

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082301.D
 Acq On : 15 Oct 2015 11:05
 Operator : UM/IZ
 Sample : G4015-05MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Manual Integrations
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 10/16/2015 4:15:48 PM

Quant Time: Oct 16 01:40:22 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	79498	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	315607	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	156820	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	268697	20.00	ng	0.00
75) Chrysene-d12	14.08	240	159859	20.00	ng	-0.01
86) Perylene-d12	15.66	264	147328	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	98839	25.09	ng	0.00
7) Phenol-d6	6.46	99	311710	60.81	ng	-0.01
23) Nitrobenzene-d5	7.39	82	340903	72.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	12948	8.80	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	701610	74.20	ng	-0.01
78) Terphenyl-d14	12.97	244	540800	89.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.40	88	48019	24.26	ng	96
3) Pyridine	3.12	79	135250	29.38	ng	99
4) n-Nitrosodimethylamine	3.07	42	54996	28.17	ng	98
6) Aniline	6.48	93	101455	15.35	ng	# 68
8) 2-Chlorophenol	6.61	128	53051	11.03	ng	92
9) Benzaldehyde	6.37	77	69187	26.43	ng	96
10) Phenol	6.48	94	109629	18.55	ng	# 61
11) bis(2-Chloroethyl)ether	6.56	93	160236	32.06	ng	98
12) 1,3-Dichlorobenzene	6.77	146	173152m	30.92	ng	
13) 1,4-Dichlorobenzene	6.85	146	177572	30.36	ng	96
14) 1,2-Dichlorobenzene	6.99	146	190414	34.29	ng	96
15) Benzyl Alcohol	6.97	79	131034	37.03	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	232765	33.44	ng	99
17) 2-Methylphenol	7.09	107	102236	26.89	ng	99
18) Hexachloroethane	7.34	117	61933	30.94	ng	# 81
19) n-Nitroso-di-n-propylamine	7.25	70	119201	33.11	ng	96
20) 3+4-Methylphenols	7.25	107	113573	25.06	ng	# 87
22) Acetophenone	7.23	105	214752	34.40	ng	# 92
24) Nitrobenzene	7.42	77	165917	32.62	ng	# 87
25) Isophorone	7.65	82	282965	29.83	ng	96
26) 2-Nitrophenol	7.73	139	10235	4.03	ng	# 72
27) 2,4-Dimethylphenol	7.77	122	96661	23.62	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	179747	32.57	ng	97
29) 2,4-Dichlorophenol	7.98	162	31852	7.79	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	156189	33.12	ng	98
31) Naphthalene	8.14	128	483426	35.34	ng	99
33) 4-Chloroaniline	8.19	127	95997	16.90	ng	95
34) Hexachlorobutadiene	8.25	225	101123	34.42	ng	95
35) Caprolactam	8.54	113	36703	30.91	ng	98
36) 4-Chloro-3-methylphenol	8.67	107	73807	18.45	ng	93
37) 2-Methylnaphthalene	8.83	142	307991	32.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	158788	34.04	ng	100
40) Hexachlorocyclopentadiene	8.98	237	82435	39.61	ng	99
42) 2,4,6-Trichlorophenol	9.11	196	8446	2.73	ng	93

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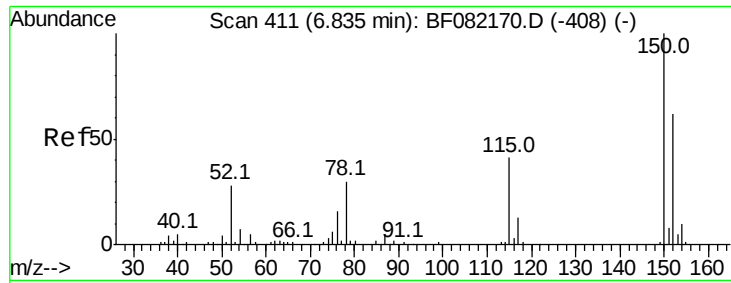
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	13871	4.13	nq	# 88
45) 1,1'-Biphenyl	9.29	154	384353	32.14	nq	99
46) 2-Chloronaphthalene	9.31	162	298215	31.68	nq	# 92
47) 2-Nitroaniline	9.42	65	87658	33.92	nq	96
48) Acenaphthylene	9.74	152	489473	33.38	nq	99
49) Dimethylphthalate	9.60	163	457118	41.39	nq	99
50) 2,6-Dinitrotoluene	9.67	165	78159	33.54	nq	# 84
51) Acenaphthene	9.91	154	296413	33.67	nq	98
52) 3-Nitroaniline	9.84	138	75464	28.67	nq	90
54) Dibenzofuran	10.08	168	447017	36.98	nq	97
56) 2,4-Dinitrotoluene	10.07	165	107586	36.94	nq	# 80
57) Fluorene	10.42	166	349686	35.22	nq	99
59) Diethylphthalate	10.30	149	371005	36.04	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	151546	33.33	nq	96
61) 4-Nitroaniline	10.45	138	81177	31.80	nq	96
62) Azobenzene	10.57	77	330892	32.85	nq	100
65) n-Nitrosodiphenylamine	10.54	169	314136	39.05	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	94362	35.09	nq	93
67) Hexachlorobenzene	10.97	284	109060	37.50	nq	# 91
68) Atrazine	11.06	200	97128	38.11	nq	97
70) Phenanthrene	11.38	178	476692	36.19	nq	99
71) Anthracene	11.44	178	505260	37.23	nq	99
72) Carbazole	11.60	167	432655	34.95	nq	99
73) Di-n-butylphthalate	11.93	149	555728	36.39	nq	99
74) Fluoranthene	12.58	202	419683	29.67	nq	98
76) Benzidine	12.72	184	100507	21.70	nq	# 90
77) Pyrene	12.82	202	391515	41.27	nq	98
79) Butylbenzylphthalate	13.46	149	167131	38.60	nq	91
80) Benzo(a)anthracene	14.07	228	293959	35.34	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	67482	21.37	nq	# 96
82) Chrysene	14.12	228	299355	34.16	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	216207	35.00	nq	99
84) Di-n-octyl phthalate	14.76	149	342011	32.24	nq	# 78
85) Indeno(1,2,3-cd)pyrene	17.13	276	355404	51.02	nq	98
87) Benzo(b)fluoranthene	15.22	252	287548m	32.08	nq	
88) Benzo(k)fluoranthene	15.25	252	281554m	37.37	nq	
89) Benzo(a)pyrene	15.59	252	265768	34.50	nq	# 76
90) Dibenzo(a,h)anthracene	17.14	278	295510	46.81	nq	# 95
91) Benzo(g,h,i)perylene	17.57	276	295396	48.17	nq	98

(#) = 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

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Instrument :

BNA_F

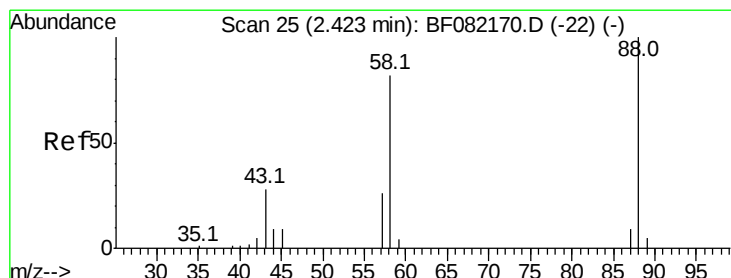
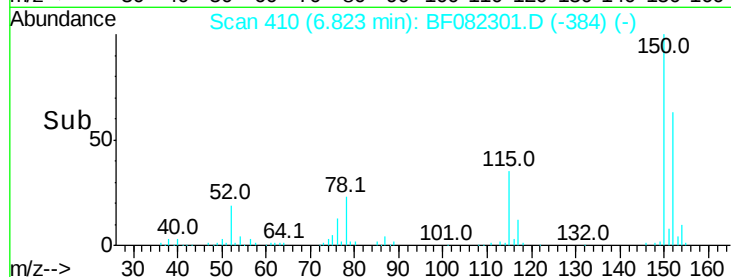
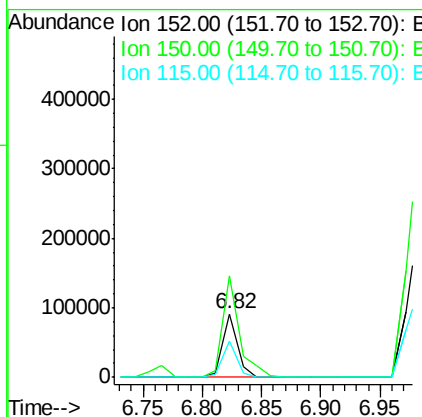
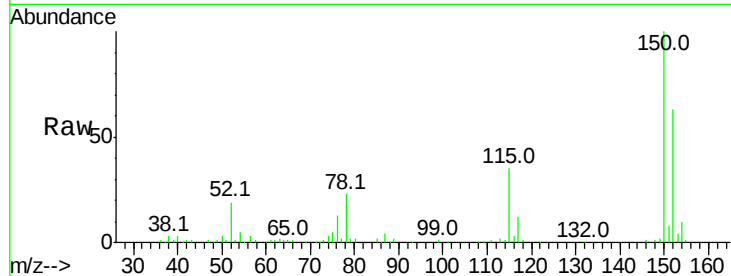
ClientSampleId :

LF-1MS

Tot Ion:	152	Resp:	79498
Ion Ratio	Lower	Upper	
152	100		
150	159.5	129.0	193.4
115	56.3	52.1	78.1

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#2

1,4-Dioxane

Concen: 24.26 ng

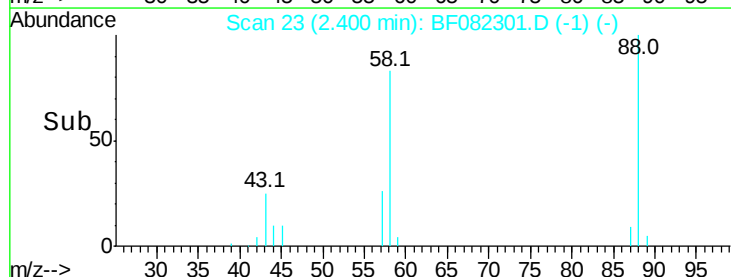
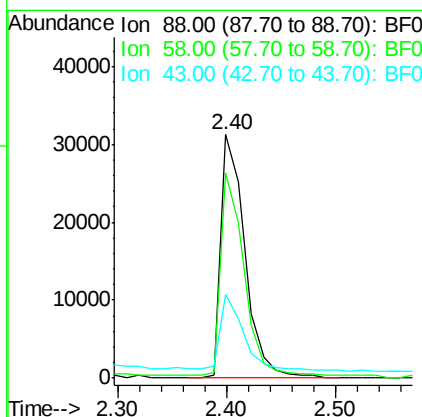
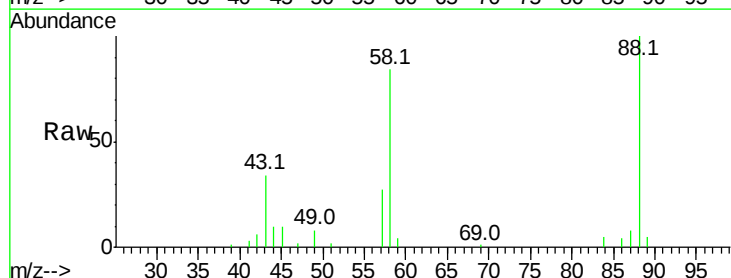
RT: 2.40 min Scan# 23

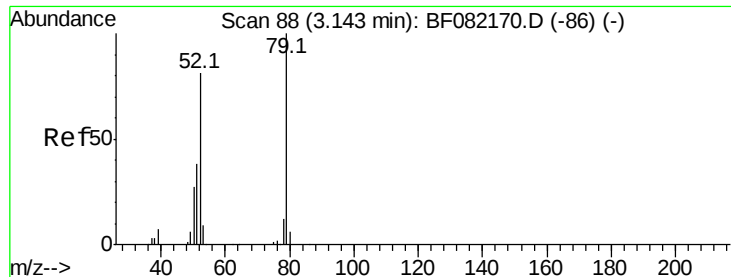
Delta R.T. 0.03 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	88	Resp:	48019
Ion Ratio	Lower	Upper	
88	100		
58	86.3	66.2	99.4
43	31.8	23.0	34.4





#3

Pvridine

Concen: 29.38 ng

RT: 3.12 min Scan# 86

Delta R.T. 0.03 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

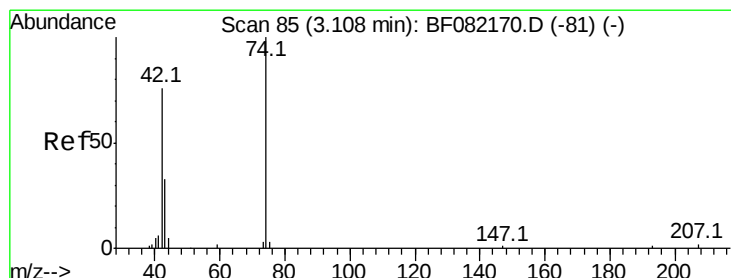
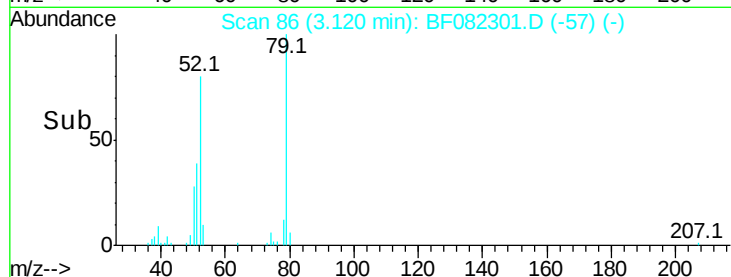
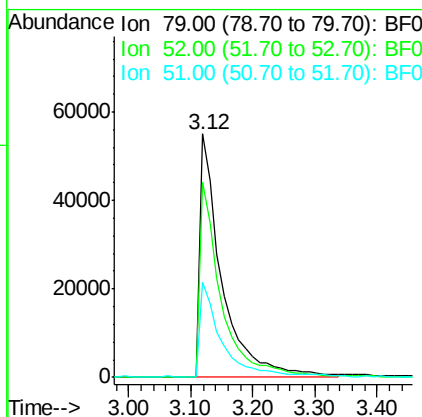
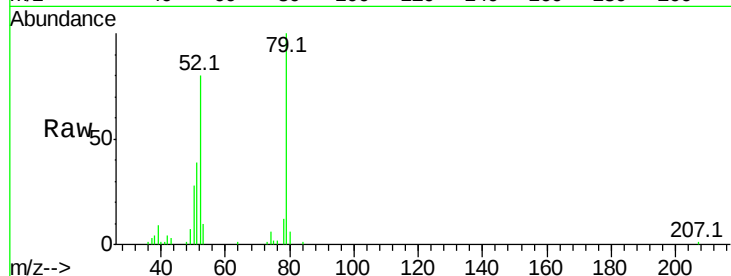
ClientSampleId :

LF-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		135250		
52	80.1	64.4	96.6		
51	39.2	30.5	45.7		

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#4

n-Nitrosodimethylamine

Concen: 28.17 ng

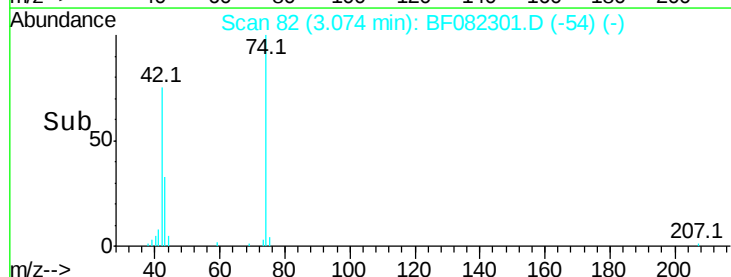
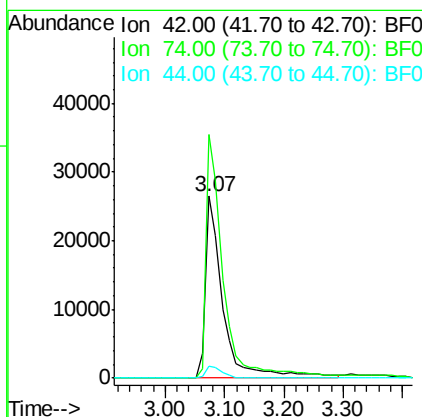
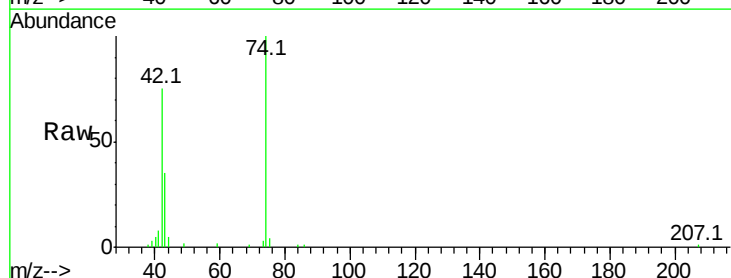
RT: 3.07 min Scan# 82

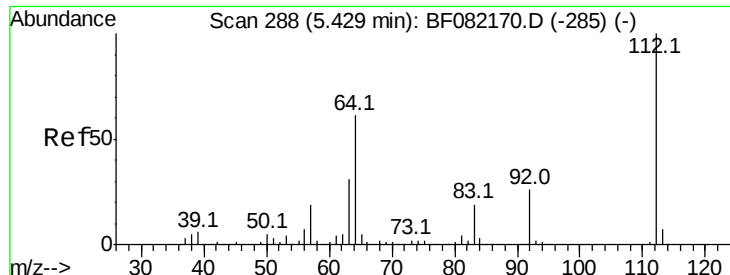
Delta R.T. 0.02 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		54996		
74	134.1	105.7	158.5		
44	6.9	5.4	8.2		





#5

2-Fluorophenol

Concen: 25.09 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

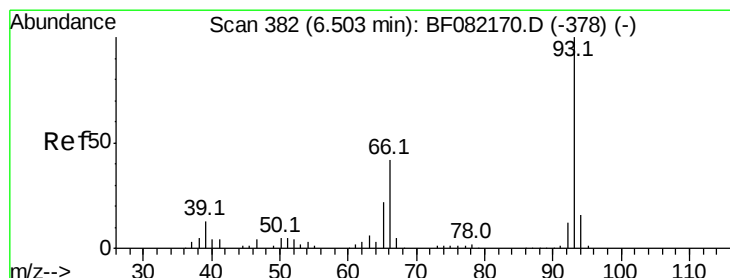
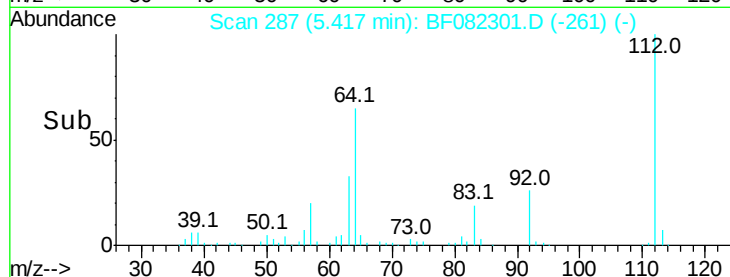
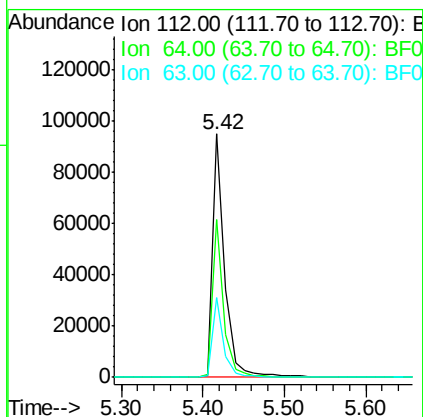
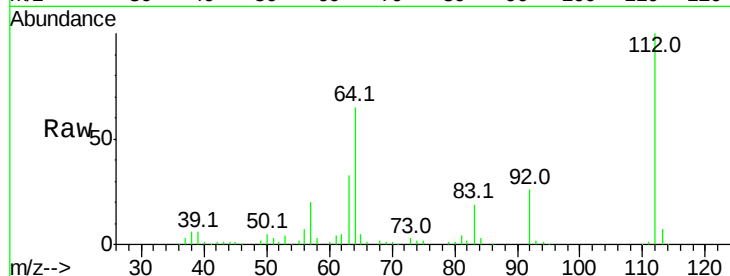
ClientSampleId :

LF-1MS

Tot Ion:	112	Resp:	98839
Ion Ratio	Lower	Upper	
112	100		
64	64.6	48.6	73.0
63	32.7	25.1	37.7

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#6

Aniline

Concen: 15.35 ng

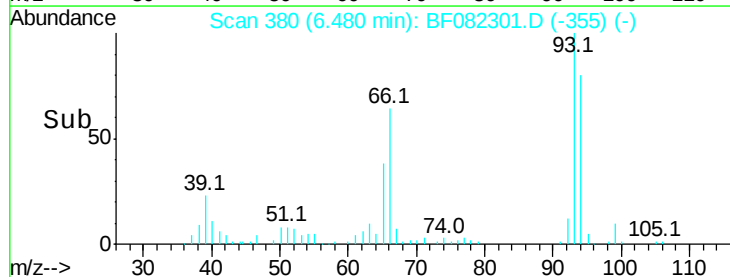
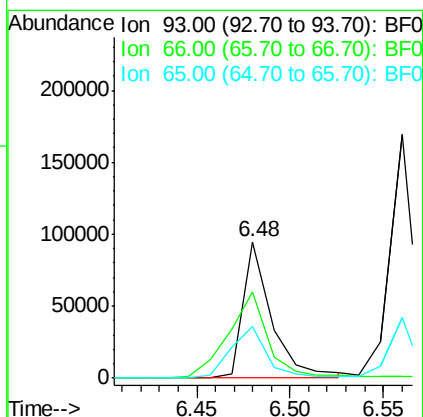
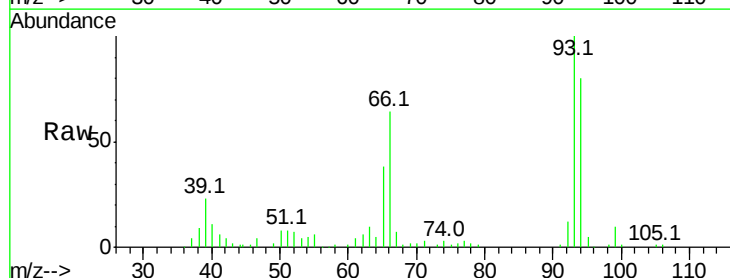
RT: 6.48 min Scan# 380

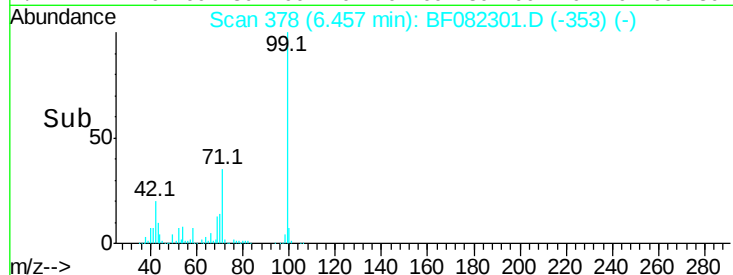
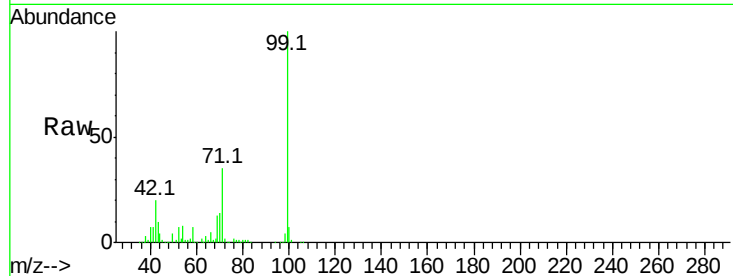
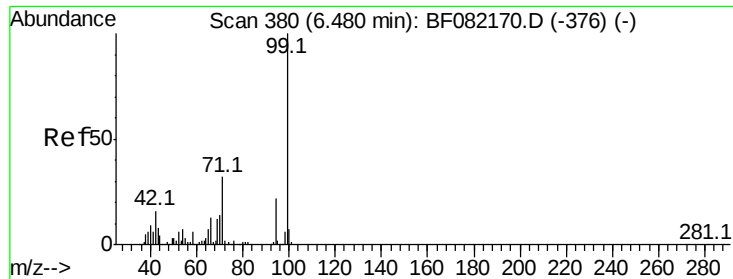
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	93	Resp:	101455
Ion Ratio	Lower	Upper	
93	100		
66	63.6	34.2	51.2#
65	37.6	17.9	26.9#





#7

Phenol-d6

Concen: 60.81 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tot Ion:	99	Resp:	311710
Ion Ratio	Lower	Upper	
99	100		
42	19.5	13.2	19.8
71	35.2	25.6	38.4

Instrument :

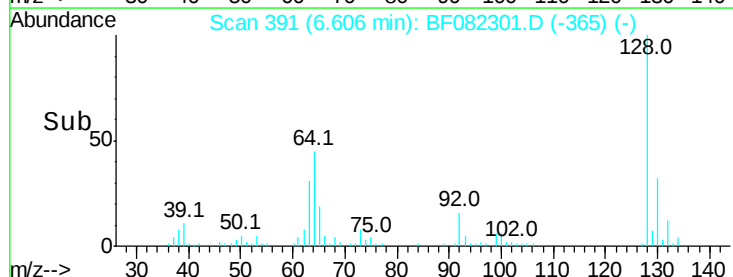
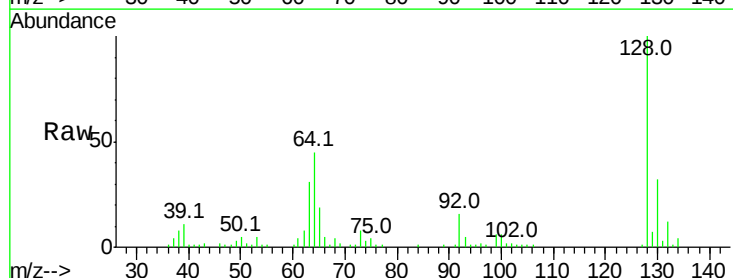
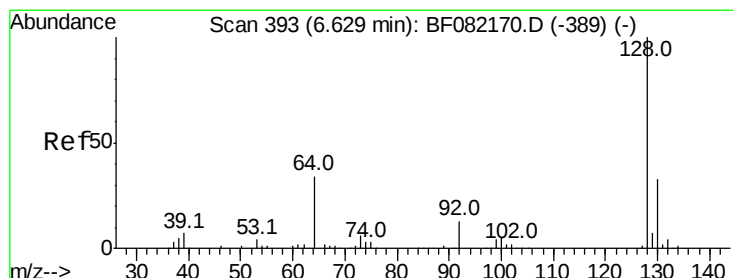
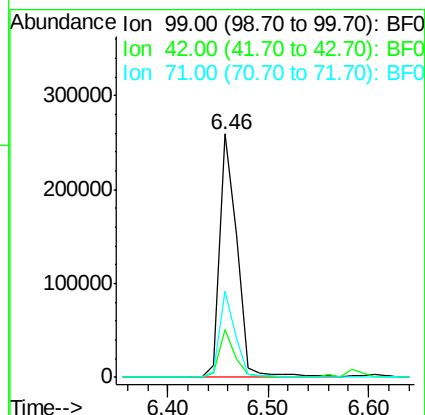
BNA_F

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#8

2-Chlorophenol

Concen: 11.03 ng

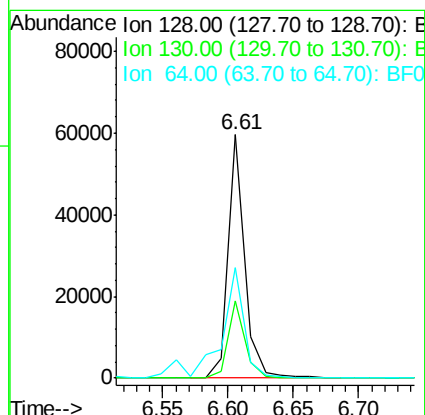
RT: 6.61 min Scan# 391

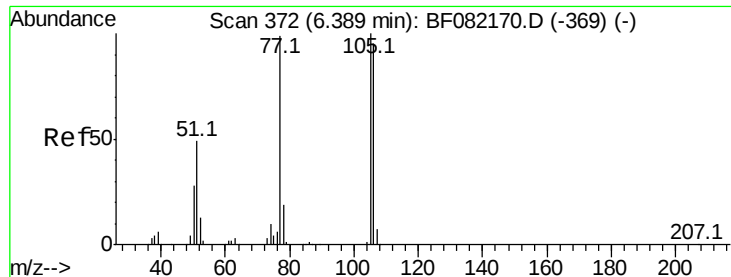
Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	128	Resp:	53051
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.6	52.6
64	45.3	16.7	56.7





#9

Benzaldehyde

Concen: 26.43 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

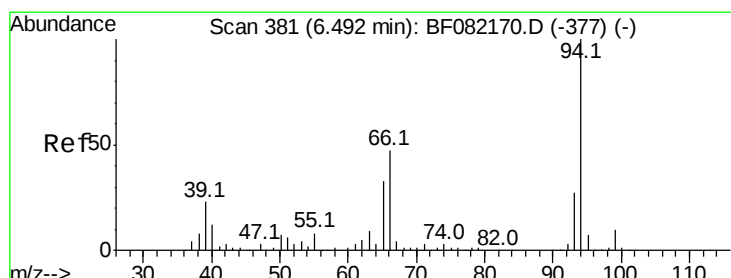
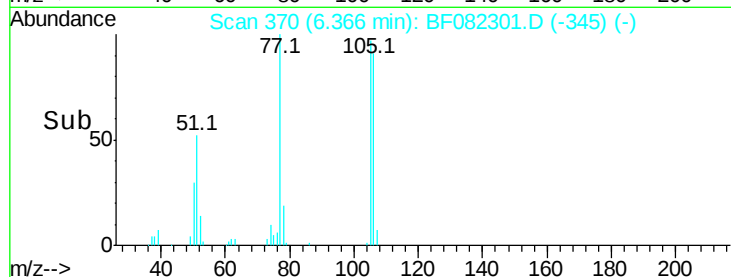
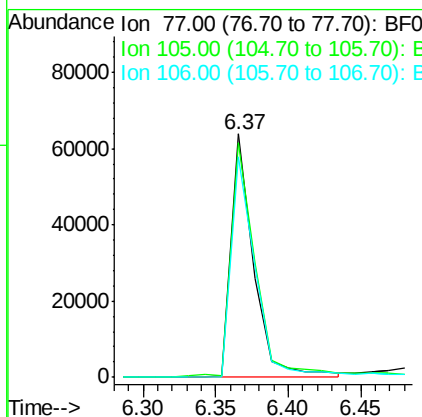
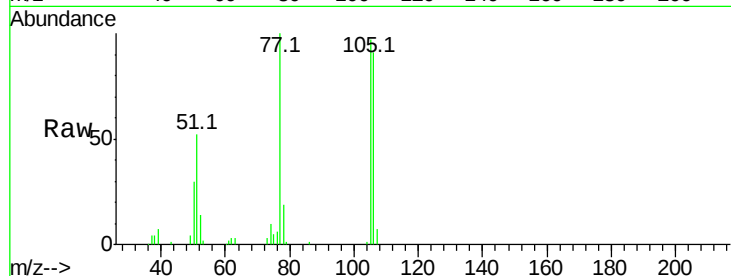
ClientSampleId :

LF-1MS

Manual Integrations
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Tot Ion:	77	Resp:	69187
Ion Ratio	Lower	Upper	
77	100		
105	96.6	80.6	120.6
106	90.7	75.5	115.5



#10

Phenol

Concen: 18.55 ng

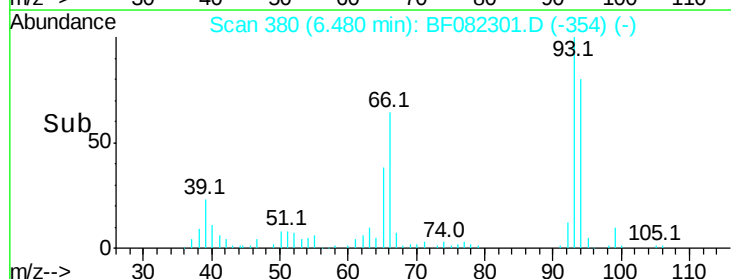
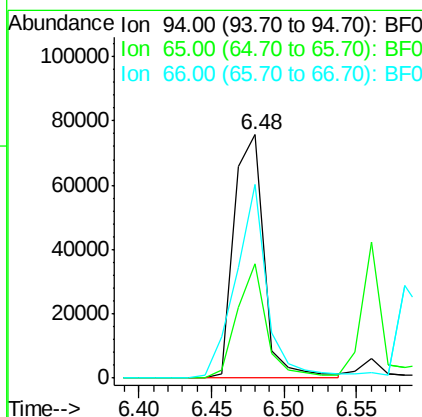
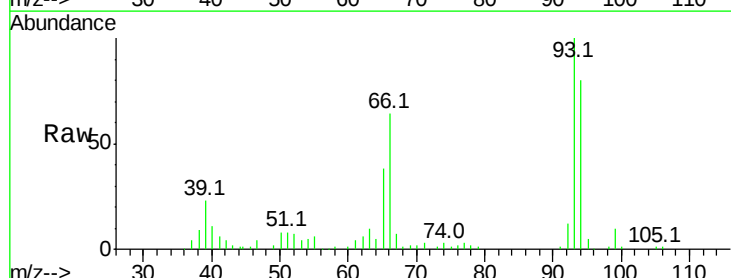
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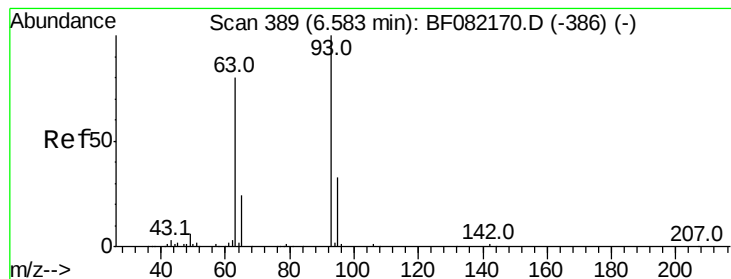
Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	94	Resp:	109629
Ion Ratio	Lower	Upper	
94	100		
65	46.9	12.6	52.6
66	79.5	27.3	67.3#





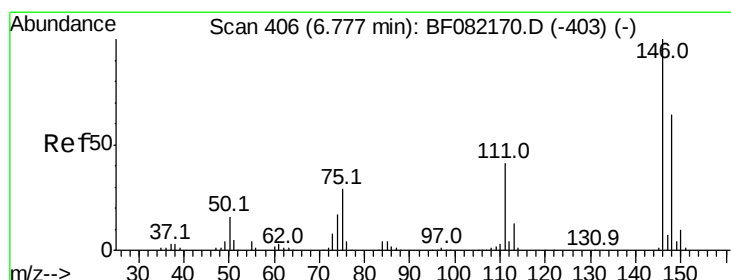
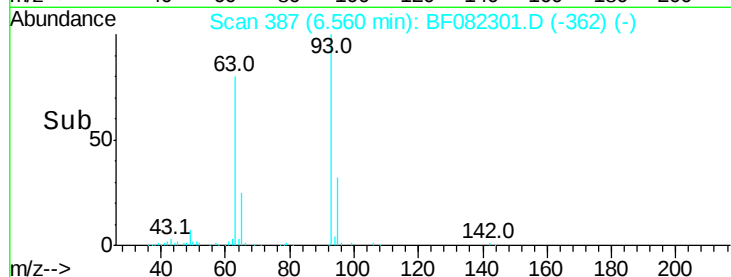
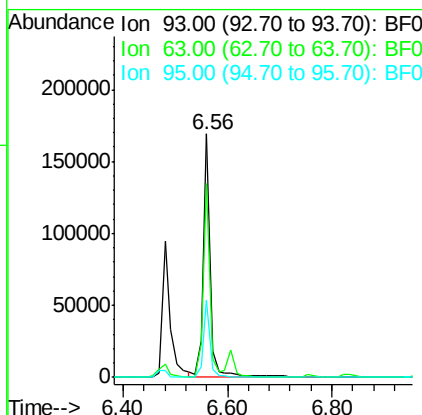
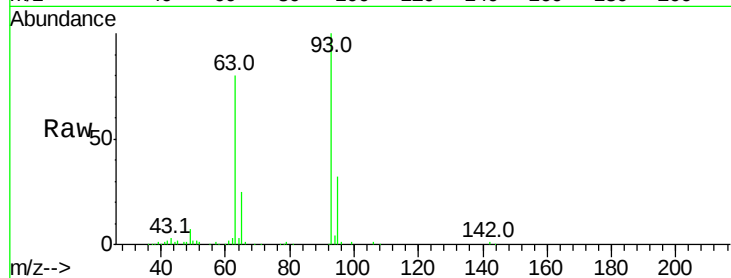
#11
bis(2-Chloroethyl)ether
Concen: 32.06 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.7	57.1	97.1
95	31.7	11.9	51.9

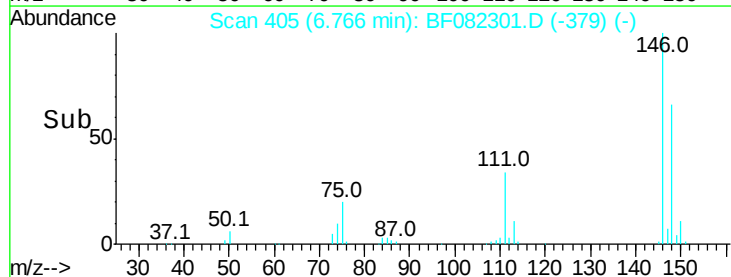
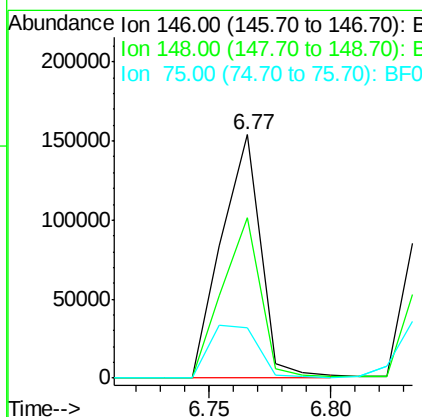
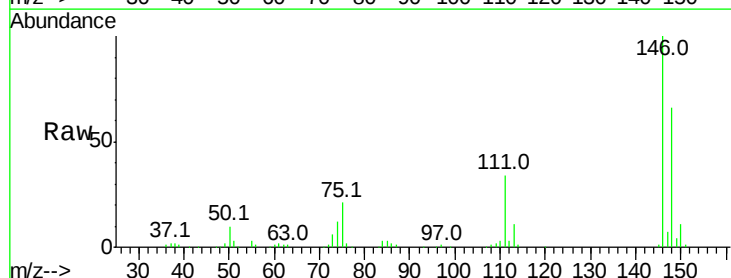
Manual Integrations
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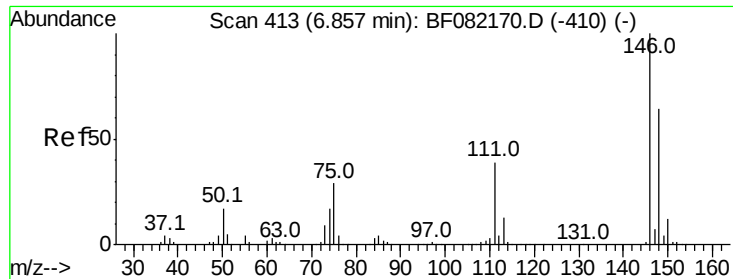
MMdadoda
10/16/2015 4:15:48 PM



#12
1,3-Dichlorobenzene
Concen: 30.92 ng m
RT: 6.77 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
75	20.6	23.0	34.6





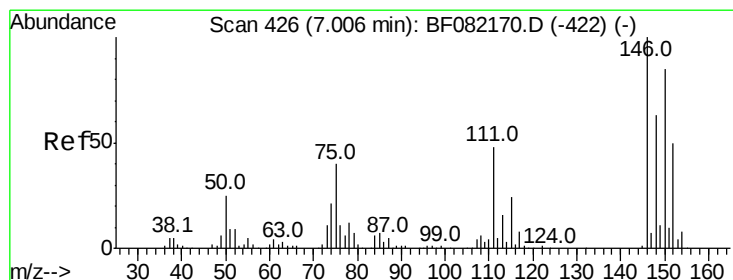
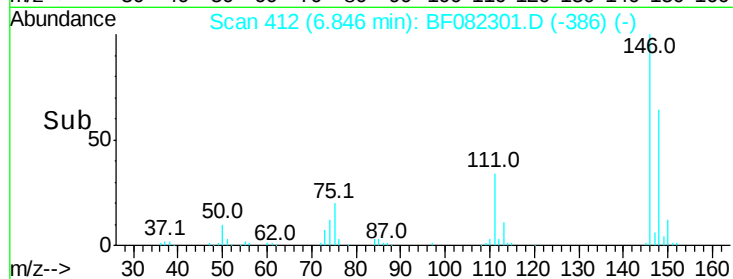
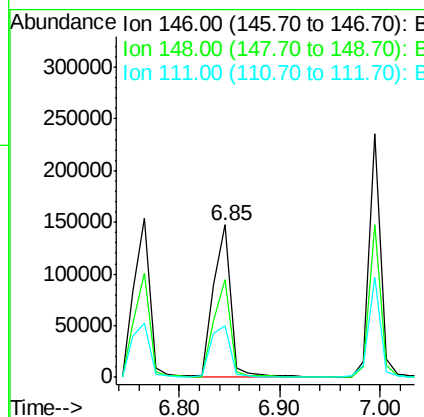
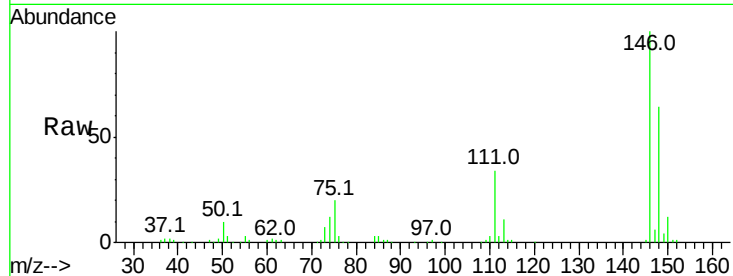
#13
 1,4-Dichlorobenzene
 Concen: 30.36 ng
 RT: 6.85 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.0	76.4
111	33.7	31.1	46.7

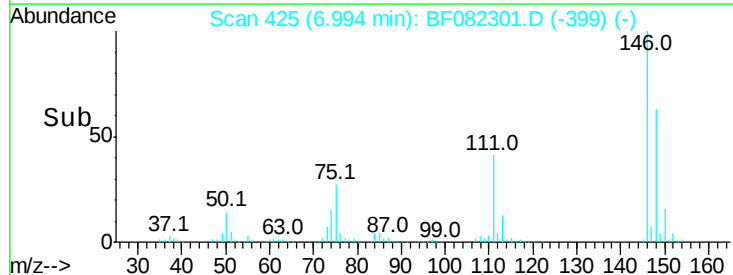
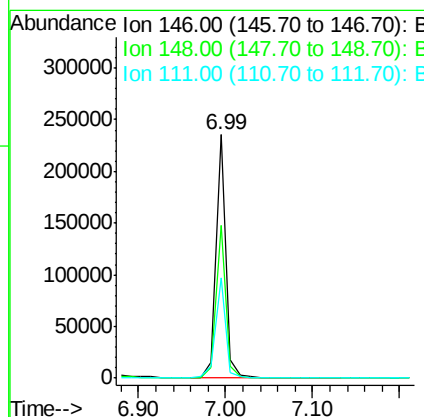
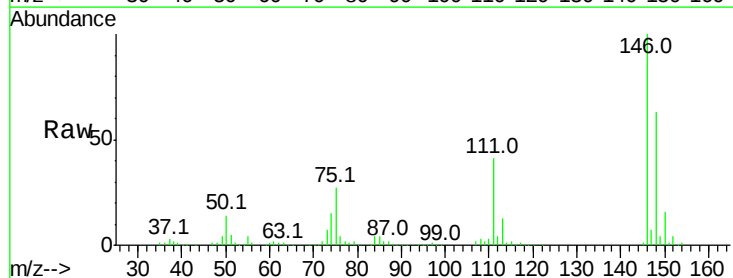
Manual Integrations
 APPROVED

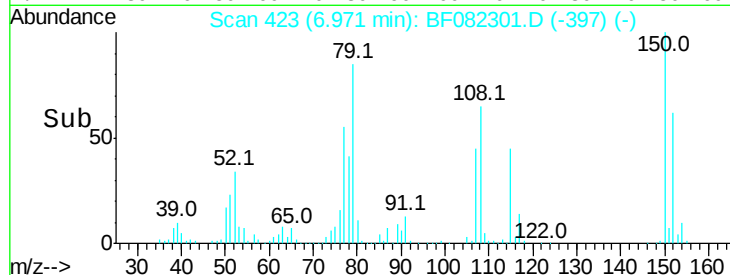
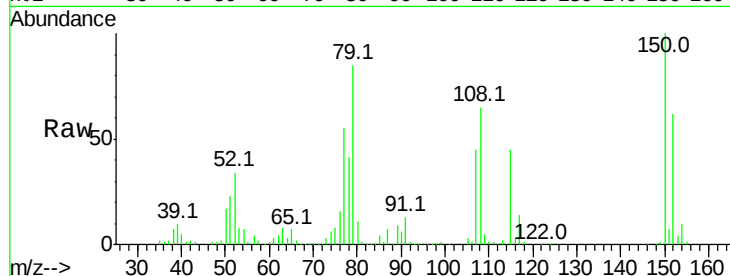
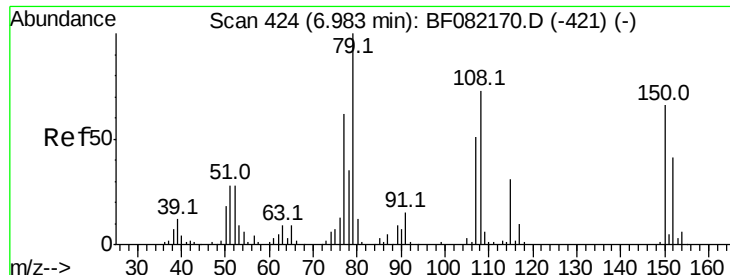
MMdadoda
 10/16/2015 4:15:48 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.29 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.5	75.7
111	41.4	38.5	57.7





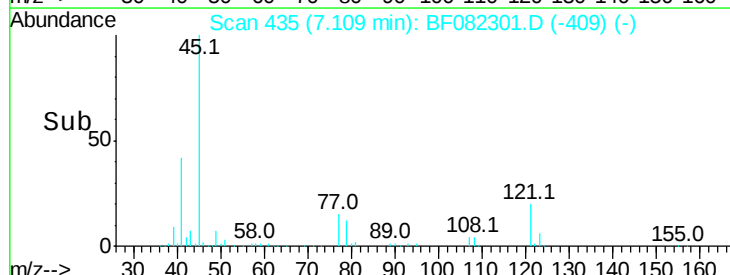
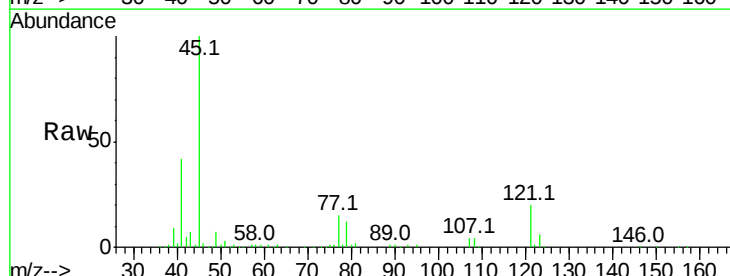
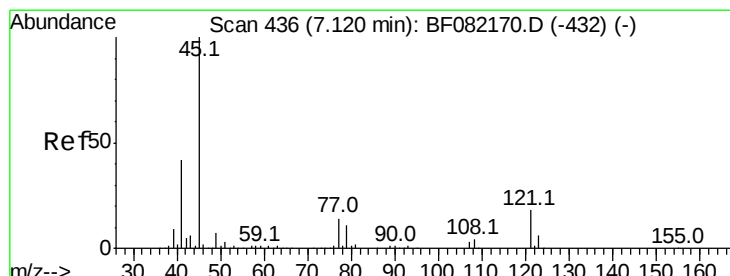
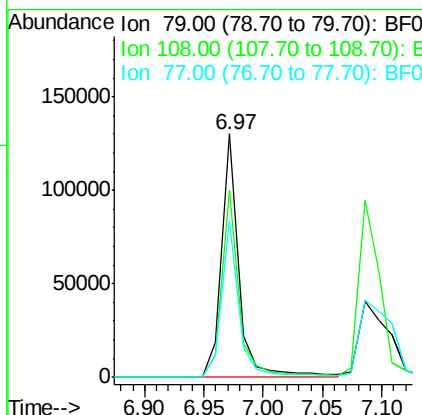
#15
Benzvl Alcohol
Concen: 37.03 ng
RT: 6.97 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	58.4	87.6
77	64.3	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
LF-1MS

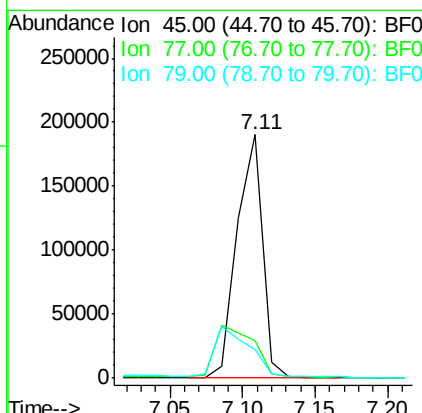
Manual Integrations
APPROVED

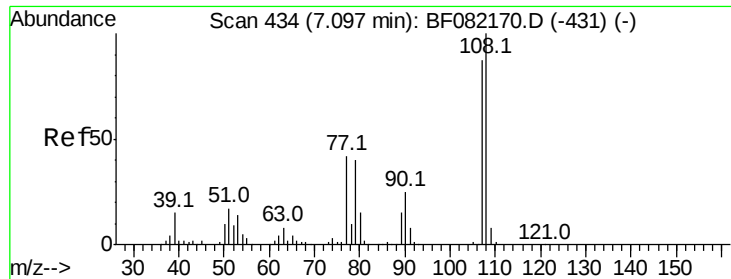
MMdadoda
10/16/2015 4:15:48 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.44 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.5
79	12.0	0.0	31.6





#17

2-Methylphenol

Concen: 26.89 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

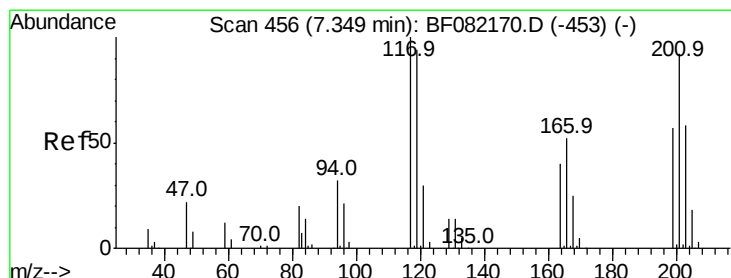
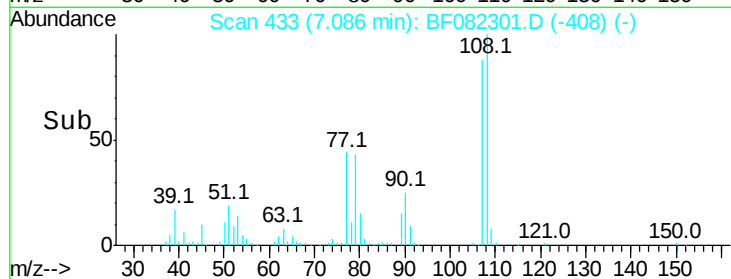
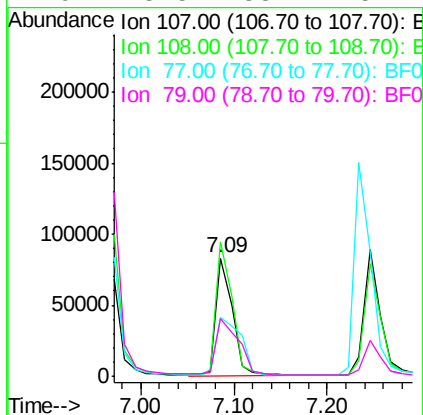
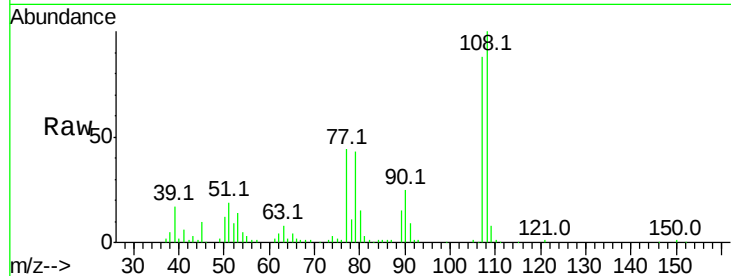
ClientSampled :

LF-1MS

Tot Ion:	107	Resp:	102236
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.2	138.2
77	50.0	39.6	59.4
79	48.5	38.2	57.4

Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:48 PM



#18

Hexachloroethane

Concen: 30.94 ng

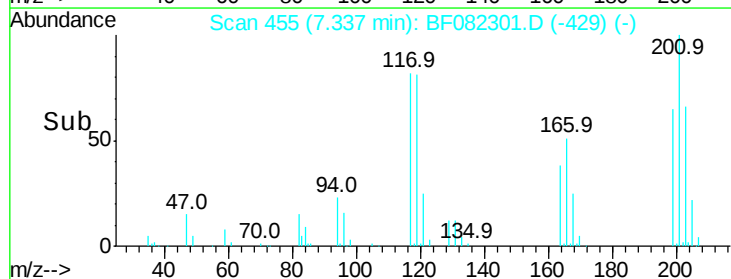
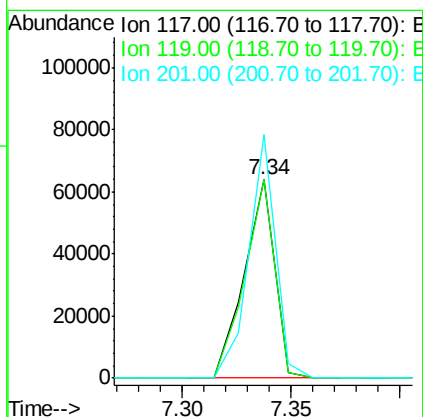
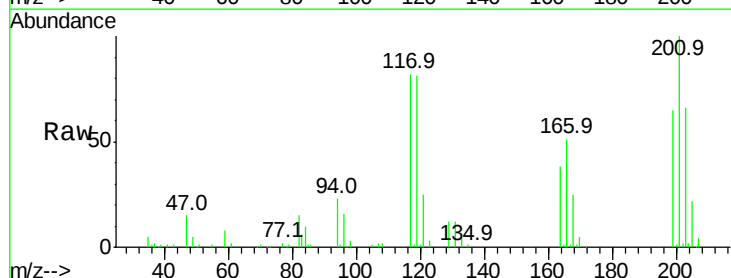
RT: 7.34 min Scan# 455

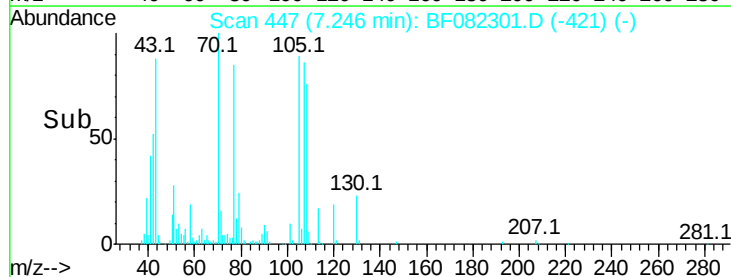
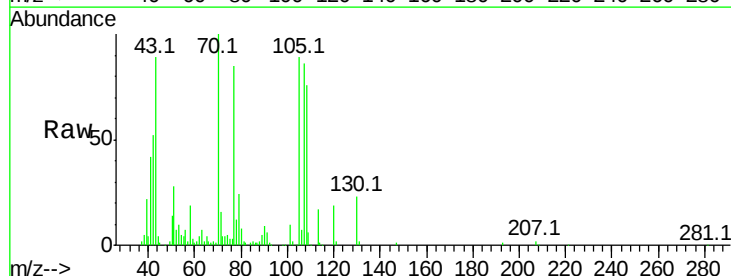
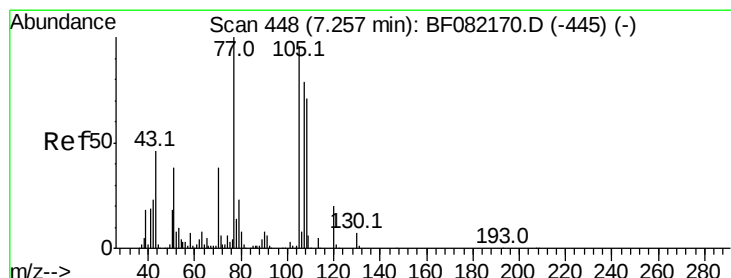
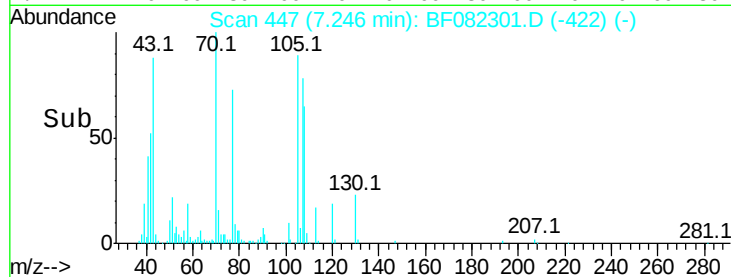
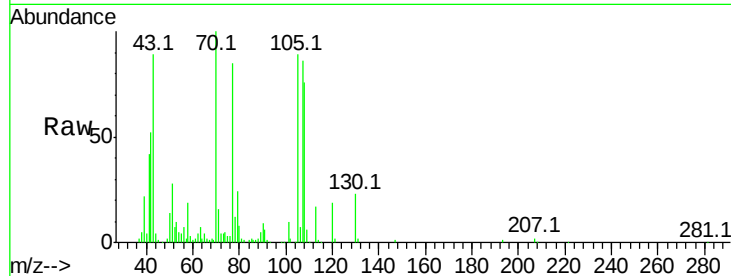
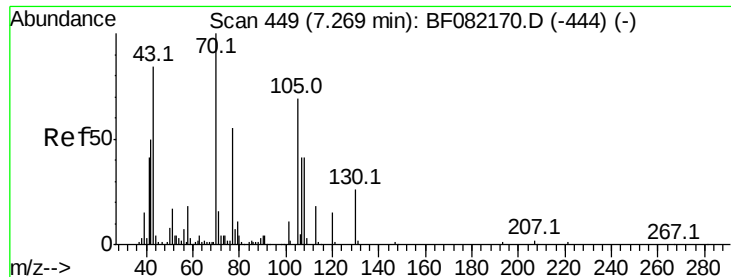
Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

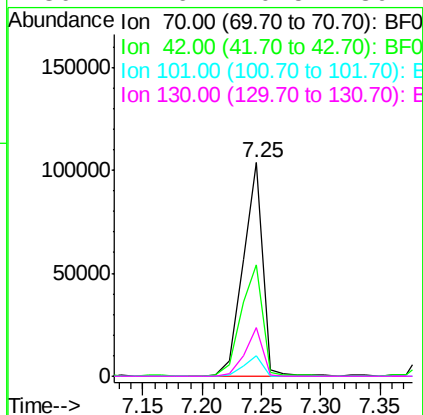
Tgt Ion:	117	Resp:	61933
Ion Ratio	Lower	Upper	
117	100		
119	99.8	75.4	113.2
201	122.5	73.4	110.0#





#19
n-Nitroso-di-n-propylamine
Concen: 33.11 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.4	39.8	59.8		
101	9.9	8.6	13.0		
130	22.6	20.5	30.7		



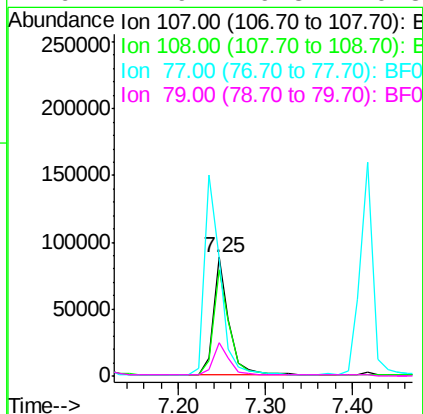
Instrument :
BNA_F
ClientSampleId :
LF-1MS

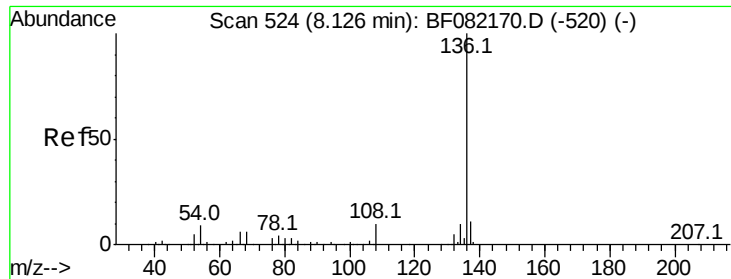
Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:48 PM

#20
3+4-Methylphenols
Concen: 25.06 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	69.9	109.9		
77	98.7	106.0	146.0#		
79	27.9	9.8	49.8		





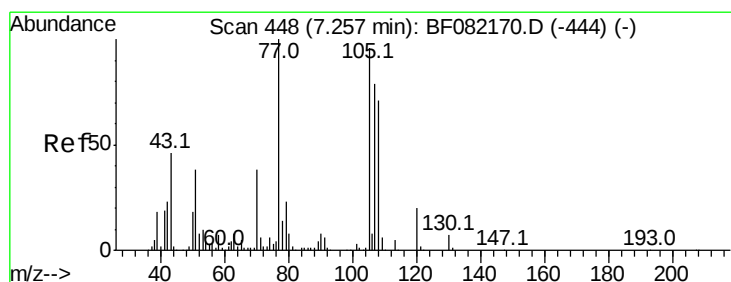
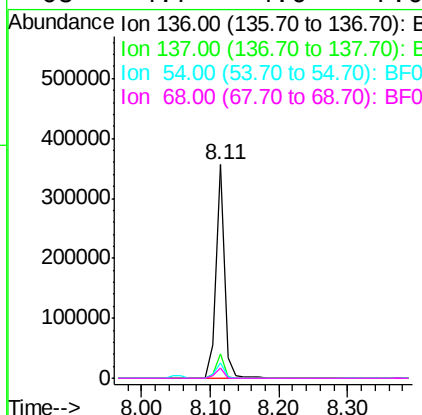
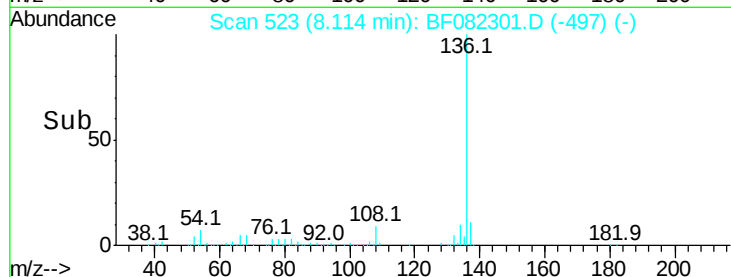
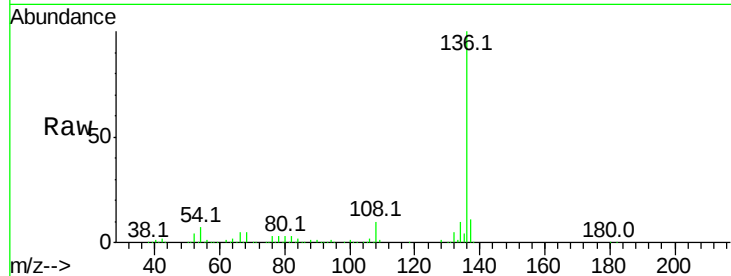
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	7.4	7.5	11.3	
68	4.7	4.6	7.0	

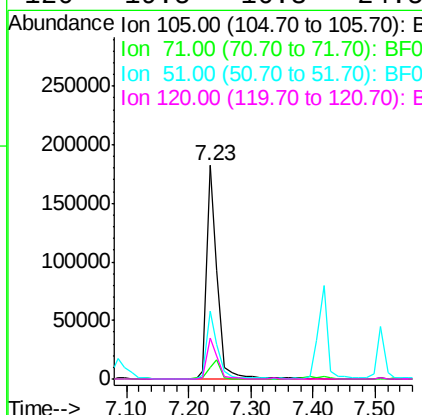
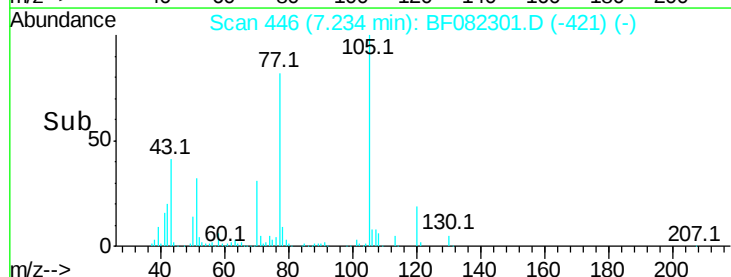
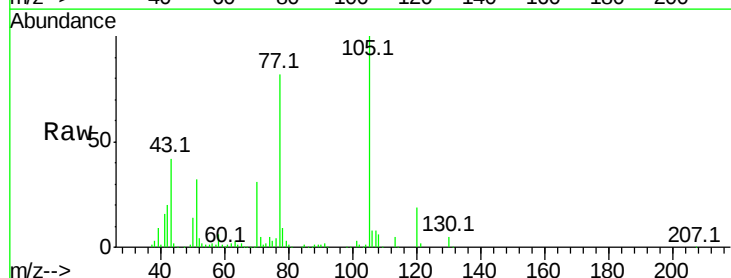
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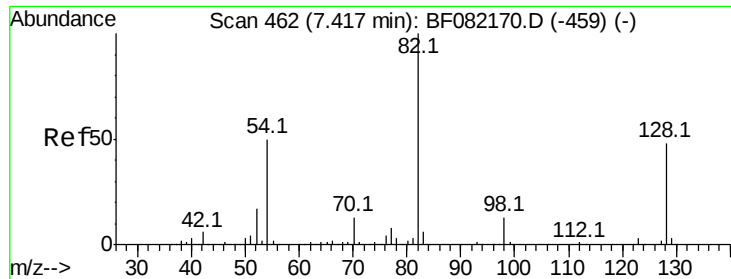
MMdadoda
10/16/2015 4:15:48 PM



#22
Acetophenone
Concen: 34.40 ng
RT: 7.23 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	5.4	8.0	
51	32.0	31.8	47.6	
120	19.5	16.3	24.5	





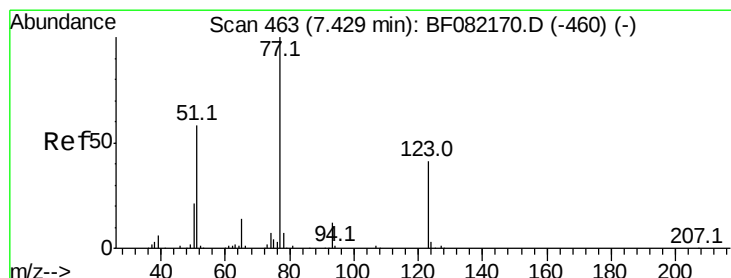
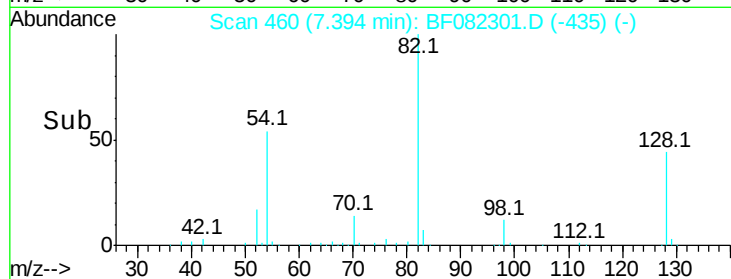
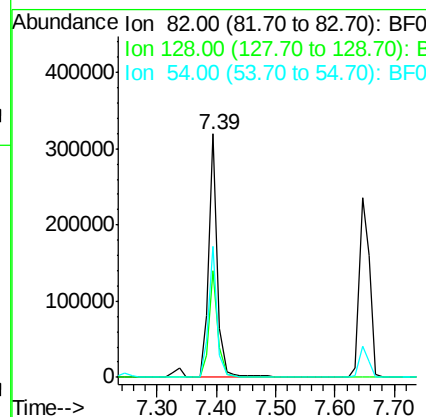
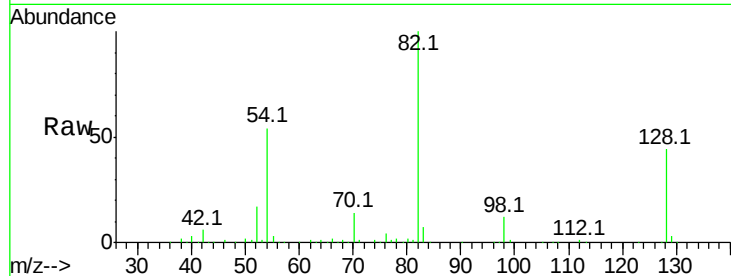
#23
Nitrobenzene-d5
Concen: 72.54 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampled :
LF-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	38.7	58.1
54	54.0	40.1	60.1

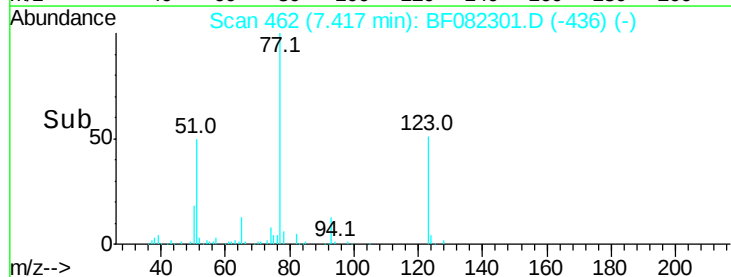
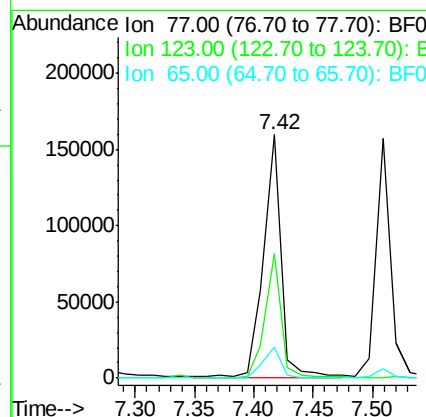
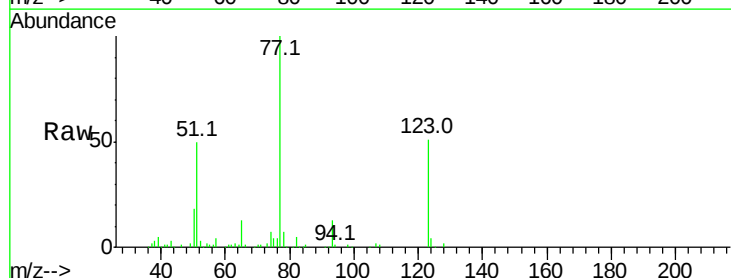
Manual Integrations
APPROVED

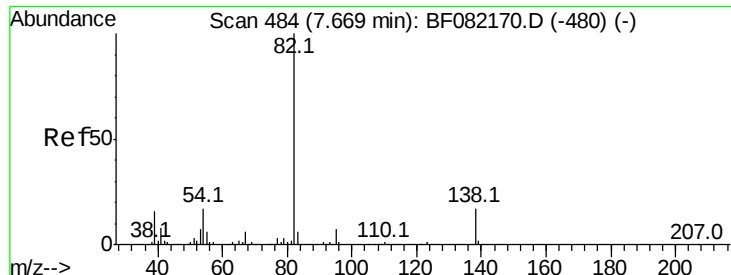
MMdadoda
10/16/2015 4:15:48 PM



#24
Nitrobenzene
Concen: 32.62 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.3	33.0	49.4#
65	12.8	11.2	16.8





#25

Isophorone

Concen: 29.83 ng

RT: 7.65 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

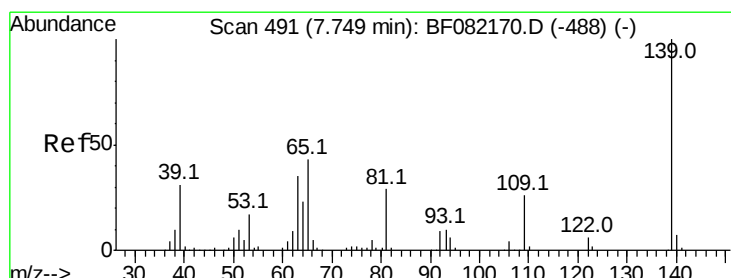
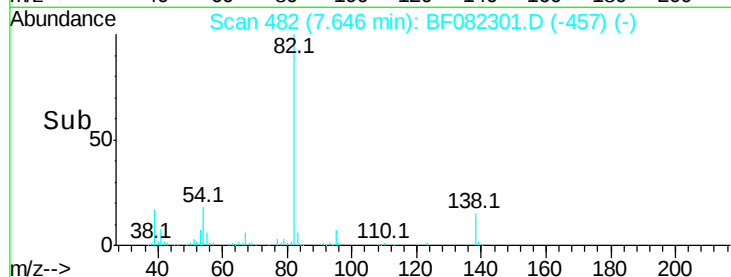
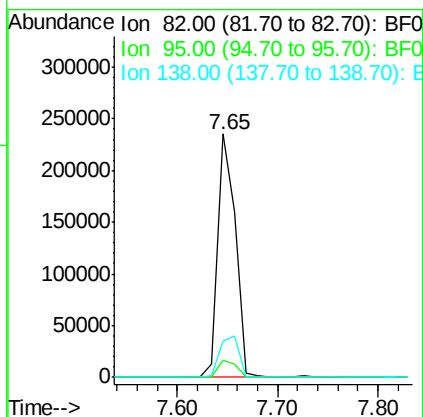
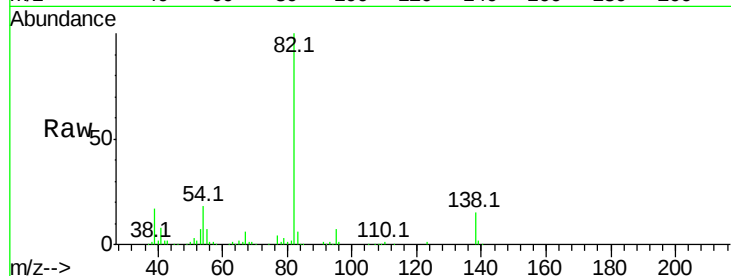
ClientSampleId :

LF-1MS

Tot Ion:	82	Resp:	282965
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.6	8.4
138	14.8	13.6	20.4

Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:48 PM



#26

2-Nitrophenol

Concen: 4.03 ng

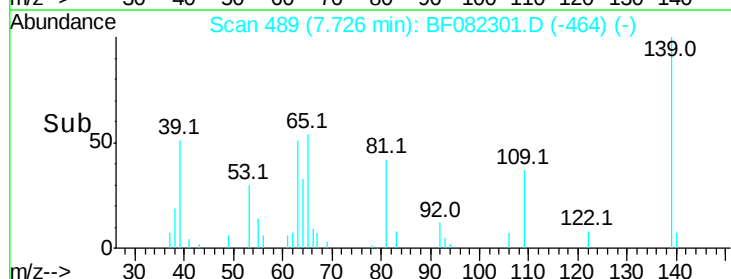
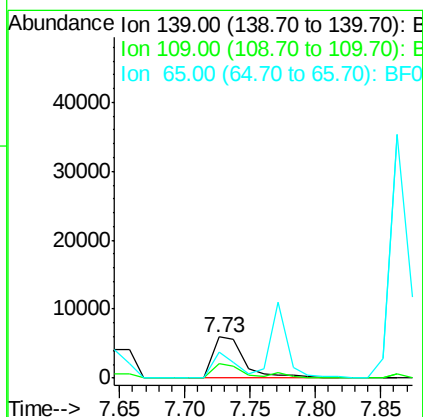
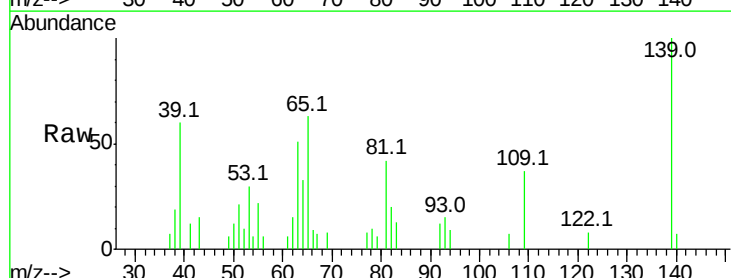
RT: 7.73 min Scan# 489

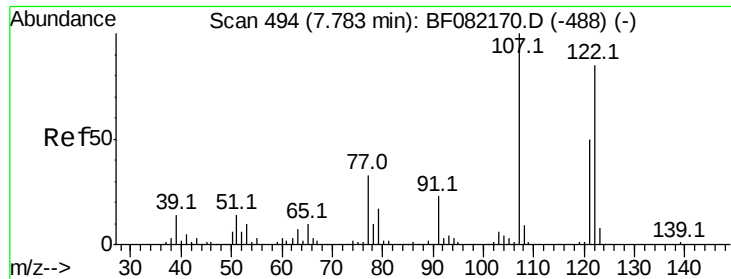
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	139	Resp:	10235
Ion Ratio	Lower	Upper	
139	100		
109	36.6	20.6	31.0#
65	63.1	34.3	51.5#





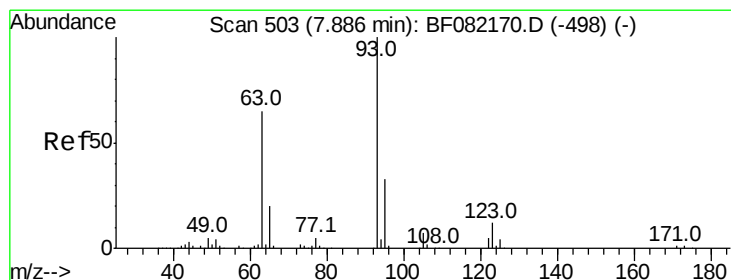
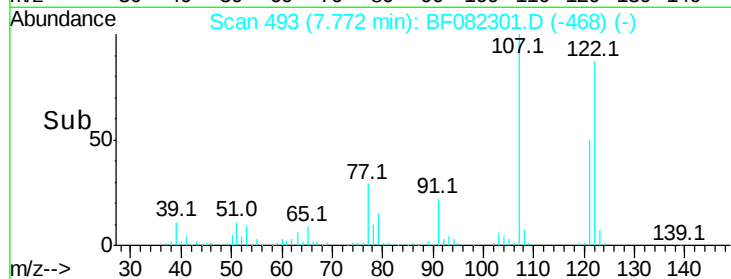
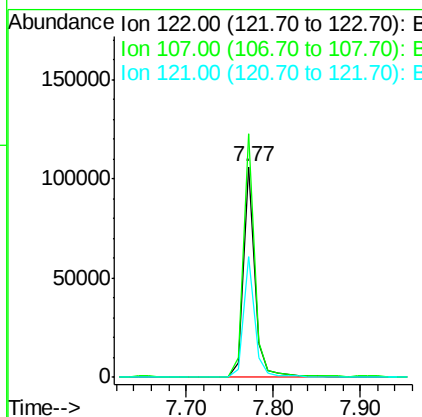
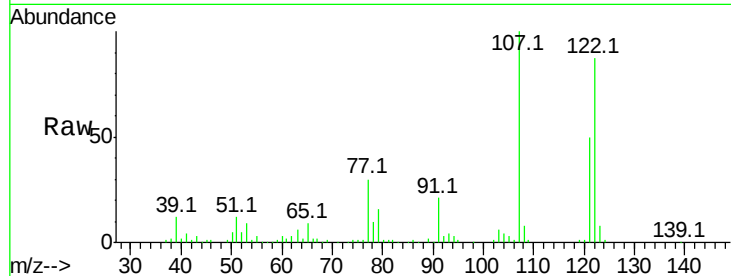
#27
2,4-Dimethylphenol
Concen: 23.62 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.5	94.0	141.0
121	57.5	46.8	70.2

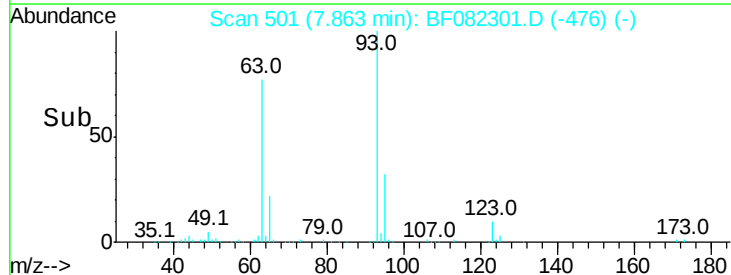
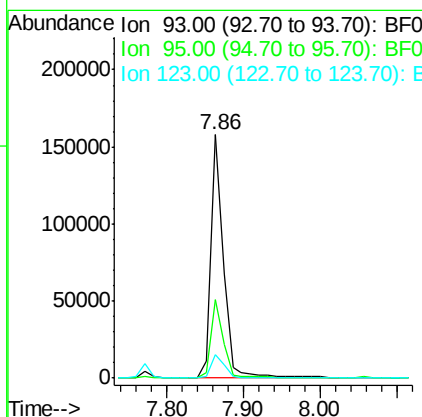
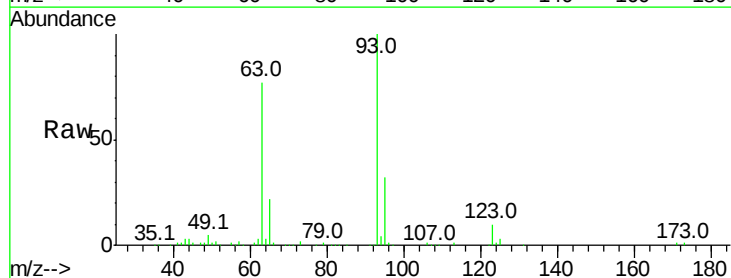
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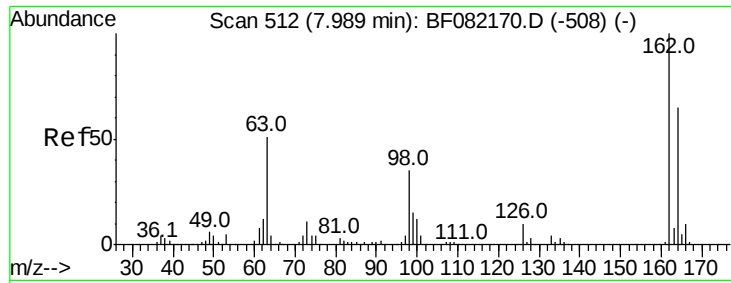
MMdadoda
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#28
bis(2-Chloroethoxy)methane
Concen: 32.57 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.6	39.8
123	9.6	9.5	14.3





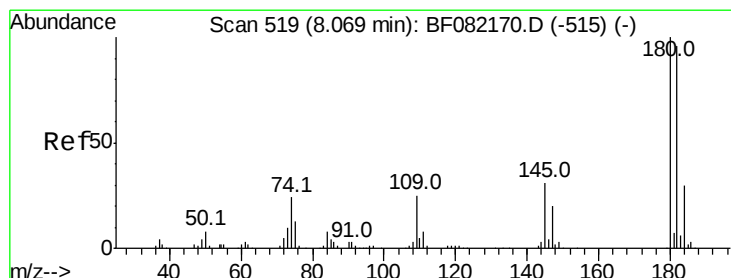
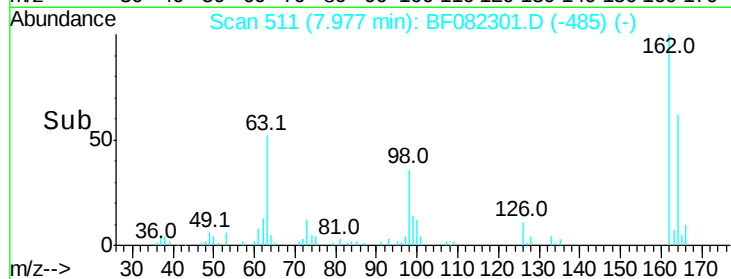
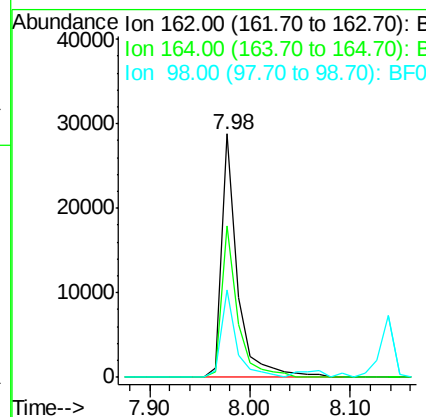
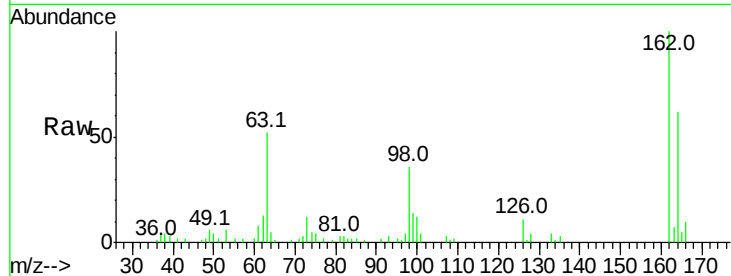
#29
 2,4-Dichlorophenol
 Concen: 7.79 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:	162	Resp:	31852
Ion Ratio	Lower	Upper	
162	100		
164	62.1	44.6	84.6
98	36.2	15.0	55.0

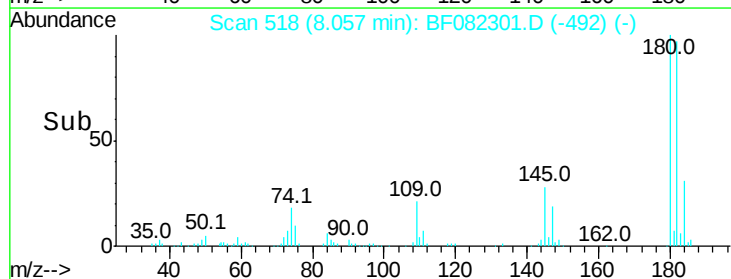
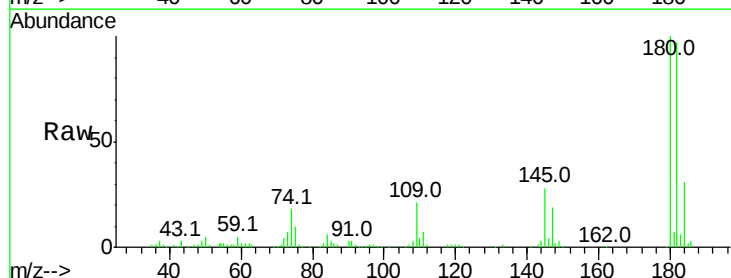
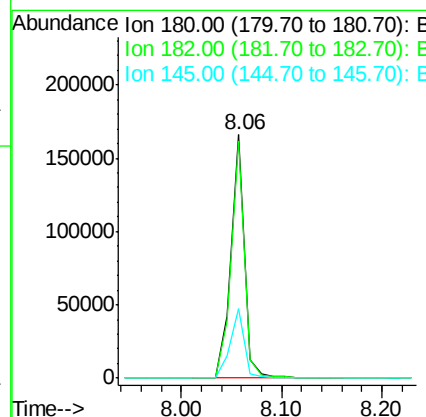
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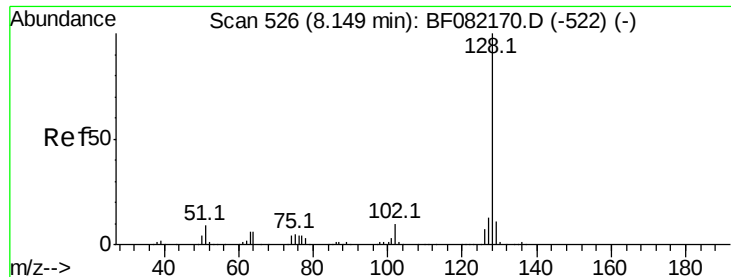
MMdadoda
 10/16/2015 4:15:48 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.12 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion:	180	Resp:	156189
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.0	115.4
145	28.4	25.0	37.4





#31

Naphthalene

Concen: 35.34 ng

RT: 8.14 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

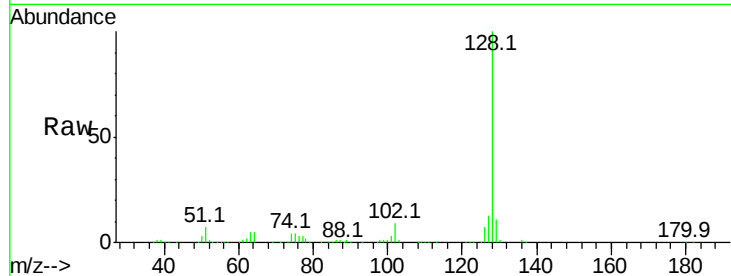
ClientSampleId :

LF-1MS

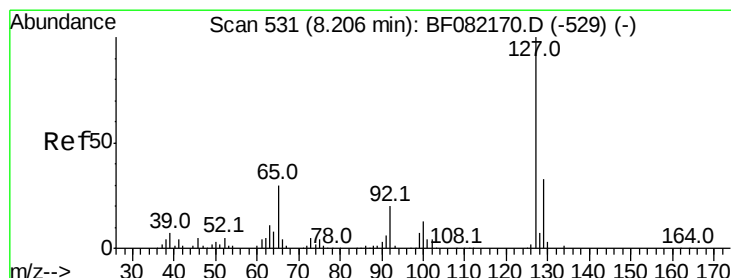
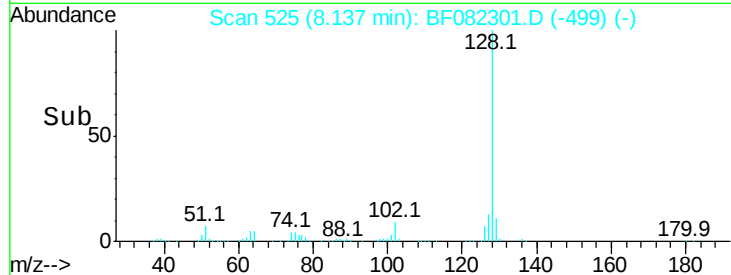
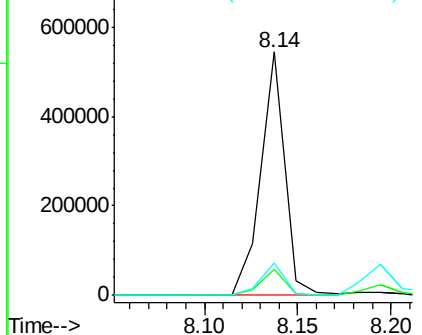
Tot Ion:	128	Resp:	483426
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.1	13.7
127	13.3	10.7	16.1

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



#33

4-Chloroaniline

Concen: 16.90 ng

RT: 8.19 min Scan# 530

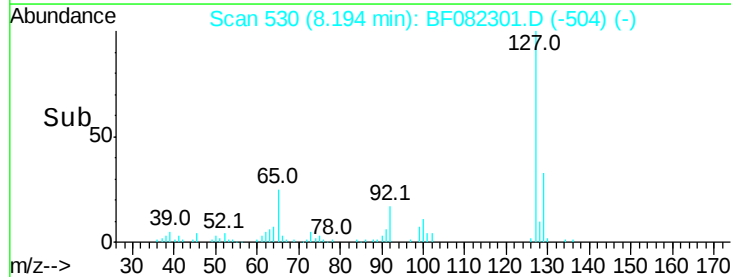
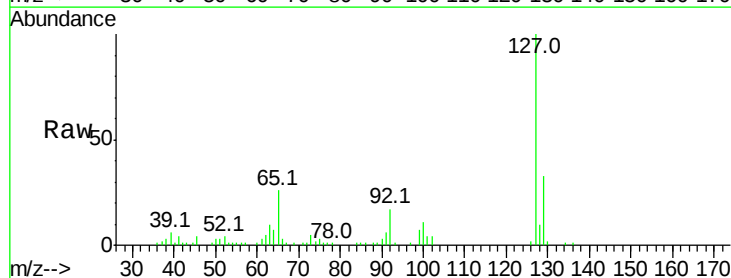
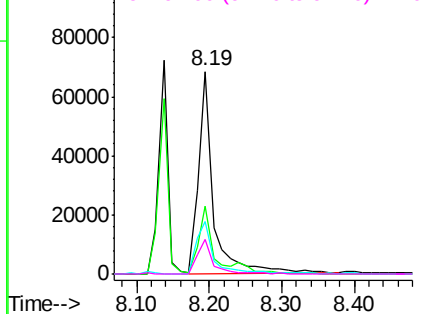
Delta R.T. 0.00 min

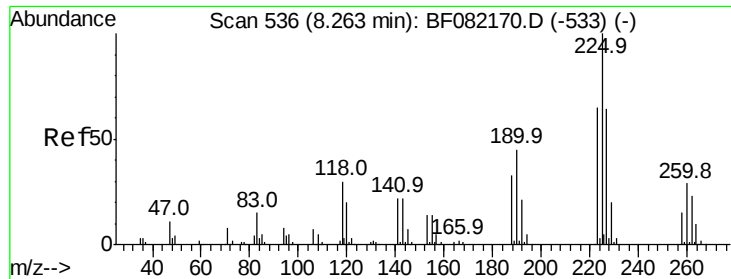
Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	127	Resp:	95997
Ion Ratio	Lower	Upper	
127	100		
129	33.4	26.3	39.5
65	26.1	24.4	36.6
92	17.2	15.7	23.5

Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 34.42 ng

RT: 8.25 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

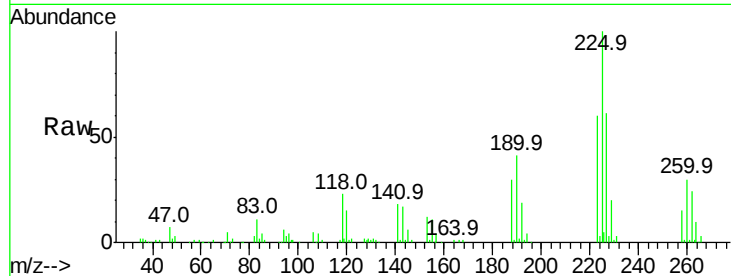
ClientSampleId :

LF-1MS

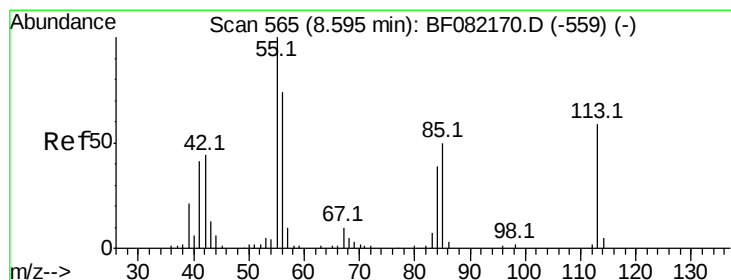
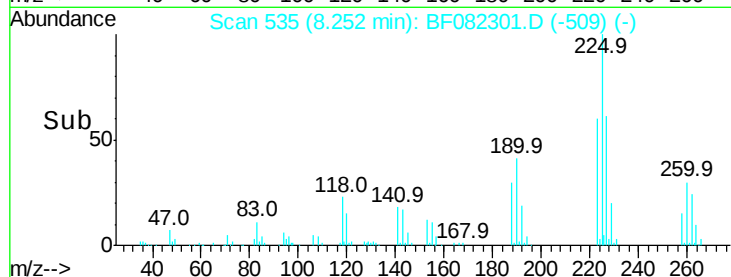
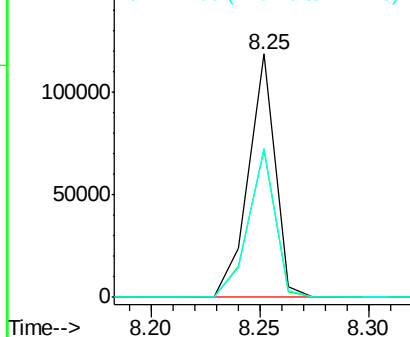
Tot Ion:	225	Resp:	101123
Ion Ratio	Lower	Upper	
225	100		
223	60.5	52.2	78.2
227	60.9	51.3	76.9

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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: 30.91 ng

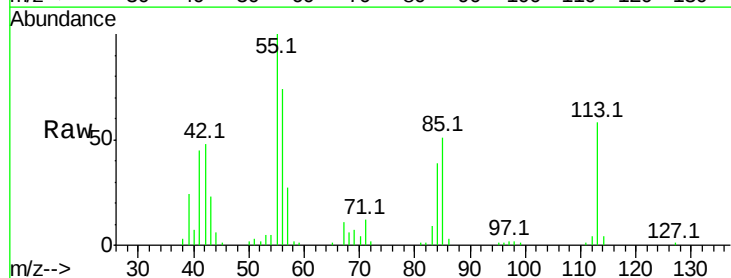
RT: 8.54 min Scan# 560

Delta R.T. -0.05 min

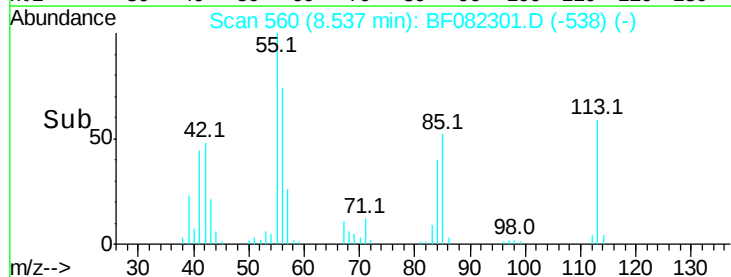
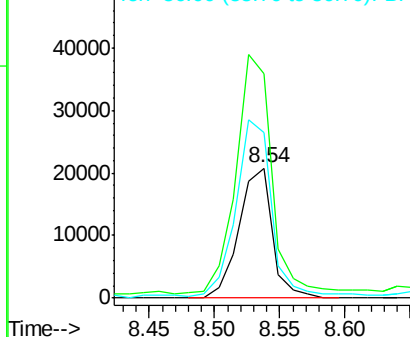
Lab File: BF082301.D

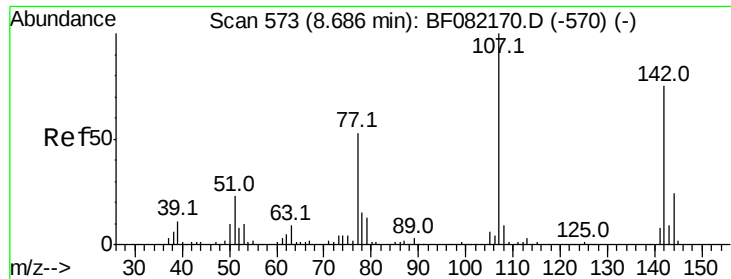
Acq: 15 Oct 2015 11:05

Tgt Ion:	113	Resp:	36703
Ion Ratio	Lower	Upper	
113	100		
55	172.2	149.7	189.7
56	126.8	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





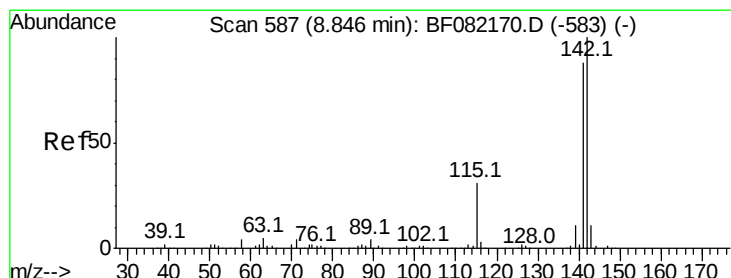
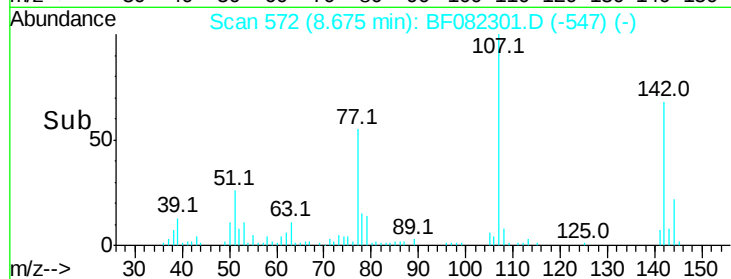
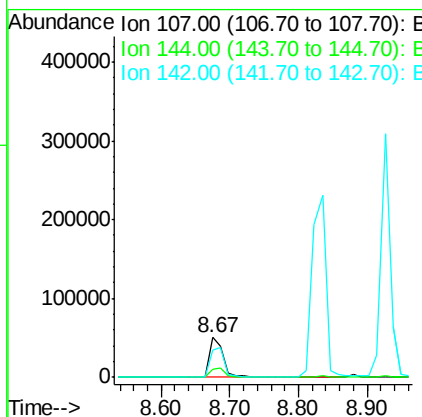
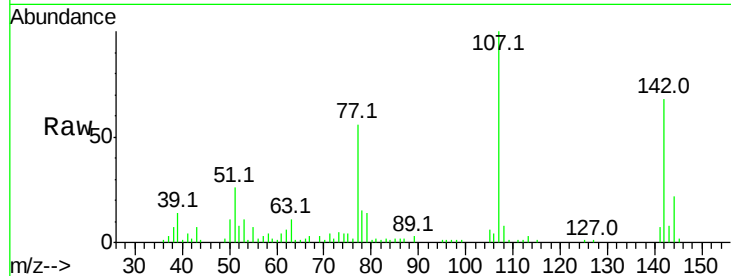
#36
4-Chloro-3-methylphenol
Concen: 18.45 ng
RT: 8.67 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.3	28.9
142	68.1	59.9	89.9

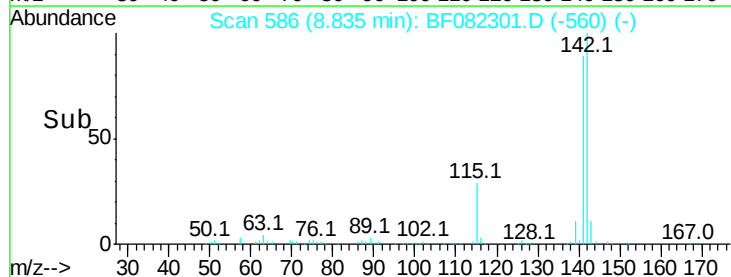
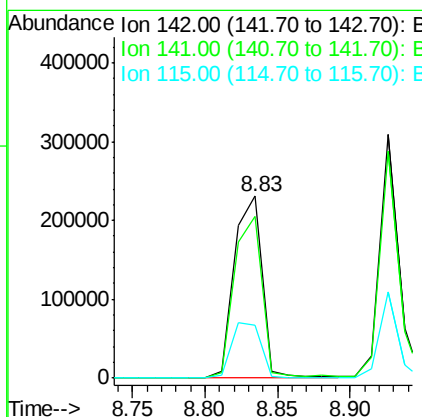
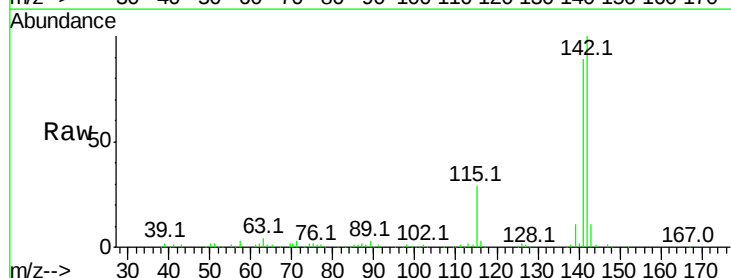
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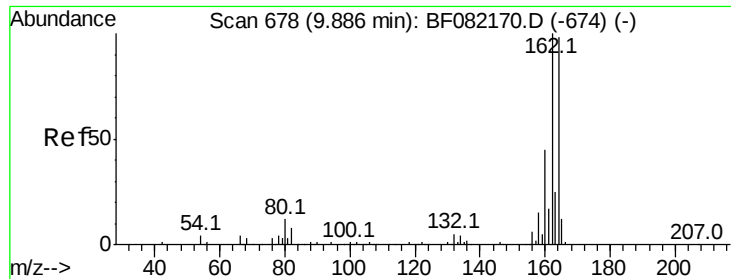
MMdadoda
10/16/2015 4:15:48 PM



#37
2-Methylnaphthalene
Concen: 32.47 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.4	105.6
115	29.0	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: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

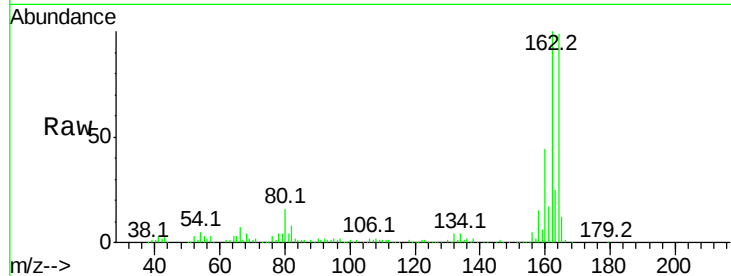
ClientSampleId :

LF-1MS

Tot Ion:	164	Resp:	156820
Ion Ratio	Lower	Upper	
164	100		
162	101.1	81.6	122.4
160	44.8	36.4	54.6

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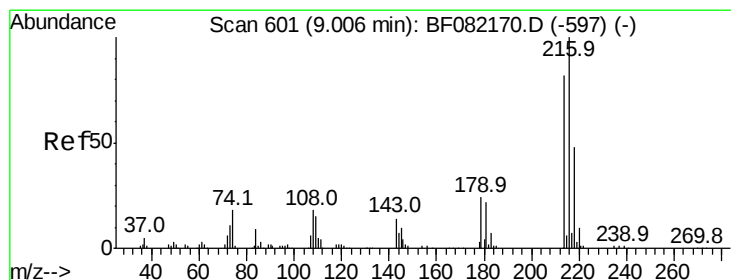
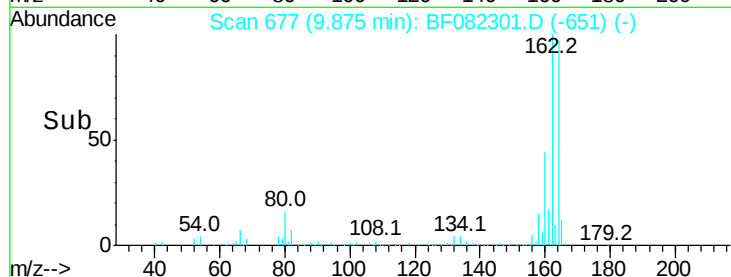
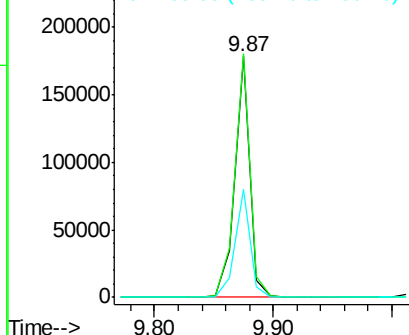


Abundance

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: 34.04 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	216	Resp:	158788
Ion Ratio	Lower	Upper	
216	100		
214	81.1	64.6	97.0
179	21.8	17.6	26.4
108	18.0	14.5	21.7

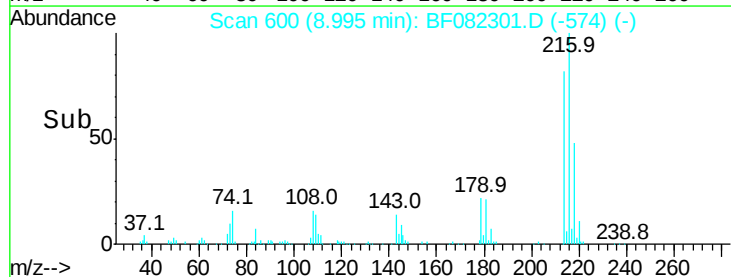
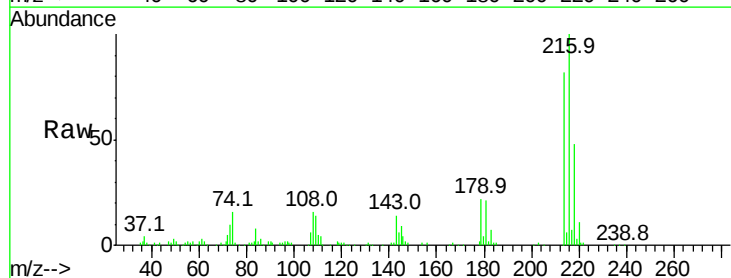
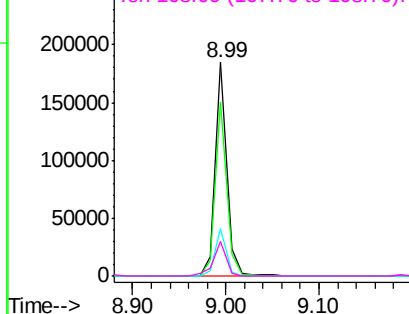
Abundance

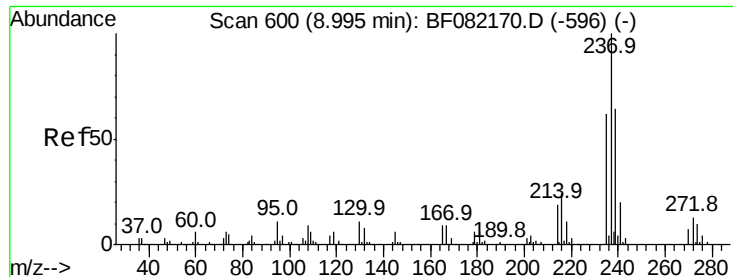
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 39.61 ng

RT: 8.98 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

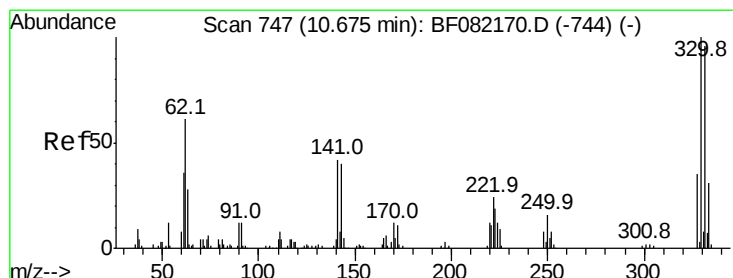
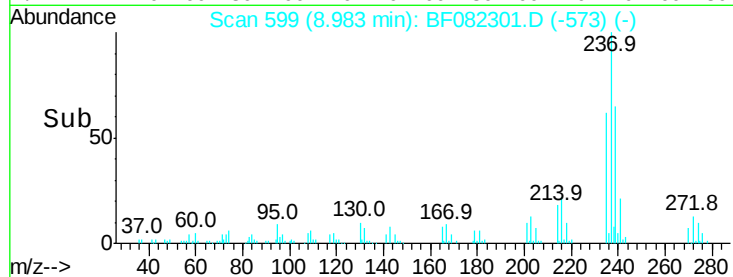
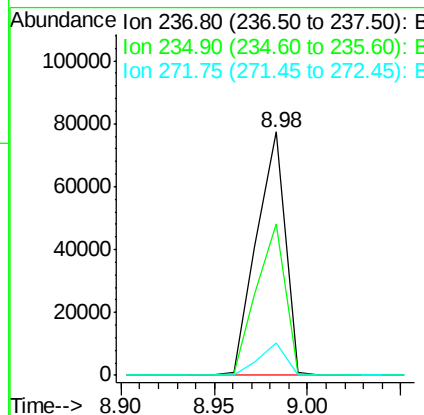
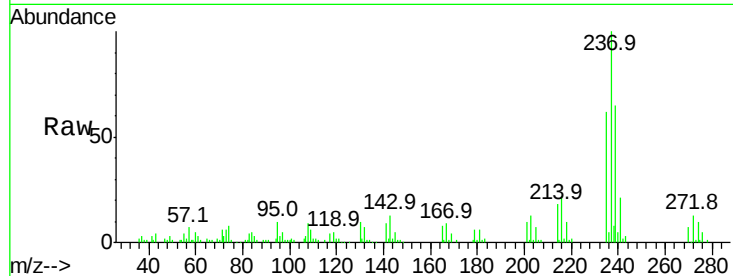
ClientSampleId :

LF-1MS

Tot Ion:	237	Resp:	82435
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.7	81.7
272	13.4	0.0	32.8

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#41

2,4,6-Tribromophenol

Concen: 8.80 ng

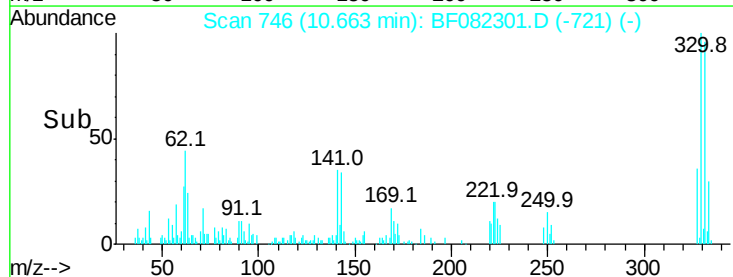
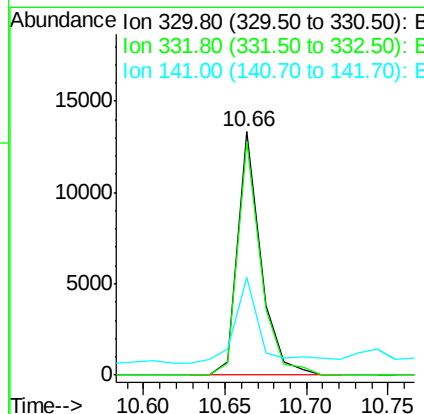
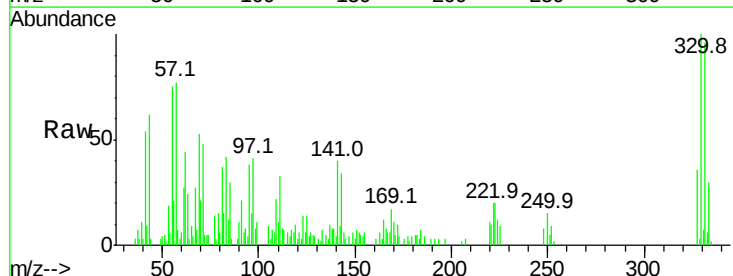
RT: 10.66 min Scan# 746

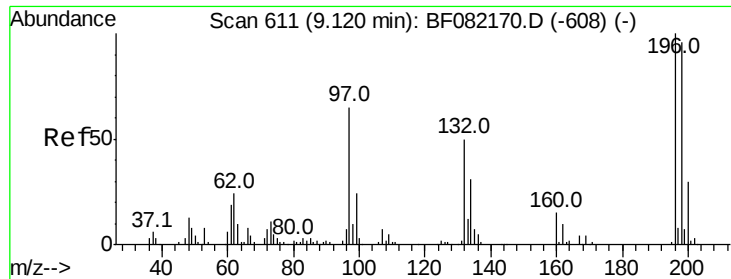
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	330	Resp:	12948
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.1	115.7
141	38.7	29.8	44.8





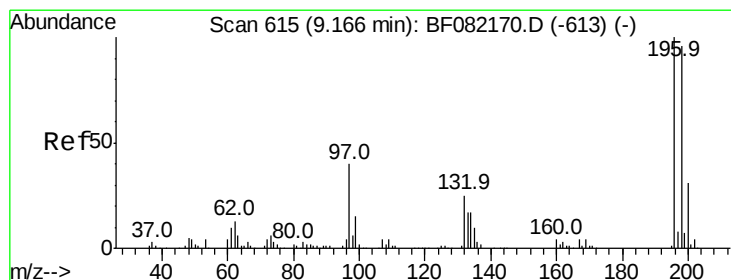
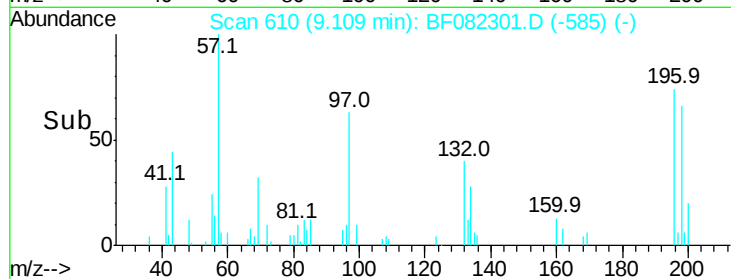
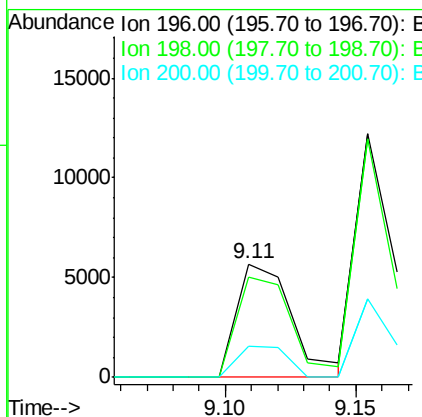
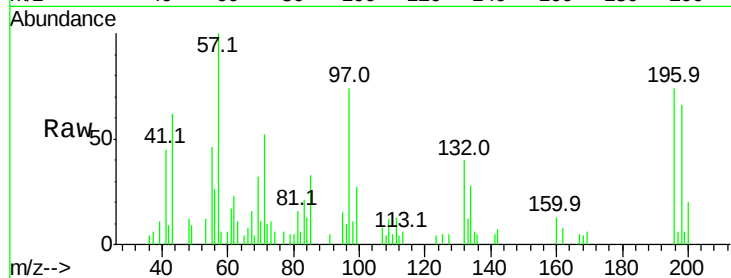
#42
 2,4,6-Trichlorophenol
 Concen: 2.73 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		8446		
198	88.2	76.6	115.0		
200	27.3	23.7	35.5		

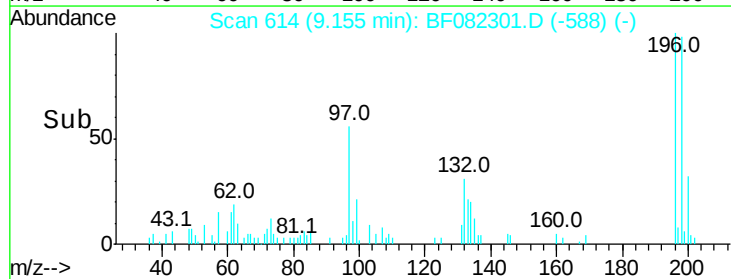
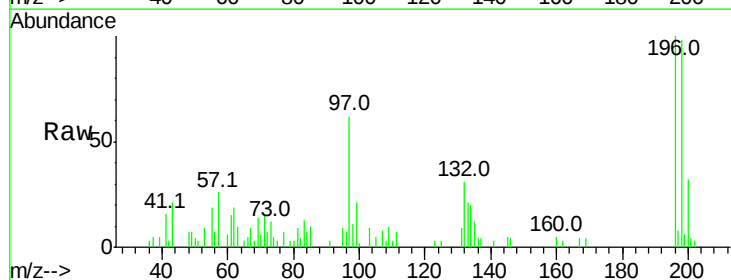
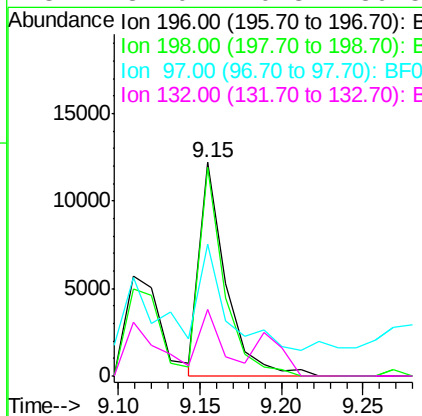
Manual Integrations
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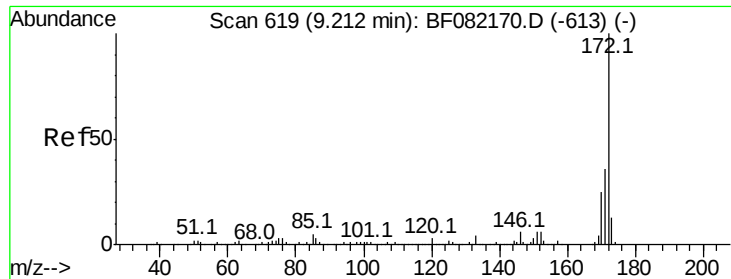
MMdadoda
 10/16/2015 4:15:48 PM



#43
 2,4,5-Trichlorophenol
 Concen: 4.13 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		13871		
198	97.7	77.0	115.4		
97	62.0	31.9	47.9#		
132	31.0	20.3	30.5#		





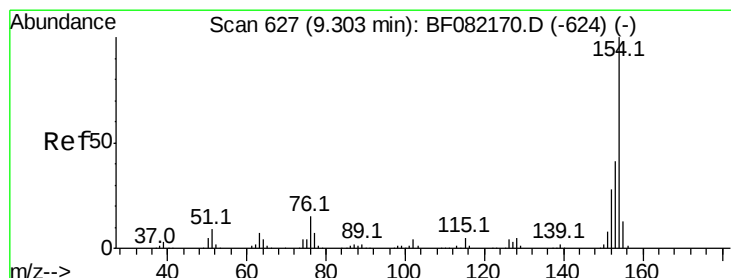
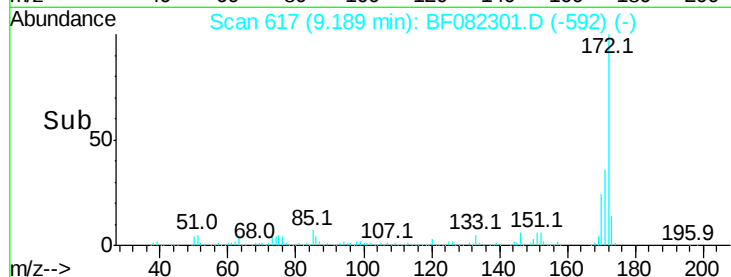
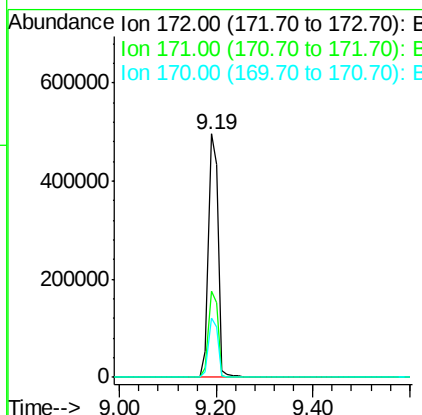
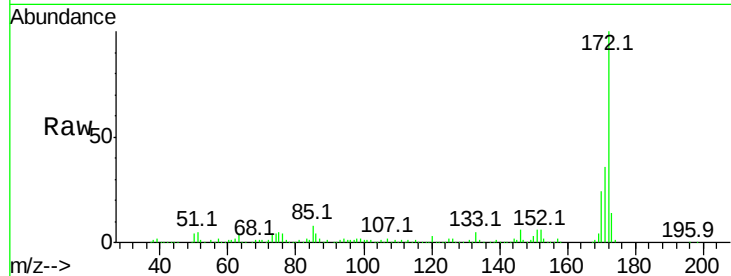
#44
2-Fluorobiphenyl
Concen: 74.20 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	701610		
171	35.6		28.6	42.8
170	24.2		19.7	29.5

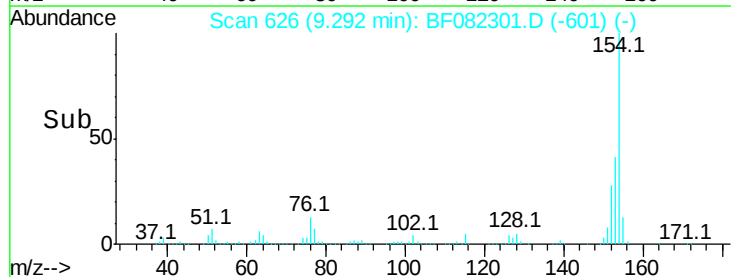
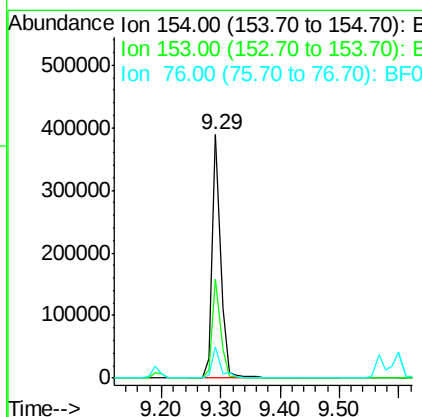
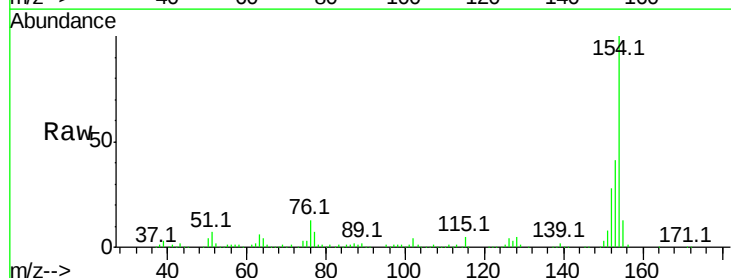
Manual Integrations
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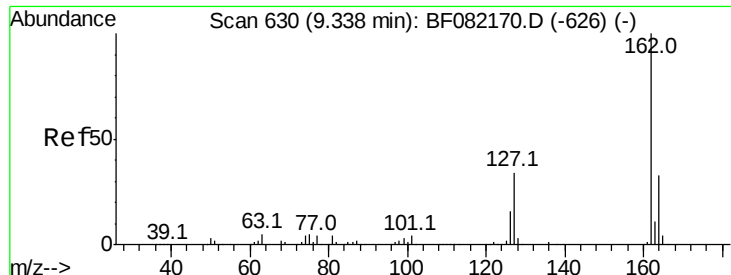
MMdadoda
10/16/2015 4:15:48 PM



#45
1,1'-Biphenyl
Concen: 32.14 ng
RT: 9.29 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	384353		
153	40.6		20.6	60.6
76	13.0		0.0	35.2





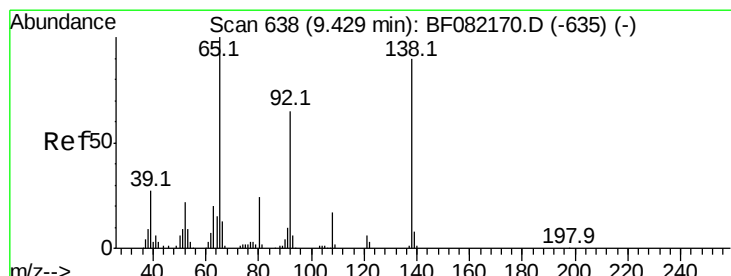
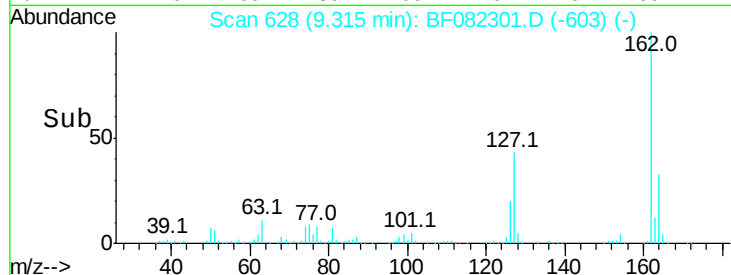
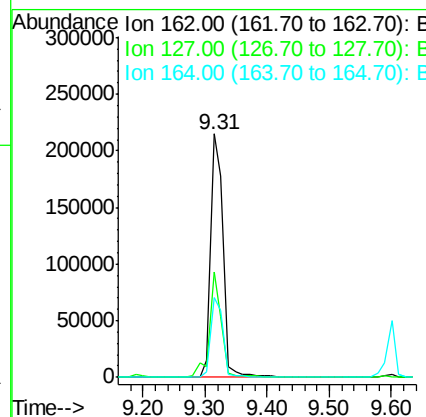
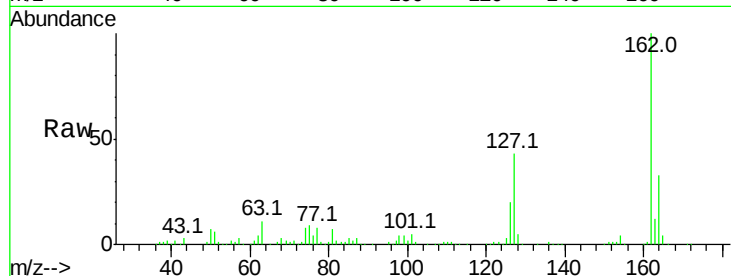
#46
2-Chloronaphthalene
Concen: 31.68 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	298215		
127	43.0	27.5	41.3#	
164	32.8	26.6	39.8	

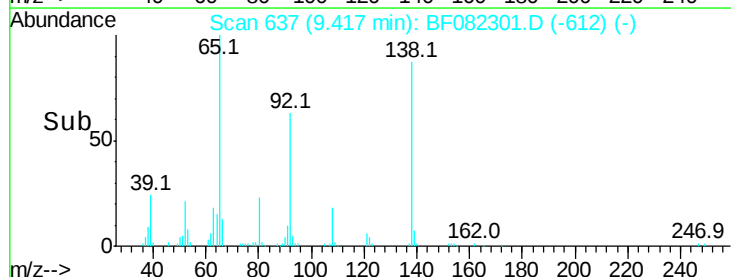
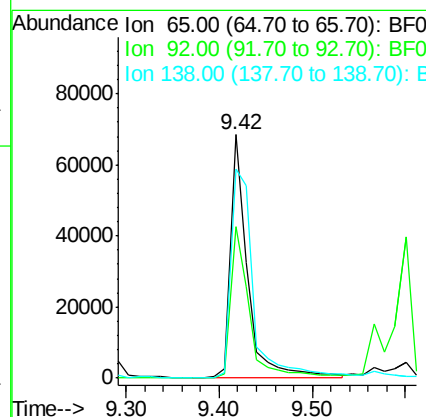
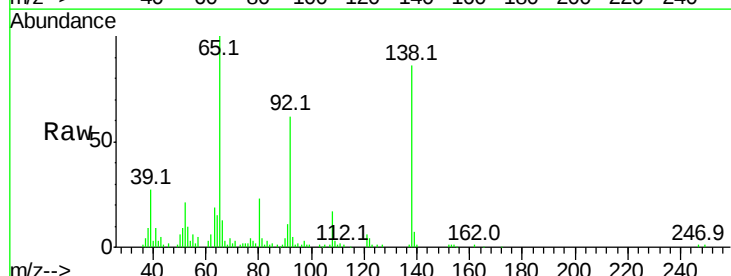
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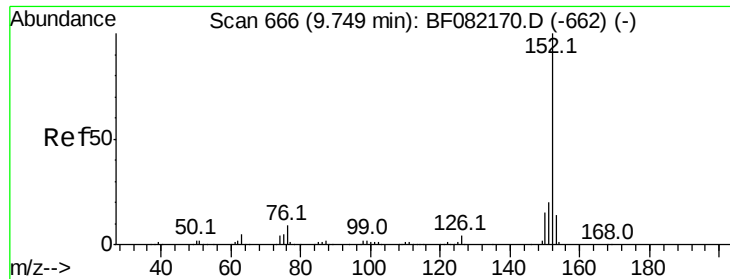
MMdadoda
10/16/2015 4:15:48 PM



#47
2-Nitroaniline
Concen: 33.92 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	87658		
92	62.5	52.3	78.5	
138	85.9	72.2	108.4	





#48

Acenaphthylene

Concen: 33.38 ng

RT: 9.74 min Scan# 665

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

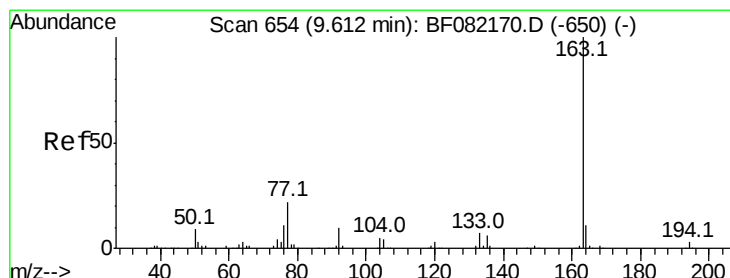
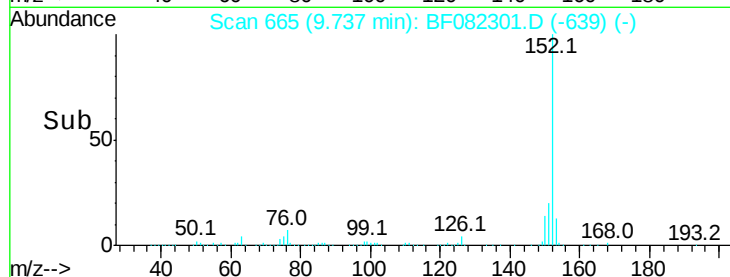
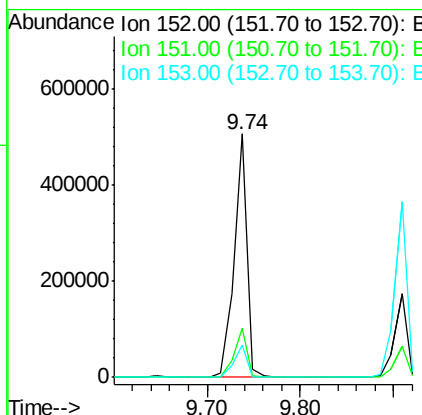
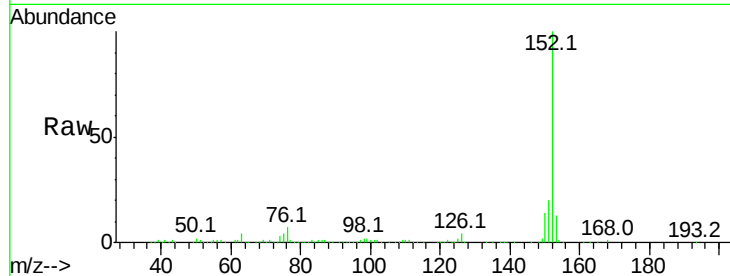
ClientSampleId :

LF-1MS

Tot Ion:	152	Resp:	489473
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.4	24.6
153	13.2	10.8	16.2

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#49

Dimethylphthalate

Concen: 41.39 ng

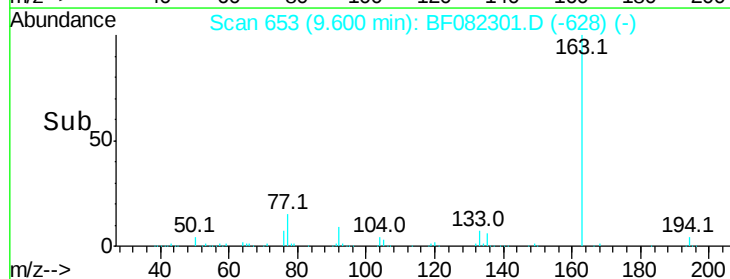
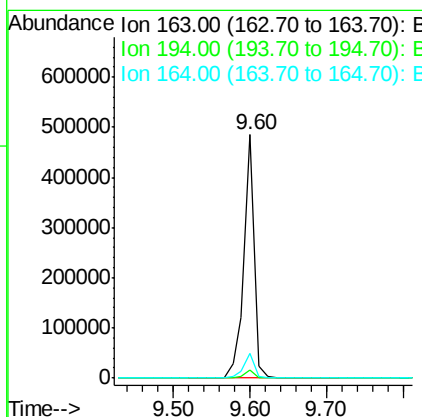
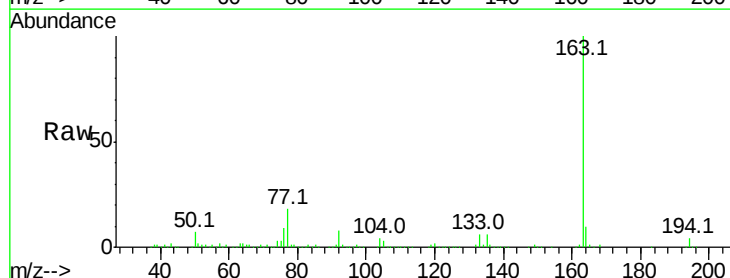
RT: 9.60 min Scan# 653

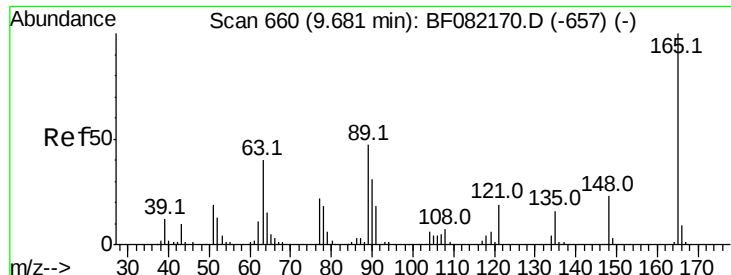
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	163	Resp:	457118
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.6	4.0
164	10.3	8.5	12.7





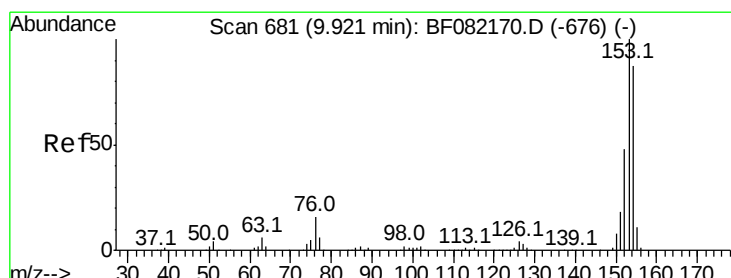
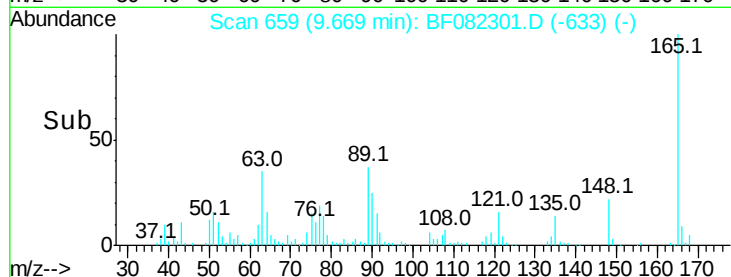
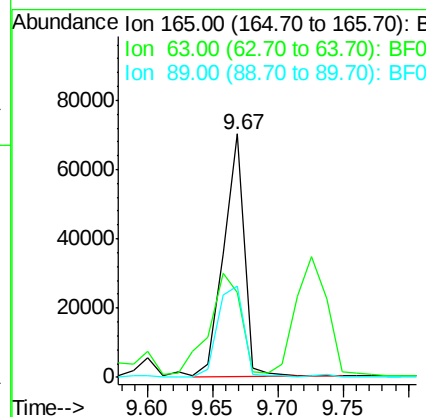
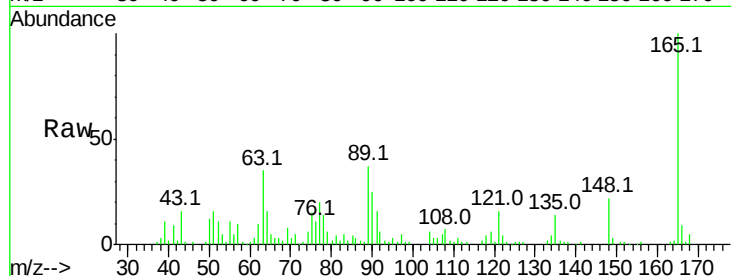
#50
 2,6-Dinitrotoluene
 Concen: 33.54 ng
 RT: 9.67 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	35.1	36.7	55.1#
89	37.4	37.8	56.6#

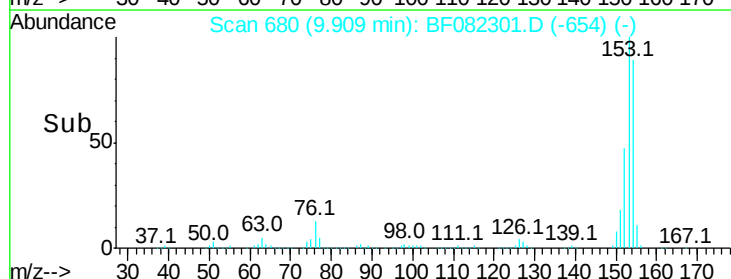
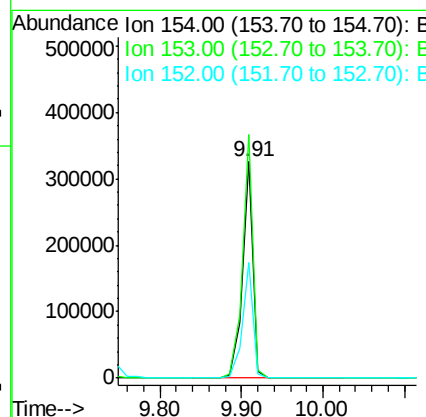
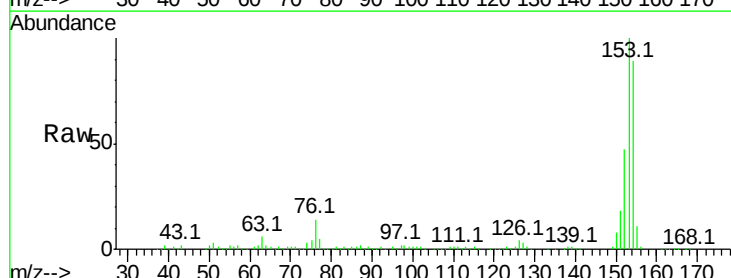
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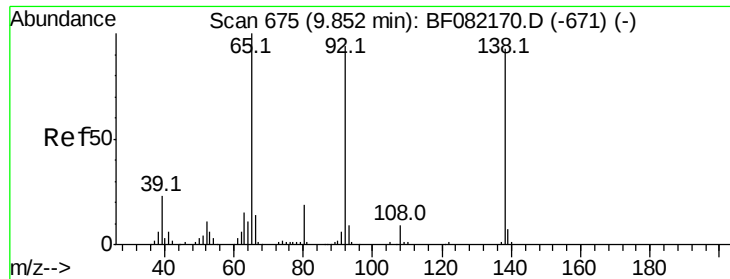
MMdadoda
 10/16/2015 4:15:48 PM



#51
 Acenaphthene
 Concen: 33.67 ng
 RT: 9.91 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.6	91.4	137.2
152	53.3	44.3	66.5





#52

3-Nitroaniline

Concen: 28.67 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

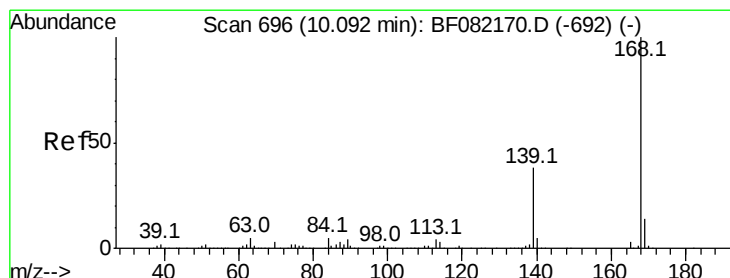
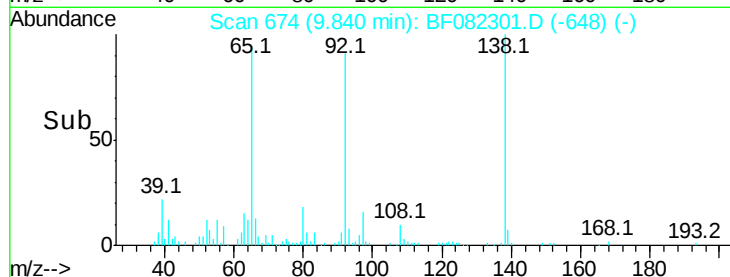
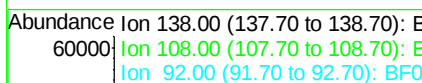
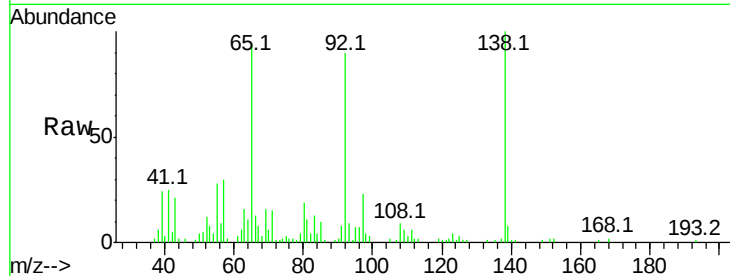
ClientSampleId :

LF-1MS

Tot Ion:	138	Resp:	75464
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.4	11.0
92	90.3	81.3	121.9

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#54

Dibenzofuran

Concen: 36.98 ng

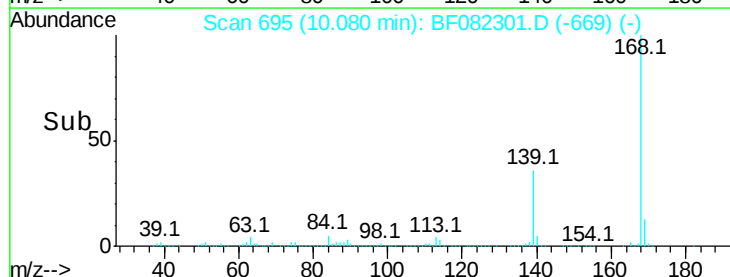
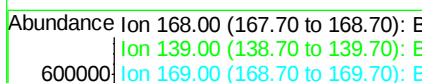
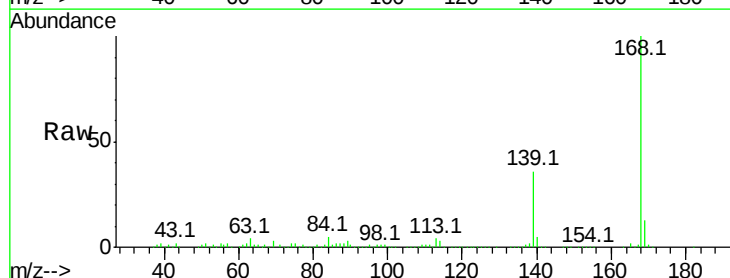
RT: 10.08 min Scan# 695

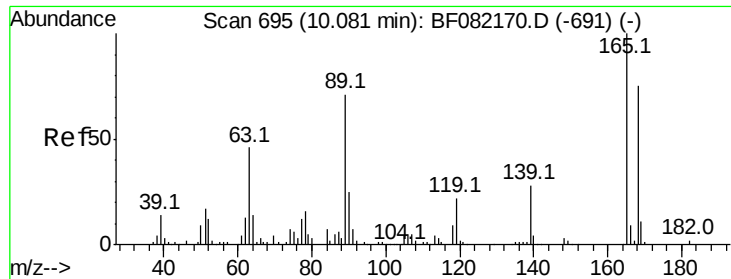
Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	168	Resp:	447017
Ion Ratio	Lower	Upper	
168	100		
139	36.3	31.0	46.6
169	13.5	10.9	16.3





#56

2,4-Dinitrotoluene

Concen: 36.94 ng

RT: 10.07 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion:165 Resp: 107586

Ion Ratio Lower Upper

165 100

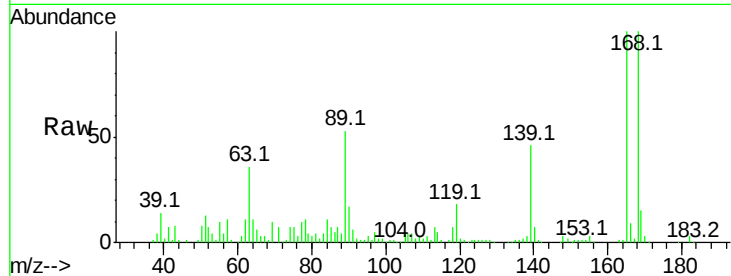
63 36.0 38.6 58.0#

89 53.2 57.0 85.6#

182 2.6 1.8 2.6

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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

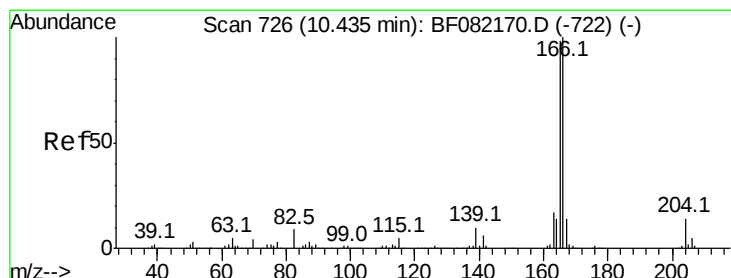
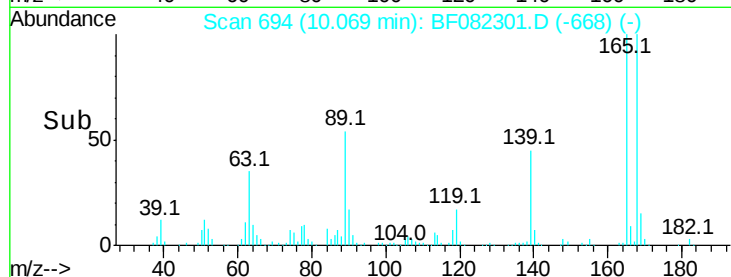
150000

100000

50000

0

Time-->



#57

Fluorene

Concen: 35.22 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

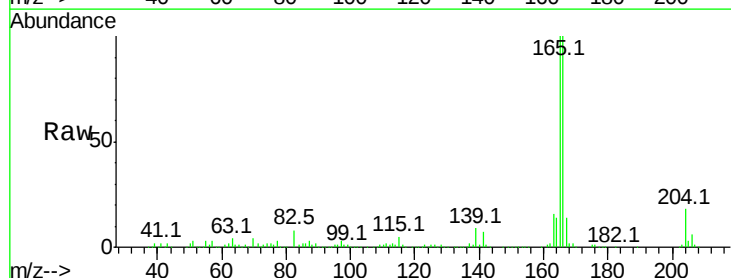
Tgt Ion:166 Resp: 349686

Ion Ratio Lower Upper

166 100

165 99.5 78.3 117.5

167 13.5 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

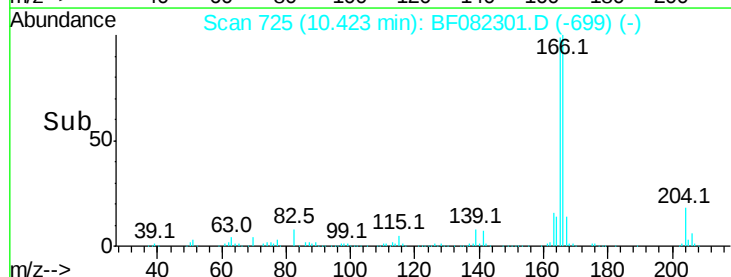
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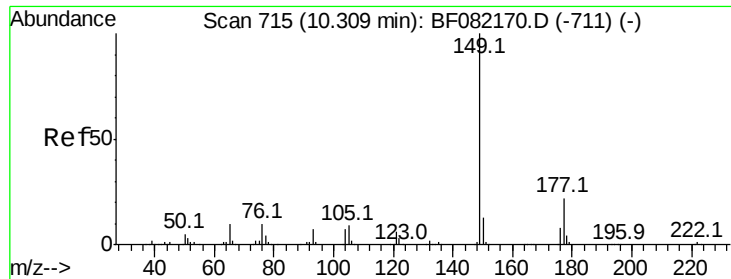
200000

100000

0

Time-->





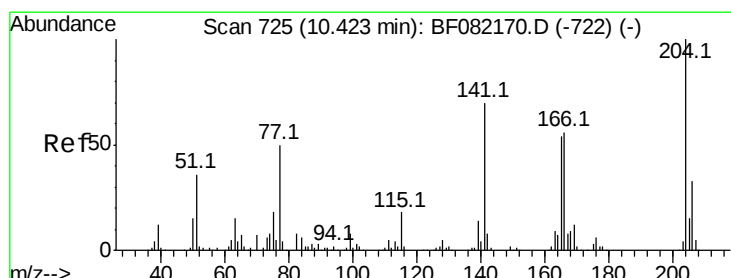
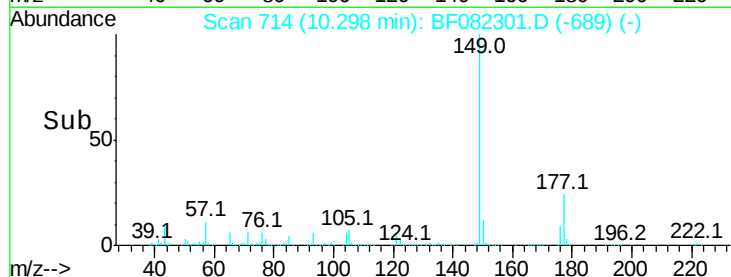
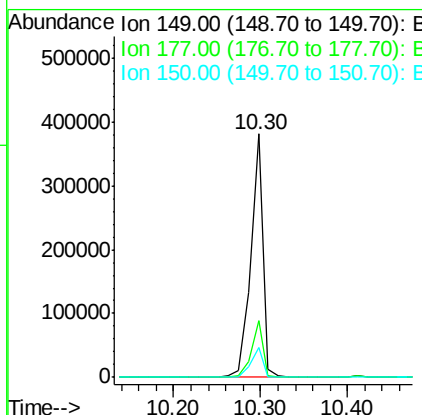
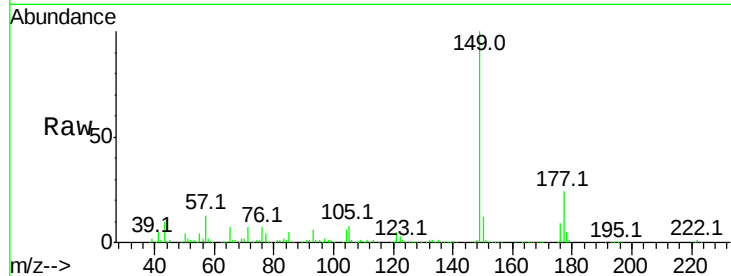
#59
Diethylphthalate
Concen: 36.04 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	371005		
177	23.6		17.6	26.4
150	12.5		10.3	15.5

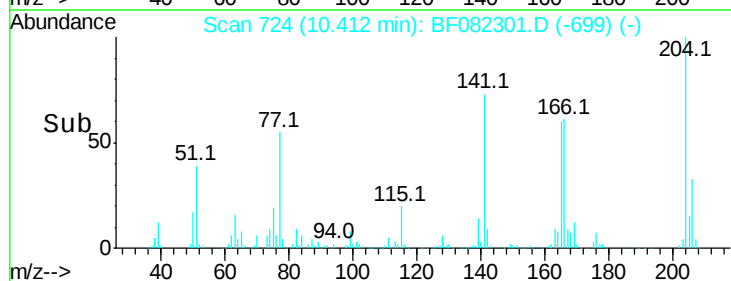
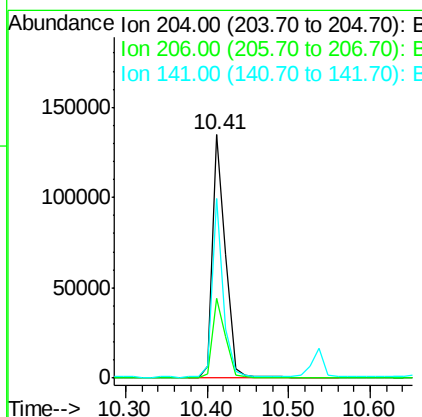
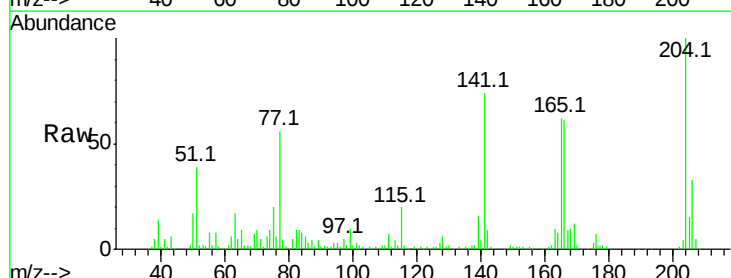
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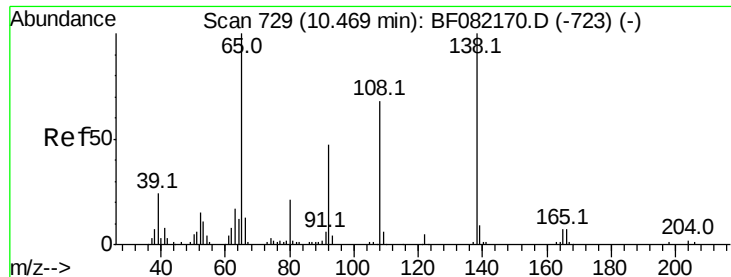
MMdadoda
10/16/2015 4:15:48 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.33 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	151546		
206	32.6		26.8	40.2
141	73.8		56.1	84.1





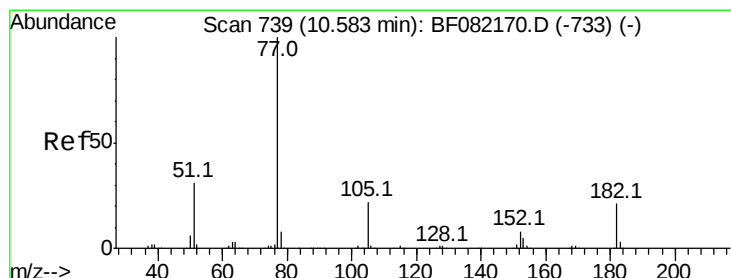
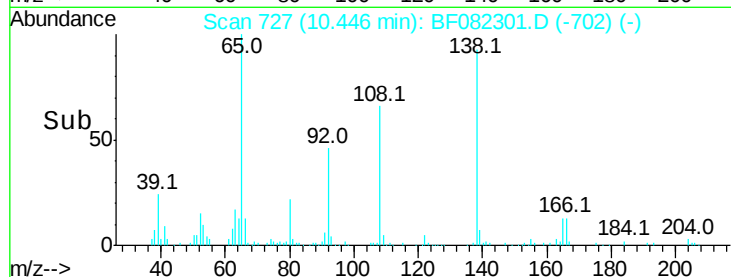
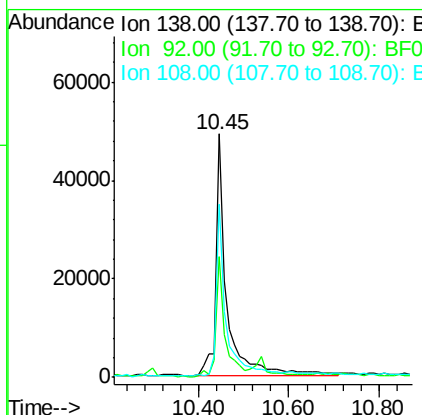
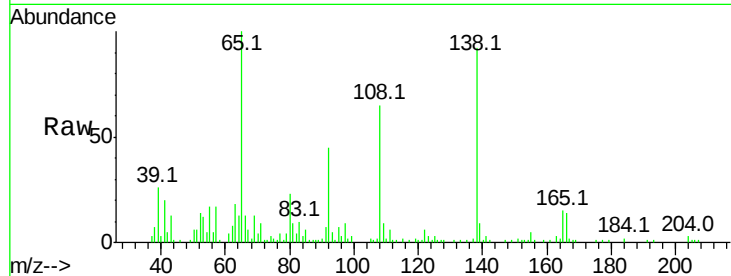
#61
4-Nitroaniline
Concen: 31.80 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.5	26.8	66.8
108	71.1	48.4	88.4

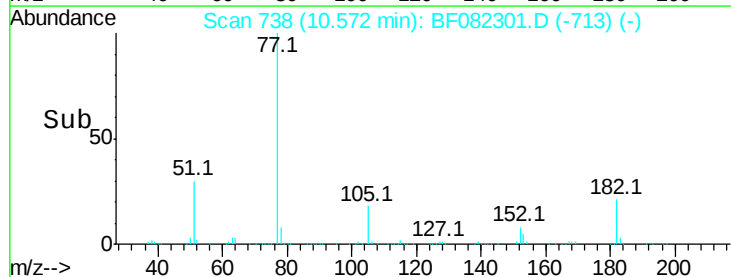
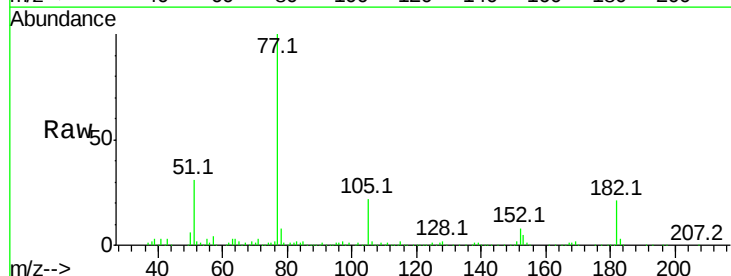
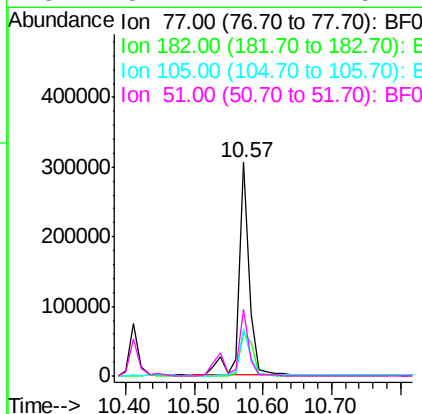
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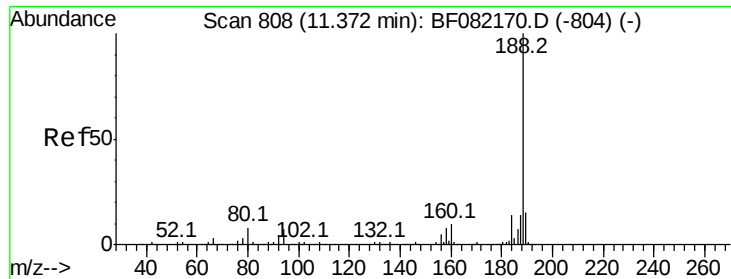
MMdadoda
10/16/2015 4:15:48 PM



#62
Azobenzene
Concen: 32.85 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.6	0.5	40.5
105	22.1	1.8	41.8
51	31.2	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion:188 Resp: 268697
Ion Ratio Lower Upper

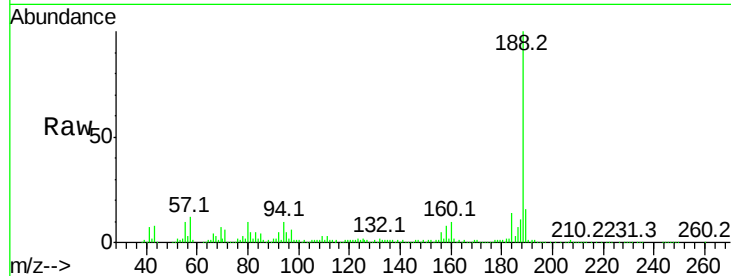
188 100

94 9.6 5.8 8.6#

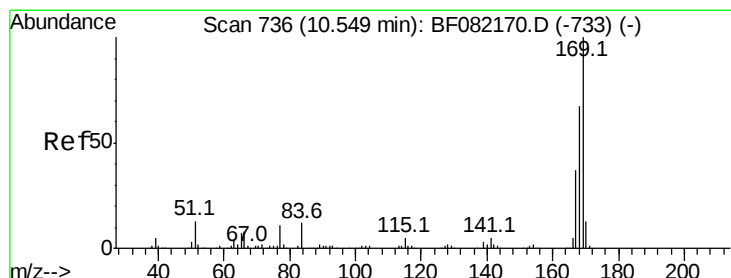
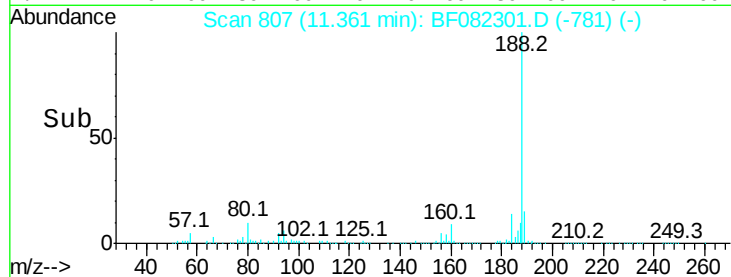
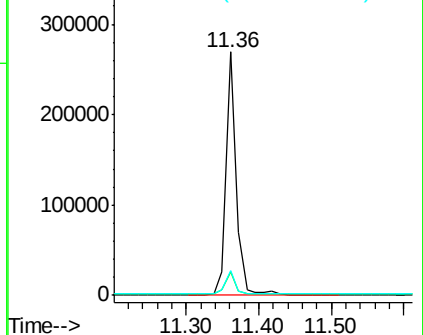
80 10.1 6.4 9.6#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 39.05 ng

RT: 10.54 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF082301.D

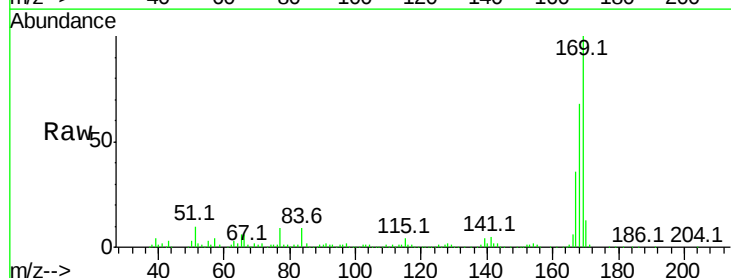
Acq: 15 Oct 2015 11:05

Tgt Ion:169 Resp: 314136
Ion Ratio Lower Upper

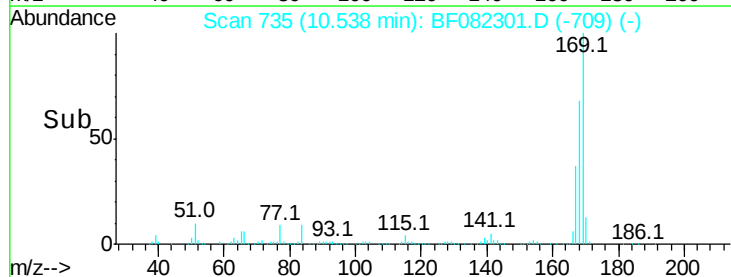
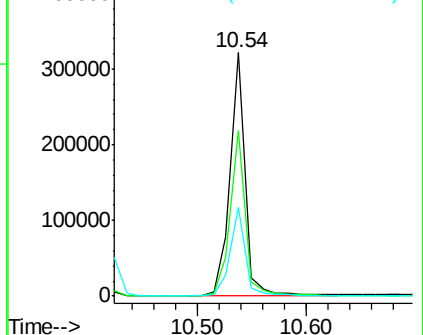
169 100

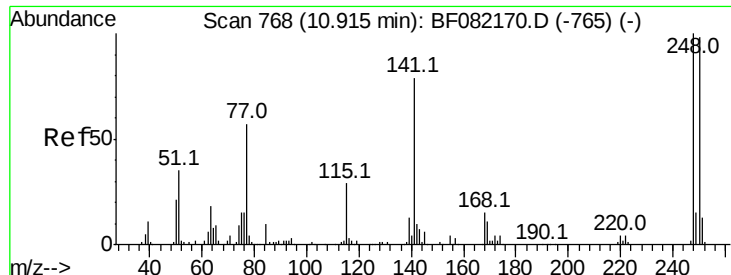
168 68.0 54.0 81.0

167 36.4 29.6 44.4



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





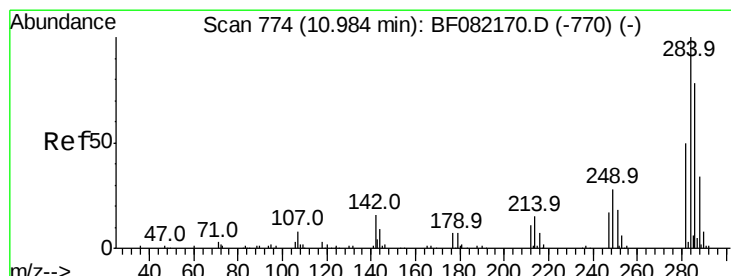
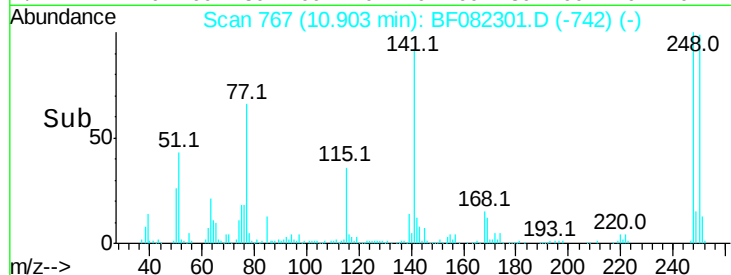
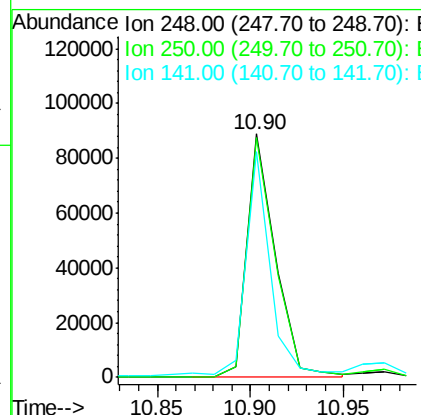
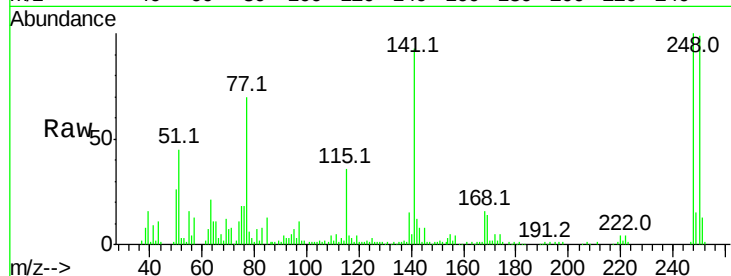
#66
 4-Bromophenyl-phenylether
 Concen: 35.09 ng
 RT: 10.90 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion:	248	Resp:	94362
Ion Ratio	Lower	Upper	
248	100		
250	98.6	78.6	117.8
141	92.8	63.3	94.9

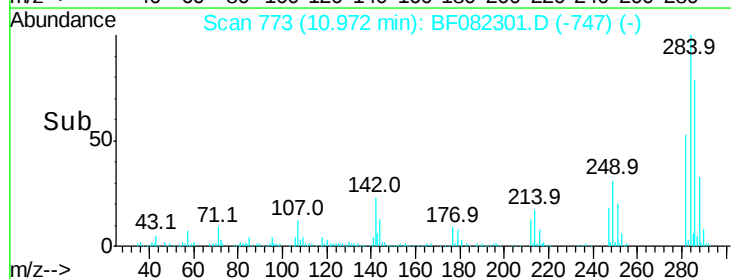
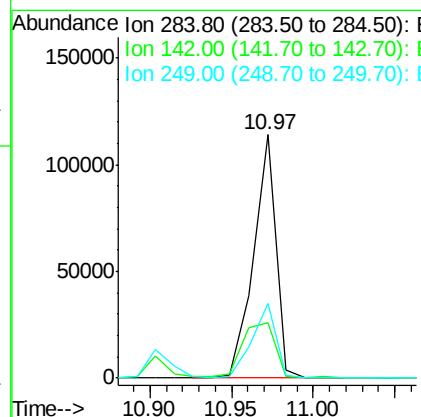
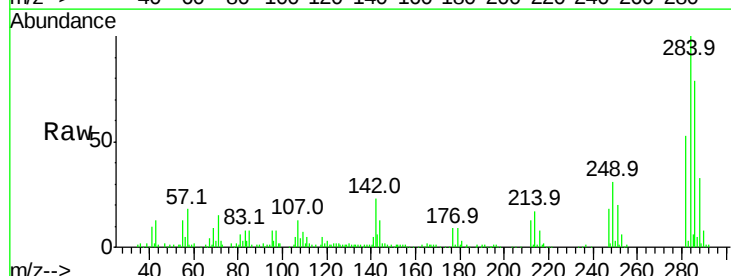
Manual Integrations
 APPROVED

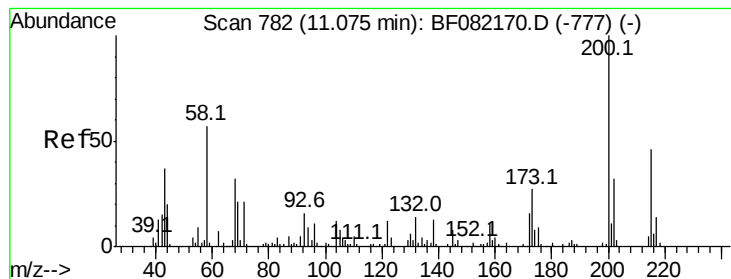
MMdadoda
 10/16/2015 4:15:48 PM



#67
 Hexachlorobenzene
 Concen: 37.50 ng
 RT: 10.97 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion:	284	Resp:	109060
Ion Ratio	Lower	Upper	
284	100		
142	22.8	13.0	19.6#
249	30.8	22.5	33.7





#68

Atrazine

Concen: 38.11 ng

RT: 11.06 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

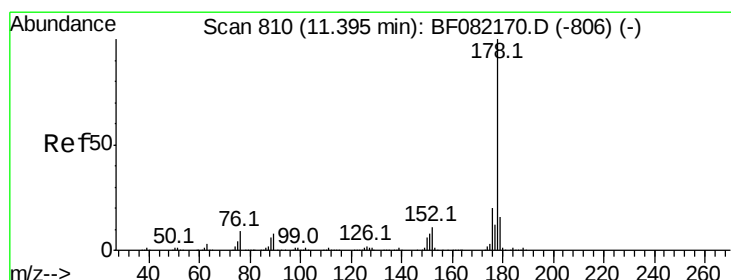
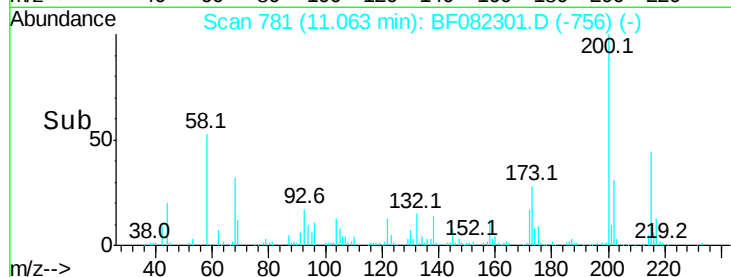
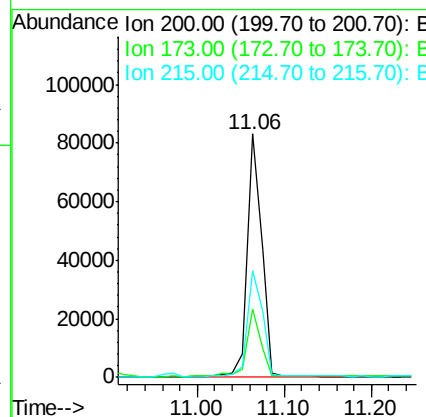
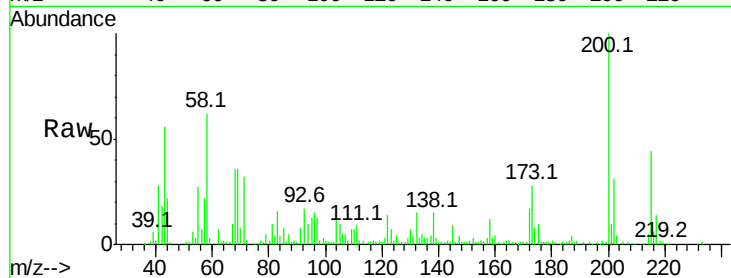
ClientSampleId :

LF-1MS

Tot Ion:	200	Resp:	97128
Ion Ratio	Lower	Upper	
200	100		
173	27.9	7.3	47.3
215	43.7	26.2	66.2

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#70

Phenanthrene

Concen: 36.19 ng

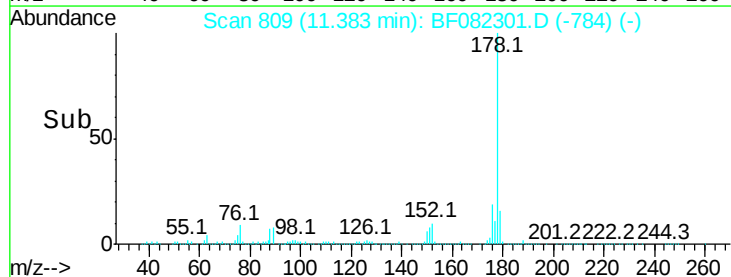
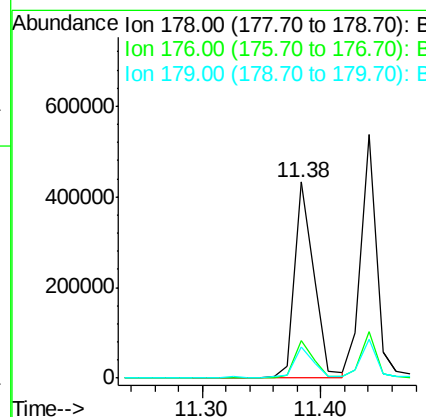
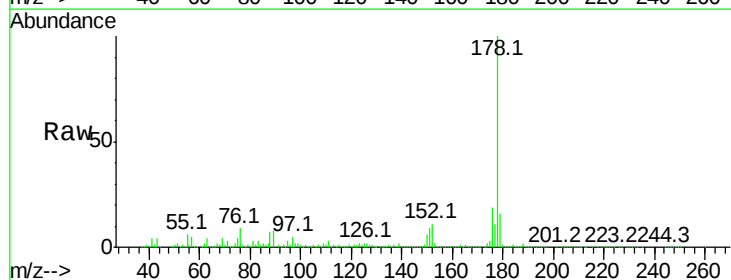
RT: 11.38 min Scan# 809

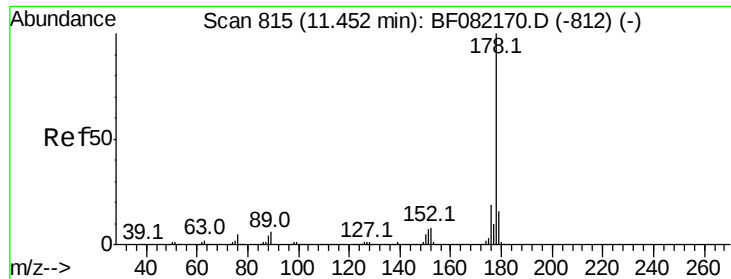
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	178	Resp:	476692
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.0	24.0
179	16.1	12.6	19.0





#71

Anthracene

Concen: 37.23 ng

RT: 11.44 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

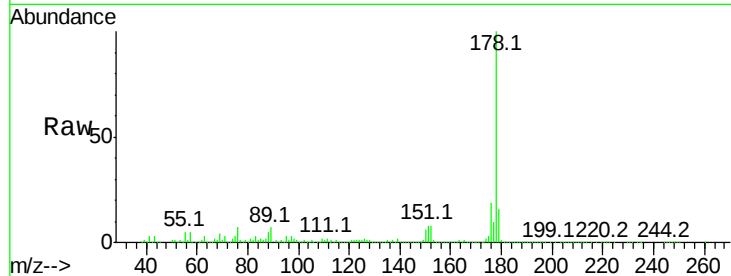
ClientSampleId :

LF-1MS

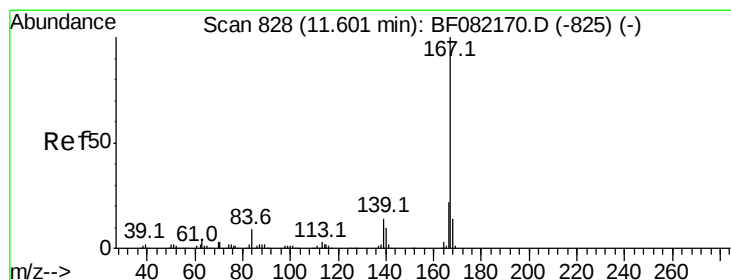
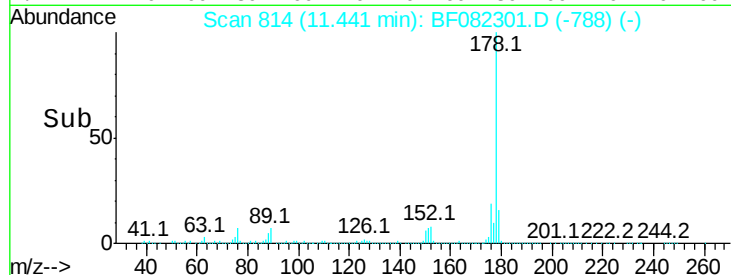
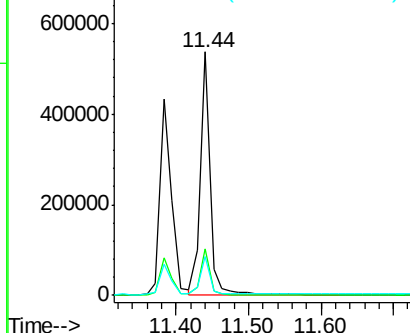
Tot Ion:	178	Resp:	505260
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	15.8	12.5	18.7

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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



#72

Carbazole

Concen: 34.95 ng

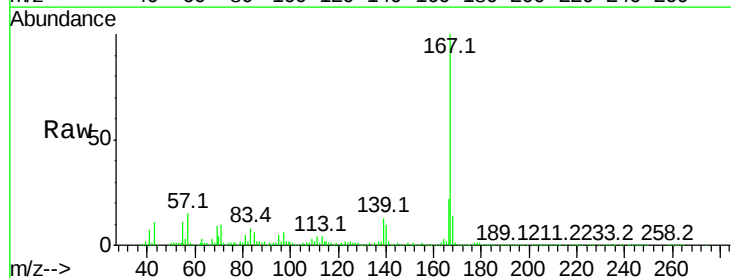
RT: 11.60 min Scan# 828

Delta R.T. 0.00 min

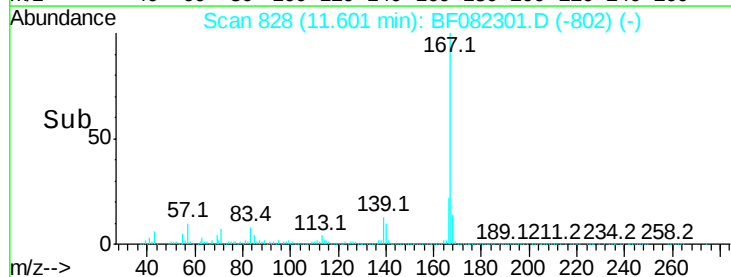
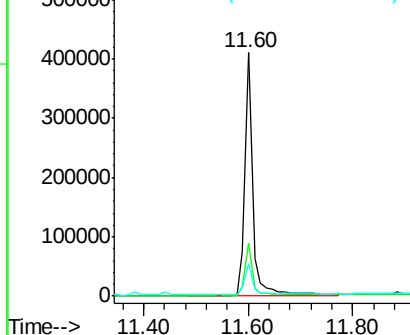
Lab File: BF082301.D

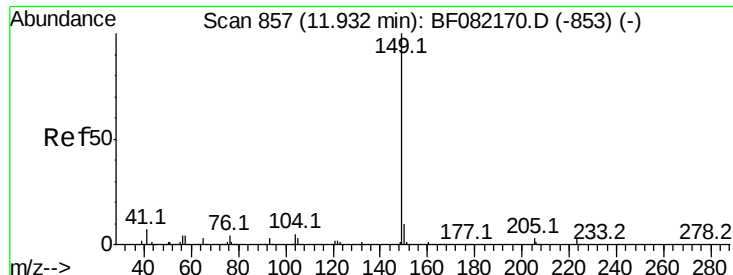
Acq: 15 Oct 2015 11:05

Tgt Ion:	167	Resp:	432655
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.3	25.9
139	13.3	11.2	16.8



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





#73

Di-n-butylphthalate

Concen: 36.39 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

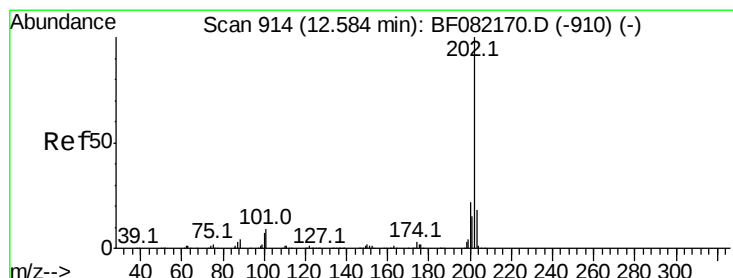
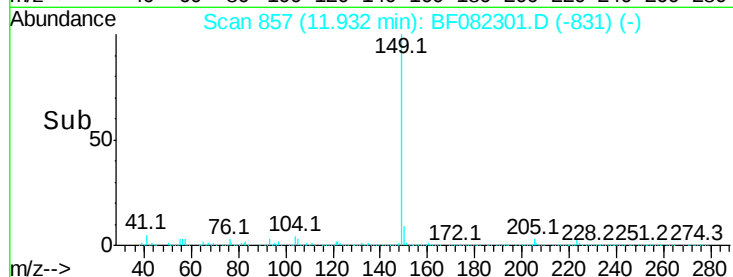
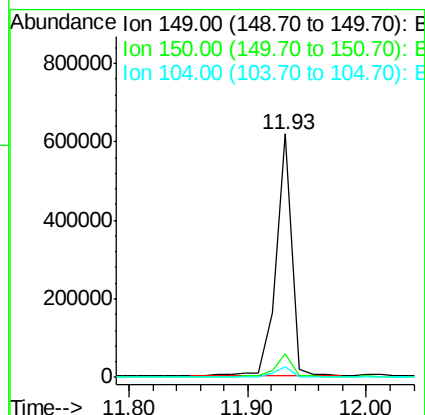
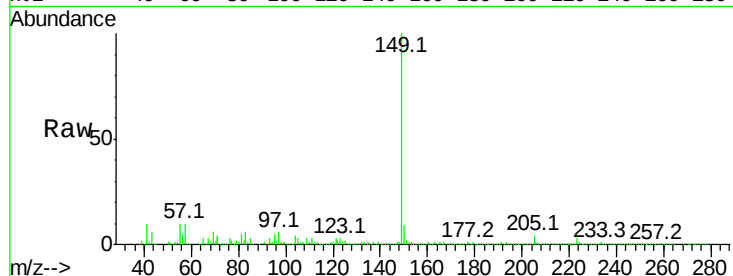
ClientSampleId :

LF-1MS

Tot Ion:	149	Resp:	555728
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	4.2	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 29.67 ng

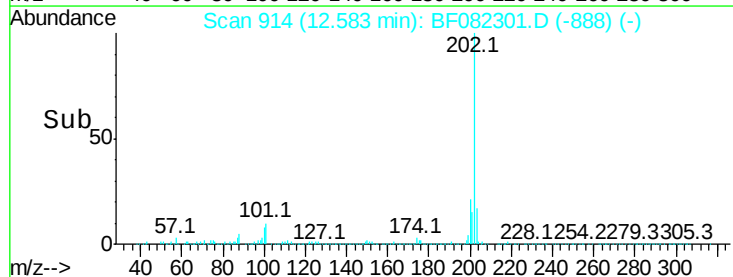
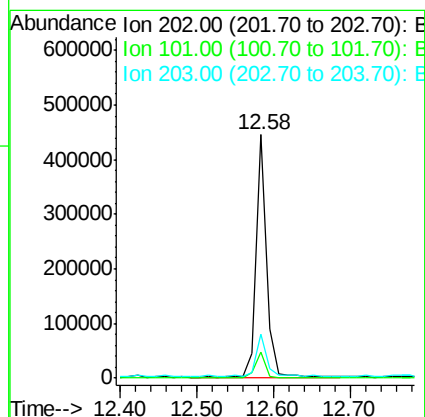
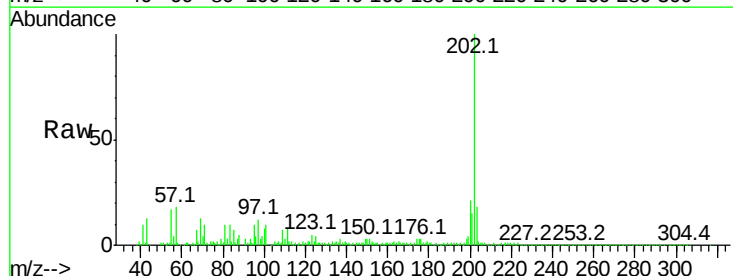
RT: 12.58 min Scan# 914

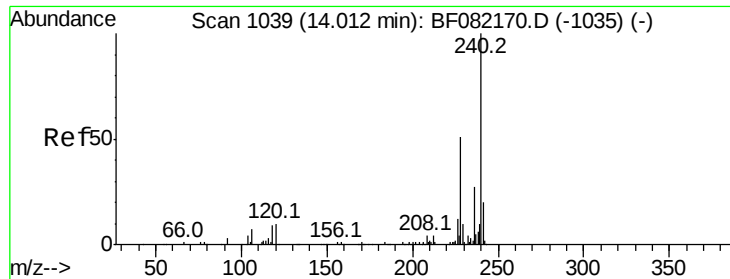
Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	202	Resp:	419683
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.3
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

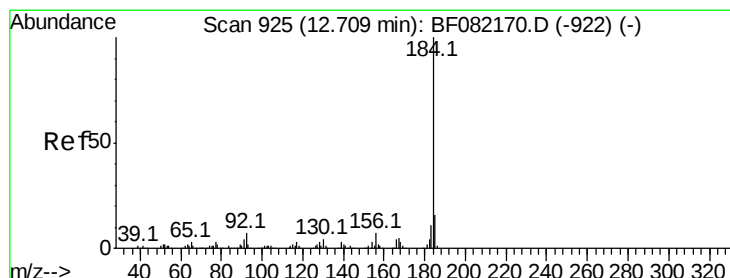
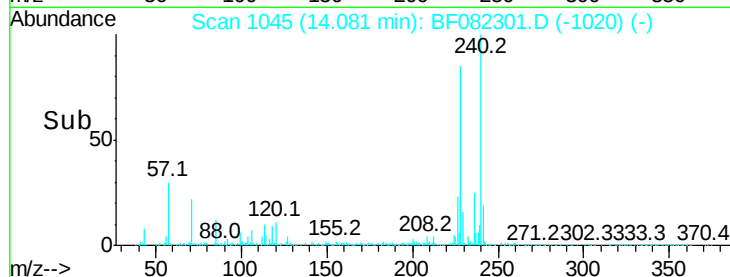
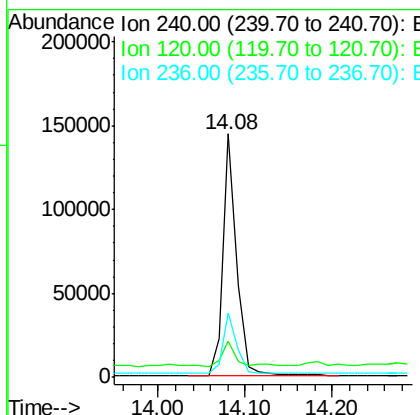
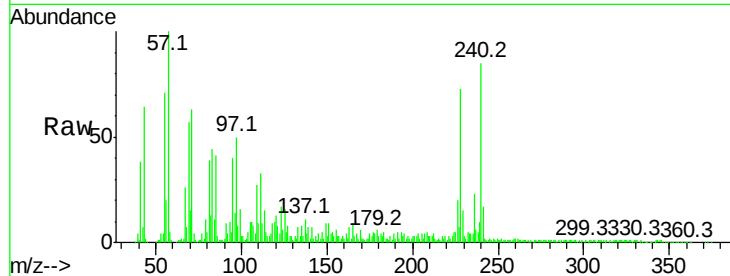
ClientSampleId :

LF-1MS

Tot Ion:	240	Resp:	159859
Ion Ratio	Lower	Upper	
240	100		
120	14.9	8.1	12.1#
236	26.6	21.3	31.9

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#76

Benzidine

Concen: 21.70 ng

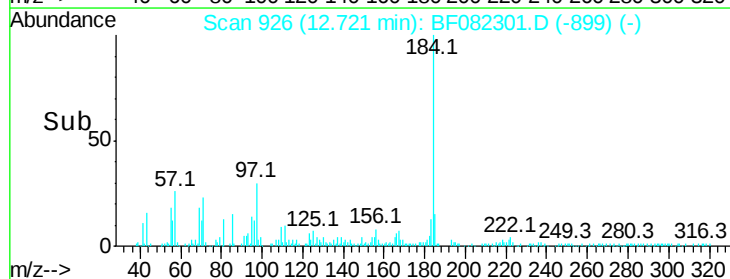
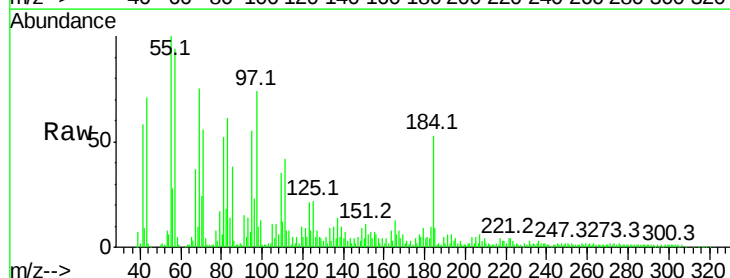
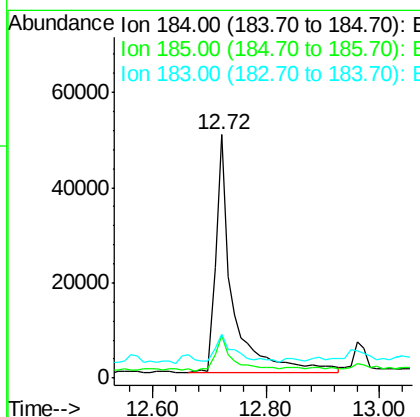
RT: 12.72 min Scan# 926

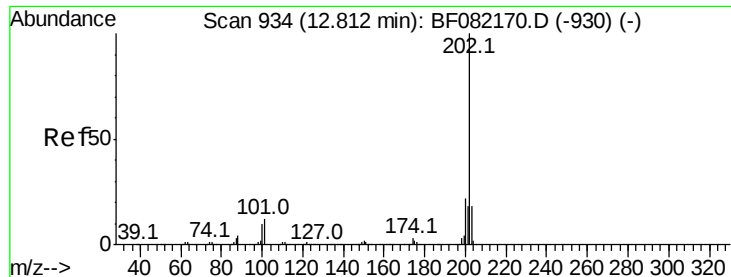
Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion:	184	Resp:	100507
Ion Ratio	Lower	Upper	
184	100		
185	17.5	12.5	18.7
183	18.2	9.1	13.7#





#77

Pvrene

Concen: 41.27 ng

RT: 12.82 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

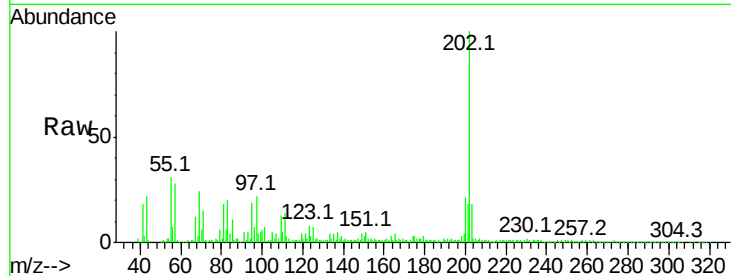
ClientSampleId :

LF-1MS

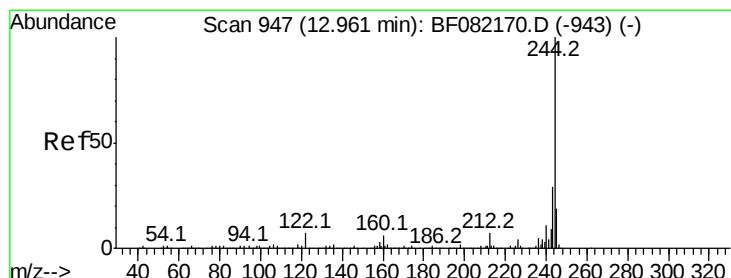
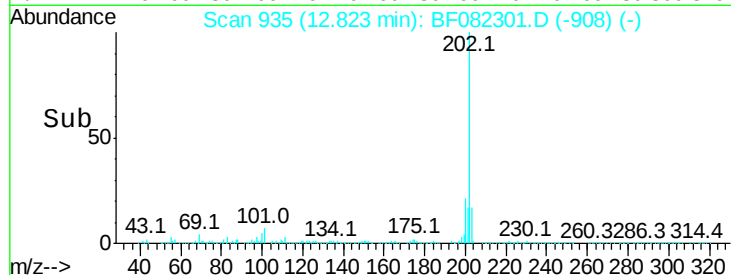
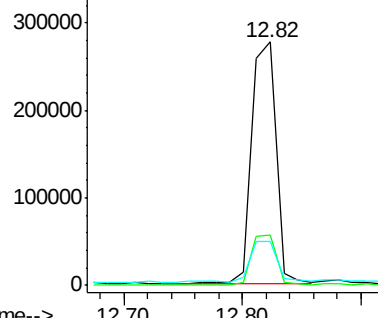
Tot Ion:	202	Resp:	391515
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.9	26.9
203	18.2	14.5	21.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.65 ng

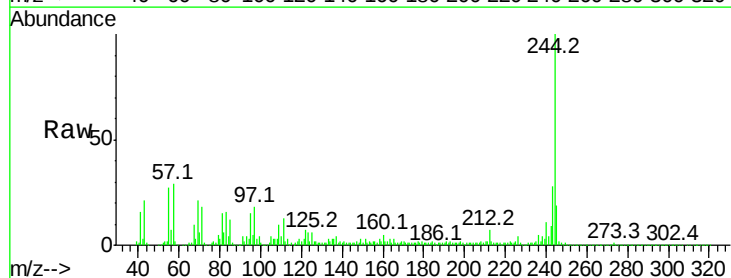
RT: 12.97 min Scan# 948

Delta R.T. 0.00 min

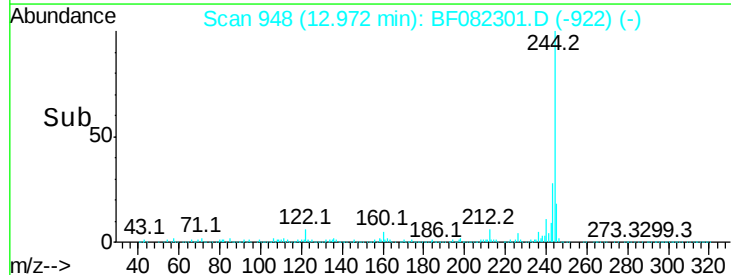
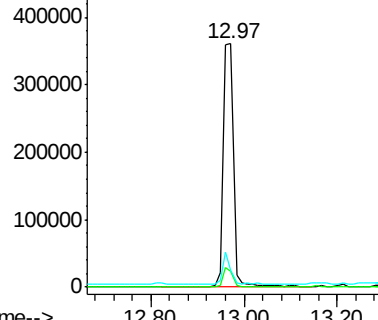
Lab File: BF082301.D

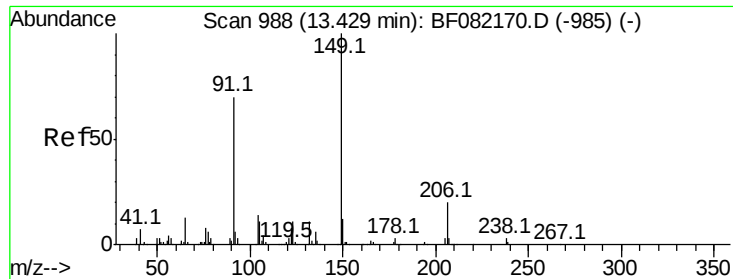
Acq: 15 Oct 2015 11:05

Tgt Ion:	244	Resp:	540800
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.6
122	6.8	5.9	8.9



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





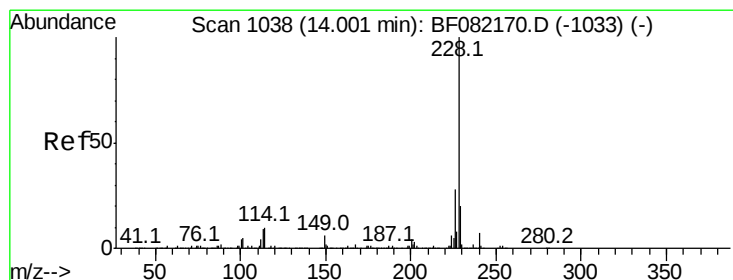
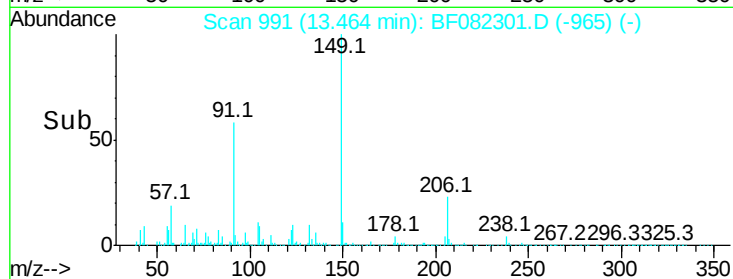
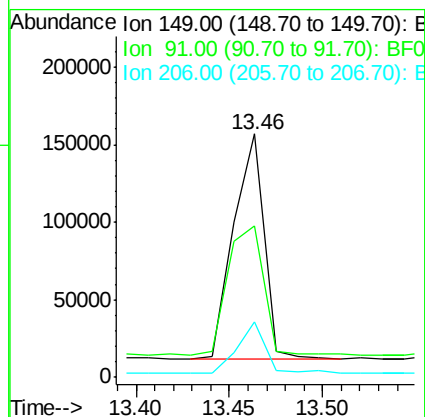
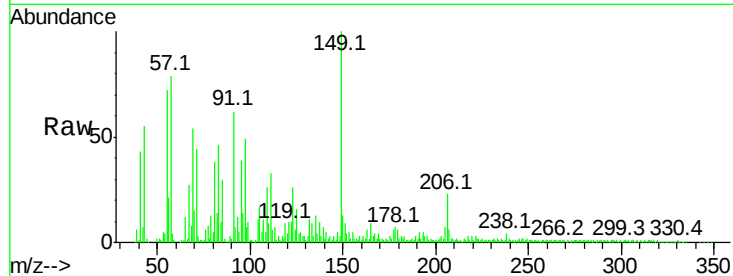
#79
Butylbenzylphthalate
Concen: 38.60 ng
RT: 13.46 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.4	55.7	83.5
206	22.9	15.6	23.4

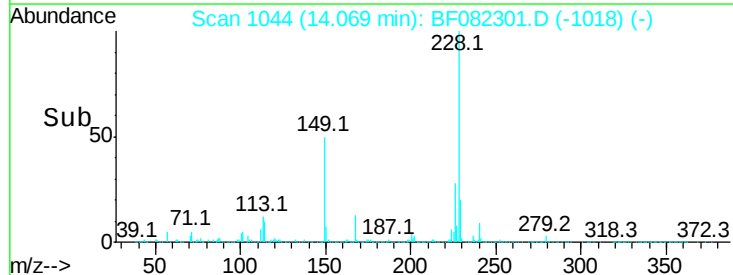
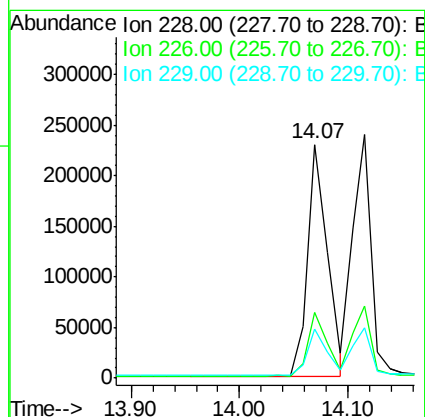
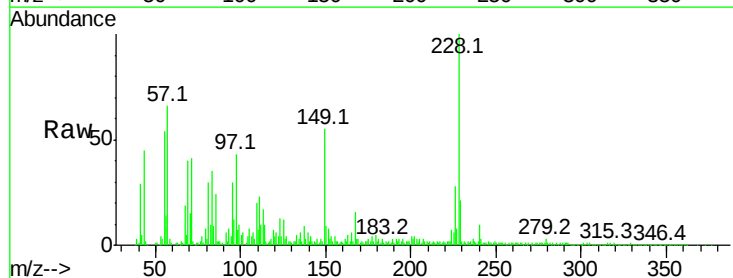
Manual Integrations
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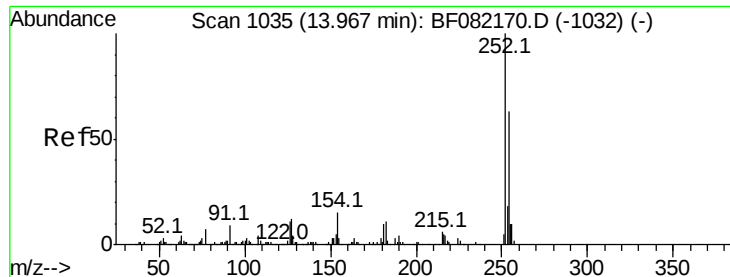
MMdadoda
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#80
Benzo(a)anthracene
Concen: 35.34 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.8	16.2	24.2





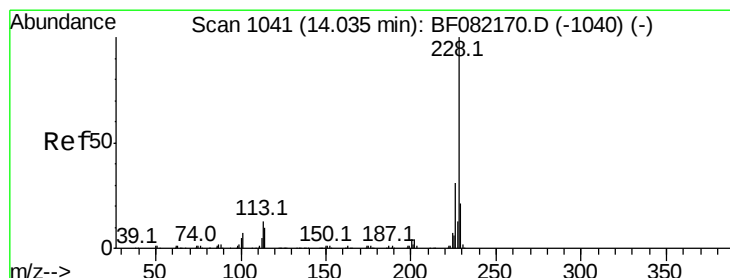
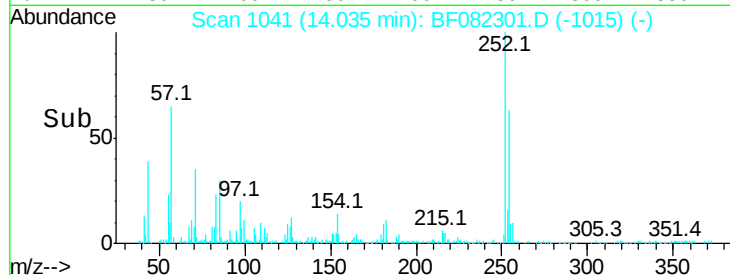
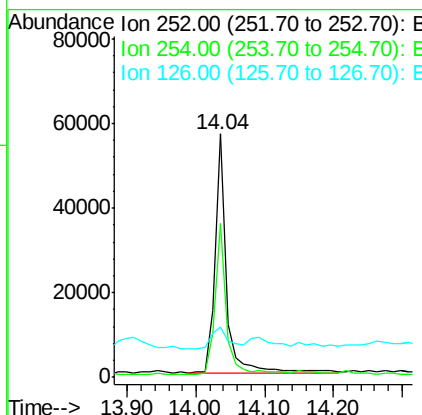
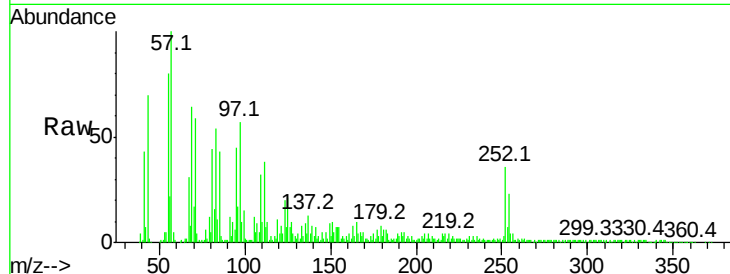
#81
 3,3'-Dichlorobenzidine
 Concen: 21.37 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.7	76.1
126	20.6	9.0	13.6

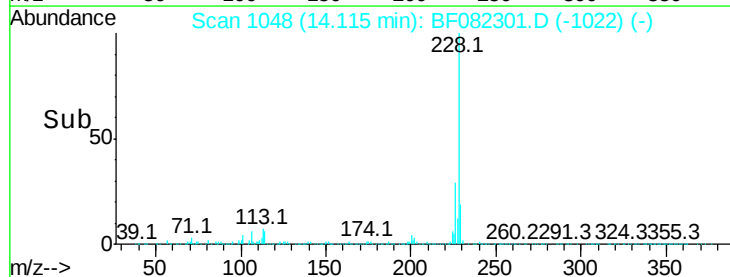
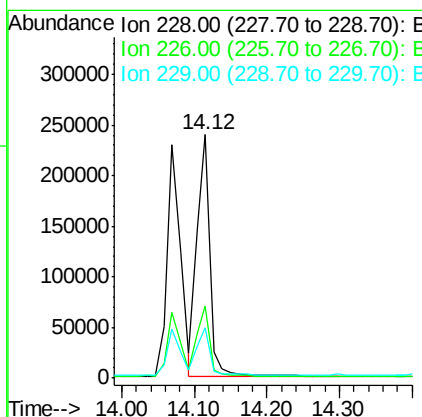
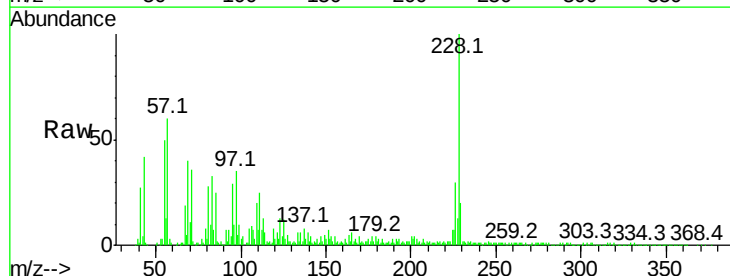
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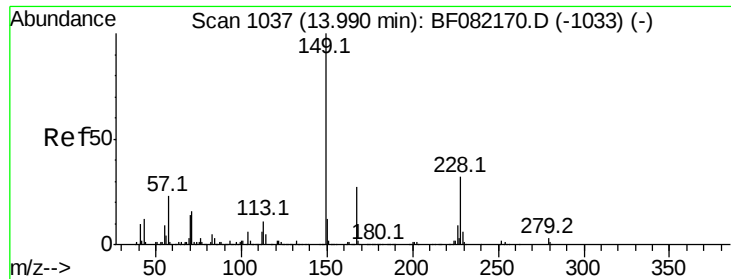
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#82
 Chrysene
 Concen: 34.16 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	20.5	16.3	24.5





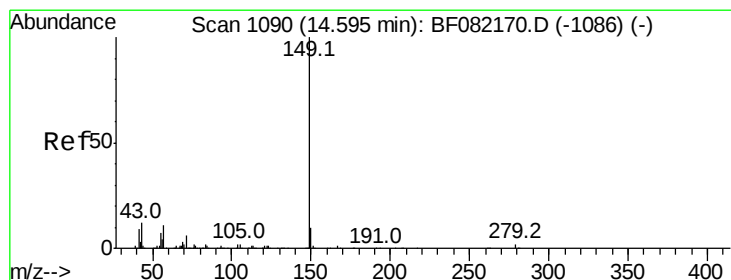
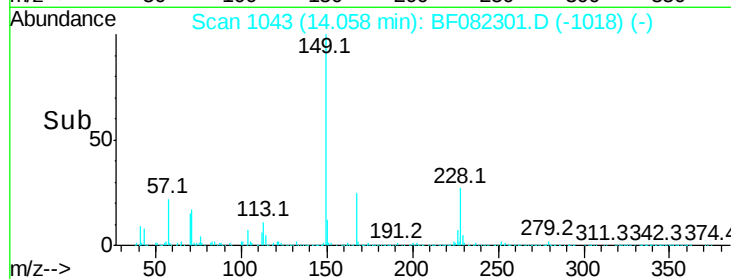
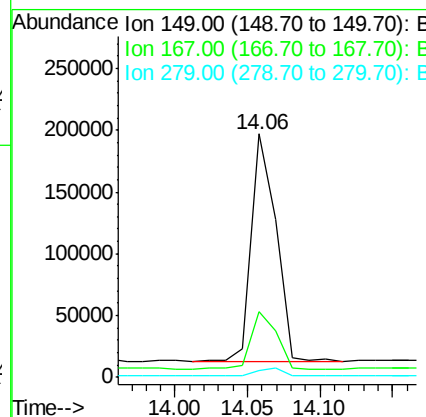
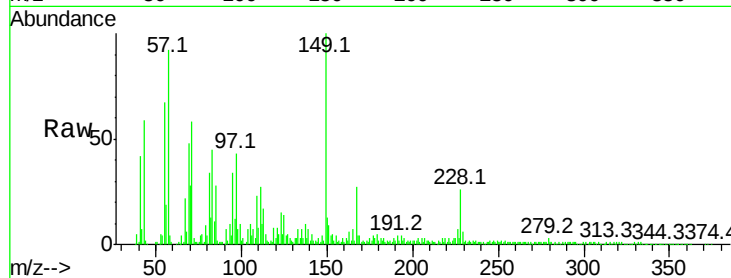
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.00 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Instrument :
 BNA_F
 ClientSampleId :
 LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	216207		
167	26.8	21.3	31.9	
279	2.8	2.6	4.0	

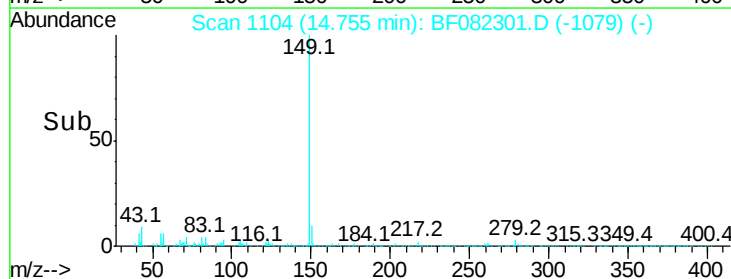
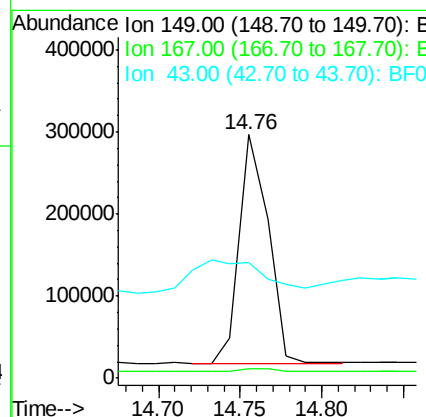
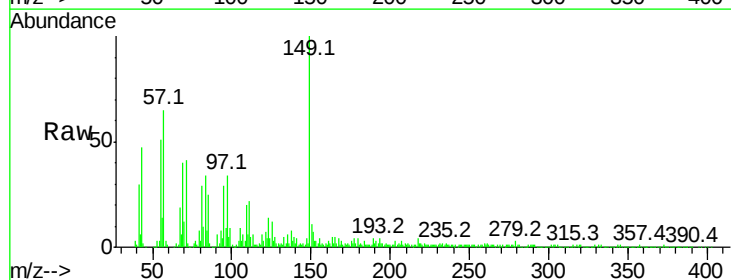
Manual Integrations
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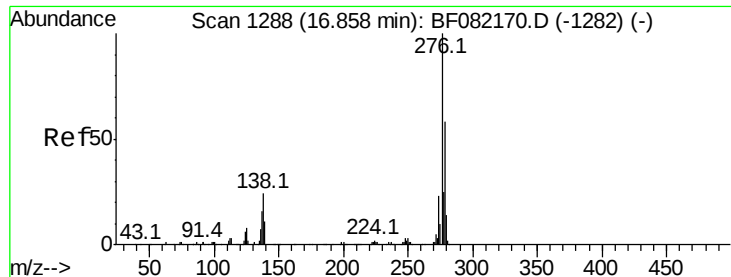
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#84
 Di-n-octyl phthalate
 Concen: 32.24 ng
 RT: 14.76 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF082301.D
 Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	342011		
167	1.6	1.3	1.9	
43	0.0	7.4	11.2#	





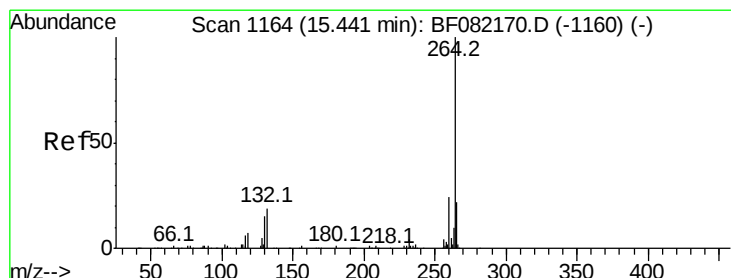
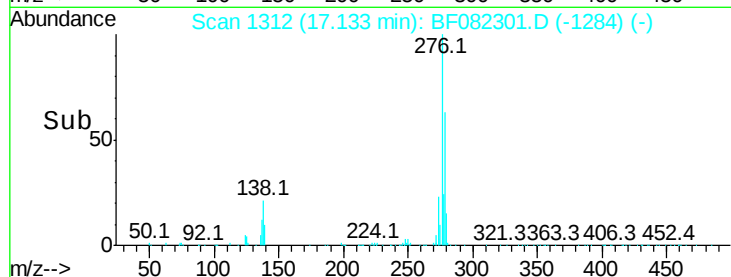
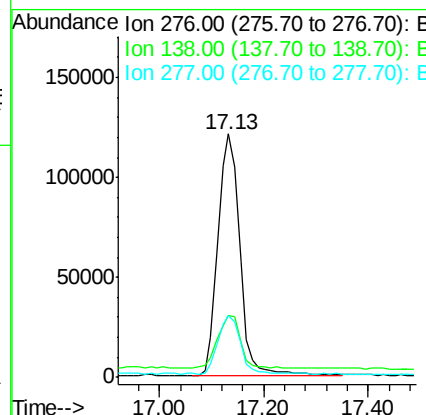
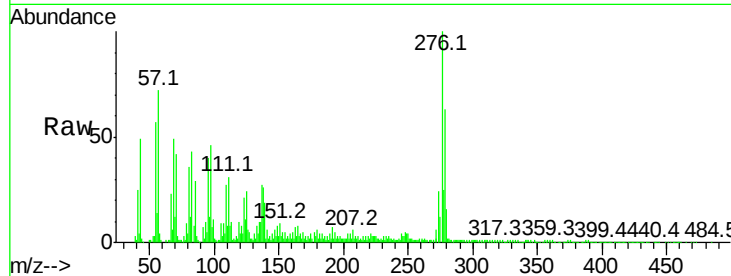
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.02 ng
RT: 17.13 min Scan# 1312
Delta R.T. 0.02 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Instrument :
BNA_F
ClientSampleId :
LF-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.7	29.5
277	24.7	20.1	30.1

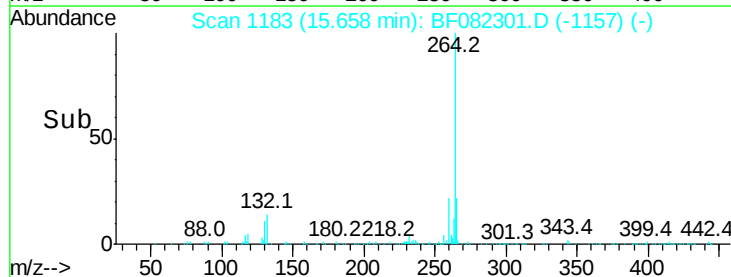
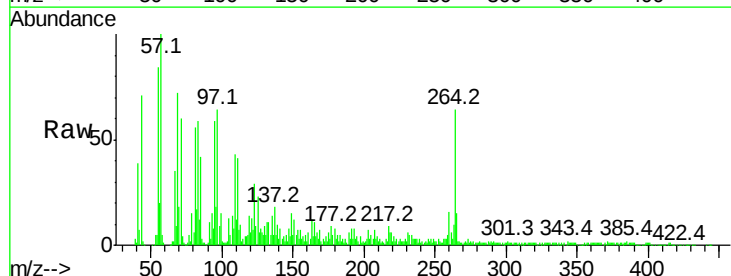
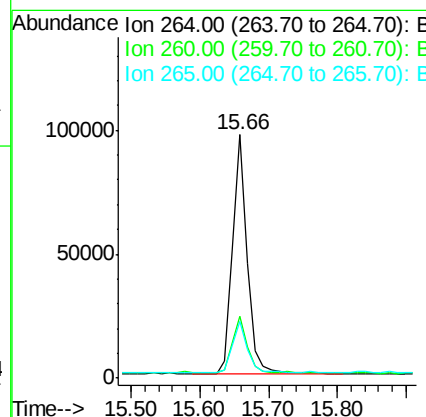
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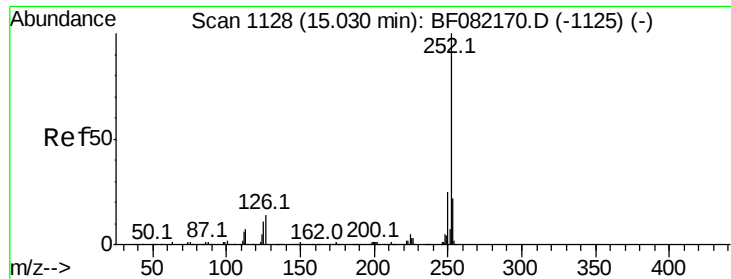
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.66 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF082301.D
Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.0	28.6
265	23.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 32.08 ng m

RT: 15.22 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

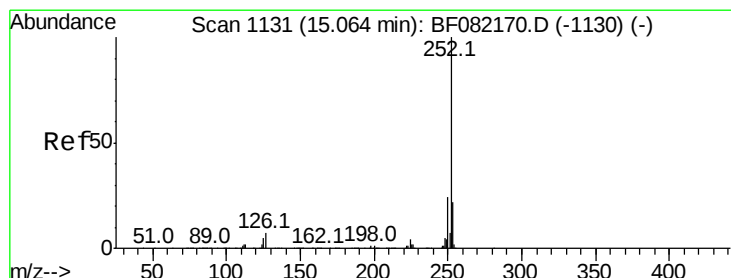
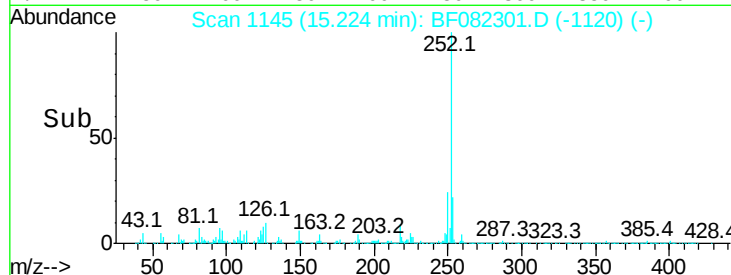
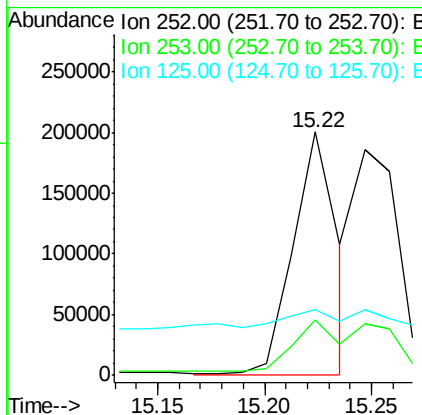
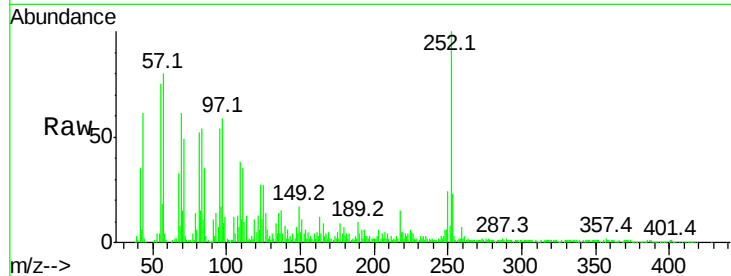
ClientSampled :

LF-1MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	287548		
253	22.8	18.0	27.0	
125	26.9	8.6	12.8#	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 37.37 ng m

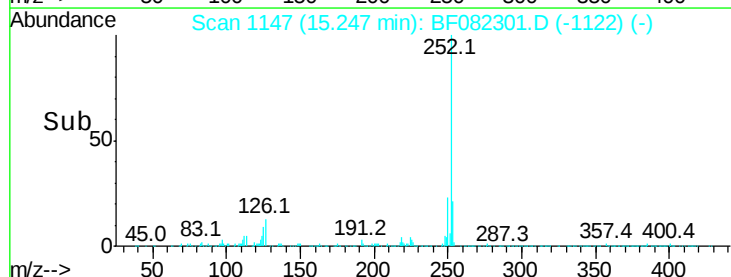
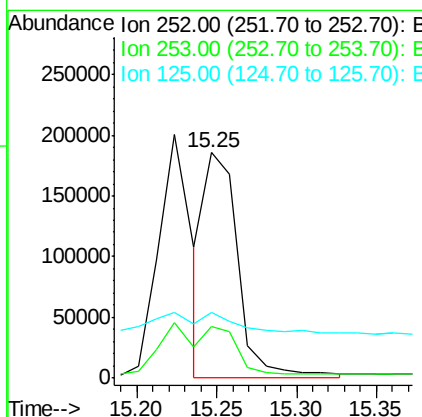
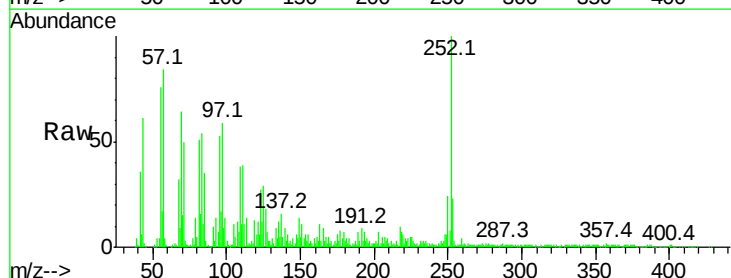
RT: 15.25 min Scan# 1147

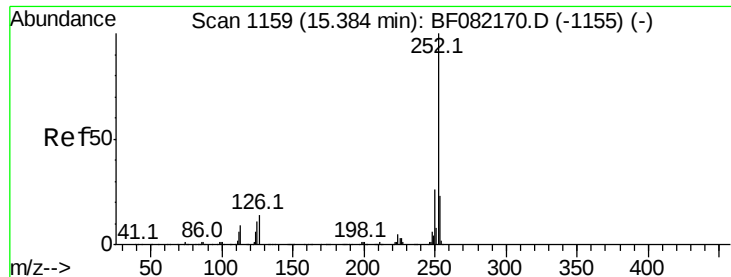
Delta R.T. -0.01 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	281554		
253	22.9	17.8	26.6	
125	28.9	6.7	10.1#	





#89

Benzo(a)pyrene

Concen: 34.50 ng

RT: 15.59 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

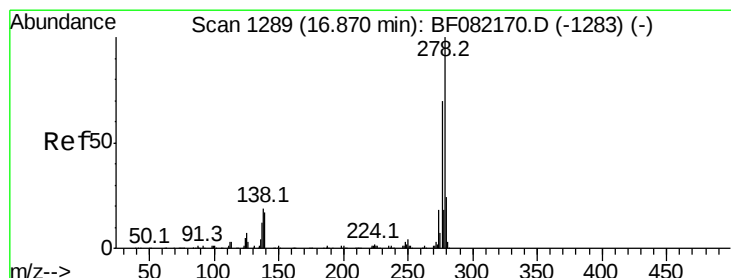
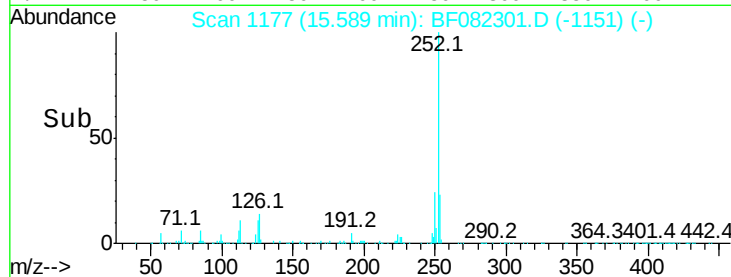
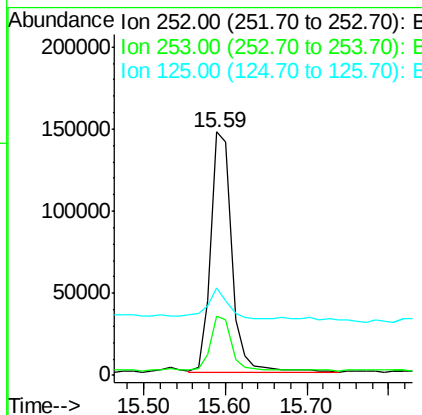
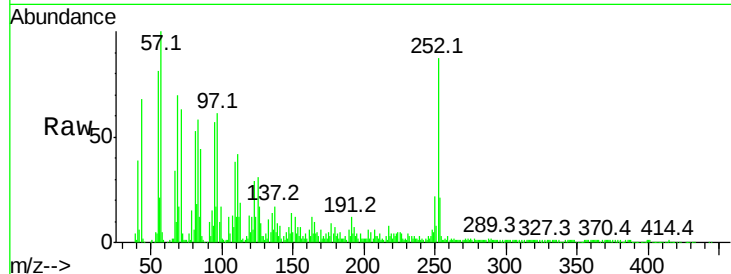
ClientSampleId :

LF-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	36.1	8.9	13.3#

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#90

Dibenzo(a,h)anthracene

Concen: 46.81 ng

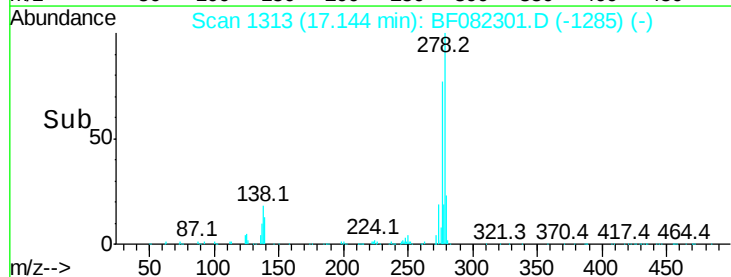
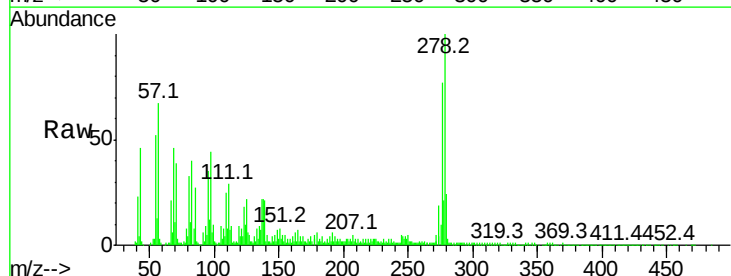
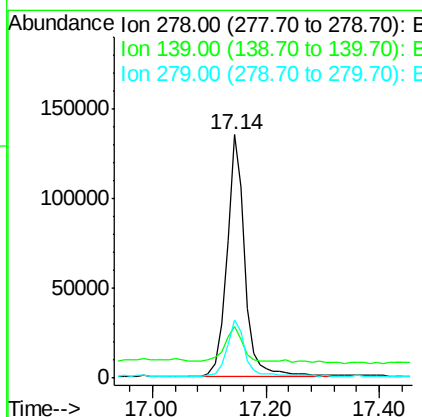
RT: 17.14 min Scan# 1313

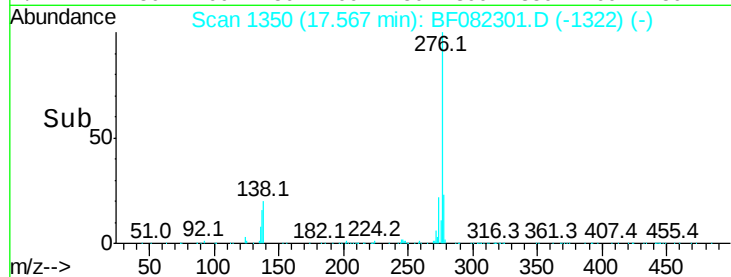
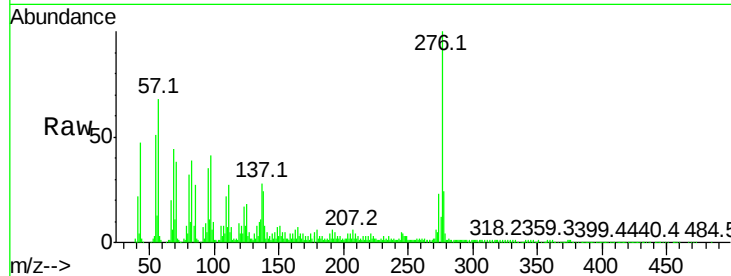
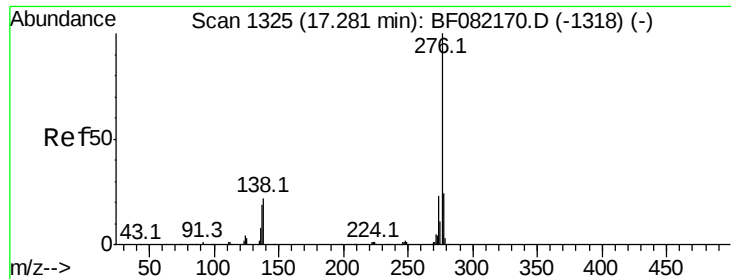
Delta R.T. 0.02 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.4	13.3	19.9#
279	24.1	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 48.17 ng

RT: 17.57 min Scan# 1350

Delta R.T. 0.02 min

Lab File: BF082301.D

Acq: 15 Oct 2015 11:05

Instrument :

BNA_F

ClientSampleId :

LF-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.8	28.2
138	23.7	17.4	26.2

Manual Integrations
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