

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082302.D
 Acq On : 15 Oct 2015 11:50
 Operator : UM/IZ
 Sample : G4015-05MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Manual Integrations
 APPROVED

MMdadoda
 10/16/2015 4:15:49 PM

Quant Time: Oct 16 05:52:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79380	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	306838	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	149933	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	257335	20.00	ng	0.00
75) Chrysene-d12	14.13	240	150902	20.00	ng	0.03
86) Perylene-d12	15.74	264	137346	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	78183	19.88	ng	0.01
7) Phenol-d6	6.47	99	432823	84.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	488979	107.02	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	5513	3.92	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1020160	112.84	ng	0.00
78) Terphenyl-d14	12.98	244	701747	123.23	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	70276	35.56	ng	99
3) Pyridine	3.12	79	201838	43.91	ng	99
4) n-Nitrosodimethylamine	3.09	42	83899	43.04	ng	100
6) Aniline	6.48	93	141188	21.40	ng	# 1
8) 2-Chlorophenol	6.61	128	51057	10.63	ng	84
9) Benzaldehyde	6.38	77	101281	38.75	ng	87
10) Phenol	6.48	94	173418	29.39	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	215545	43.19	ng	95
12) 1,3-Dichlorobenzene	6.77	146	265008	47.39	ng	97
13) 1,4-Dichlorobenzene	6.85	146	270008	46.24	ng	97
14) 1,2-Dichlorobenzene	6.99	146	239299	43.16	ng	98
15) Benzyl Alcohol	6.97	79	177312	50.18	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	312820	45.01	ng	94
17) 2-Methylphenol	7.10	107	148433	39.09	ng	96
18) Hexachloroethane	7.34	117	93524	46.79	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	151490	42.15	ng	# 86
20) 3+4-Methylphenols	7.26	107	157487	34.81	ng	# 62
22) Acetophenone	7.25	105	319153	52.58	ng	# 86
24) Nitrobenzene	7.42	77	232942	47.10	ng	96
25) Isophorone	7.66	82	462436	50.15	ng	96
26) 2-Nitrophenol	7.74	139	6829	2.77	ng	95
27) 2,4-Dimethylphenol	7.77	122	133156	33.47	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	264222	49.24	ng	100
29) 2,4-Dichlorophenol	7.98	162	22894	5.76	ng	92
30) 1,2,4-Trichlorobenzene	8.06	180	225837	49.26	ng	99
31) Naphthalene	8.14	128	642381	48.30	ng	100
33) 4-Chloroaniline	8.19	127	152448	27.60	ng	97
34) Hexachlorobutadiene	8.25	225	141140	49.41	ng	97
35) Caprolactam	8.54	113	55471	48.06	ng	# 80
36) 4-Chloro-3-methylphenol	8.69	107	106320	27.34	ng	93
37) 2-Methylnaphthalene	8.83	142	480647	52.13	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	209758	47.04	ng	99
40) Hexachlorocyclopentadiene	8.98	237	129414	59.70	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	6641	2.07	ng	# 86

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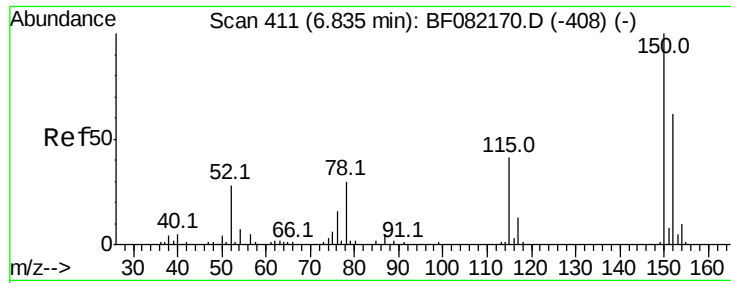
Manual Integrations
 APPROVED

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.30	154	541229	47.34	nq	95
46) 2-Chloronaphthalene	9.33	162	464113	51.57	nq	98
47) 2-Nitroaniline	9.43	65	136346	55.18	nq #	71
48) Acenaphthylene	9.74	152	650113	46.37	nq	100
49) Dimethylphthalate	9.60	163	622908	59.00	nq	100
50) 2,6-Dinitrotoluene	9.67	165	113574	50.98	nq	88
51) Acenaphthene	9.91	154	379541	45.09	nq	99
52) 3-Nitroaniline	9.84	138	106245	42.22	nq	96
54) Dibenzofuran	10.08	168	587844	50.87	nq	97
56) 2,4-Dinitrotoluene	10.07	165	138054	49.58	nq	99
57) Fluorene	10.42	166	441343	46.50	nq	99
59) Diethylphthalate	10.30	149	502486	51.06	nq	100
60) 4-Chlorophenyl-phenylether	10.42	204	226692	52.14	nq #	83
61) 4-Nitroaniline	10.46	138	116393	47.69	nq	94
62) Azobenzene	10.58	77	478935	49.72	nq	83
65) n-Nitrosodiphenylamine	10.54	169	401892	52.16	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	139684	54.24	nq #	83
67) Hexachlorobenzene	10.97	284	139328	50.02	nq #	76
68) Atrazine	11.07	200	157935	64.70	nq	97
70) Phenanthrene	11.39	178	685129	54.32	nq	99
71) Anthracene	11.44	178	635042	48.86	nq	99
72) Carbazole	11.60	167	549888	46.38	nq	99
73) Di-n-butylphthalate	11.93	149	687657	47.01	nq	100
74) Fluoranthene	12.59	202	561471	41.44	nq	99
76) Benzidine	12.73	184	124621	28.50	nq #	89
77) Pyrene	12.84	202	523343	58.44	nq	98
79) Butylbenzylphthalate	13.49	149	229004	56.03	nq	98
80) Benzo(a)anthracene	14.12	228	420550	53.56	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	93463	31.36	nq #	96
82) Chrysene	14.15	228	383251	46.33	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	280751	48.15	nq	99
84) Di-n-octyl phthalate	14.82	149	463757	46.31	nq #	51
85) Indeno(1,2,3-cd)pyrene	17.25	276	468433	71.24	nq	97
87) Benzo(b)fluoranthene	15.30	252	385434m	46.13	nq	
88) Benzo(k)fluoranthene	15.34	252	380268m	54.14	nq	
89) Benzo(a)pyrene	15.68	252	365355	50.88	nq #	82
90) Dibenzo(a,h)anthracene	17.25	278	393361	66.84	nq #	93
91) Benzo(g,h,i)perylene	17.68	276	392508	68.66	nq	99

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



#1

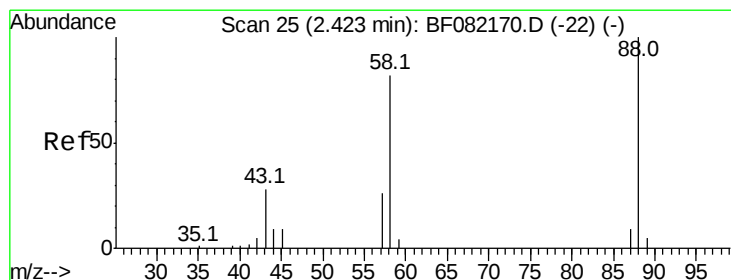
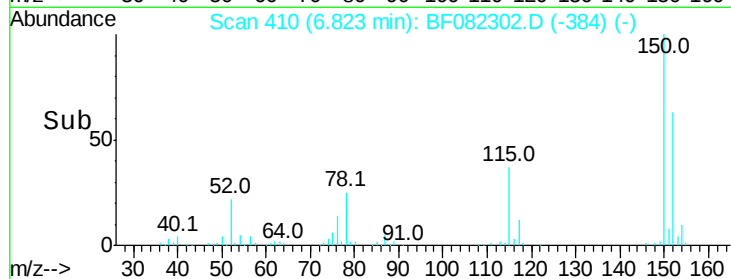
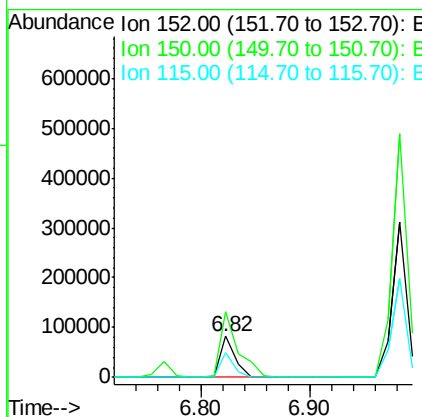
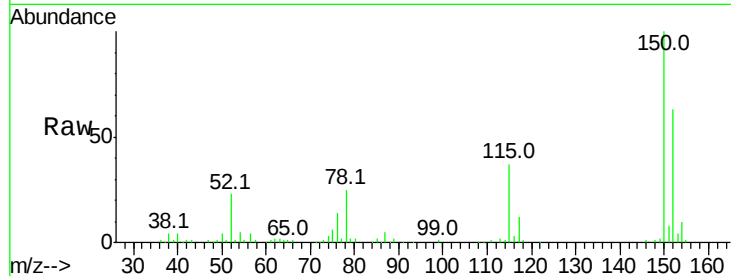
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	129.0	193.4
115	59.4	52.1	78.1

Manual Integrations
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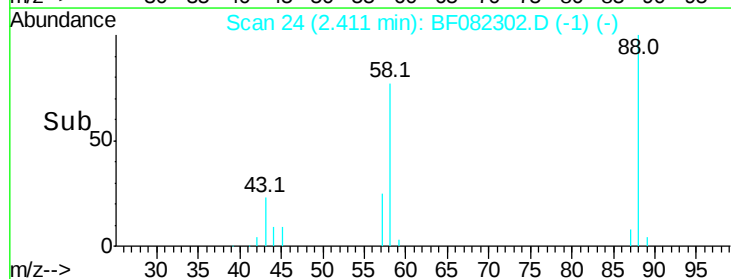
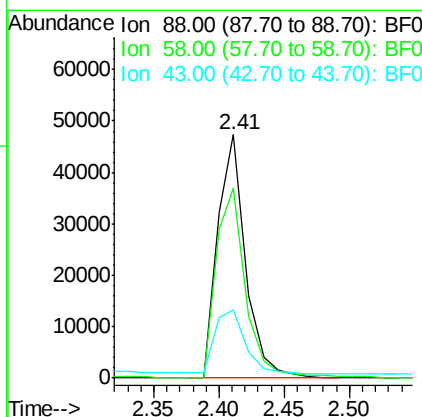
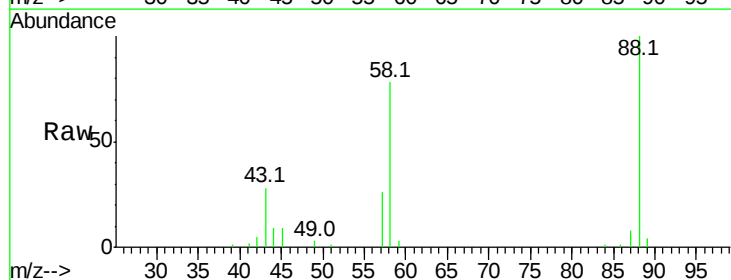
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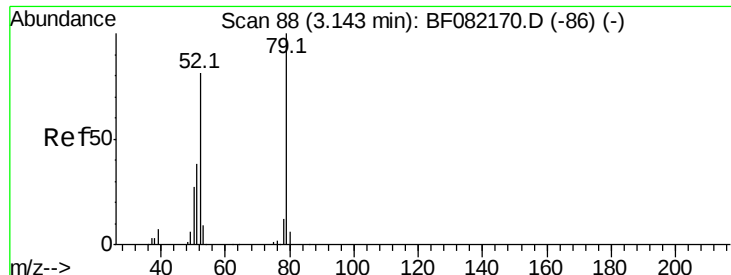


#2

1,4-Dioxane
Concen: 35.56 ng
RT: 2.41 min Scan# 24
Delta R.T. 0.05 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.6	66.2	99.4
43	28.6	23.0	34.4





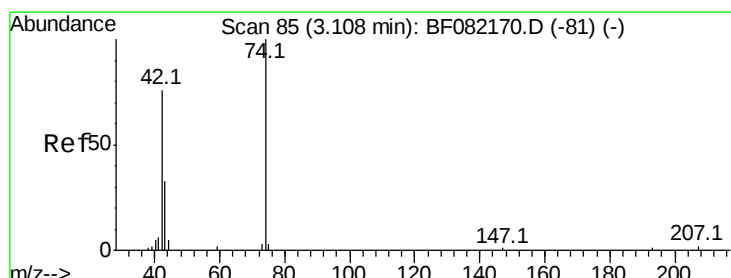
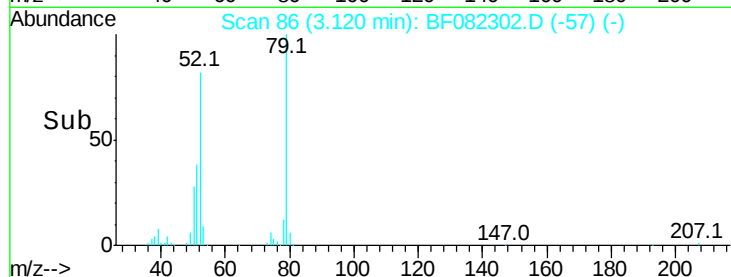
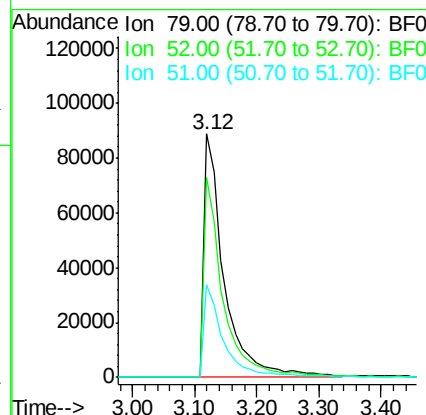
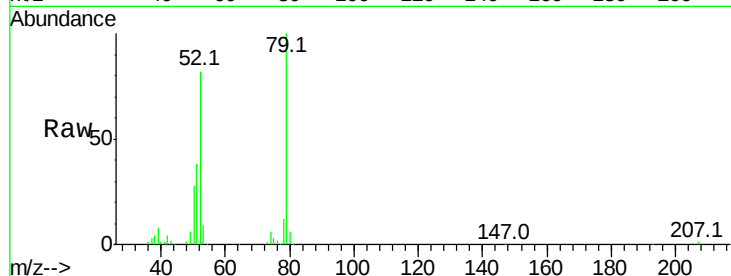
#3
 Pvridine
 Concen: 43.91 ng
 RT: 3.12 min Scan# 86
 Delta R.T. 0.03 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		201838		
52	82.4	64.4	96.6		
51	38.0	30.5	45.7		

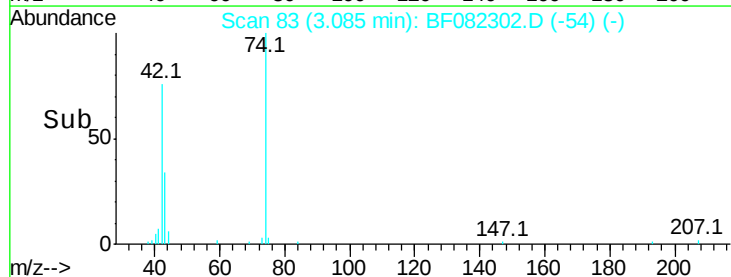
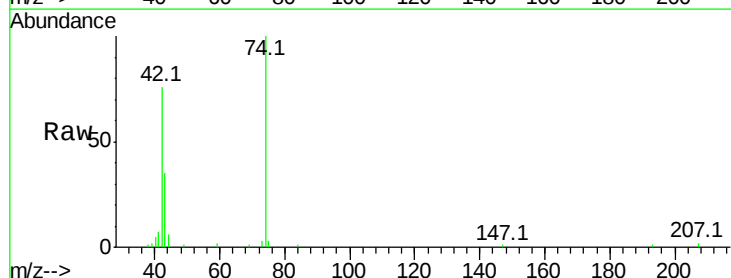
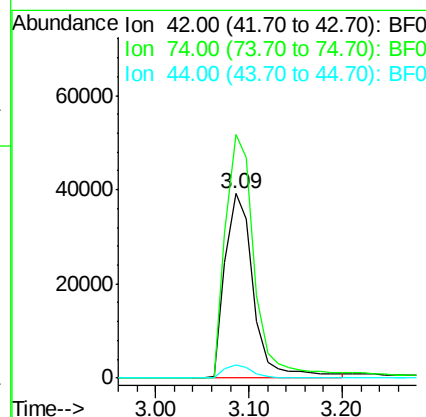
Manual Integrations
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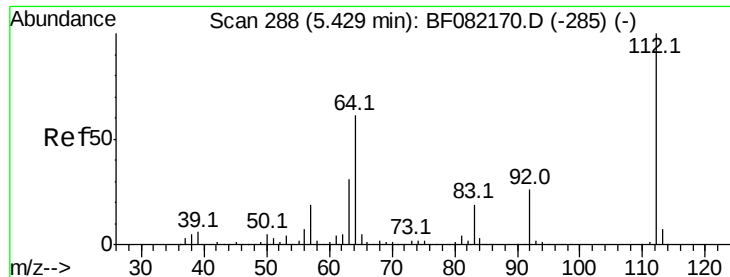
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#4
 n-Nitrosodimethylamine
 Concen: 43.04 ng
 RT: 3.09 min Scan# 83
 Delta R.T. 0.03 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		83899		
74	132.1	105.7	158.5		
44	7.5	5.4	8.2		





#5

2-Fluorophenol

Concen: 19.88 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

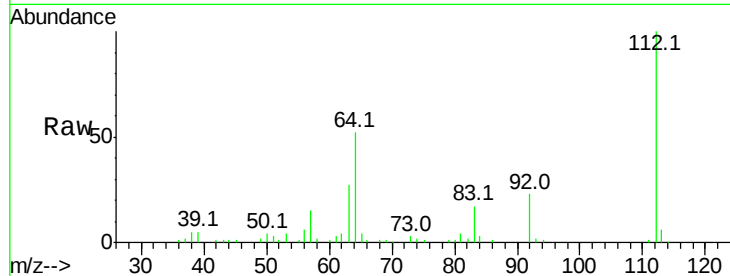
ClientSampleId :

LF-1MSD

Tot Ion:	112	Resp:	78183
Ion Ratio	Lower	Upper	
112	100		
64	52.1	48.6	73.0
63	27.2	25.1	37.7

Manual Integrations
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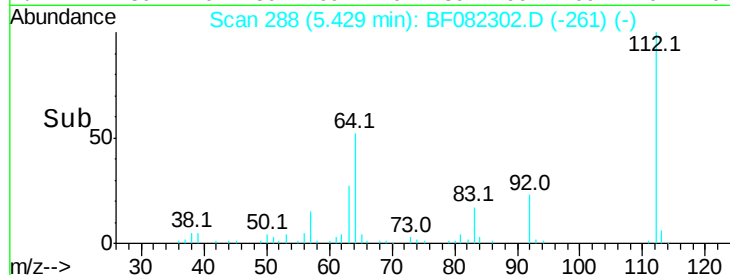


Abundance Ion 112.00 (111.70 to 112.70): E

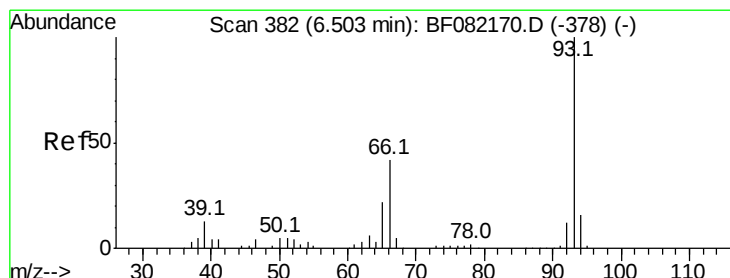
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 21.40 ng

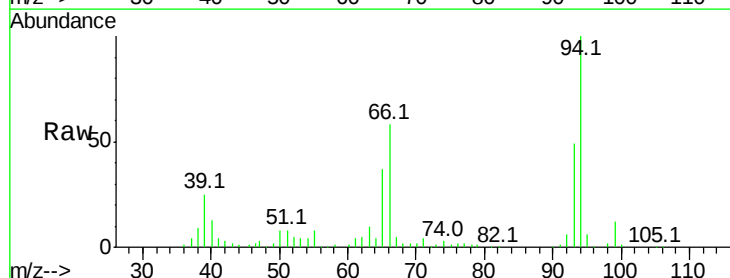
RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	93	Resp:	141188
Ion Ratio	Lower	Upper	
93	100		
66	118.2	34.2	51.2#
65	74.7	17.9	26.9#

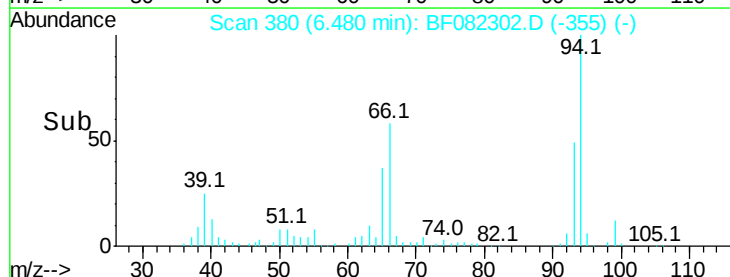


Abundance Ion 93.00 (92.70 to 93.70): BF0

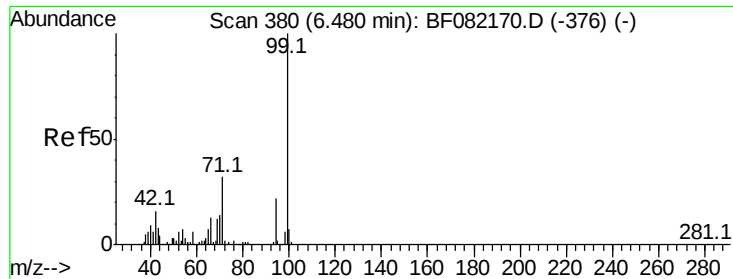
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 84.56 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

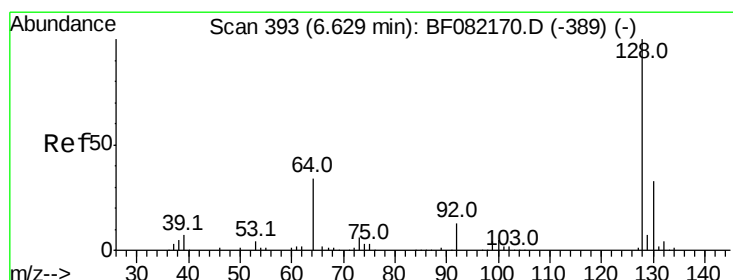
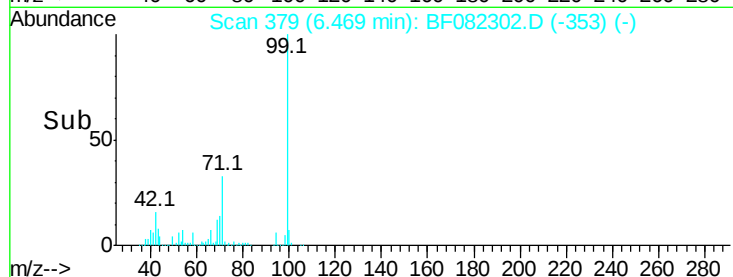
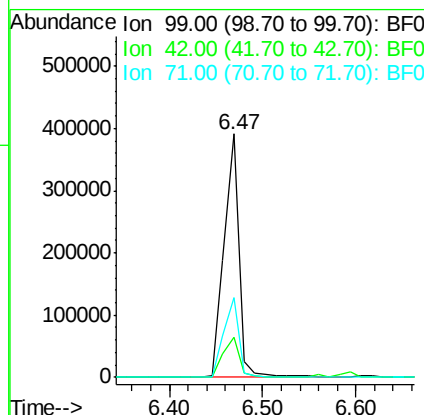
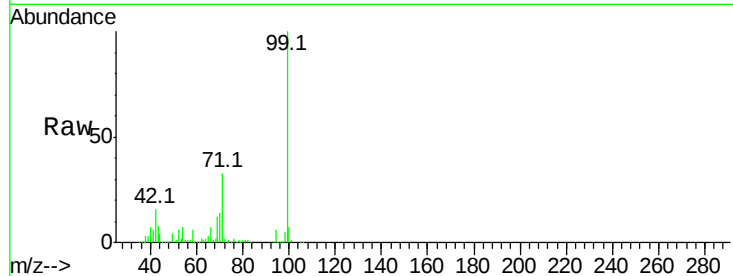
ClientSampleId :

LF-1MSD

Tot Ion:	99	Resp:	432823
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.2	19.8
71	32.8	25.6	38.4

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#8

2-Chlorophenol

Concen: 10.63 ng

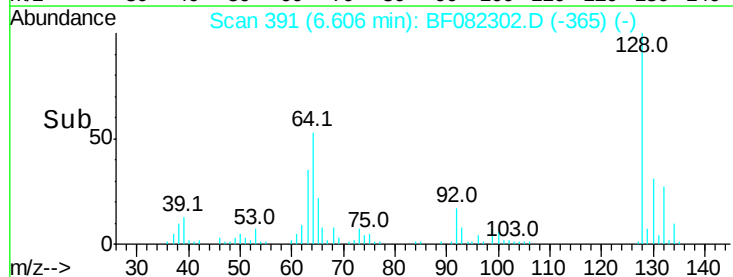
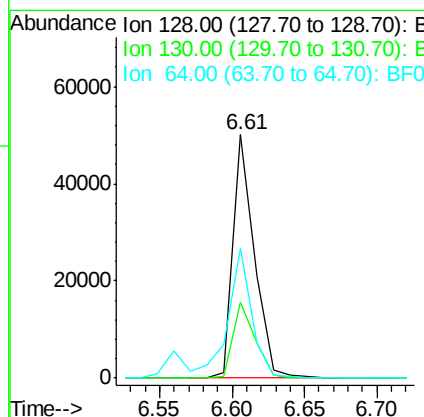
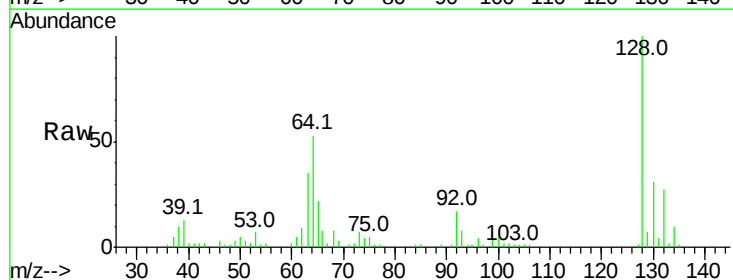
RT: 6.61 min Scan# 391

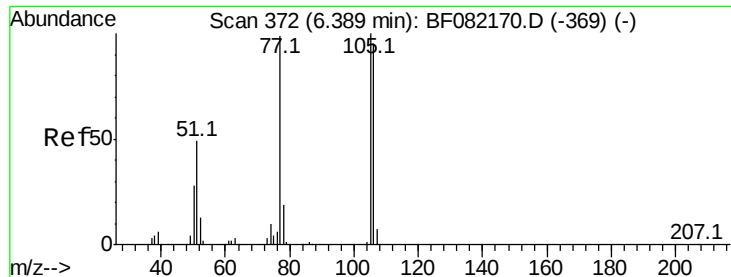
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	128	Resp:	51057
Ion Ratio	Lower	Upper	
128	100		
130	31.3	12.6	52.6
64	53.2	16.7	56.7





#9

Benzaldehyde

Concen: 38.75 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

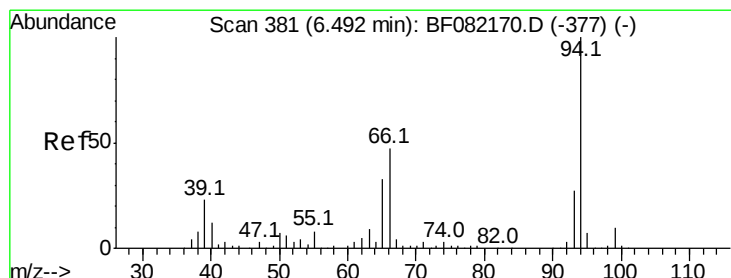
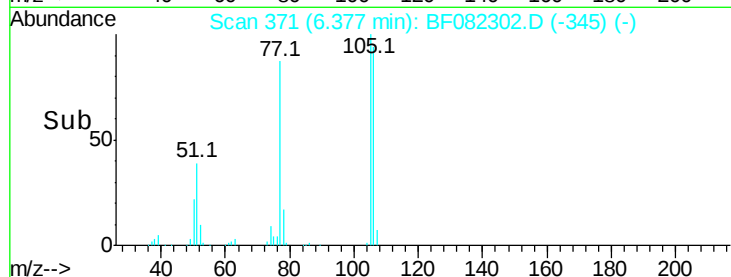
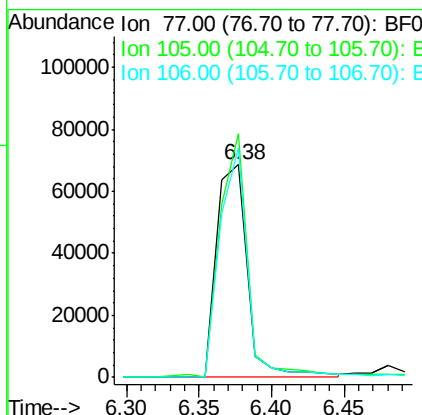
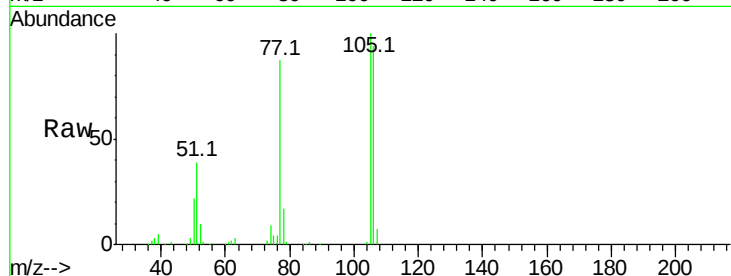
ClientSampleId :

LF-1MSD

Manual Integrations
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Tot Ion:	77	Resp:	101281
Ion Ratio	Lower	Upper	
77	100		
105	114.5	80.6	120.6
106	107.7	75.5	115.5



#10

Phenol

Concen: 29.39 ng

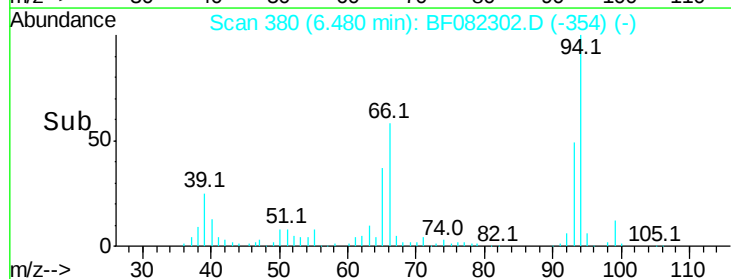
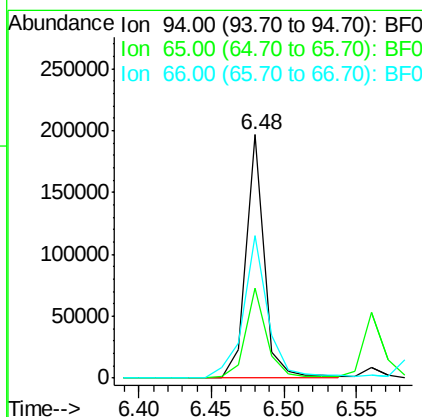
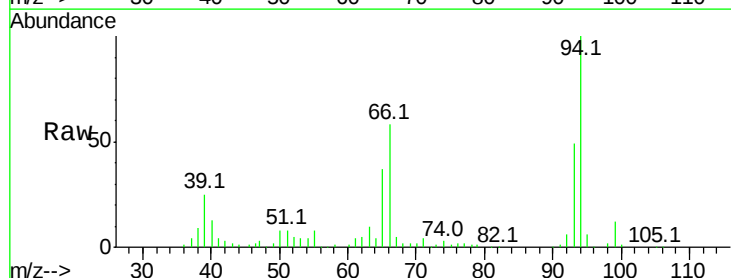
RT: 6.48 min Scan# 380

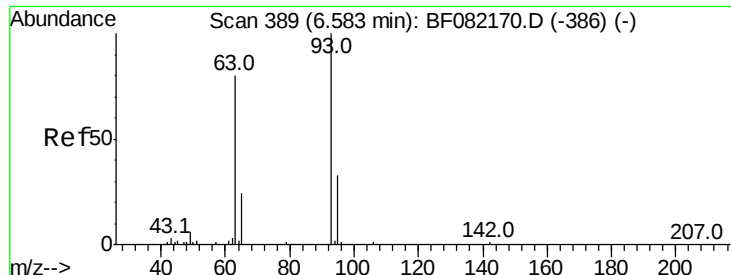
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	94	Resp:	173418
Ion Ratio	Lower	Upper	
94	100		
65	36.9	12.6	52.6
66	58.3	27.3	67.3





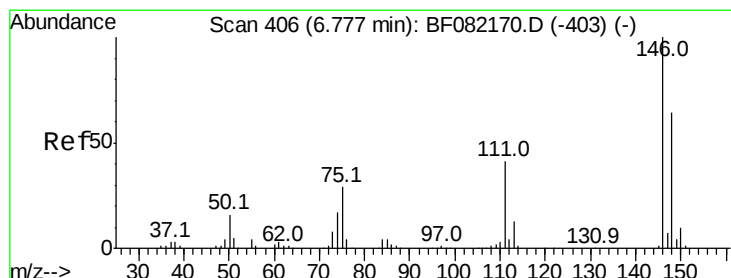
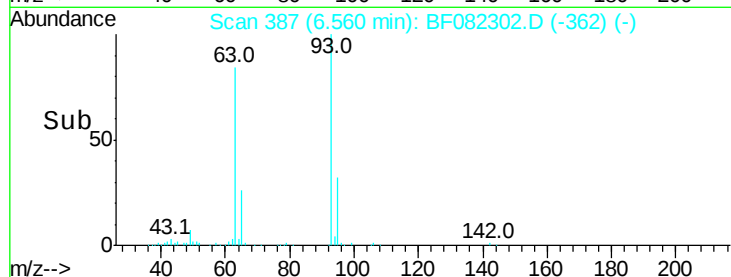
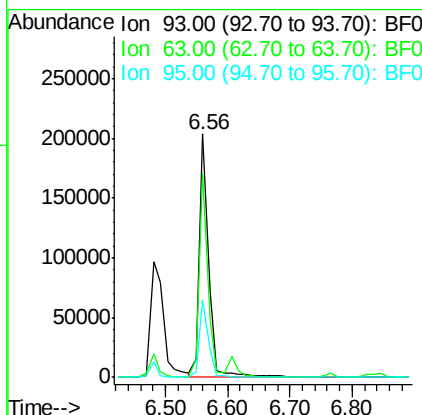
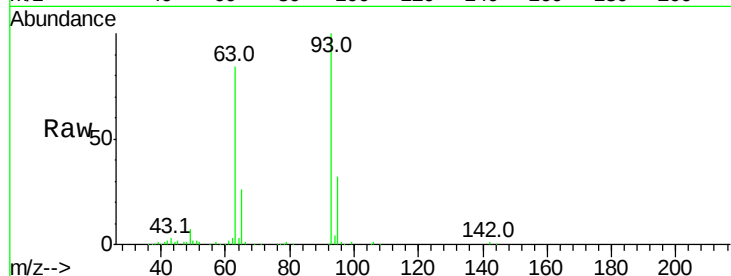
#11
bis(2-Chloroethyl)ether
Concen: 43.19 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion:	93	Resp:	215545
Ion Ratio	Lower	Upper	
93	100		
63	83.7	57.1	97.1
95	31.9	11.9	51.9

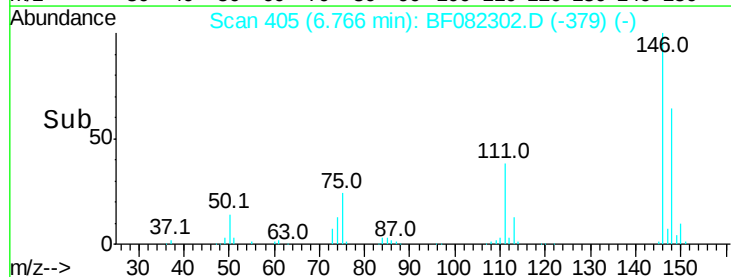
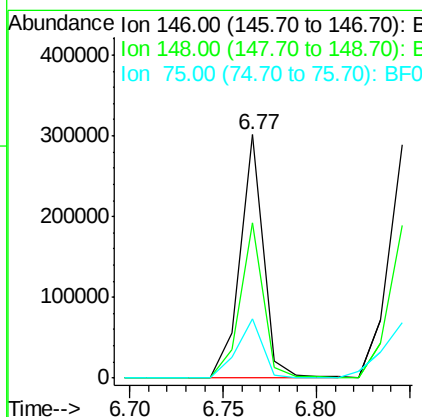
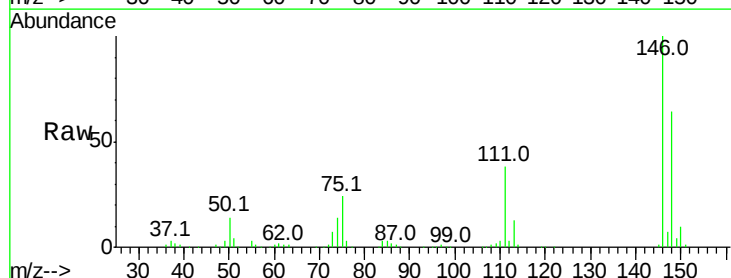
Manual Integrations
APPROVED

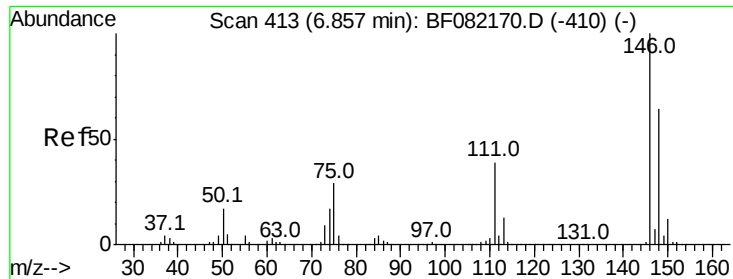
MMdadoda
10/16/2015 4:15:49 PM



#12
1,3-Dichlorobenzene
Concen: 47.39 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion:	146	Resp:	265008
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
75	24.3	23.0	34.6





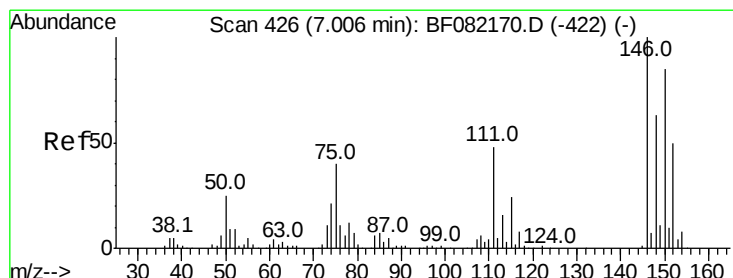
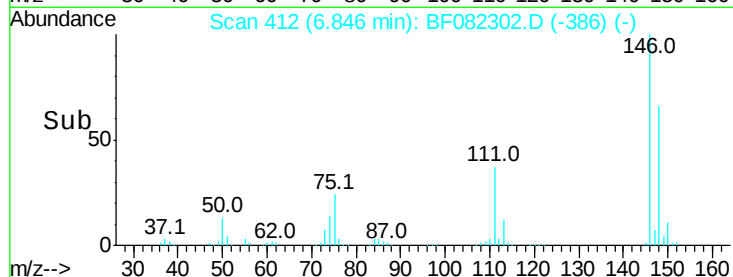
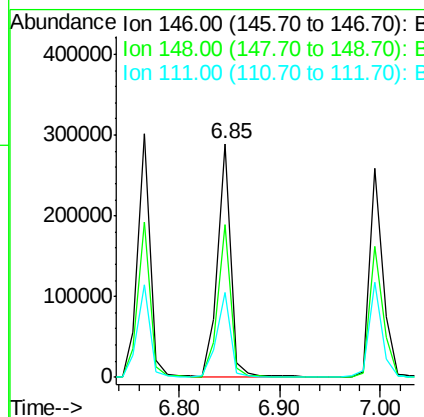
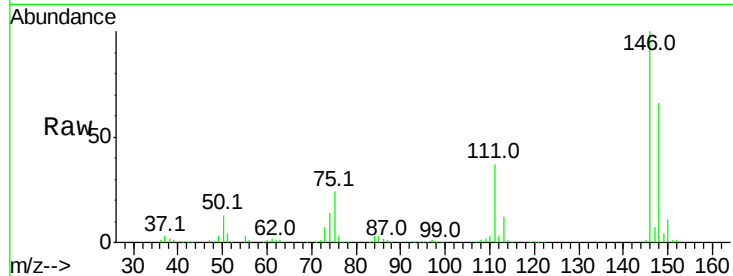
#13
 1,4-Dichlorobenzene
 Concen: 46.24 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	270008		
148	65.5		51.0	76.4
111	36.5		31.1	46.7

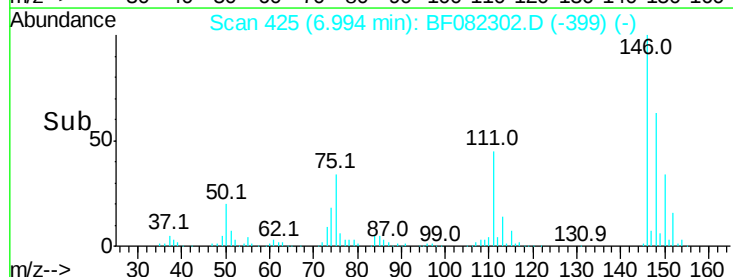
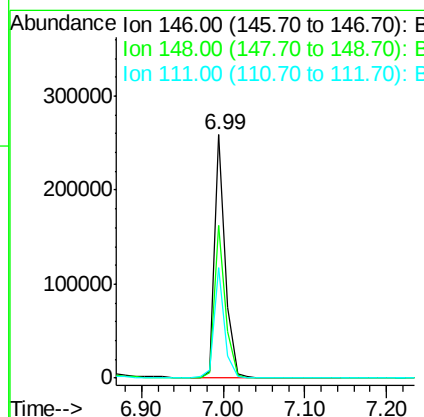
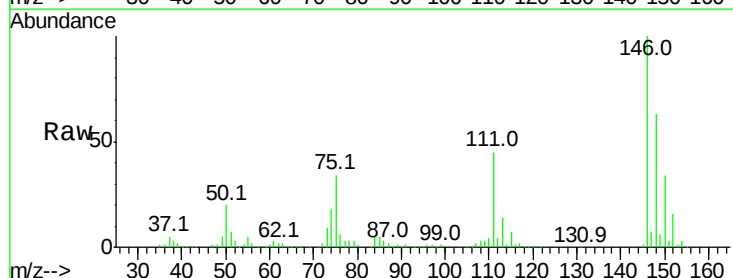
Manual Integrations
 APPROVED

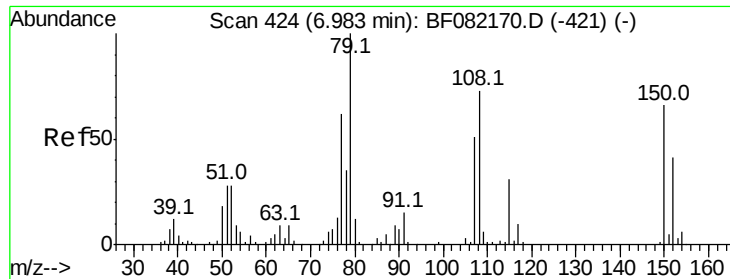
MMdadoda
 10/16/2015 4:15:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.16 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	239299		
148	62.8		50.5	75.7
111	45.3		38.5	57.7





#15

Benzyl Alcohol

Concen: 50.18 ng

RT: 6.97 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

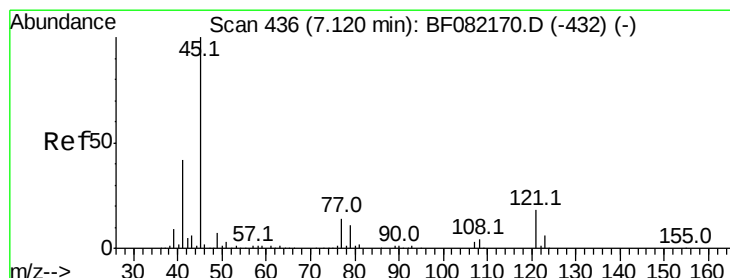
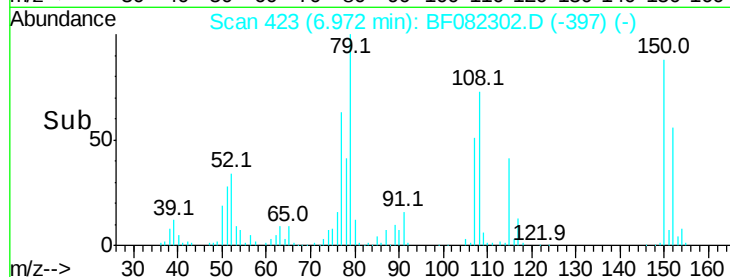
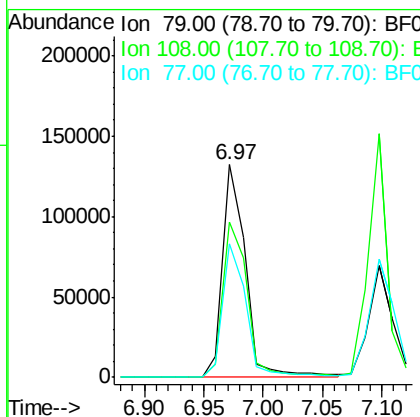
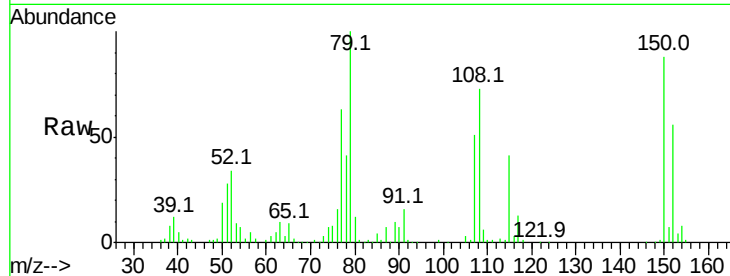
ClientSampleId :

LF-1MSD

Tot Ion:	79	Resp:	177312
Ion Ratio	Lower	Upper	
79	100		
108	73.4	58.4	87.6
77	62.9	49.8	74.6

Manual Integrations
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MMdadoda
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.01 ng

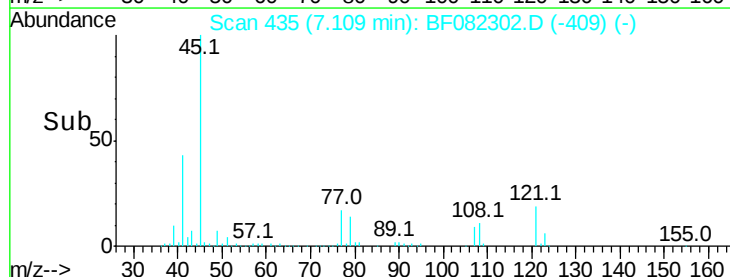
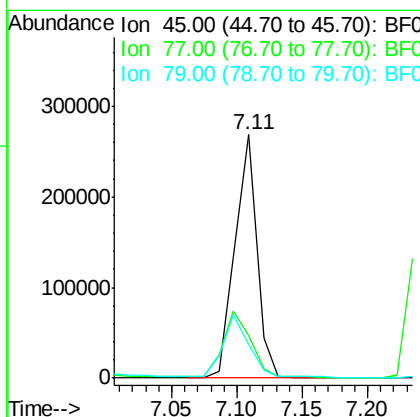
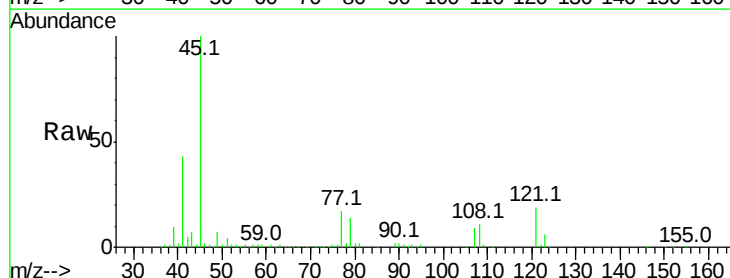
RT: 7.11 min Scan# 435

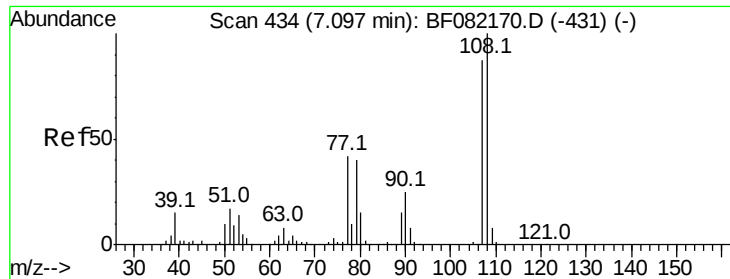
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	45	Resp:	312820
Ion Ratio	Lower	Upper	
45	100		
77	17.4	0.0	34.5
79	13.8	0.0	31.6





#17

2-Methylphenol

Concen: 39.09 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

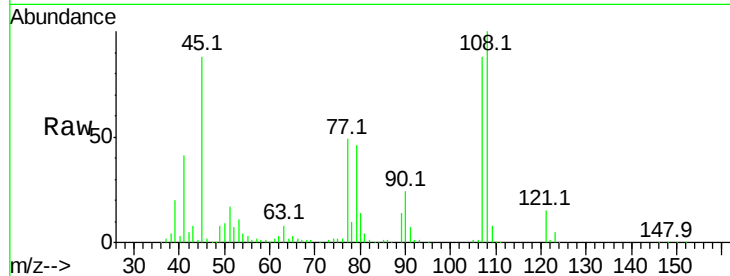
ClientSampleId :

LF-1MSD

Tot Ion:	107	Resp:	148433
Ion Ratio	Lower	Upper	
107	100		
108	113.5	92.2	138.2
77	55.1	39.6	59.4
79	52.0	38.2	57.4

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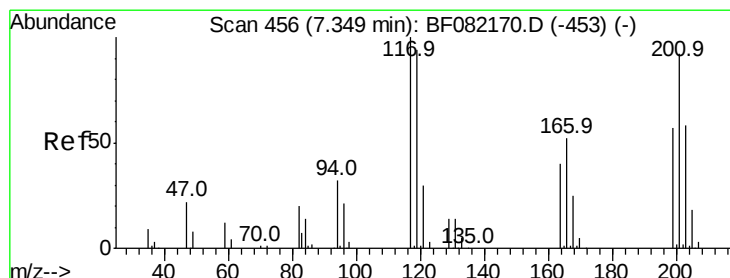
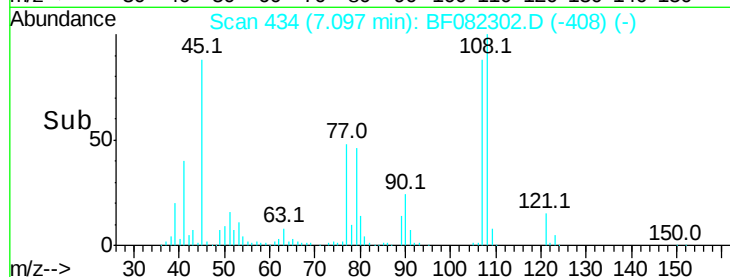
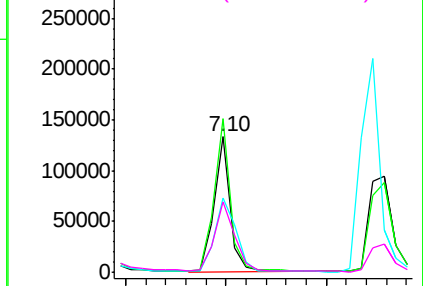


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 46.79 ng

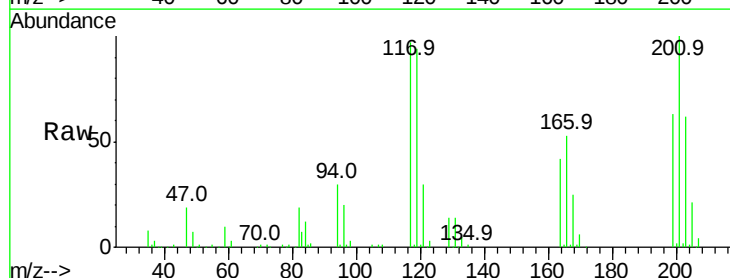
RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

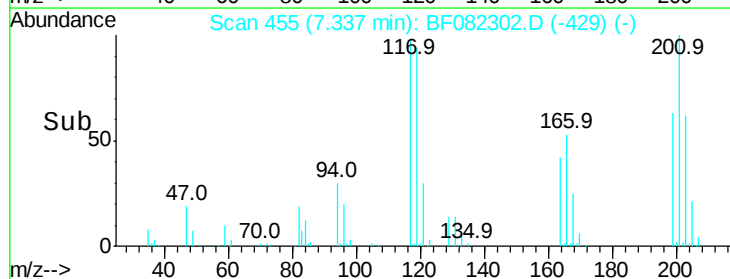
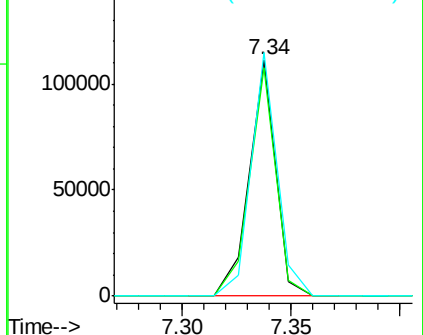
Tgt Ion:	117	Resp:	93524
Ion Ratio	Lower	Upper	
117	100		
119	96.7	75.4	113.2
201	103.1	73.4	110.0

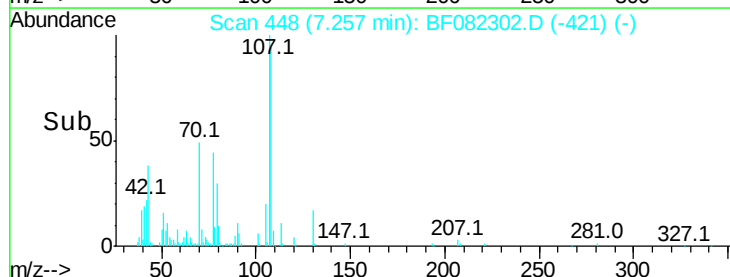
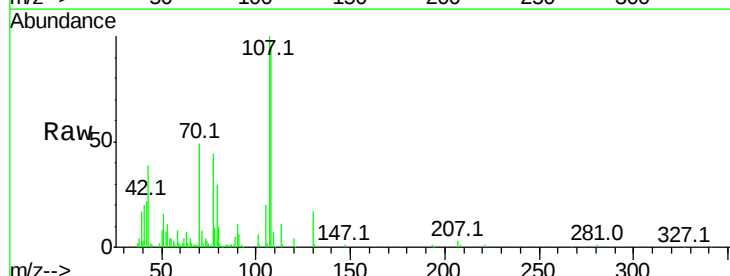
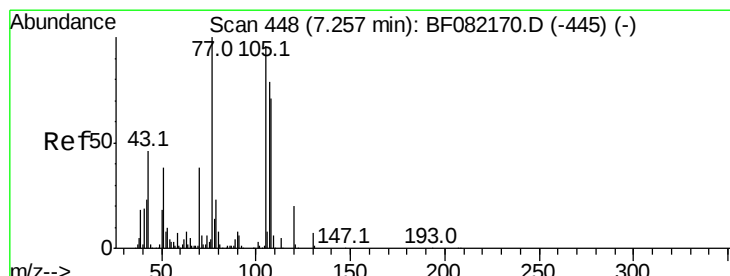
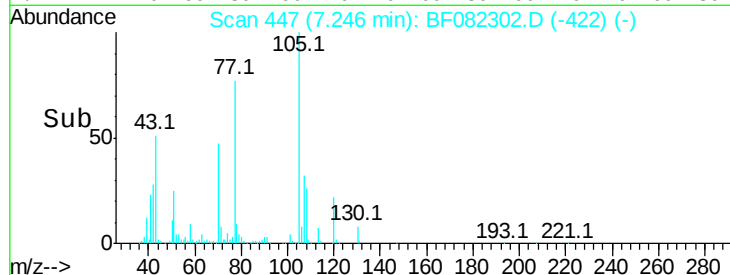
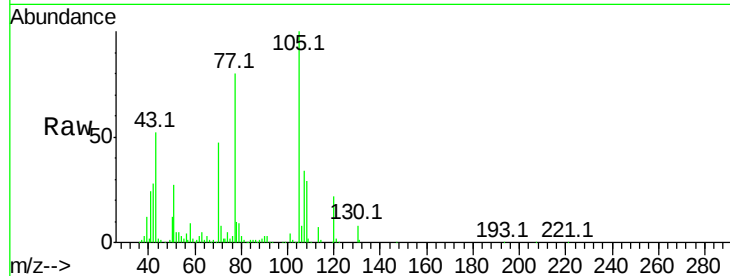
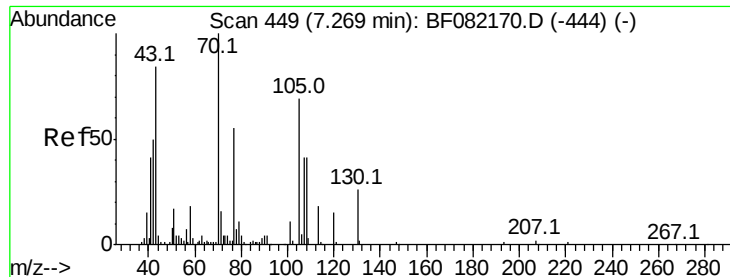


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





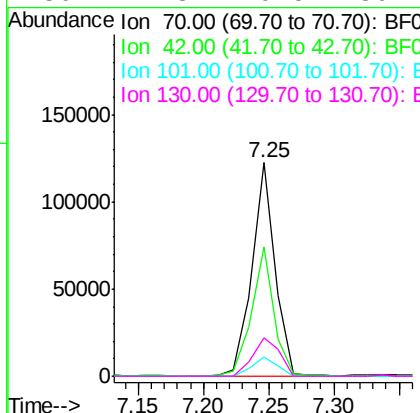
#19
n-Nitroso-di-n-propylamine
Concen: 42.15 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.7	39.8	59.8#		
101	9.1	8.6	13.0		
130	17.8	20.5	30.7#		

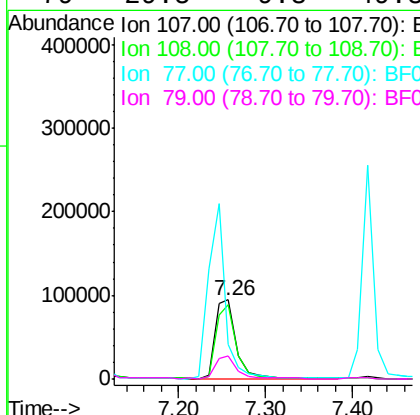
Manual Integrations
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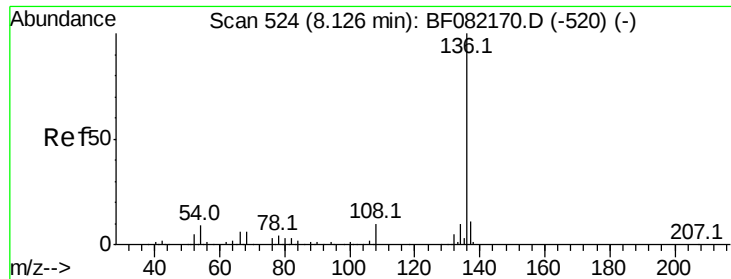
MMdadoda
10/16/2015 4:15:49 PM



#20
3+4-Methylphenols
Concen: 34.81 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	93.8	69.9	109.9		
77	44.1	106.0	146.0#		
79	29.5	9.8	49.8		





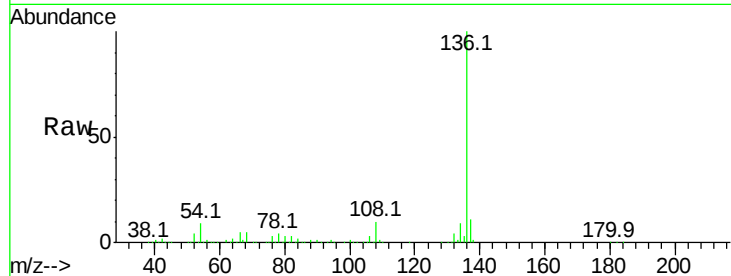
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		306838		
137	11.1	9.0	13.6		
54	8.7	7.5	11.3		
68	5.3	4.6	7.0		

Manual Integrations
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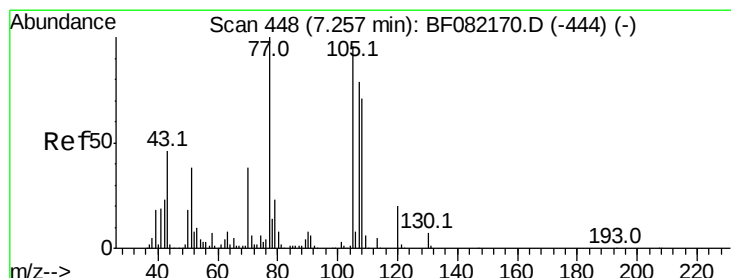
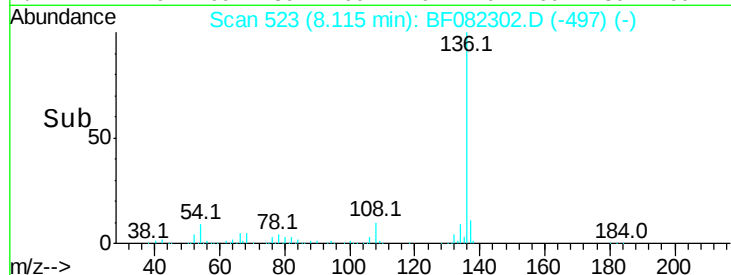
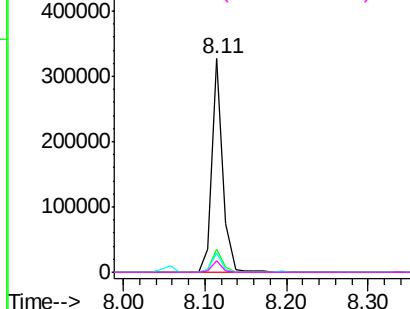


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 52.58 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

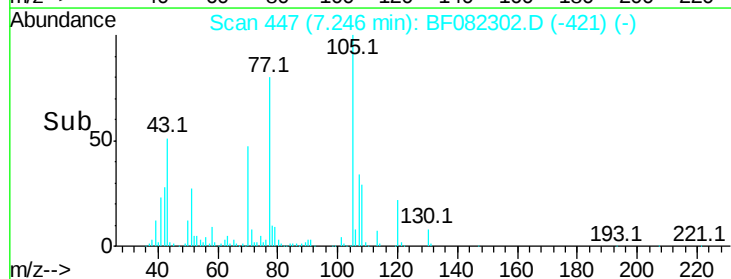
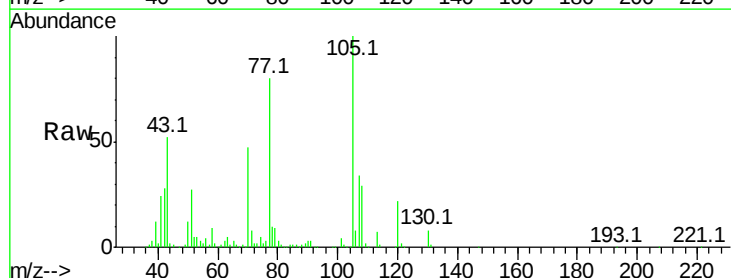
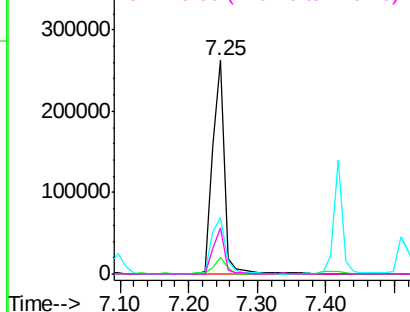
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		319153		
71	7.8	5.4	8.0		
51	26.7	31.8	47.6#		
120	21.7	16.3	24.5		

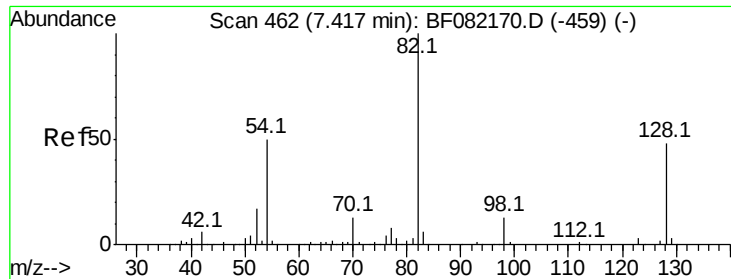
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





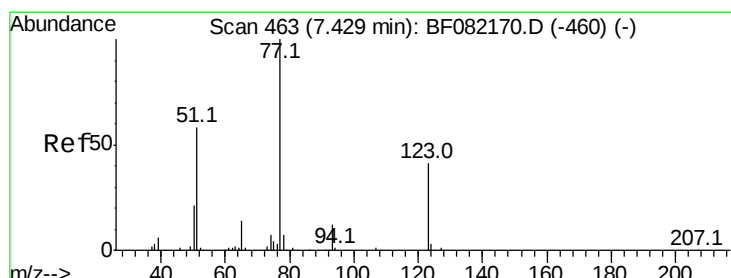
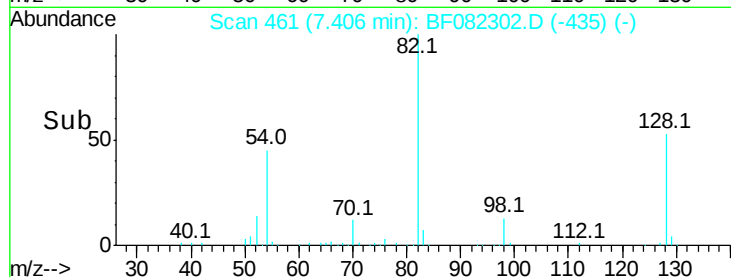
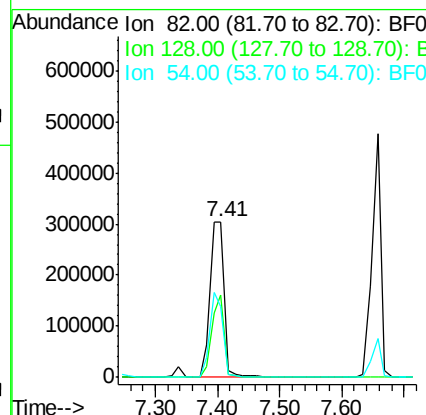
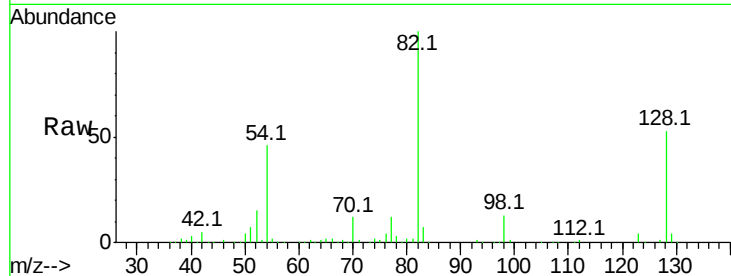
#23
 Nitrobenzene-d5
 Concen: 107.02 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	53.0	38.7	58.1
54	45.8	40.1	60.1

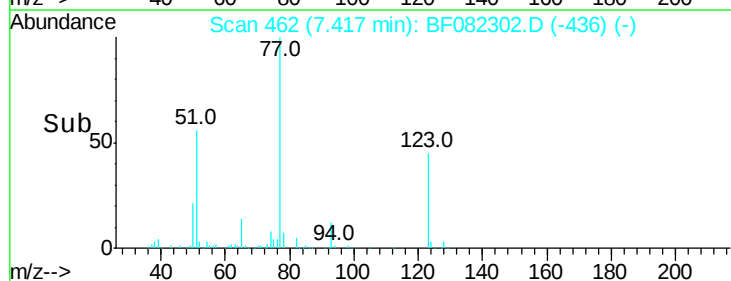
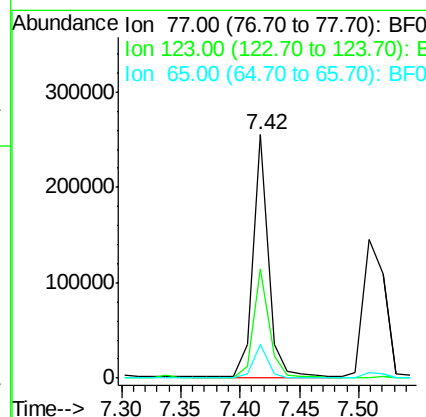
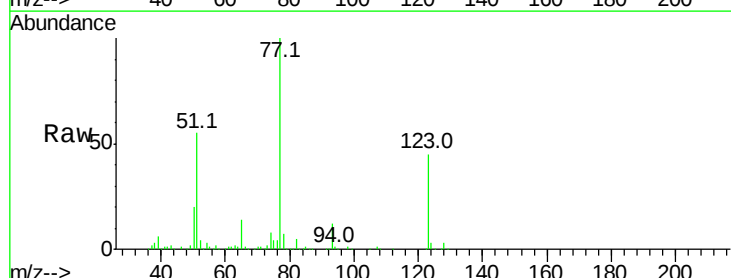
Manual Integrations
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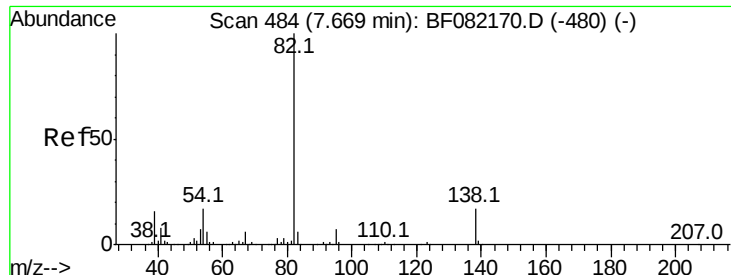
MMdadoda
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#24
 Nitrobenzene
 Concen: 47.10 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 50.15 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

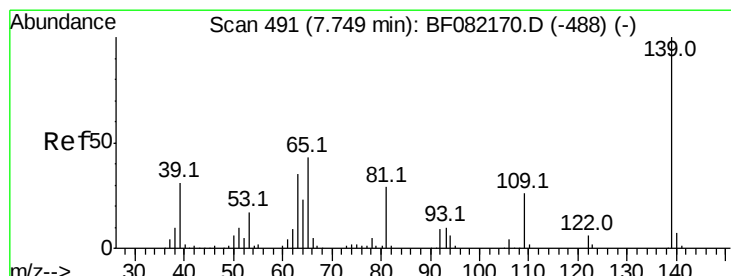
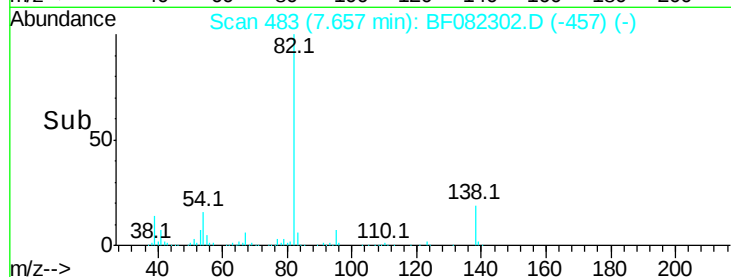
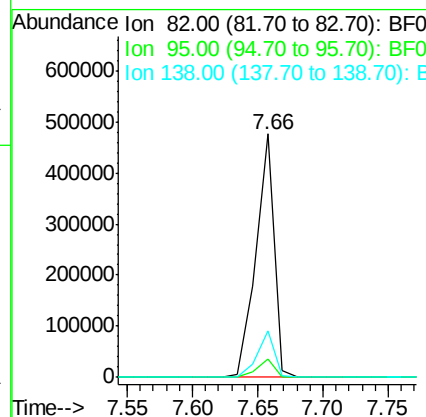
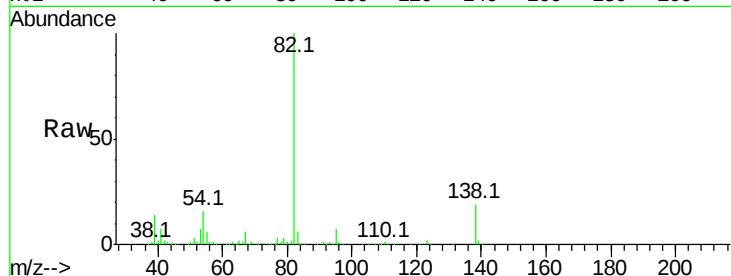
ClientSampleId :

LF-1MSD

Tot Ion:	82	Resp:	462436
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.6	8.4
138	19.1	13.6	20.4

Manual Integrations
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MMdadoda
10/16/2015 4:15:49 PM



#26

2-Nitrophenol

Concen: 2.77 ng

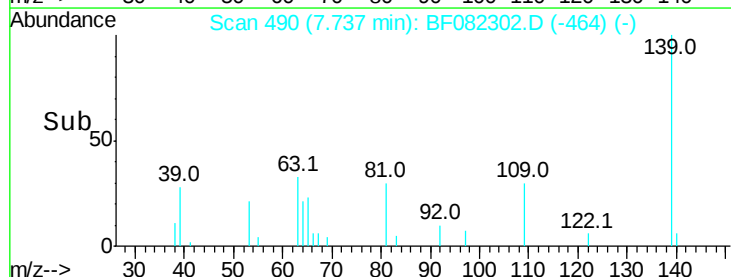
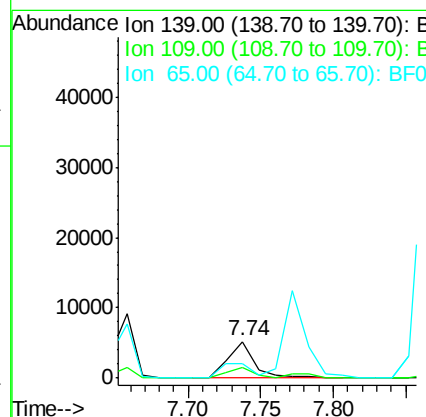
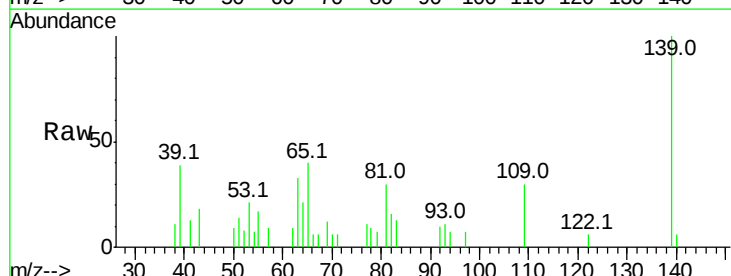
RT: 7.74 min Scan# 490

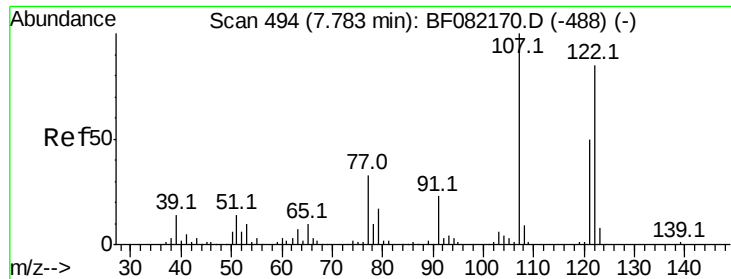
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	139	Resp:	6829
Ion Ratio	Lower	Upper	
139	100		
109	29.8	20.6	31.0
65	40.4	34.3	51.5





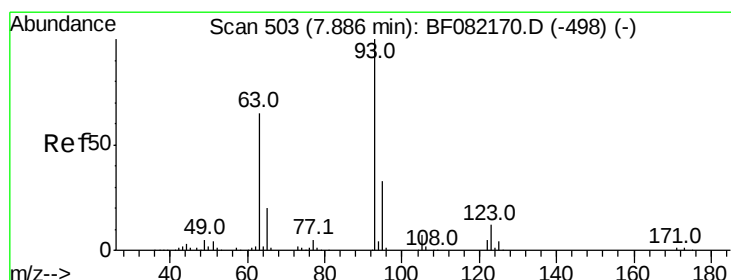
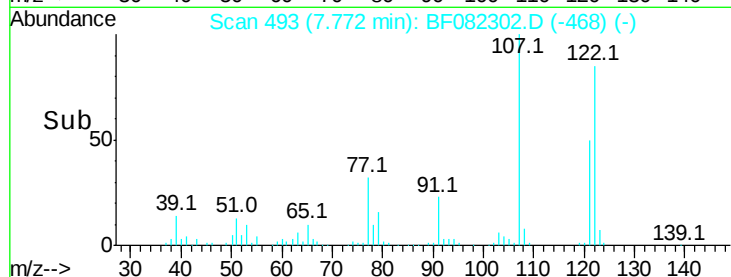
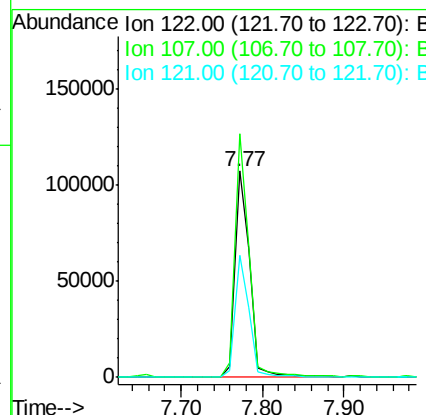
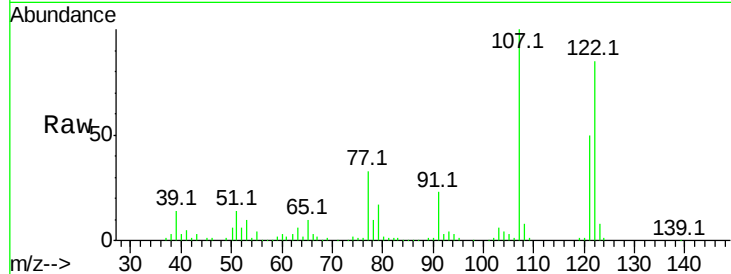
#27
2,4-Dimethylphenol
Concen: 33.47 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	133156		
107	118.1	94.0	141.0	
121	59.3	46.8	70.2	

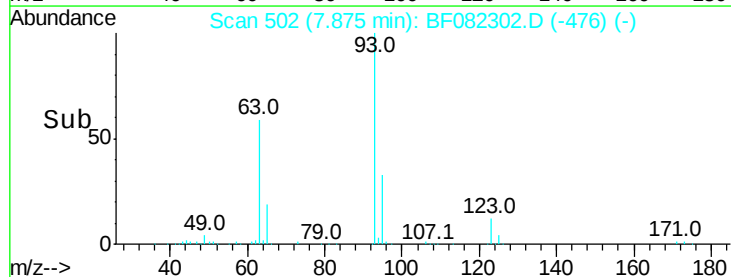
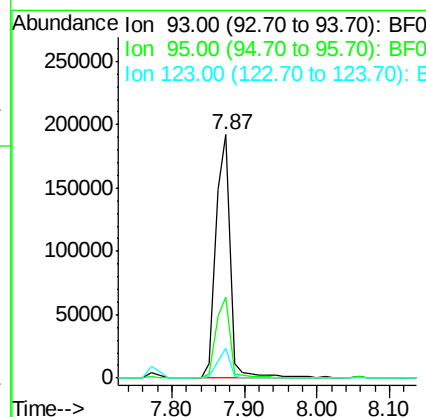
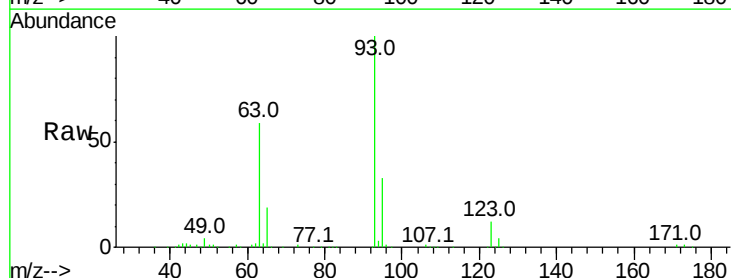
Manual Integrations
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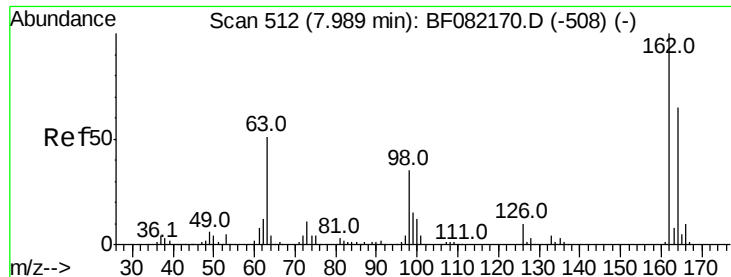
MMdadoda
10/16/2015 4:15:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.24 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	264222		
95	33.2	26.6	39.8	
123	12.0	9.5	14.3	





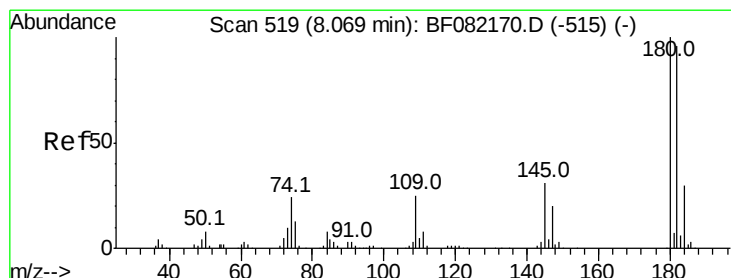
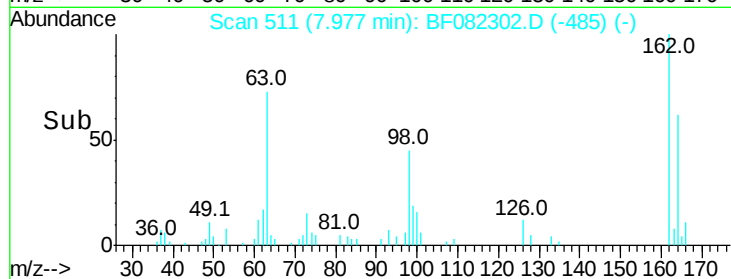
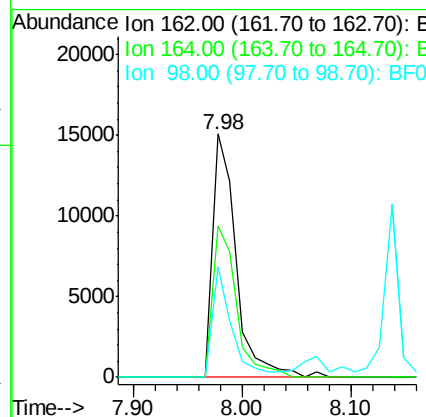
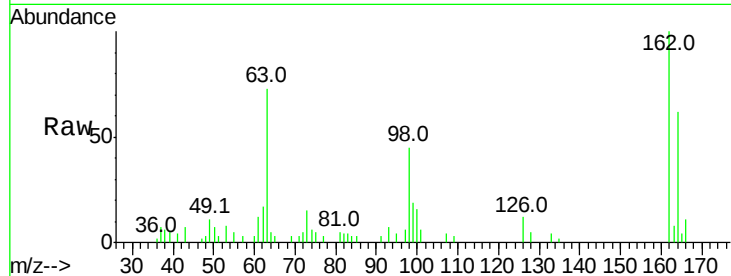
#29
 2,4-Dichlorophenol
 Concen: 5.76 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion:	162	Resp:	22894
Ion Ratio	Lower	Upper	
162	100		
164	62.3	44.6	84.6
98	45.4	15.0	55.0

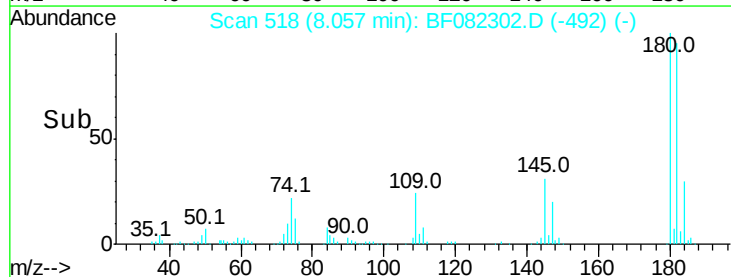
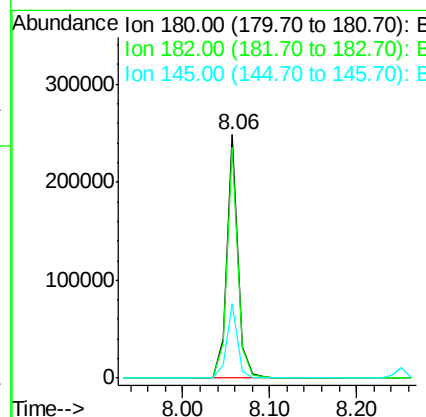
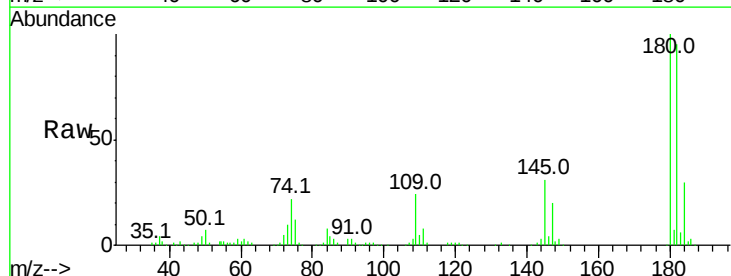
Manual Integrations
 APPROVED

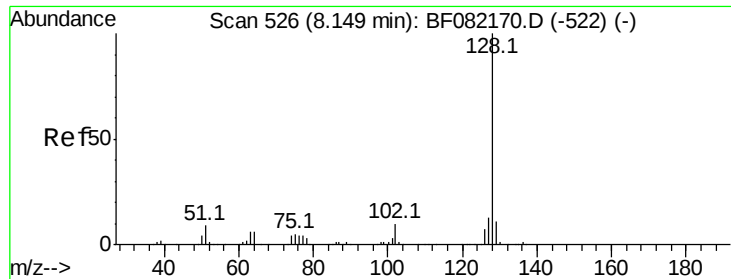
MMdadoda
 10/16/2015 4:15:49 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 49.26 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion:	180	Resp:	225837
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.0	115.4
145	30.7	25.0	37.4





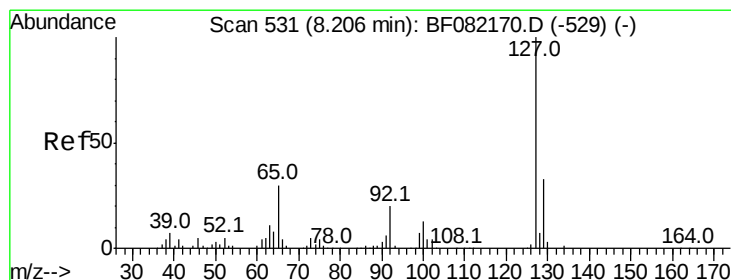
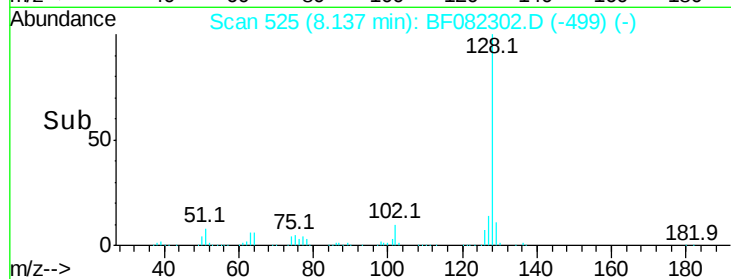
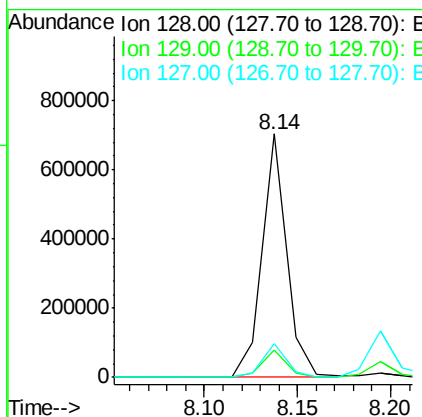
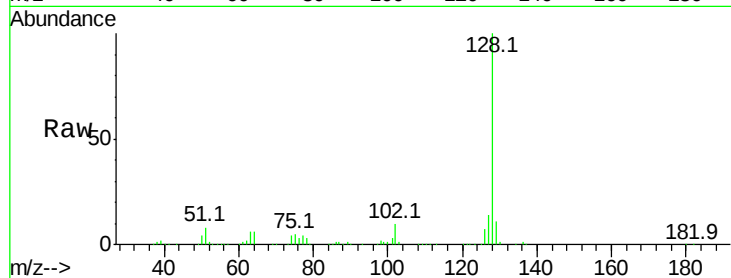
#31
Naphthalene
Concen: 48.30 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	642381		
129	11.5		9.1	13.7
127	13.7		10.7	16.1

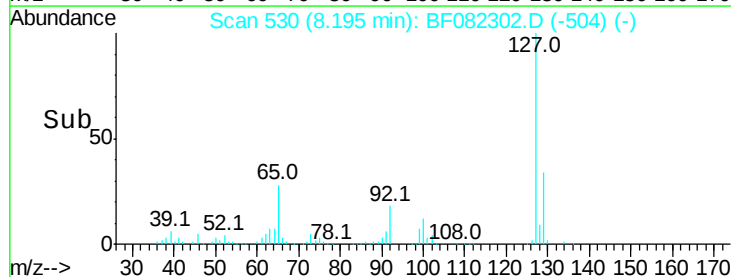
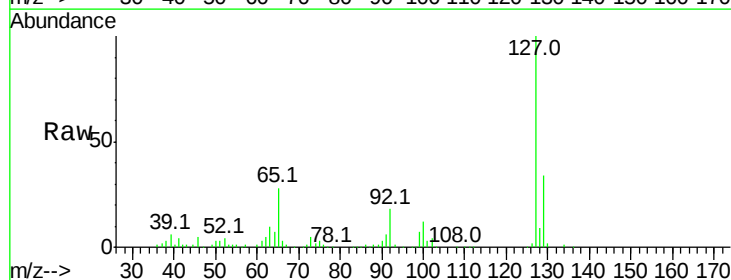
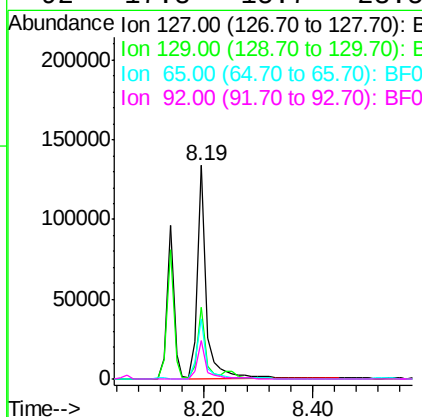
Manual Integrations
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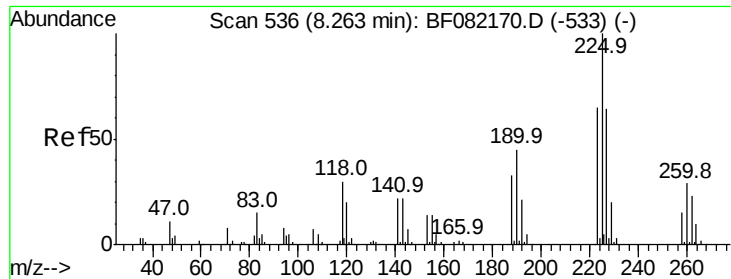
MMdadoda
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#33
4-Chloroaniline
Concen: 27.60 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	152448		
129	33.7		26.3	39.5
65	28.4		24.4	36.6
92	17.8		15.7	23.5





#34

Hexachlorobutadiene

Concen: 49.41 ng

RT: 8.25 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

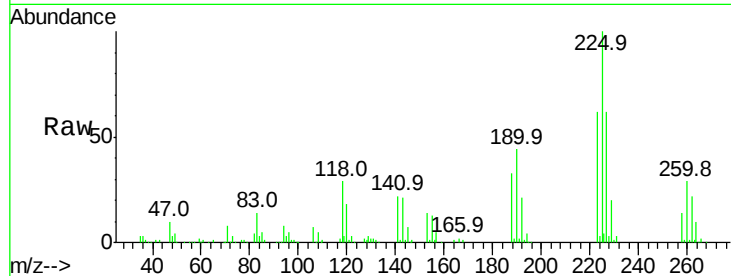
ClientSampleId :

LF-1MSD

Tot Ion:	225	Resp:	141140
Ion Ratio	Lower	Upper	
225	100		
223	62.2	52.2	78.2
227	62.5	51.3	76.9

Manual Integrations
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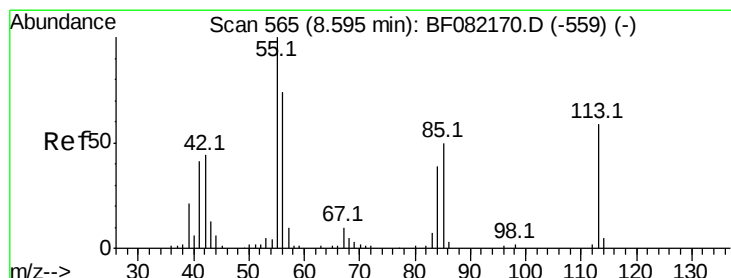
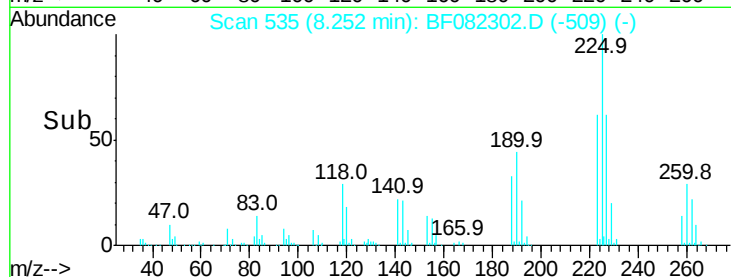
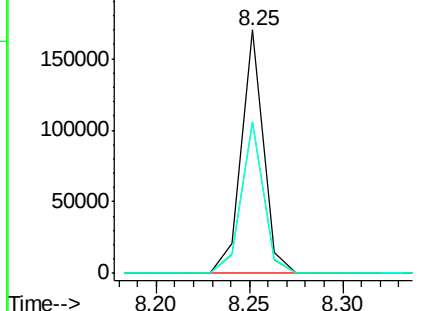
MMdadoda
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Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 48.06 ng

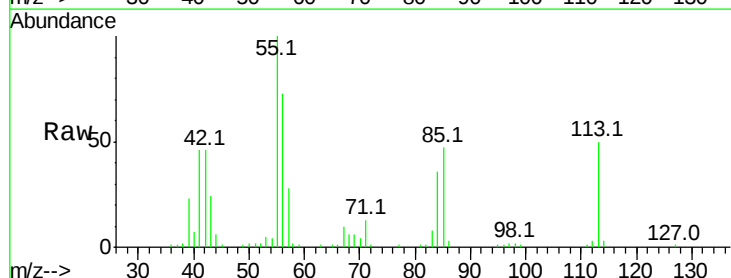
RT: 8.54 min Scan# 560

Delta R.T. -0.05 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

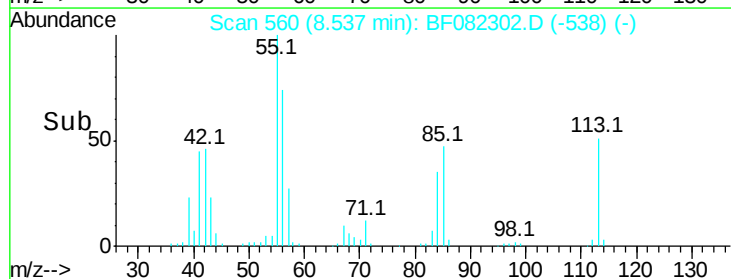
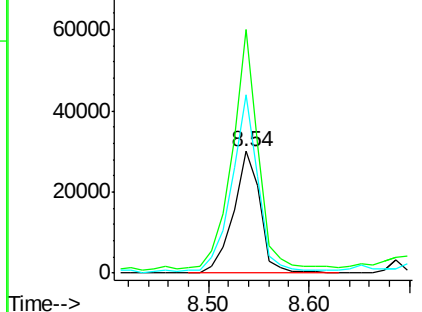
Tgt Ion:	113	Resp:	55471
Ion Ratio	Lower	Upper	
113	100		
55	199.7	149.7	189.7#
56	146.2	105.4	145.4#

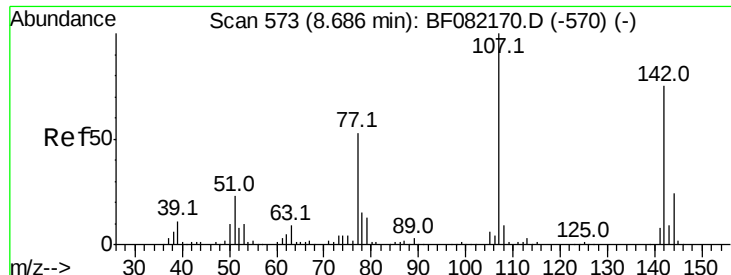


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





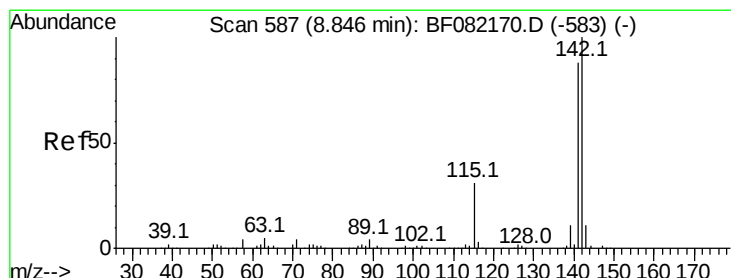
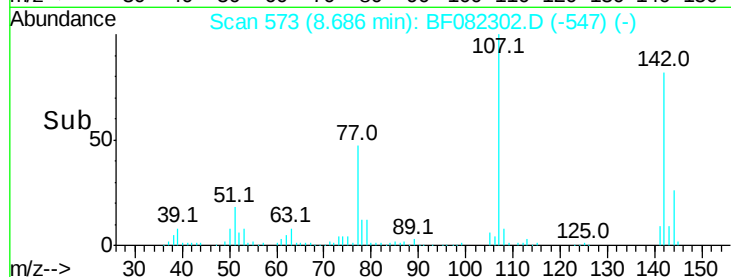
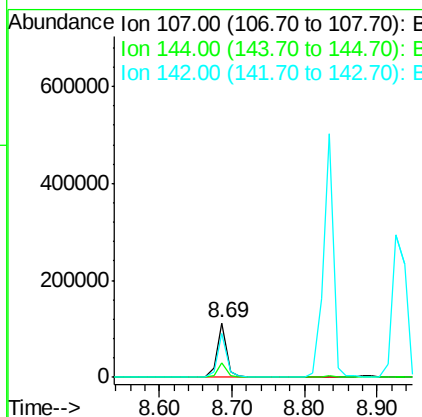
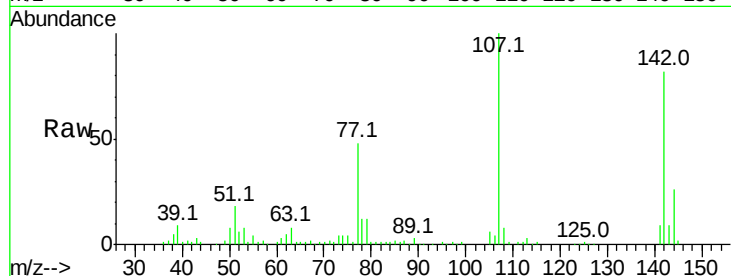
#36
 4-Chloro-3-methylphenol
 Concen: 27.34 ng
 RT: 8.69 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	106320		
144	26.0	19.3	28.9	
142	82.0	59.9	89.9	

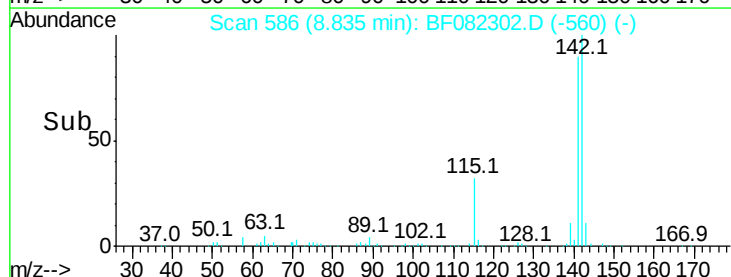
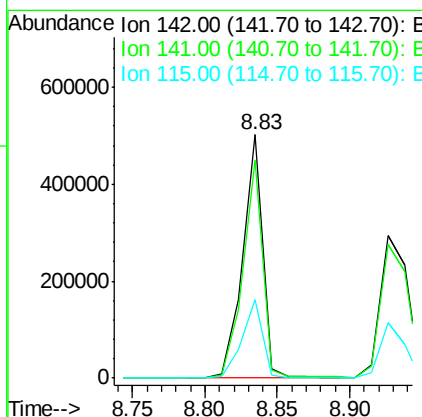
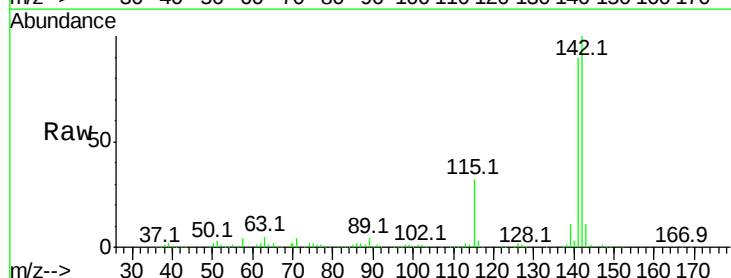
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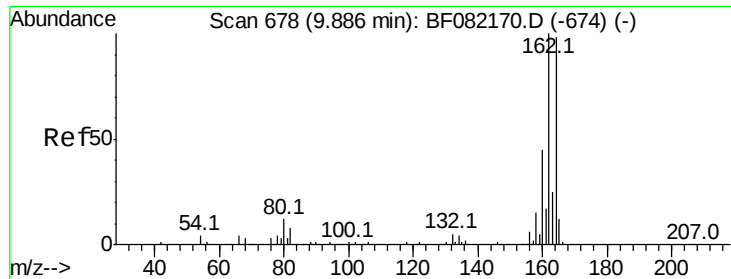
MMdadoda
 10/16/2015 4:15:49 PM



#37
 2-Methylnaphthalene
 Concen: 52.13 ng
 RT: 8.83 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	480647		
141	89.8	70.4	105.6	
115	32.4	24.6	37.0	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

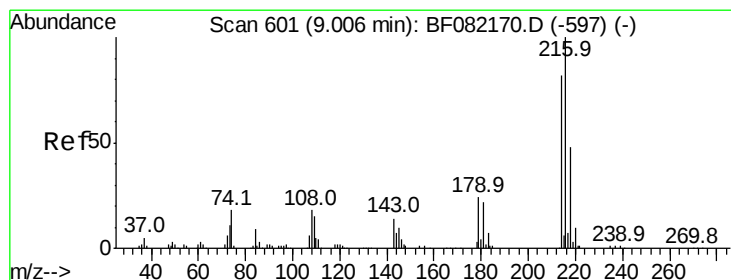
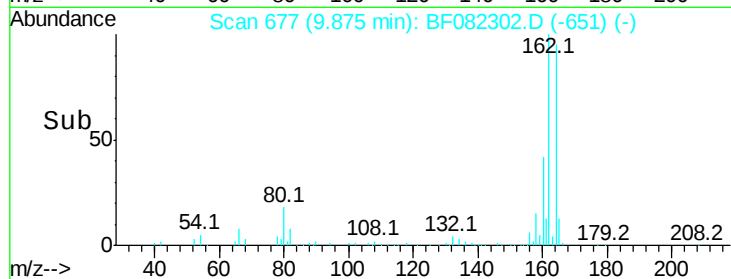
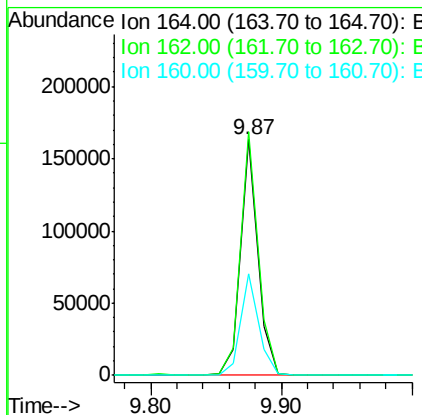
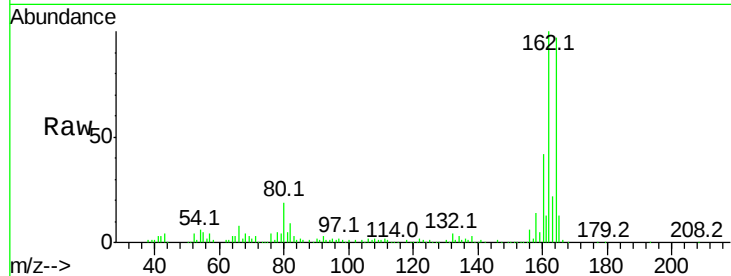
ClientSampleId :

LF-1MSD

Tot Ion:	164	Resp:	149933
Ion Ratio	Lower	Upper	
164	100		
162	103.4	81.6	122.4
160	43.1	36.4	54.6

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.04 ng

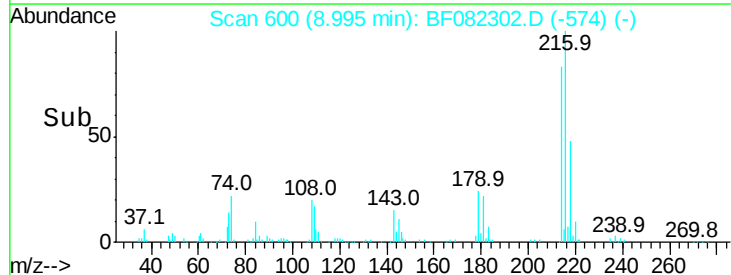
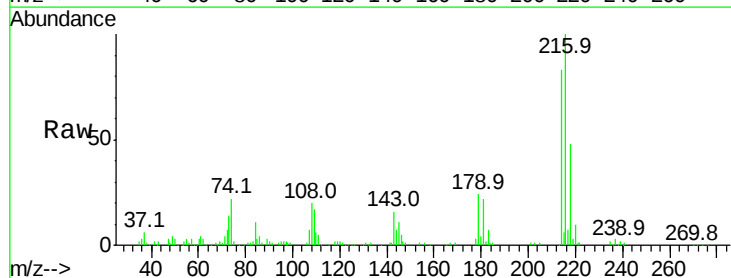
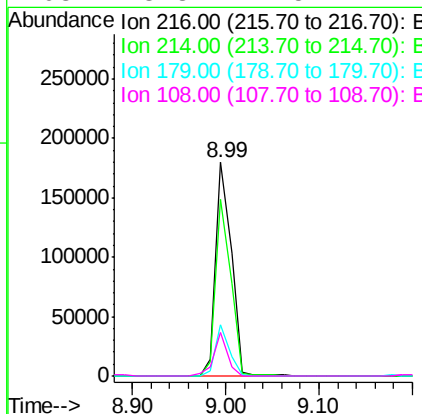
RT: 8.99 min Scan# 600

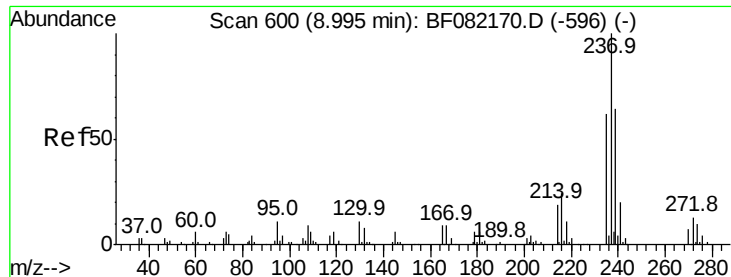
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	216	Resp:	209758
Ion Ratio	Lower	Upper	
216	100		
214	80.0	64.6	97.0
179	21.2	17.6	26.4
108	18.3	14.5	21.7





#40

Hexachlorocyclopentadiene

Concen: 59.70 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

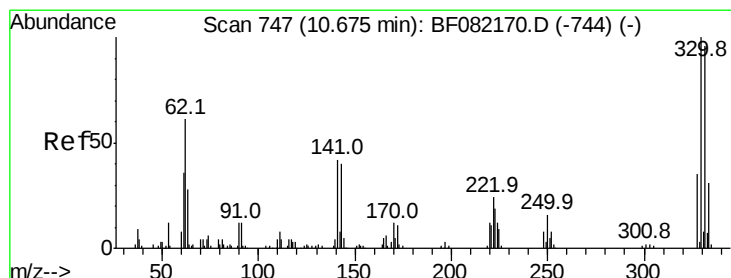
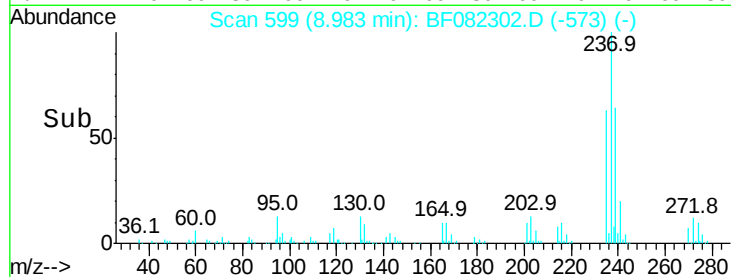
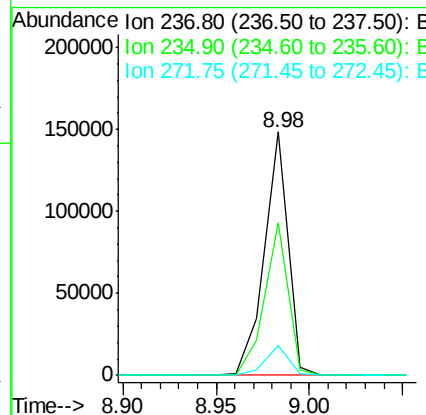
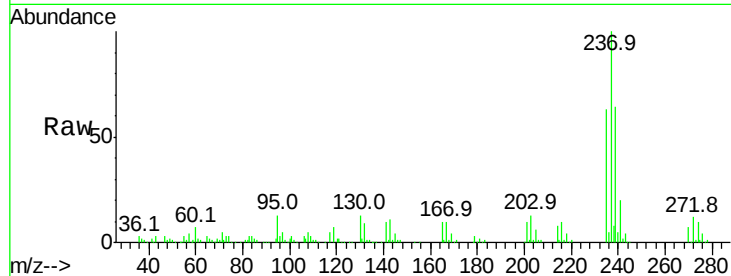
ClientSampleId :

LF-1MSD

Tot Ion:	237	Resp:	129414
Ion Ratio	Lower	Upper	
237	100		
235	62.6	41.7	81.7
272	12.2	0.0	32.8

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#41

2,4,6-Tribromophenol

Concen: 3.92 ng

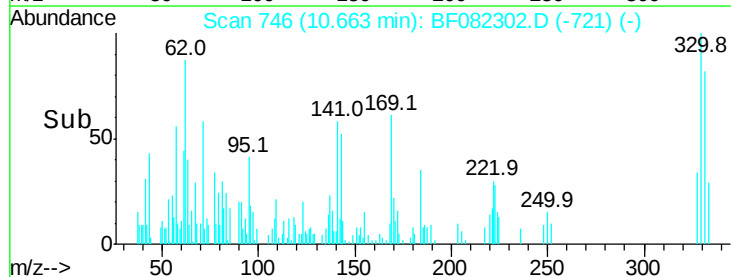
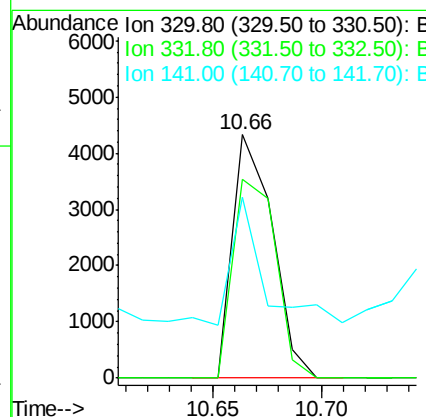
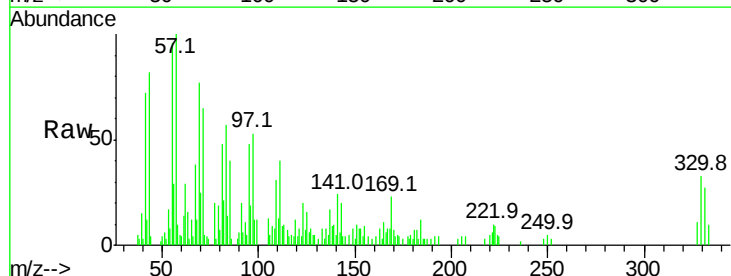
RT: 10.66 min Scan# 746

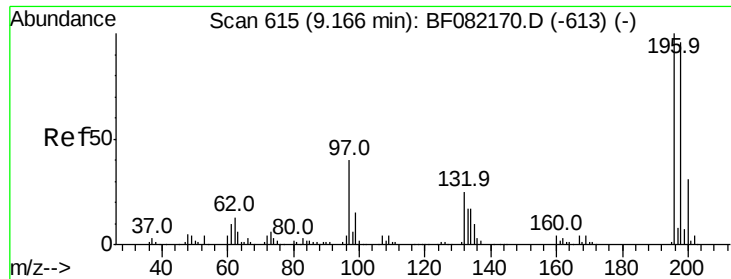
Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	330	Resp:	5513
Ion Ratio	Lower	Upper	
330	100		
332	87.9	77.1	115.7
141	0.0	29.8	44.8#





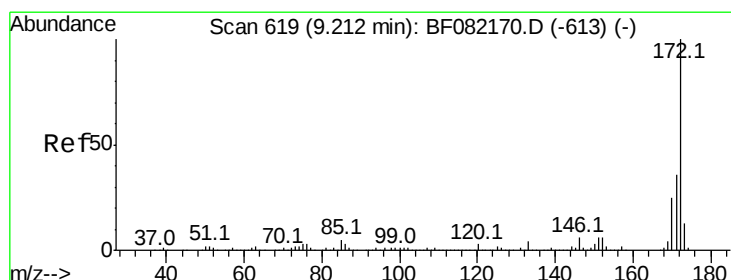
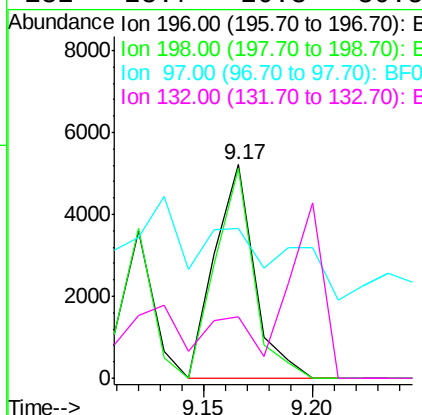
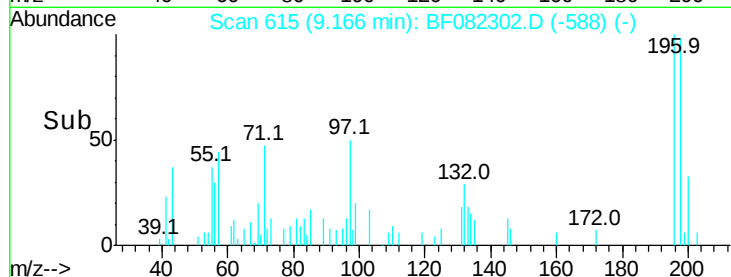
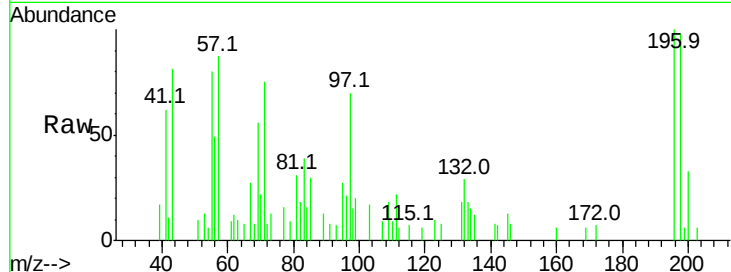
#43
 2,4,5-Trichlorophenol
 Concen: 2.07 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	6641		
198	98.4	77.0	115.4	
97	70.1	31.9	47.9	
132	28.7	20.3	30.5	

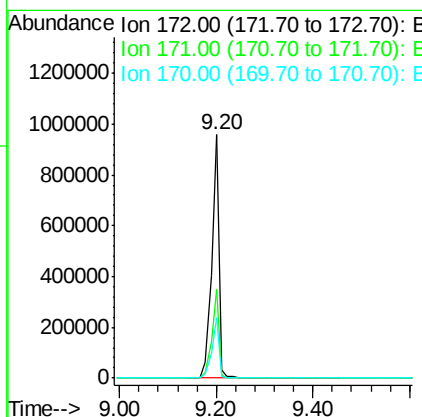
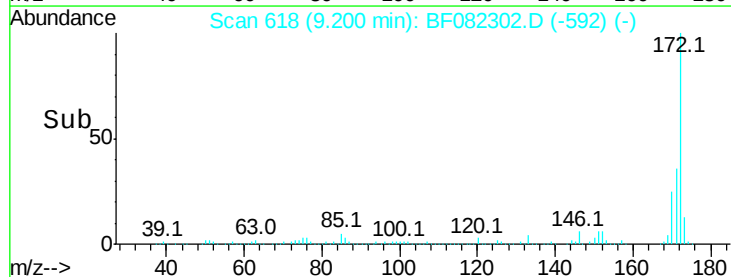
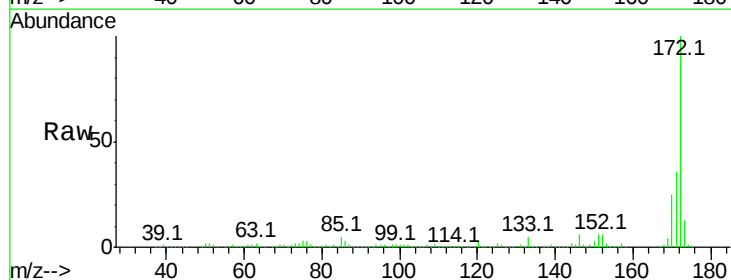
Manual Integrations
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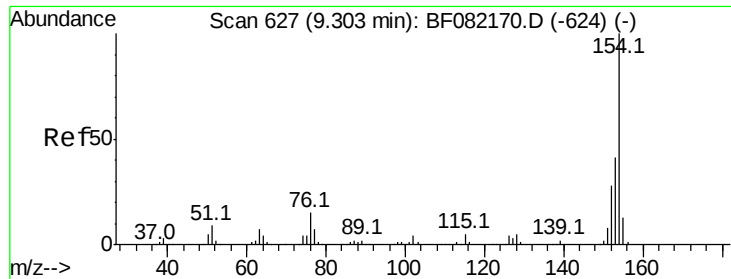
MMdadoda
 10/16/2015 4:15:49 PM



#44
 2-Fluorobiphenyl
 Concen: 112.84 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1020160		
171	36.2	28.6	42.8	
170	24.7	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 47.34 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

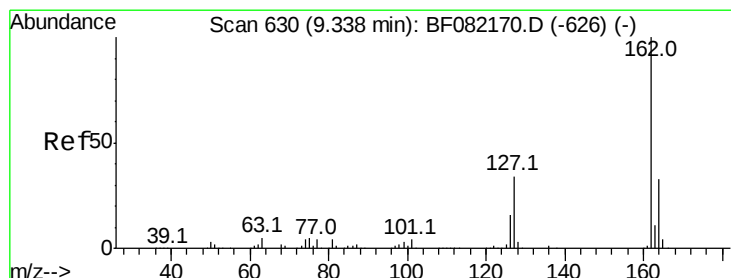
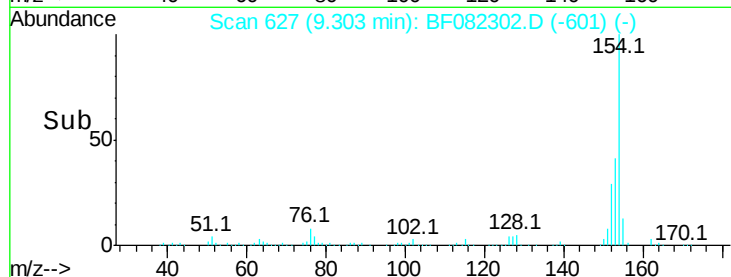
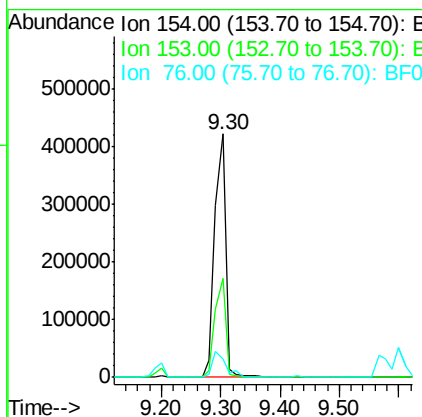
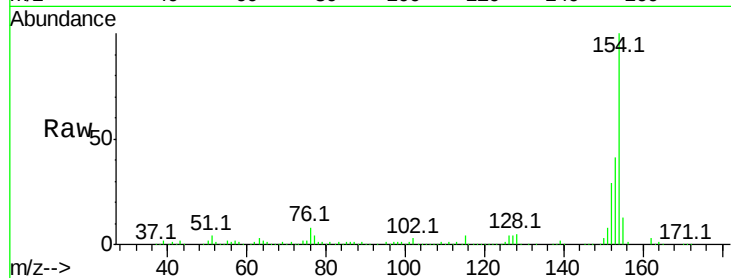
ClientSampled :

LF-1MSD

Tot Ion:	154	Resp:	541229
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.6	60.6
76	7.7	0.0	35.2

Manual Integrations
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#46

2-Chloronaphthalene

Concen: 51.57 ng

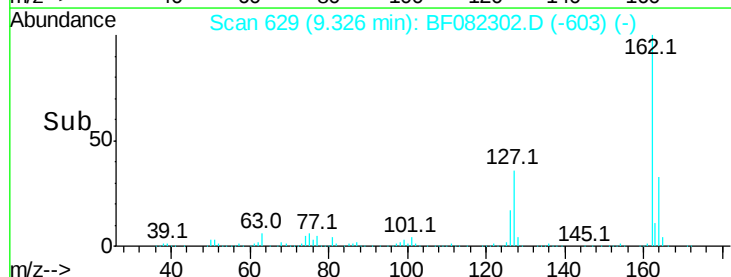
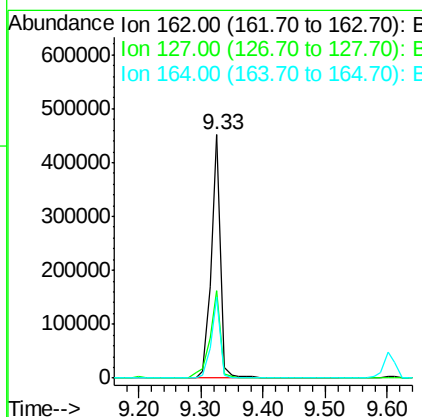
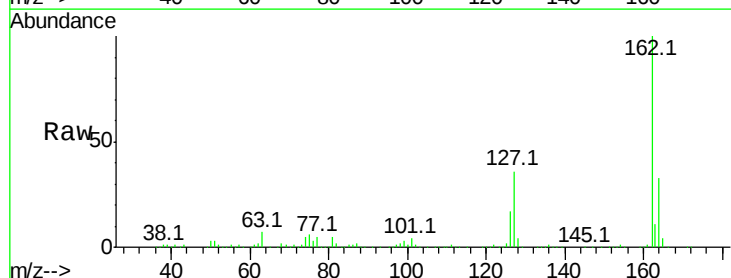
RT: 9.33 min Scan# 629

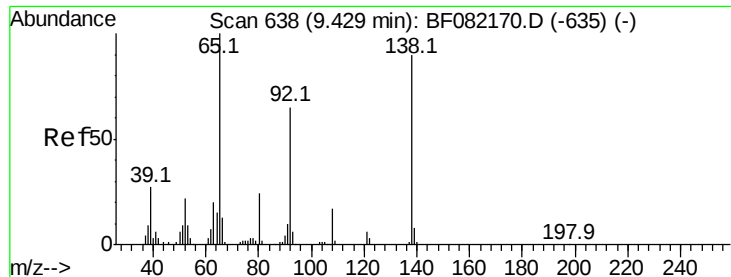
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	162	Resp:	464113
Ion Ratio	Lower	Upper	
162	100		
127	36.2	27.5	41.3
164	33.5	26.6	39.8





#47

2-Nitroaniline

Concen: 55.18 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

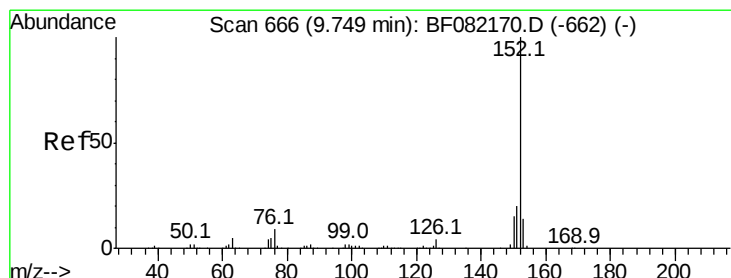
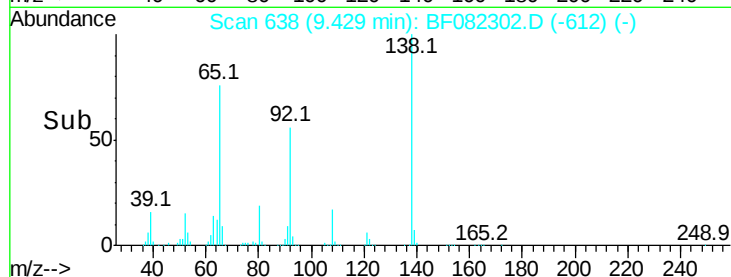
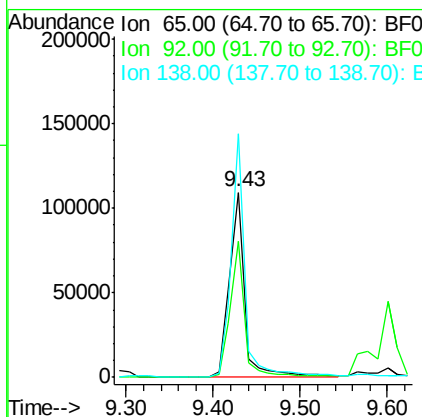
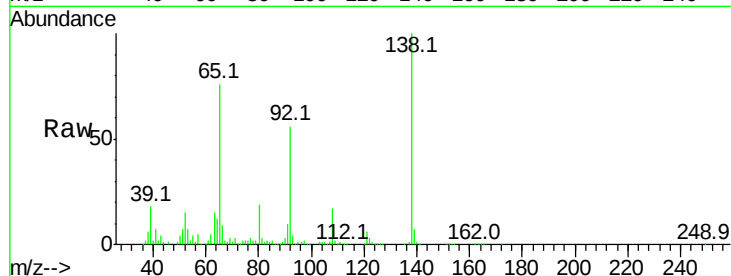
ClientSampleId :

LF-1MSD

Tot Ion:	65	Resp:	136346
Ion Ratio	Lower	Upper	
65	100		
92	73.2	52.3	78.5
138	131.4	72.2	108.4#

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#48

Acenaphthylene

Concen: 46.37 ng

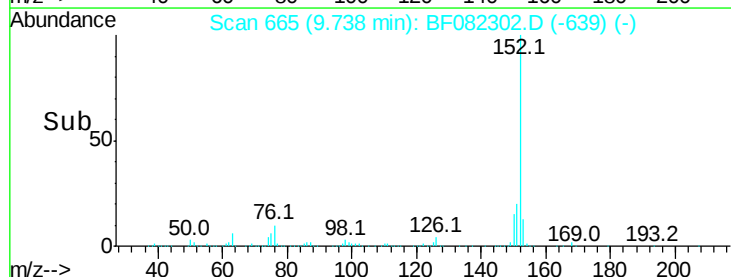
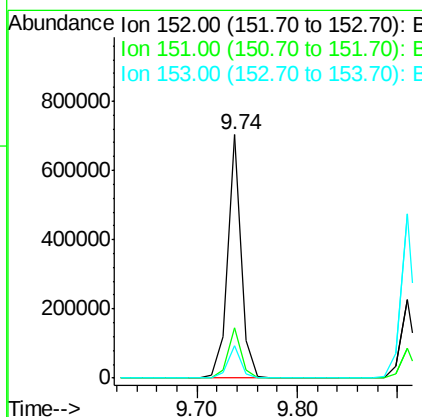
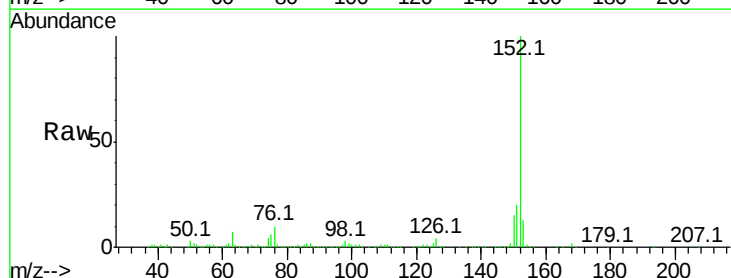
RT: 9.74 min Scan# 665

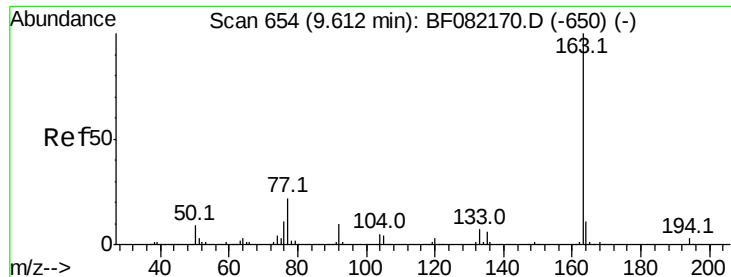
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	152	Resp:	650113
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.5	10.8	16.2





#49

Dimethylphthalate

Concen: 59.00 ng

RT: 9.60 min Scan# 653

Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

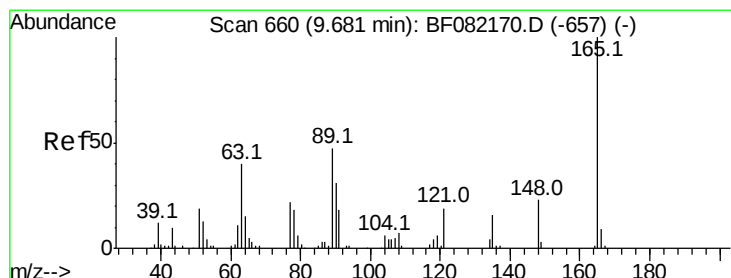
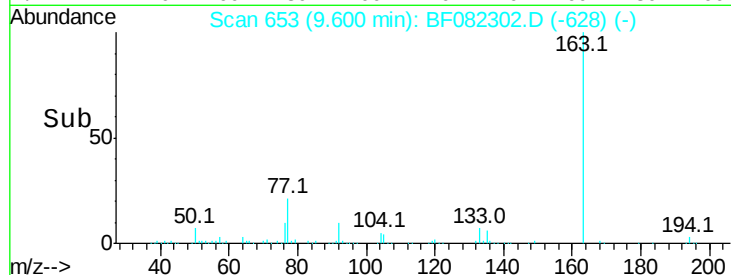
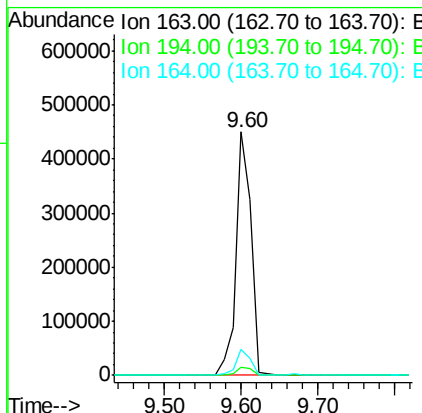
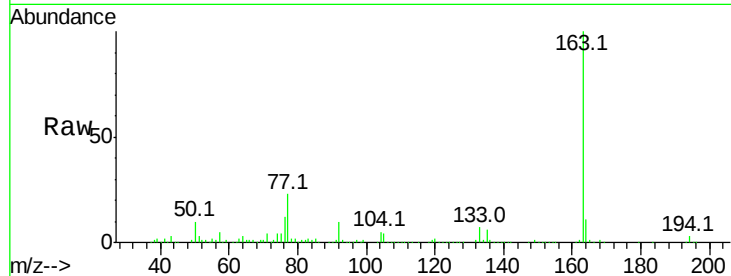
ClientSampleId :

LF-1MSD

Tot Ion:	163	Resp:	622908
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.6	4.0
164	10.8	8.5	12.7

Manual Integrations
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#50

2,6-Dinitrotoluene

Concen: 50.98 ng

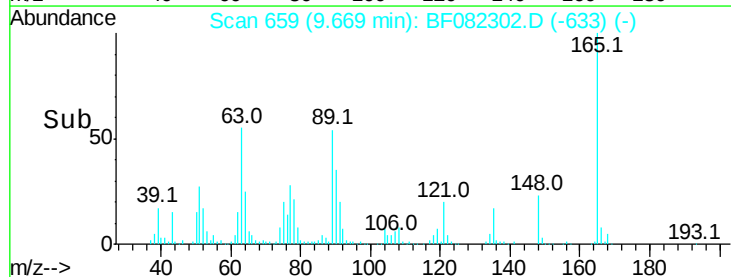
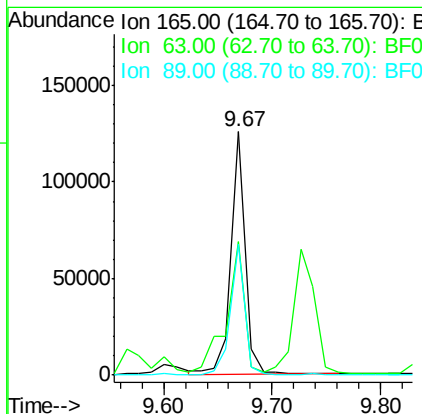
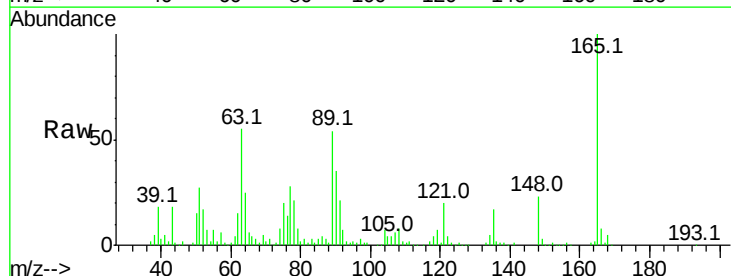
RT: 9.67 min Scan# 659

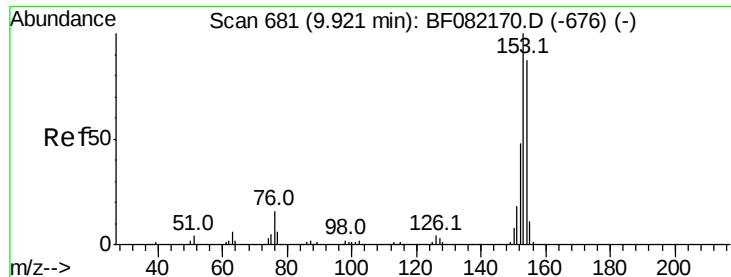
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	165	Resp:	113574
Ion Ratio	Lower	Upper	
165	100		
63	55.1	36.7	55.1
89	53.6	37.8	56.6





#51

Acenaphthene

Concen: 45.09 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

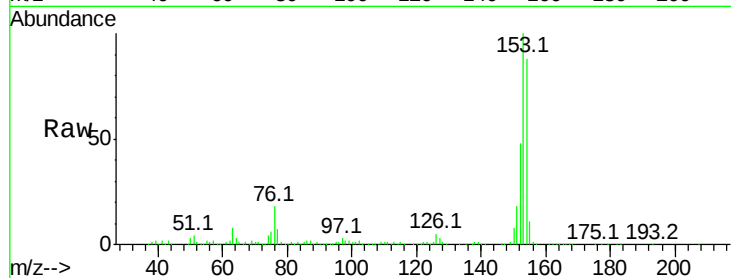
ClientSampleId :

LF-1MSD

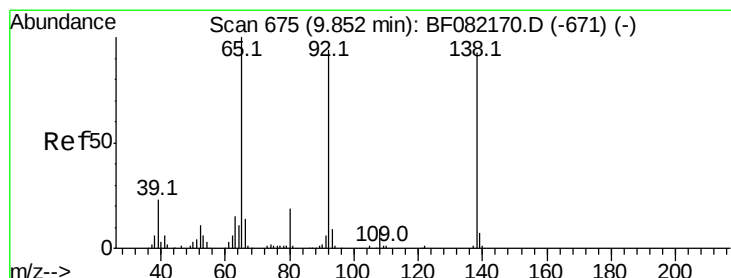
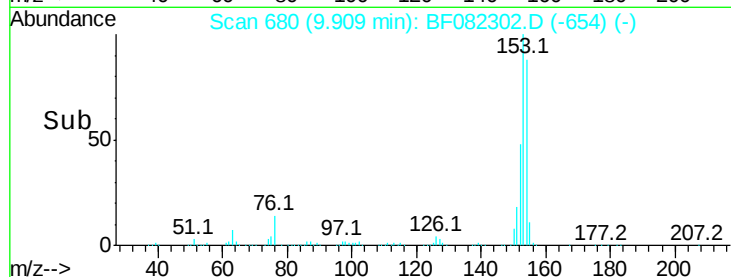
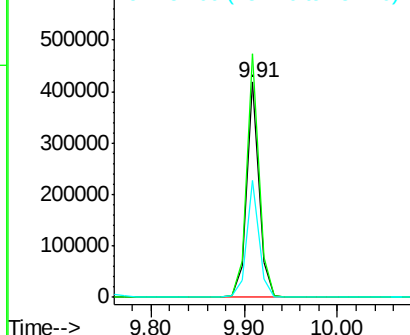
Tot Ion:	154	Resp:	379541
Ion Ratio	Lower	Upper	
154	100		
153	113.3	91.4	137.2
152	54.3	44.3	66.5

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



#52

3-Nitroaniline

Concen: 42.22 ng

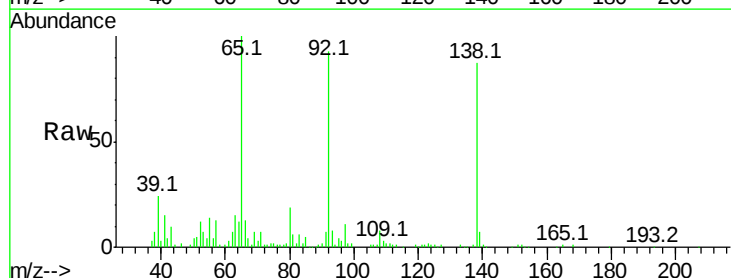
RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

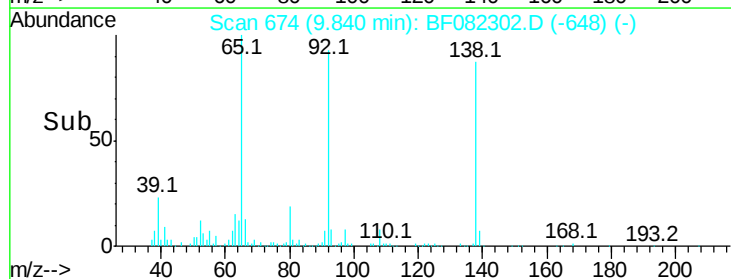
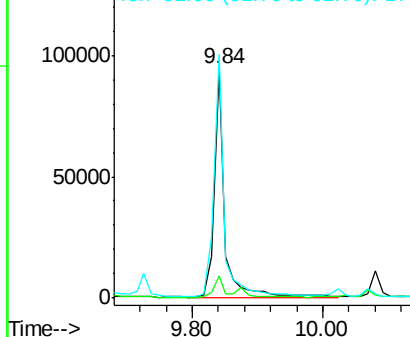
Lab File: BF082302.D

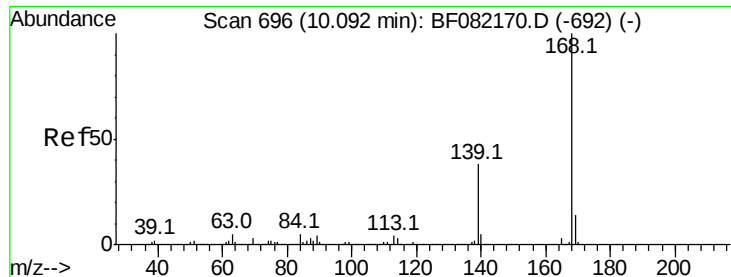
Acq: 15 Oct 2015 11:50

Tgt Ion:	138	Resp:	106245
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.4	11.0
92	106.4	81.3	121.9



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





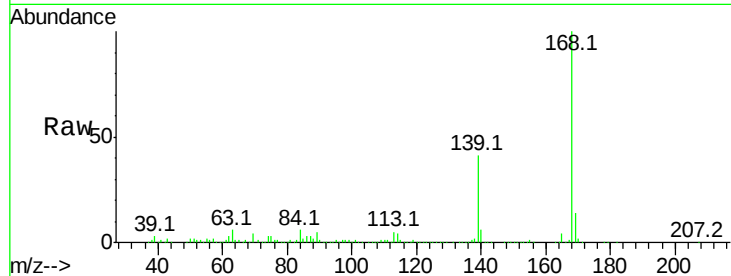
#54
Dibenzofuran
Concen: 50.87 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.0	46.6
169	13.9	10.9	16.3

Manual Integrations
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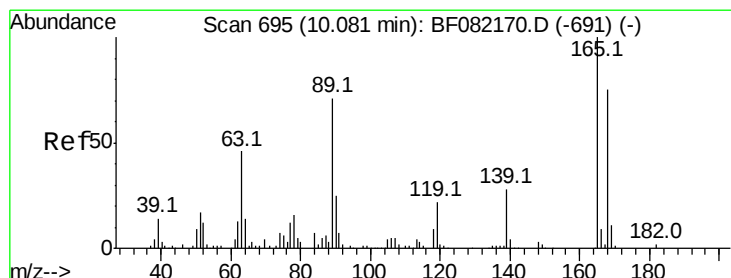
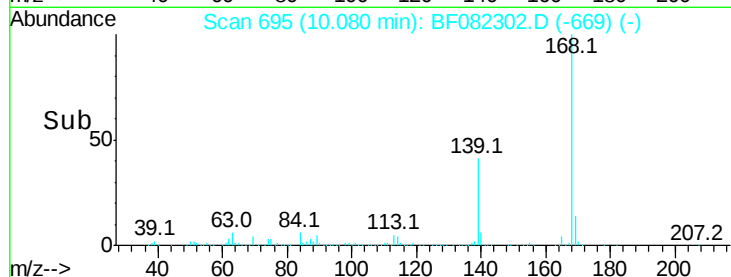
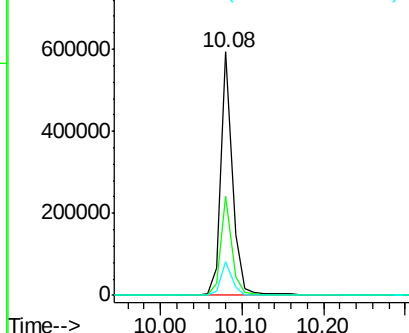


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
2,4-Dinitrotoluene
Concen: 49.58 ng
RT: 10.07 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.3	38.6	58.0
89	71.9	57.0	85.6
182	2.3	1.8	2.6

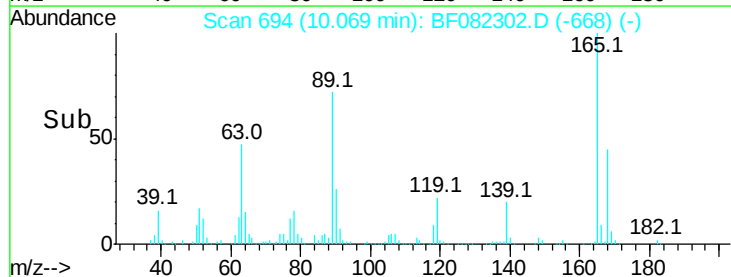
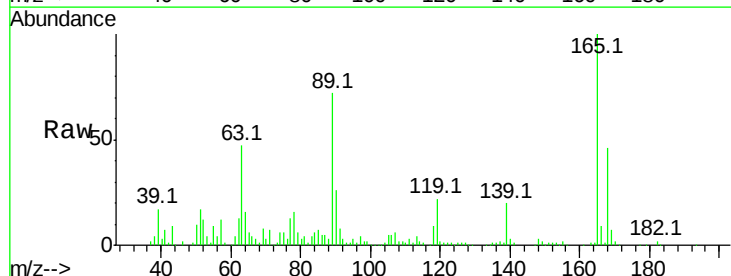
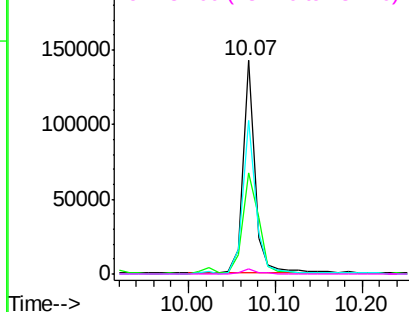
Abundance

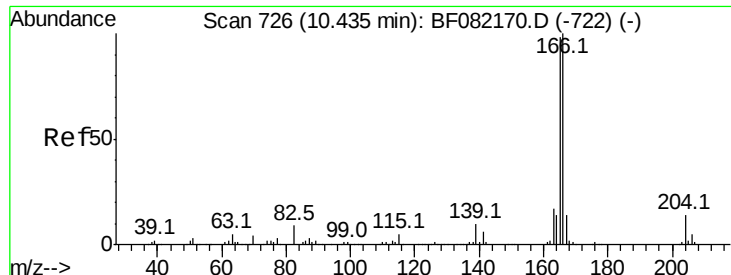
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.50 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

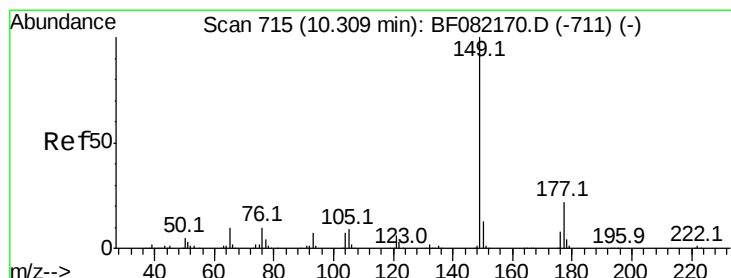
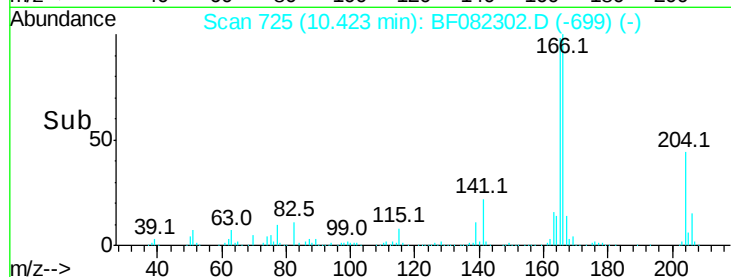
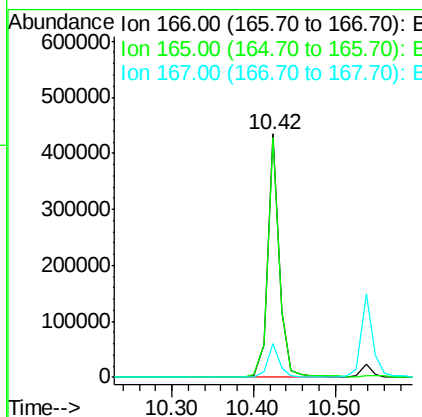
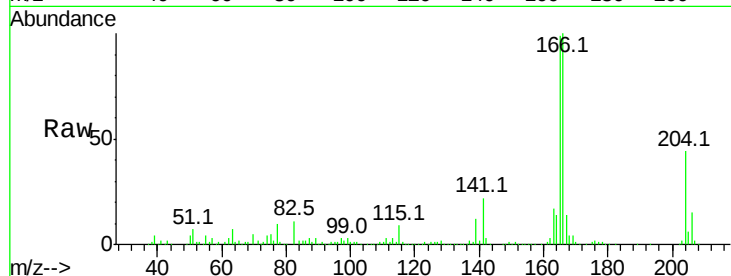
ClientSampled :

LF-1MSD

Tot Ion:	166	Resp:	441343
Ion Ratio	Lower	Upper	
166	100		
165	98.6	78.3	117.5
167	14.0	10.8	16.2

Manual Integrations
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#59

Diethylphthalate

Concen: 51.06 ng

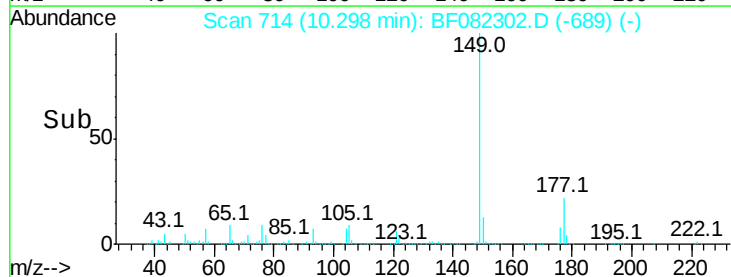
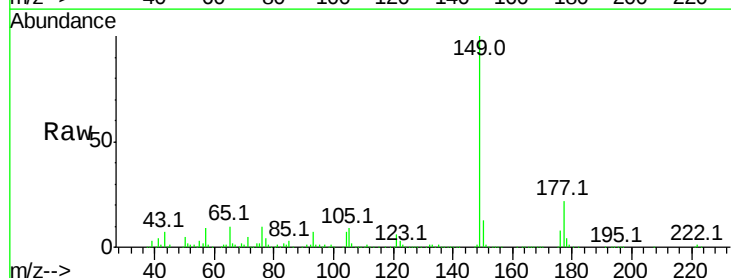
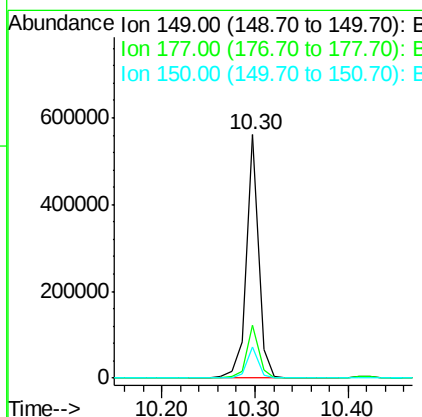
RT: 10.30 min Scan# 714

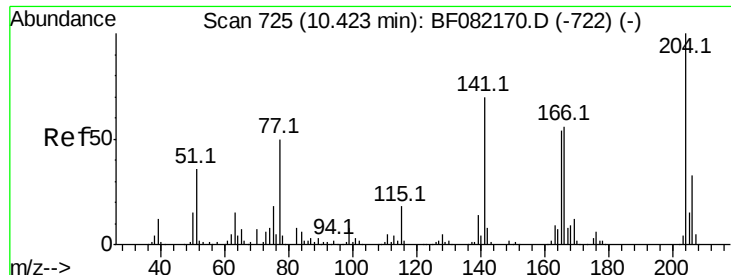
Delta R.T. -0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	149	Resp:	502486
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.6	26.4
150	13.0	10.3	15.5





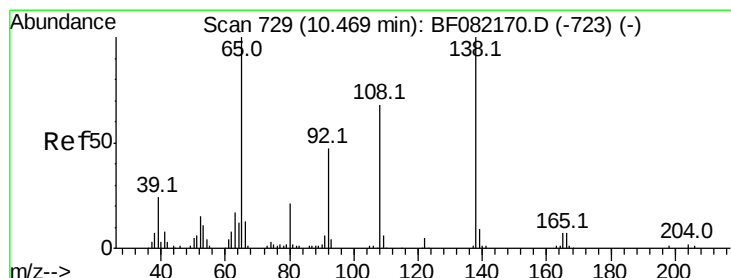
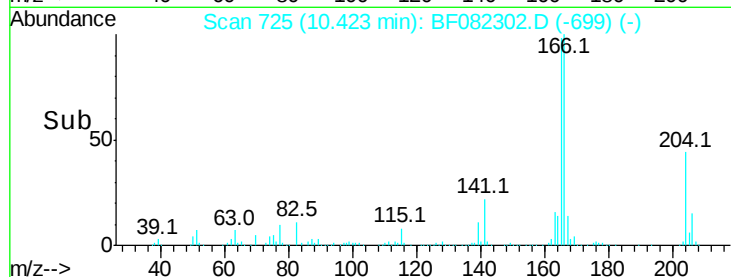
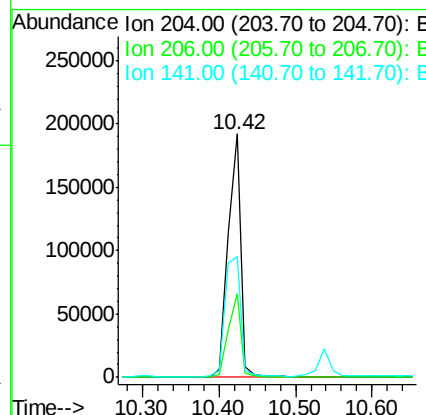
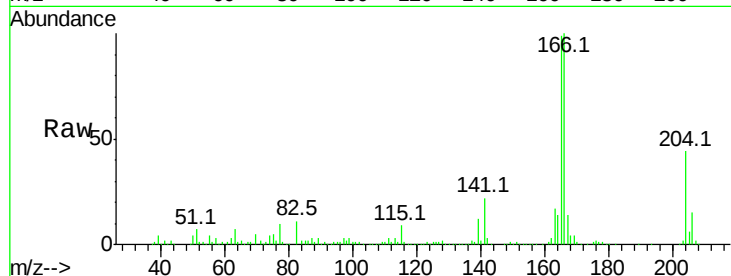
#60
 4-Chlorophenyl-phenylether
 Concen: 52.14 ng
 RT: 10.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.4	26.8	40.2
141	49.6	56.1	84.1#

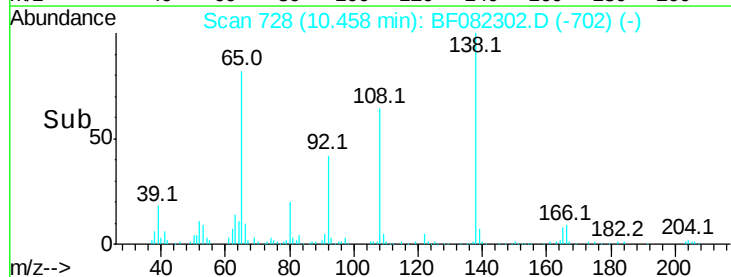
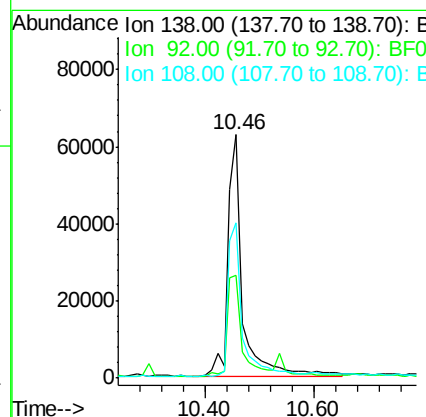
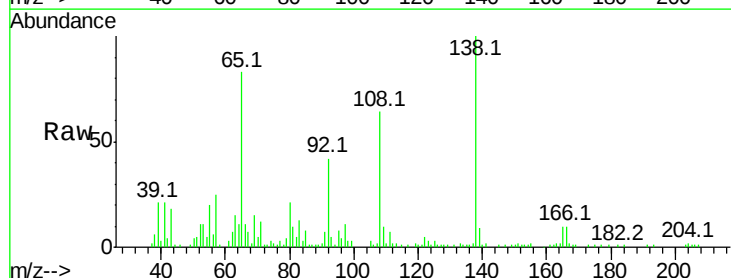
Manual Integrations
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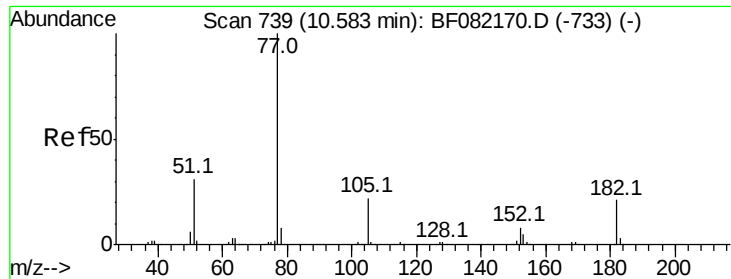
MMdadoda
 10/16/2015 4:15:49 PM



#61
 4-Nitroaniline
 Concen: 47.69 ng
 RT: 10.46 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF082302.D
 Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.1	26.8	66.8
108	63.8	48.4	88.4





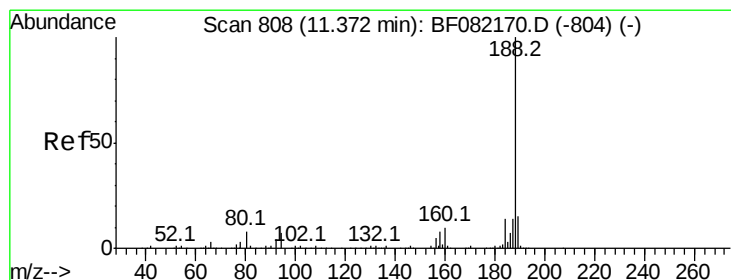
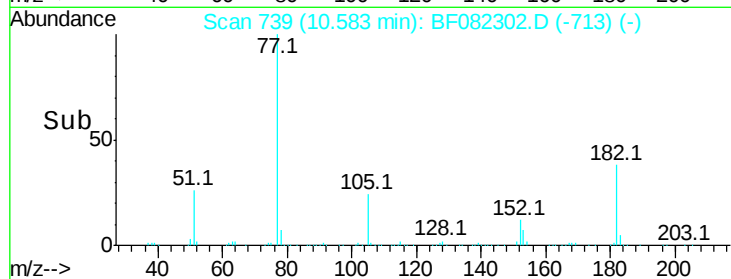
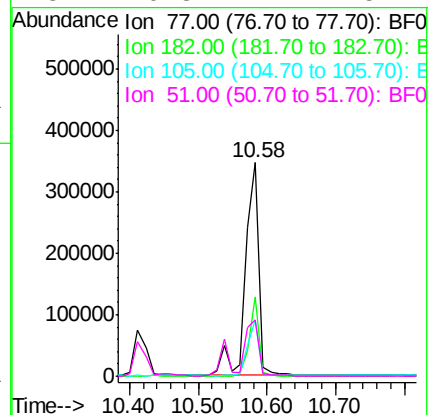
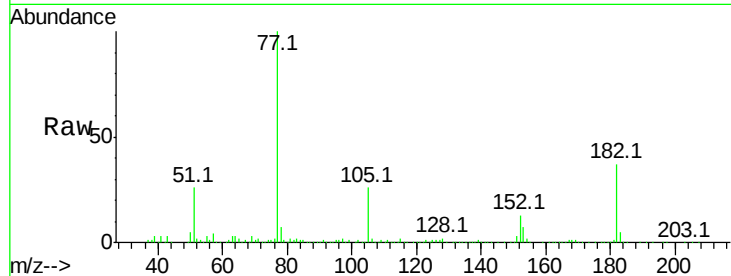
#62
Azobenzene
Concen: 49.72 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	37.0	0.5	40.5
105	26.3	1.8	41.8
51	26.3	11.2	51.2

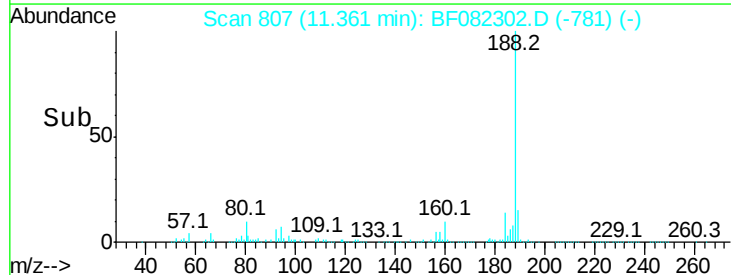
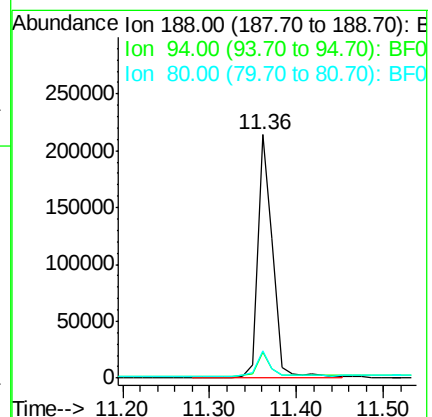
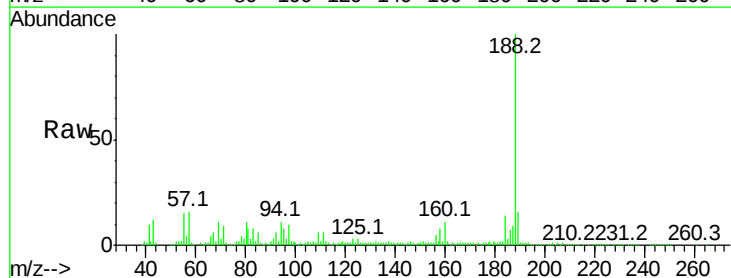
Manual Integrations
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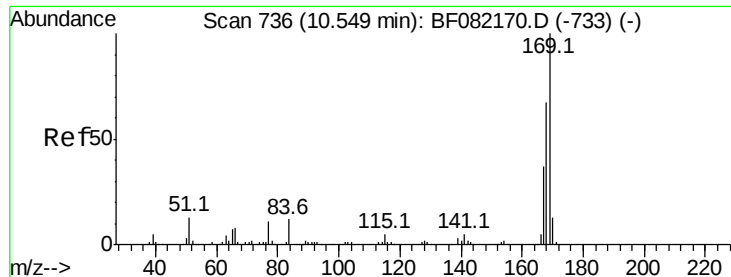
MMdadoda
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	5.8	8.6#
80	11.4	6.4	9.6#





#65

n-Nitrosodiphenylamine

Concen: 52.16 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

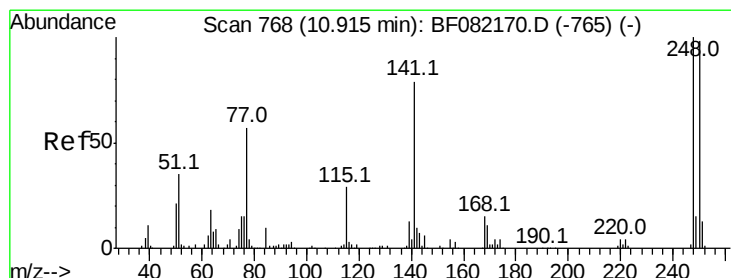
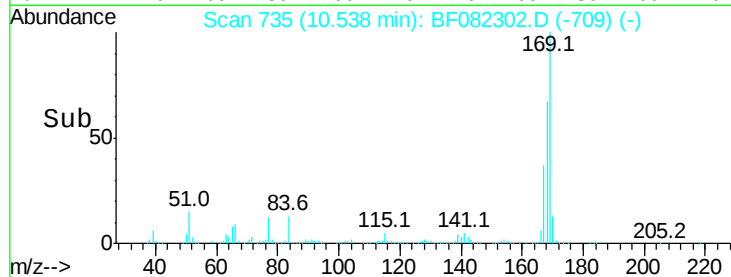
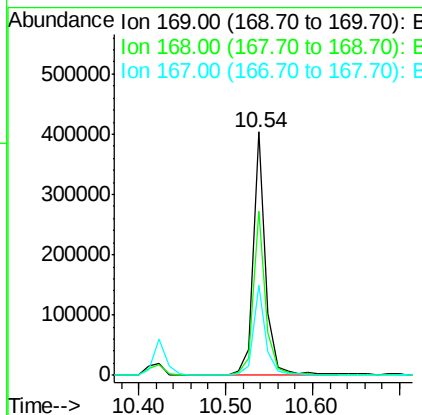
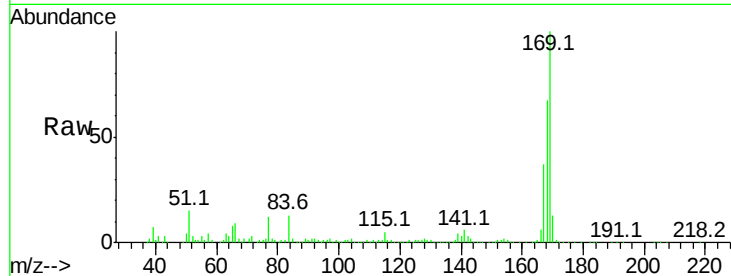
ClientSampleId :

LF-1MSD

Tot Ion:	169	Resp:	401892
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.0	81.0
167	36.8	29.6	44.4

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#66

4-Bromophenyl-phenylether

Concen: 54.24 ng

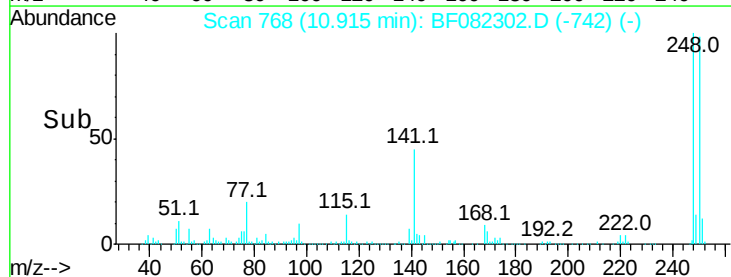
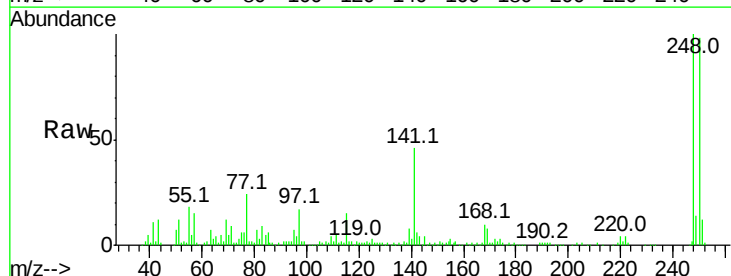
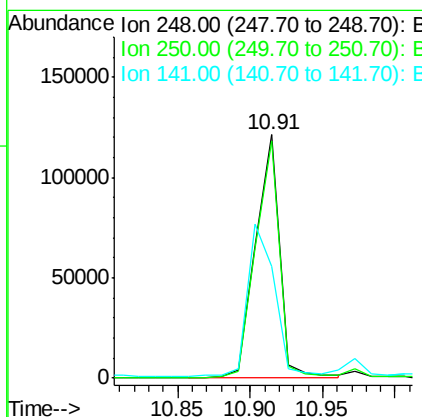
RT: 10.91 min Scan# 768

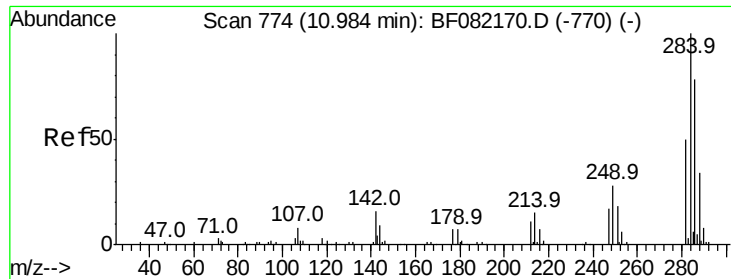
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	248	Resp:	139684
Ion Ratio	Lower	Upper	
248	100		
250	97.5	78.6	117.8
141	45.9	63.3	94.9#





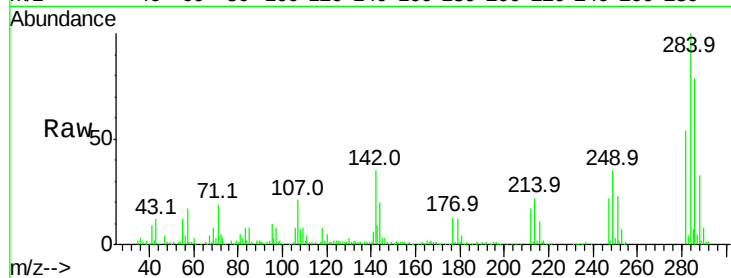
#67
Hexachlorobenzene
Concen: 50.02 ng
RT: 10.97 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

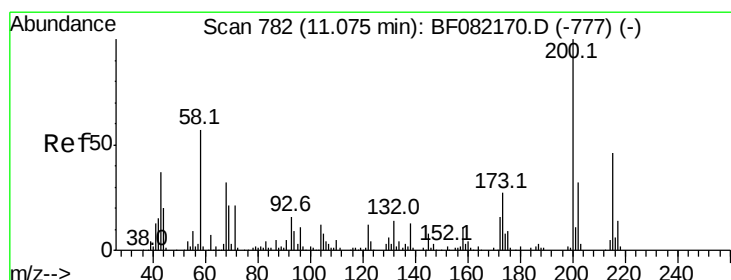
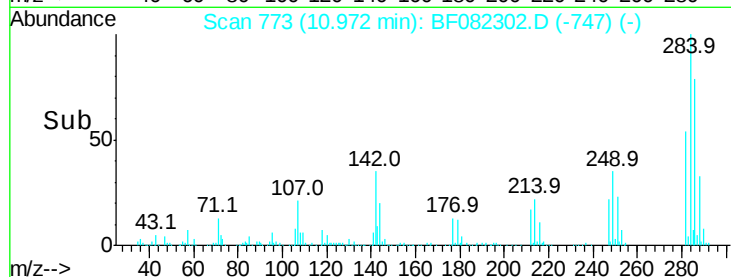
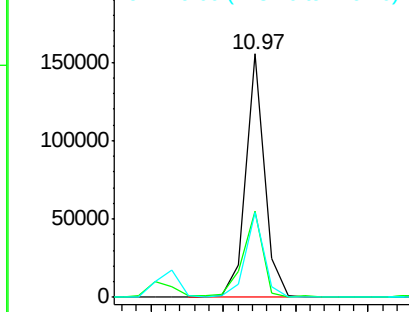
Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	35.2	13.0	19.6#
249	34.8	22.5	33.7#

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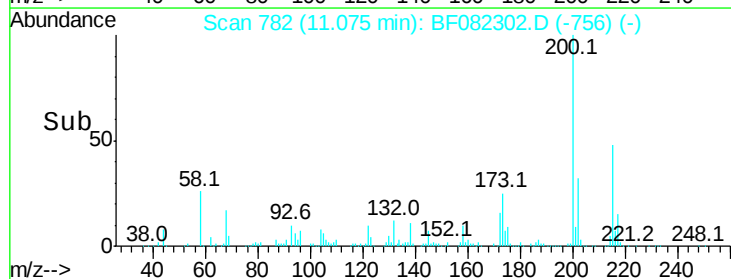
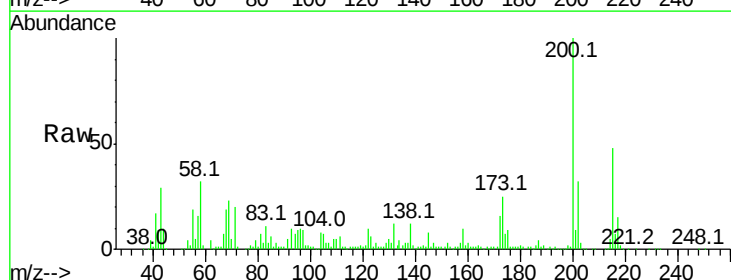
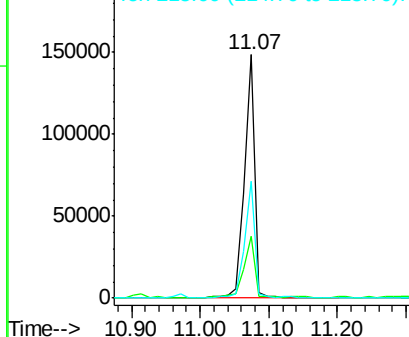
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

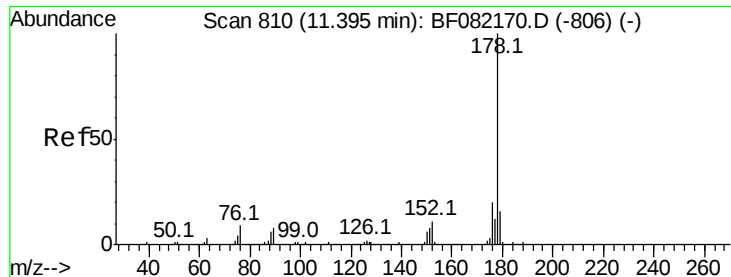


#68
Atrazine
Concen: 64.70 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	7.3	47.3
215	48.0	26.2	66.2

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 54.32 ng

RT: 11.39 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

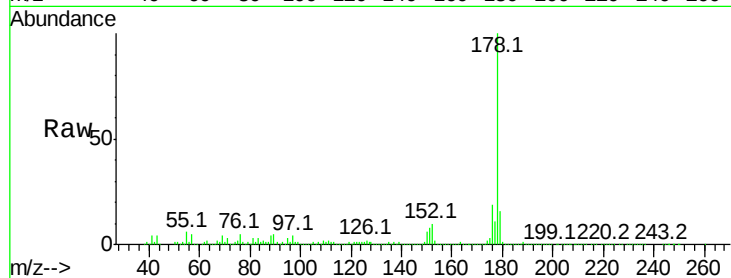
ClientSampleId :

LF-1MSD

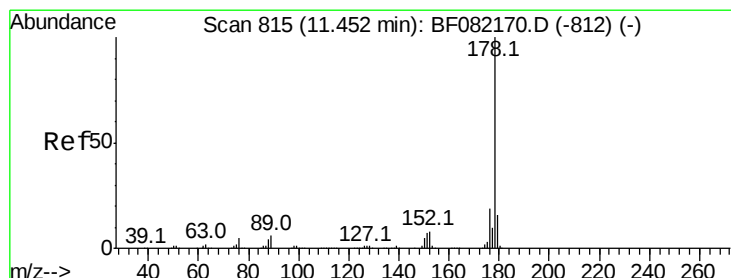
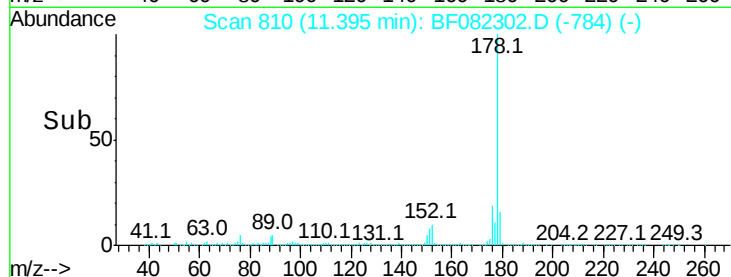
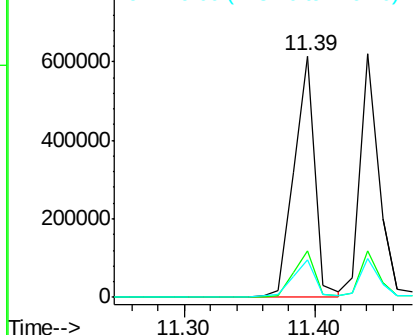
Tot Ion:	178	Resp:	685129
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.0	24.0
179	15.8	12.6	19.0

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



#71

Anthracene

Concen: 48.86 ng

RT: 11.44 min Scan# 814

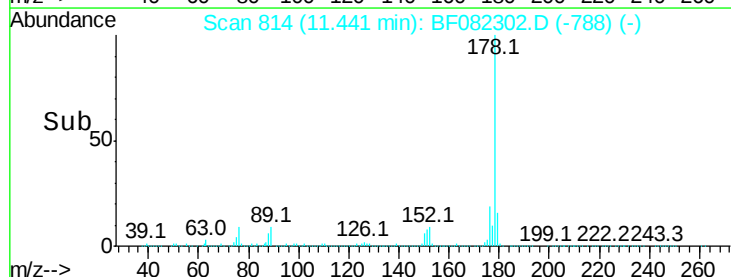
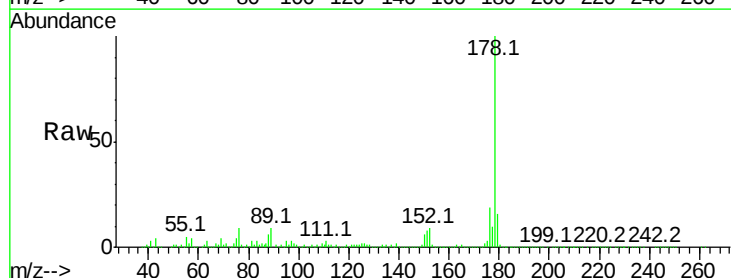
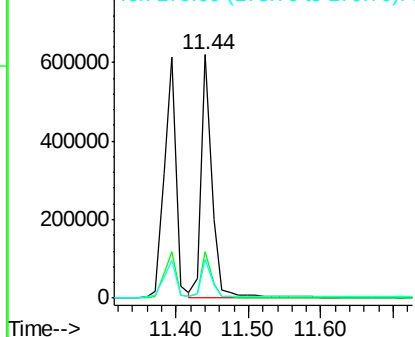
Delta R.T. 0.00 min

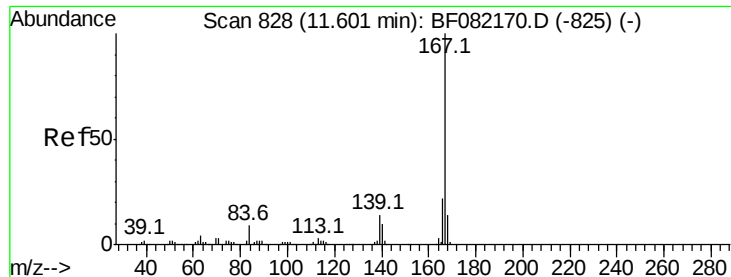
Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	178	Resp:	635042
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.2	12.5	18.7

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





#72

Carbazole

Concen: 46.38 ng

RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

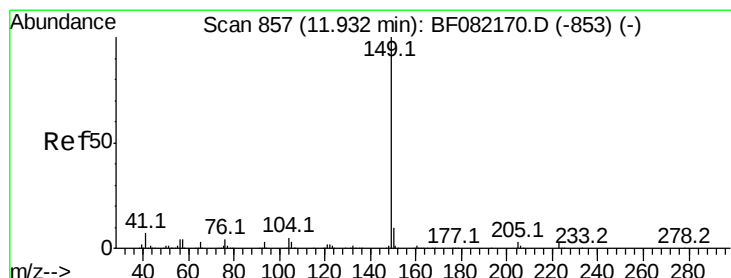
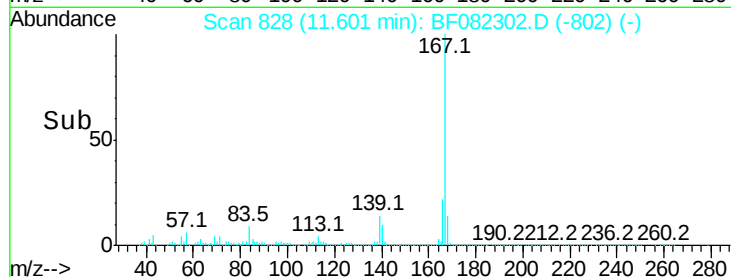
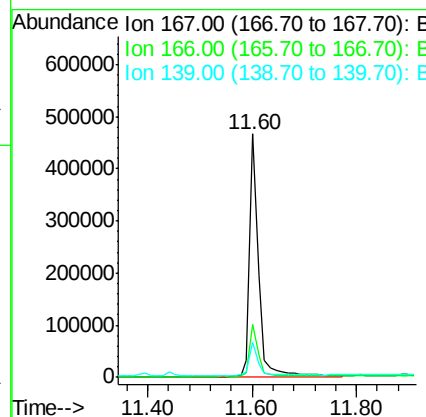
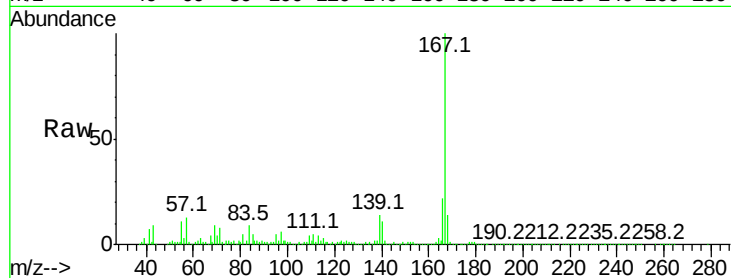
ClientSampleId :

LF-1MSD

Tot Ion:	167	Resp:	549888
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	14.3	11.2	16.8

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#73

Di-n-butylphthalate

Concen: 47.01 ng

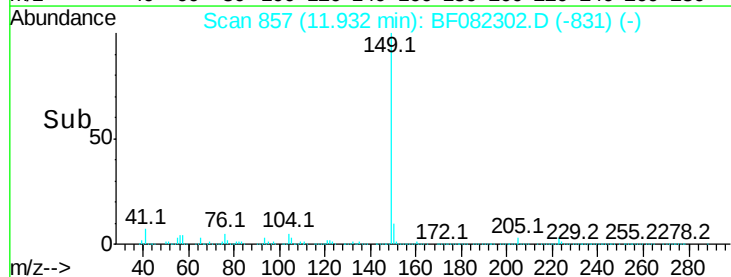
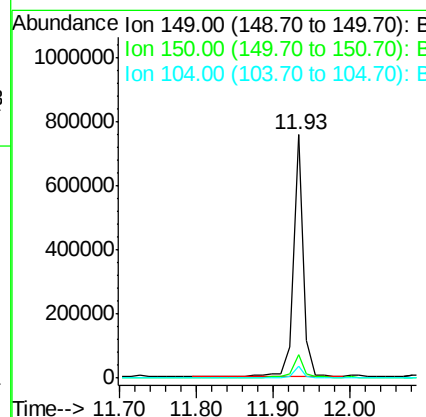
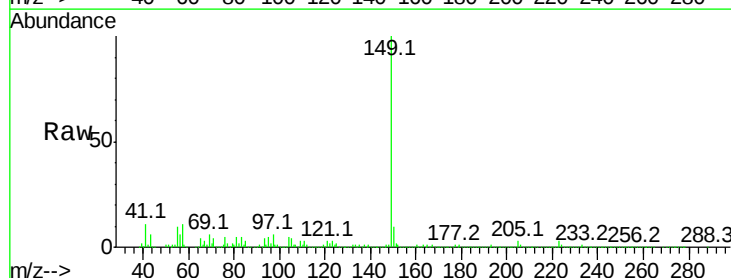
RT: 11.93 min Scan# 857

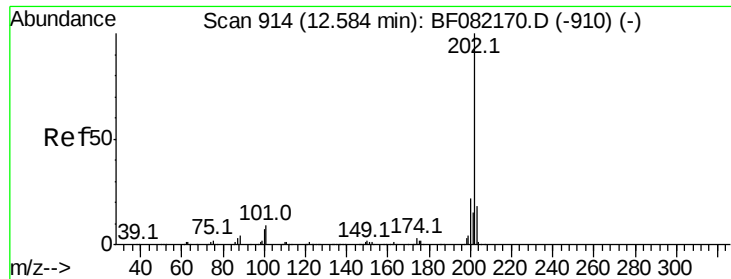
Delta R.T. 0.00 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	149	Resp:	687657
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	4.9	3.8	5.8





#74

Fluoranthene

Concen: 41.44 ng

RT: 12.59 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

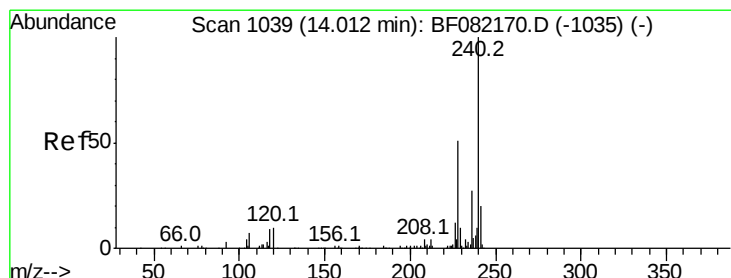
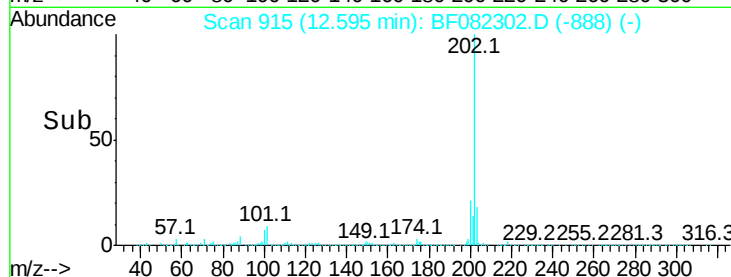
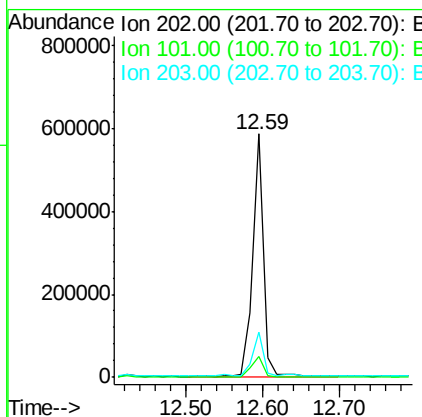
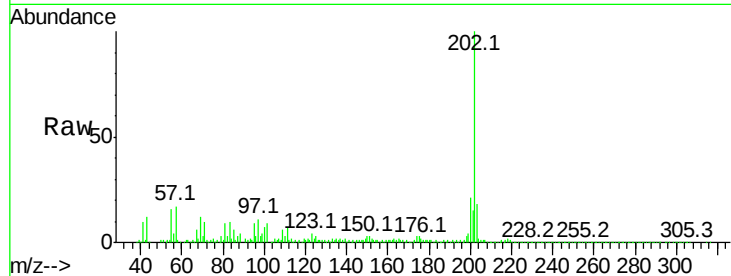
ClientSampleId :

LF-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	29.3
203	18.4	0.0	37.8

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#75

Chrysene-d12

Concen: 20.00 ng

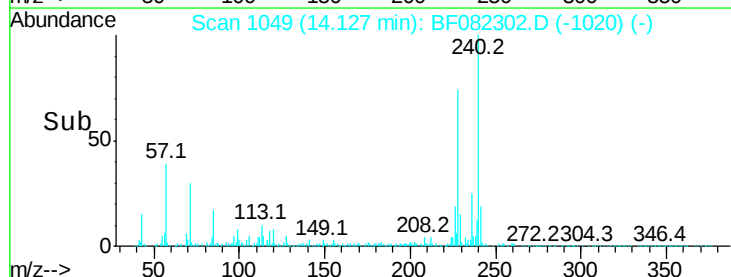
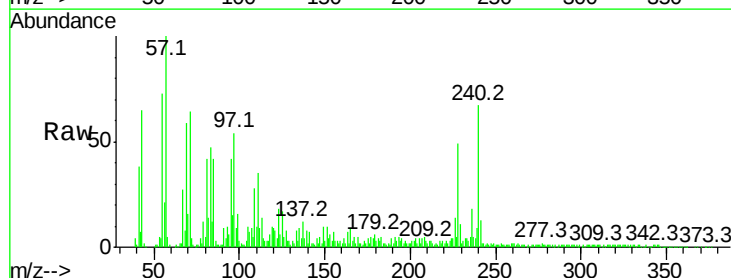
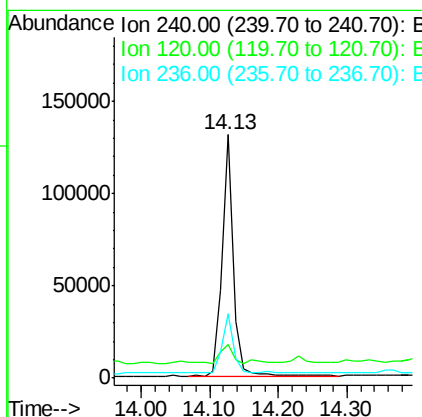
RT: 14.13 min Scan# 1049

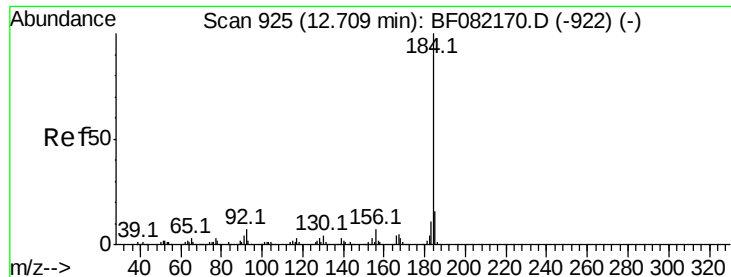
Delta R.T. 0.03 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.9	8.1	12.1#
236	26.3	21.3	31.9





#76

Benzidine

Concen: 28.50 ng

RT: 12.73 min Scan# 927

Delta R.T. 0.02 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

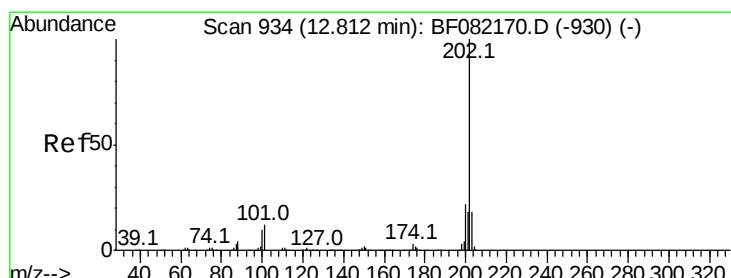
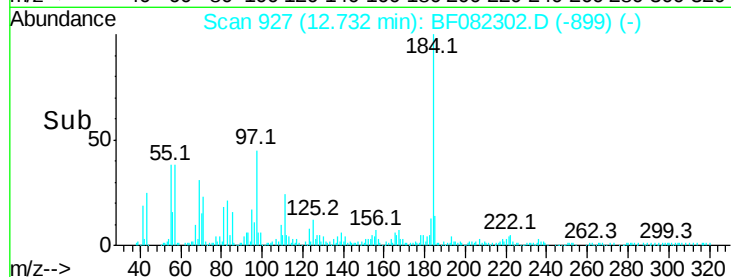
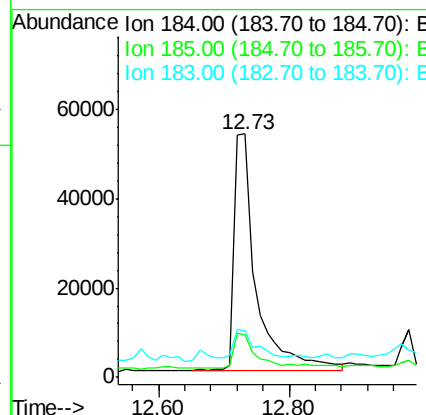
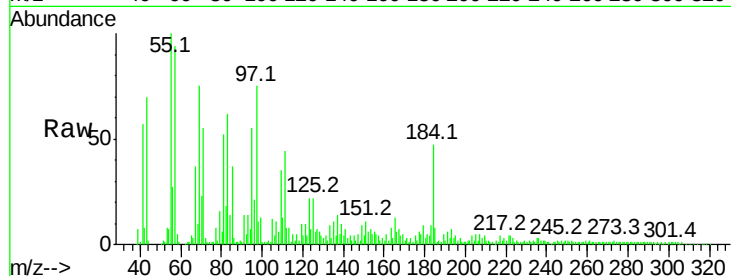
ClientSampleId :

LF-1MSD

Tot Ion:	184	Resp:	124621
Ion Ratio	Lower	Upper	
184	100		
185	17.3	12.5	18.7
183	19.2	9.1	13.7#

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#77

Pyrene

Concen: 58.44 ng

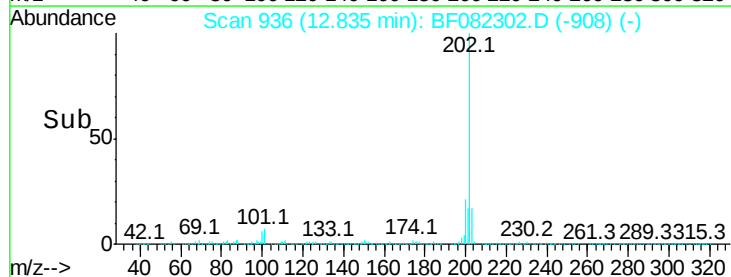
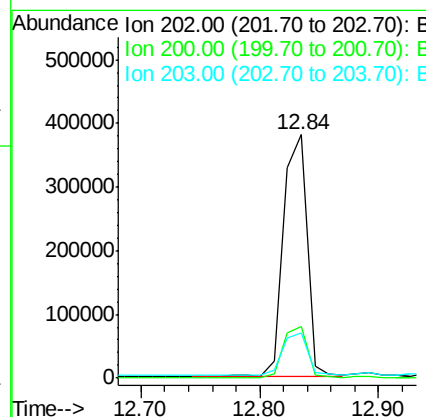
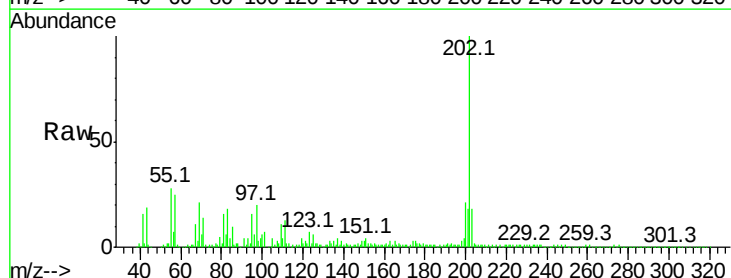
RT: 12.84 min Scan# 936

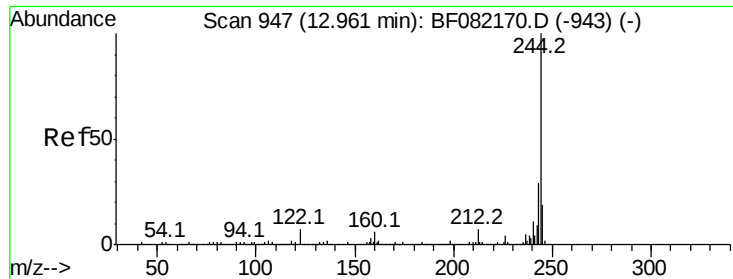
Delta R.T. 0.02 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	202	Resp:	523343
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.9	26.9
203	18.4	14.5	21.7





#78

Terphenyl-d14

Concen: 123.23 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

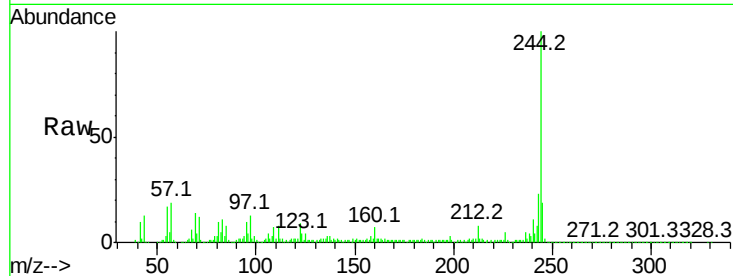
ClientSampleId :

LF-1MSD

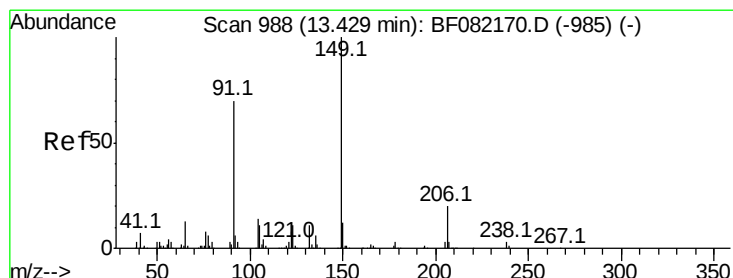
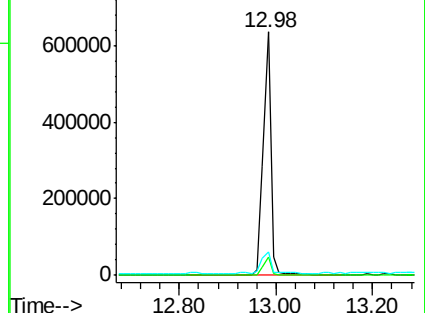
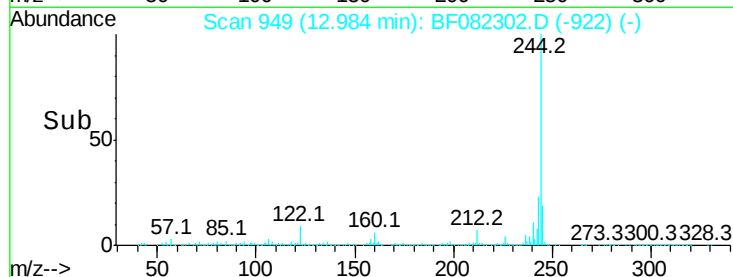
Tot Ion:	244	Resp:	701747
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	9.5	5.9	8.9#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 56.03 ng

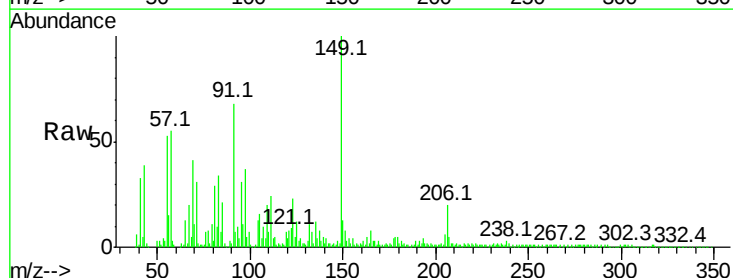
RT: 13.49 min Scan# 993

Delta R.T. 0.02 min

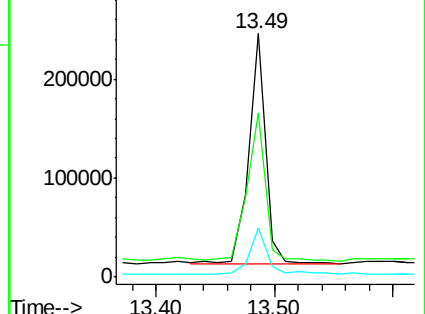
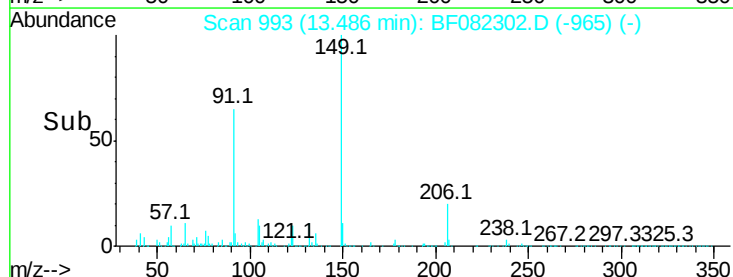
Lab File: BF082302.D

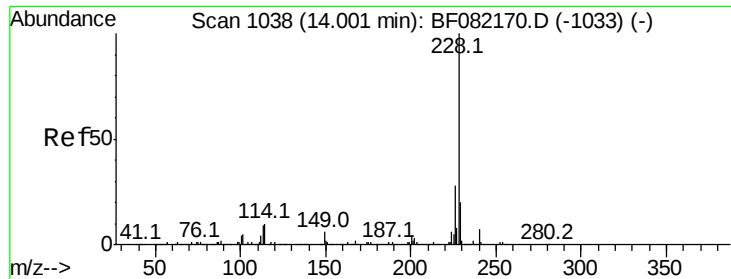
Acq: 15 Oct 2015 11:50

Tgt Ion:	149	Resp:	229004
Ion Ratio	Lower	Upper	
149	100		
91	67.7	55.7	83.5
206	20.0	15.6	23.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E





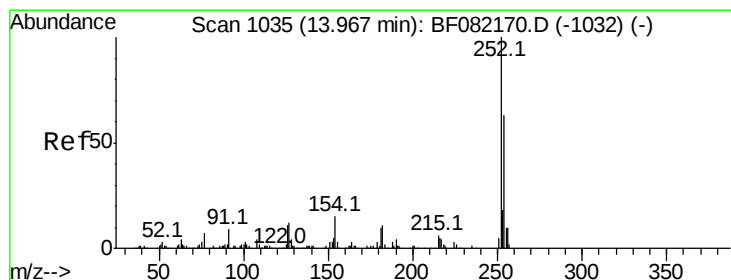
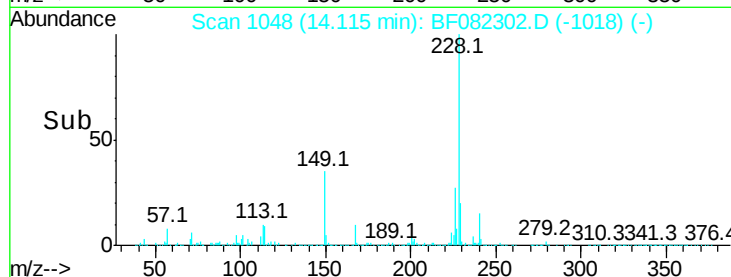
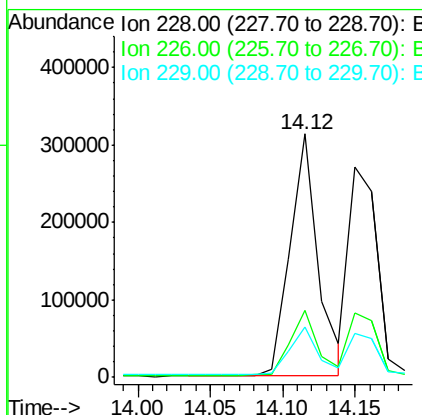
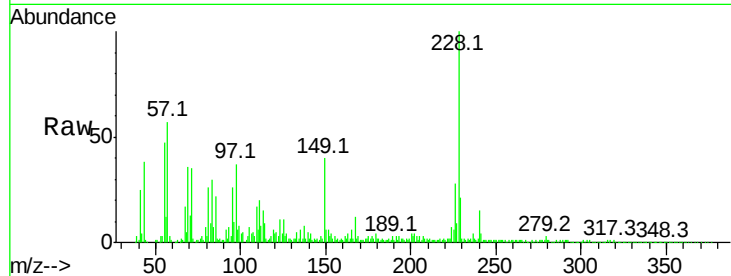
#80
Benzo(a)anthracene
Concen: 53.56 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.05 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.8	16.2	24.2

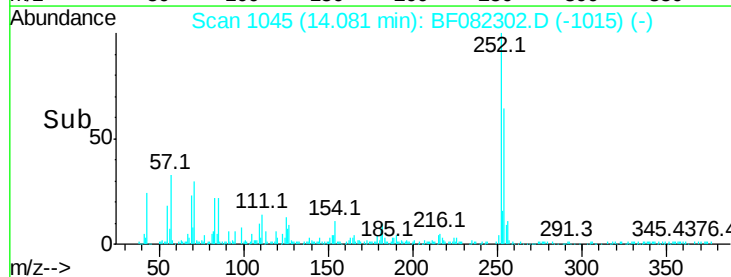
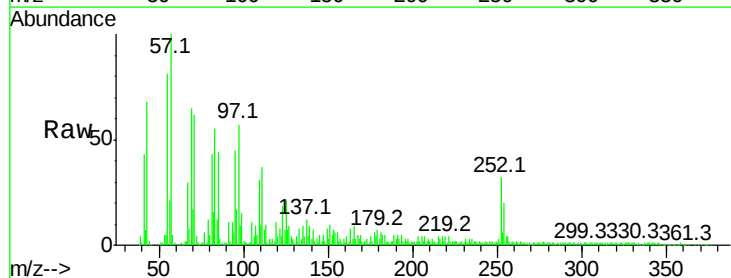
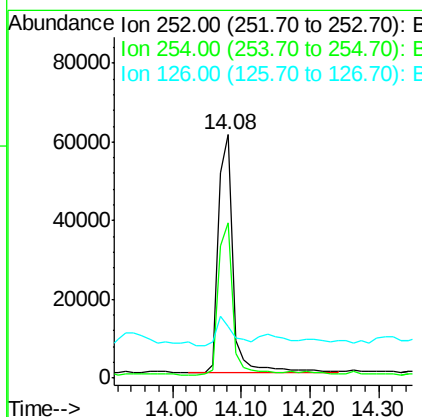
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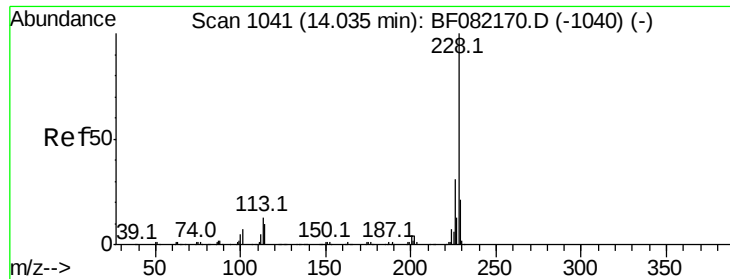
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#81
3,3'-Dichlorobenzidine
Concen: 31.36 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.05 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	21.4	9.0	13.6





#82

Chrvsene

Concen: 46.33 ng

RT: 14.15 min Scan# 1051

Delta R.T. 0.03 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

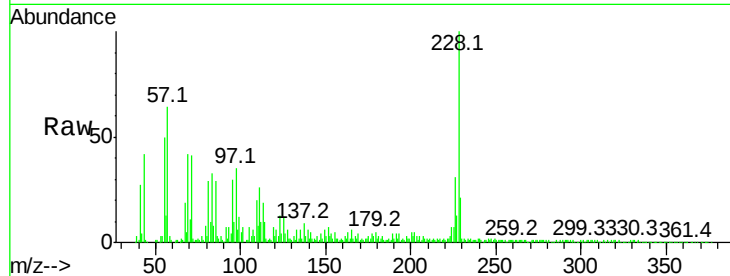
ClientSampleId :

LF-1MSD

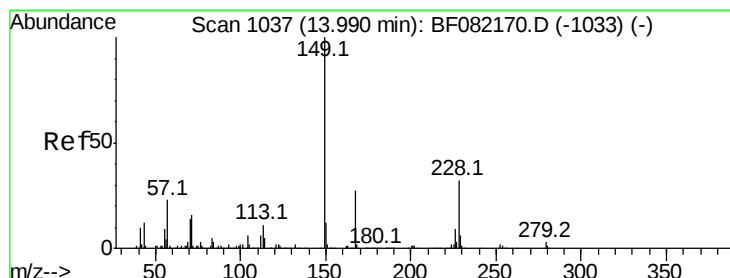
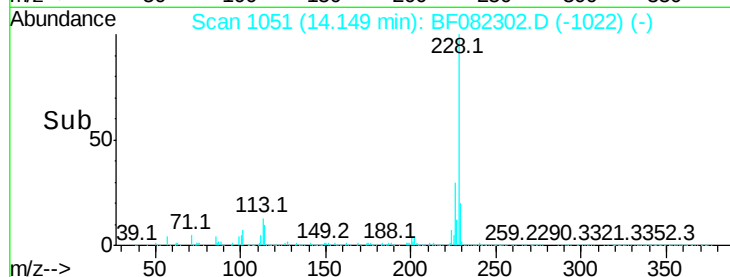
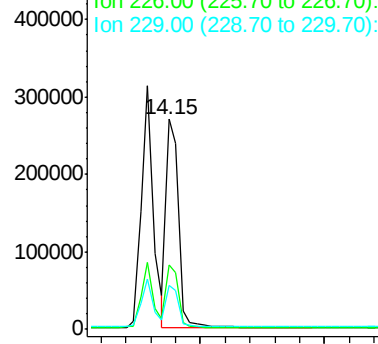
Tot Ion	Ratio	Resp	Lower	Upper
228	100	383251		
226	30.7	24.4	36.6	
229	21.2	16.3	24.5	

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 48.15 ng

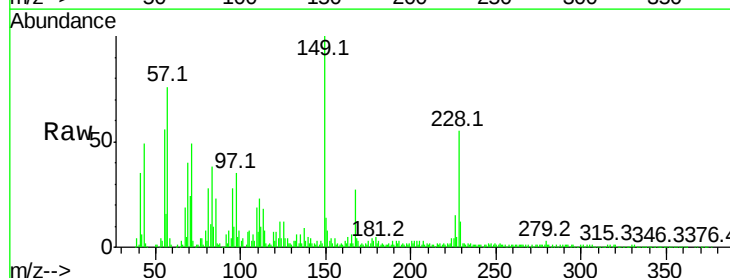
RT: 14.10 min Scan# 1047

Delta R.T. 0.03 min

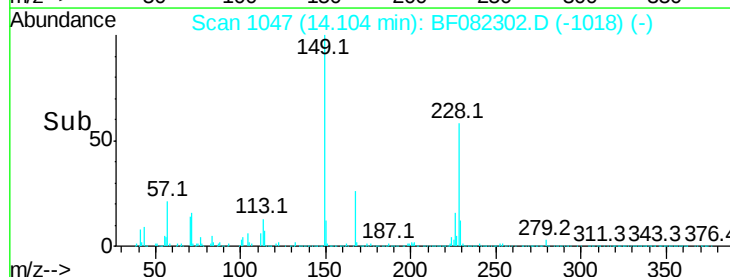
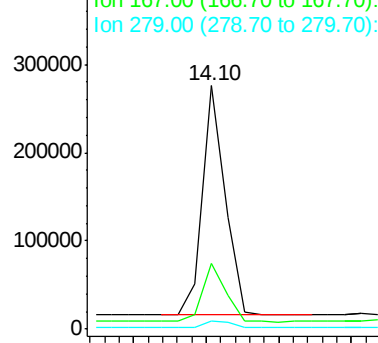
Lab File: BF082302.D

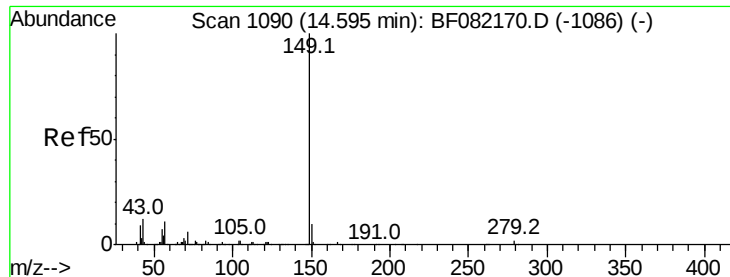
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	280751		
167	27.1	21.3	31.9	
279	3.2	2.6	4.0	



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





#84

Di-n-octyl phthalate

Concen: 46.31 ng

RT: 14.82 min Scan# 1110

Delta R.T. 0.06 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

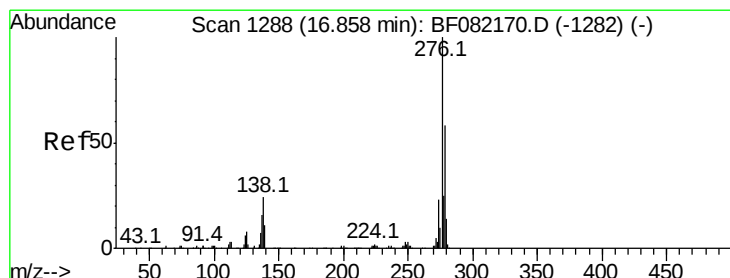
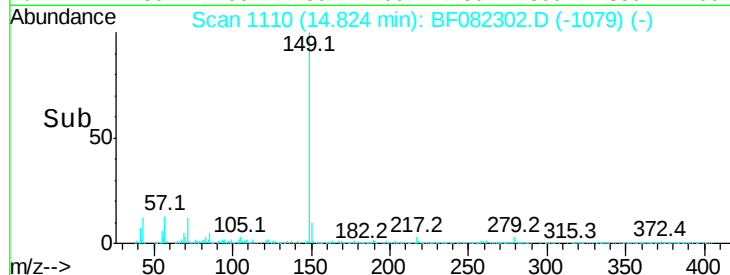
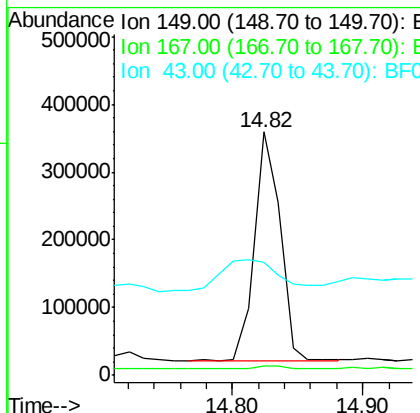
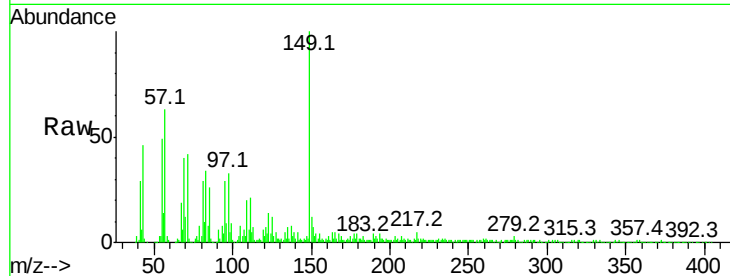
ClientSampleId :

LF-1MSD

Tot Ion	149	Resp	463757
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.3	1.9
43	30.3	7.4	11.2#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 71.24 ng

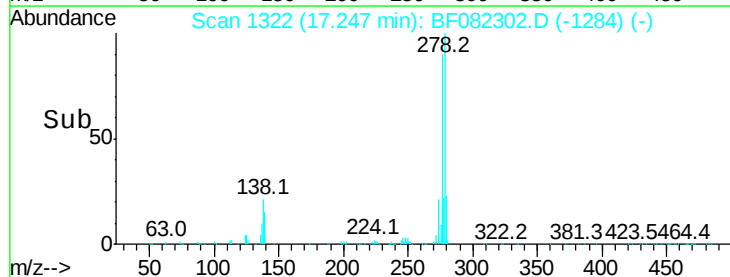
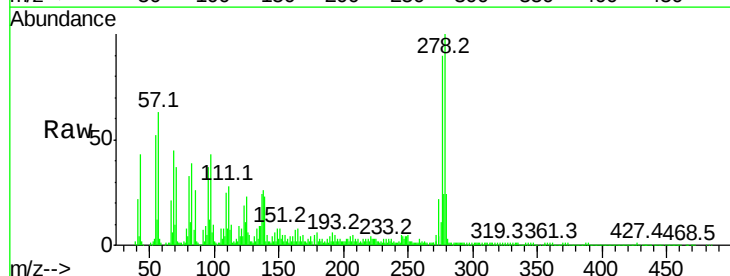
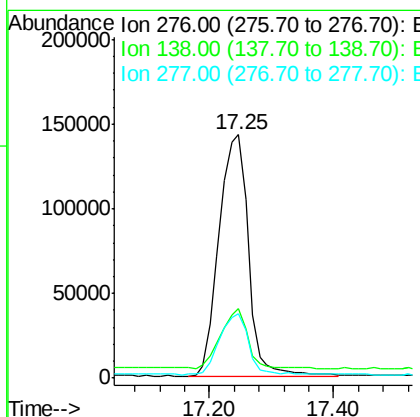
RT: 17.25 min Scan# 1322

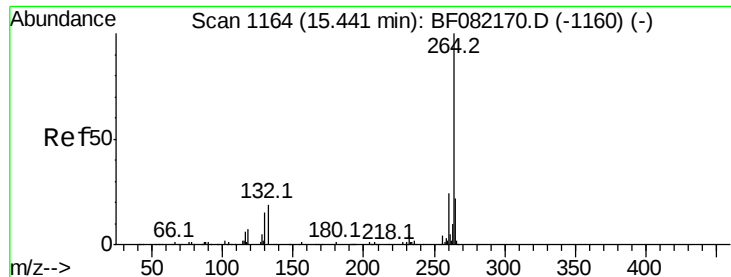
Delta R.T. 0.14 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion	276	Resp	468433
Ion Ratio	Lower	Upper	
276	100		
138	22.8	19.7	29.5
277	24.3	20.1	30.1





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.74 min Scan# 1190

Delta R.T. 0.08 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Instrument :

BNA_F

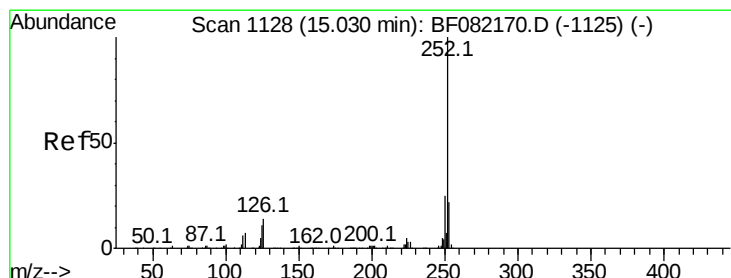
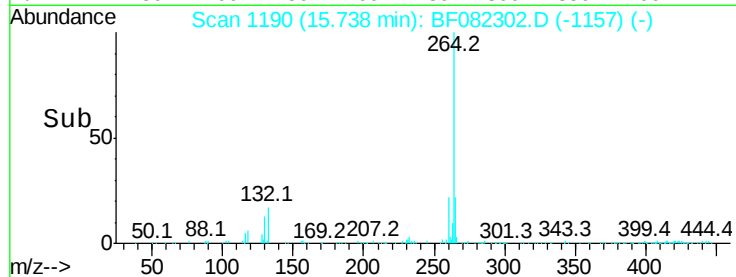
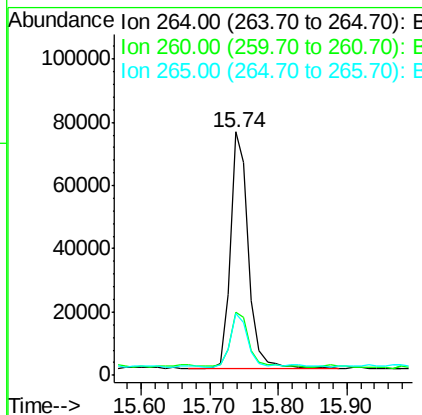
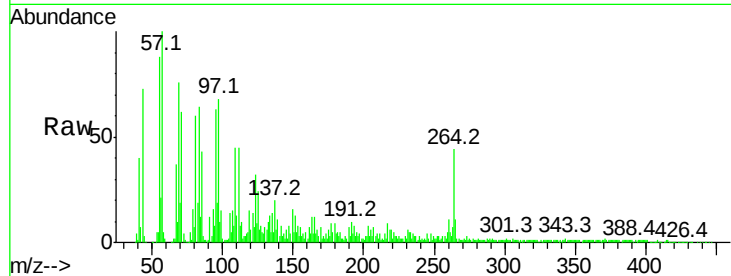
ClientSampleId :

LF-1MSD

Tot Ion:	264	Resp:	137346
Ion Ratio	Lower	Upper	
264	100		
260	25.8	19.0	28.6
265	25.5	17.3	25.9

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#87

Benzo(b)fluoranthene

Concen: 46.13 ng m

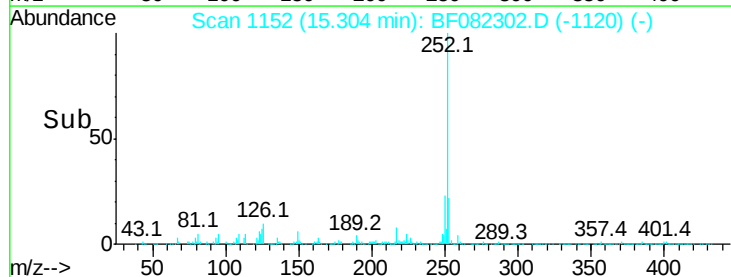
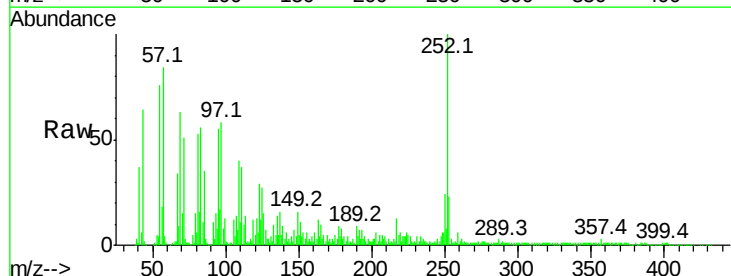
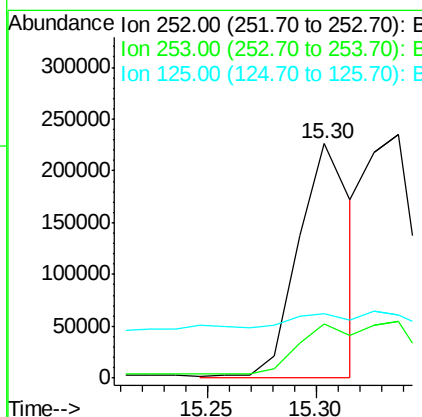
RT: 15.30 min Scan# 1152

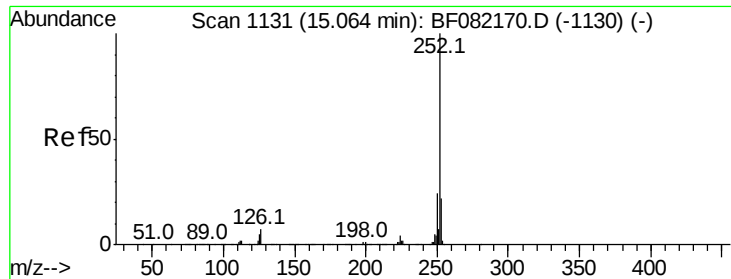
Delta R.T. 0.07 min

Lab File: BF082302.D

Acq: 15 Oct 2015 11:50

Tgt Ion:	252	Resp:	385434
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	27.4	8.6	12.8#





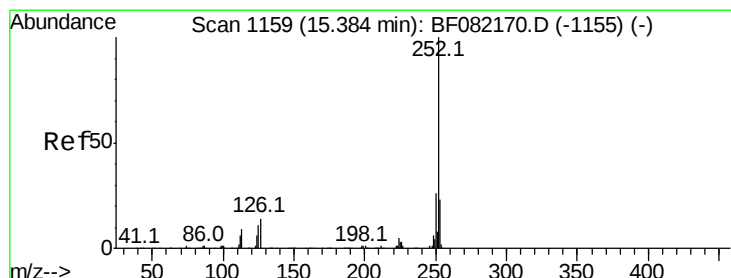
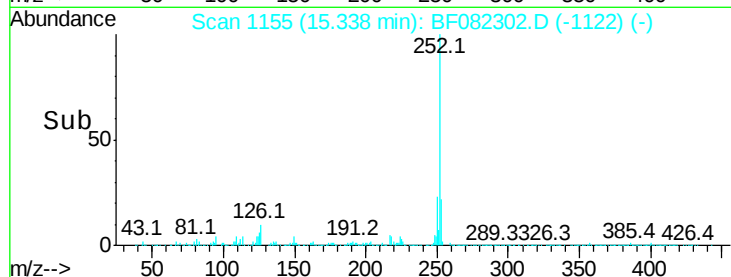
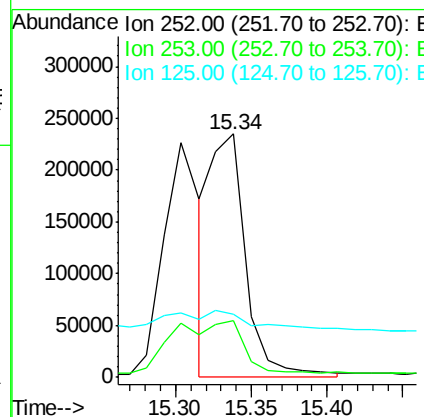
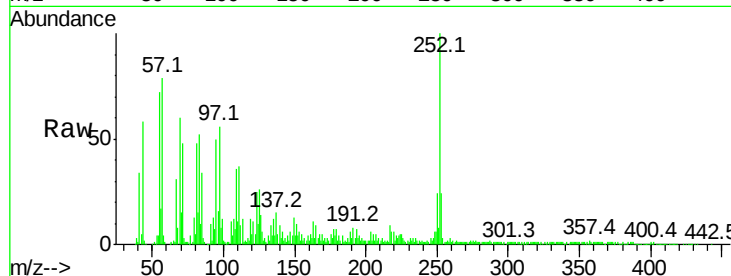
#88
Benzo(k)fluoranthene
Concen: 54.14 ng/ml
RT: 15.34 min Scan# 1155
Delta R.T. 0.08 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.8	26.6
125	25.8	6.7	10.1

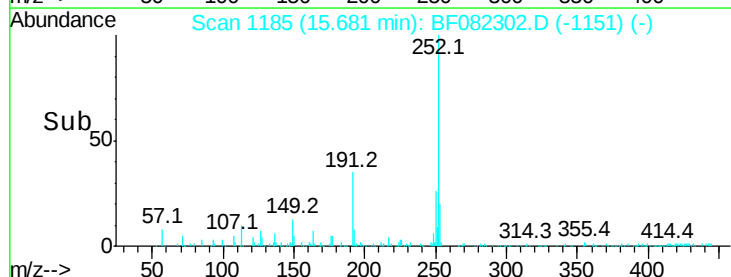
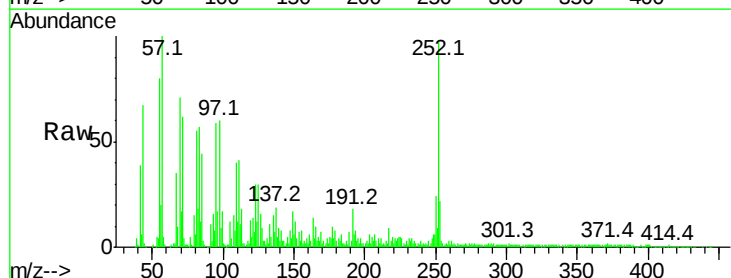
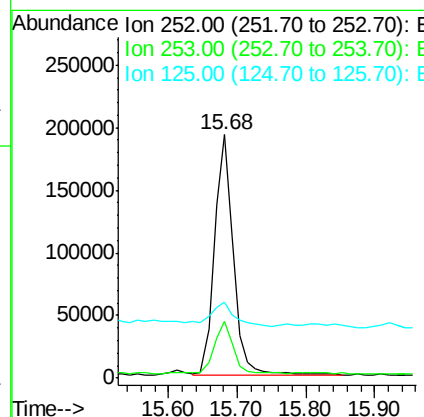
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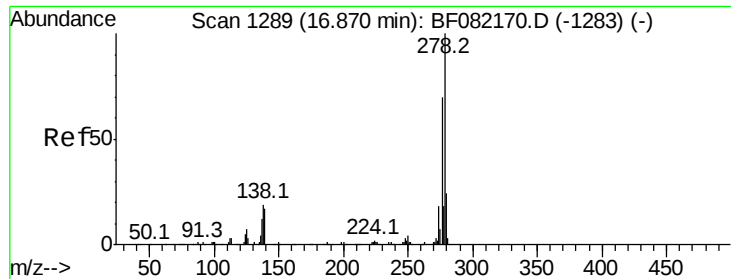
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#89
Benzo(a)pyrene
Concen: 50.88 ng/ml
RT: 15.68 min Scan# 1185
Delta R.T. 0.09 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.2	27.2
125	31.1	8.9	13.3





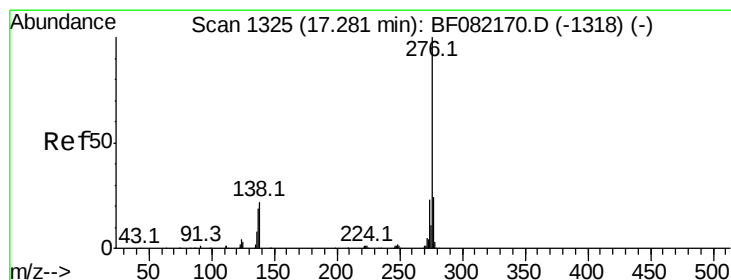
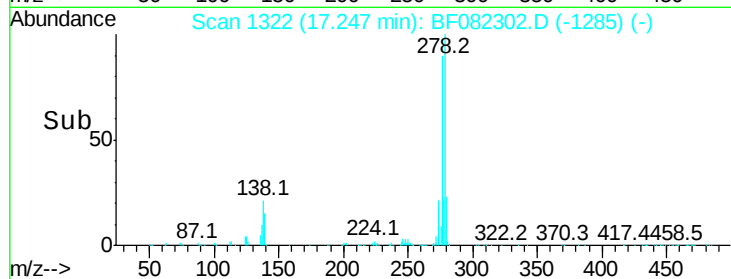
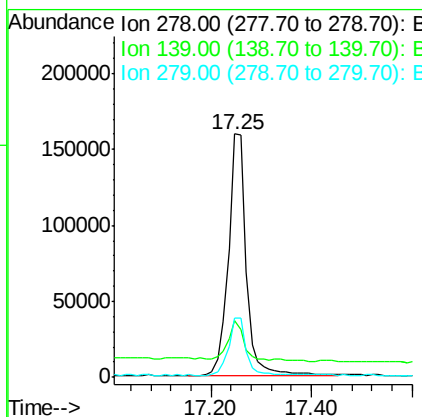
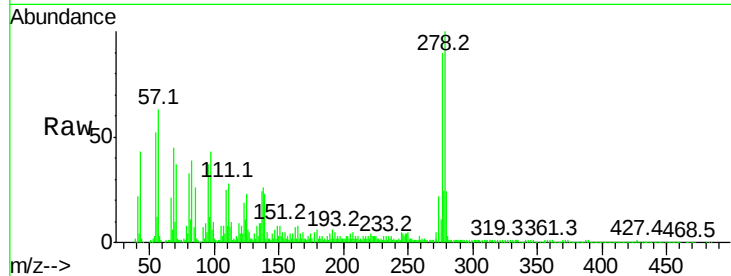
#90
Dibenzo(a,h)anthracene
Concen: 66.84 ng
RT: 17.25 min Scan# 1322
Delta R.T. 0.13 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Instrument :
BNA_F
ClientSampleId :
LF-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	23.1	13.3	19.9#
279	24.3	18.9	28.3

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 68.66 ng
RT: 17.68 min Scan# 1360
Delta R.T. 0.14 min
Lab File: BF082302.D
Acq: 15 Oct 2015 11:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	22.0	17.4	26.2

