

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082832.D
 Acq On : 9 Nov 2015 15:32
 Operator : UM/IZ
 Sample : PB86454BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:20 PM

Quant Time: Nov 10 11:32:41 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	250444	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	956799	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	444601	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	836906	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	713629	20.00	ng	-0.02
86) Perylene-d12	15.44	264	661745	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1787678	111.06	ng	0.00
7) Phenol-d6	6.48	99	2230640	104.24	ng	0.00
23) Nitrobenzene-d5	7.40	82	1676692	76.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	579067	113.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	2252112	72.60	ng	-0.02
78) Terphenyl-d14	12.95	244	2344257	77.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	245473	35.34	ng	97
3) Pyridine	3.25	79	731813	36.31	ng	95
4) n-Nitrosodimethylamine	3.20	42	359766	35.99	ng	# 75
6) Aniline	6.49	93	632040	21.04	ng	# 1
8) 2-Chlorophenol	6.62	128	646553	36.24	ng	96
9) Benzaldehyde	6.37	77	74459	6.30	ng	81
10) Phenol	6.49	94	889967	36.65	ng	93
11) bis(2-Chloroethyl)ether	6.57	93	629441	34.67	ng	92
12) 1,3-Dichlorobenzene	6.77	146	736371	36.59	ng	# 87
13) 1,4-Dichlorobenzene	6.85	146	701866m	33.52	ng	
14) 1,2-Dichlorobenzene	7.00	146	655058	34.40	ng	98
15) Benzyl Alcohol	6.98	79	686627	36.54	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1017952	38.22	ng	97
17) 2-Methylphenol	7.09	107	541577	35.83	ng	99
18) Hexachloroethane	7.34	117	263240	35.15	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	501306	31.87	ng	89
20) 3+4-Methylphenols	7.25	107	729814	37.14	ng	# 72
22) Acetophenone	7.24	105	930778	33.95	ng	# 91
24) Nitrobenzene	7.41	77	739368	32.88	ng	91
25) Isophorone	7.66	82	1414457	34.77	ng	# 94
26) 2-Nitrophenol	7.73	139	347873	37.06	ng	# 74
27) 2,4-Dimethylphenol	7.78	122	615215	36.48	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	808563	35.23	ng	97
29) 2,4-Dichlorophenol	7.98	162	568812	37.32	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	628812	36.68	ng	95
31) Naphthalene	8.14	128	1885209	35.71	ng	99
32) Benzoic acid	7.92	122	437368	37.88	ng	86
33) 4-Chloroaniline	8.19	127	311772	13.70	ng	# 84
34) Hexachlorobutadiene	8.27	225	371080	34.59	ng	97
35) Caprolactam	8.56	113	177255m	36.89	ng	
36) 4-Chloro-3-methylphenol	8.68	107	665083	37.10	ng	# 86
37) 2-Methylnaphthalene	8.83	142	1143030	33.47	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	557262	38.14	ng	97
40) Hexachlorocyclopentadiene	8.99	237	661002	84.21	ng	100

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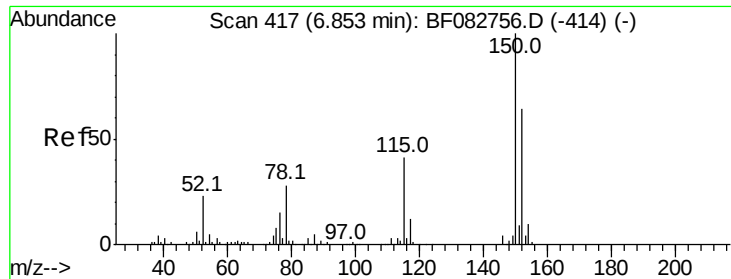
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	429035m	39.34	nq	
43) 2,4,5-Trichlorophenol	9.16	196	434528m	40.29	nq	
45) 1,1'-Biphenyl	9.30	154	1496928	39.24	nq	97
46) 2-Chloronaphthalene	9.32	162	1184672	39.81	nq	99
47) 2-Nitroaniline	9.41	65	450090	40.77	nq	# 82
48) Acenaphthylene	9.73	152	1664356	35.69	nq	99
49) Dimethylphthalate	9.61	163	1406264	38.61	nq	# 97
50) 2,6-Dinitrotoluene	9.65	165	301276	38.76	nq	91
51) Acenaphthene	9.90	154	1179438	39.90	nq	99
52) 3-Nitroaniline	9.82	138	198642	23.24	nq	# 69
53) 2,4-Dinitrophenol	9.93	184	329955	77.32	nq	# 30
54) Dibenzofuran	10.08	168	1496179	37.54	nq	94
55) 4-Nitrophenol	10.00	139	482024	73.51	nq	84
56) 2,4-Dinitrotoluene	10.06	165	454148	43.07	nq	# 78
57) Fluorene	10.42	166	1124230	34.83	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	364389	41.39	nq	# 86
59) Diethylphthalate	10.30	149	1375133	38.66	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	622258	38.53	nq	95
61) 4-Nitroaniline	10.44	138	324702	37.77	nq	# 77
62) Azobenzene	10.58	77	1569145	41.07	nq	96
64) 4,6-Dinitro-2-methylphenol	10.46	198	216489	36.31	nq	# 44
65) n-Nitrosodiphenylamine	10.53	169	1034592	34.22	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	353816	35.11	nq	# 69
67) Hexachlorobenzene	10.97	284	385338	34.25	nq	# 88
68) Atrazine	11.06	200	370534	39.63	nq	97
69) Pentachlorophenol	11.16	266	455222	66.62	nq	98
70) Phenanthrene	11.38	178	1690073	34.77	nq	100
71) Anthracene	11.44	178	1903836	37.19	nq	98
72) Carbazole	11.58	167	1686918	37.64	nq	99
73) Di-n-butylphthalate	11.93	149	2078284	37.22	nq	# 98
74) Fluoranthene	12.57	202	1941908	37.23	nq	98
76) Benzidine	12.68	184	810176	33.88	nq	100
77) Pyrene	12.80	202	2023040	41.28	nq	99
79) Butylbenzylphthalate	13.43	149	870965	40.23	nq	# 75
80) Benzo(a)anthracene	13.99	228	1739082	38.97	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	380383	23.98	nq	# 97
82) Chrysene	14.02	228	1402324	34.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	1094305	36.93	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1900804	38.45	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	1420252	40.35	nq	97
87) Benzo(h)fluoranthene	15.04	252	1785268m	42.03	nq	
88) Benzo(k)fluoranthene	15.06	252	1168501m	31.01	nq	
89) Benzo(a)pyrene	15.38	252	1419544	38.57	nq	98
90) Dibenzo(a,h)anthracene	16.84	278	1189074	38.16	nq	99
91) Benzo(g,h,i)perylene	17.24	276	1151730	38.59	nq	98

(#) = 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: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

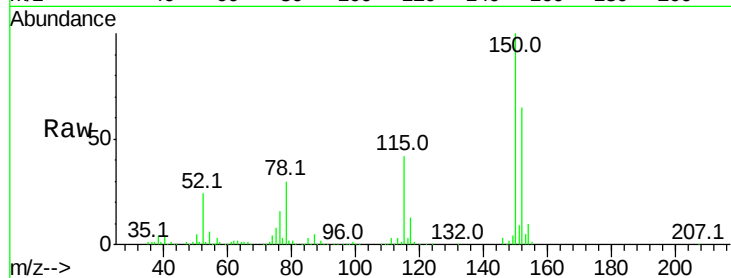
ClientSampleId :

PB86454BS

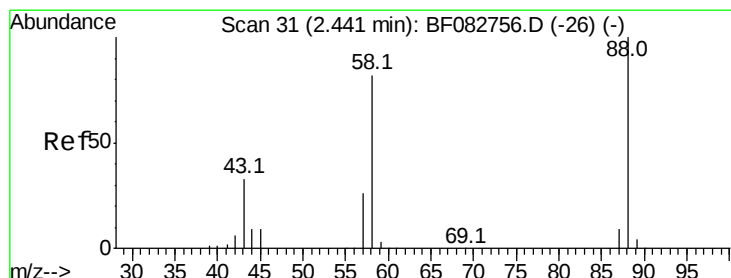
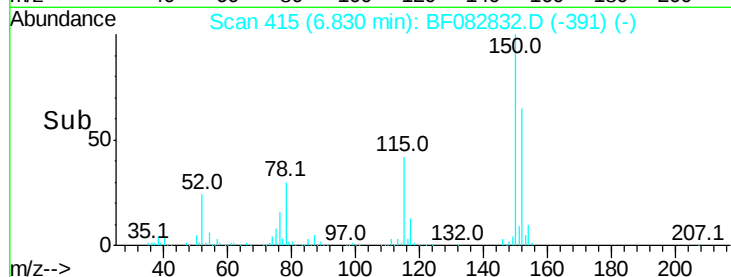
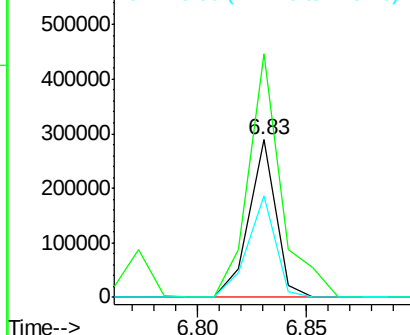
Tot Ion:	152	Resp:	250444
Ion Ratio	Lower	Upper	
152	100		
150	154.6	127.0	190.4
115	64.8	47.0	70.6

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



#2

1,4-Dioxane

Concen: 35.34 ng

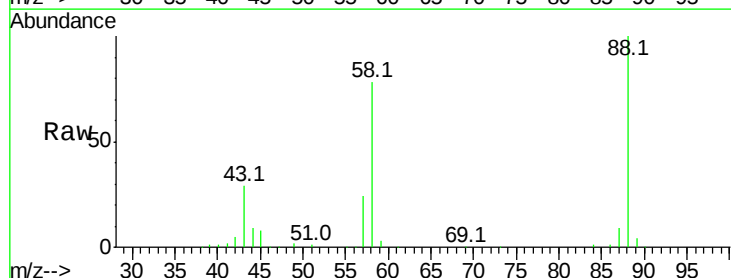
RT: 2.56 min Scan# 41

Delta R.T. 0.11 min

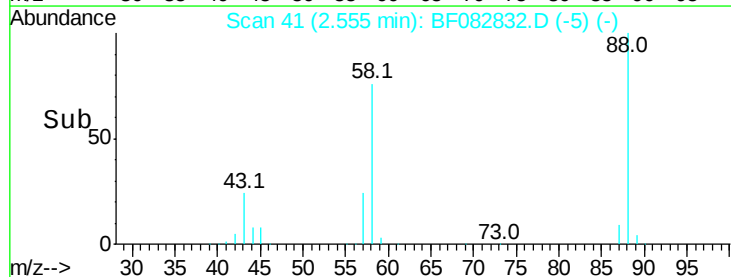
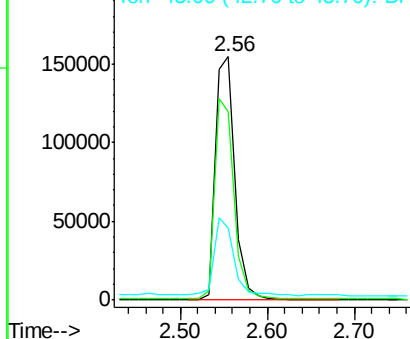
Lab File: BF082832.D

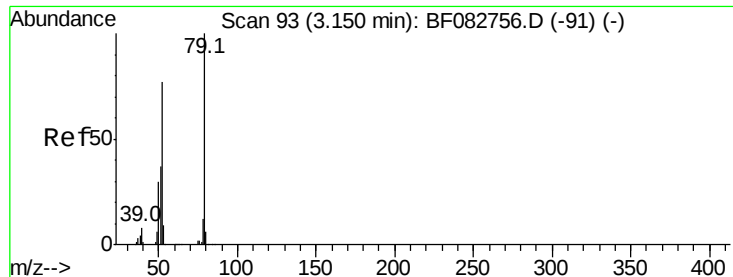
Acq: 9 Nov 2015 15:32

Tgt Ion:	88	Resp:	245473
Ion Ratio	Lower	Upper	
88	100		
58	80.0	62.0	93.0
43	30.4	26.6	40.0



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





#3

Pvridine

Concen: 36.31 ng

RT: 3.25 min Scan# 102

Delta R.T. 0.09 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

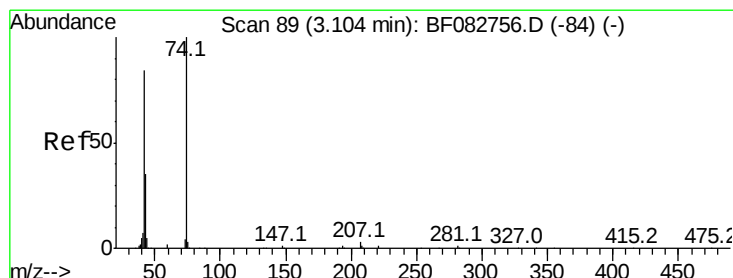
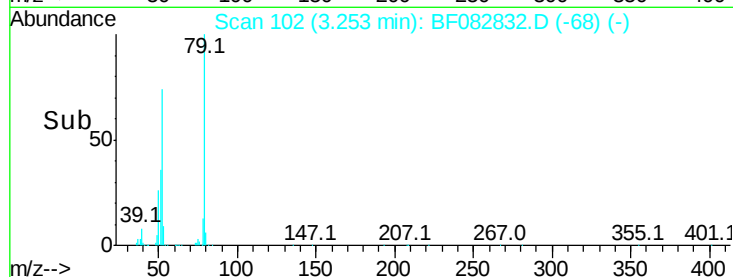
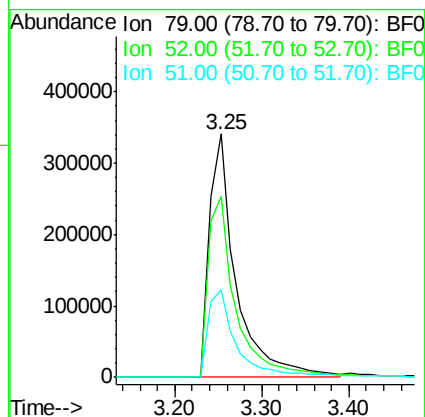
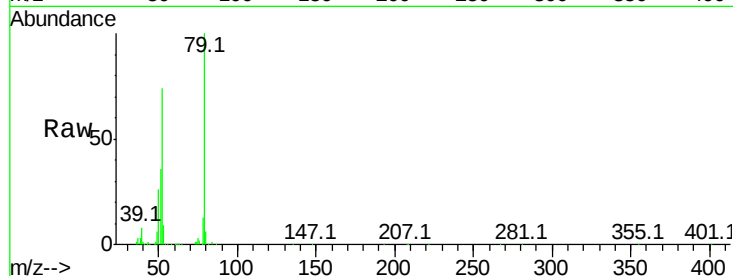
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	74.4	62.8	94.2		
51	36.2	32.0	48.0		



#4

n-Nitrosodimethylamine

Concen: 35.99 ng

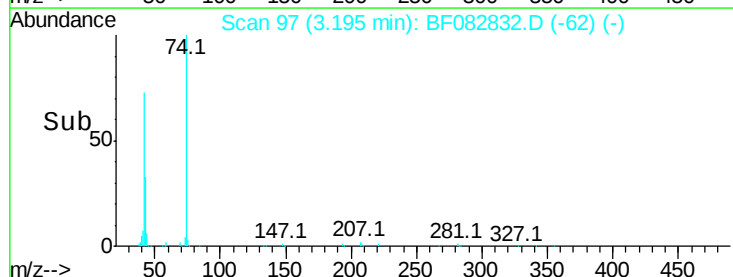
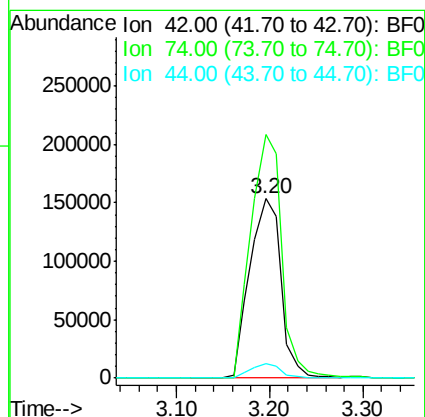
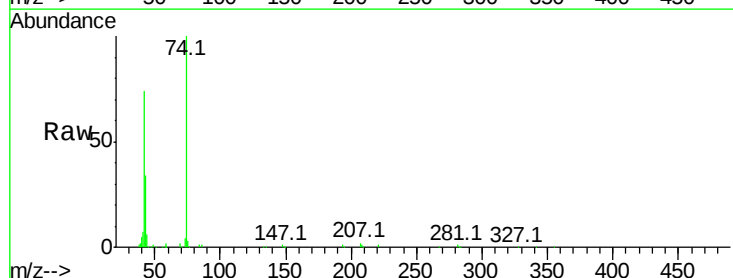
RT: 3.20 min Scan# 97

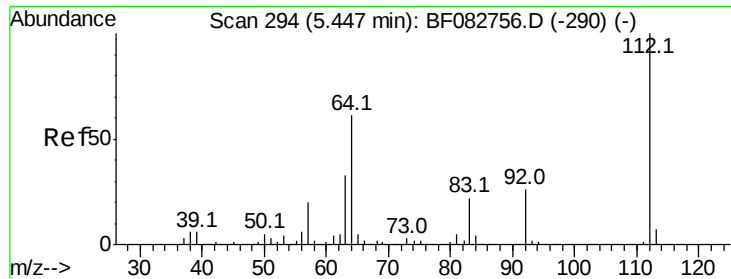
Delta R.T. 0.10 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	136.0	87.0	130.4#		
44	8.1	5.8	8.8		





#5

2-Fluorophenol

Concen: 111.06 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:112 Resp: 1787678

Ion Ratio Lower Upper

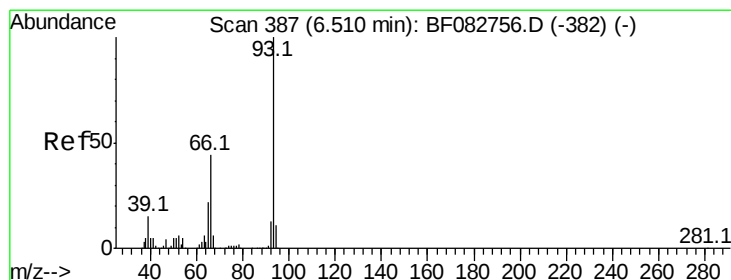
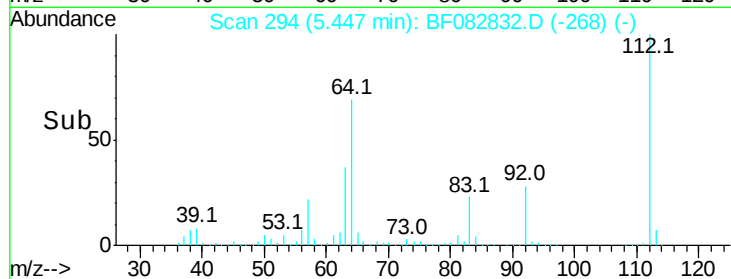
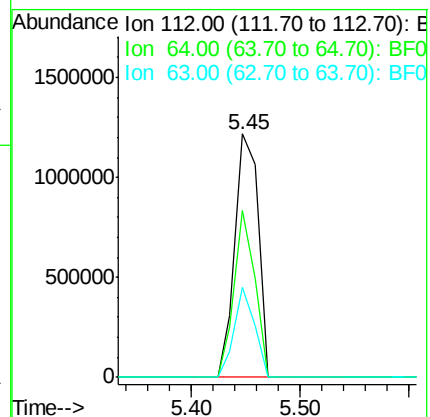
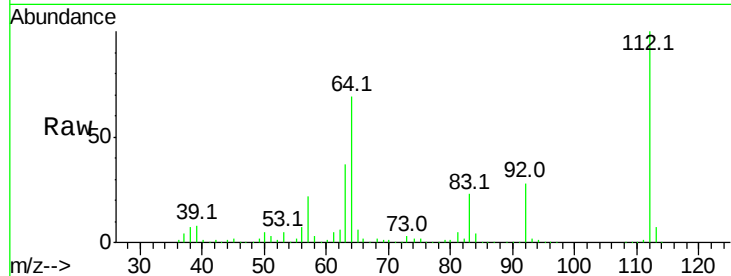
112 100

64 68.8 48.9 73.3

63 36.9 28.1 42.1

Manual Integrations
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#6

Aniline

Concen: 21.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

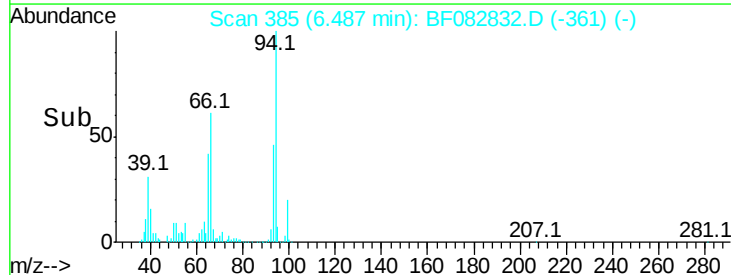
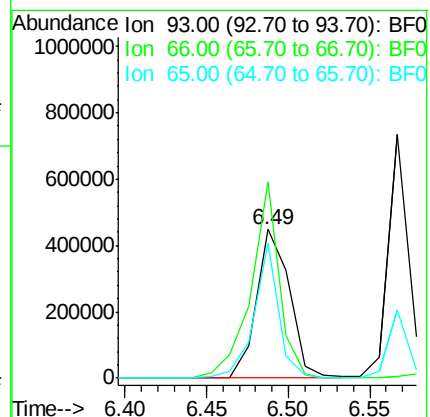
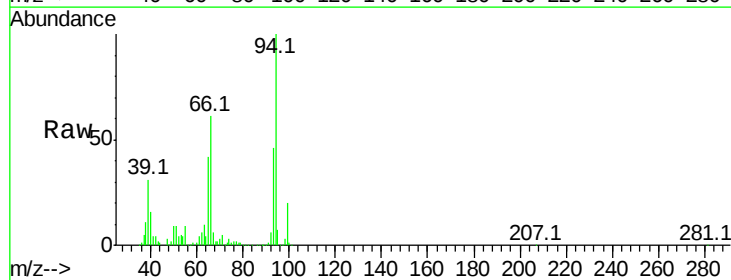
Tgt Ion: 93 Resp: 632040

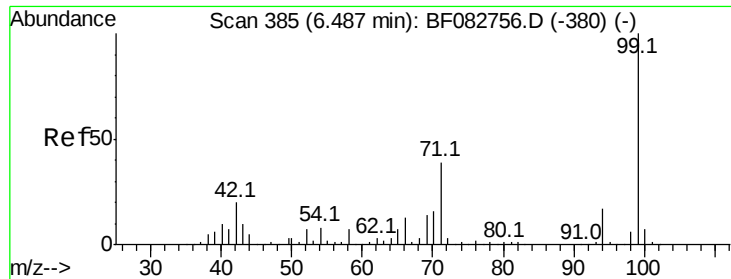
Ion Ratio Lower Upper

93 100

66 132.3 33.6 50.4#

65 91.0 18.1 27.1#





#7

Phenol-d6

Concen: 104.24 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion: 99 Resp: 2230640

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	38.1	35.0	52.4

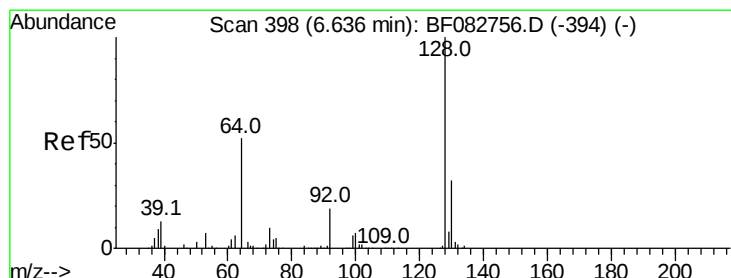
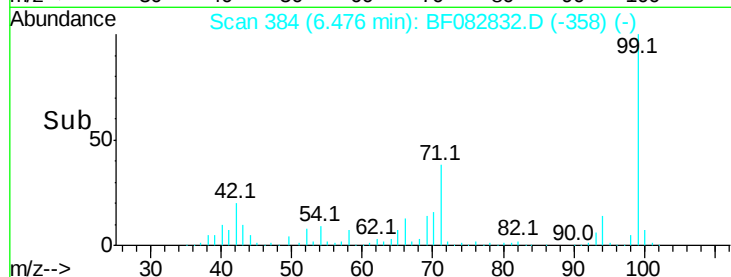
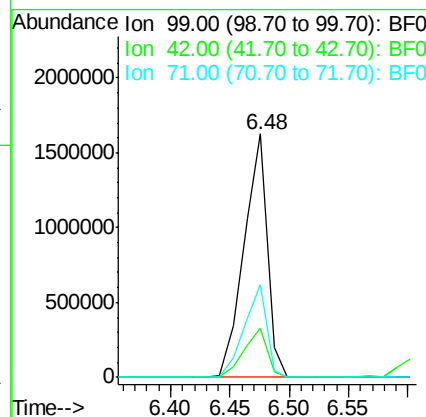
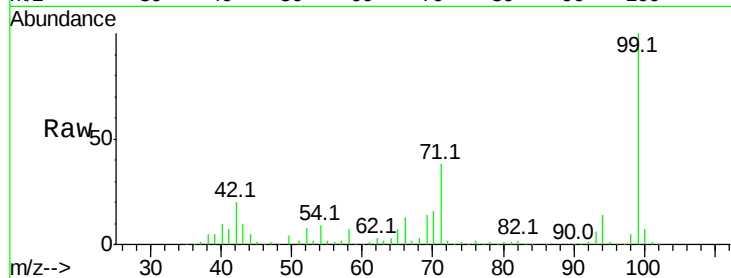
99 100

42 20.2 19.2 28.8

71 38.1 35.0 52.4

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#8

2-Chlorophenol

Concen: 36.24 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

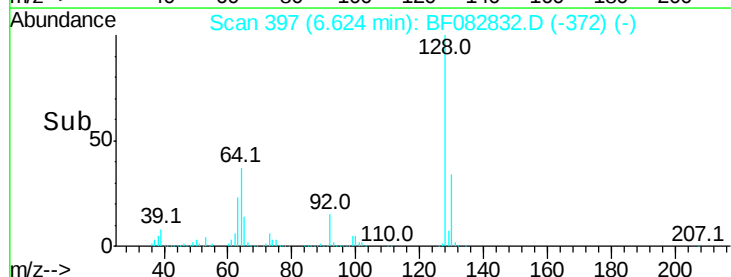
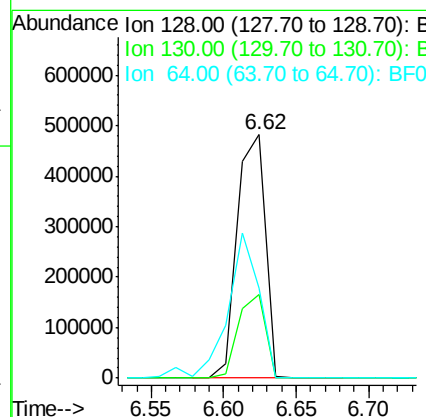
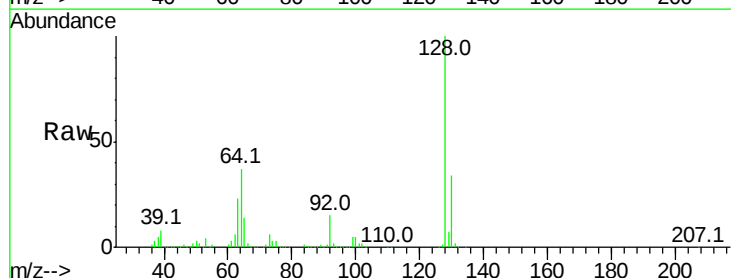
Tgt Ion: 128 Resp: 646553

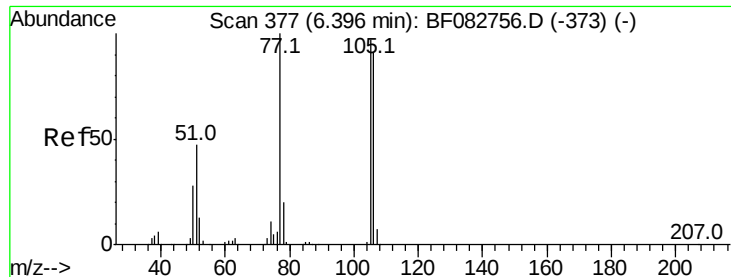
Ion	Ratio	Lower	Upper
128	100		
130	34.2	13.5	53.5
64	37.0	21.1	61.1

128 100

130 34.2 13.5 53.5

64 37.0 21.1 61.1





#9

Benzaldehyde

Concen: 6.30 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

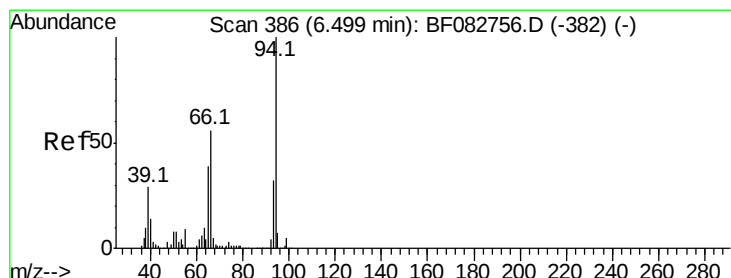
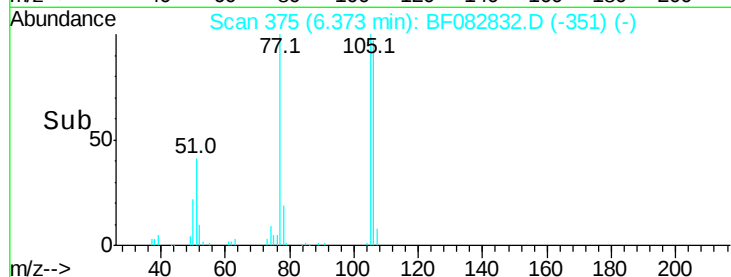
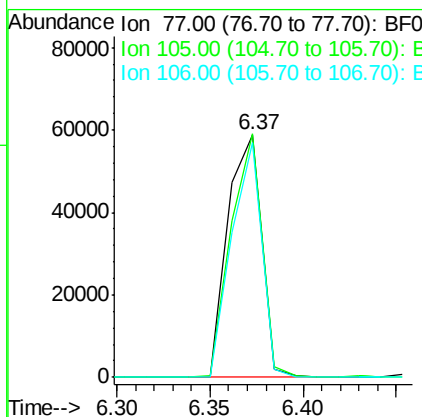
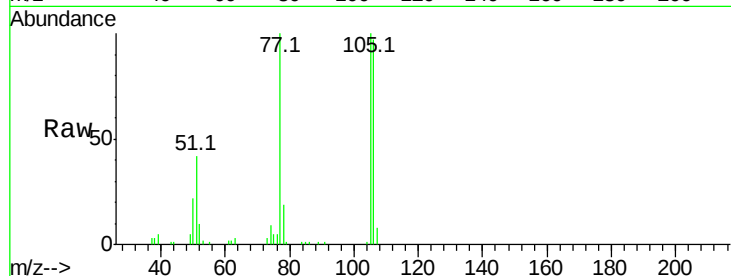
ClientSampleId :

PB86454BS

Manual Integrations
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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	100.4	63.5	103.5	
106	97.0	59.3	99.3	



#10

Phenol

Concen: 36.65 ng

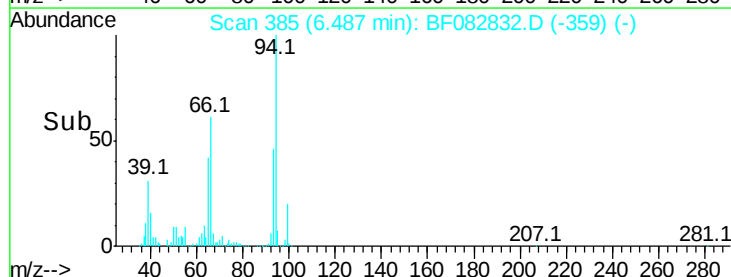
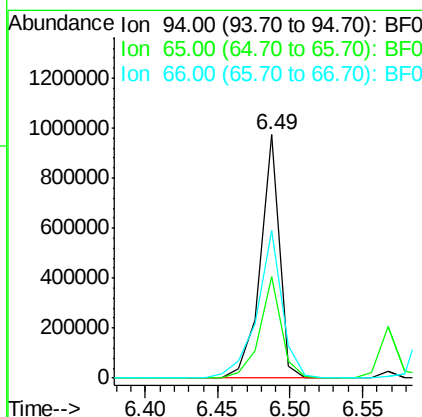
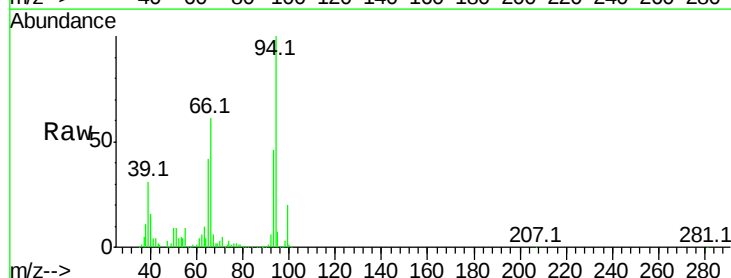
RT: 6.49 min Scan# 385

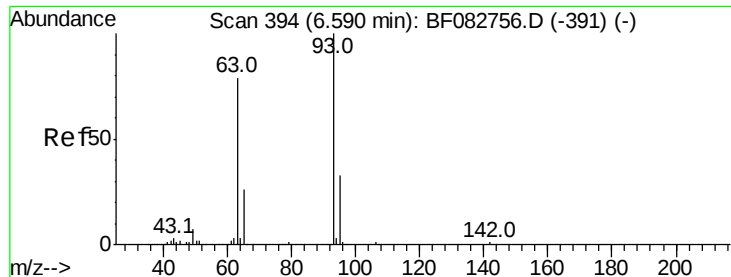
Delta R.T. 0.00 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	41.9	18.9	58.9	
66	60.8	34.9	74.9	





#11

bis(2-Chloroethyl)ether

Concen: 34.67 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

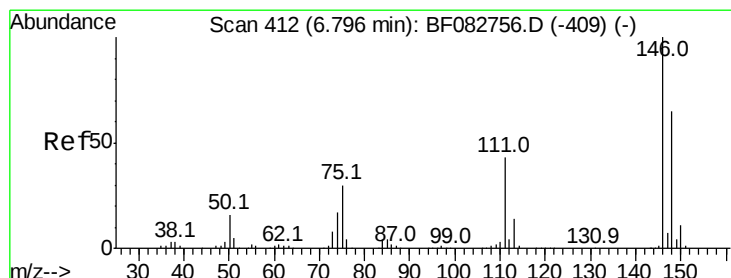
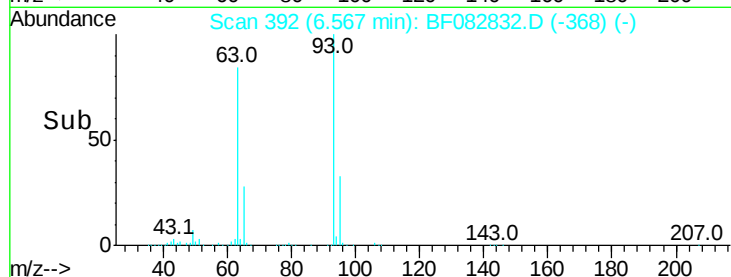
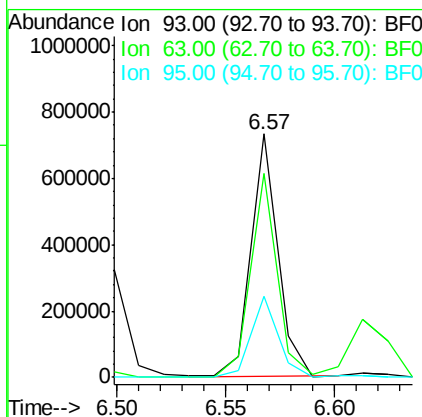
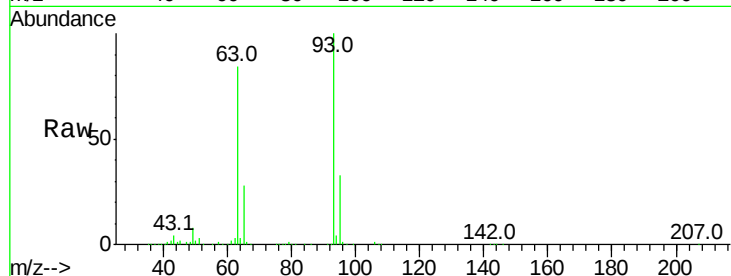
ClientSampleId :

PB86454BS

Tot Ion:	93	Resp:	629441
Ion Ratio	Lower	Upper	
93	100		
63	83.7	72.7	112.7
95	33.4	12.0	52.0

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 36.59 ng

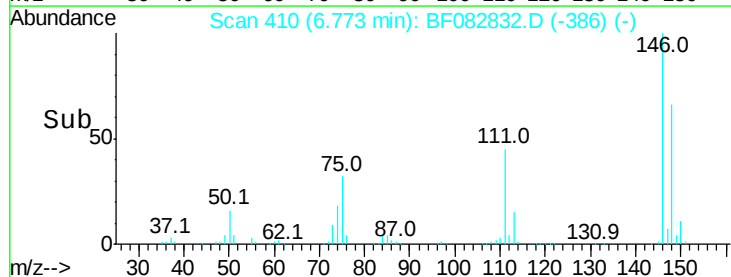
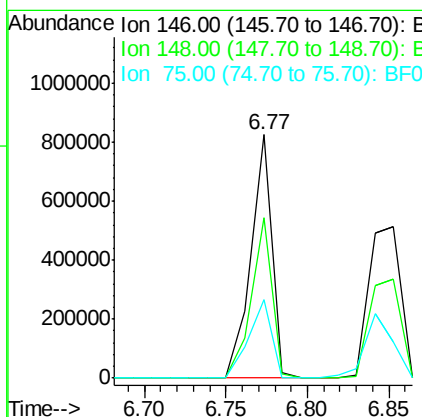
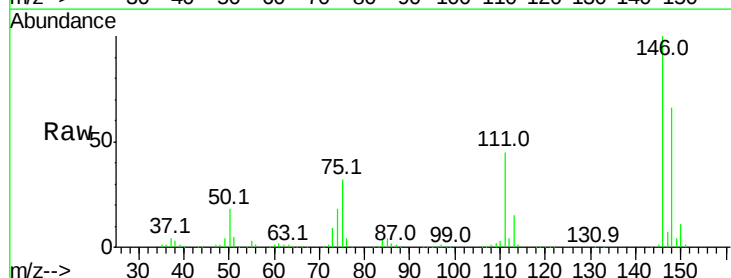
RT: 6.77 min Scan# 410

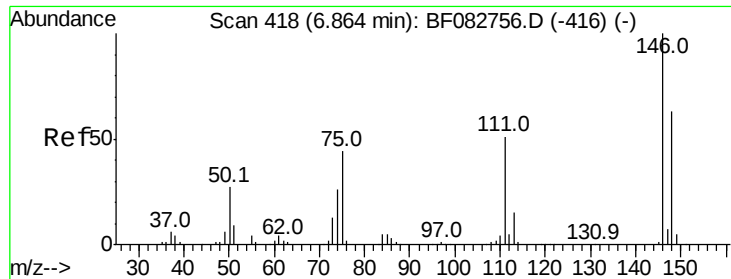
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	146	Resp:	736371
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.5	75.7
75	32.1	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 33.52 ng m

RT: 6.85 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

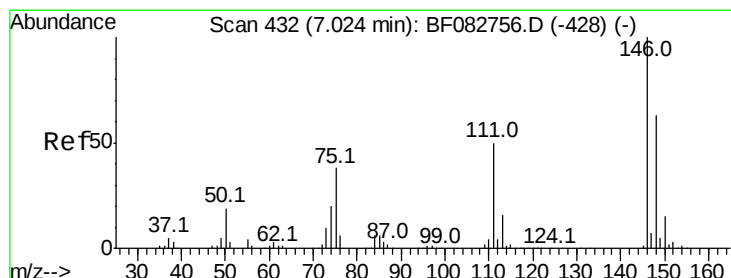
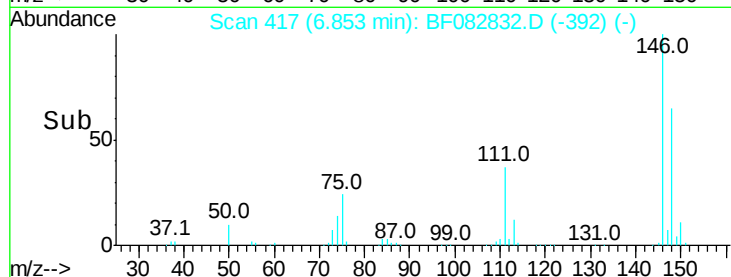
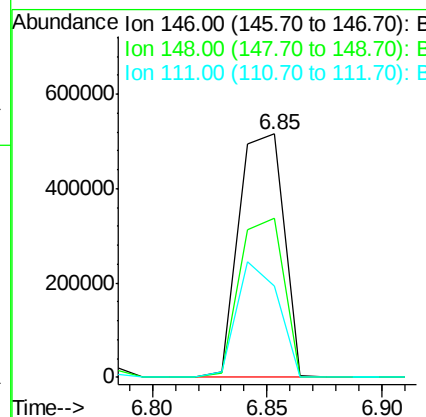
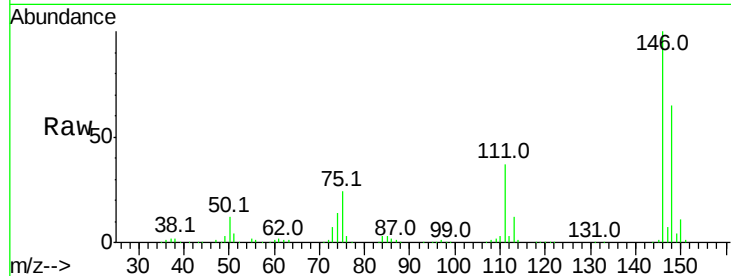
ClientSampleId :

PB86454BS

Tot Ion:	146	Resp:	701866
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.8	76.2
111	37.3	40.6	60.8#

Manual Integrations
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11/10/2015 1:02:20 PM



#14

1,2-Dichlorobenzene

Concen: 34.40 ng

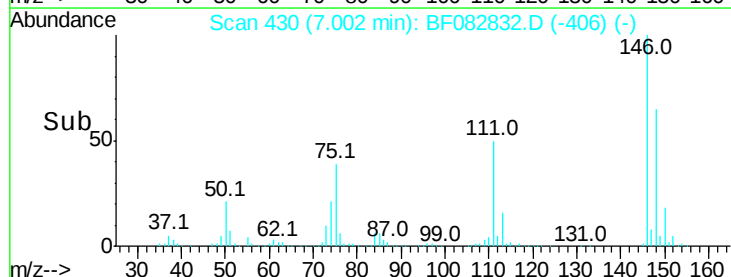
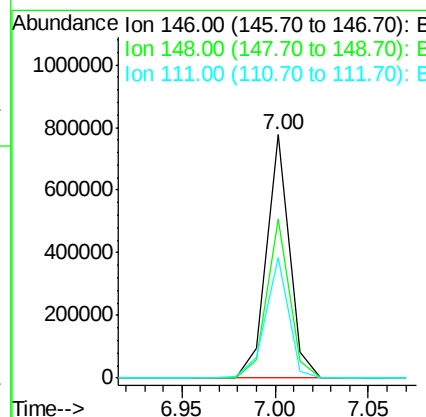
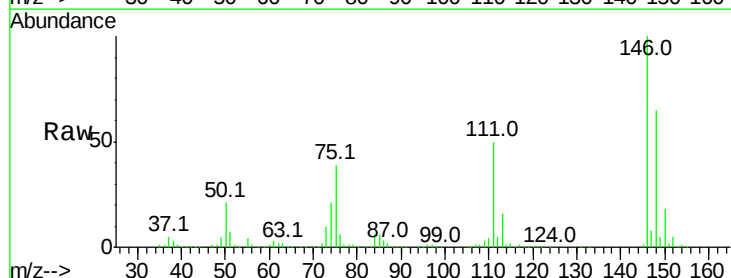
RT: 7.00 min Scan# 430

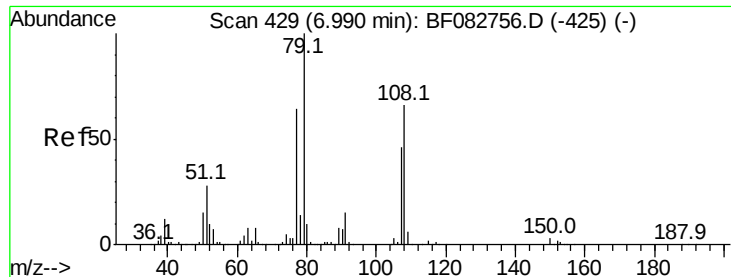
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	146	Resp:	655058
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	49.5	36.6	55.0





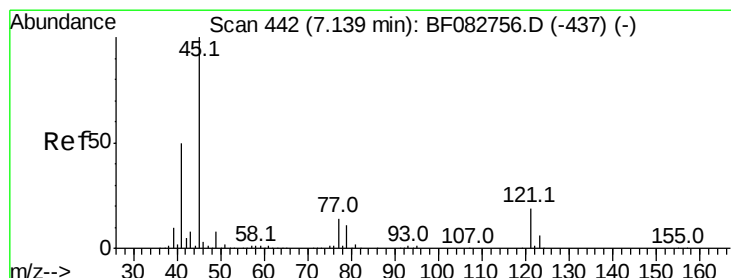
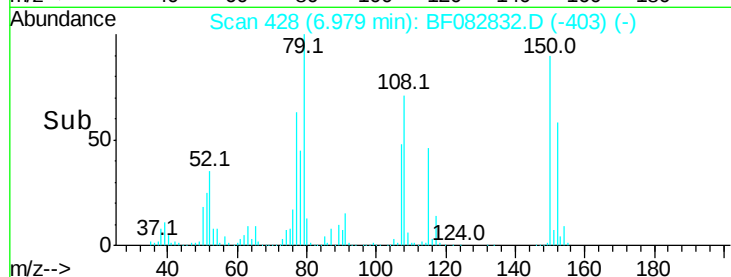
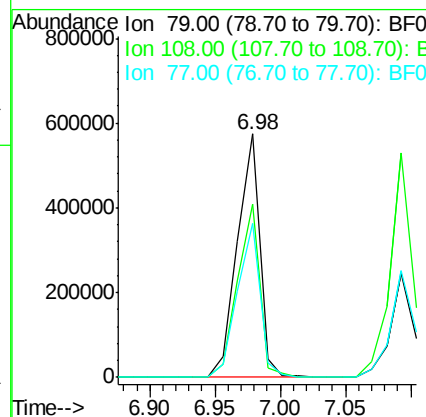
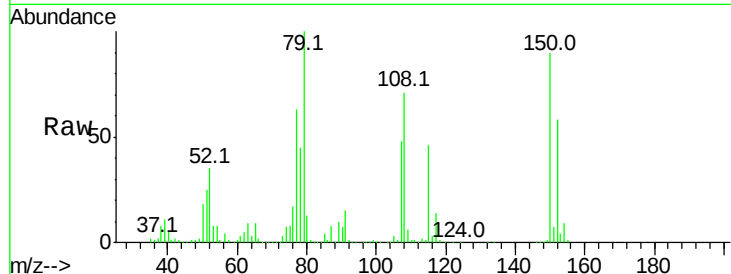
#15
Benzyl Alcohol
Concen: 36.54 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	686627		
108	71.0	52.2	78.4	
77	63.2	52.7	79.1	

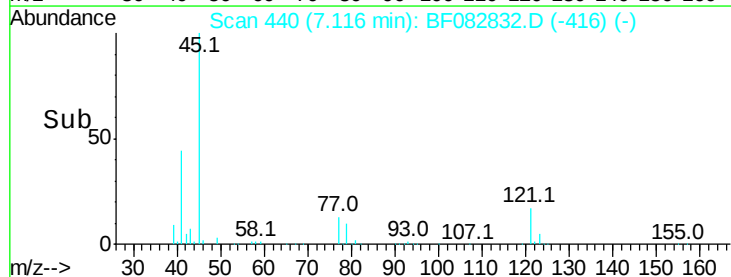
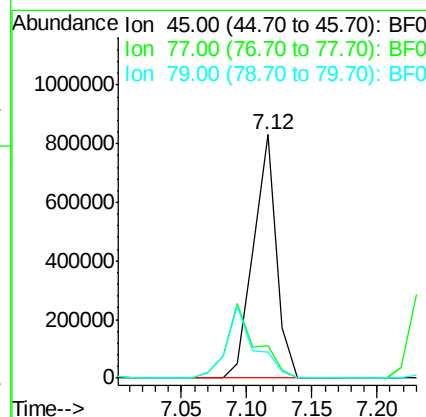
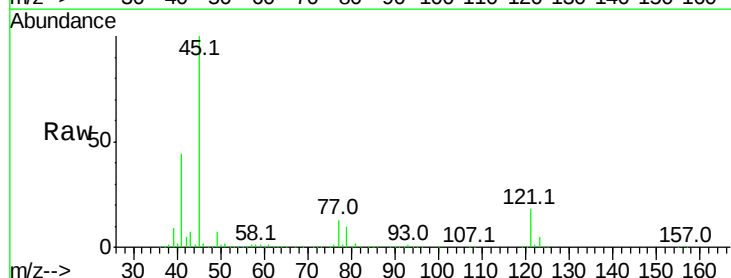
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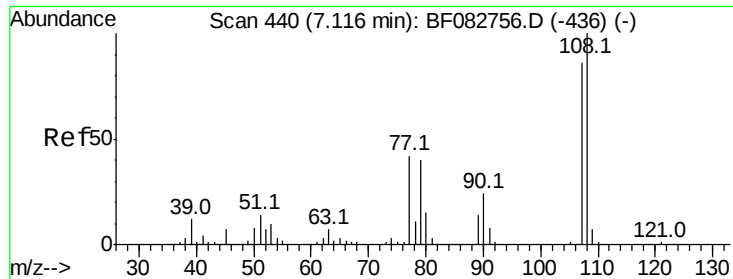
Mmdadoda
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.22 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1017952		
77	13.5	0.0	32.6	
79	10.4	0.0	29.2	





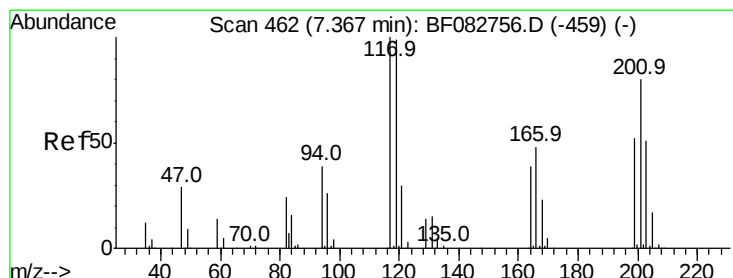
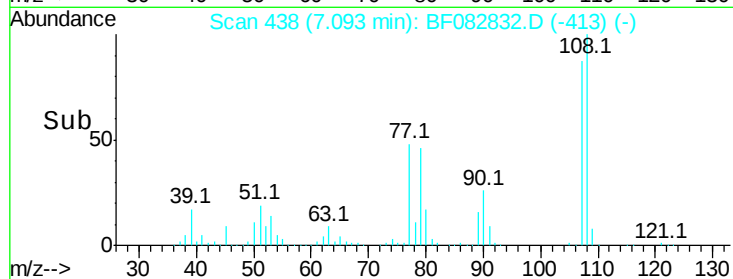
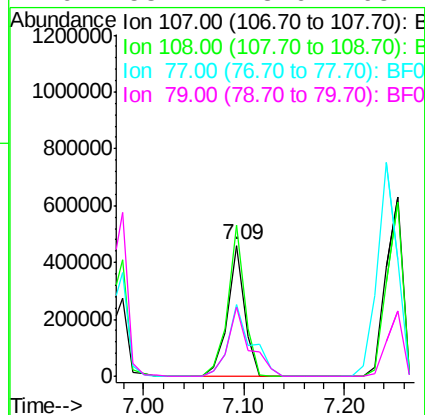
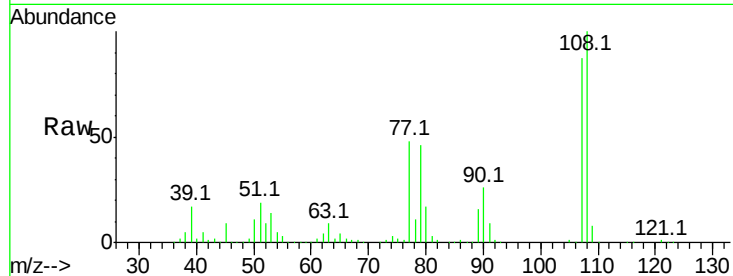
#17
2-Methylphenol
Concen: 35.83 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.4	93.0	139.4	
77	55.0	44.1	66.1	
79	53.1	43.6	65.4	

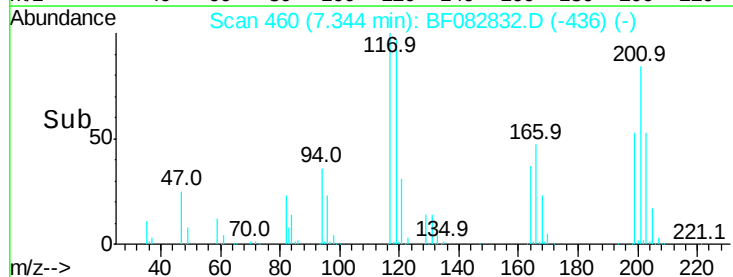
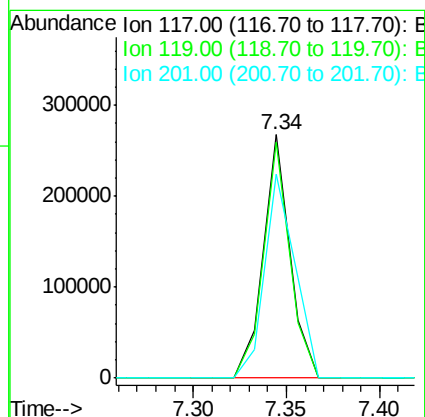
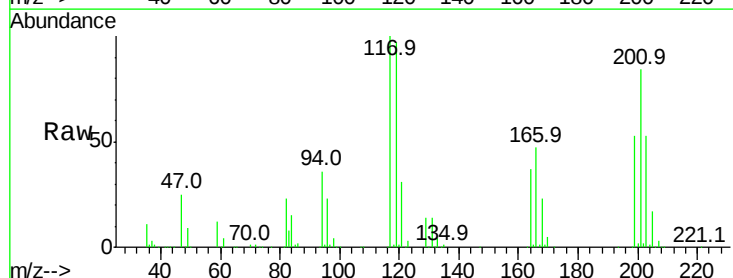
Manual Integrations
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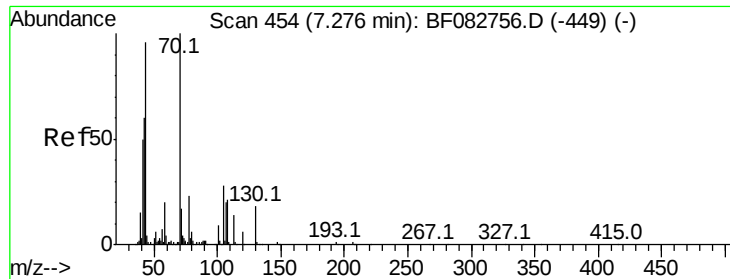
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#18
Hexachloroethane
Concen: 35.15 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	77.7	116.5	
201	83.6	66.7	100.1	





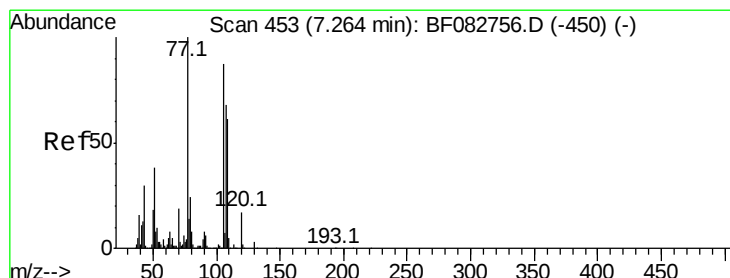
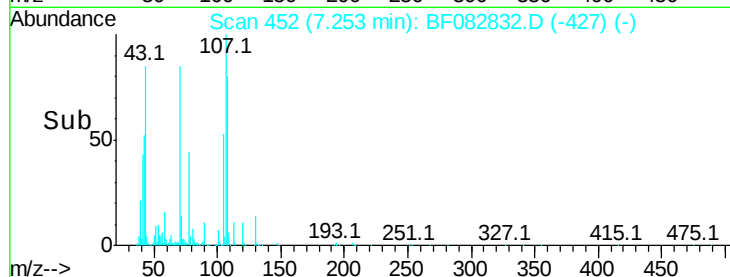
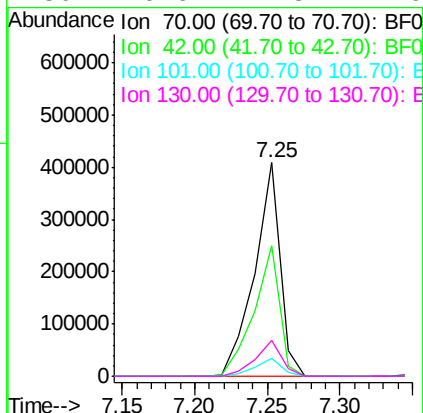
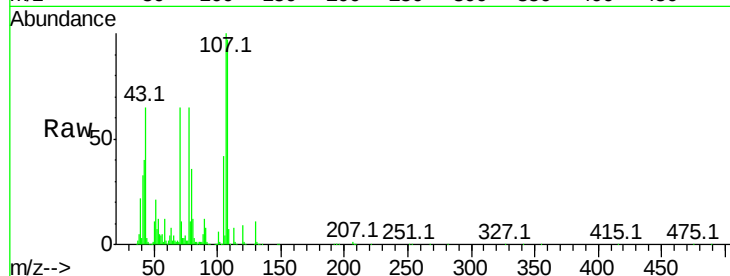
#19
n-Nitroso-di-n-propylamine
Concen: 31.87 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Manual Integrations
APPROVED

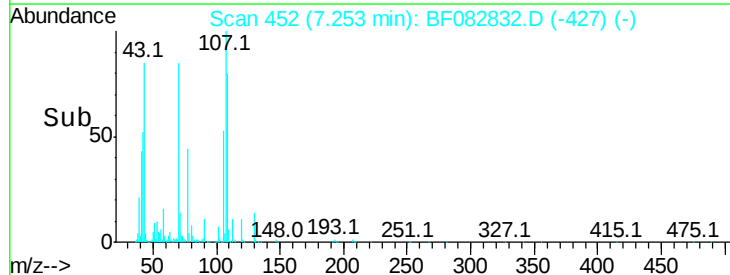
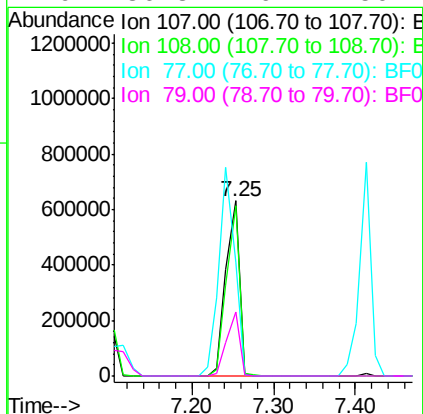
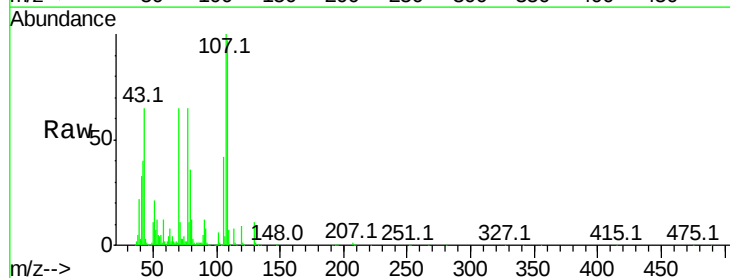
Mmdadoda
11/10/2015 1:02:20 PM

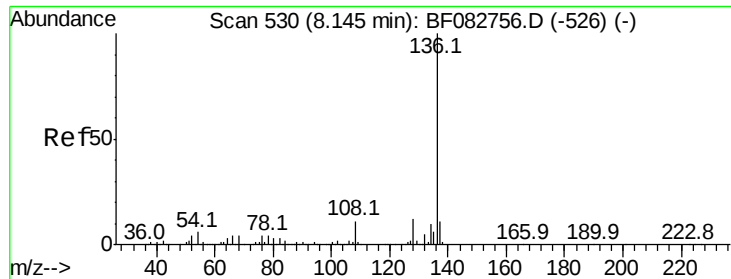
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.1	57.7	86.5	
101	8.7	7.0	10.6	
130	16.6	11.8	17.6	



#20
3+4-Methylphenols
Concen: 37.14 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.9	67.3	107.3	
77	65.2	100.3	140.3	
79	36.3	16.2	56.2	





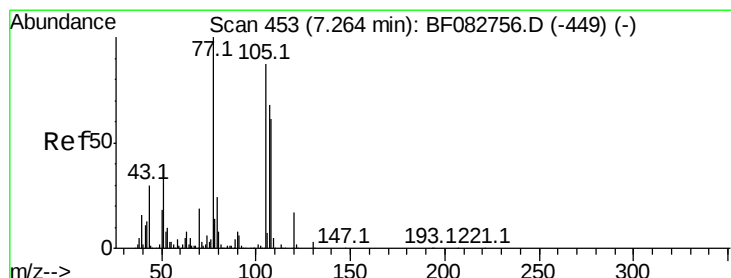
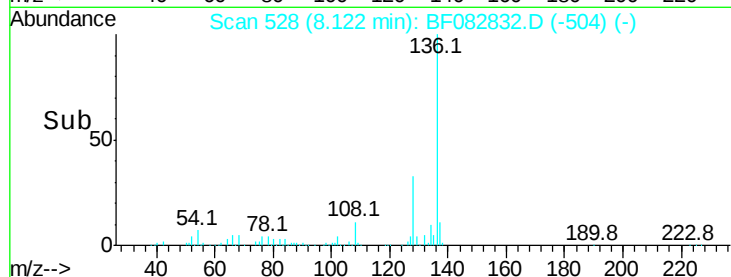
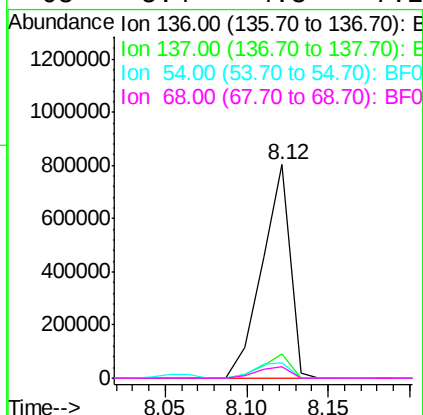
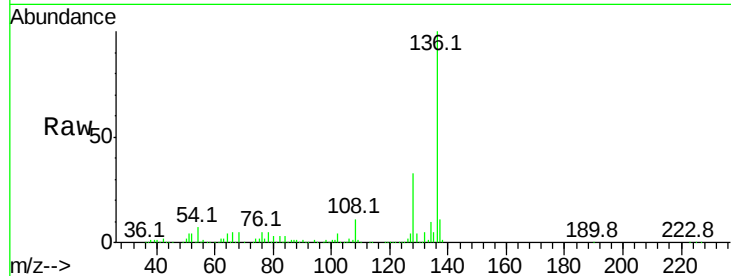
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.1	9.1	13.7#	
68	5.4	4.8	7.2	

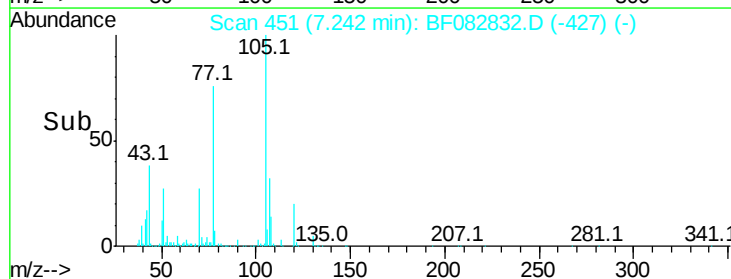
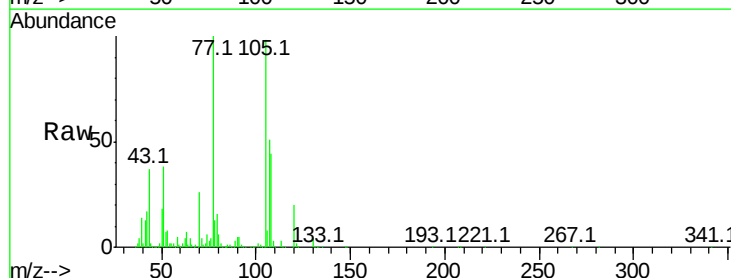
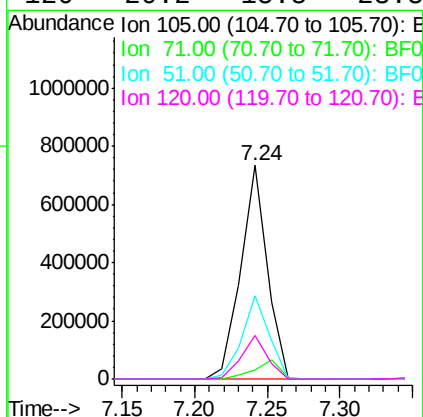
Manual Integrations
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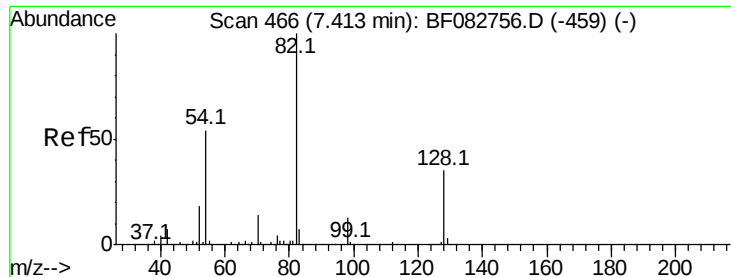
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#22
Acetophenone
Concen: 33.95 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	5.6	8.4#	
51	39.0	24.9	37.3#	
120	20.2	15.8	23.8	





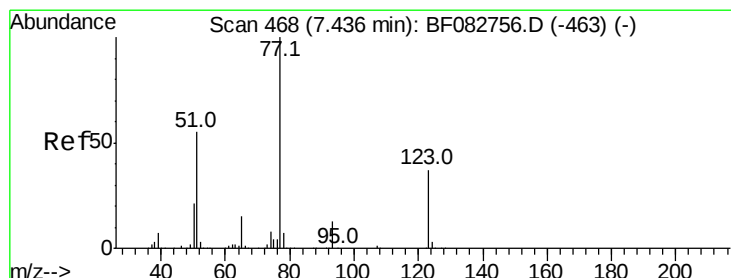
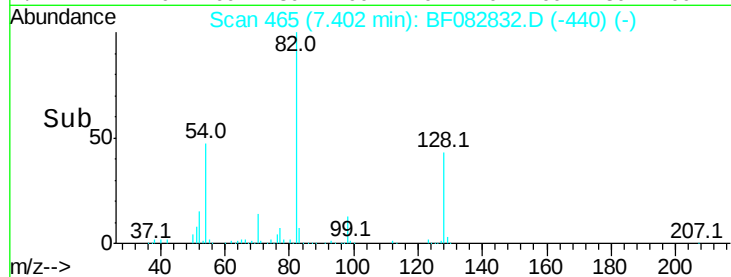
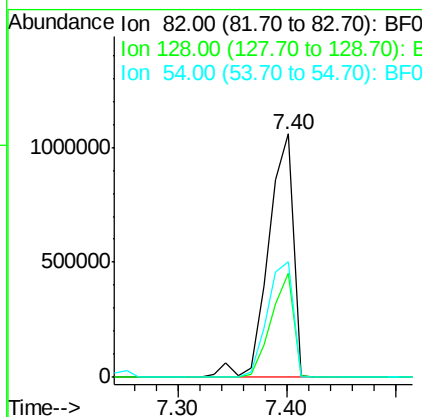
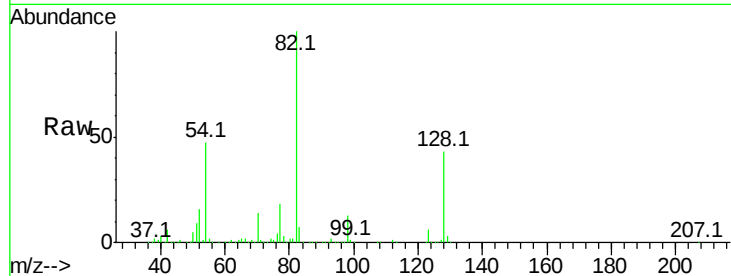
#23
 Nitrobenzene-d5
 Concen: 76.25 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion: 82 Resp: 1676692
 Ion Ratio Lower Upper
 82 100
 128 42.6 26.8 40.2#
 54 47.5 45.7 68.5

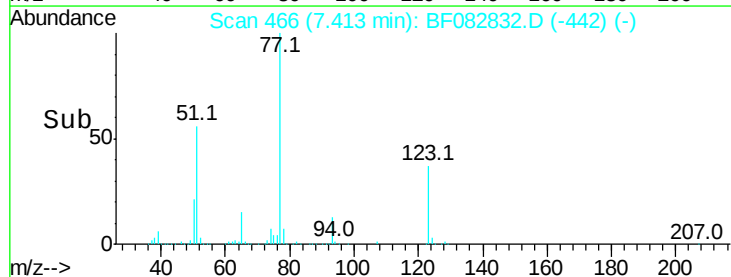
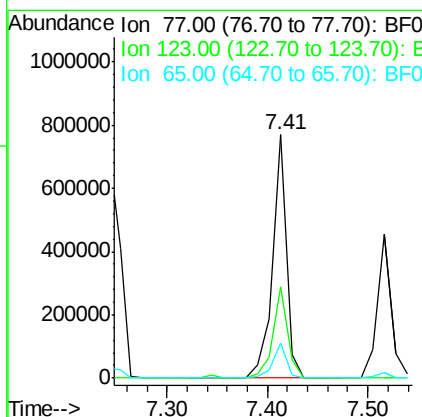
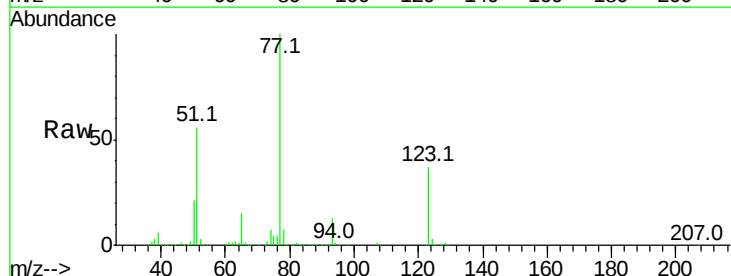
Manual Integrations
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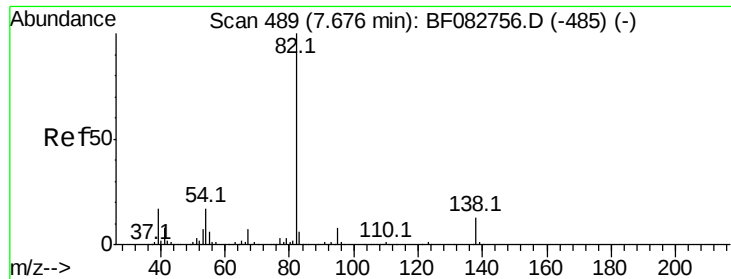
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 11/10/2015 1:02:20 PM



#24
 Nitrobenzene
 Concen: 32.88 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion: 77 Resp: 739368
 Ion Ratio Lower Upper
 77 100
 123 37.4 36.4 54.6
 65 14.5 11.5 17.3





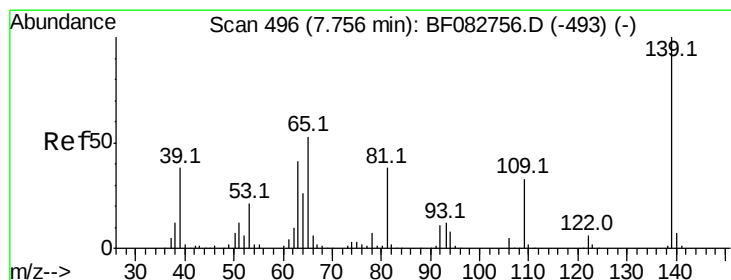
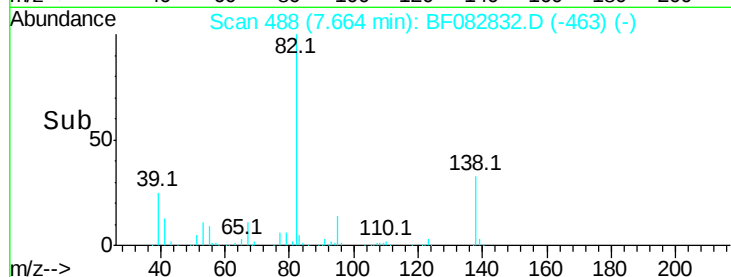
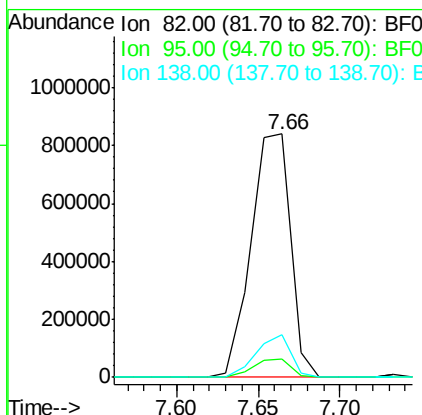
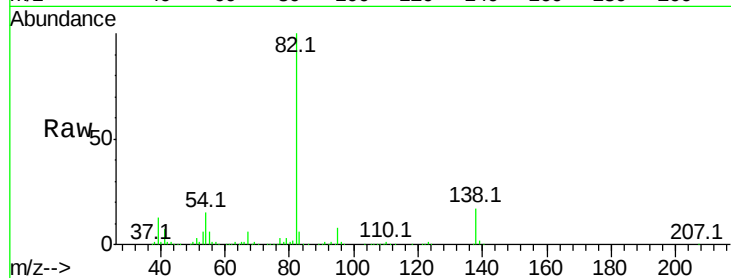
#25
Isophorone
Concen: 34.77 ng
RT: 7.66 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion: 82 Resp: 1414457
Ion Ratio Lower Upper
82 100
95 7.5 6.6 9.8
138 17.4 11.4 17.0#

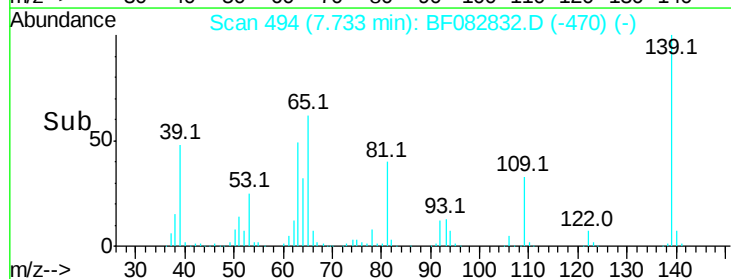
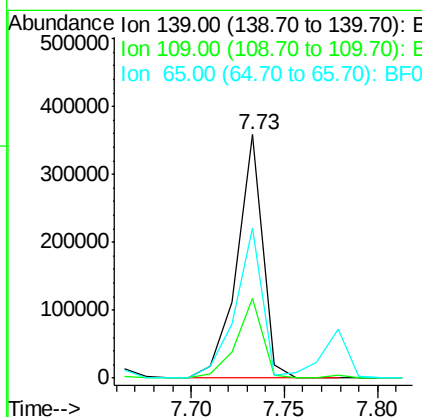
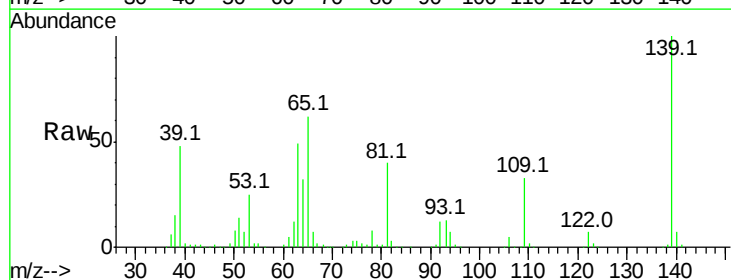
Manual Integrations
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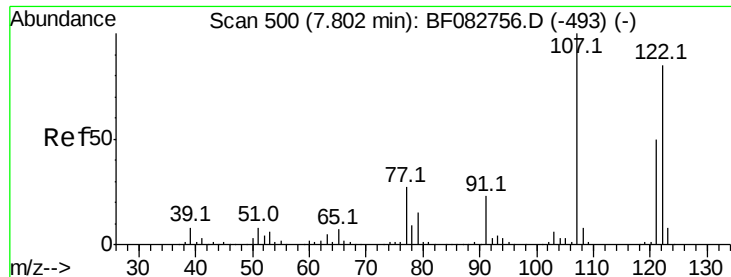
Mmdadoda
11/10/2015 1:02:20 PM



#26
2-Nitrophenol
Concen: 37.06 ng
RT: 7.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion: 139 Resp: 347873
Ion Ratio Lower Upper
139 100
109 32.8 37.6 56.4#
65 61.9 70.6 105.8#





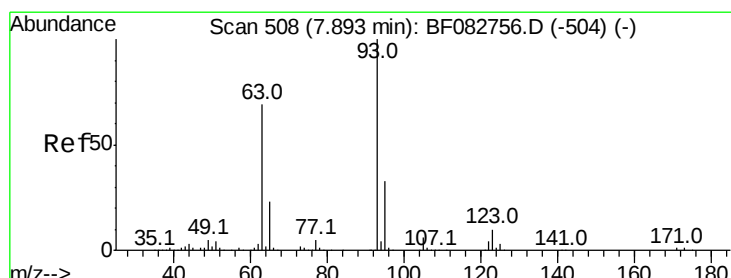
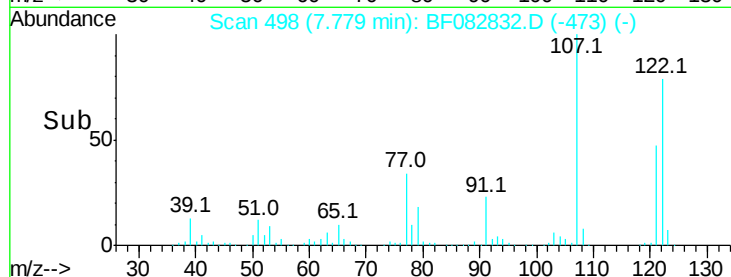
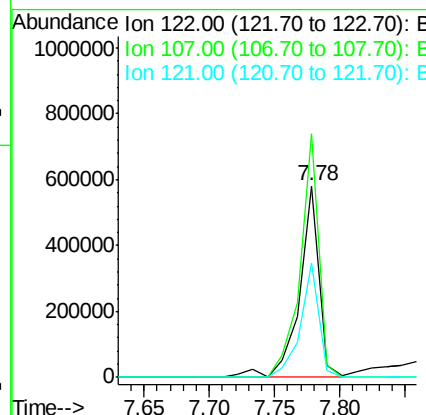
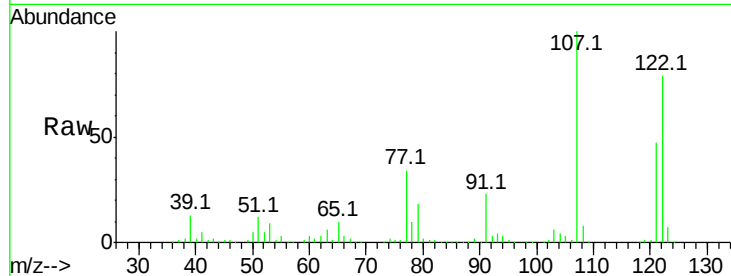
#27
 2,4-Dimethylphenol
 Concen: 36.48 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

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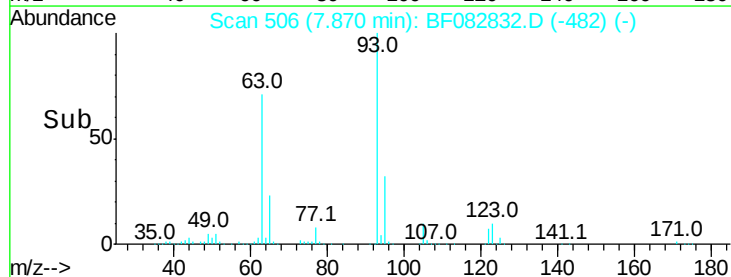
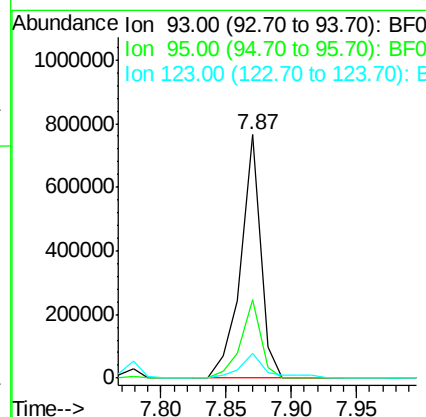
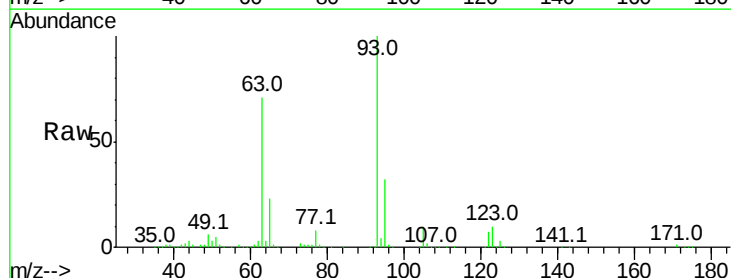
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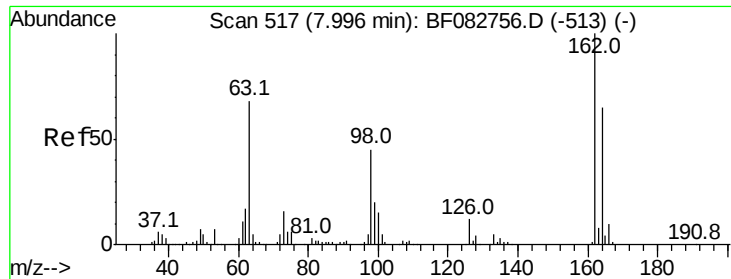
Tot Ion:	122	Resp:	615215
Ion Ratio	Lower	Upper	
122	100		
107	127.1	106.0	159.0
121	59.4	46.7	70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.23 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:	93	Resp:	808563
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.6	40.0
123	10.0	9.7	14.5





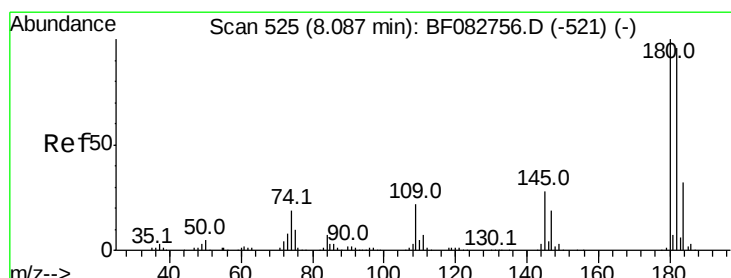
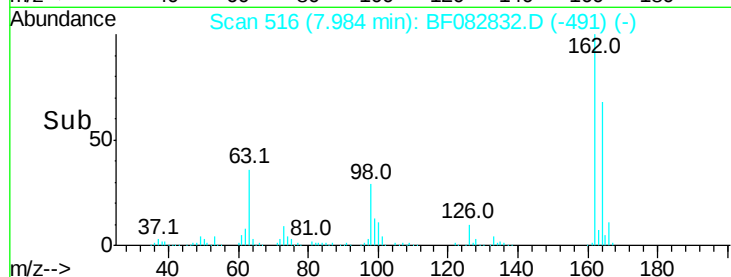
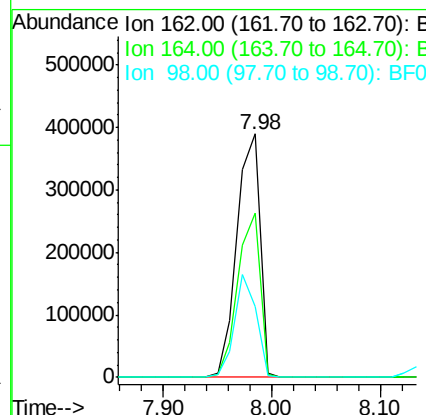
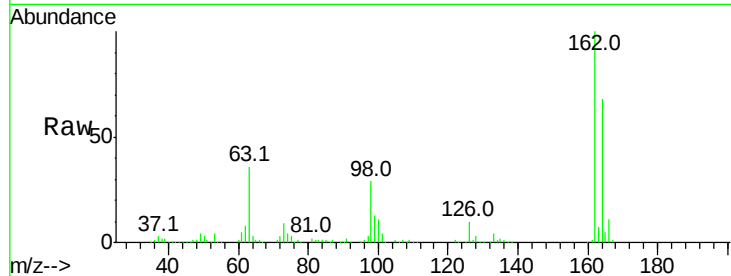
#29
 2,4-Dichlorophenol
 Concen: 37.32 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	568812		
164	67.6	46.8	86.8	
98	29.1	12.5	52.5	

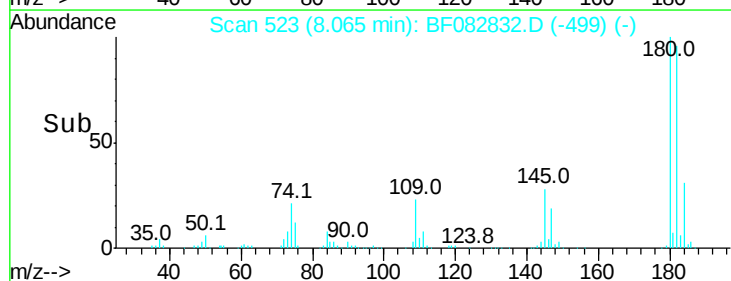
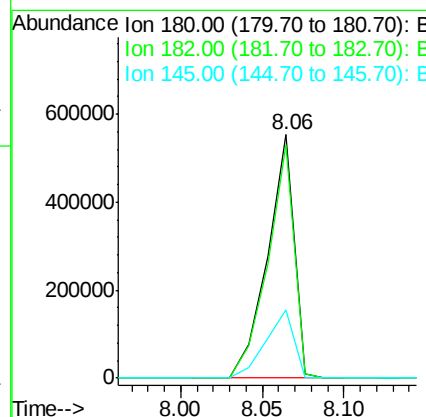
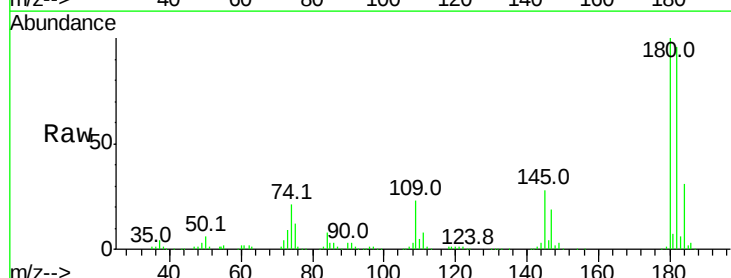
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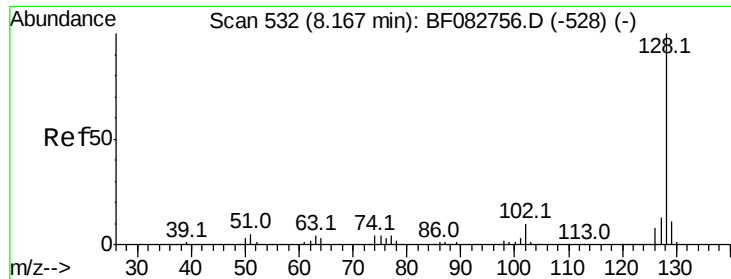
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.68 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	628812		
182	95.8	74.9	112.3	
145	28.0	27.8	41.8	





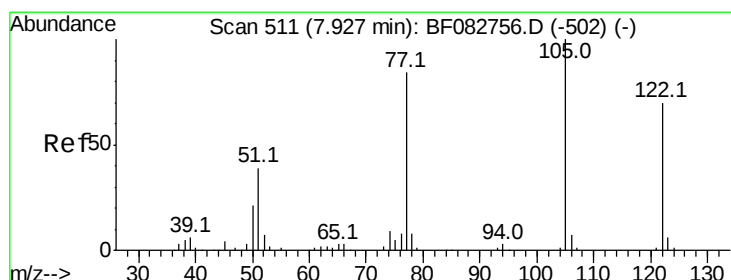
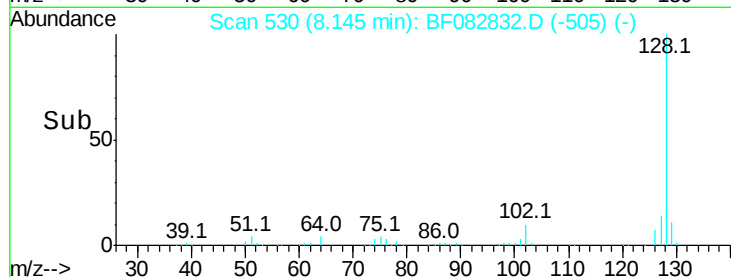
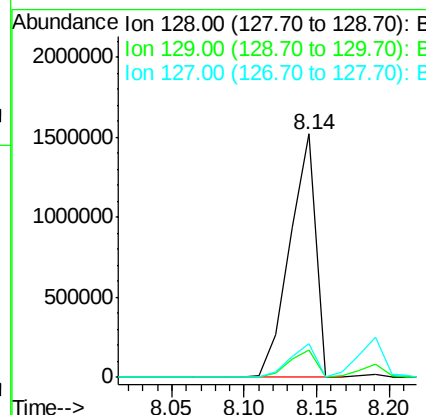
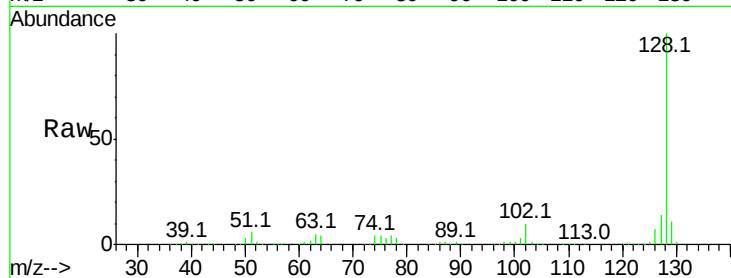
#31
Naphthalene
Concen: 35.71 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion:128 Resp: 1885209
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.8 11.4 17.0

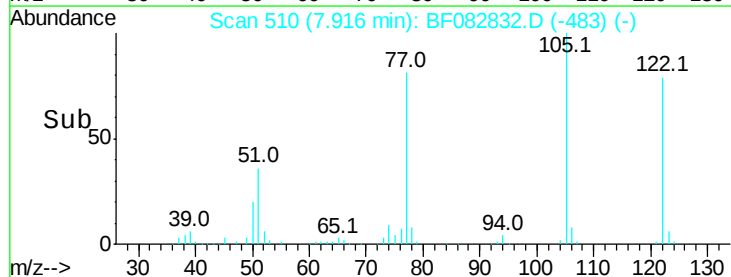
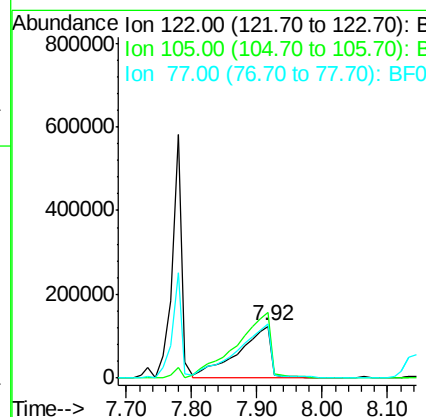
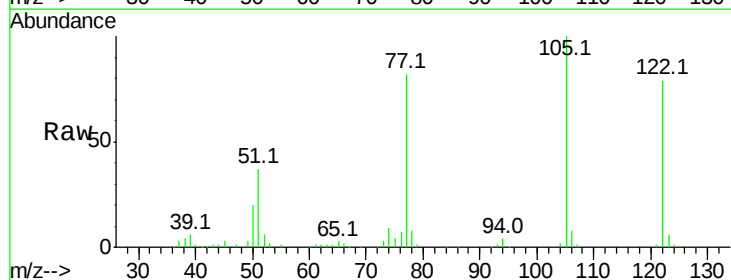
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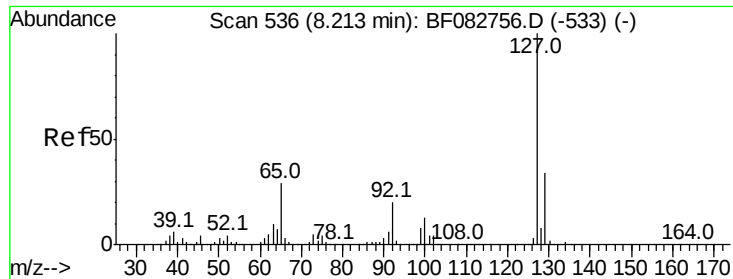
Mmdadoda
11/10/2015 1:02:20 PM



#32
Benzoic acid
Concen: 37.88 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:122 Resp: 437368
Ion Ratio Lower Upper
122 100
105 127.3 122.6 162.6
77 104.1 100.9 140.9





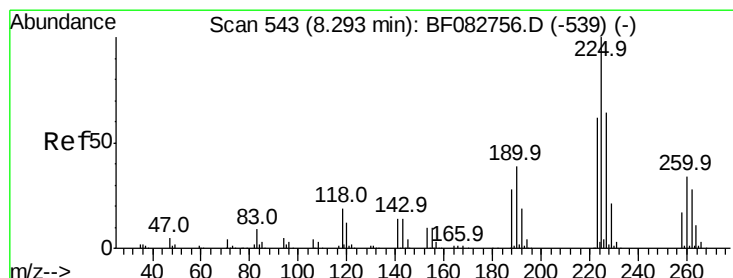
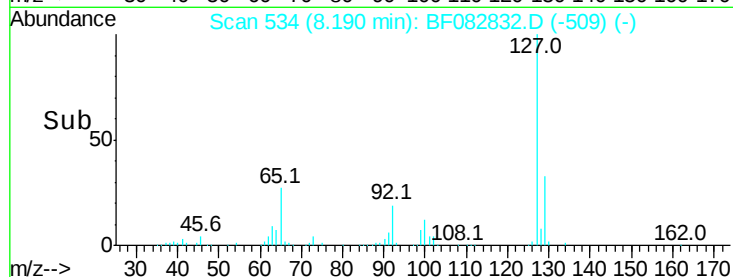
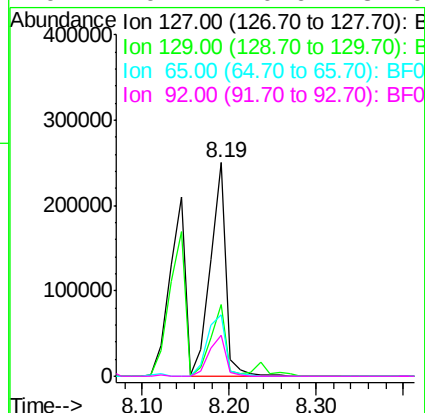
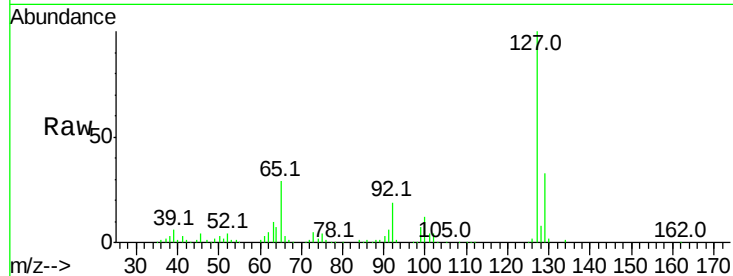
#33
4-Chloroaniline
Concen: 13.70 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.4	26.3	39.5	
65	28.8	37.8	56.8	
92	19.4	20.6	31.0	

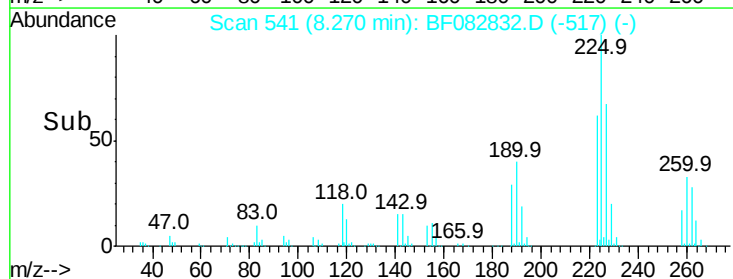
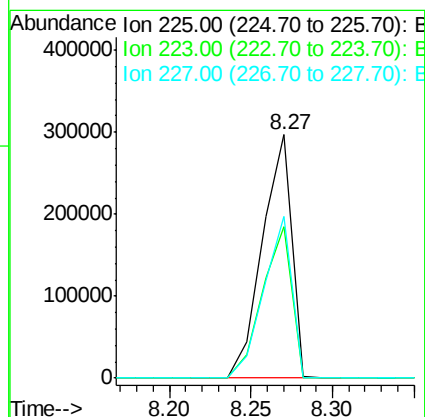
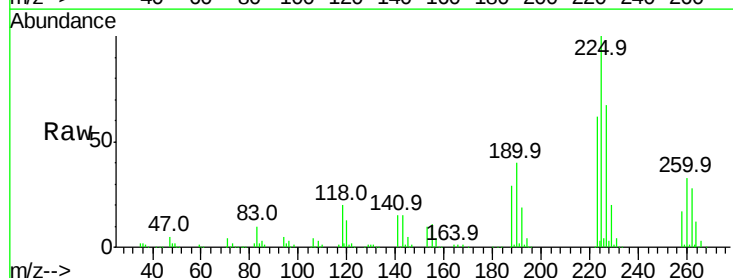
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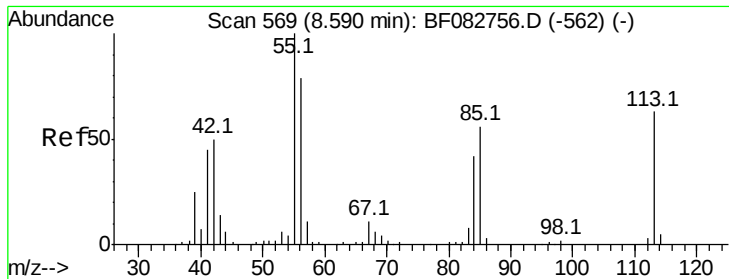
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#34
Hexachlorobutadiene
Concen: 34.59 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	50.5	75.7	
227	66.5	50.2	75.2	





#35

Caprolactam

Concen: 36.89 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

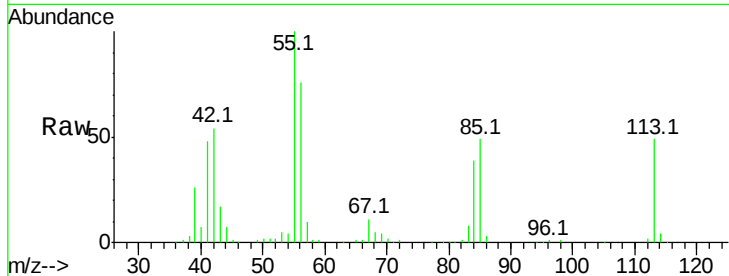
ClientSampleID :

PB86454BS

Tot Ion:	113	Resp:	177255
Ion Ratio	Lower	Upper	
113	100		
55	206.1	195.5	235.5
56	156.6	153.5	193.5

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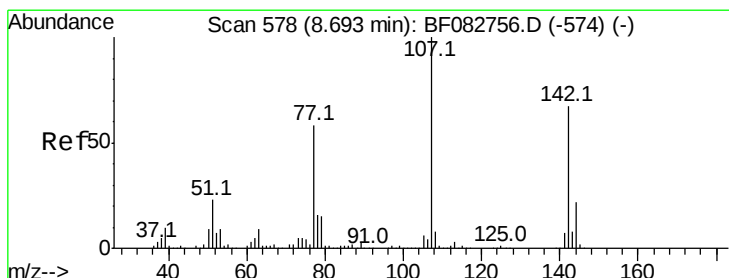
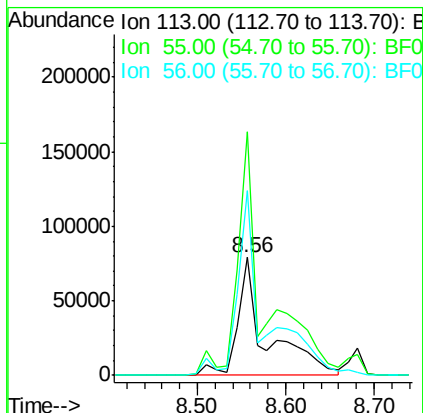
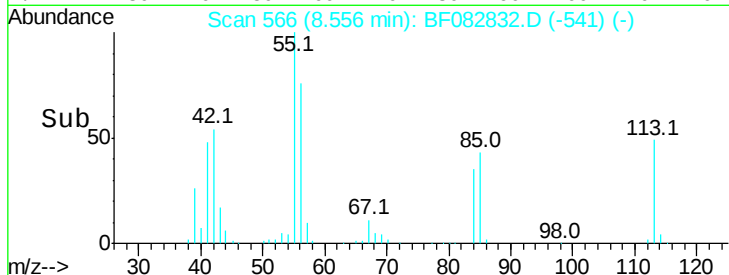
Mmdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.10 ng/ml

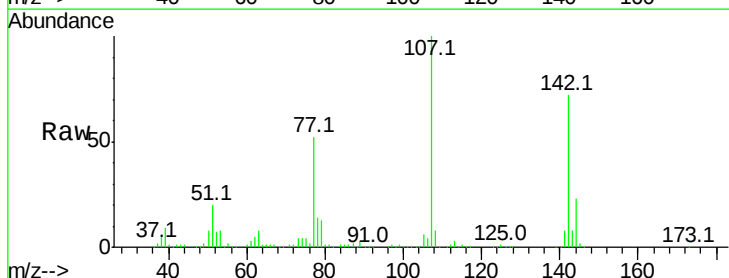
RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

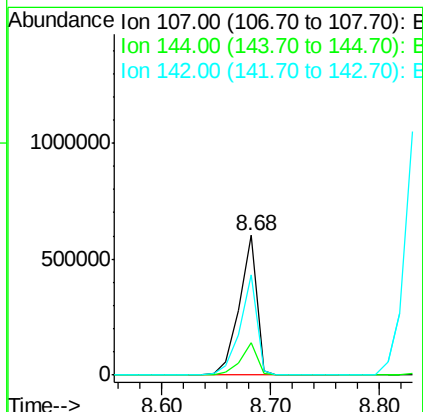
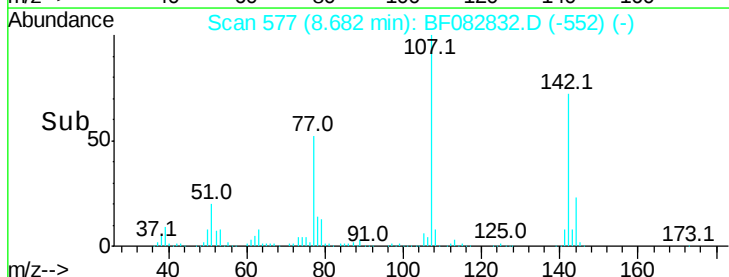
Tgt Ion:	107	Resp:	665083
Ion Ratio	Lower	Upper	
107	100		
144	23.5	15.4	23.0#
142	71.7	47.8	71.8

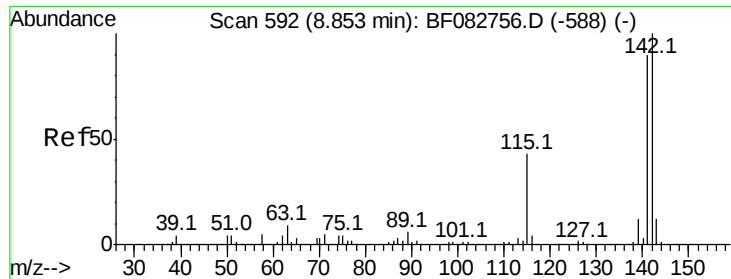


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





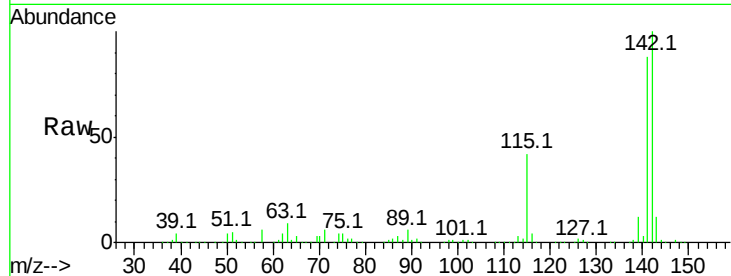
#37
2-Methylnaphthalene
Concen: 33.47 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

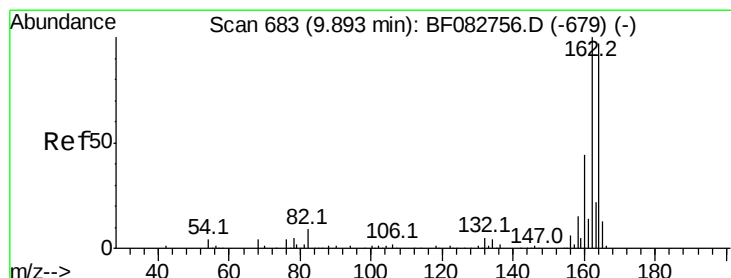
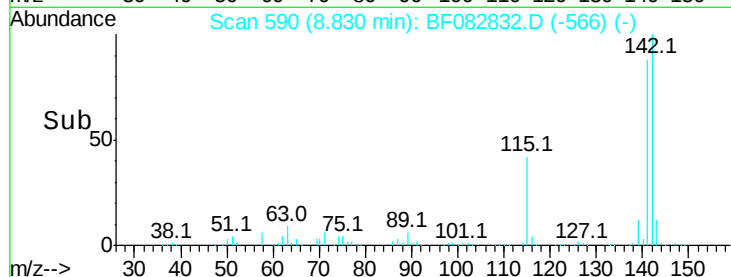
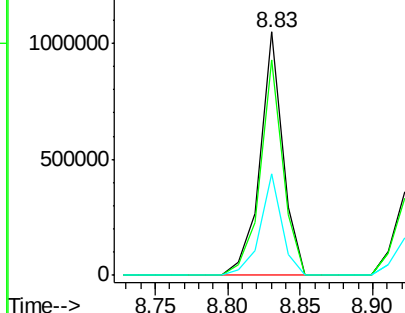
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.3	108.5
115	41.8	38.1	57.1

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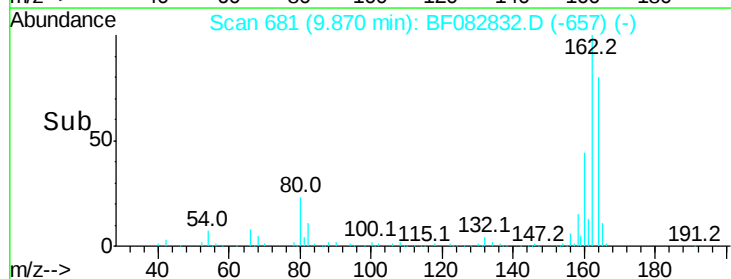
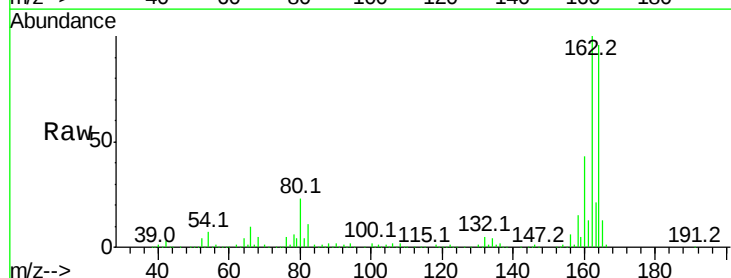
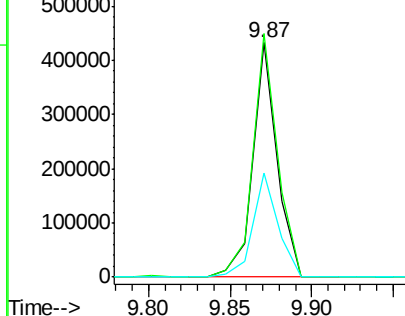
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

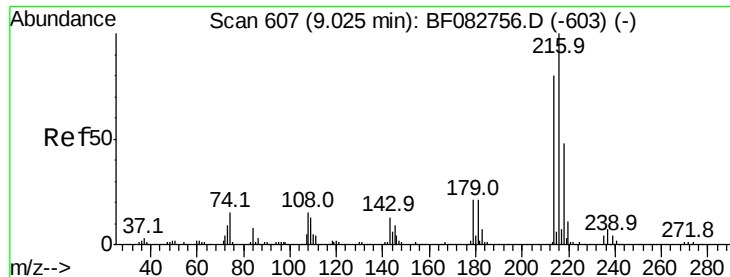


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.9	127.3
160	44.7	37.5	56.3

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.14 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

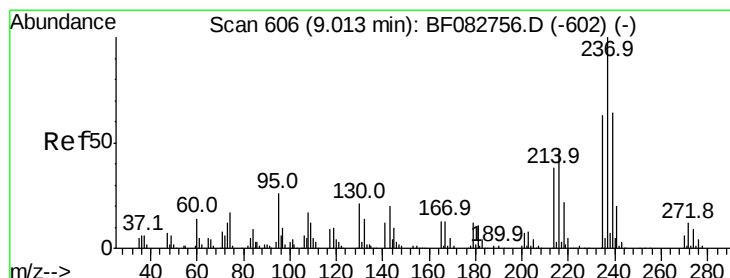
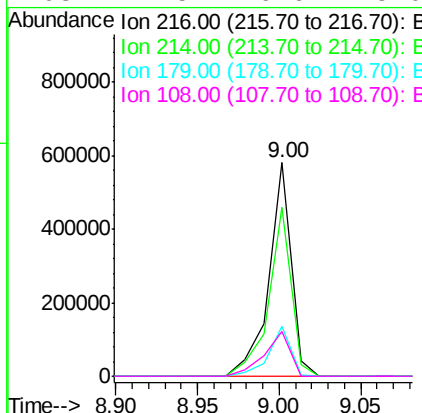
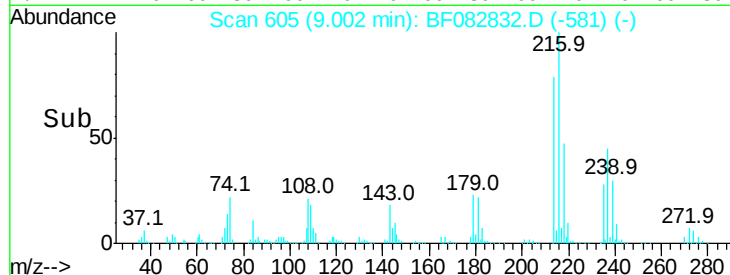
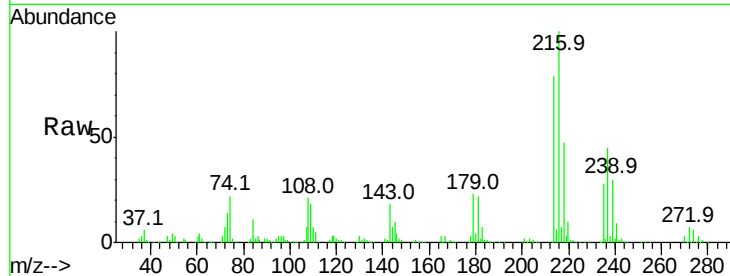
ClientSampleId :

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Tot Ion	Ratio	Resp	Lower	Upper
216	100	557262		
214	79.2	62.2	93.2	
179	22.9	18.1	27.1	
108	24.5	16.6	25.0	

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#40

Hexachlorocyclopentadiene

Concen: 84.21 ng

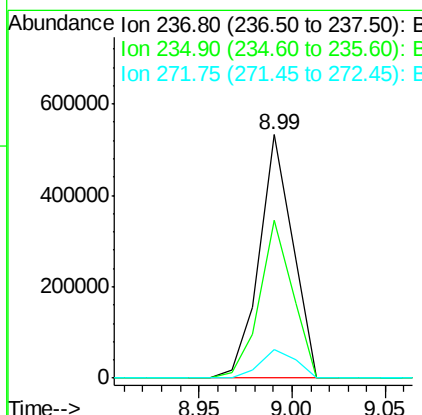
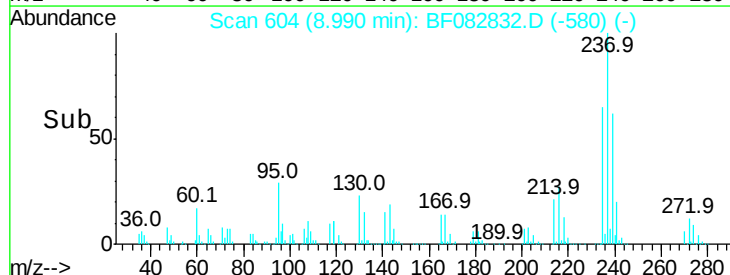
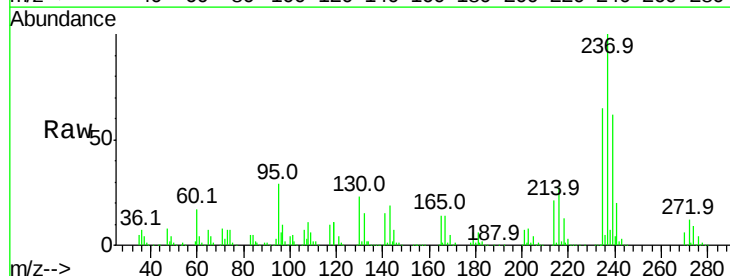
RT: 8.99 min Scan# 604

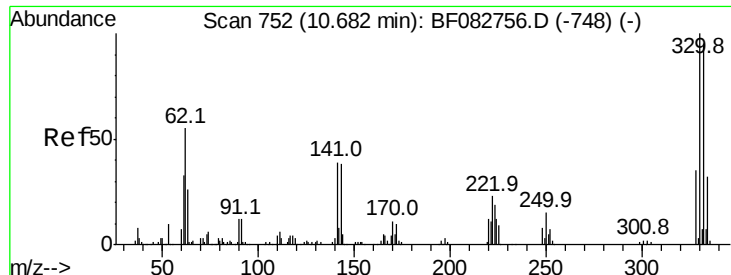
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	661002		
235	64.6	44.3	84.3	
272	11.7	0.0	31.9	





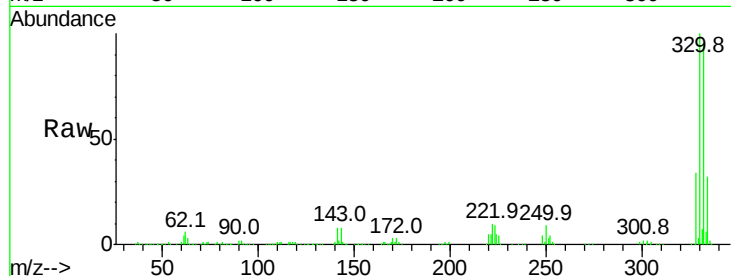
#41
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

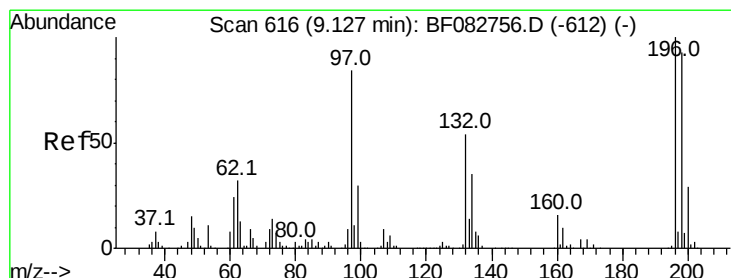
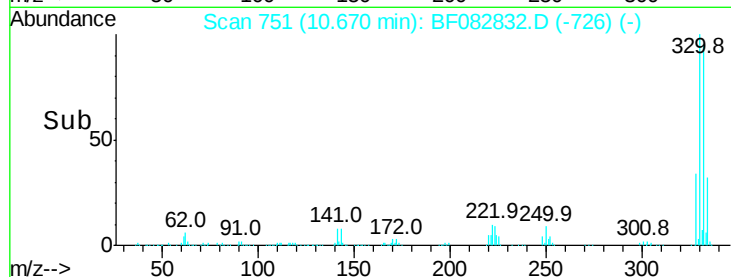
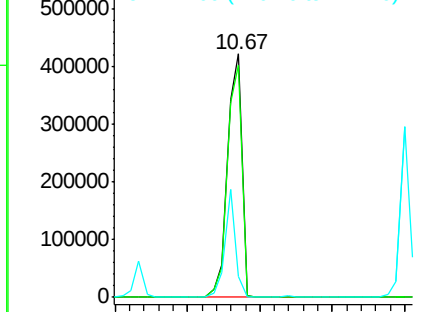
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	76.6	114.8	
141	32.9	41.2	61.8	

Manual Integrations
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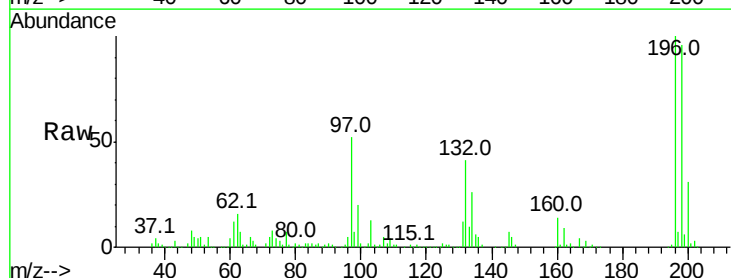


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

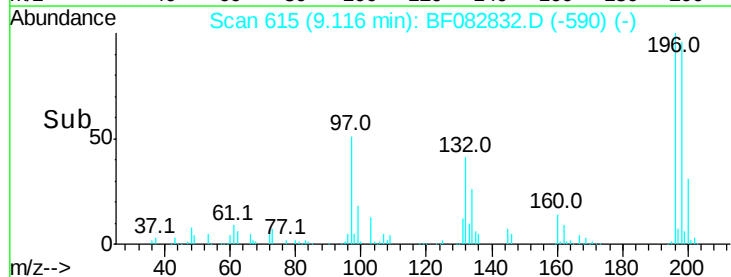
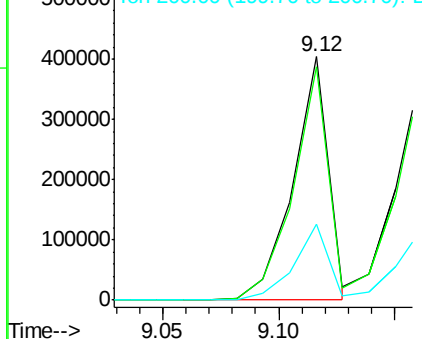


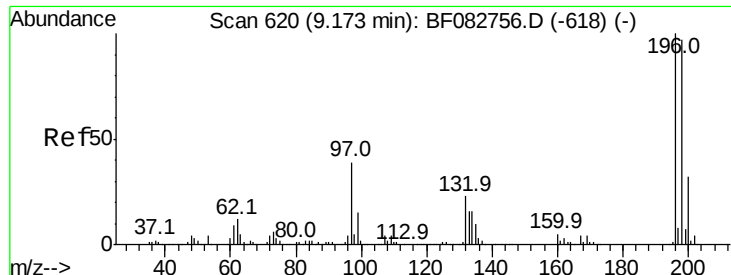
#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng m
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.6	76.3	114.5	
200	31.0	23.9	35.9	



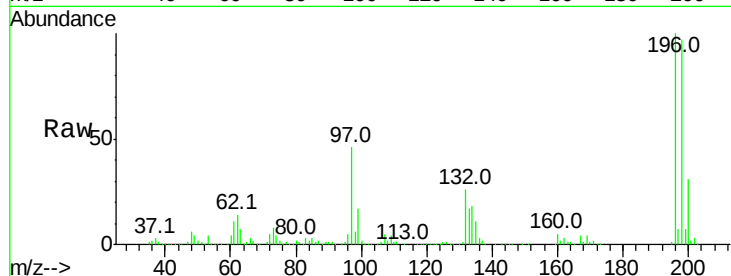
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.29 ng/ml
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

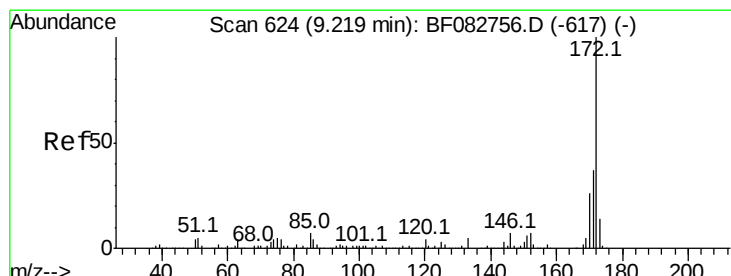
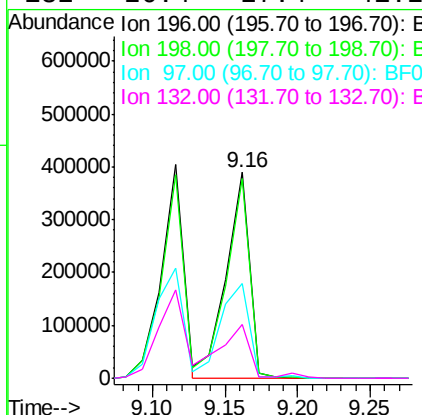
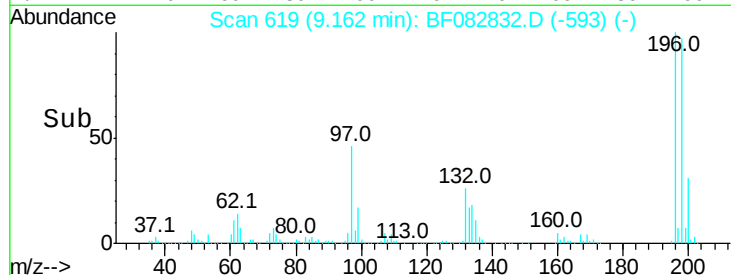
Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS



Tot Ion	Ratio	Resp	Lower	Upper
196	100	434528		
198	97.3	75.8	113.8	
97	46.3	62.3	93.5	
132	26.4	27.4	41.2	

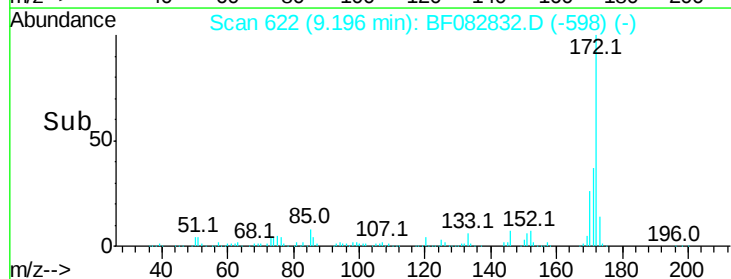
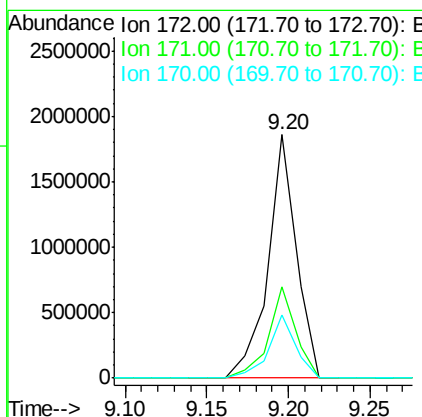
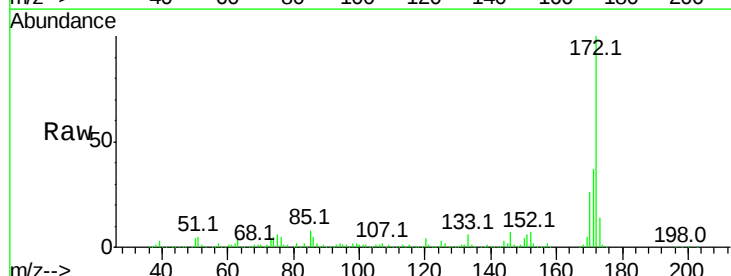
Manual Integrations
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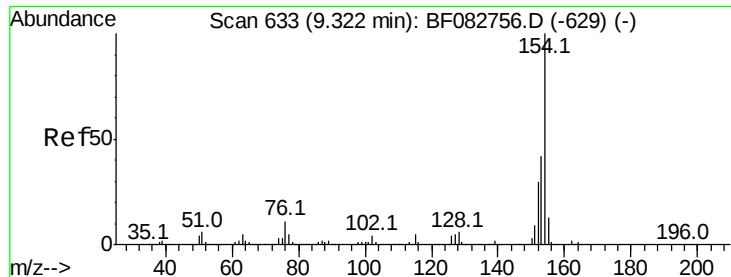
Mmdadoda
 11/10/2015 1:02:20 PM



#44
 2-Fluorobiphenyl
 Concen: 72.60 ng/ml
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2252112		
171	37.4	30.8	46.2	
170	25.7	21.2	31.8	





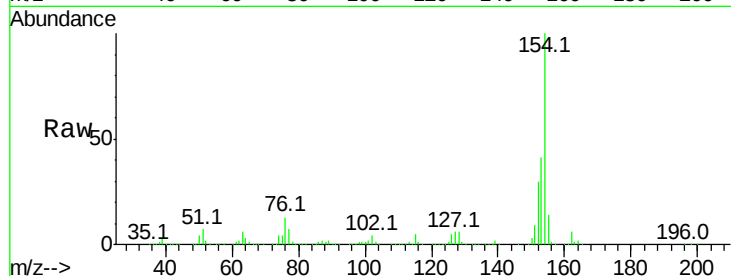
#45
 1,1'-Biphenyl
 Concen: 39.24 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

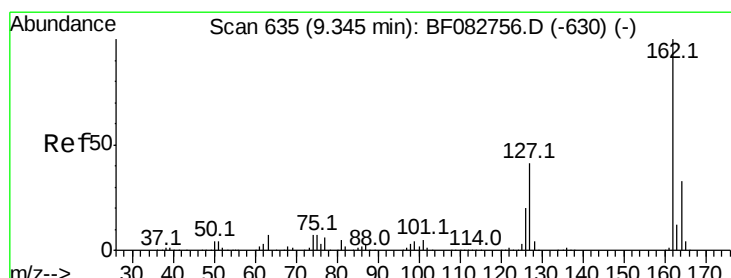
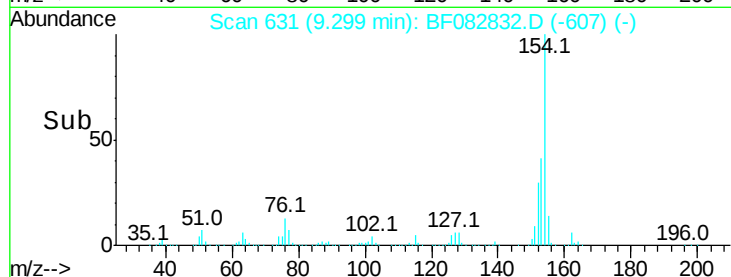
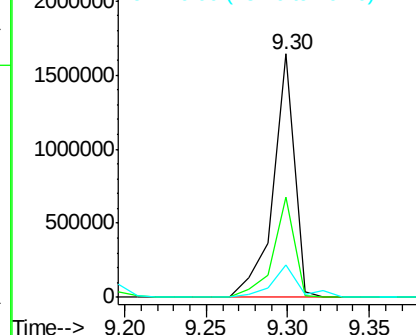
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	22.0	62.0
76	13.2	0.0	29.0

Manual Integrations
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Mmdadoda
 11/10/2015 1:02:20 PM

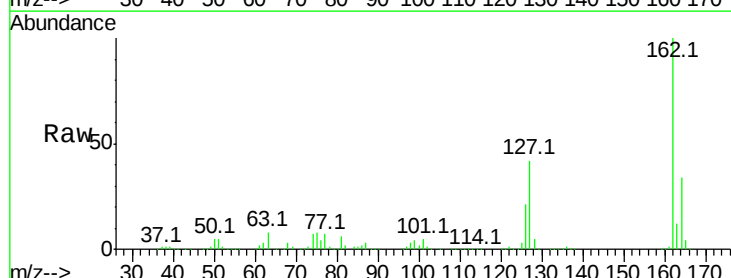


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

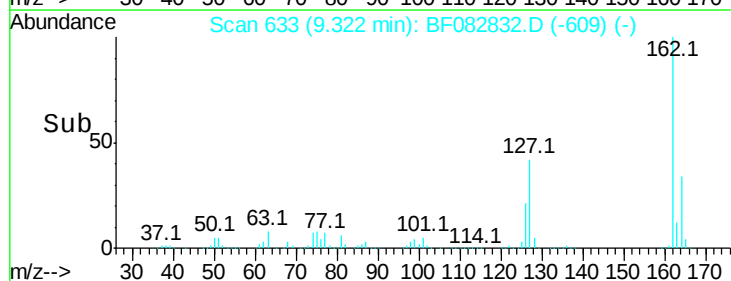
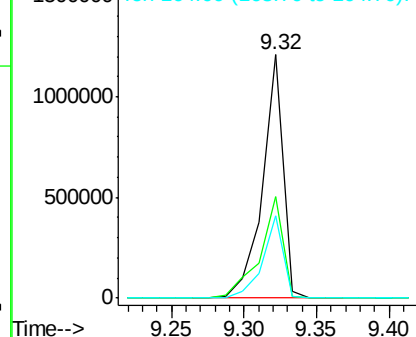


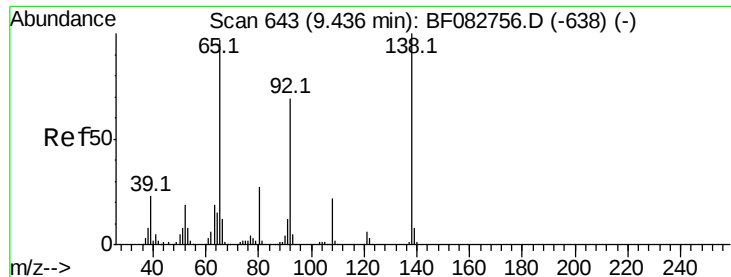
#46
 2-Chloronaphthalene
 Concen: 39.81 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	32.7	49.1
164	33.7	27.4	41.0



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





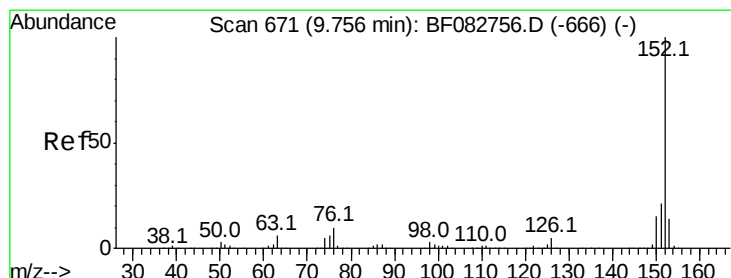
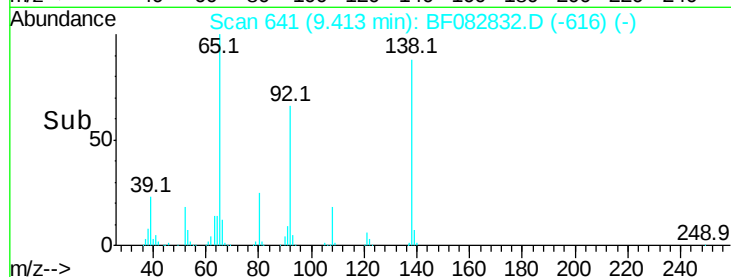
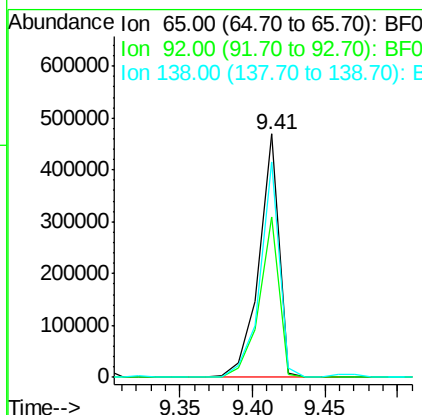
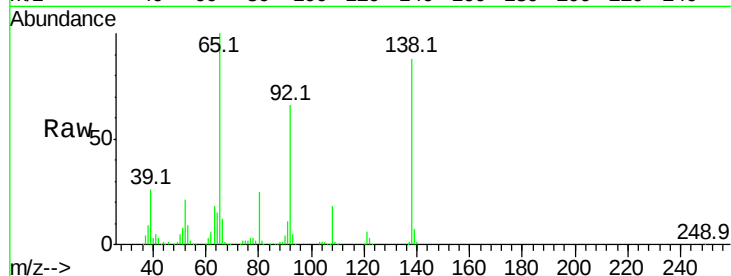
#47
2-Nitroaniline
Concen: 40.77 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	46.6	70.0
138	88.4	54.6	81.8

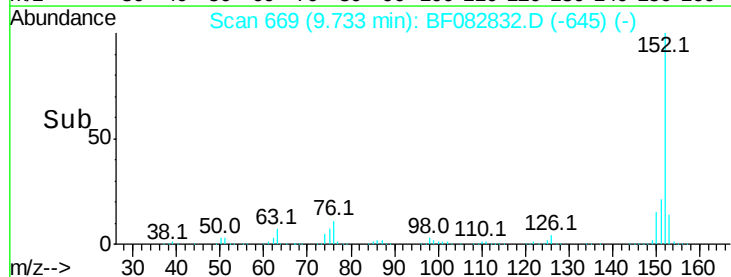
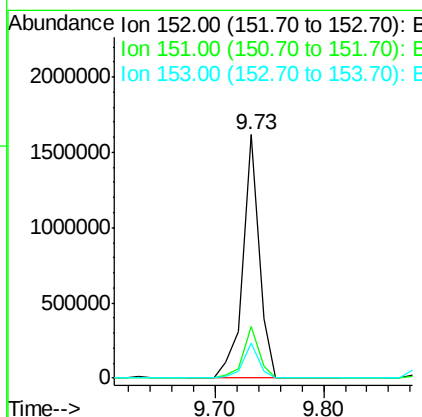
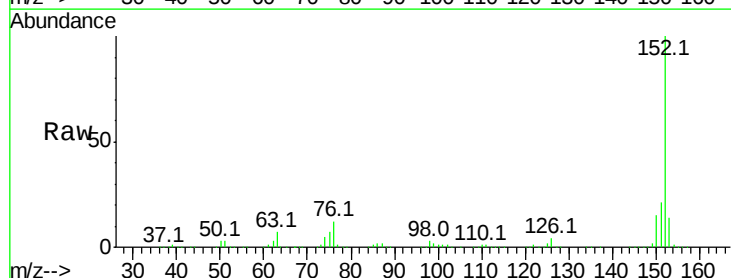
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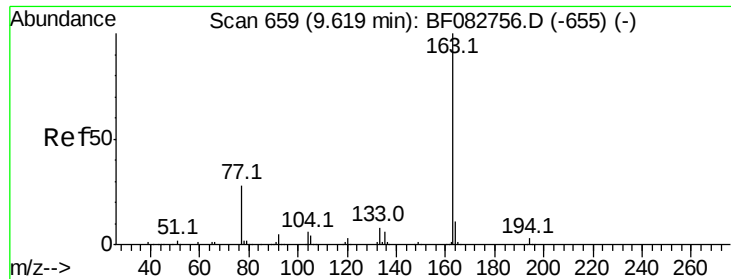
Mmdadoda
11/10/2015 1:02:20 PM



#48
Acenaphthylene
Concen: 35.69 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.3	25.9
153	14.1	11.3	16.9





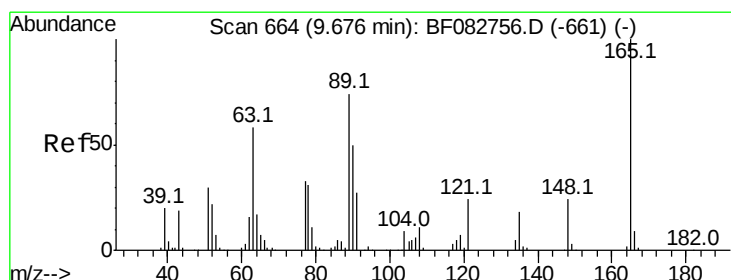
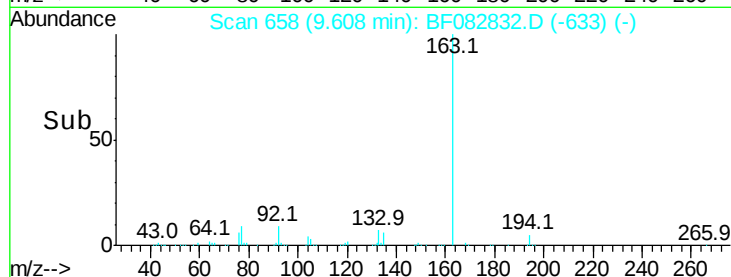
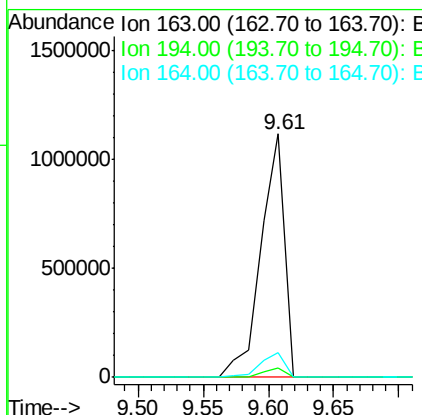
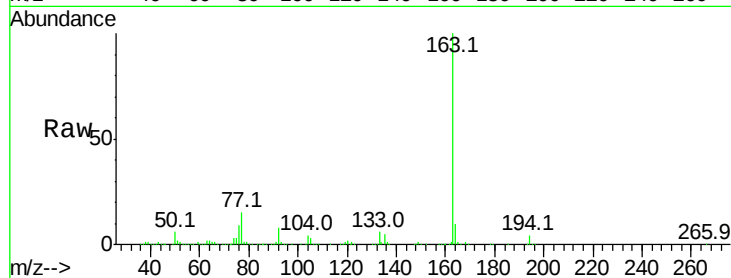
#49
Dimethylphthalate
Concen: 38.61 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	9.9	8.7	13.1

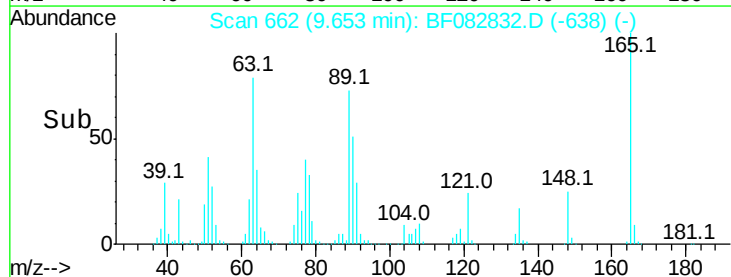
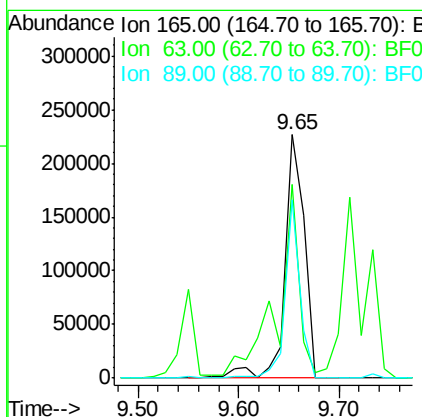
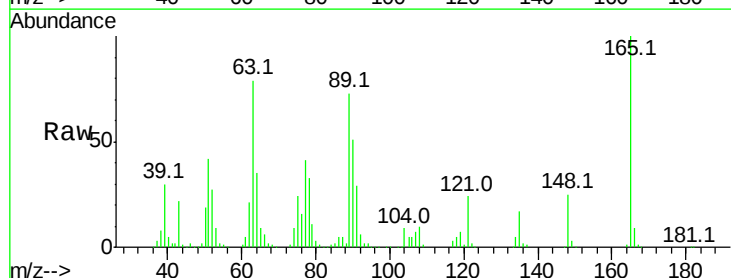
Manual Integrations
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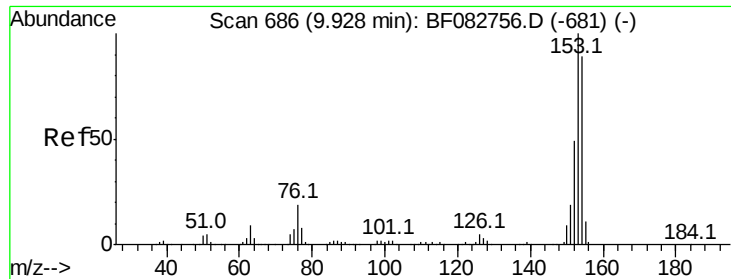
Mmdadoda
11/10/2015 1:02:20 PM



#50
2,6-Dinitrotoluene
Concen: 38.76 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.3	55.5	83.3
89	73.0	55.0	82.6





#51

Acenaphthene

Concen: 39.90 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:154 Resp: 1179438

Ion Ratio Lower Upper

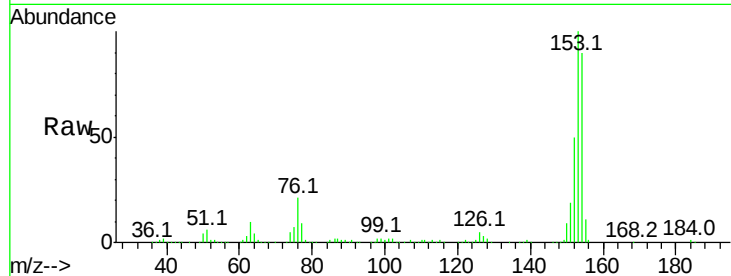
154 100

153 111.5 90.1 135.1

152 55.6 44.3 66.5

Manual Integrations
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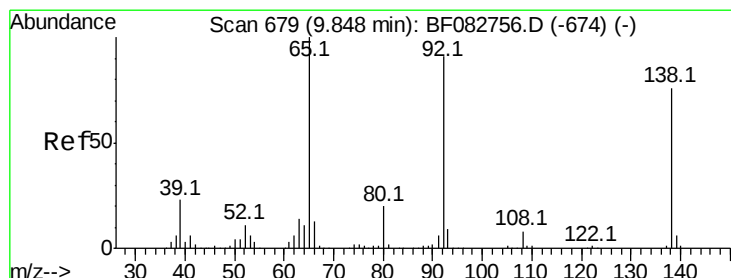
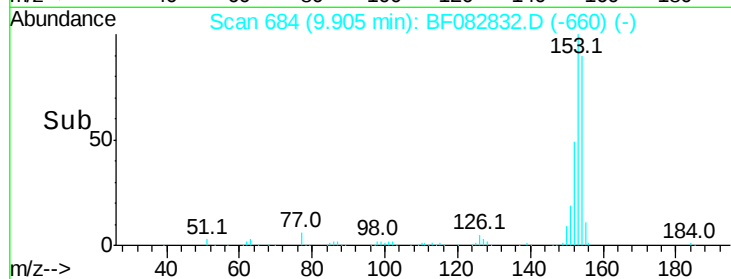
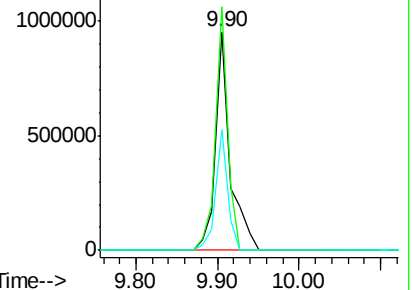
Mmdadoda
11/10/2015 1:02:20 PM



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: 23.24 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

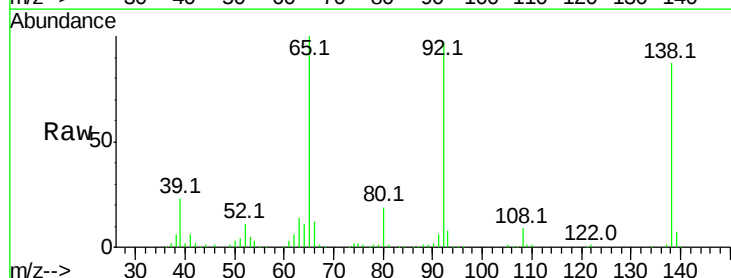
Tgt Ion:138 Resp: 198642

Ion Ratio Lower Upper

138 100

108 10.2 11.3 16.9#

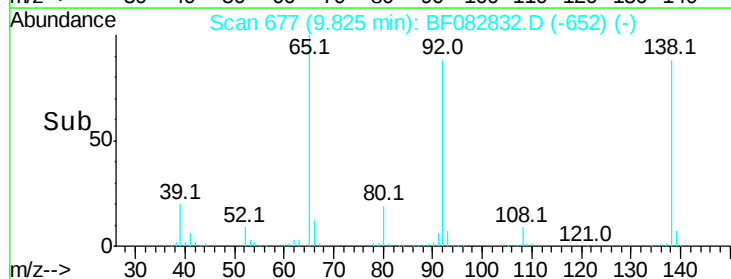
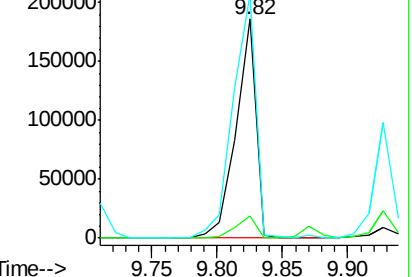
92 111.2 122.4 183.6#

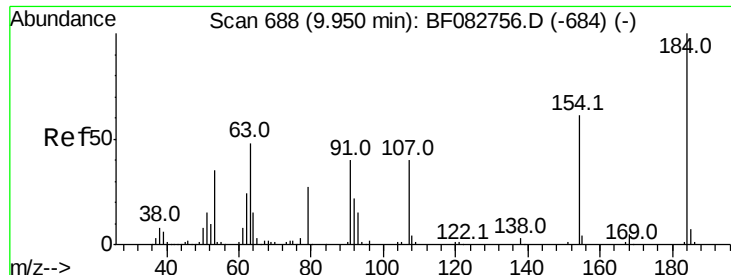


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





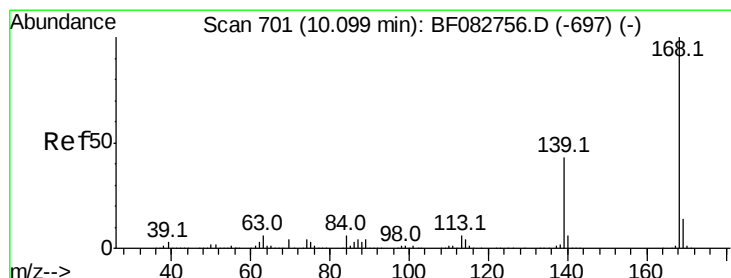
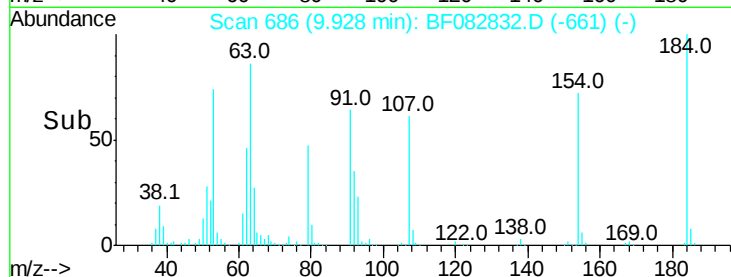
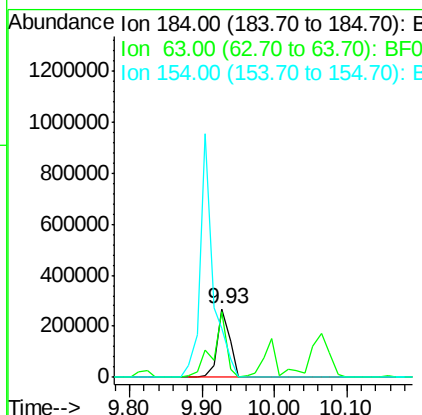
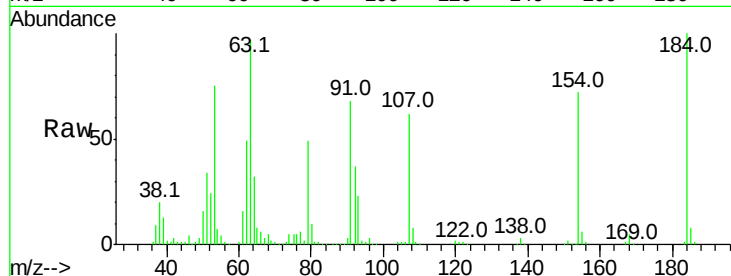
#53
 2,4-Dinitrophenol
 Concen: 77.32 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	329955		
63	97.0	98.6	148.0#	
154	71.7	183.9	275.9#	

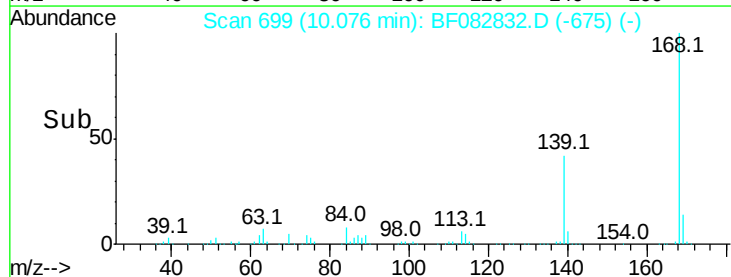
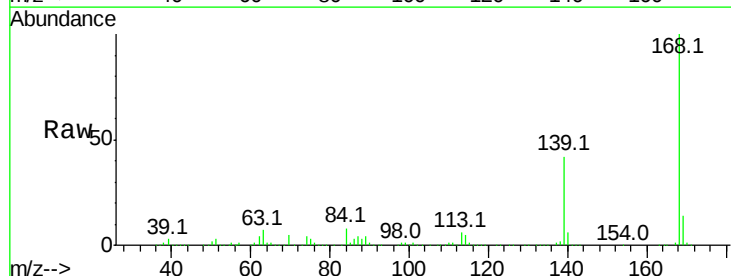
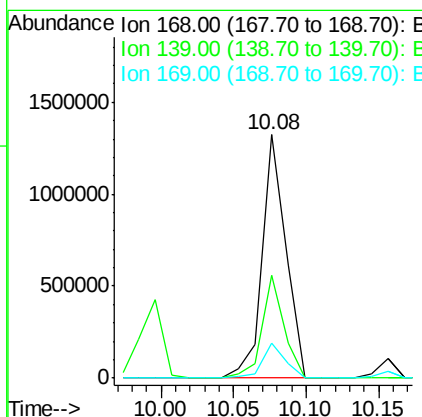
Manual Integrations
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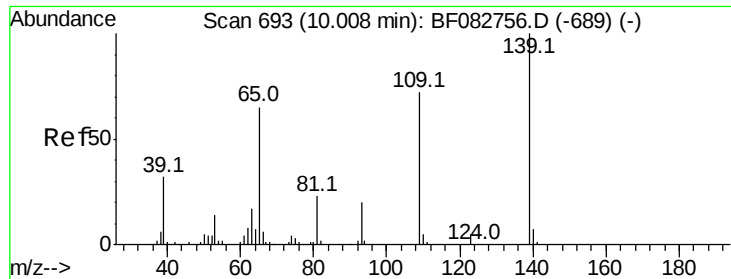
Mmdadoda
 11/10/2015 1:02:20 PM



#54
 Dibenzofuran
 Concen: 37.54 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1496179		
139	42.1	37.8	56.6	
169	14.2	11.3	16.9	





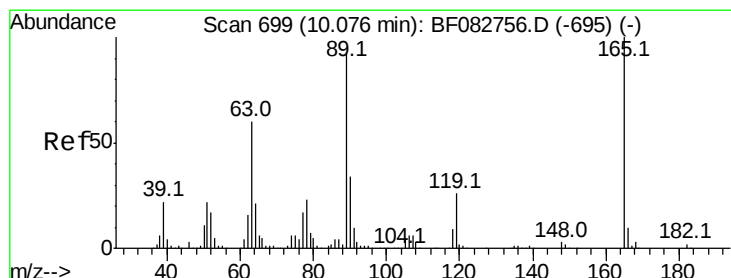
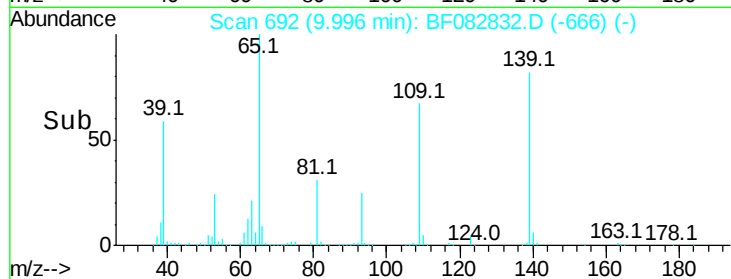
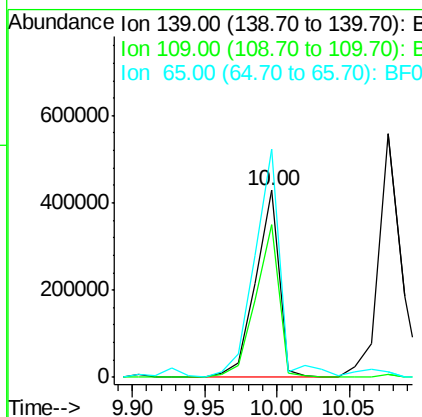
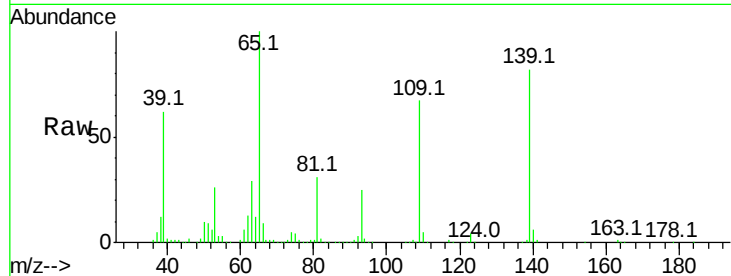
#55
4-Nitrophenol
Concen: 73.51 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	482024		
109	81.9	73.7	113.7	
65	122.1	82.9	122.9	

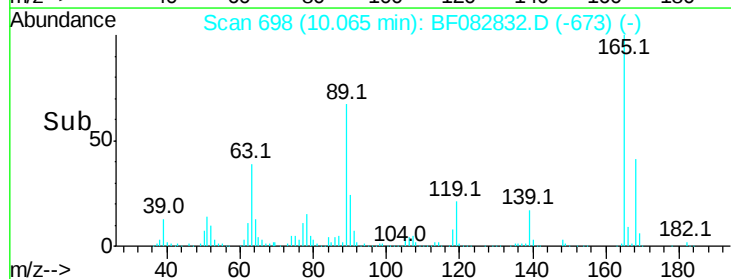
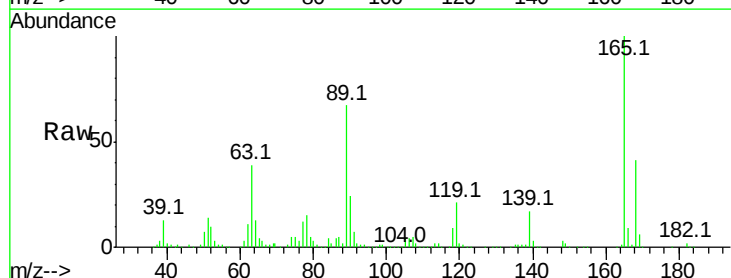
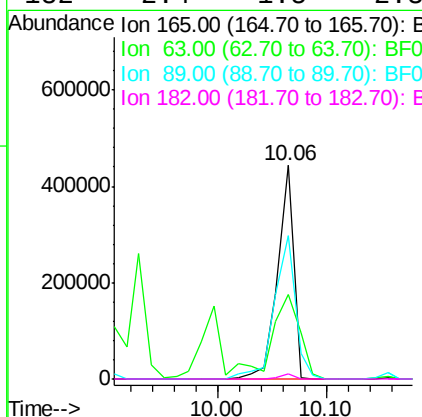
Manual Integrations
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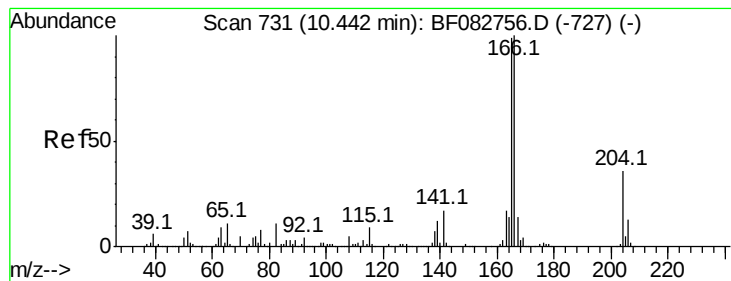
Mmdadoda
11/10/2015 1:02:20 PM



#56
2,4-Dinitrotoluene
Concen: 43.07 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	454148		
63	39.3	43.4	65.0#	
89	67.2	70.6	106.0#	
182	2.4	1.5	2.3#	





#57

Fluorene

Concen: 34.83 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:166 Resp: 1124230

Ion Ratio Lower Upper

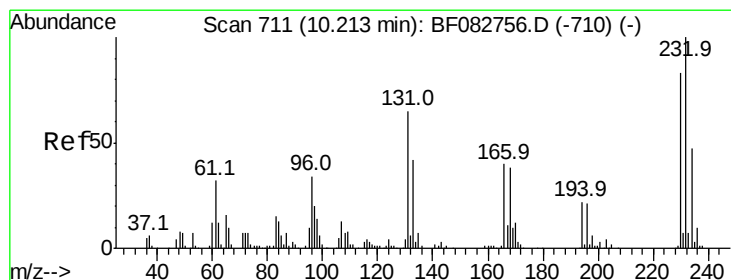
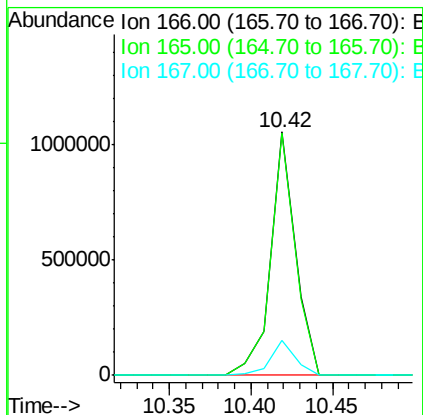
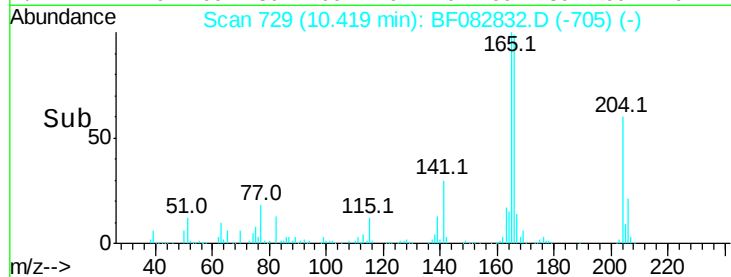
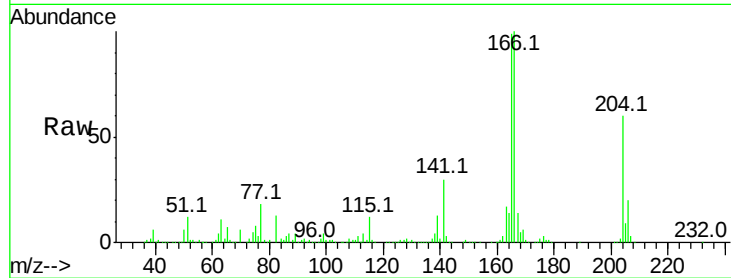
166 100

165 99.4 80.2 120.4

167 14.5 11.2 16.8

Manual Integrations
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Mmdadoda
11/10/2015 1:02:20 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.39 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:232 Resp: 364389

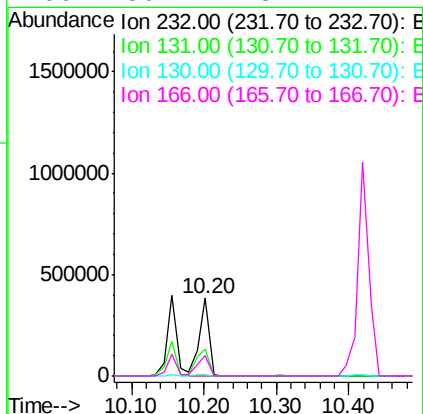
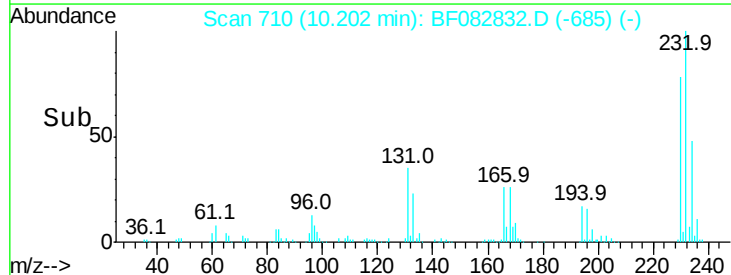
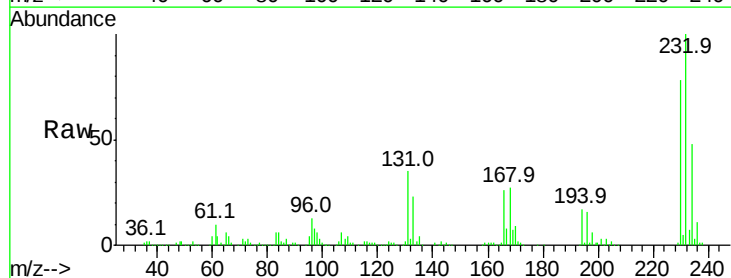
Ion Ratio Lower Upper

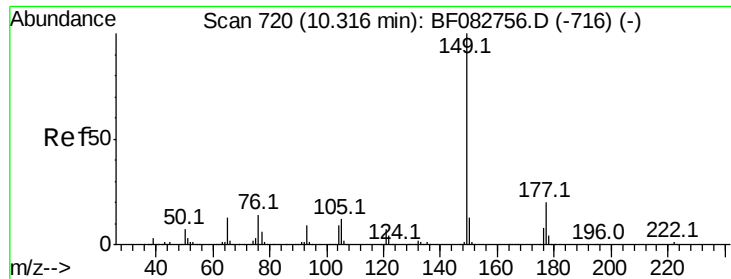
232 100

131 43.8 46.2 69.2#

130 2.1 2.4 3.6#

166 30.2 28.2 42.2





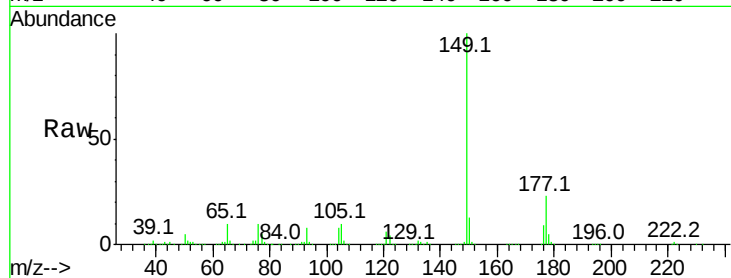
#59
Diethylphthalate
Concen: 38.66 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

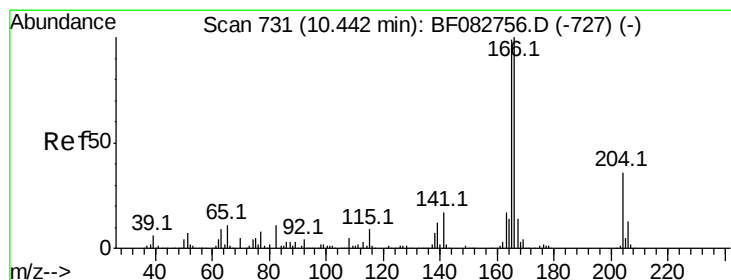
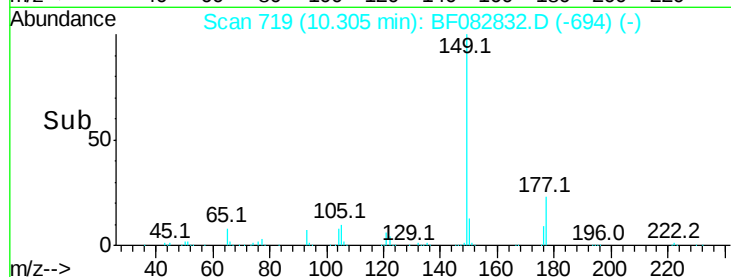
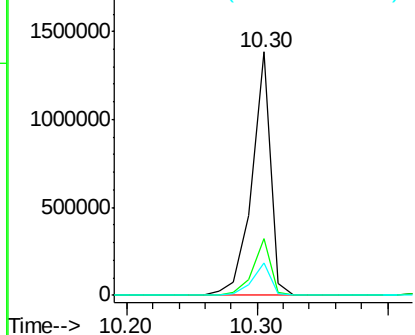
Tot Ion:149 Resp: 1375133
Ion Ratio Lower Upper
149 100
177 23.3 17.9 26.9
150 13.2 10.1 15.1

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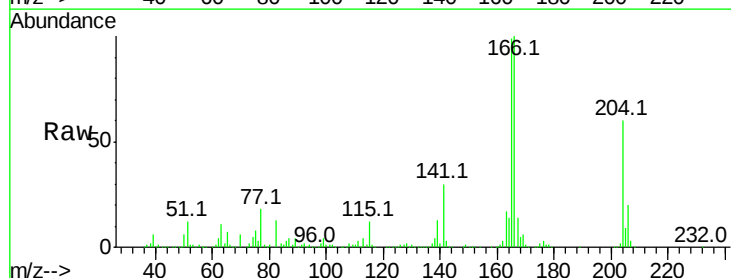


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

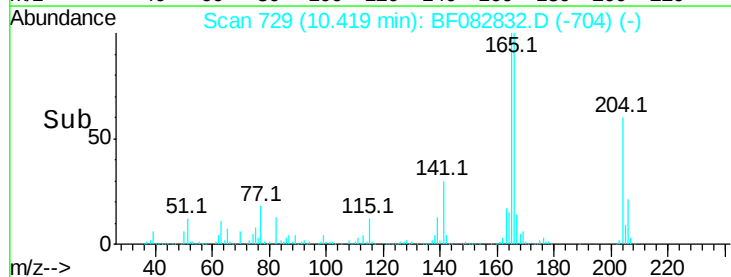
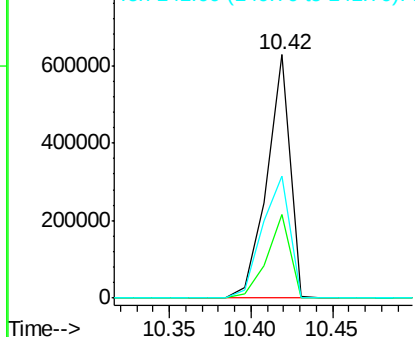


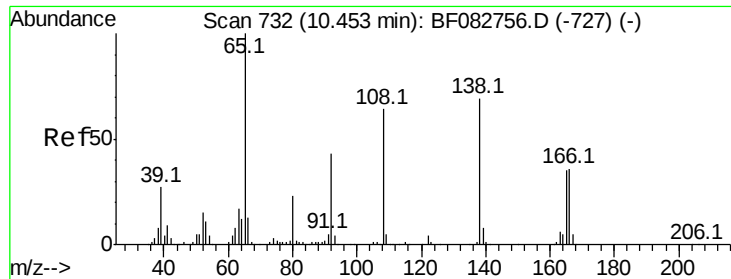
#60
4-Chlorophenyl-phenylether
Concen: 38.53 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion:204 Resp: 622258
Ion Ratio Lower Upper
204 100
206 34.3 28.5 42.7
141 50.4 44.6 66.8



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





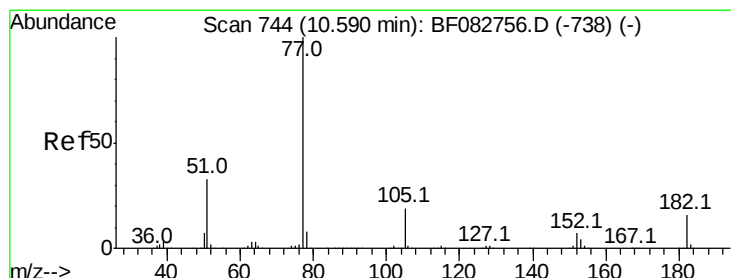
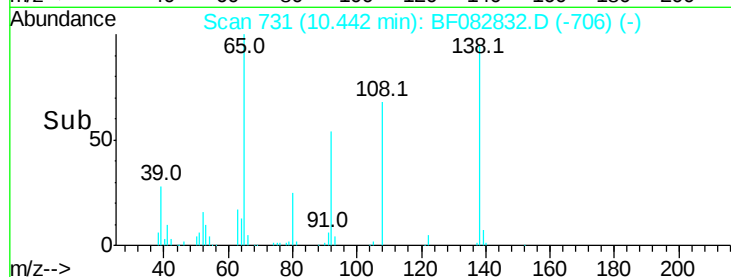
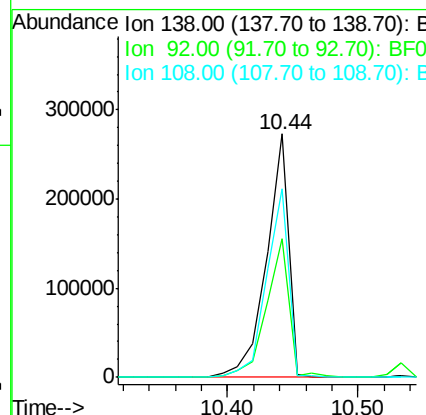
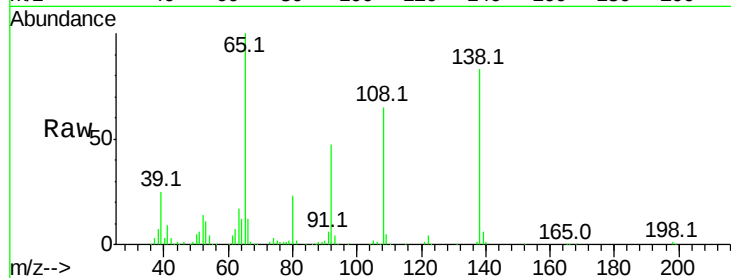
#61
4-Nitroaniline
Concen: 37.77 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	45.8	85.8
108	77.6	89.4	129.4

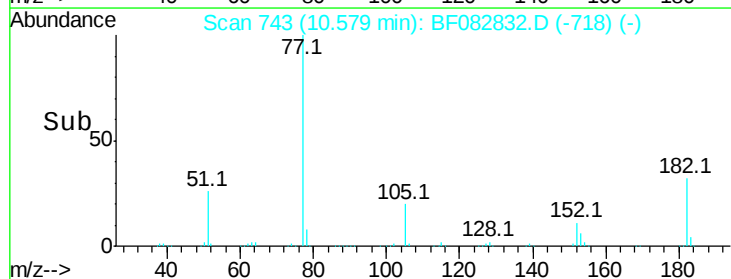
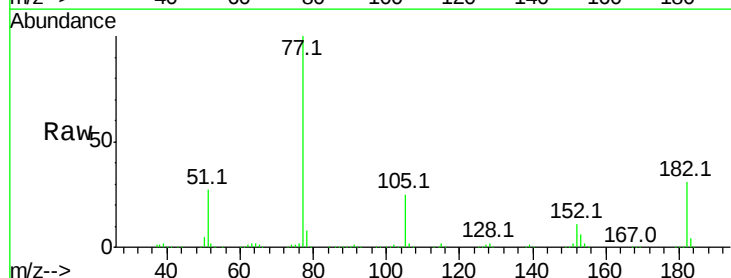
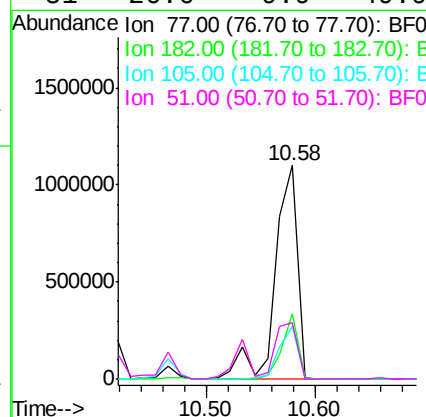
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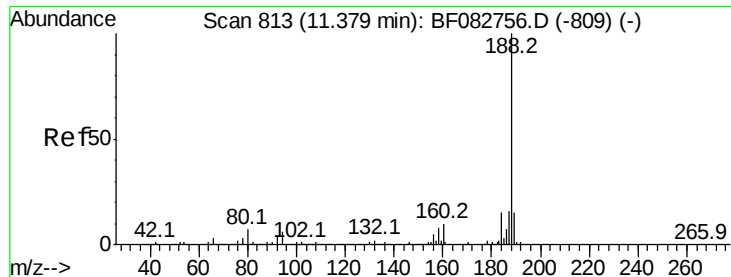
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11/10/2015 1:02:20 PM



#62
Azobenzene
Concen: 41.07 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.7	9.3	49.3
105	24.5	2.6	42.6
51	26.6	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: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

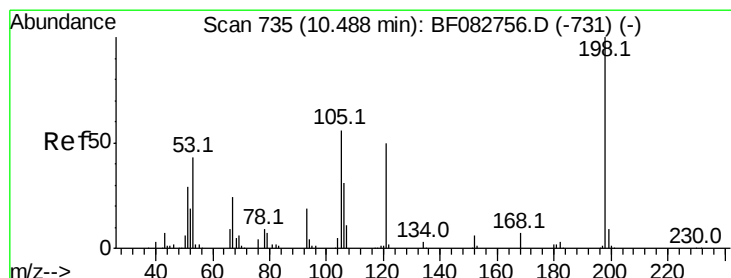
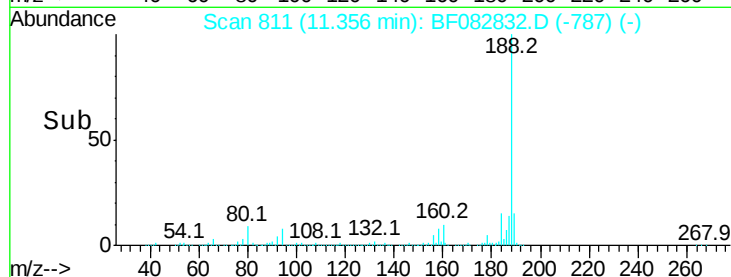
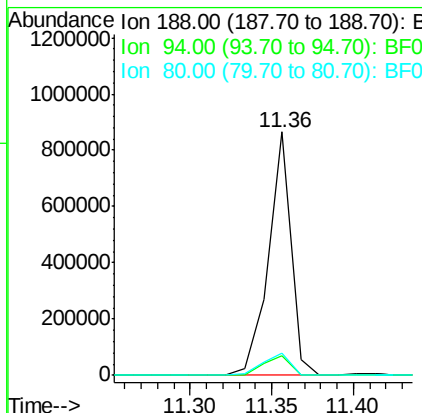
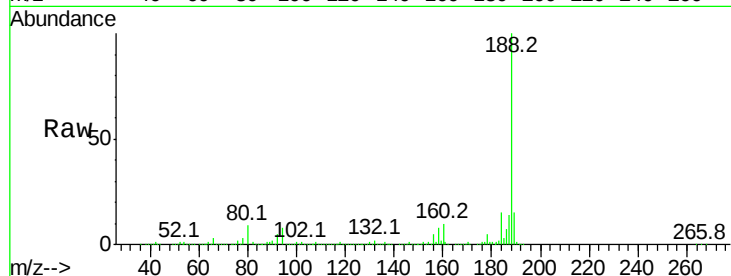
ClientSampleId :

PB86454BS

Tot Ion:	188	Resp:	836906
Ion Ratio	Lower	Upper	
188	100		
94	8.3	6.1	9.1
80	9.1	7.0	10.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.31 ng

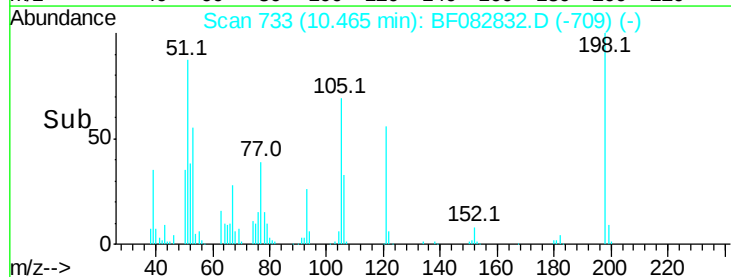
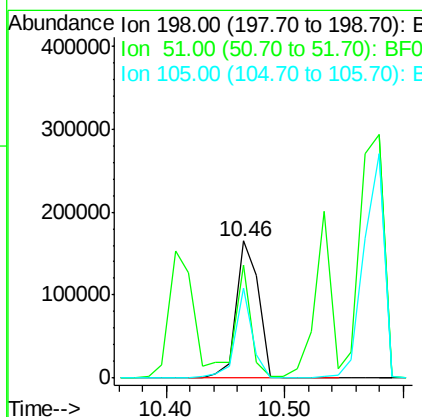
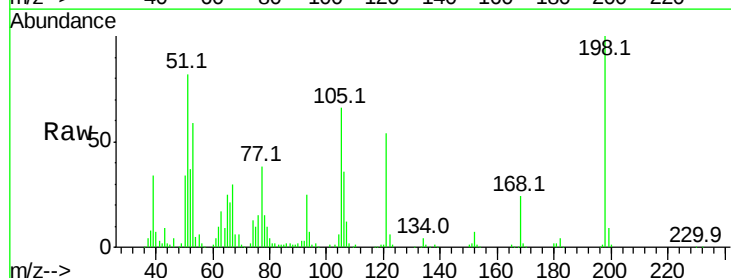
RT: 10.46 min Scan# 733

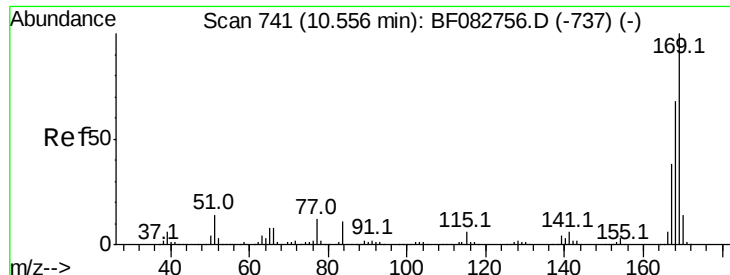
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	198	Resp:	216489
Ion Ratio	Lower	Upper	
198	100		
51	82.4	17.3	57.3#
105	65.6	21.7	61.7#





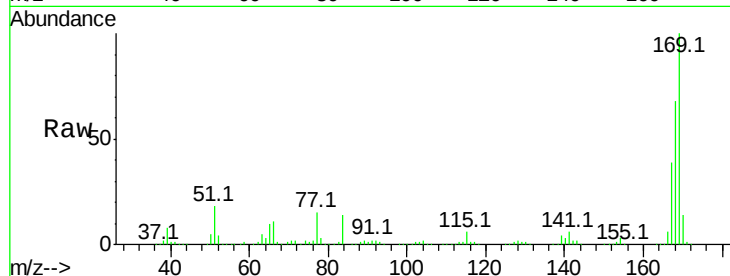
#65
n-Nitrosodiphenylamine
Concen: 34.22 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

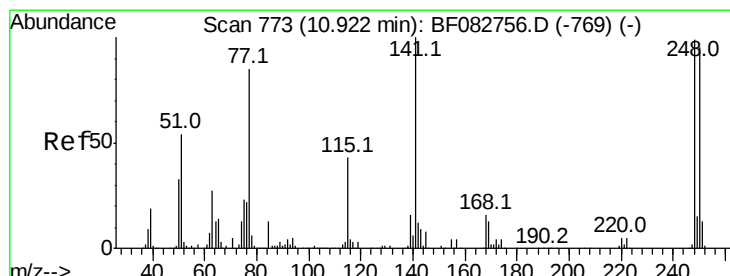
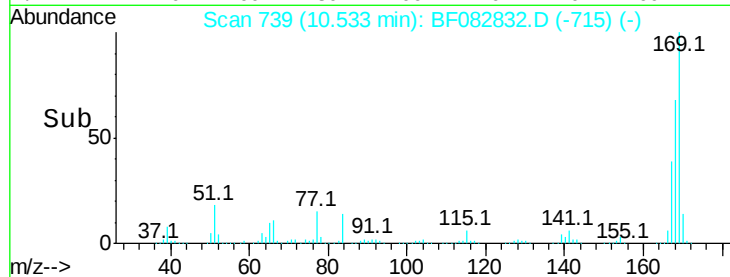
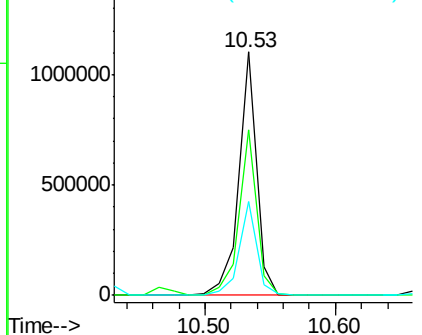
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	55.0	82.6
167	38.5	30.5	45.7

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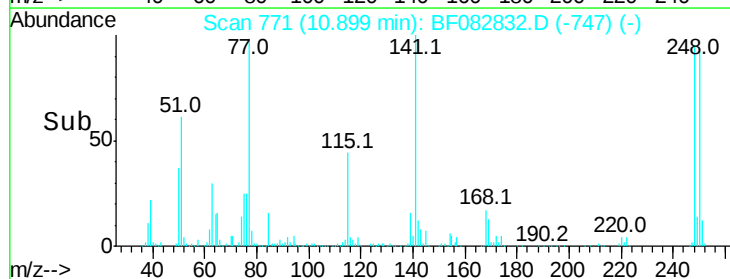
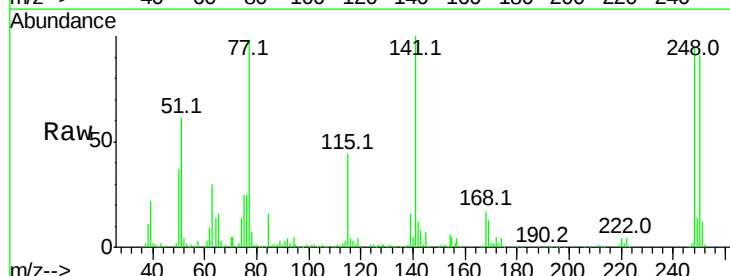
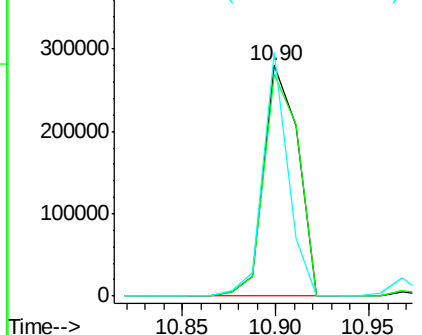
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

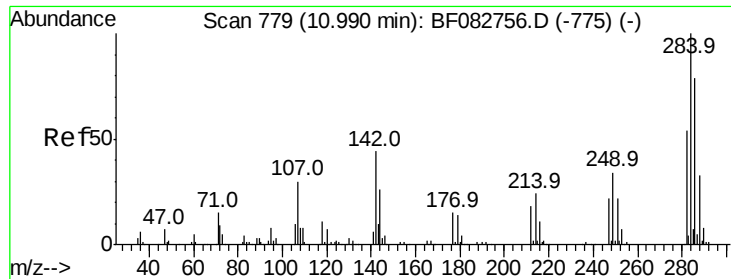


#66
4-Bromophenyl-phenylether
Concen: 35.11 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	79.4	119.2
141	105.8	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: 34.25 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

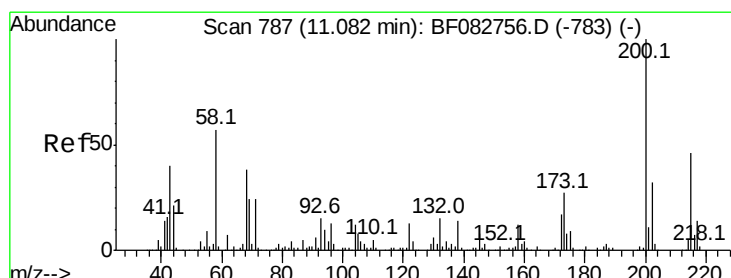
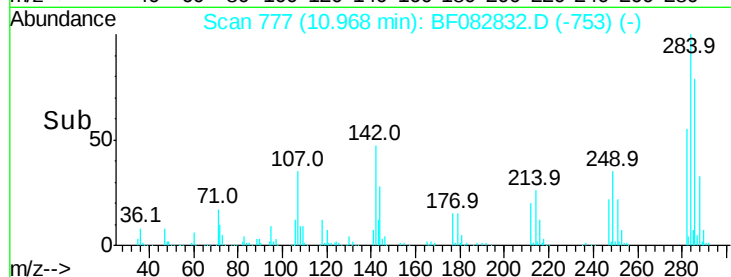
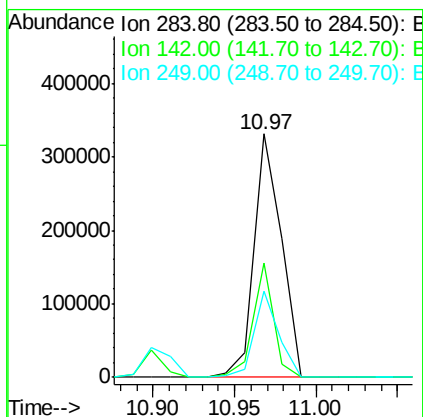
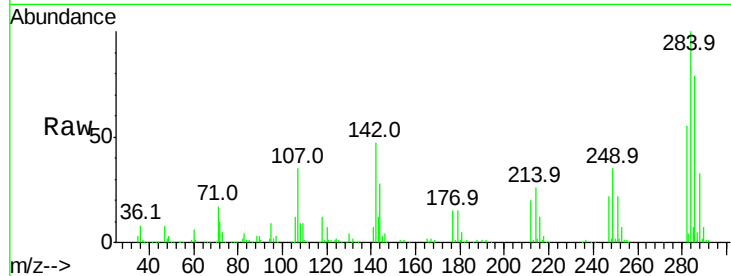
ClientSampleId :

PB86454BS

Tot Ion:	284	Resp:	385338
Ion Ratio		Lower	Upper
284	100		
142	47.0	47.9	71.9#
249	35.2	29.7	44.5

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#68

Atrazine

Concen: 39.63 ng

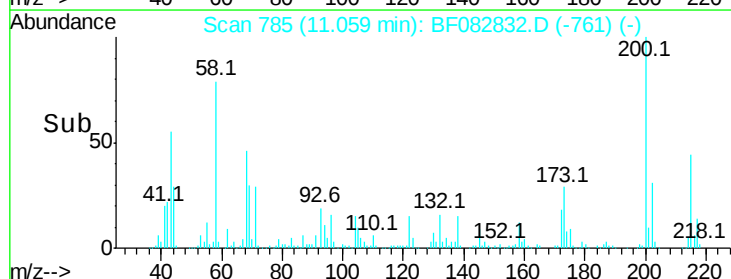
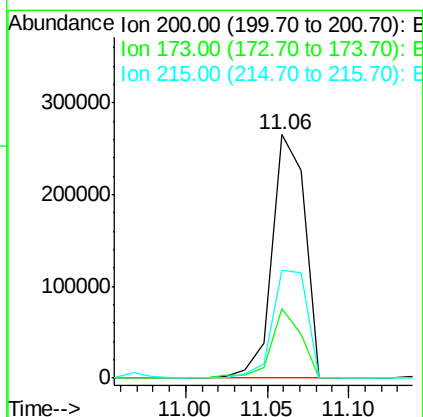
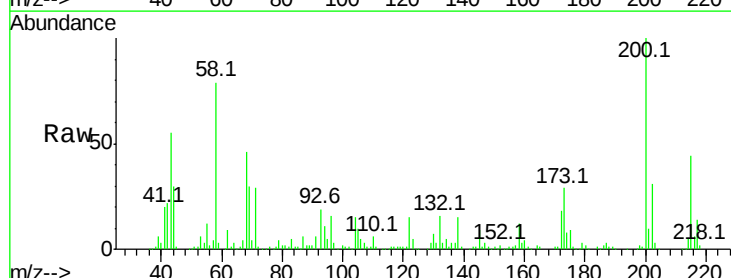
RT: 11.06 min Scan# 785

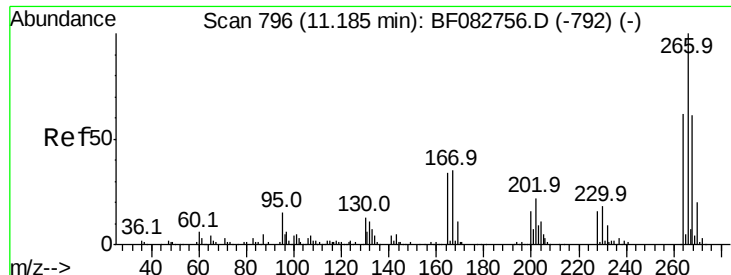
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	200	Resp:	370534
Ion Ratio		Lower	Upper
200	100		
173	28.7	6.9	46.9
215	44.4	22.9	62.9





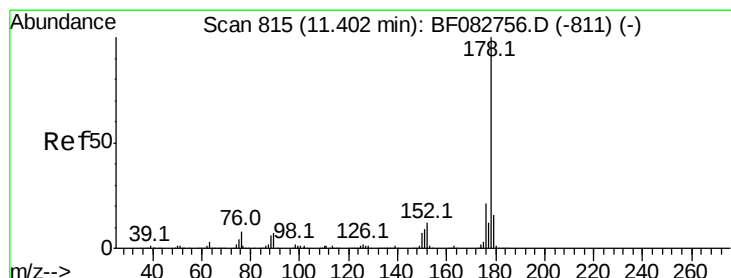
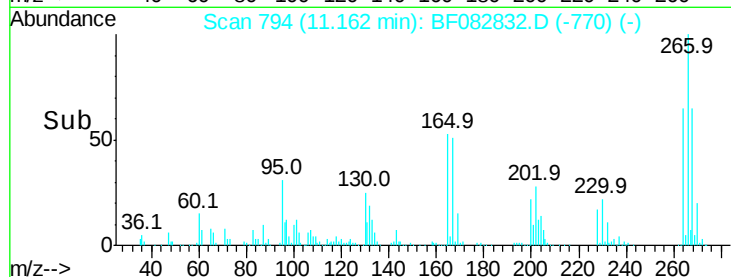
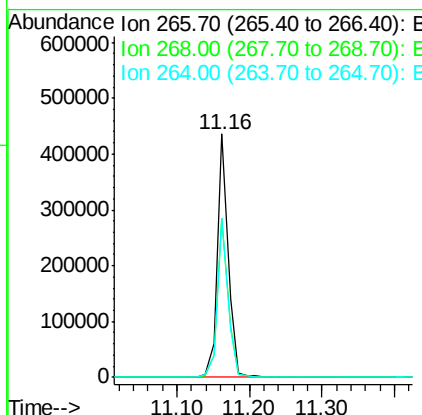
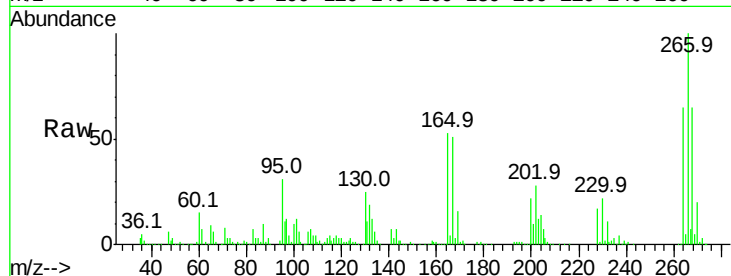
#69
 Pentachlorophenol
 Concen: 66.62 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	455222		
268	65.2	51.0	76.6	
264	65.4	50.6	75.8	

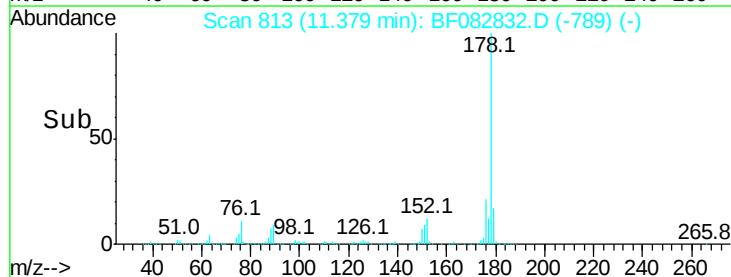
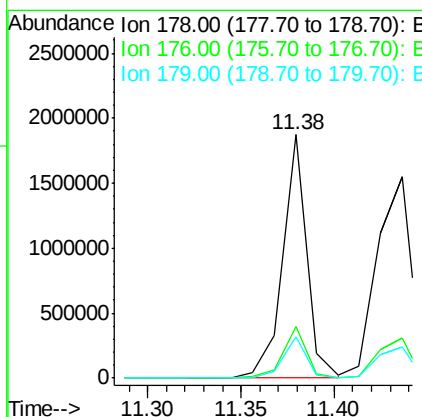
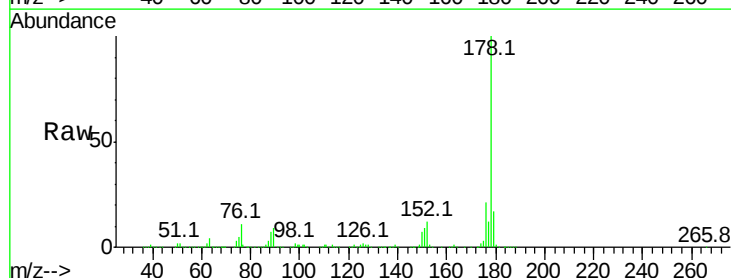
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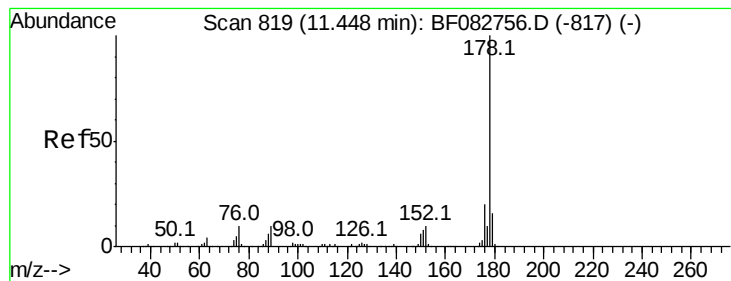
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#70
 Phenanthrene
 Concen: 34.77 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1690073		
176	21.4	17.0	25.4	
179	16.8	13.4	20.0	





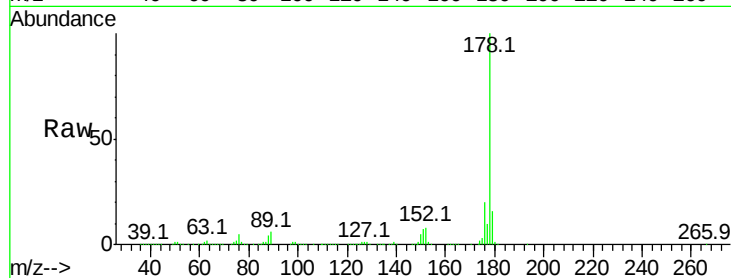
#71
 Anthracene
 Concen: 37.19 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

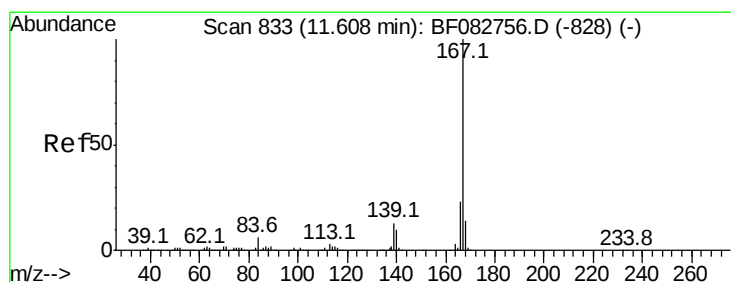
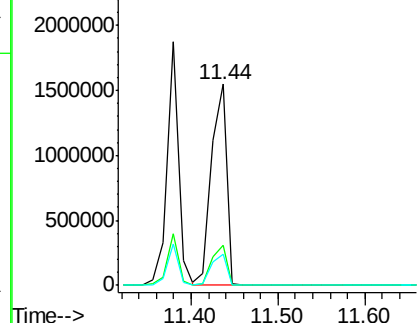
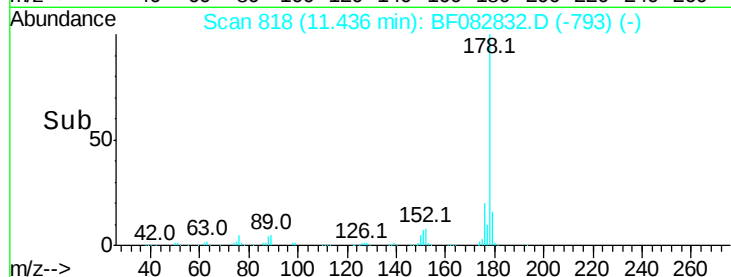
Tot Ion:178 Resp: 1903836
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.5 24.7
 179 15.8 13.2 19.8

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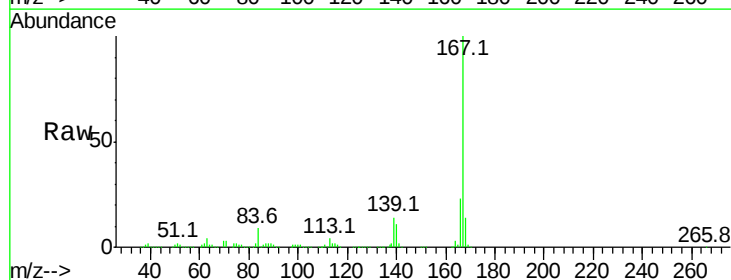


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 176.00 (175.70 to 176.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E

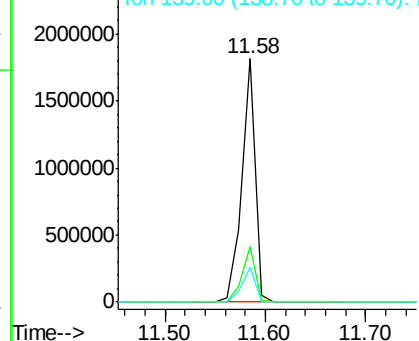
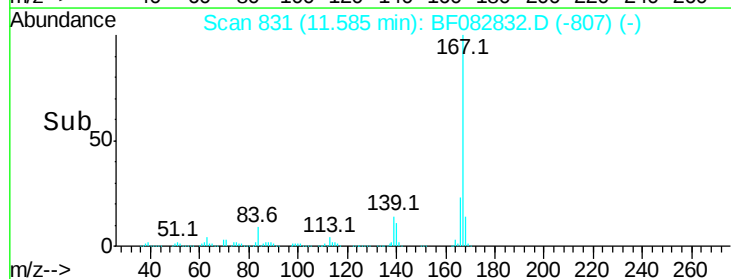


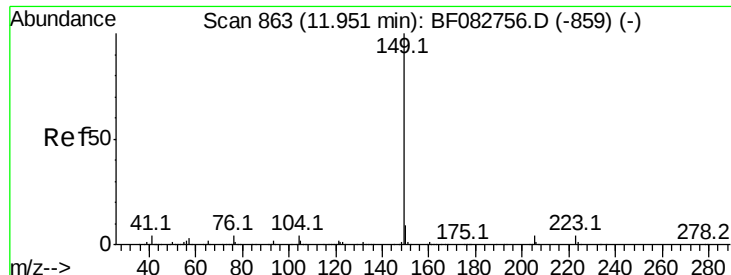
#72
 Carbazole
 Concen: 37.64 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:167 Resp: 1686918
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.7 28.1
 139 14.3 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
 2500000 Ion 166.00 (165.70 to 166.70): E
 2000000 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.22 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:149 Resp: 2078284

Ion Ratio Lower Upper

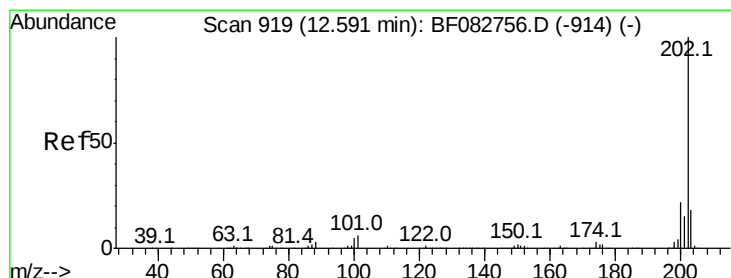
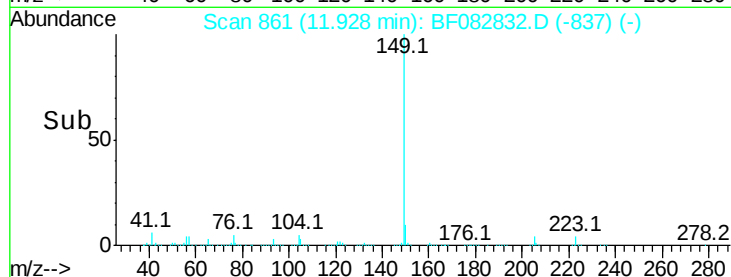
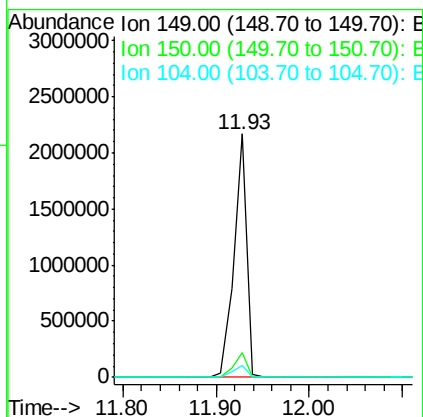
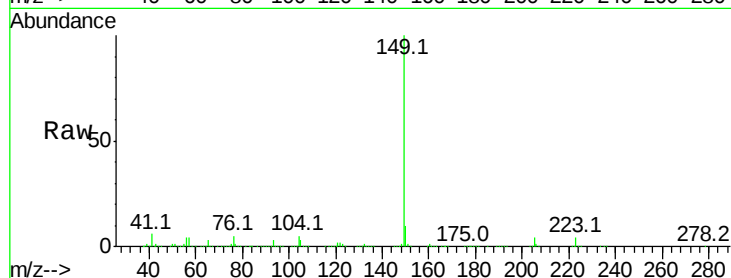
149 100

150 10.0 8.1 12.1

104 5.1 5.2 7.8#

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#74

Fluoranthene

Concen: 37.23 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

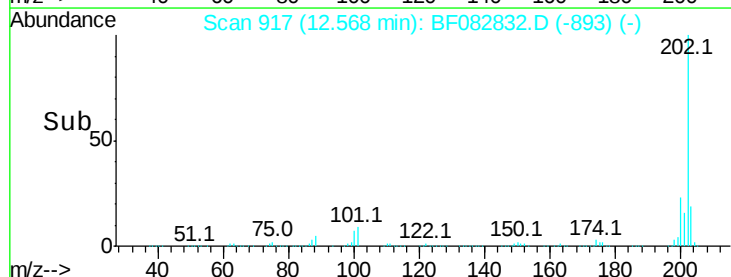
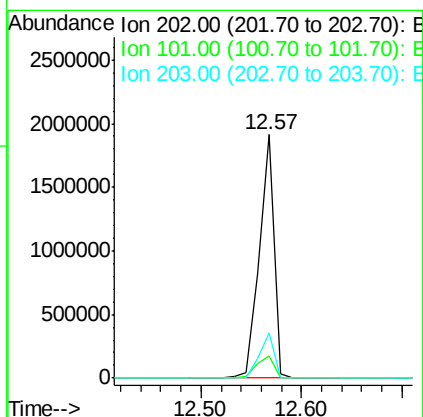
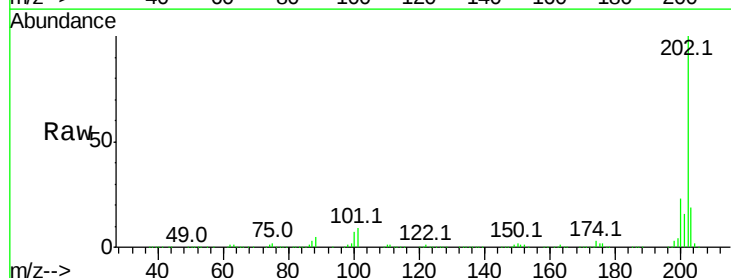
Tgt Ion:202 Resp: 1941908

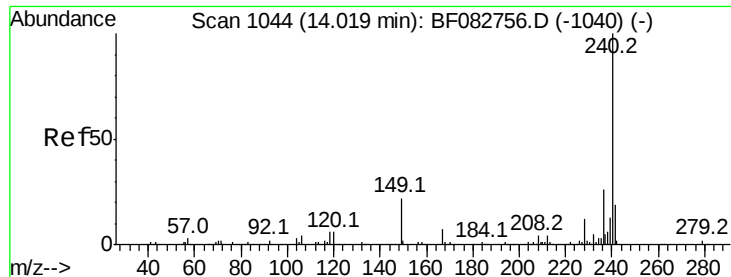
Ion Ratio Lower Upper

202 100

101 9.1 0.0 30.5

203 18.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

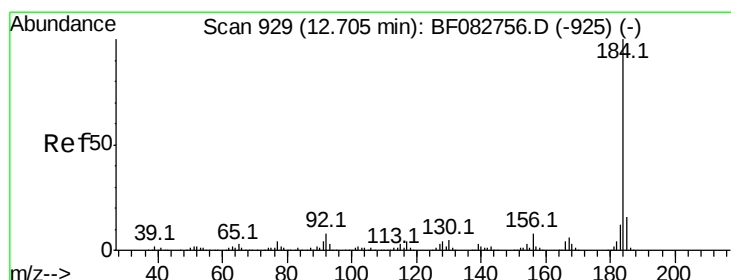
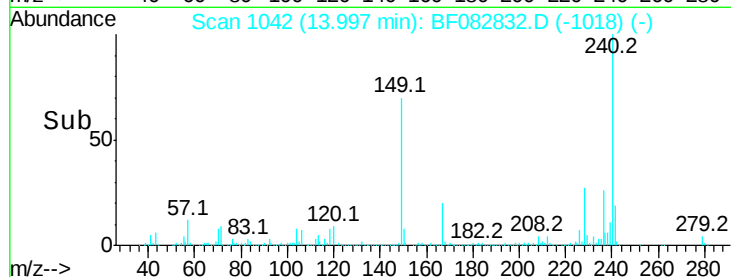
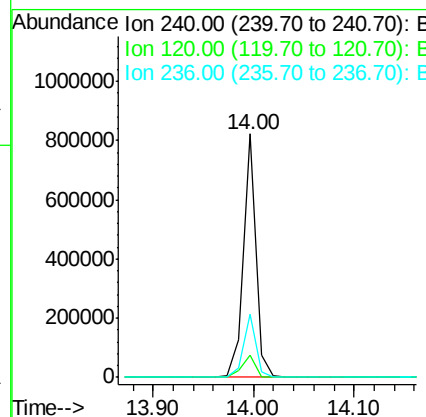
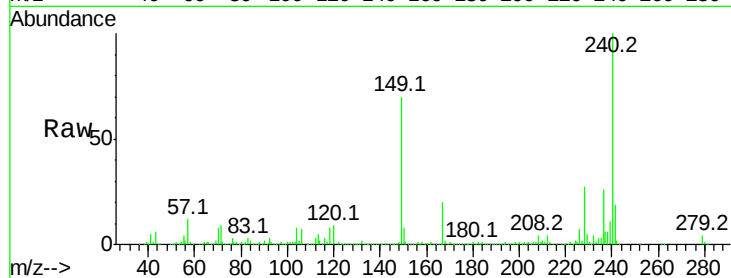
ClientSampleID :

PB86454BS

Tot Ion:	240	Resp:	713629
Ion Ratio	Lower	Upper	
240	100		
120	9.0	10.9	16.3#
236	26.0	21.6	32.4

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#76

Benzidine

Concen: 33.88 ng

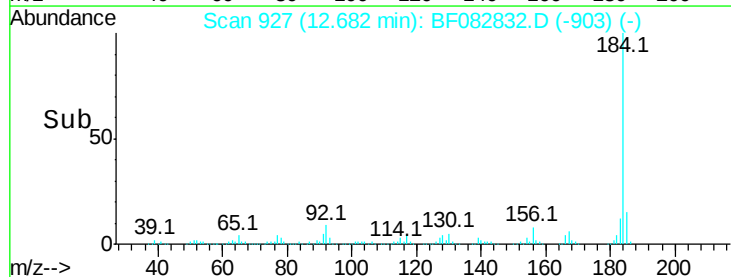
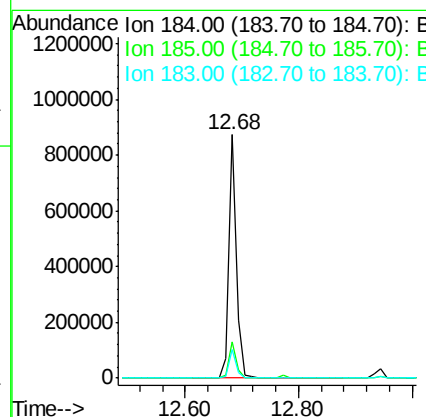
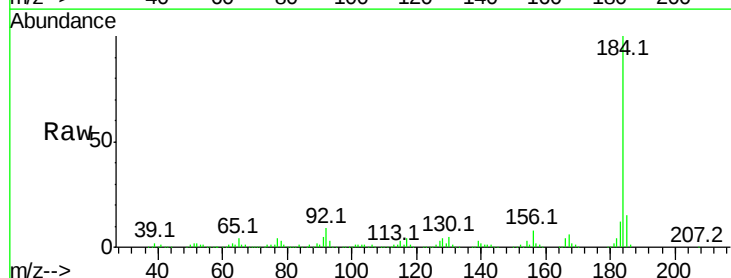
RT: 12.68 min Scan# 927

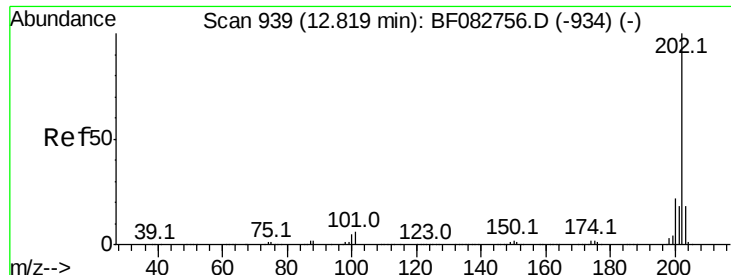
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	184	Resp:	810176
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.0	18.0
183	11.8	9.6	14.4





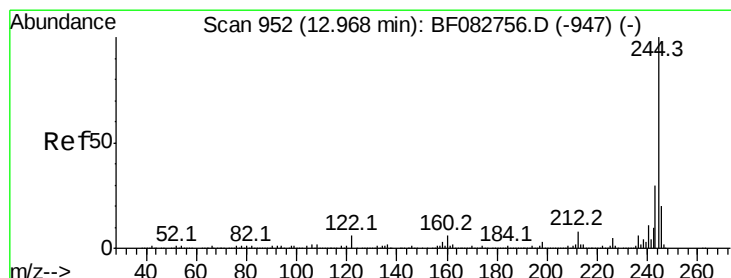
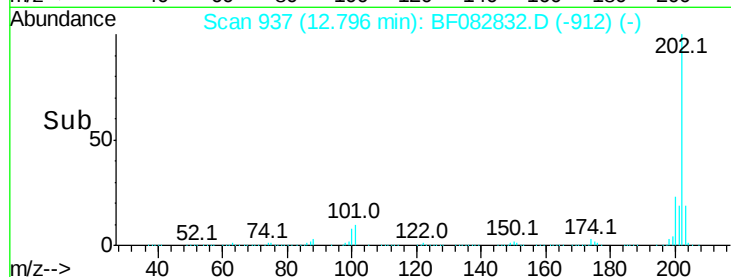
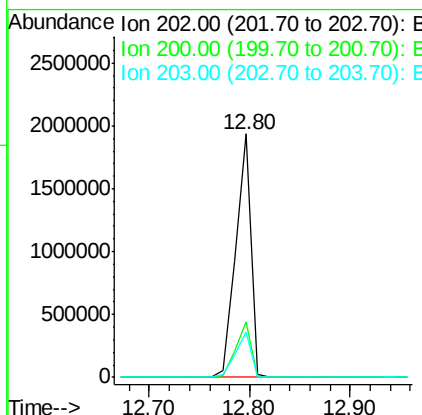
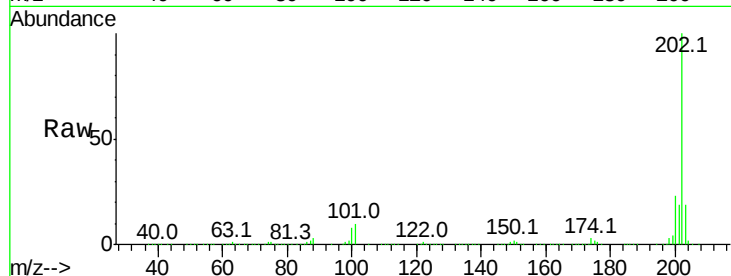
#77
Pvrene
Concen: 41.28 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.7	28.1
203	18.6	14.8	22.2

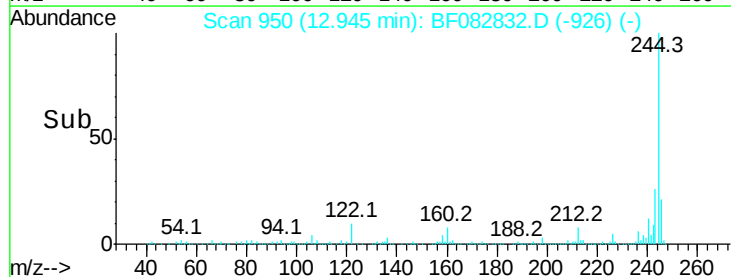
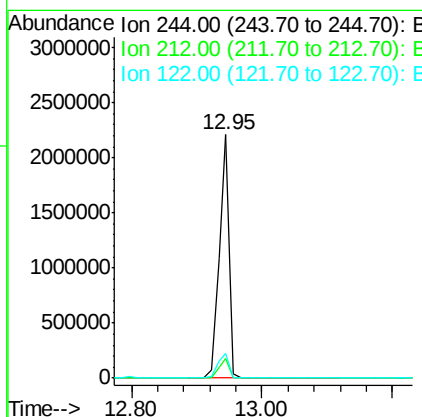
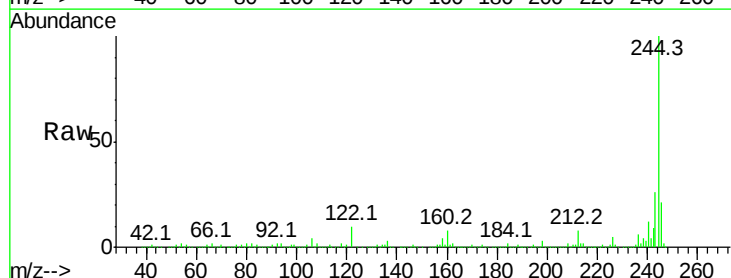
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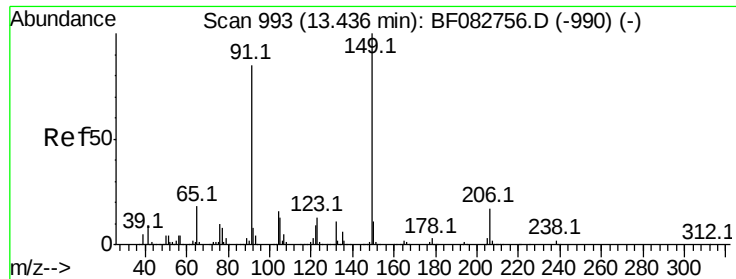
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#78
Terphenyl-d14
Concen: 77.91 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.6	11.4
122	10.4	11.3	16.9#





#79

Butylbenzylphthalate

Concen: 40.23 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

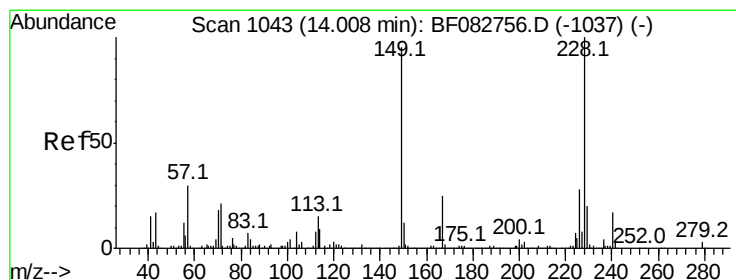
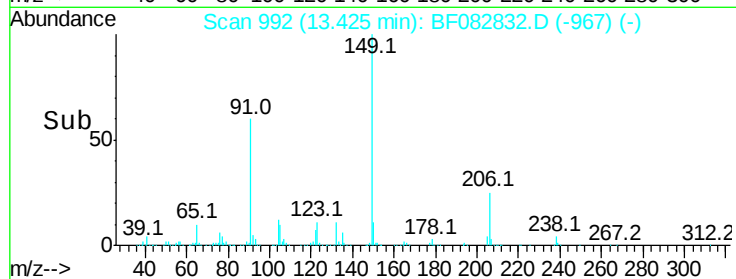
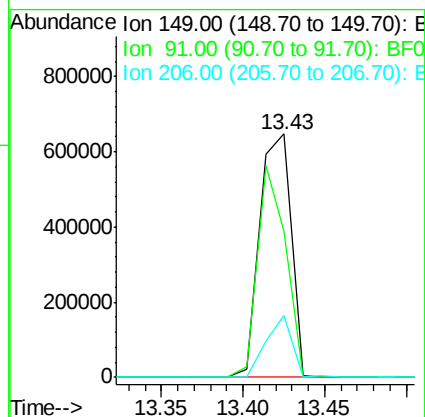
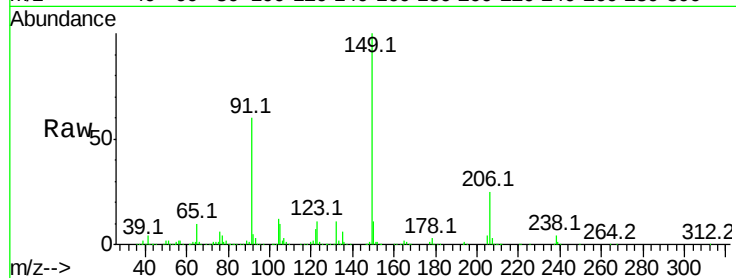
ClientSampleId :

PB86454BS

Tot Ion:	149	Resp:	870965
Ion Ratio	Lower	Upper	
149	100		
91	60.1	67.7	101.5#
206	25.4	14.6	22.0#

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 38.97 ng

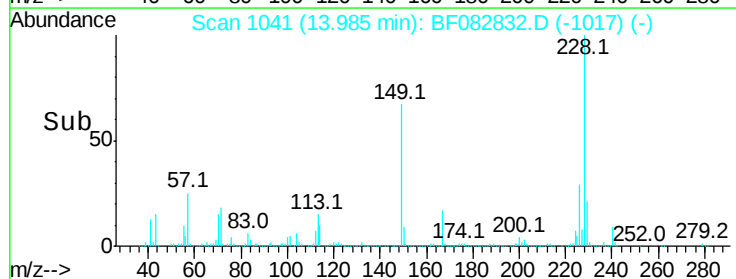
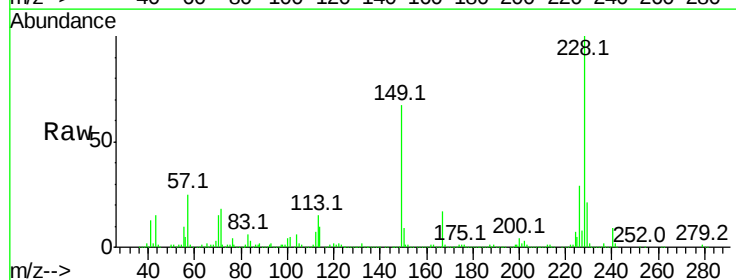
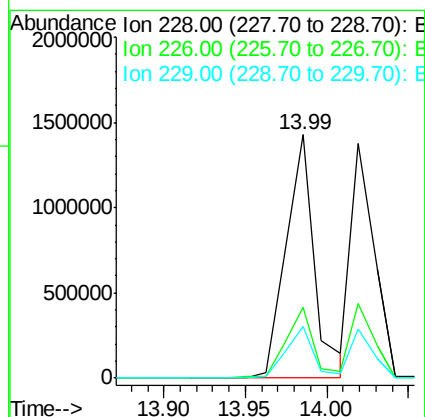
RT: 13.99 min Scan# 1041

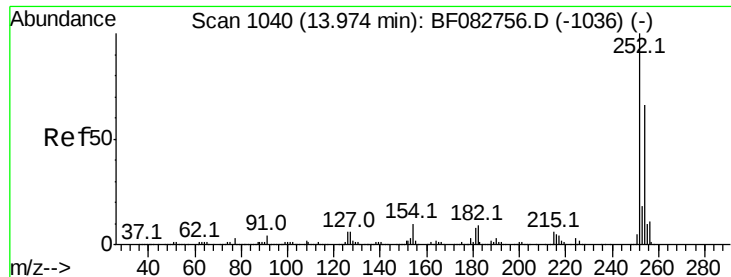
Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	228	Resp:	1739082
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	21.0	16.3	24.5





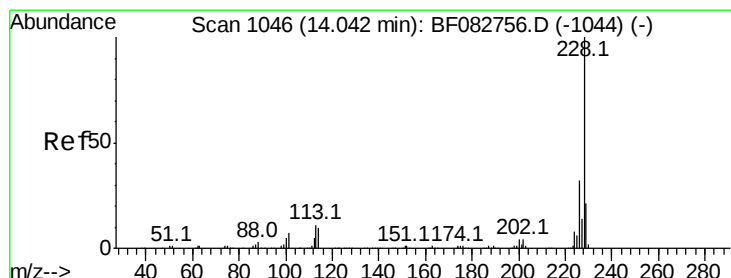
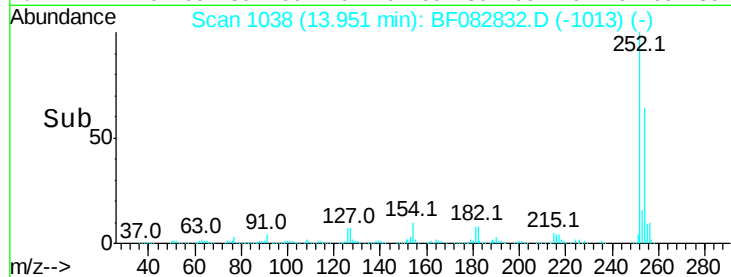
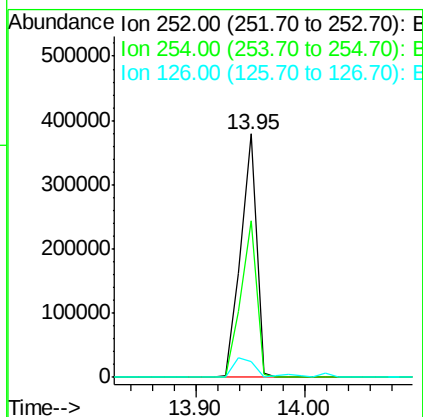
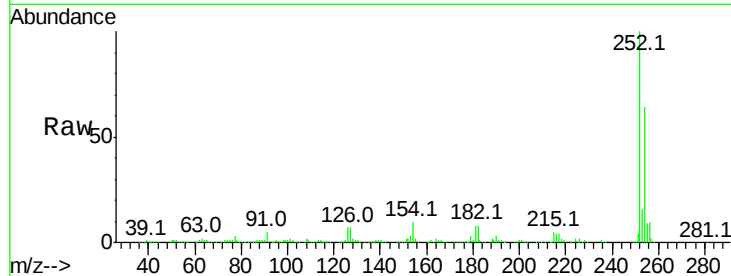
#81
3,3'-Dichlorobenzidine
Concen: 23.98 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Instrument :
BNA_F
ClientSampleId :
PB86454BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	6.5	10.7	16.1

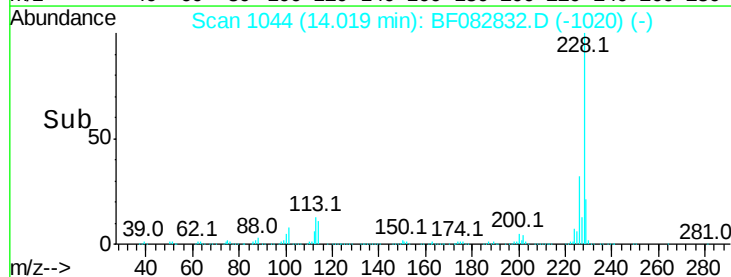
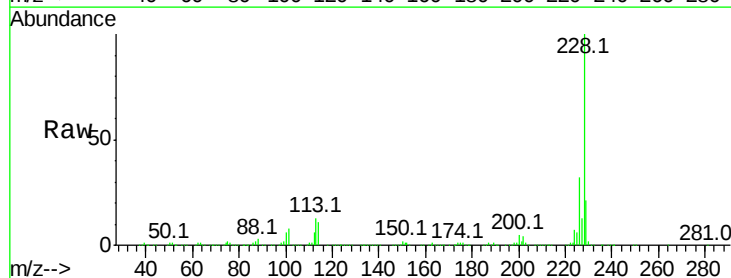
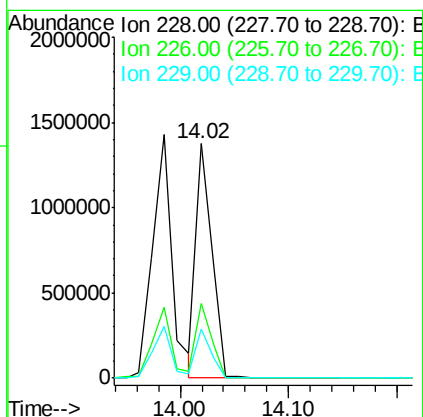
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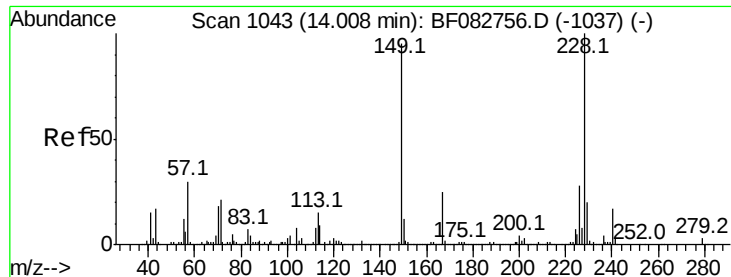
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#82
Chrysene
Concen: 34.31 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082832.D
Acq: 9 Nov 2015 15:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.5	38.3
229	20.8	16.3	24.5





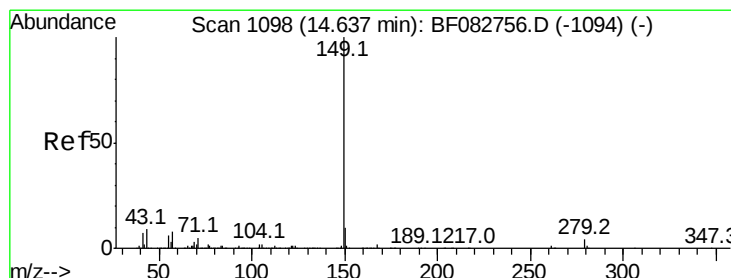
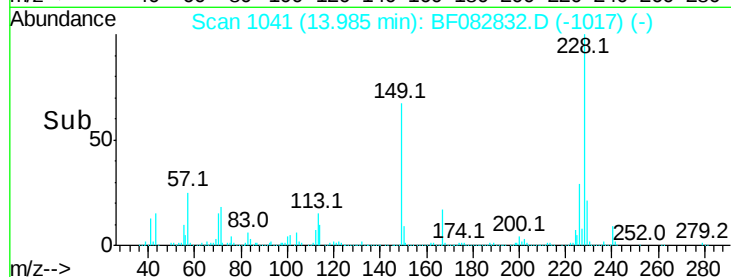
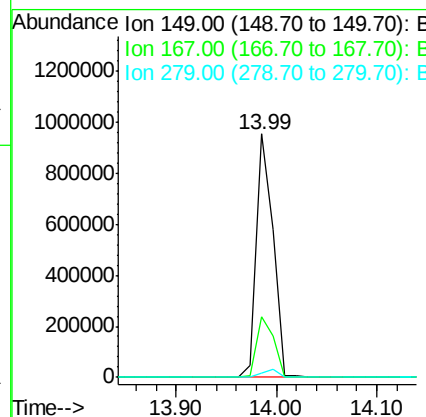
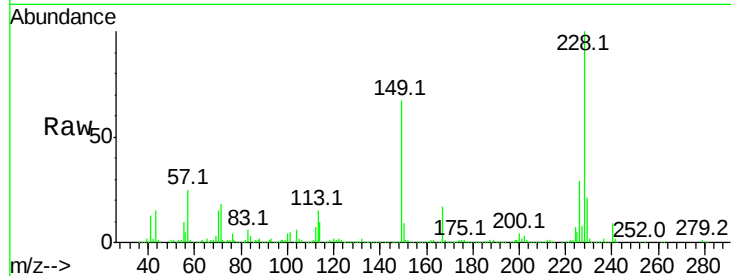
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.93 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion:149 Resp: 1094305
 Ion Ratio Lower Upper
 149 100
 167 25.0 21.2 31.8
 279 1.9 2.2 3.2#

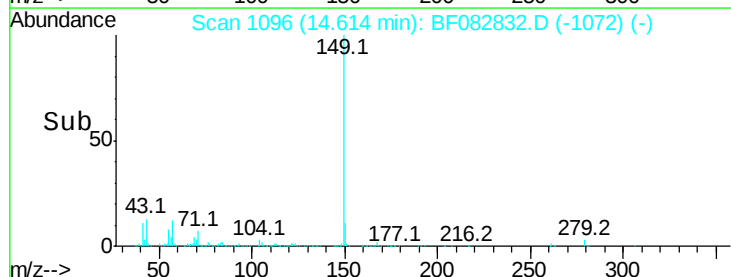
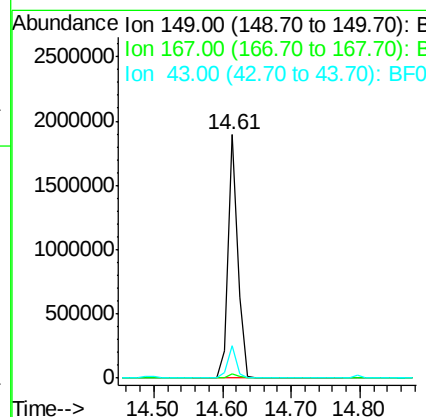
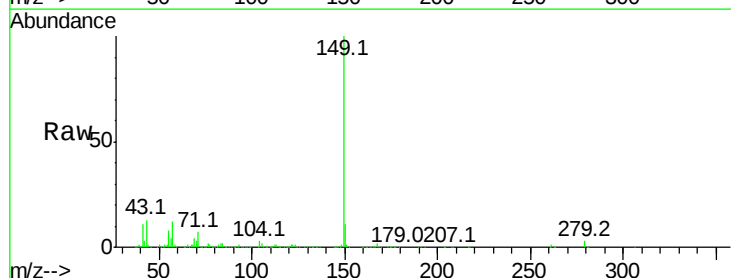
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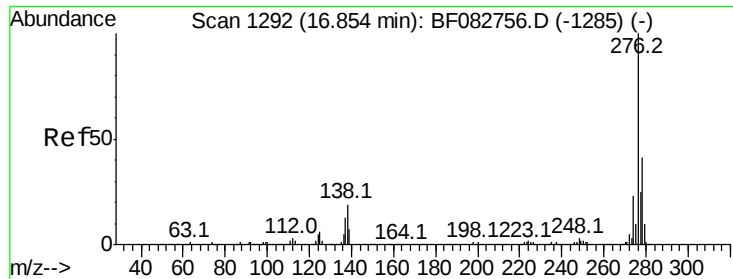
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 11/10/2015 1:02:20 PM



#84
 Di-n-octyl phthalate
 Concen: 38.45 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Tgt Ion:149 Resp: 1900804
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 12.1 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.35 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:276 Resp: 1420252

Ion Ratio Lower Upper

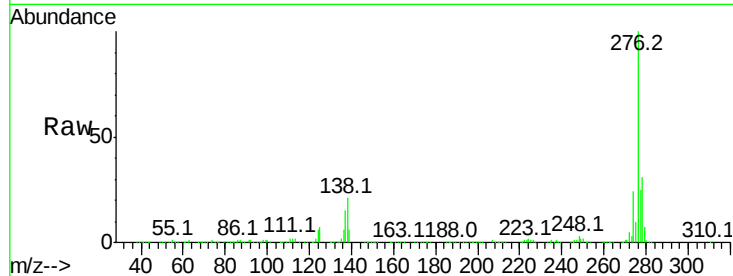
276 100

138 22.5 15.3 22.9

277 25.1 20.2 30.4

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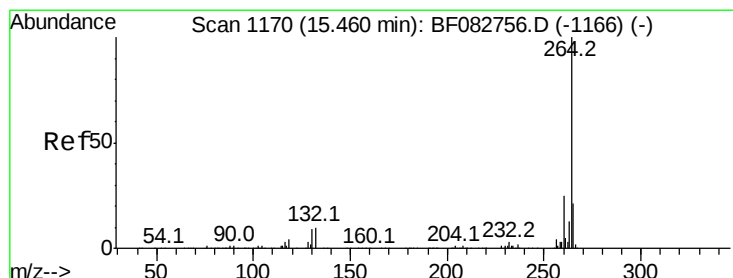
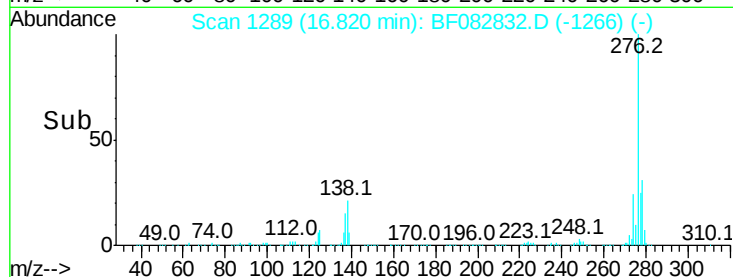
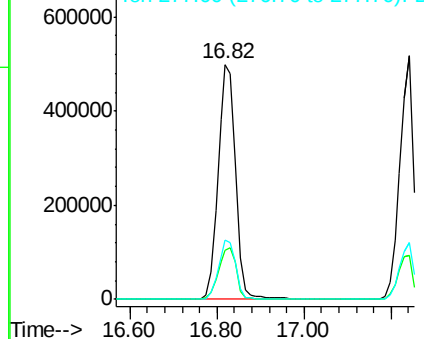
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:264 Resp: 661745

Ion Ratio Lower Upper

264 100

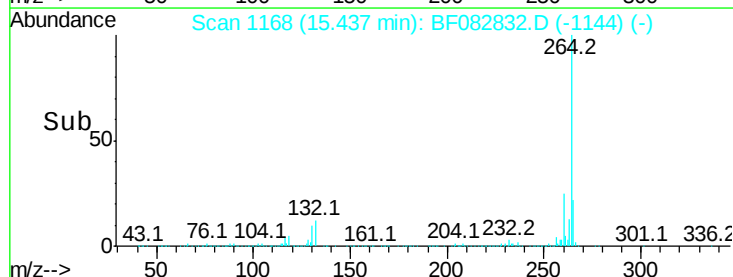
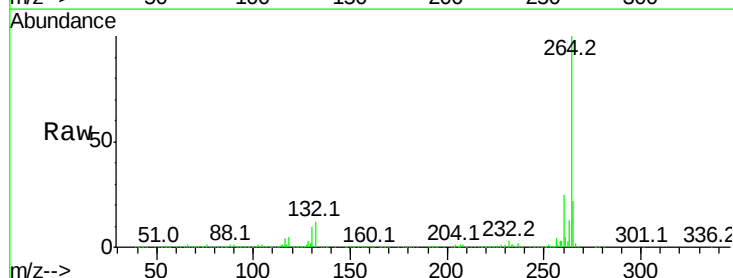
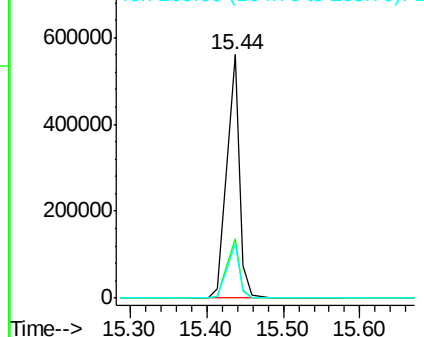
260 24.6 19.8 29.6

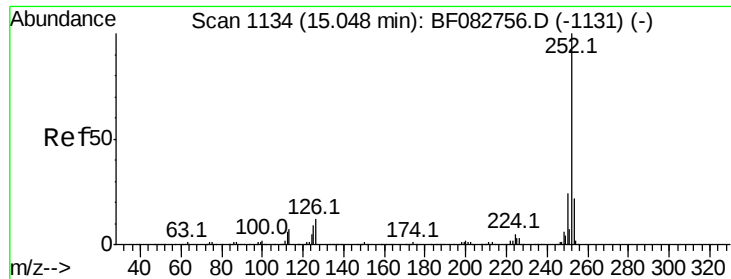
265 22.4 17.4 26.0

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: 42.03 ng m

RT: 15.04 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

ClientSampleId :

PB86454BS

Tot Ion:252 Resp: 1785268

Ion Ratio Lower Upper

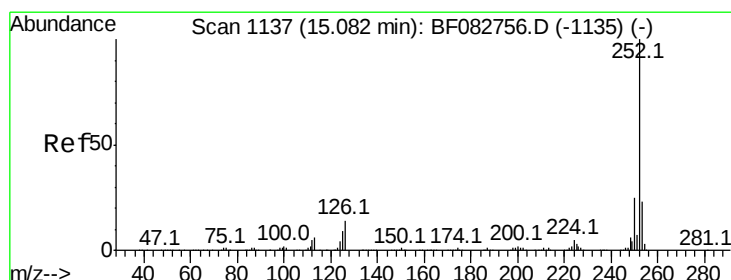
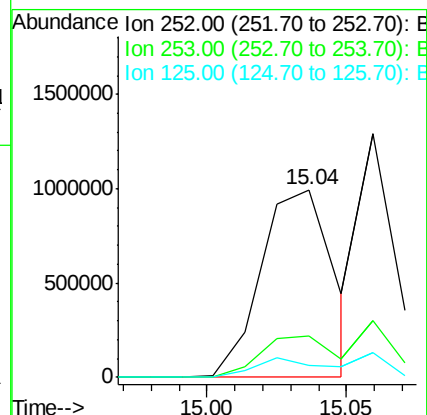
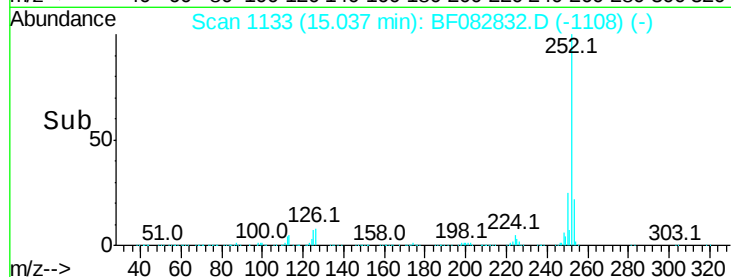
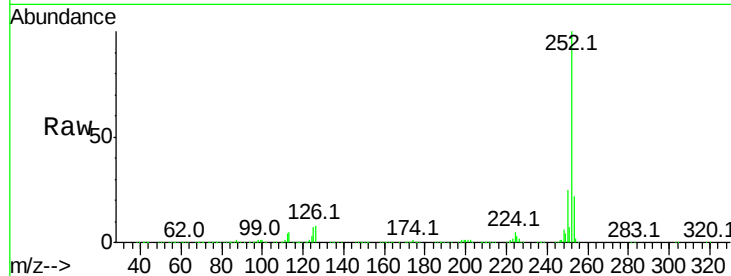
252 100

253 21.9 17.8 26.8

125 6.6 5.4 8.2

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#88

Benzo(k)fluoranthene

Concen: 31.01 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

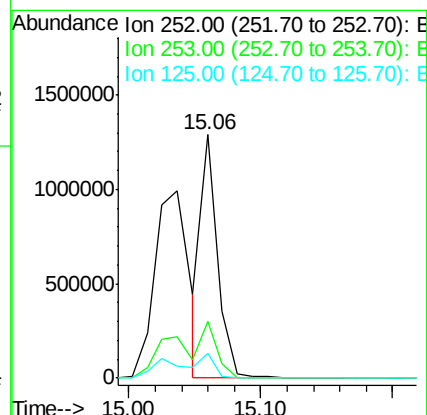
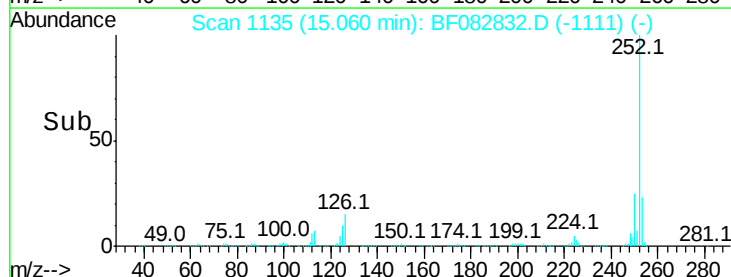
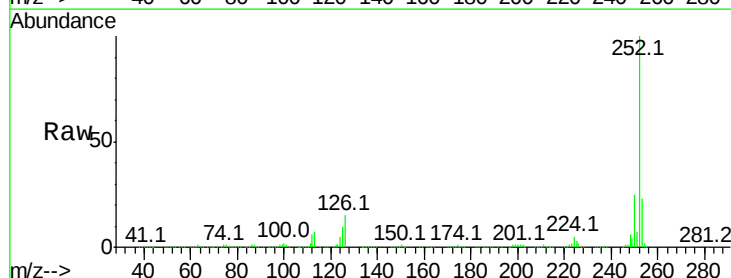
Tgt Ion:252 Resp: 1168501

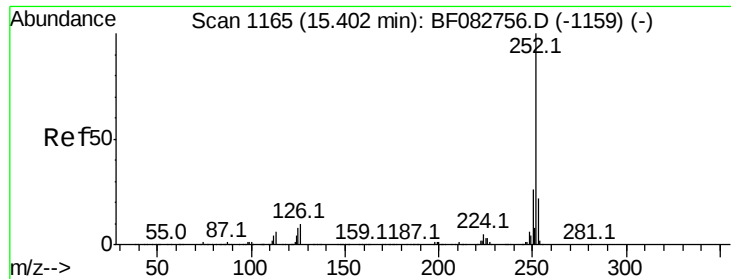
Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

125 10.3 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 38.57 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.02 min

Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Instrument :

BNA_F

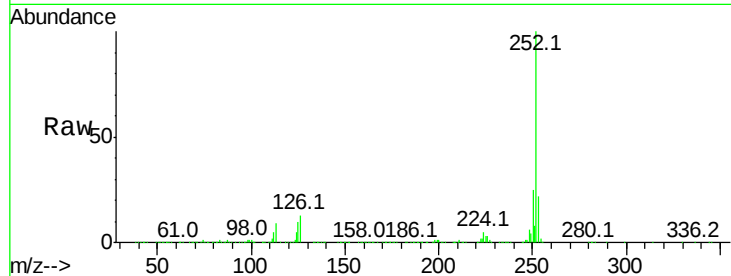
ClientSampled :

PB86454BS

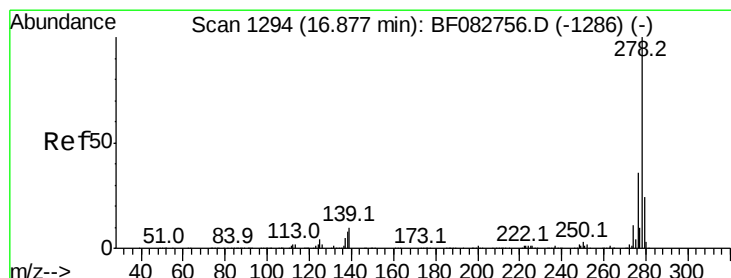
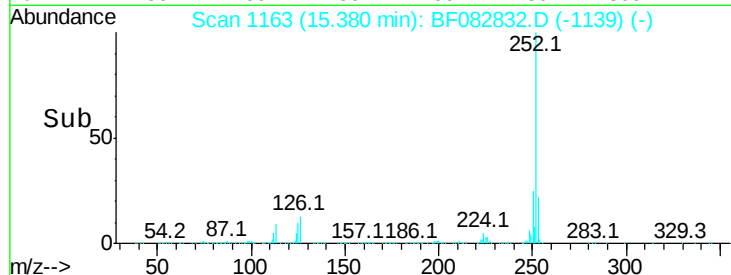
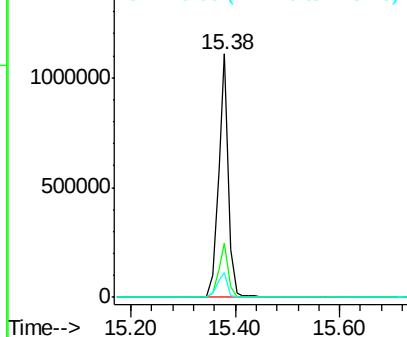
Tot Ion:	252	Resp:	1419544
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	10.0	7.1	10.7

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



#90

Dibenzo(a,h)anthracene

Concen: 38.16 ng

RT: 16.84 min Scan# 1291

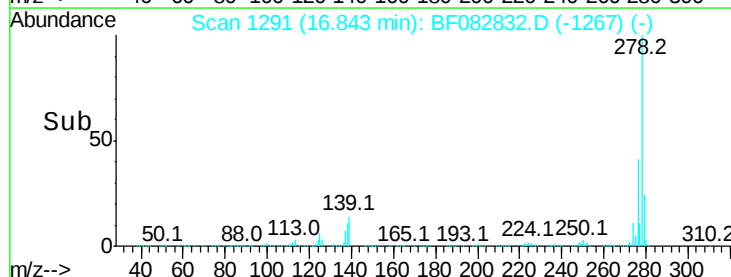
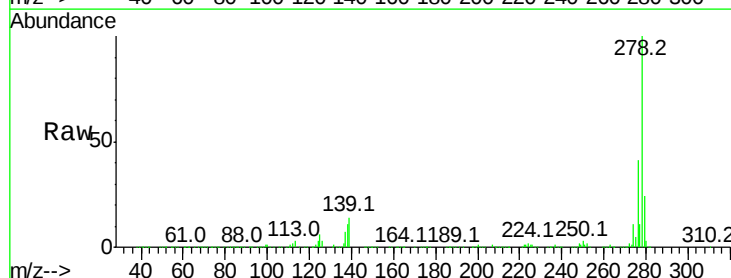
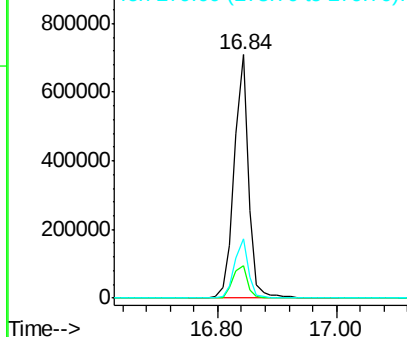
Delta R.T. -0.02 min

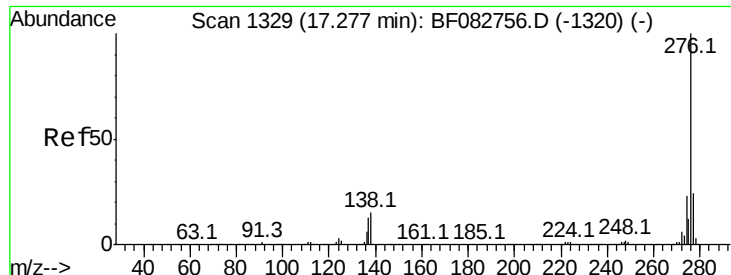
Lab File: BF082832.D

Acq: 9 Nov 2015 15:32

Tgt Ion:	278	Resp:	1189074
Ion	Ratio	Lower	Upper
278	100		
139	13.6	9.9	14.9
279	24.1	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.59 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.02 min
 Lab File: BF082832.D
 Acq: 9 Nov 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB86454BS

Tot Ion:	276	Resp:	1151730
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	18.0	13.1	19.7

Manual Integrations
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