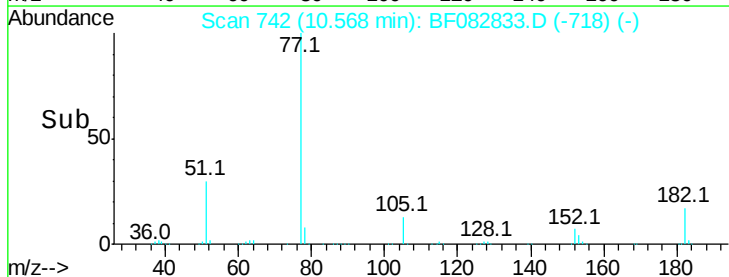
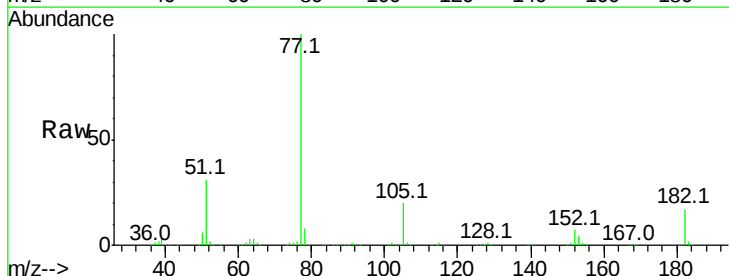
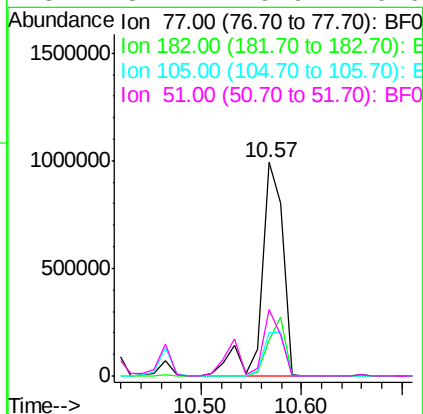
RT: 10.57 min Scan# 742

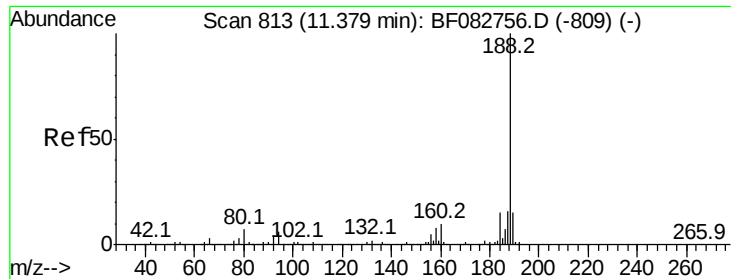
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	77	Resp:	1472159
Ion Ratio	Lower	Upper	
77	100		
182	16.5	9.3	49.3
105	20.3	2.6	42.6
51	31.1	9.9	49.9





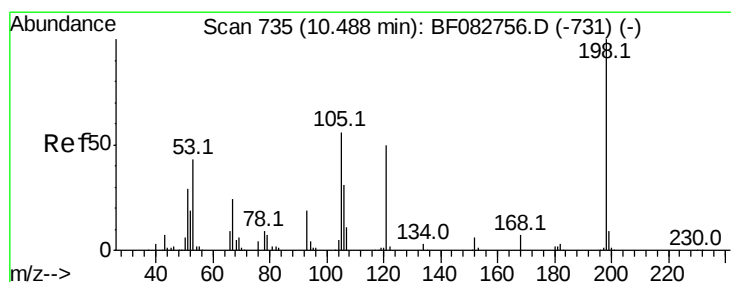
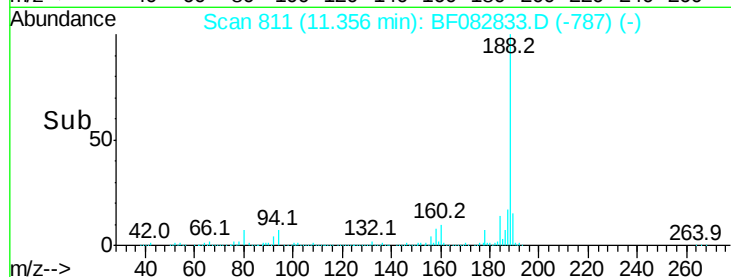
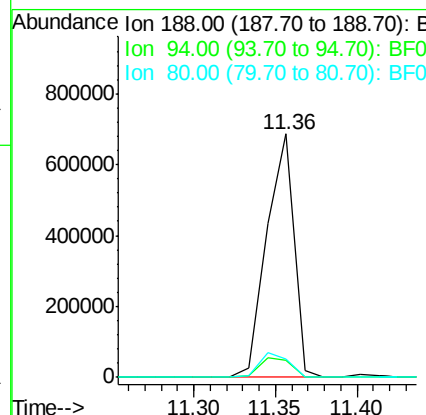
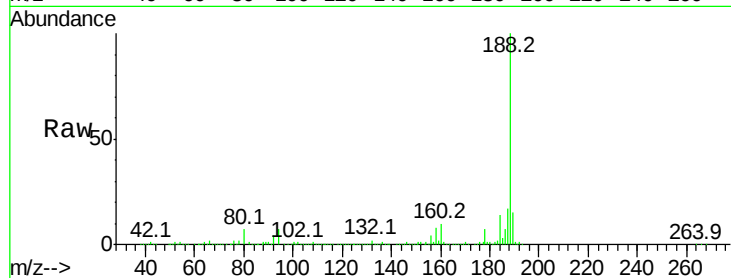
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.1	6.1	9.1	
80	7.3	7.0	10.6	

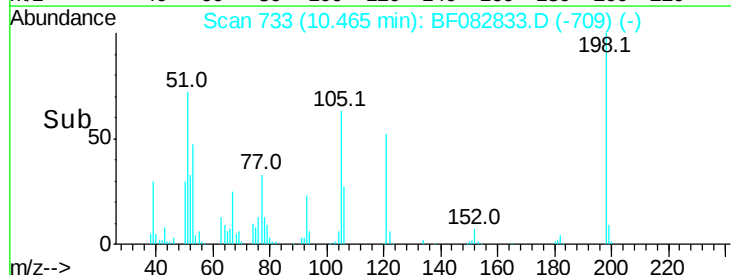
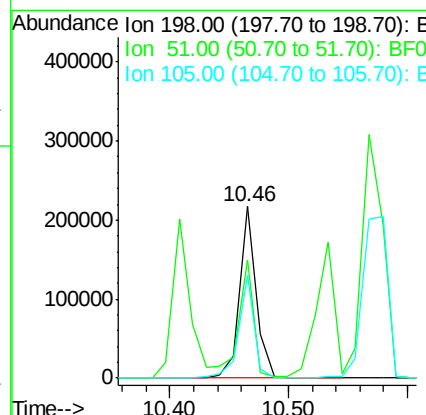
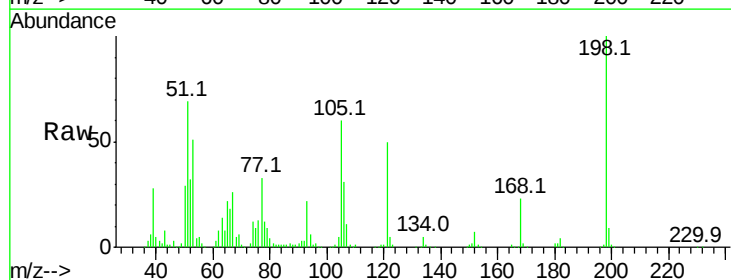
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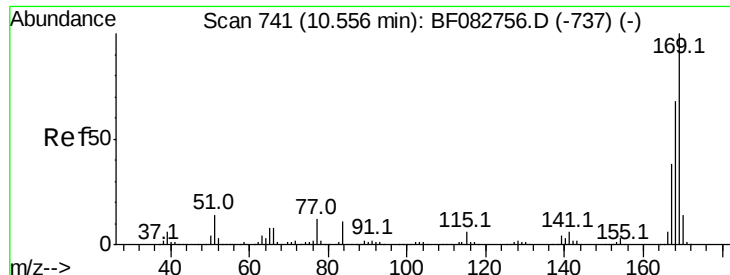
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.99 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	68.8	17.3	57.3#	
105	59.8	21.7	61.7	





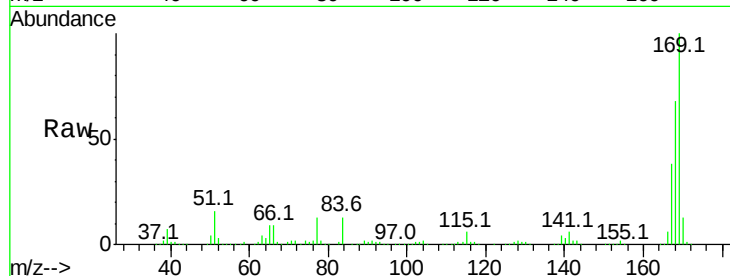
#65
n-Nitrosodiphenylamine
Concen: 36.26 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

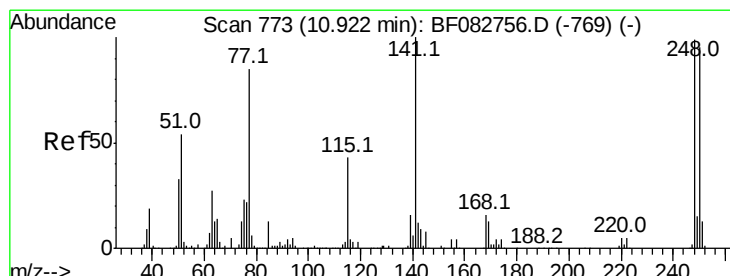
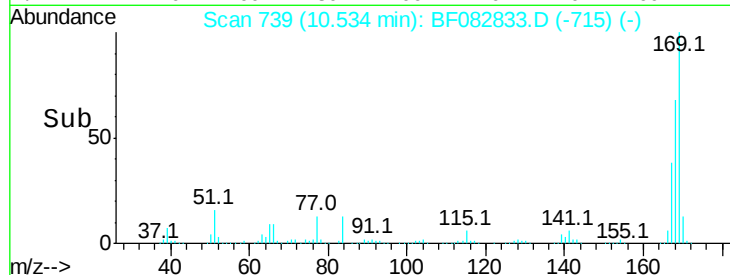
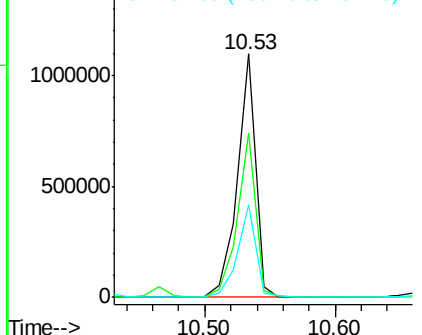
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.0	82.6
167	38.2	30.5	45.7

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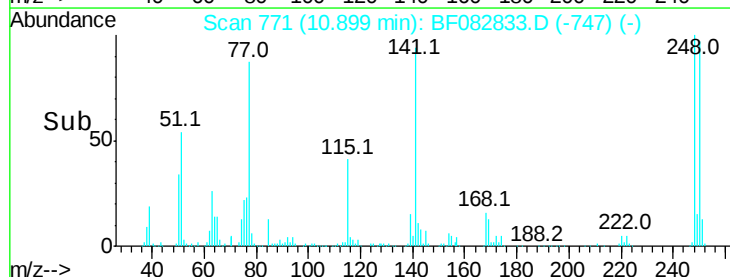
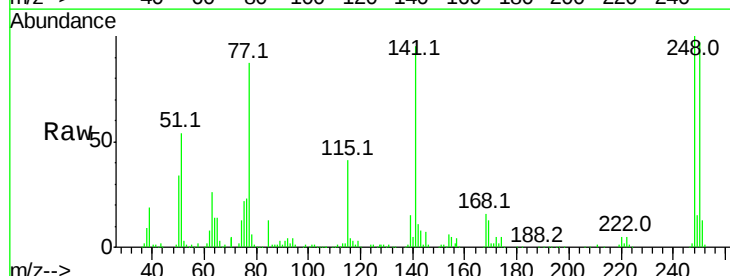
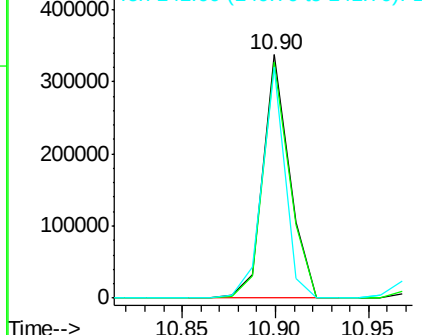
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

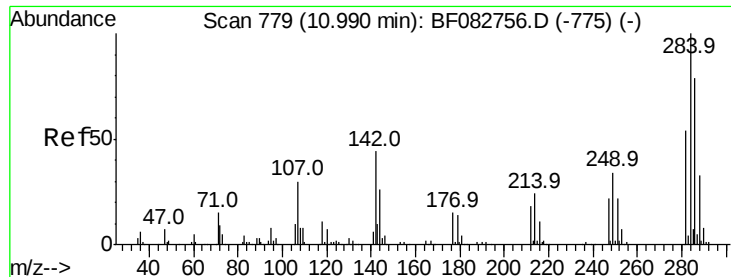


#66
4-Bromophenyl-phenylether
Concen: 34.06 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	79.4	119.2
141	94.6	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: 33.77 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

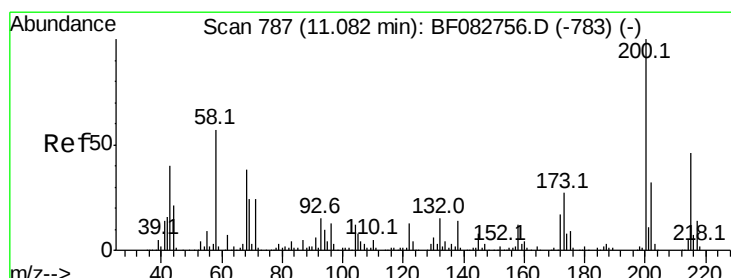
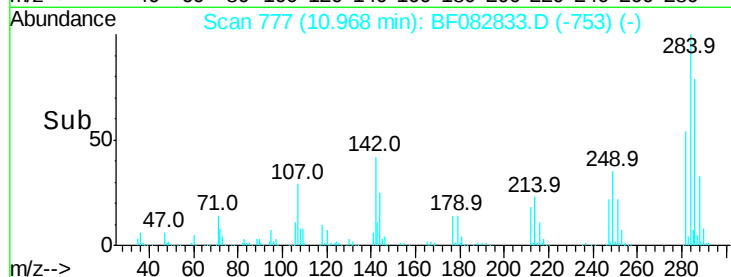
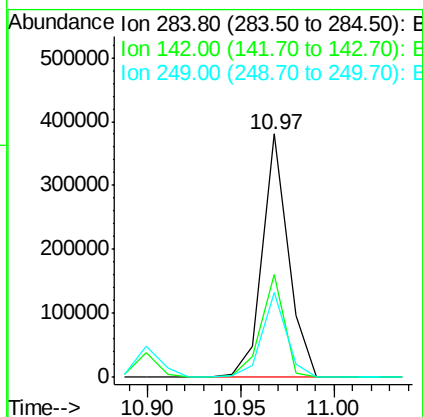
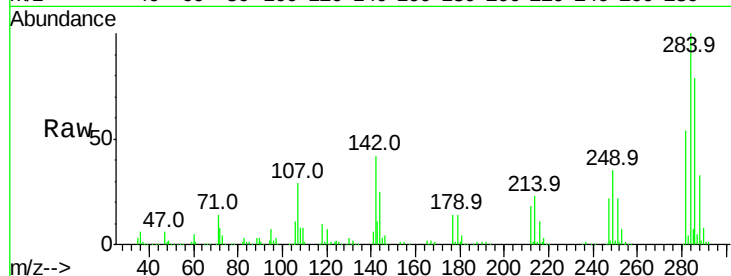
ClientSampleId :

PB86498BS

Tot Ion:	284	Resp:	364045
Ion Ratio	Lower	Upper	
284	100		
142	42.1	47.9	71.9#
249	34.7	29.7	44.5

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#68

Atrazine

Concen: 35.51 ng

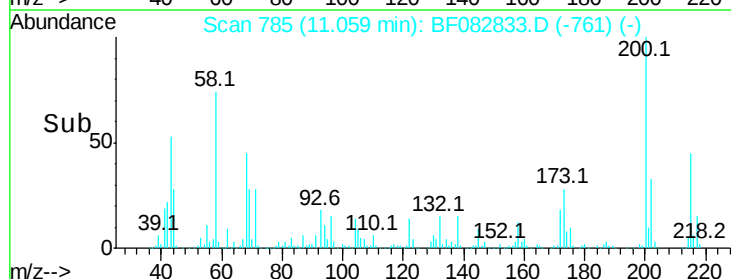
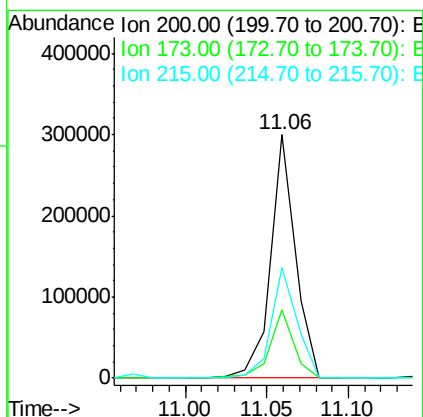
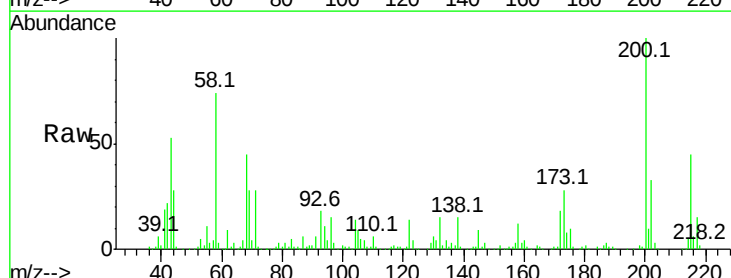
RT: 11.06 min Scan# 785

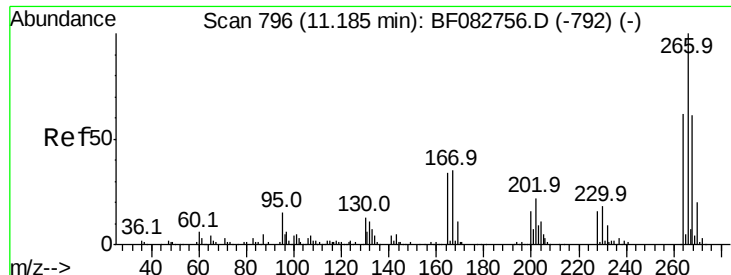
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	200	Resp:	318139
Ion Ratio	Lower	Upper	
200	100		
173	27.8	6.9	46.9
215	45.1	22.9	62.9





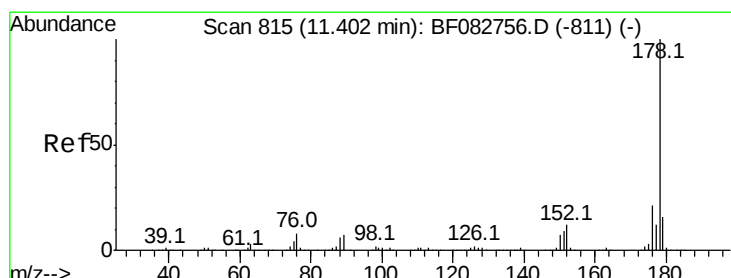
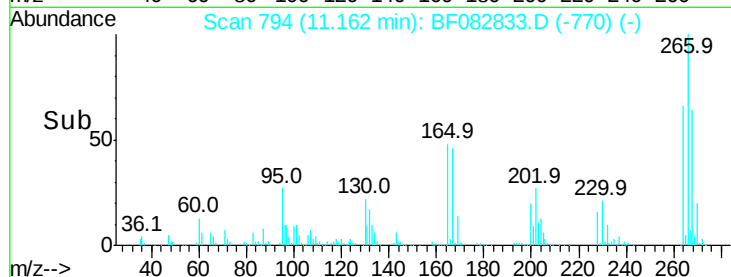
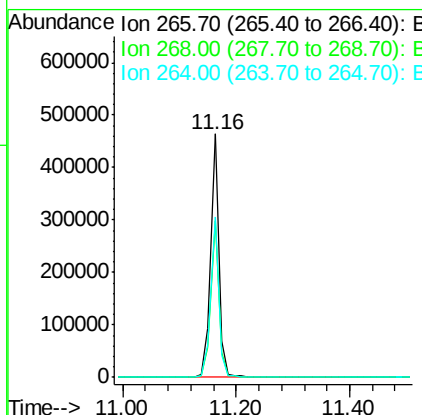
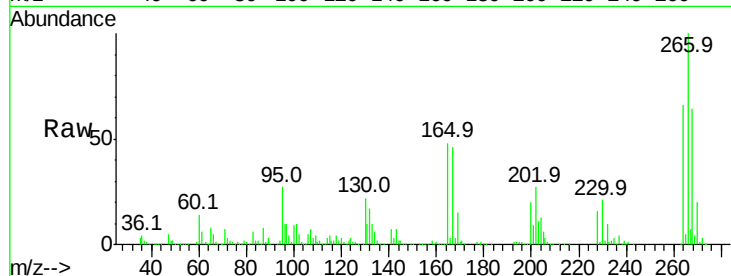
#69
 Pentachlorophenol
 Concen: 68.69 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	449731		
268	64.5	51.0	76.6	
264	65.7	50.6	75.8	

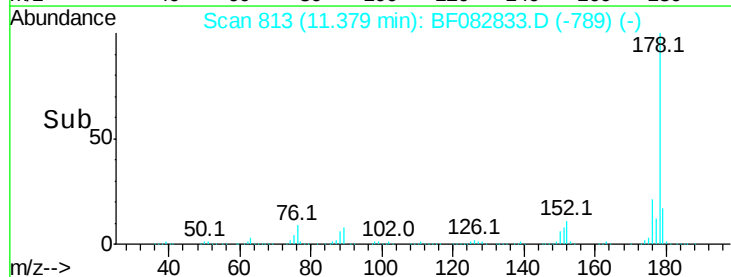
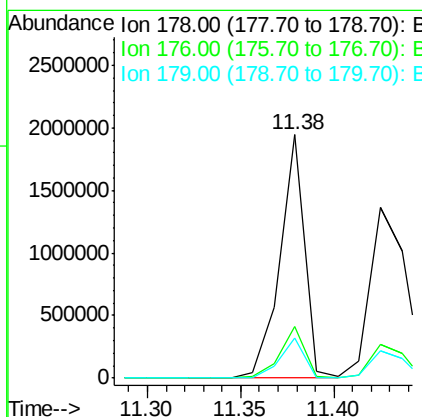
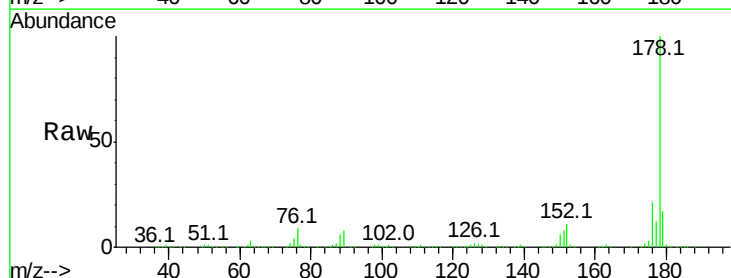
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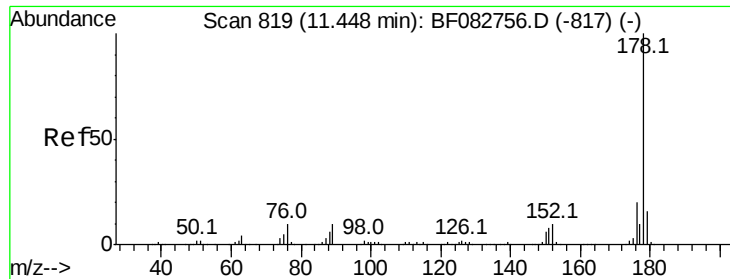
Mmdadoda
 11/10/2015 1:02:25 PM



#70
 Phenanthrene
 Concen: 38.83 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1808240		
176	21.1	17.0	25.4	
179	16.6	13.4	20.0	





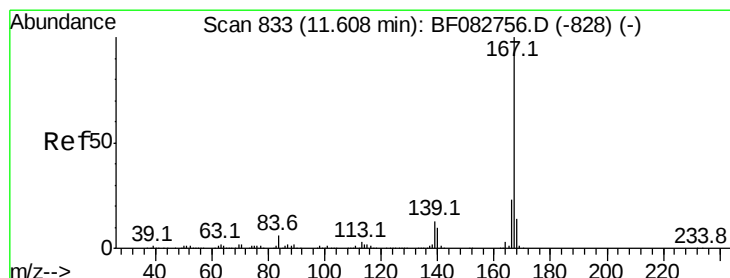
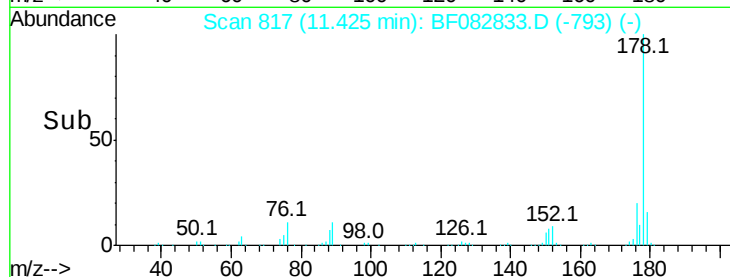
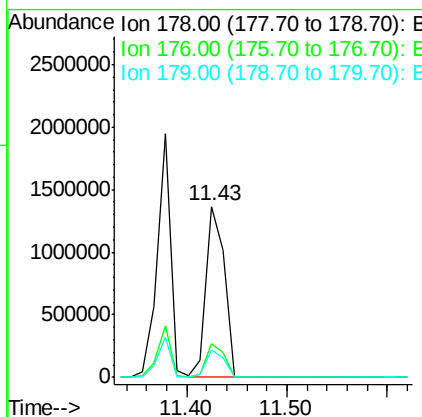
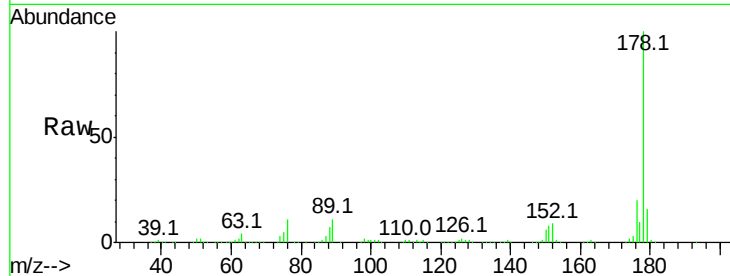
#71
 Anthracene
 Concen: 35.34 ng
 RT: 11.43 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:178 Resp: 1733645
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.5 24.7
 179 16.3 13.2 19.8

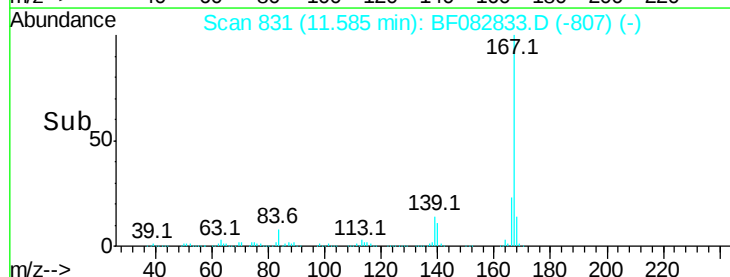
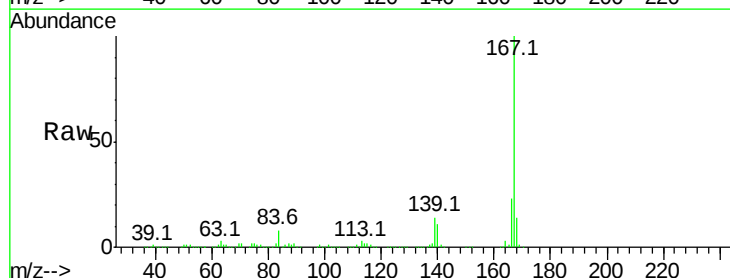
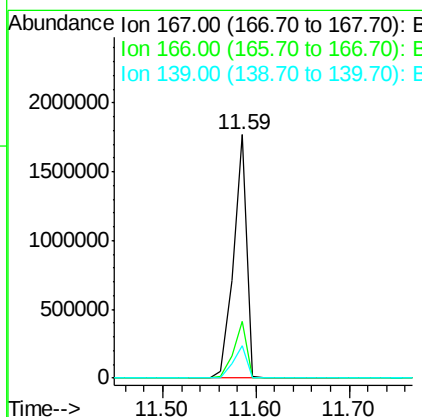
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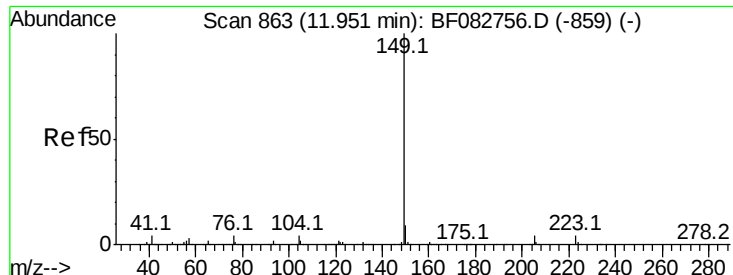
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 11/10/2015 1:02:25 PM



#72
 Carbazole
 Concen: 40.76 ng
 RT: 11.59 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:167 Resp: 1750233
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.7 28.1
 139 13.5 11.8 17.6





#73

Di-n-butylphthalate

Concen: 38.39 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

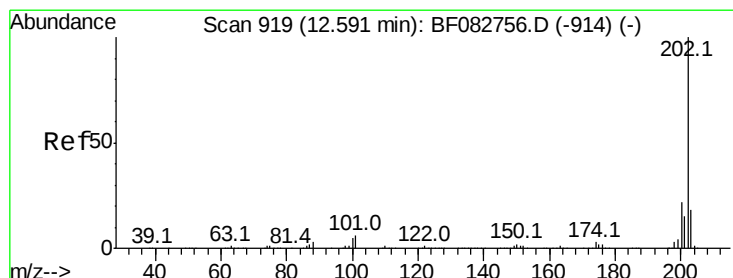
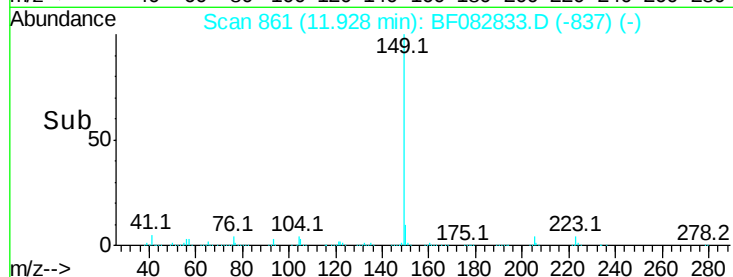
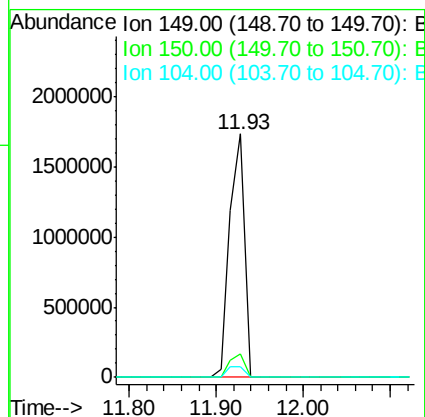
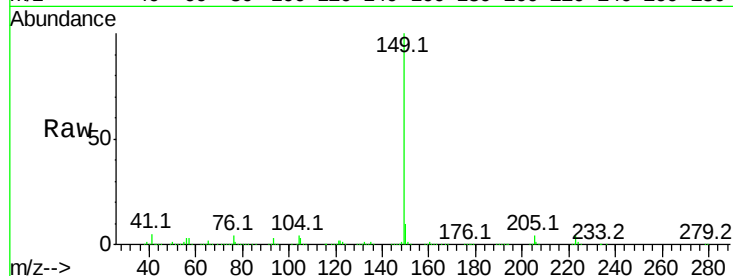
ClientSampleId :

PB86498BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.3	5.2	7.8



#74

Fluoranthene

Concen: 38.43 ng

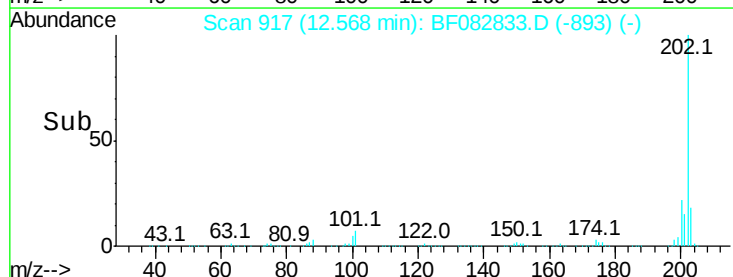
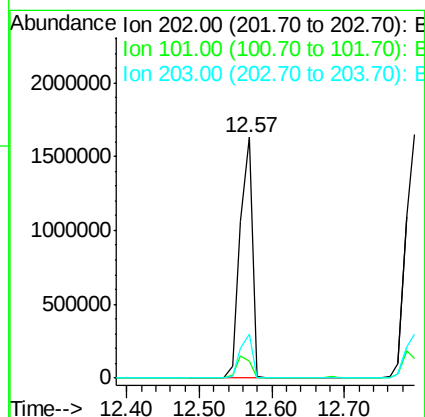
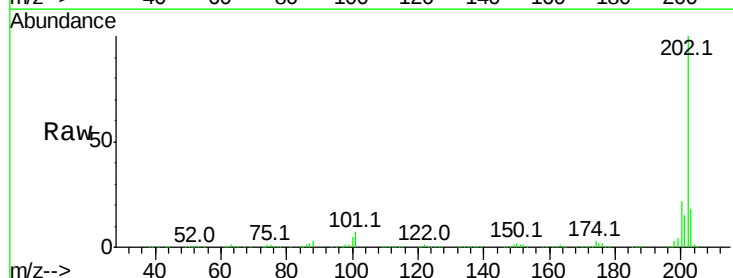
RT: 12.57 min Scan# 917

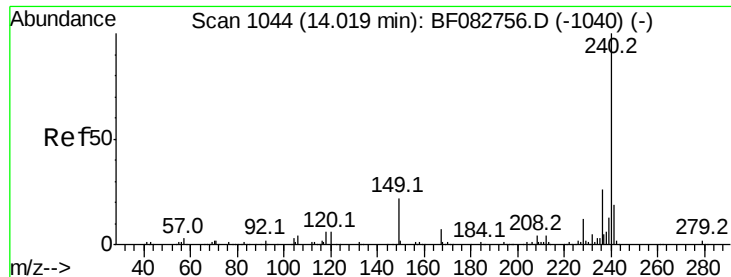
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	30.5
203	18.1	0.0	38.5





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

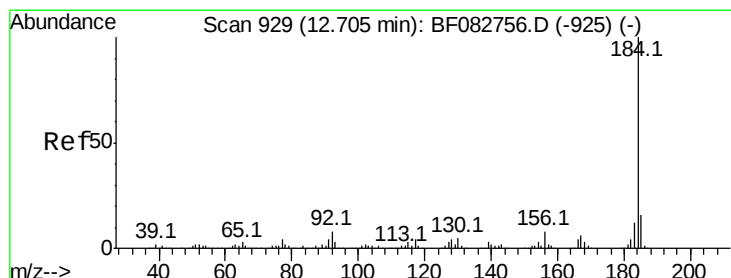
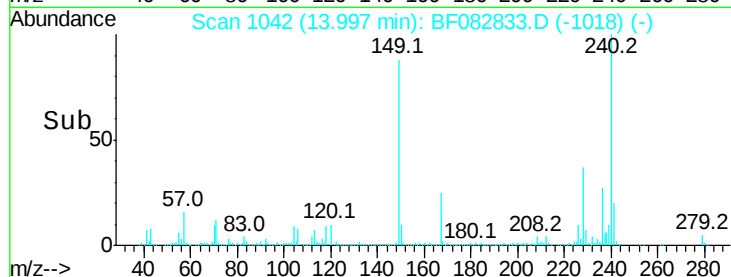
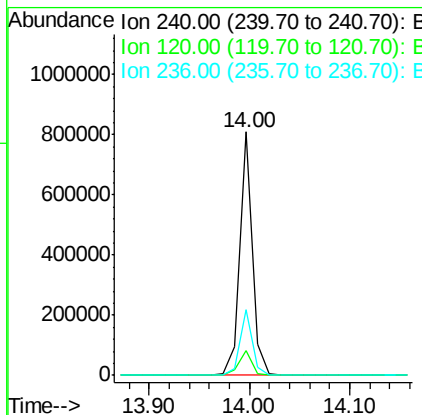
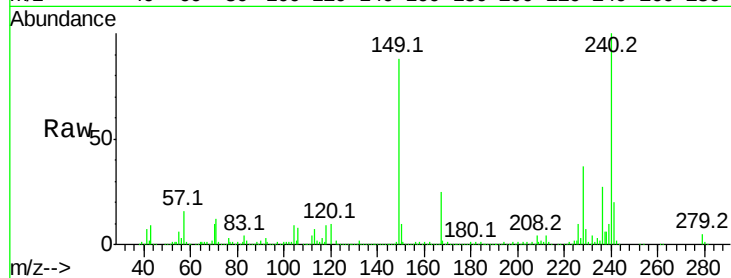
ClientSampleId :

PB86498BS

Tot Ion:	240	Resp:	702038
Ion Ratio	Lower	Upper	
240	100		
120	10.0	10.9	16.3#
236	26.8	21.6	32.4

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#76

Benzidine

Concen: 38.92 ng

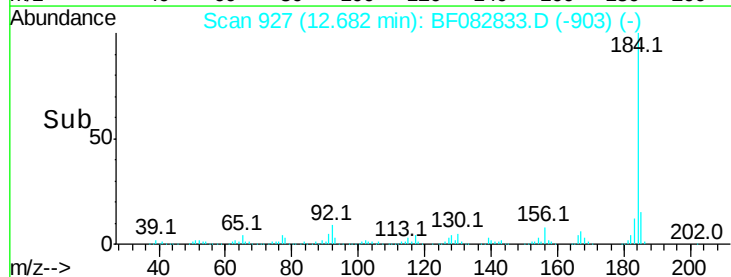
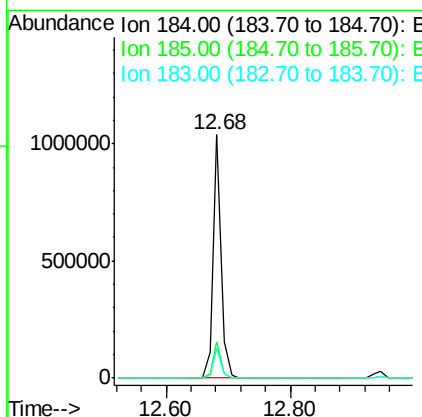
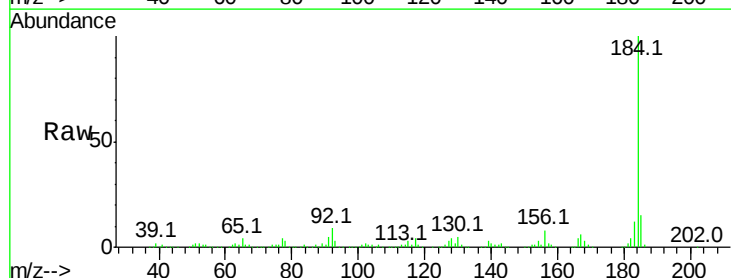
RT: 12.68 min Scan# 927

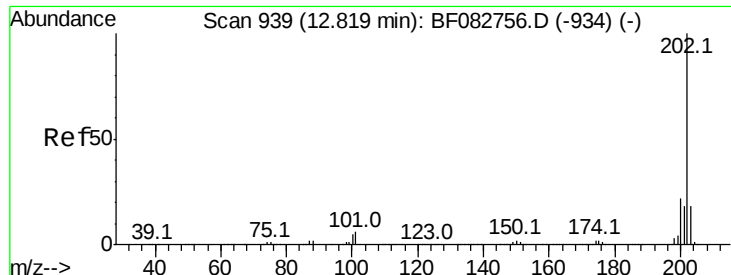
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	184	Resp:	915694
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	12.0	9.6	14.4





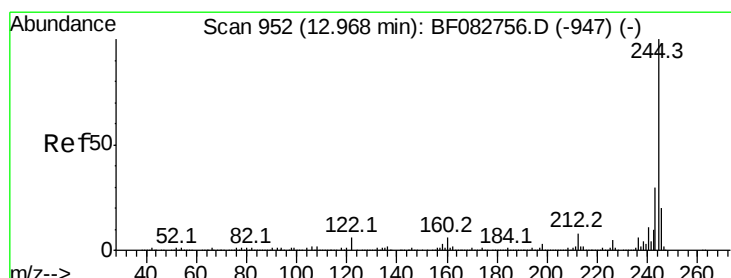
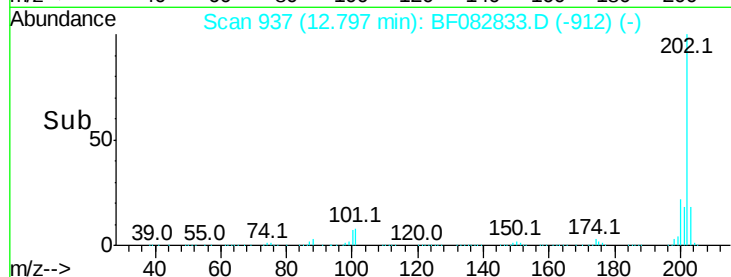
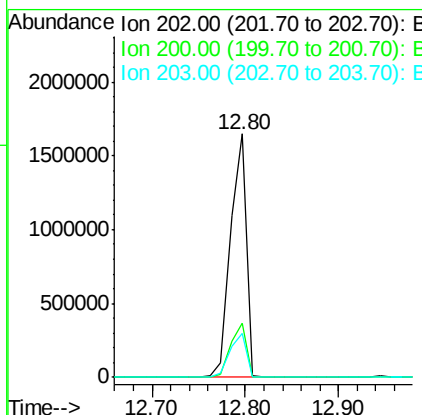
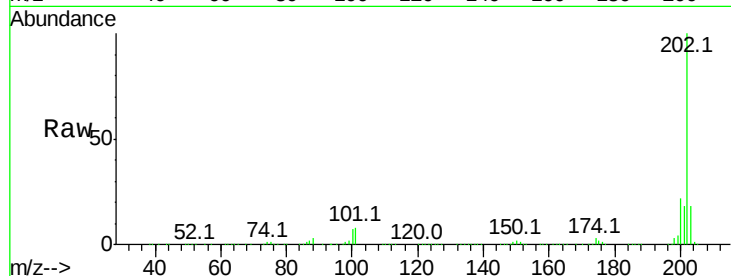
#77
Pvrene
Concen: 40.91 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.7	28.1
203	18.2	14.8	22.2

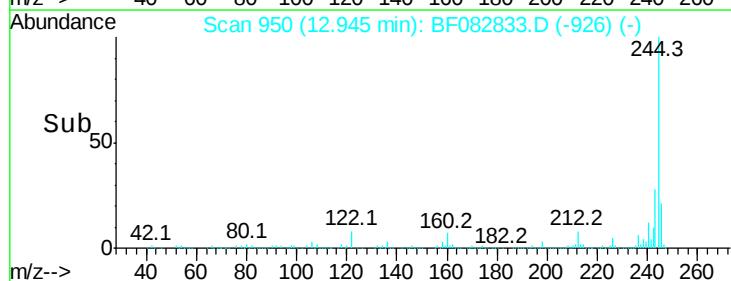
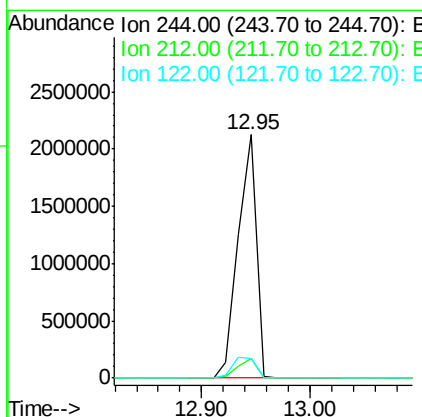
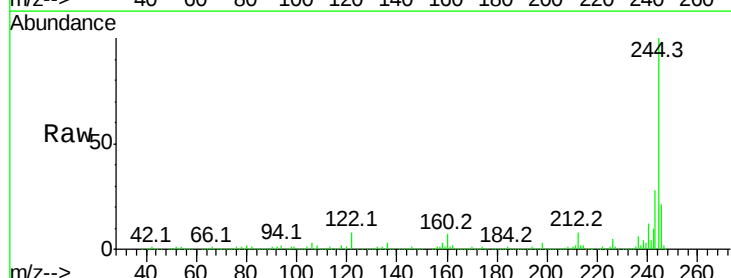
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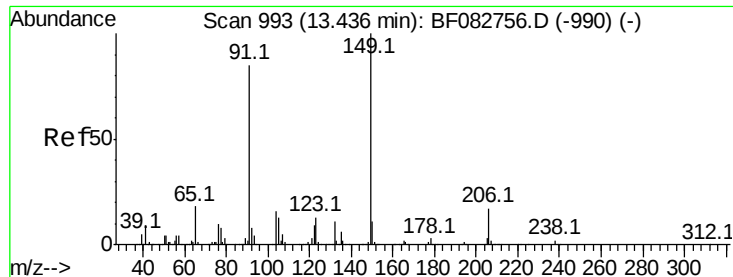
Mmdadoda
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#78
Terphenyl-d14
Concen: 82.52 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	7.6	11.4
122	8.1	11.3	16.9#





#79

Butylbenzylphthalate

Concen: 39.32 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

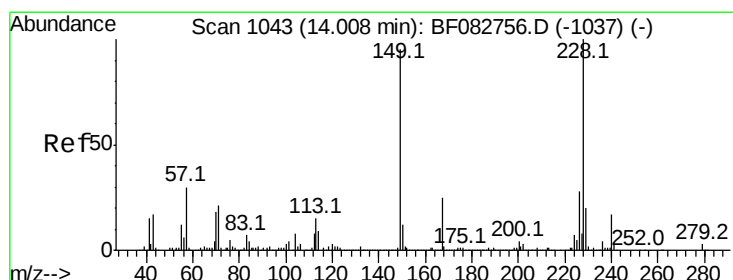
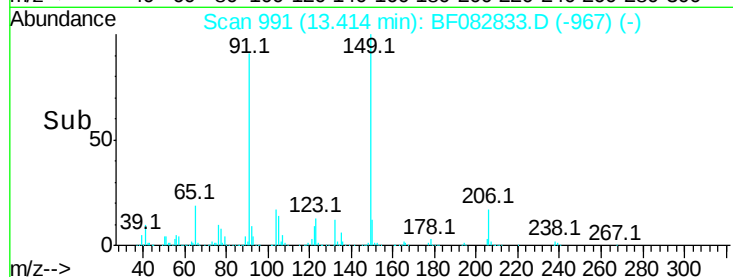
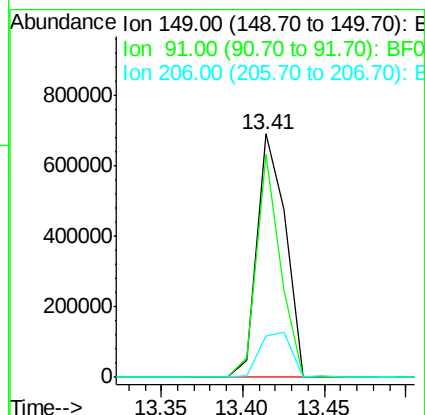
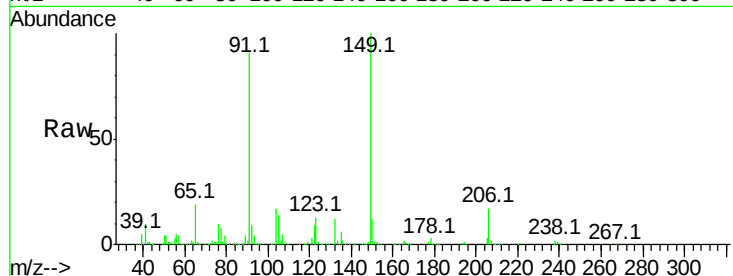
ClientSampleId :

PB86498BS

Tot Ion:	149	Resp:	837398
Ion Ratio	Lower	Upper	
149	100		
91	91.4	67.7	101.5
206	17.0	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 39.00 ng

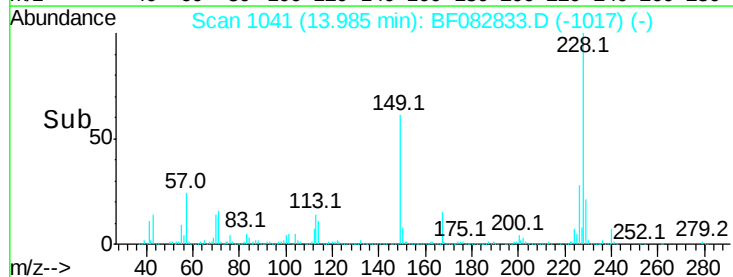
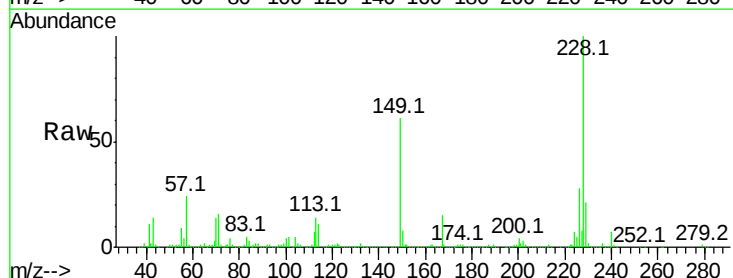
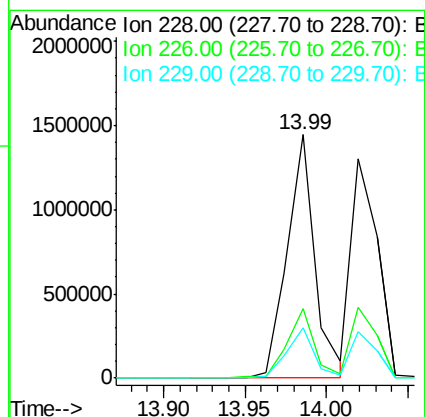
RT: 13.99 min Scan# 1041

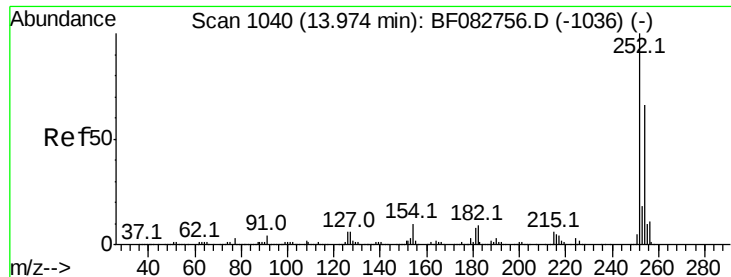
Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:	228	Resp:	1712018
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	20.9	16.3	24.5





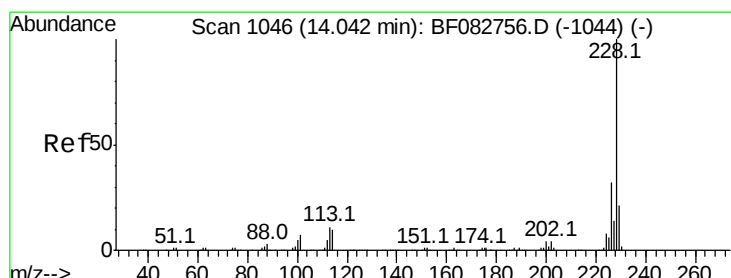
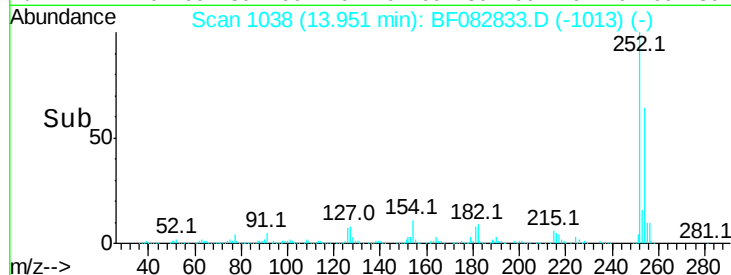
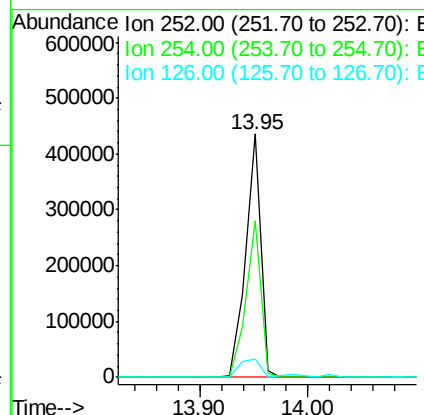
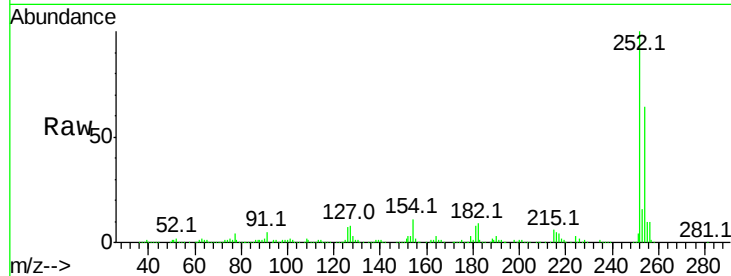
#81
 3,3'-Dichlorobenzidine
 Concen: 26.47 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.0
126	7.3	10.7	16.1

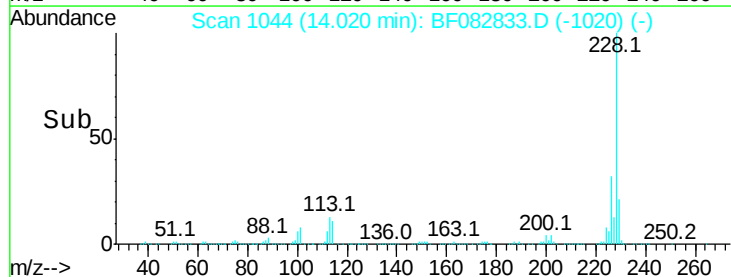
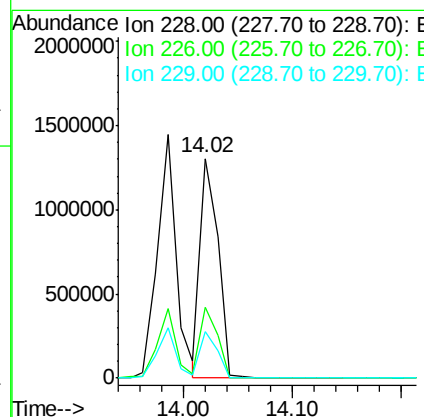
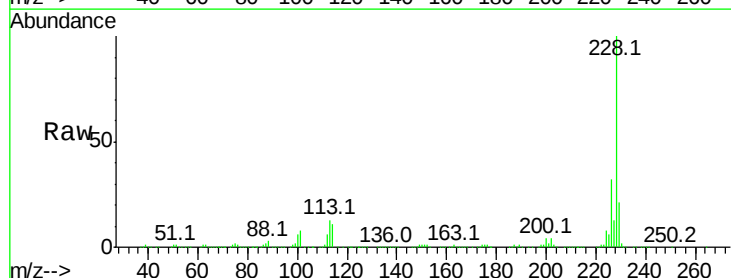
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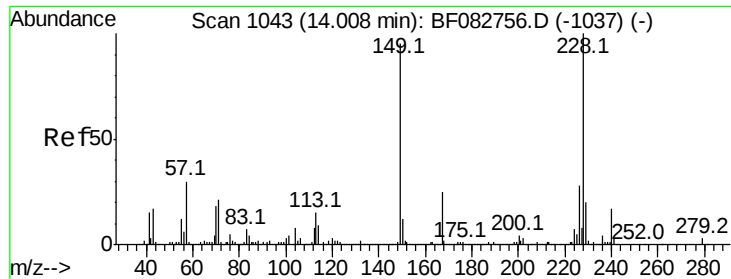
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#82
 Chrysene
 Concen: 37.06 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	20.9	16.3	24.5





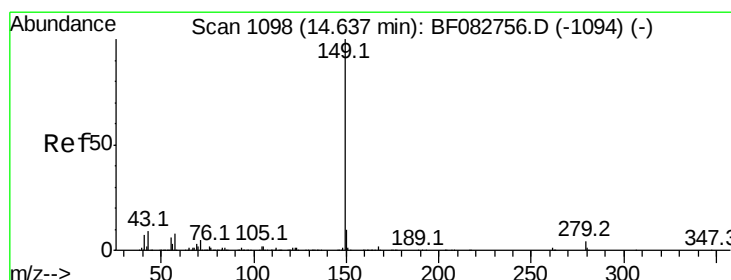
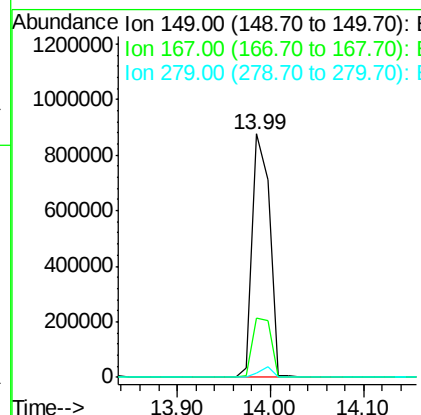
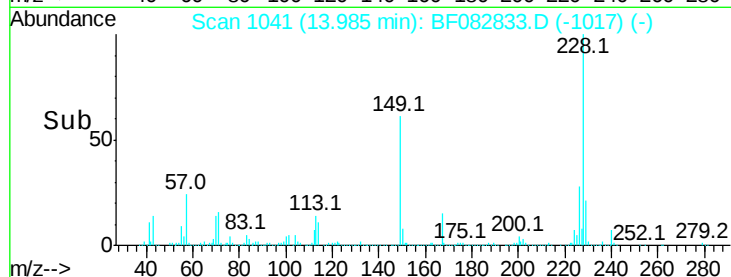
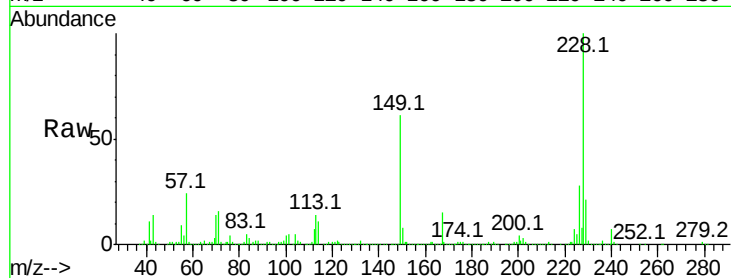
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.59 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:149 Resp: 1125046
 Ion Ratio Lower Upper
 149 100
 167 24.2 21.2 31.8
 279 1.9 2.2 3.2#

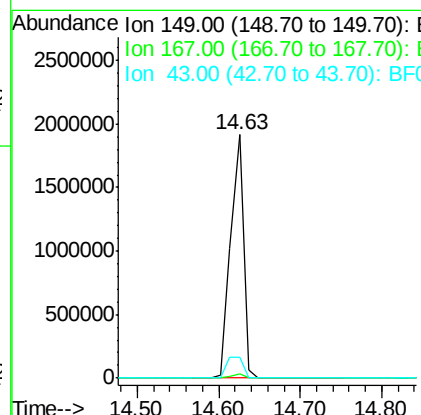
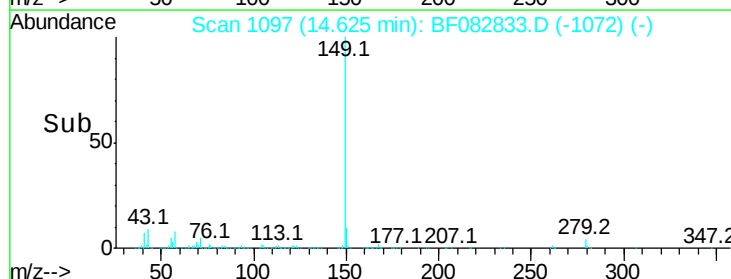
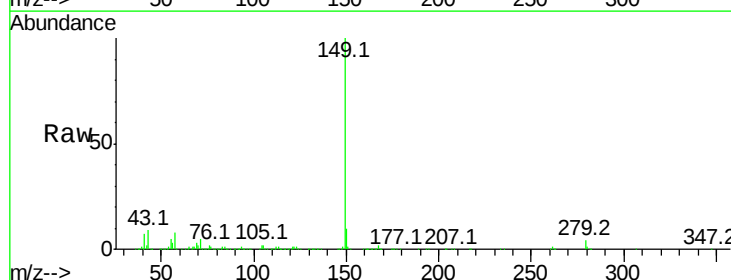
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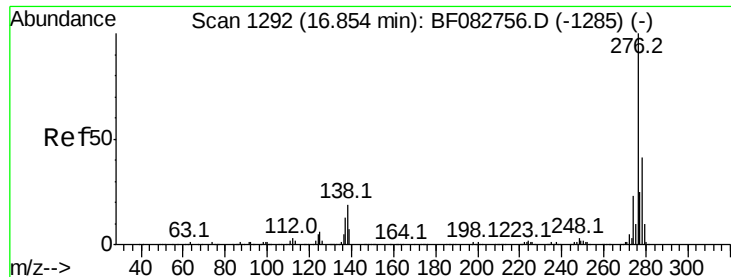
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 11/10/2015 1:02:25 PM



#84
 Di-n-octyl phthalate
 Concen: 42.95 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Tgt Ion:149 Resp: 2088738
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.52 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB86498BS

Tot Ion:276 Resp: 1541764

Ion Ratio Lower Upper

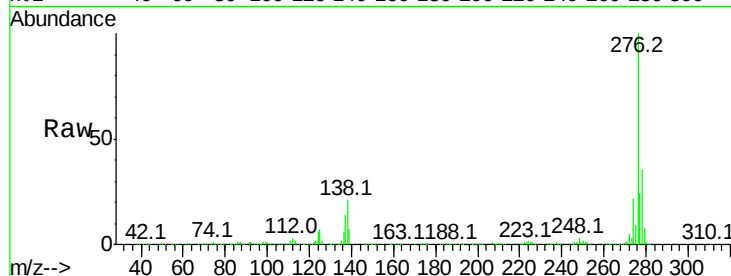
276 100

138 22.5 15.3 22.9

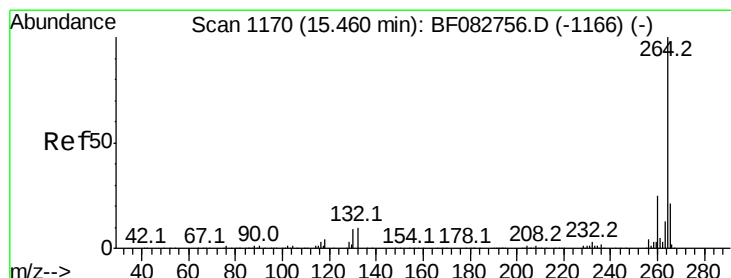
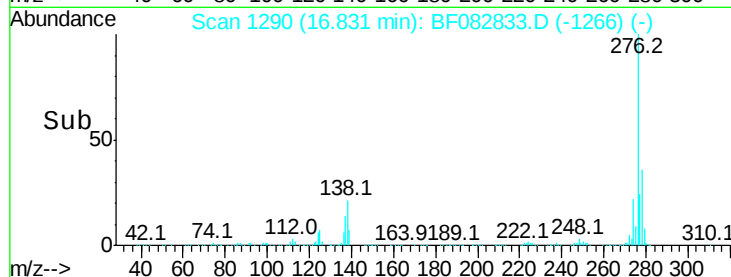
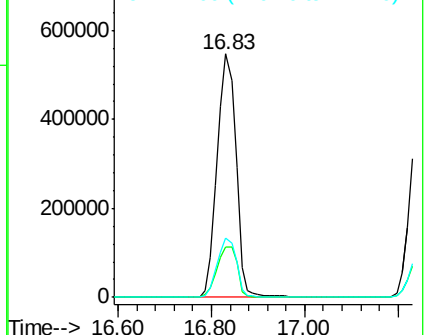
277 24.9 20.2 30.4

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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.45 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF082833.D

Acq: 9 Nov 2015 17:00

Tgt Ion:264 Resp: 694417

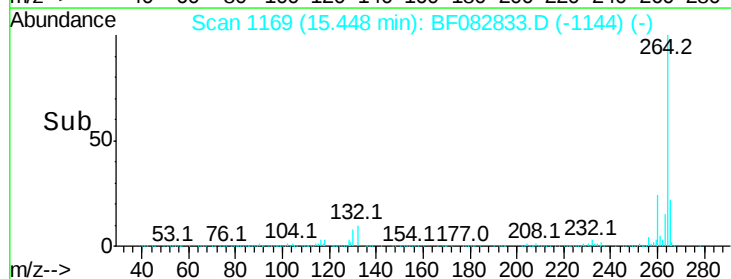
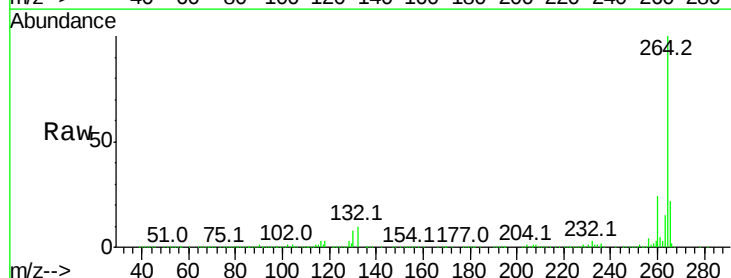
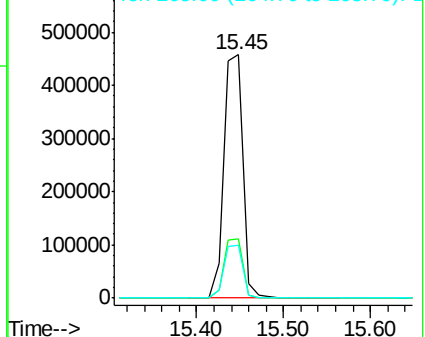
Ion Ratio Lower Upper

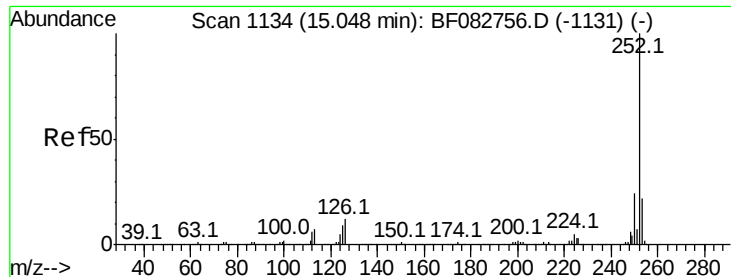
264 100

260 24.3 19.8 29.6

265 21.7 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





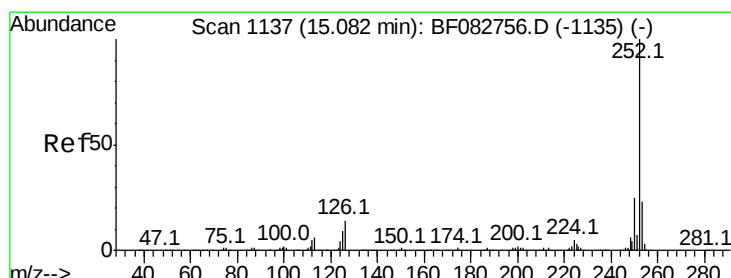
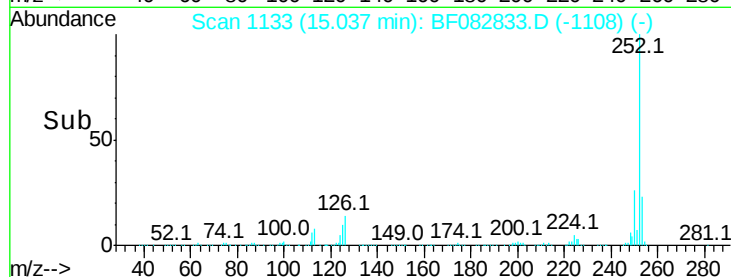
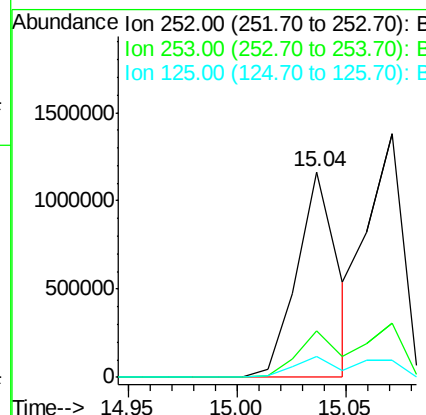
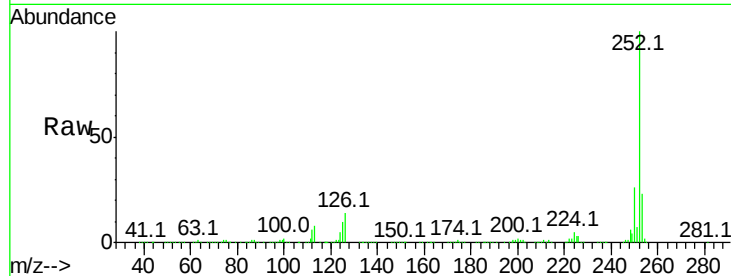
#87
Benzo(b)fluoranthene
Concen: 34.25 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:252 Resp: 1526483
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.1 5.4 8.2#

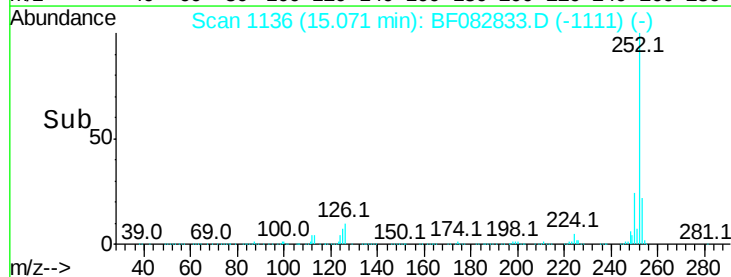
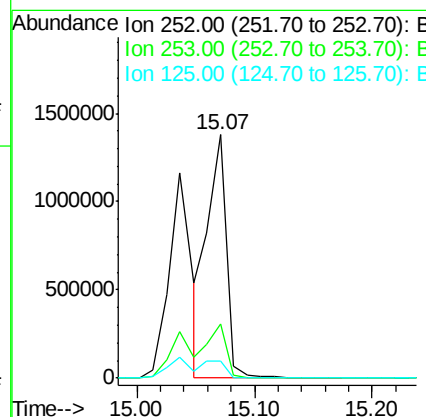
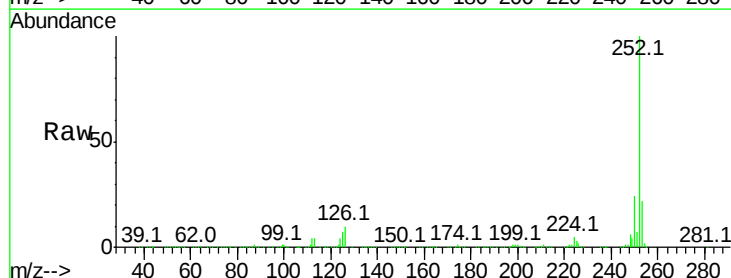
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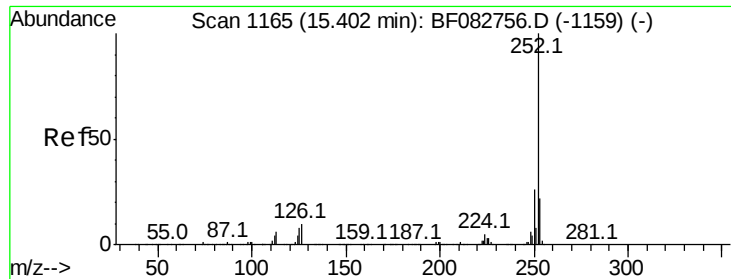
Mmdadoda
11/10/2015 1:02:25 PM



#88
Benzo(k)fluoranthene
Concen: 40.22 ng m
RT: 15.07 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:252 Resp: 1590277
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 6.8 3.5 5.3#





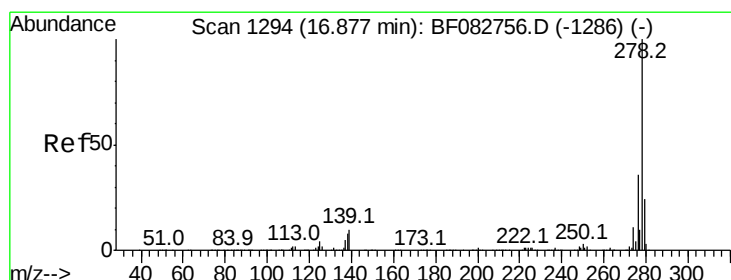
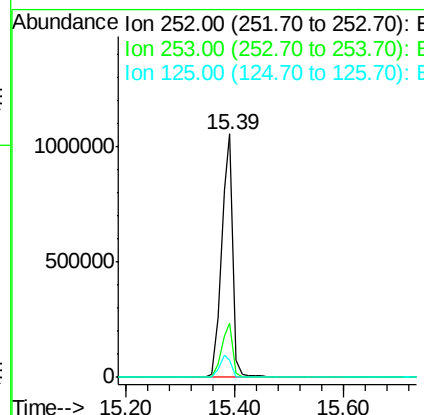
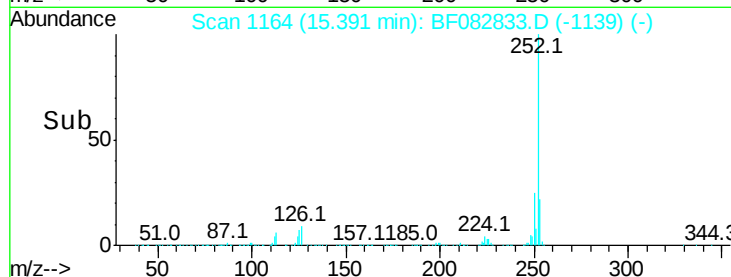
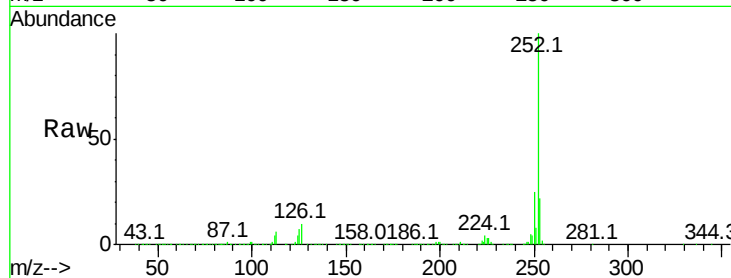
#89
Benzo(a)pyrene
Concen: 40.02 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB86498BS

Tot Ion:252 Resp: 1545484
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.2 7.1 10.7

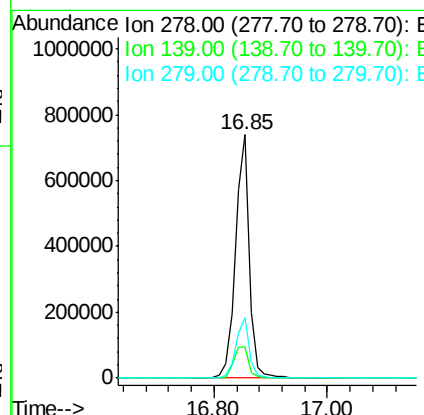
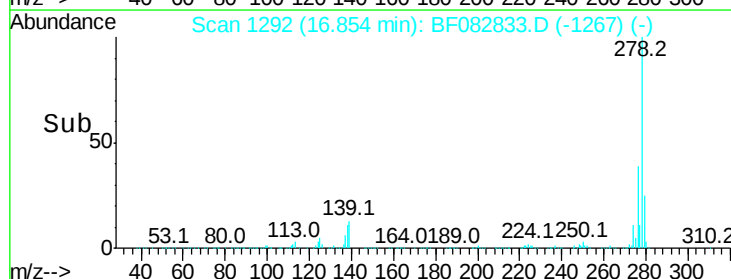
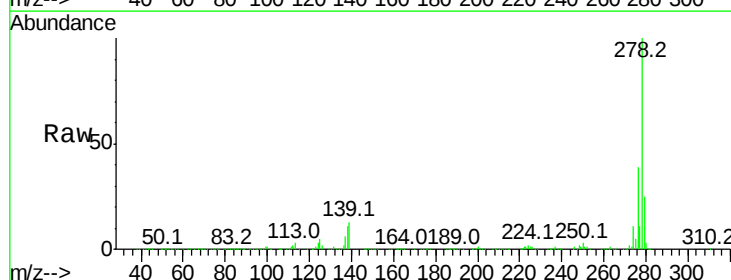
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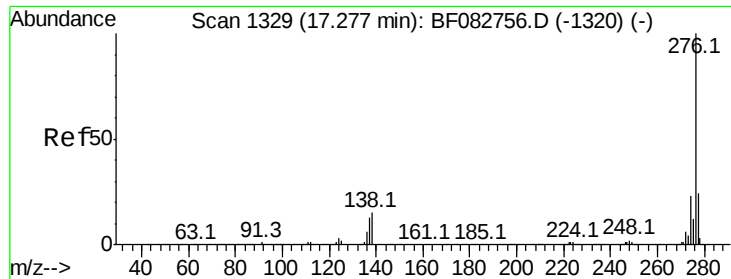
Mmdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 38.77 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF082833.D
Acq: 9 Nov 2015 17:00

Tgt Ion:278 Resp: 1267946
Ion Ratio Lower Upper
278 100
139 12.7 9.9 14.9
279 24.9 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.02 ng
 RT: 17.25 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF082833.D
 Acq: 9 Nov 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB86498BS

Tot Ion:	276	Resp:	1253462
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	17.3	13.1	19.7

Manual Integrations
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 11/10/2015 1:02:25 PM

