

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082234.D
 Acq On : 12 Oct 2015 22:16
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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 10/13/2015 1:27:49 PM

Quant Time: Oct 13 02:54:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	76666	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	306046	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	150412	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	309187	20.00	ng	0.00
75) Chrysene-d12	14.01	240	285002	20.00	ng	0.00
86) Perylene-d12	15.44	264	229881	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	299111	78.74	ng	0.00
7) Phenol-d6	6.47	99	382810	77.44	ng	0.00
23) Nitrobenzene-d5	7.41	82	359977	78.99	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	117259	83.13	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	721411	79.54	ng	0.00
78) Terphenyl-d14	12.95	244	778664	72.40	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	72814	38.15	ng	95
3) Pyridine	3.10	79	173954	39.19	ng	97
4) n-Nitrosodimethylamine	3.05	42	76076	40.41	ng	99
6) Aniline	6.49	93	253449	39.77	ng	# 72
8) 2-Chlorophenol	6.62	128	182537	39.36	ng	92
9) Benzaldehyde	6.38	77	101738	40.30	ng	93
10) Phenol	6.48	94	201981	35.44	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	176566	36.63	ng	94
12) 1,3-Dichlorobenzene	6.77	146	200658m	37.16	ng	
13) 1,4-Dichlorobenzene	6.85	146	206533	36.62	ng	96
14) 1,2-Dichlorobenzene	7.01	146	206237m	38.51	ng	
15) Benzyl Alcohol	6.98	79	143834	42.15	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	249016	37.10	ng	98
17) 2-Methylphenol	7.10	107	147401	40.20	ng	97
18) Hexachloroethane	7.35	117	69027	35.76	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	131448	37.86	ng	96
20) 3+4-Methylphenols	7.26	107	175702	40.21	ng	# 84
22) Acetophenone	7.25	105	233583	38.58	ng	98
24) Nitrobenzene	7.43	77	188873	38.29	ng	# 83
25) Isophorone	7.66	82	340201	36.99	ng	98
26) 2-Nitrophenol	7.74	139	98408	39.95	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	166732	42.01	ng	96
28) bis(2-Chloroethoxy)methane	7.87	93	211698	39.56	ng	98
29) 2,4-Dichlorophenol	7.99	162	153079	38.59	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	168480	36.85	ng	96
31) Naphthalene	8.15	128	500732	37.74	ng	99
32) Benzoic acid	7.91	122	101136	37.97	ng	96
33) 4-Chloroaniline	8.19	127	216749	39.34	ng	# 95
34) Hexachlorobutadiene	8.25	225	100809	35.38	ng	99
35) Caprolactam	8.58	113	50172	43.58	ng	91
36) 4-Chloro-3-methylphenol	8.69	107	167344	43.14	ng	89
37) 2-Methylnaphthalene	8.83	142	362211	39.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	172610	38.58	ng	98
40) Hexachlorocyclopentadiene	8.98	237	63070	33.27	ng	98

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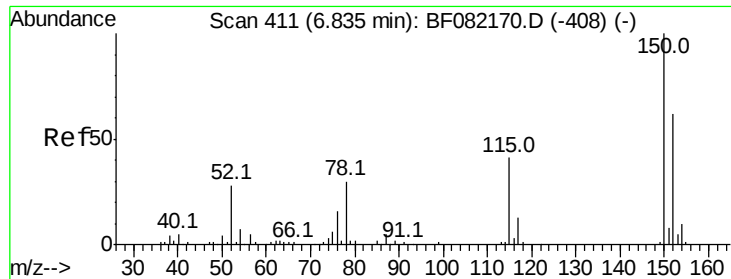
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	120438	40.53	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	126676	39.35	nq	# 89
45) 1,1'-Biphenyl	9.30	154	470389	41.01	nq	96
46) 2-Chloronaphthalene	9.33	162	361012	39.98	nq	96
47) 2-Nitroaniline	9.43	65	110614	44.62	nq	# 84
48) Acenaphthylene	9.74	152	548150	38.97	nq	99
49) Dimethylphthalate	9.61	163	413985	39.09	nq	# 97
50) 2,6-Dinitrotoluene	9.67	165	89568	40.08	nq	# 82
51) Acenaphthene	9.91	154	333546	39.50	nq	98
52) 3-Nitroaniline	9.84	138	101601	40.25	nq	87
53) 2,4-Dinitrophenol	9.95	184	40639	36.34	nq	# 90
54) Dibenzofuran	10.08	168	448515	38.69	nq	96
55) 4-Nitrophenol	10.01	139	59746	42.12	nq	93
56) 2,4-Dinitrotoluene	10.08	165	120608	43.18	nq	89
57) Fluorene	10.42	166	363165	38.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	113407	43.12	nq	94
59) Diethylphthalate	10.30	149	402122	40.73	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	183776	42.14	nq	# 83
61) 4-Nitroaniline	10.46	138	108991	44.51	nq	97
62) Azobenzene	10.58	77	395869	40.97	nq	87
64) 4,6-Dinitro-2-methylphenol	10.48	198	64687	37.28	nq	# 67
65) n-Nitrosodiphenylamine	10.54	169	342445	36.99	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	119829	38.73	nq	# 81
67) Hexachlorobenzene	10.97	284	126615	37.84	nq	# 81
68) Atrazine	11.07	200	126046	42.98	nq	95
69) Pentachlorophenol	11.17	266	66900	38.85	nq	97
70) Phenanthrene	11.39	178	592664	39.11	nq	98
71) Anthracene	11.44	178	623599	39.93	nq	100
72) Carbazole	11.60	167	569872	40.00	nq	99
73) Di-n-butylphthalate	11.93	149	672647	38.27	nq	# 97
74) Fluoranthene	12.57	202	651832	40.05	nq	96
76) Benzydine	12.71	184	312960	37.89	nq	100
77) Pyrene	12.80	202	668048	39.50	nq	99
79) Butylbenzylphthalate	13.43	149	309143	40.05	nq	# 83
80) Benzo(a)anthracene	14.00	228	573549	38.68	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	217126	38.58	nq	# 96
82) Chrysene	14.04	228	627622	40.17	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	385238	34.98	nq	# 95
84) Di-n-octyl phthalate	14.60	149	657586	34.77	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	505102	40.67	nq	99
87) Benzo(b)fluoranthene	15.03	252	506231	36.20	nq	# 97
88) Benzo(k)fluoranthene	15.05	252	479408m	40.78	nq	
89) Benzo(a)pyrene	15.38	252	464860	38.68	nq	# 96
90) Dibenzo(a,h)anthracene	16.87	278	413795	42.01	nq	97
91) Benzo(g,h,i)perylene	17.28	276	412224	43.08	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082234.D

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Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 76666

Ion Ratio Lower Upper

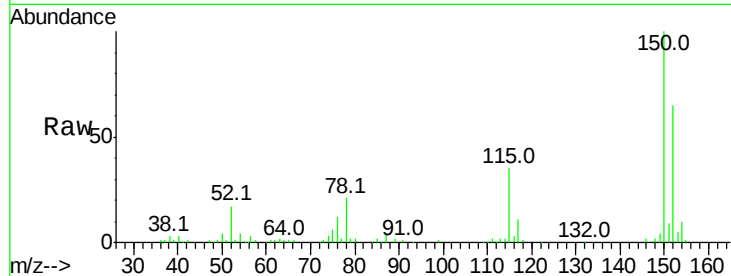
152 100

150 154.3 129.0 193.4

115 54.6 52.1 78.1

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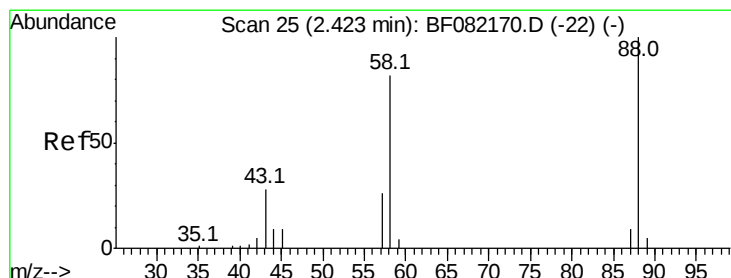
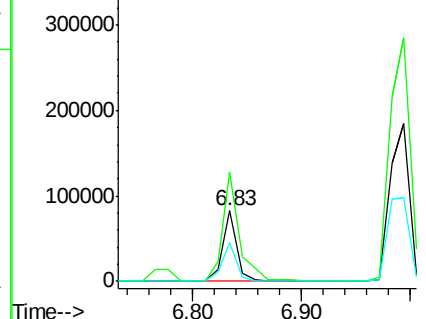
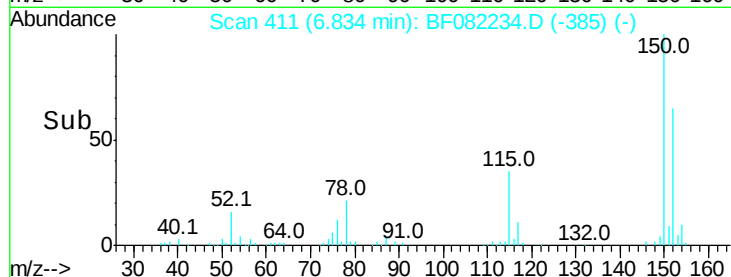
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.15 ng

RT: 2.37 min Scan# 20

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

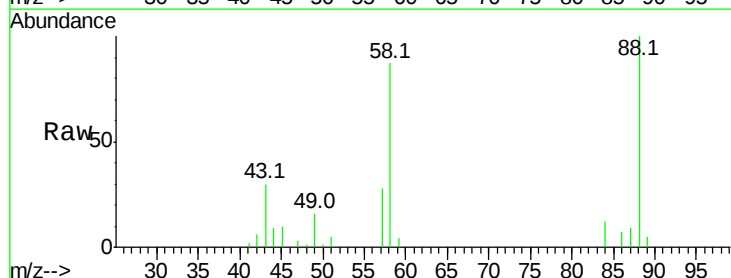
Tgt Ion: 88 Resp: 72814

Ion Ratio Lower Upper

88 100

58 77.3 66.2 99.4

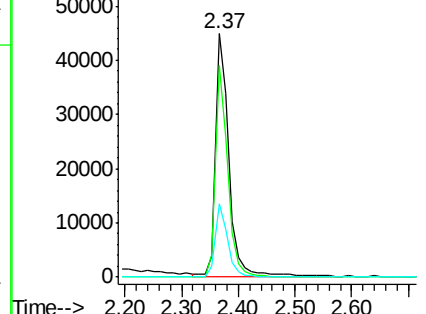
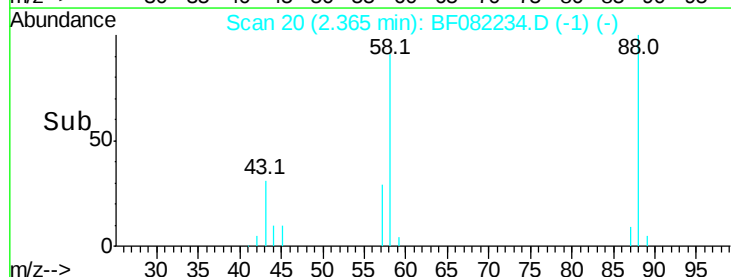
43 27.1 23.0 34.4

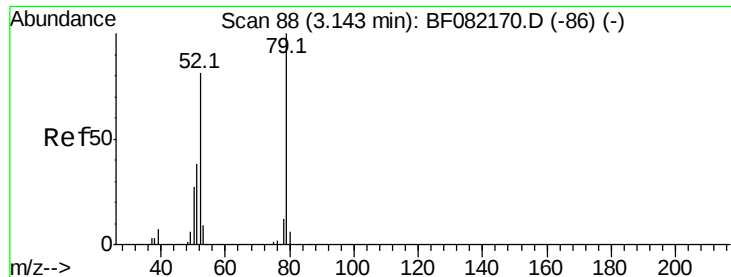


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





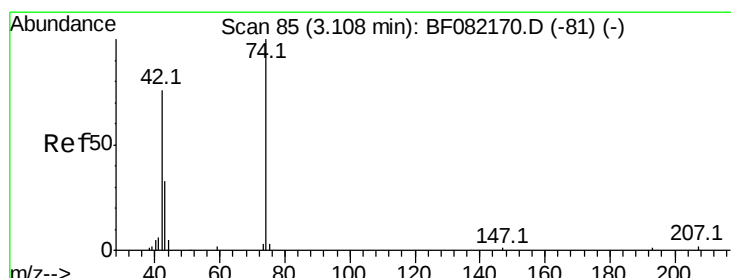
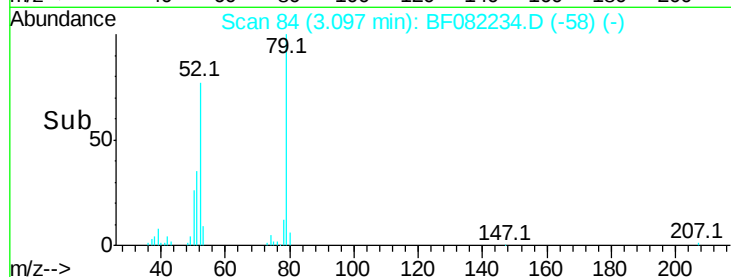
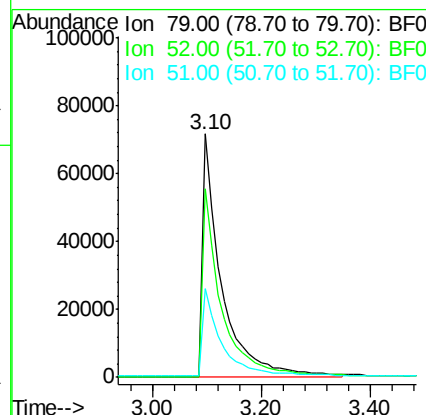
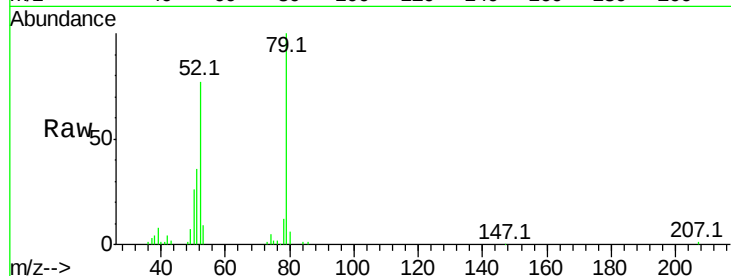
#3
 Pvridine
 Concen: 39.19 ng
 RT: 3.10 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.4	64.4	96.6
51	36.3	30.5	45.7

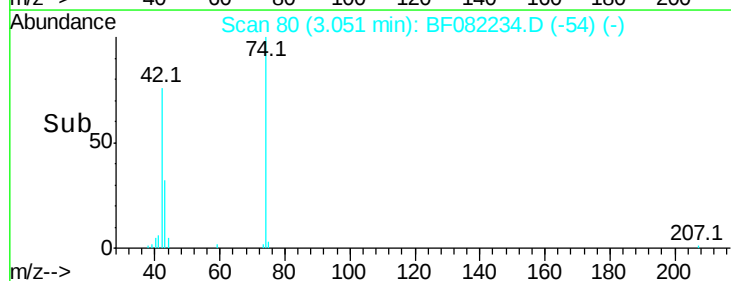
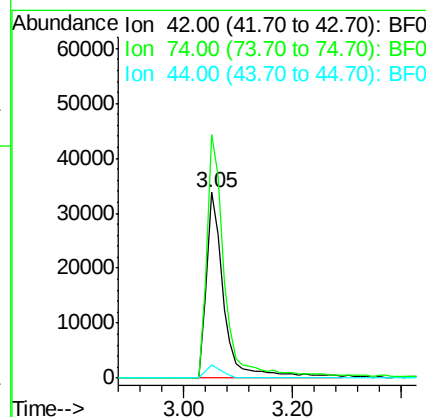
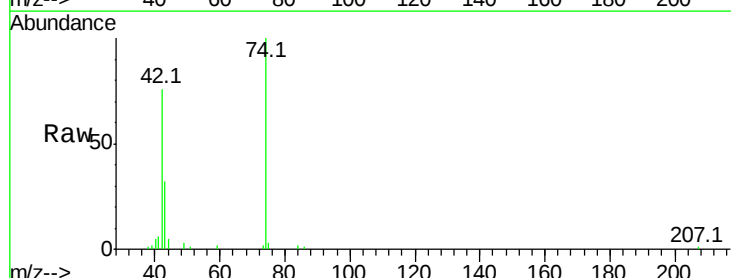
Manual Integrations
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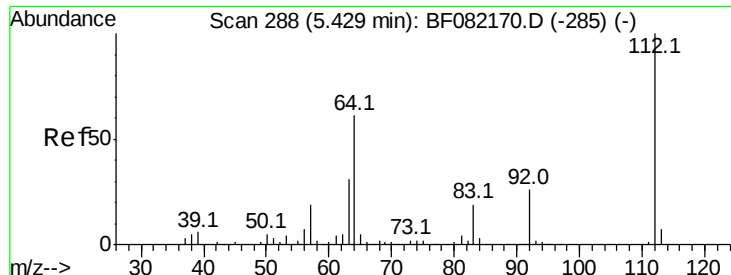
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#4
 n-Nitrosodimethylamine
 Concen: 40.41 ng
 RT: 3.05 min Scan# 80
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.0	105.7	158.5
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 78.74 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

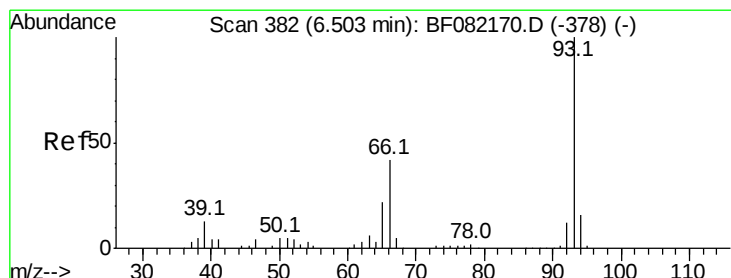
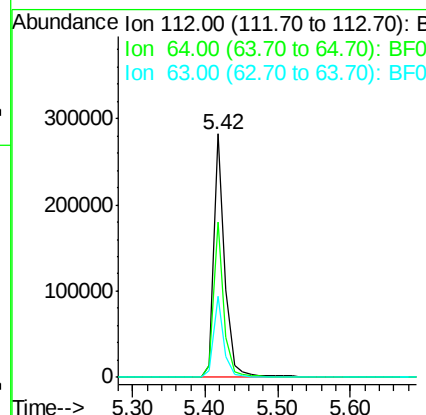
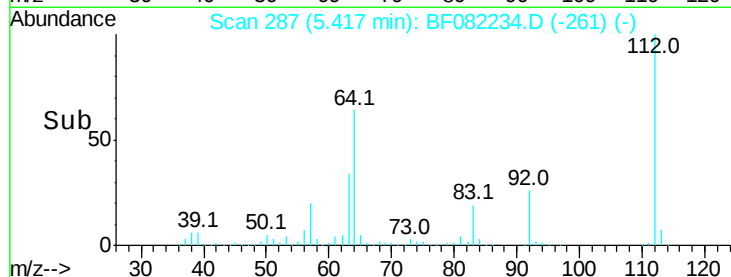
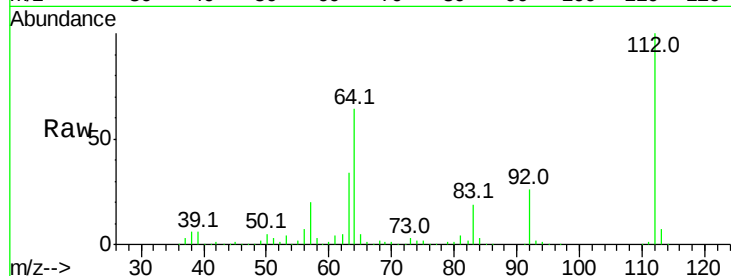
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	63.5	48.6	73.0
63	33.5	25.1	37.7

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#6

Aniline

Concen: 39.77 ng

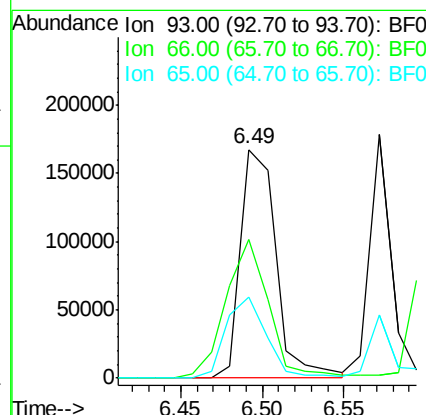
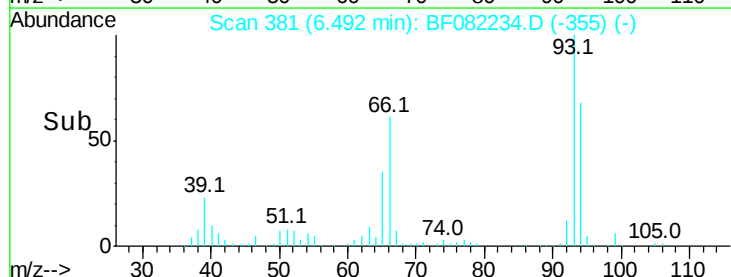
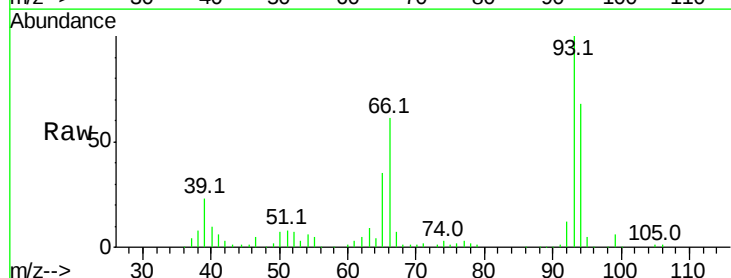
RT: 6.49 min Scan# 381

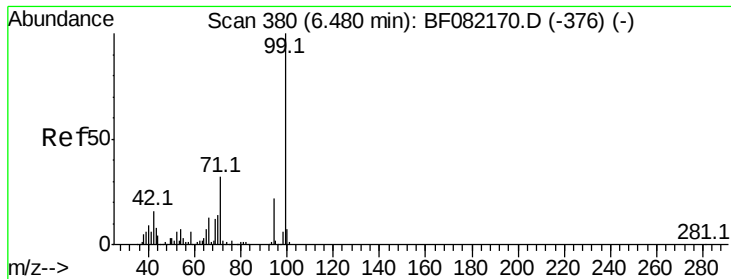
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	60.9	34.2	51.2#
65	35.2	17.9	26.9#





#7

Phenol-d6

Concen: 77.44 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

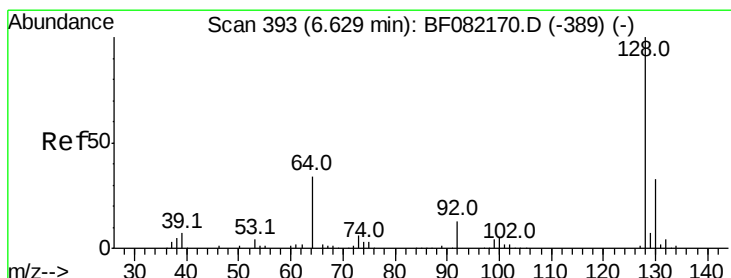
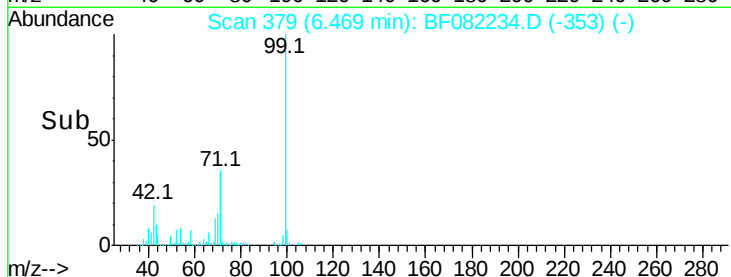
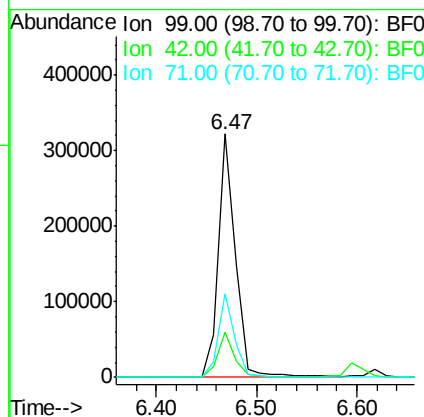
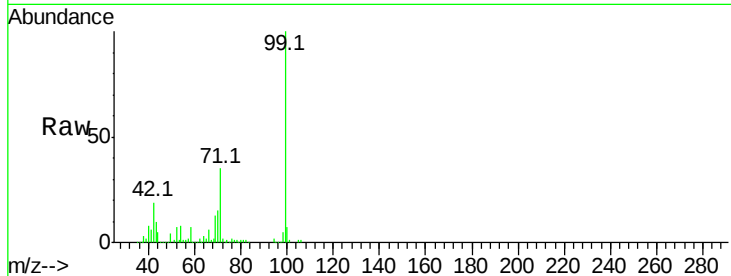
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Tot Ion	99	Resp	382810
Ion Ratio	Lower	Upper	
99	100		
42	18.6	13.2	19.8
71	34.5	25.6	38.4



#8

2-Chlorophenol

Concen: 39.36 ng

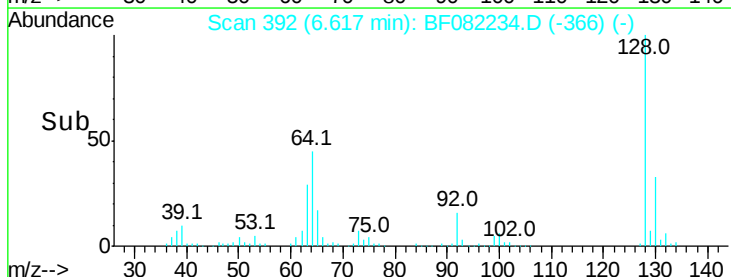
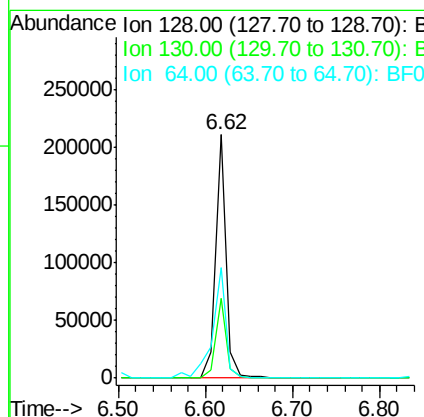
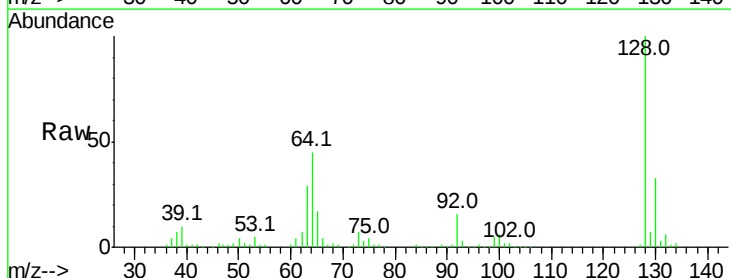
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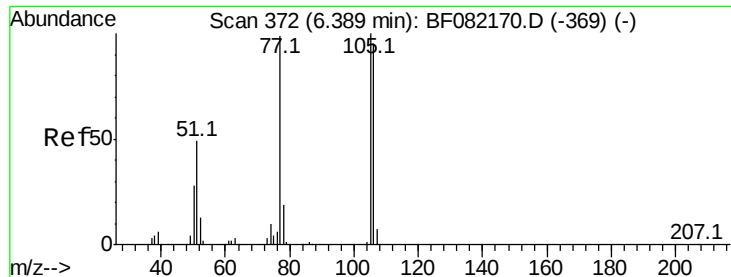
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	128	Resp	182537
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.6	52.6
64	45.4	16.7	56.7





#9

Benzaldehyde

Concen: 40.30 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

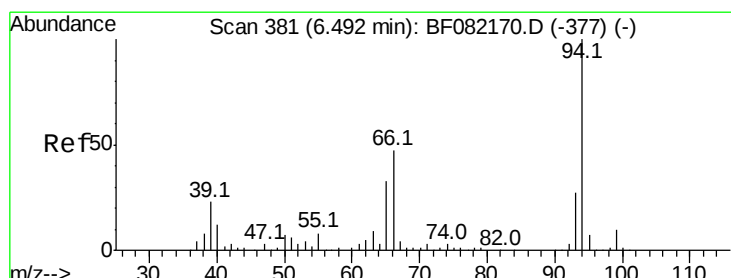
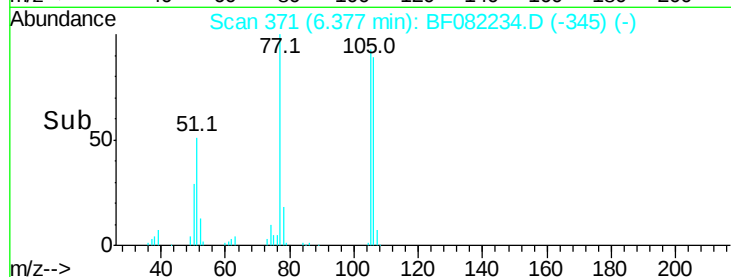
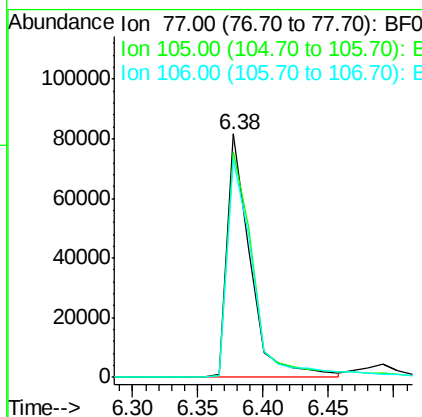
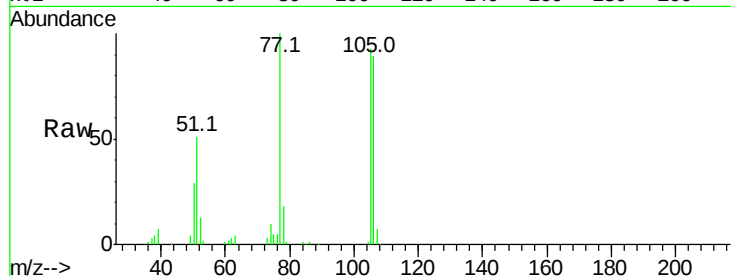
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	77	Resp:	101738
Ion Ratio	Lower	Upper	
77	100		
105	92.7	80.6	120.6
106	89.3	75.5	115.5



#10

Phenol

Concen: 35.44 ng

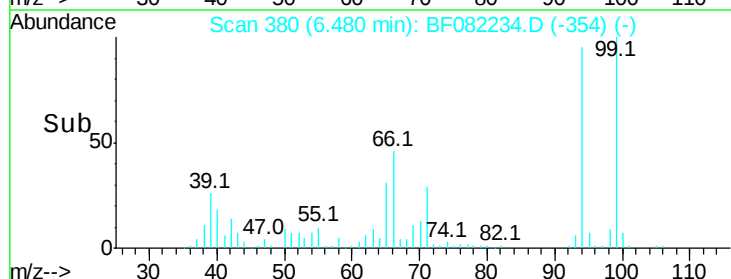
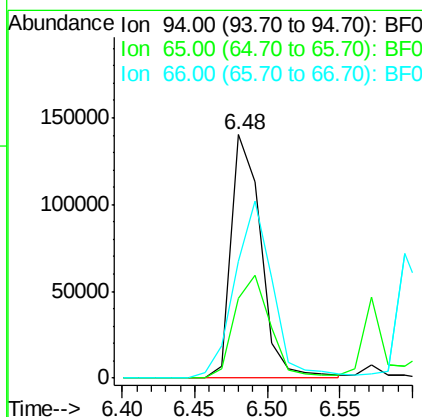
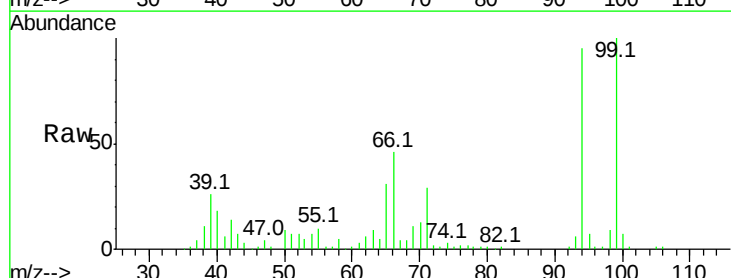
RT: 6.48 min Scan# 380

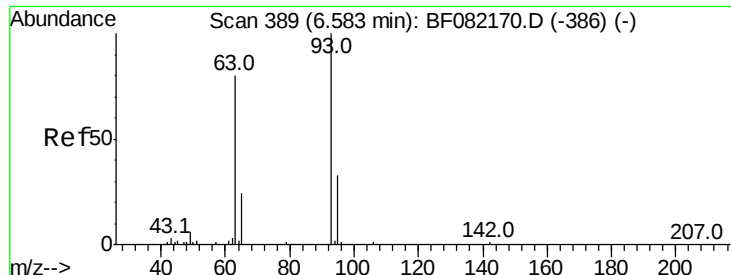
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	94	Resp:	201981
Ion Ratio	Lower	Upper	
94	100		
65	32.9	12.6	52.6
66	48.3	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 36.63 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

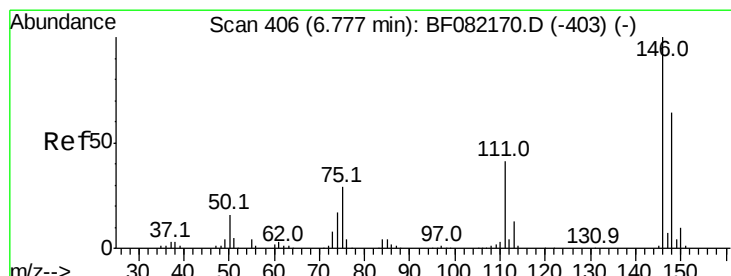
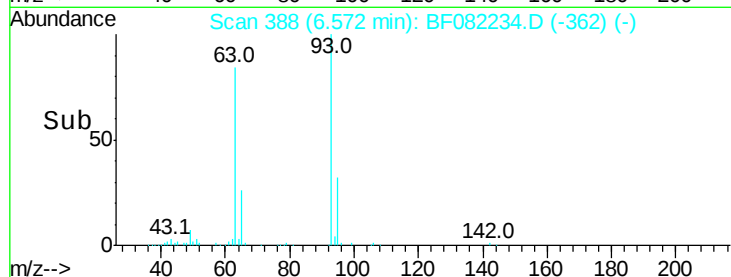
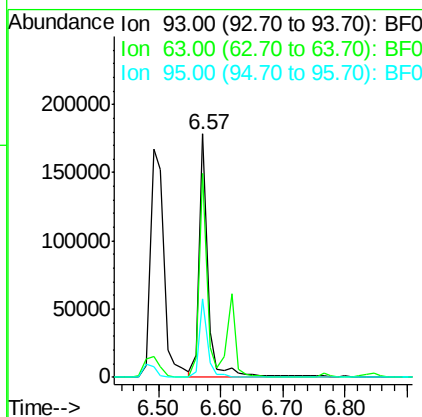
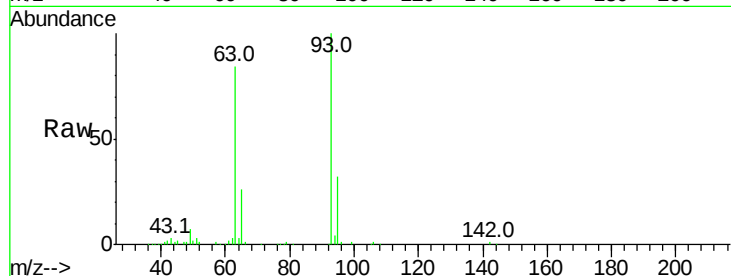
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	176566
Ion Ratio	Lower	Upper	
93	100		
63	83.8	57.1	97.1
95	32.2	11.9	51.9

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MMdadoda
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#12

1,3-Dichlorobenzene

Concen: 37.16 ng m

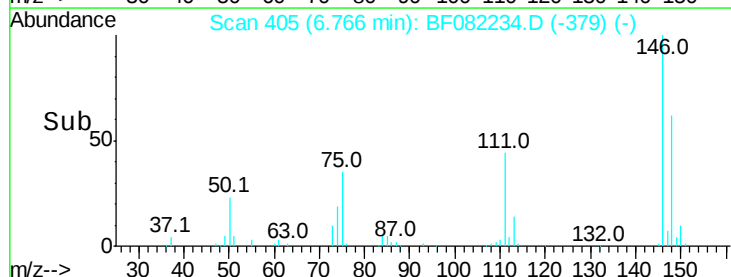
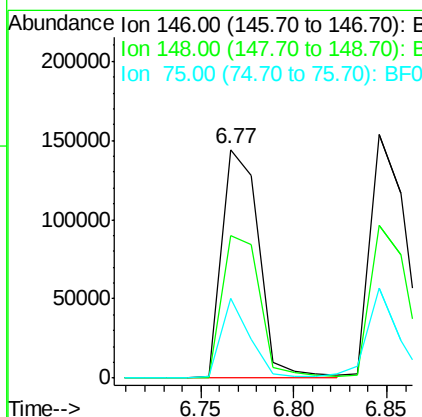
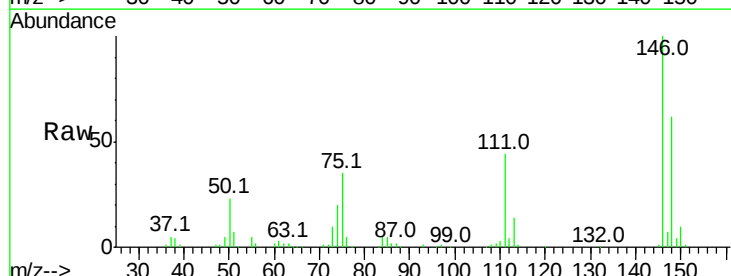
RT: 6.77 min Scan# 405

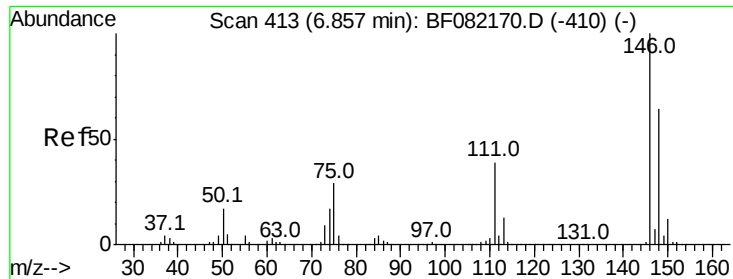
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	146	Resp:	200658
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.4	77.2
75	35.1	23.0	34.6#





#13

1,4-Dichlorobenzene

Concen: 36.62 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

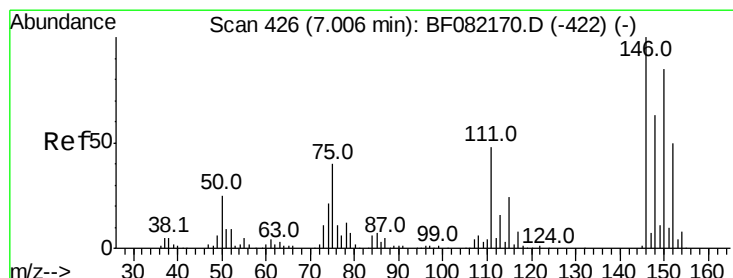
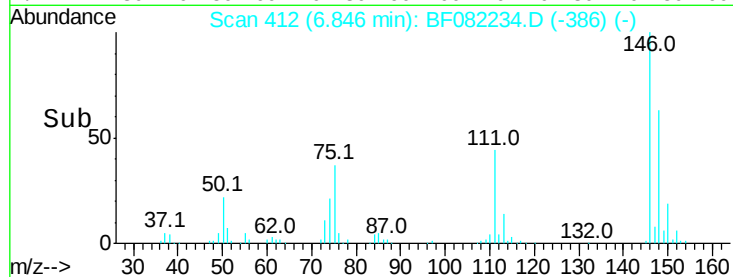
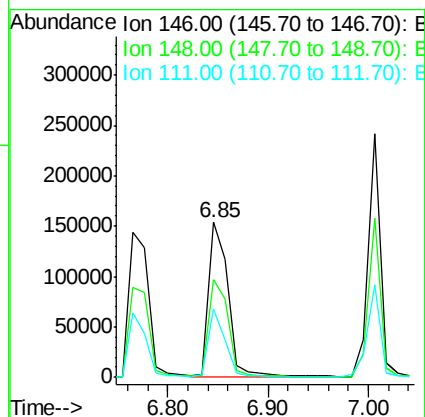
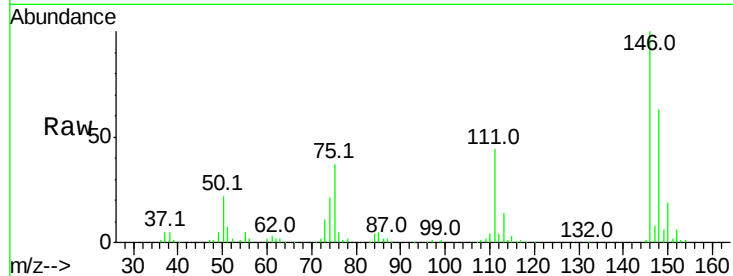
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	206533
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.0	76.4
111	44.3	31.1	46.7

Manual Integrations
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MMdadoda
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#14

1,2-Dichlorobenzene

Concen: 38.51 ng m

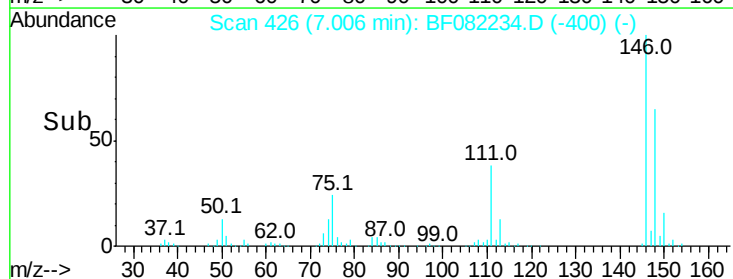
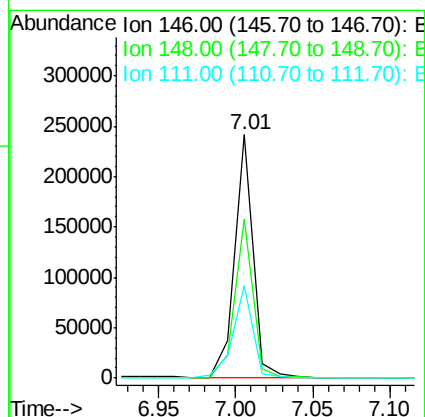
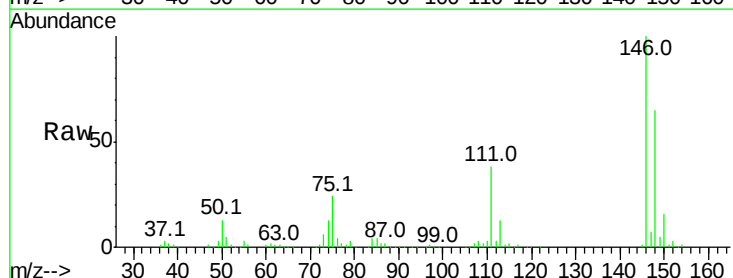
RT: 7.01 min Scan# 426

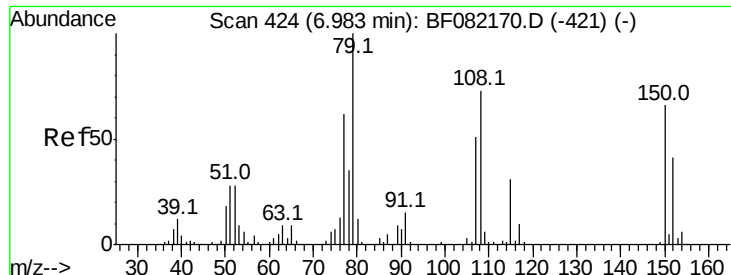
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	146	Resp:	206237
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.5	75.7
111	38.2	38.5	57.7#





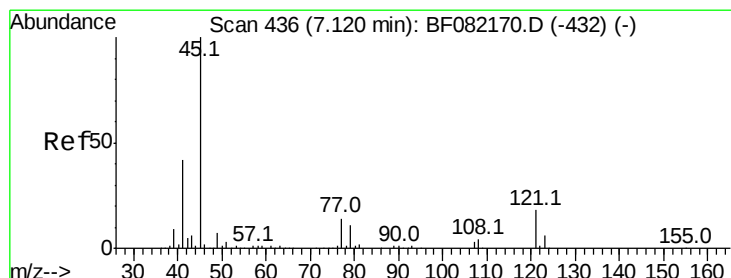
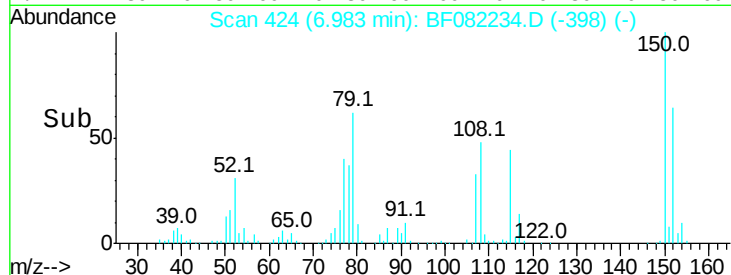
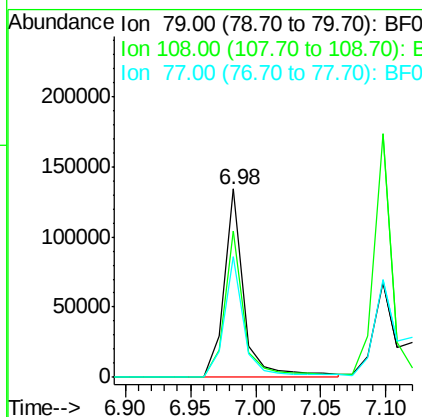
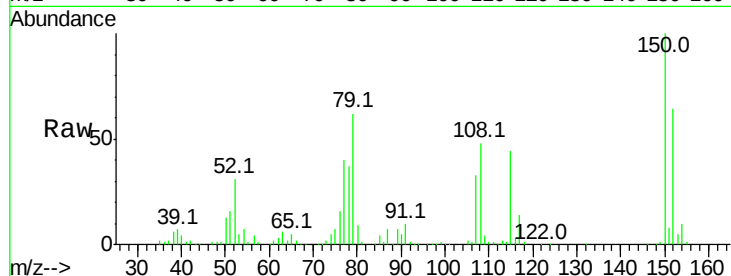
#15
Benzyl Alcohol
Concen: 42.15 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	58.4	87.6
77	64.5	49.8	74.6

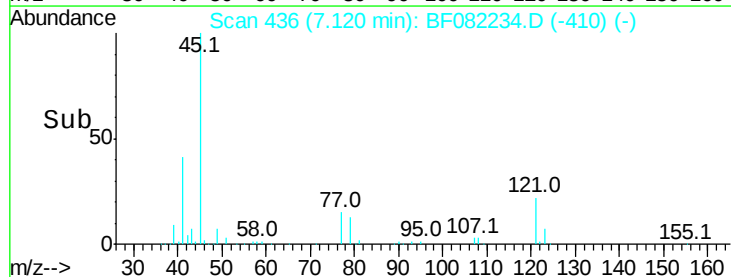
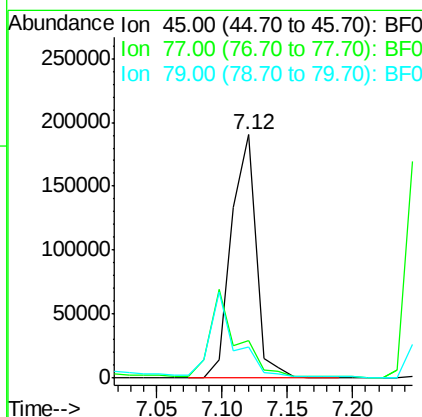
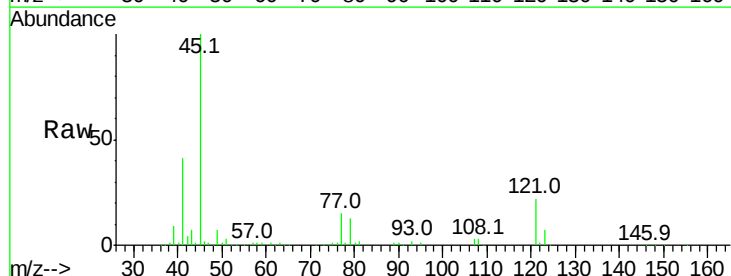
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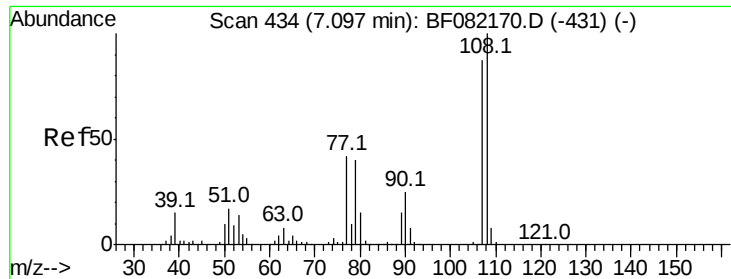
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.10 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.5
79	12.9	0.0	31.6





#17

2-Methylphenol

Concen: 40.20 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

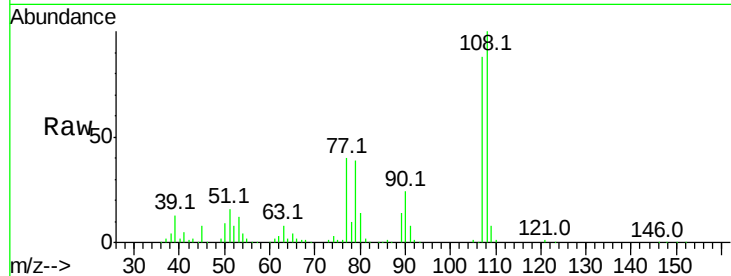
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	147401
Ion Ratio	Lower	Upper	
107	100		
108	114.1	92.2	138.2
77	45.5	39.6	59.4
79	44.5	38.2	57.4

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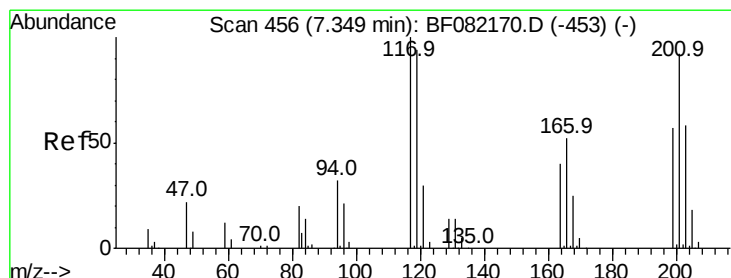
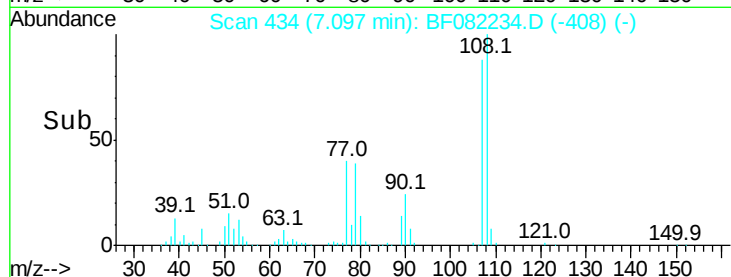
Abundance Ion 107.00 (106.70 to 107.70): E

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

Time-->



#18

Hexachloroethane

Concen: 35.76 ng

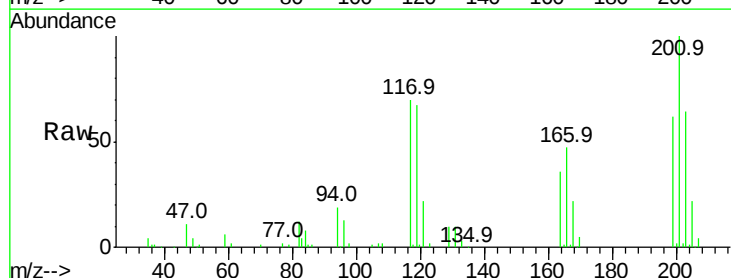
RT: 7.35 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	117	Resp:	69027
Ion Ratio	Lower	Upper	
117	100		
119	95.6	75.4	113.2
201	141.9	73.4	110.0#

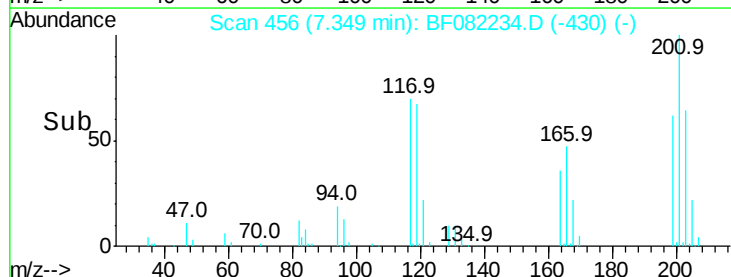


Abundance Ion 117.00 (116.70 to 117.70): E

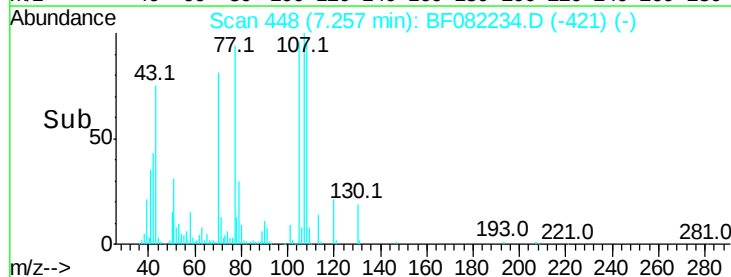
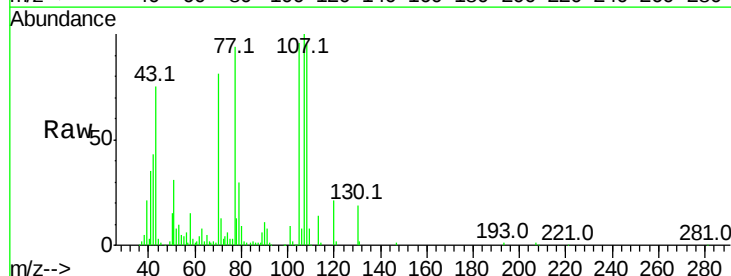
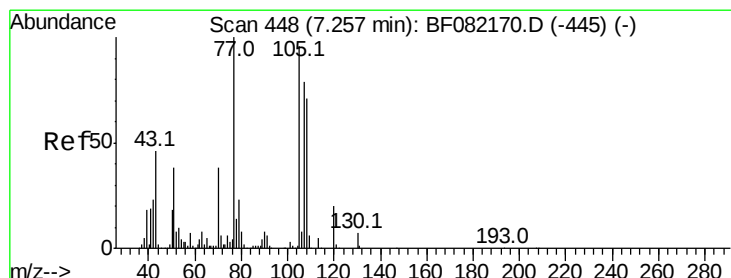
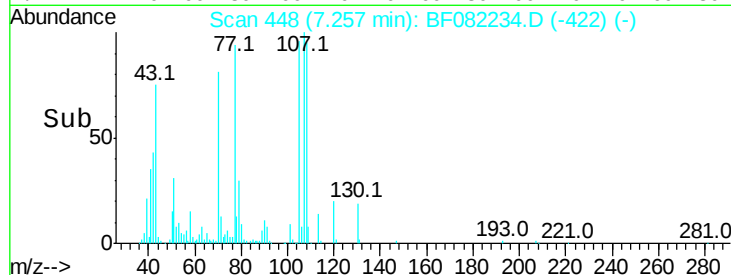
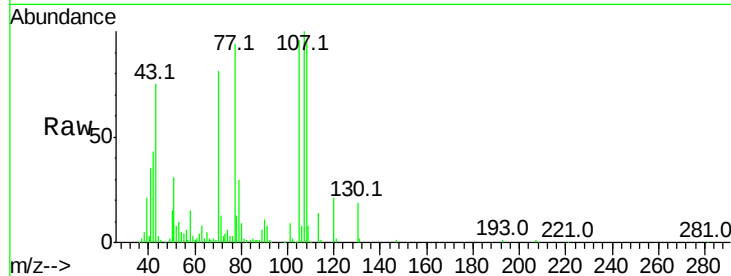
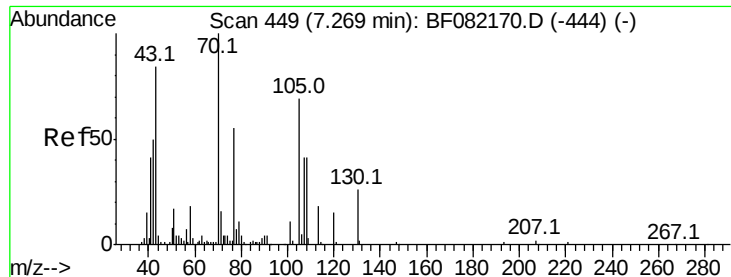
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->



Time-->



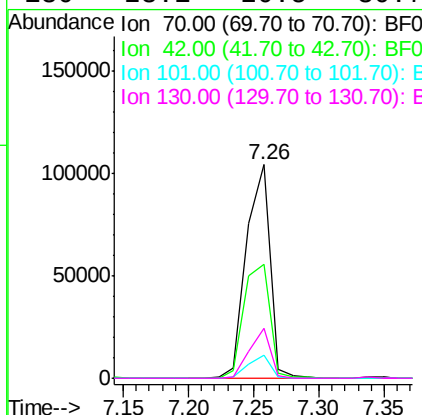
#19
n-Nitroso-di-n-propylamine
Concen: 37.86 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.1	39.8	59.8	
101	10.6	8.6	13.0	
130	23.1	20.5	30.7	

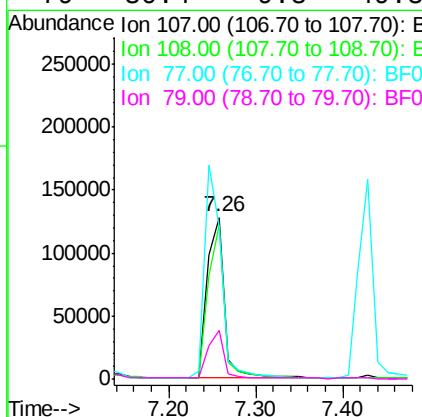
Manual Integrations
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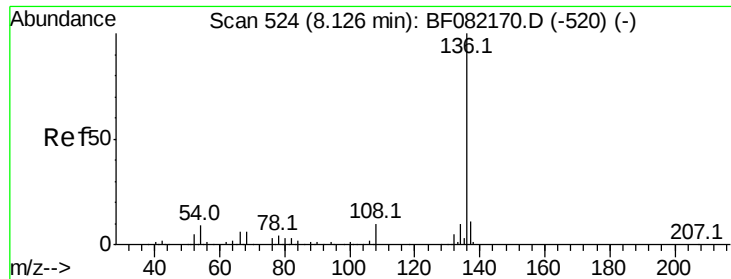
MMdadoda
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#20
3+4-Methylphenols
Concen: 40.21 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.2	69.9	109.9	
77	94.4	106.0	146.0#	
79	30.4	9.8	49.8	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

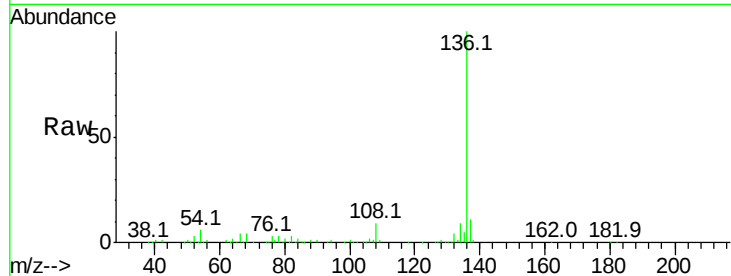
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.6	
54	6.1	7.5	11.3	
68	4.2	4.6	7.0	

Manual Integrations
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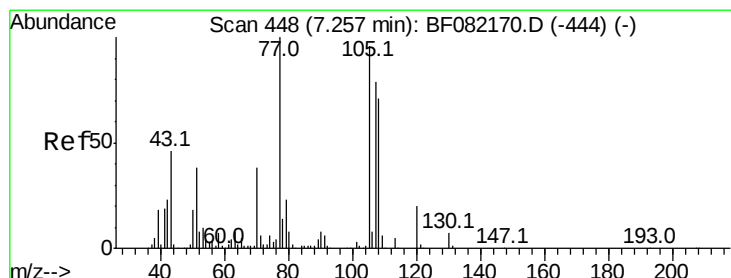
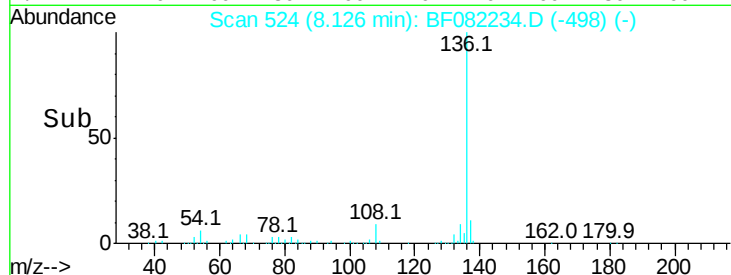
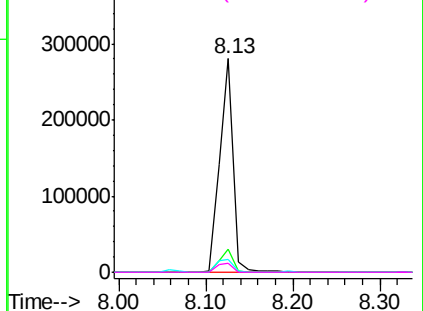
Abundance

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: 38.58 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.9	5.4	8.0	
51	40.8	31.8	47.6	
120	20.0	16.3	24.5	

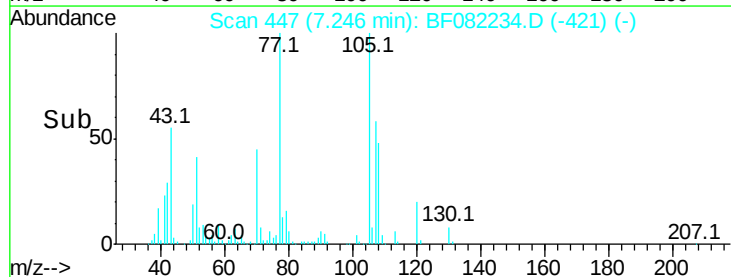
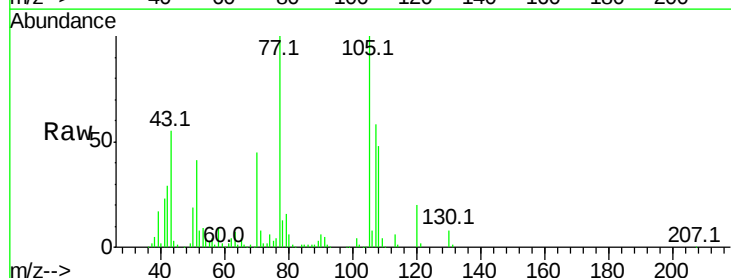
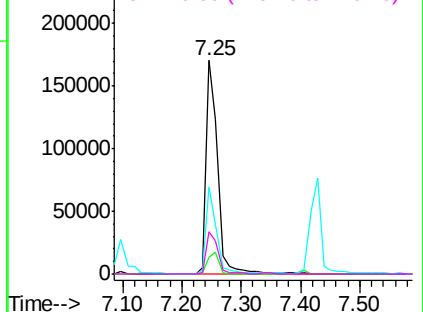
Abundance

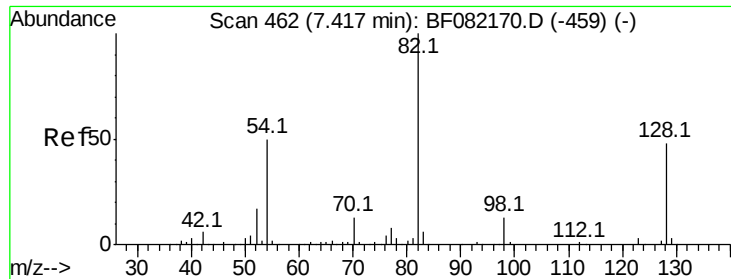
Ion 105.00 (104.70 to 105.70): E

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





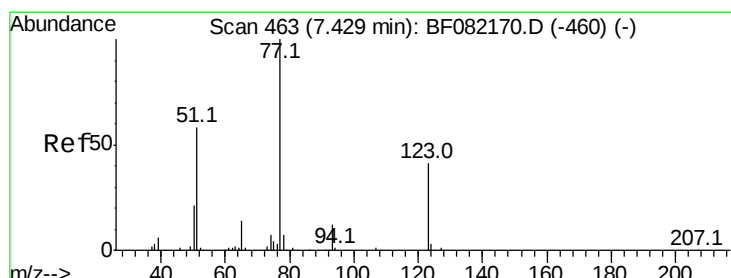
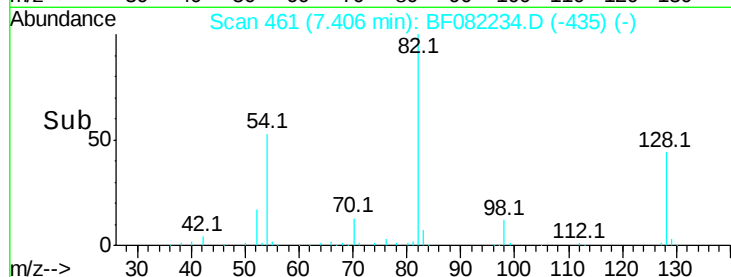
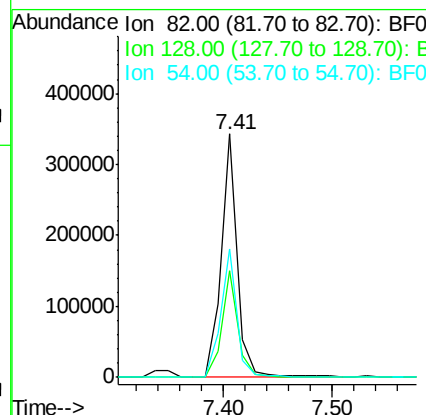
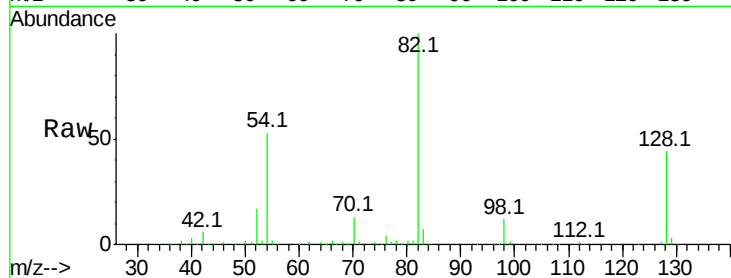
#23
 Nitrobenzene-d5
 Concen: 78.99 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	38.7	58.1
54	53.0	40.1	60.1

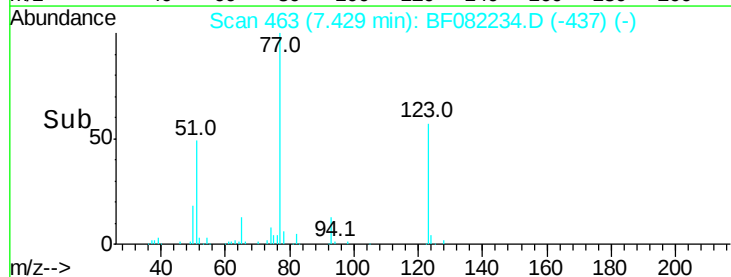
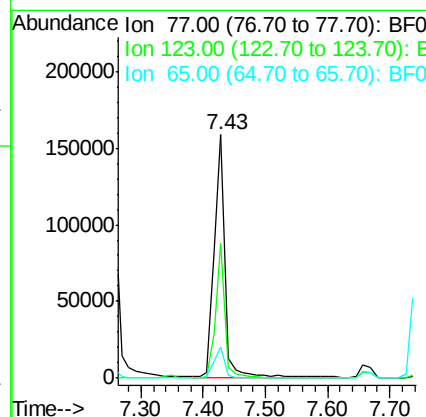
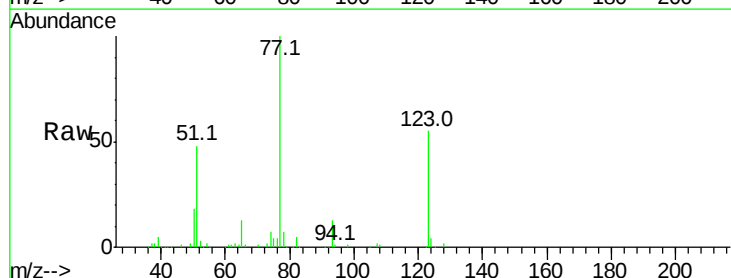
Manual Integrations
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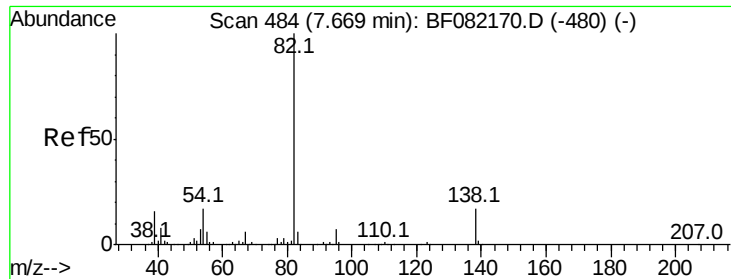
MMdadoda
 10/13/2015 1:27:49 PM



#24
 Nitrobenzene
 Concen: 38.29 ng
 RT: 7.43 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	33.0	49.4#
65	12.9	11.2	16.8





#25

Isophorone

Concen: 36.99 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

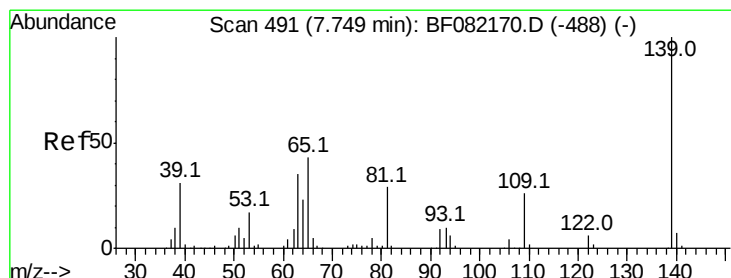
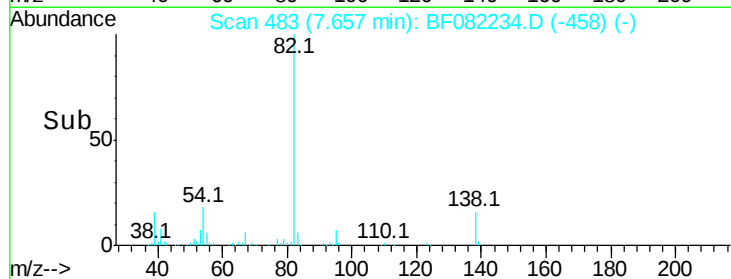
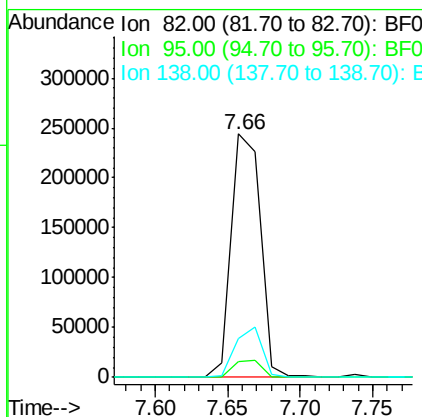
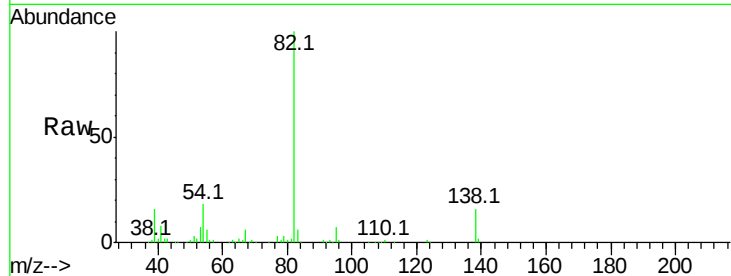
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	340201
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	15.7	13.6	20.4

Manual Integrations
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MMdadoda
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#26

2-Nitrophenol

Concen: 39.95 ng

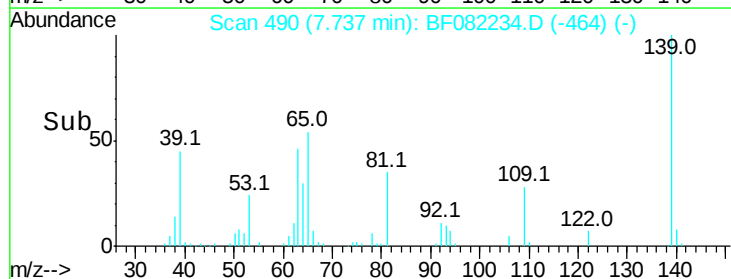
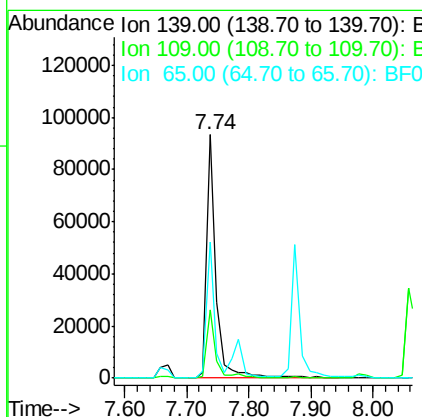
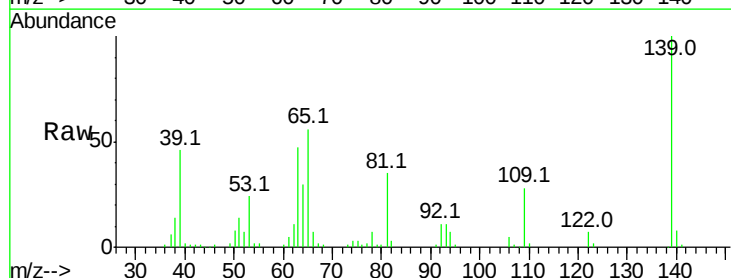
RT: 7.74 min Scan# 490

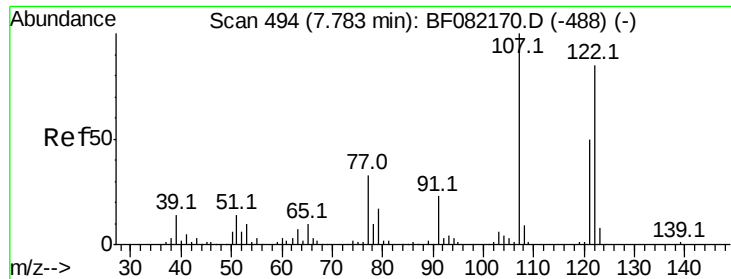
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	139	Resp:	98408
Ion Ratio	Lower	Upper	
139	100		
109	28.1	20.6	31.0
65	55.9	34.3	51.5#





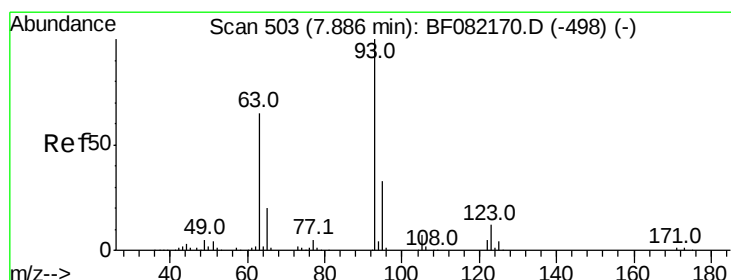
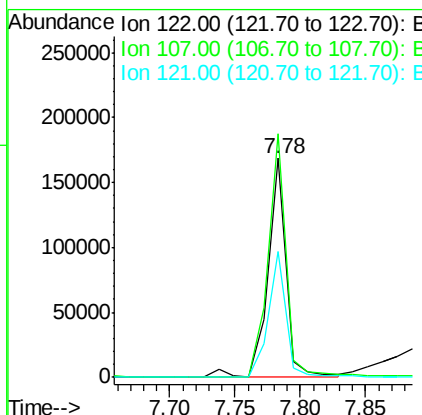
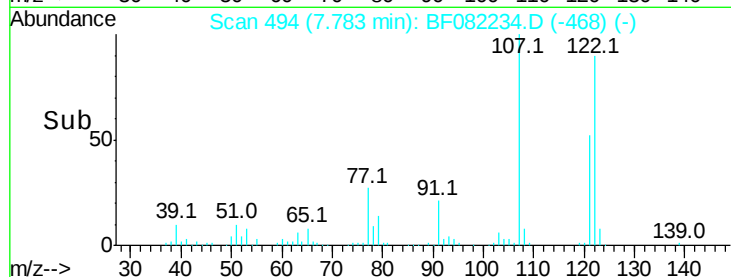
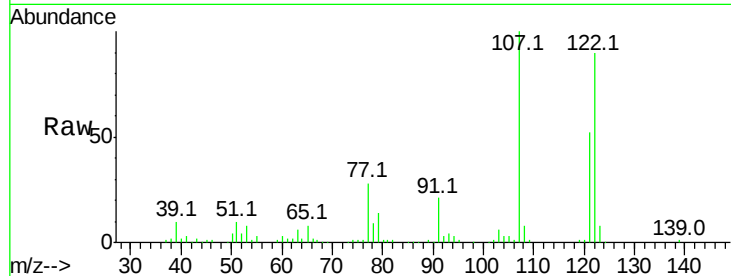
#27
2,4-Dimethylphenol
Concen: 42.01 ng
RT: 7.78 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166732		
107	111.2	94.0	141.0	
121	57.4	46.8	70.2	

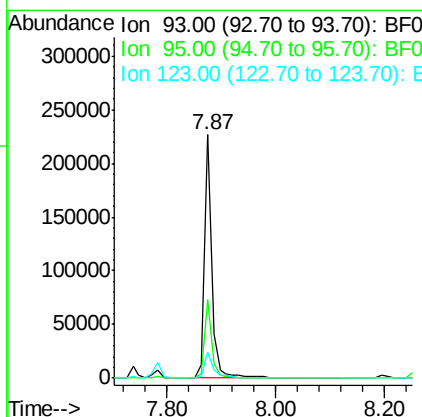
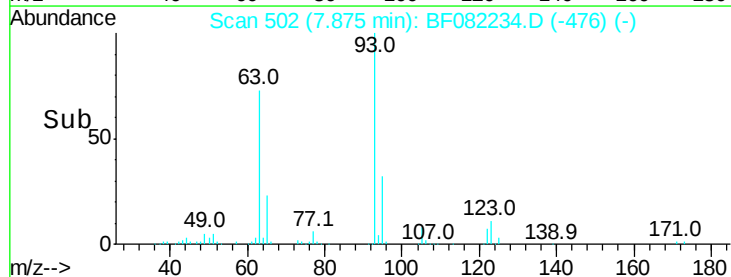
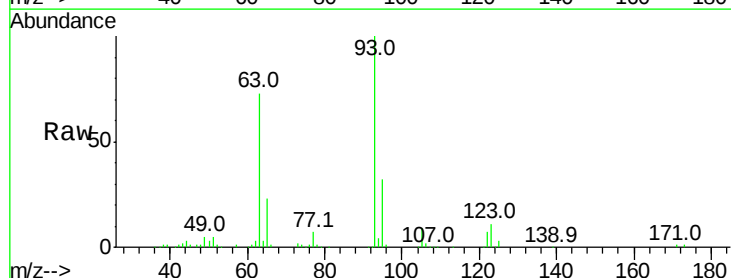
Manual Integrations
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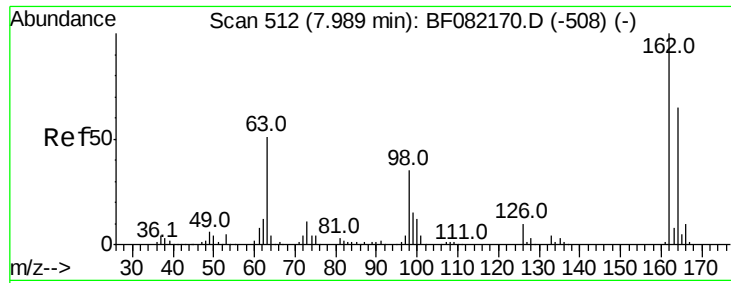
MMdadoda
10/13/2015 1:27:49 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.56 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	211698		
95	32.4	26.6	39.8	
123	10.6	9.5	14.3	





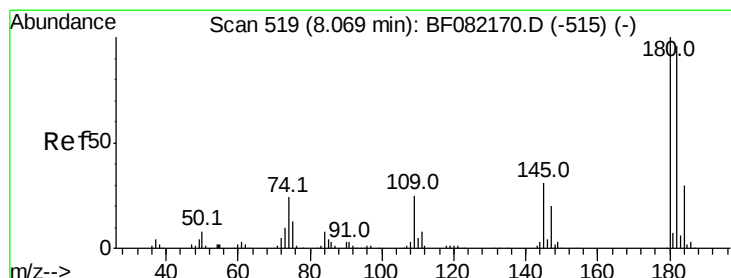
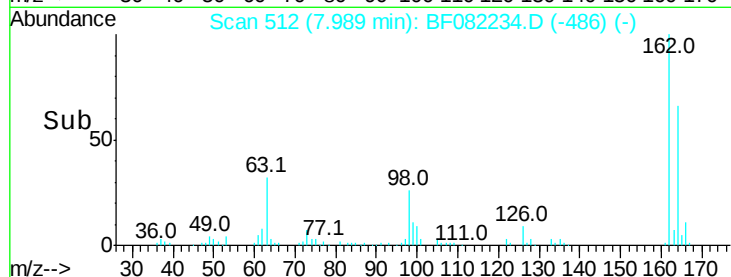
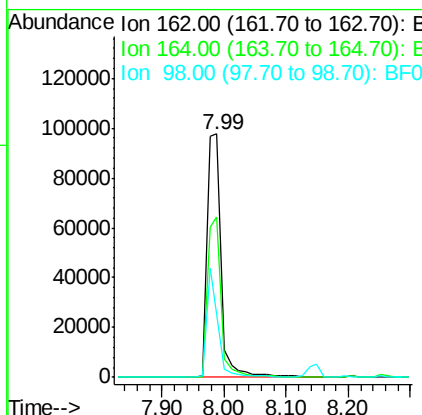
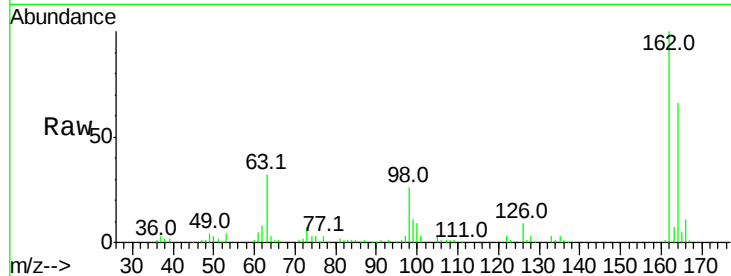
#29
 2,4-Dichlorophenol
 Concen: 38.59 ng
 RT: 7.99 min Scan# 512
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.9	44.6	84.6
98	25.8	15.0	55.0

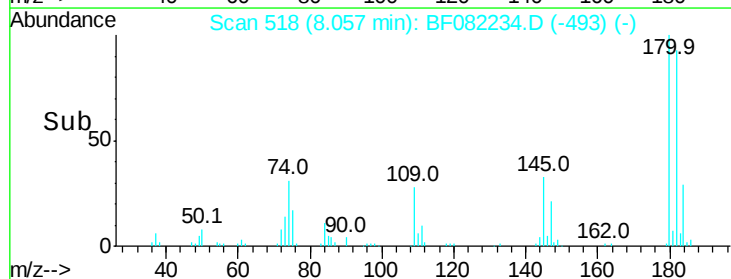
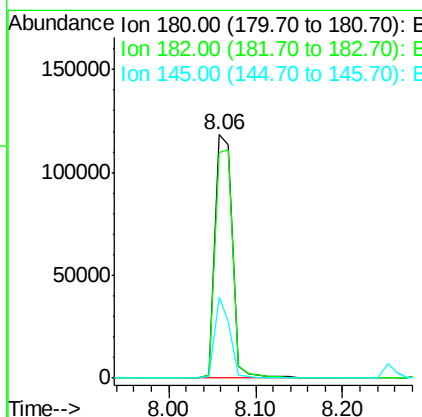
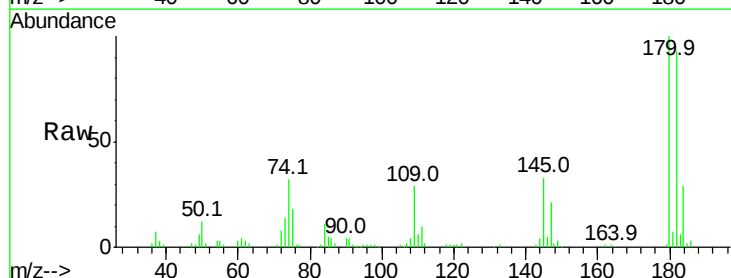
Manual Integrations
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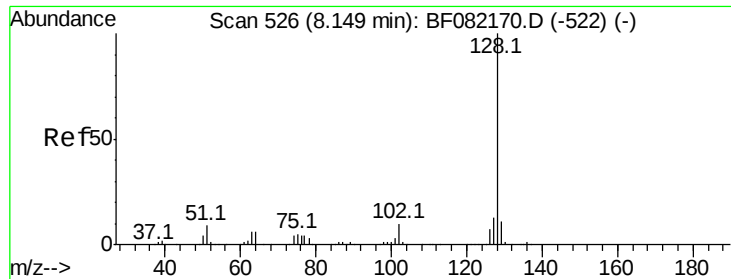
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.85 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	92.5	77.0	115.4
145	33.1	25.0	37.4





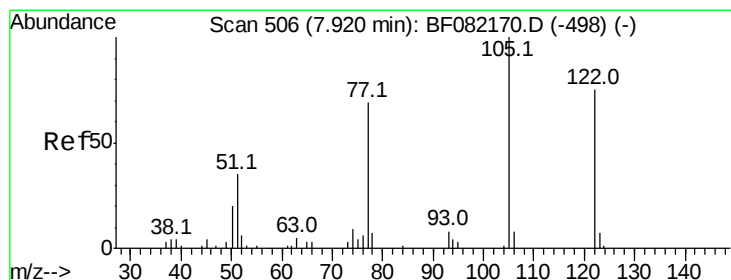
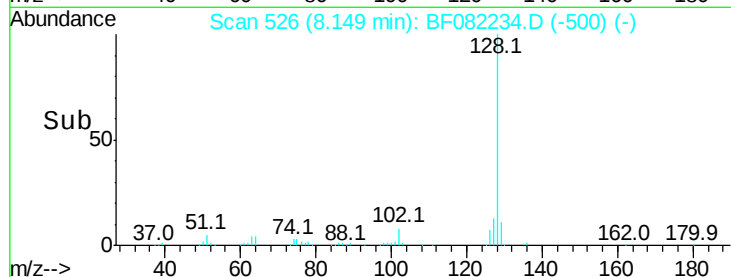
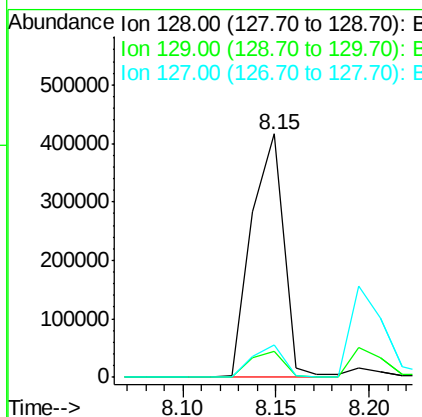
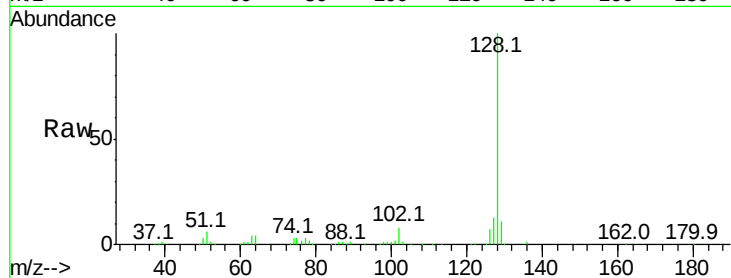
#31
Naphthalene
Concen: 37.74 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.2	10.7	16.1

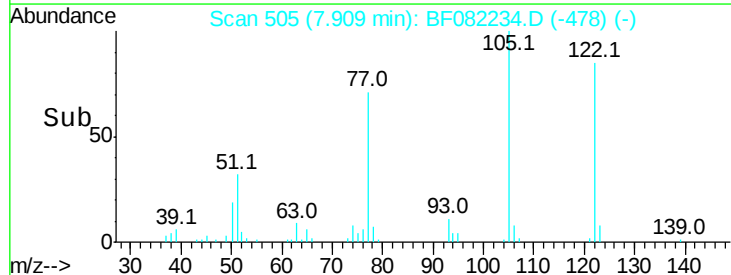
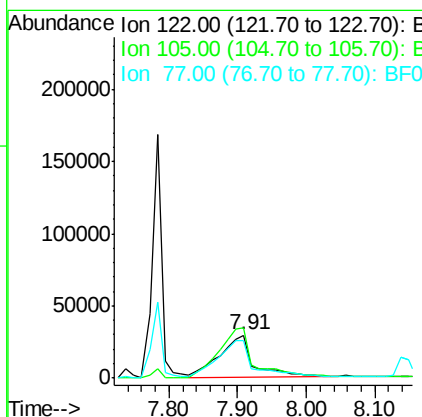
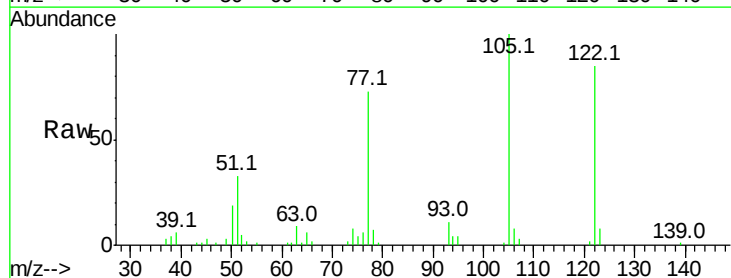
Manual Integrations
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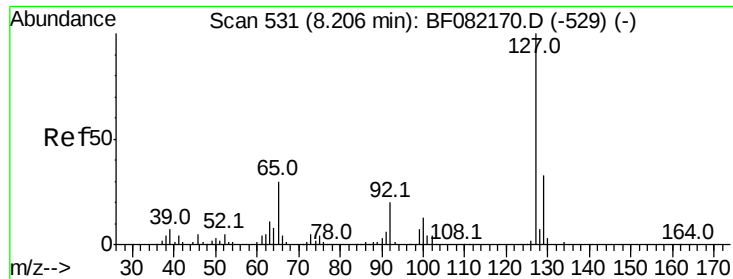
MMdadoda
10/13/2015 1:27:49 PM



#32
Benzoic acid
Concen: 37.97 ng
RT: 7.91 min Scan# 505
Delta R.T. 0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	104.4	144.4
77	86.3	69.0	109.0





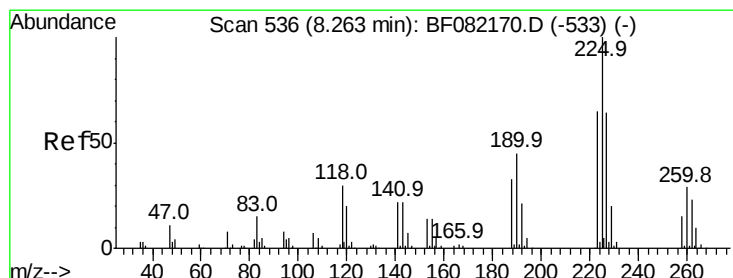
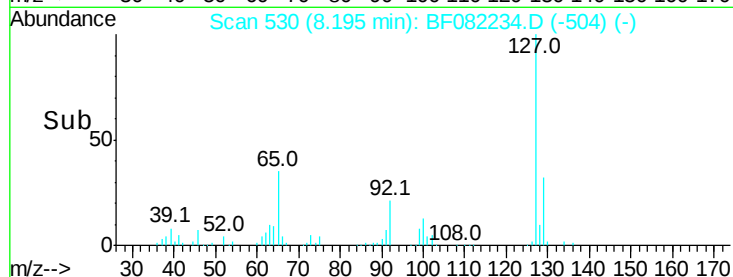
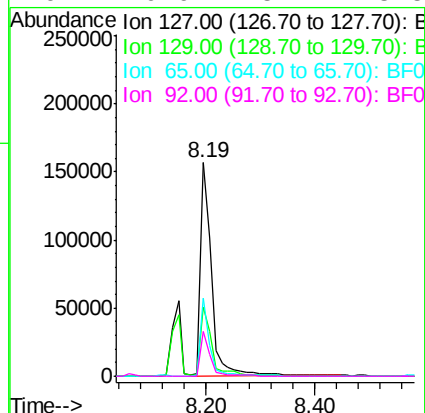
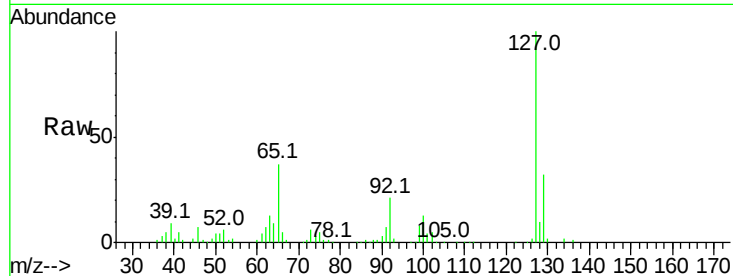
#33
4-Chloroaniline
Concen: 39.34 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	36.7	24.4	36.6	
92	20.9	15.7	23.5	

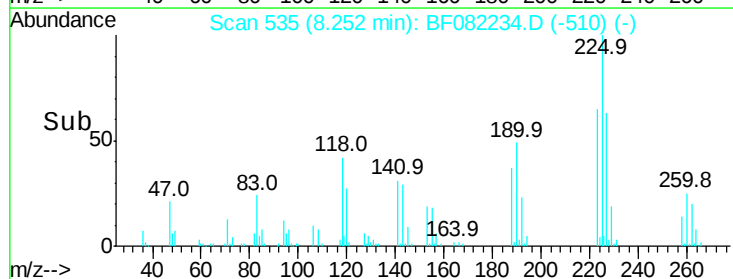
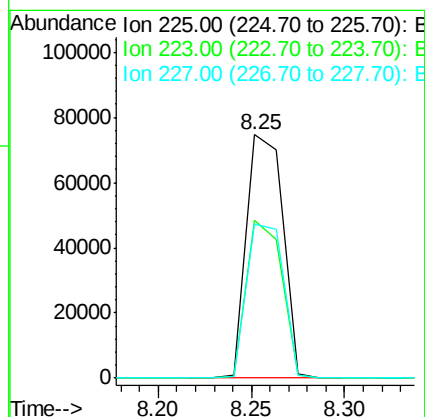
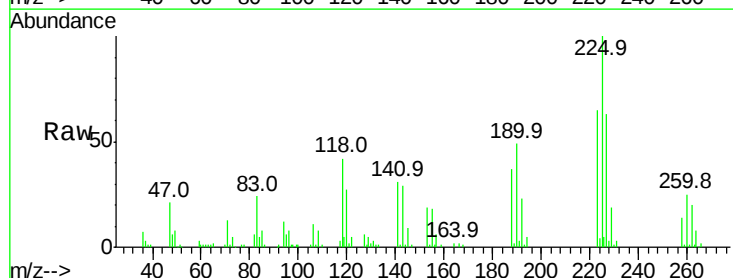
Manual Integrations
APPROVED

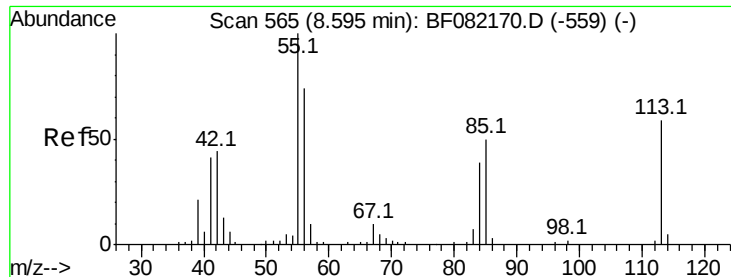
MMdadoda
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#34
Hexachlorobutadiene
Concen: 35.38 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	52.2	78.2	
227	63.2	51.3	76.9	





#35

Caprolactam

Concen: 43.58 ng

RT: 8.58 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

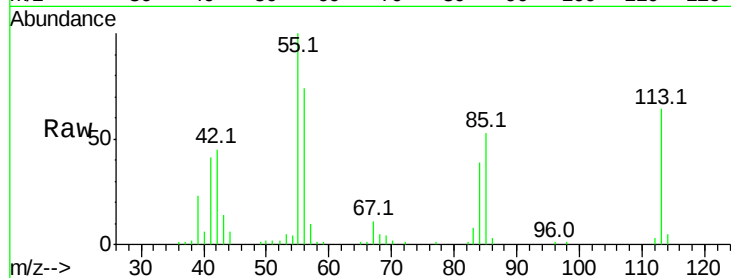
ClientSampleId :

SSTDCCC040EC

Tot Ion:	113	Resp:	50172
Ion Ratio	Lower	Upper	
113	100		
55	156.4	149.7	189.7
56	115.8	105.4	145.4

Manual Integrations
APPROVED

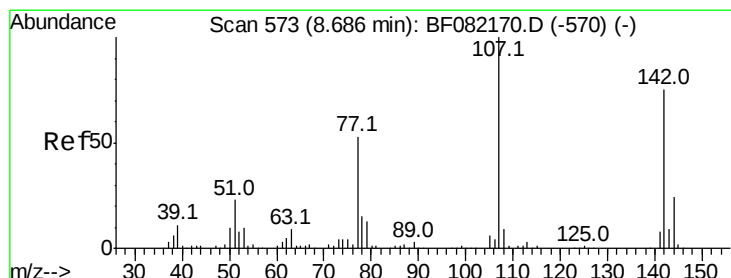
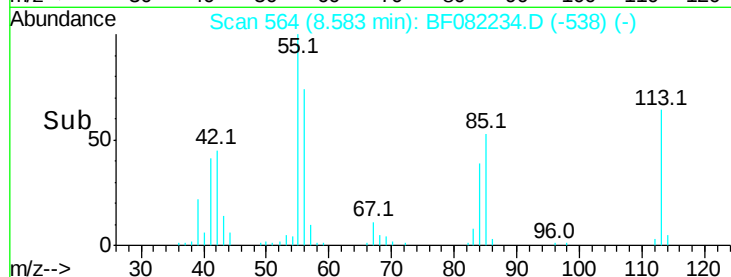
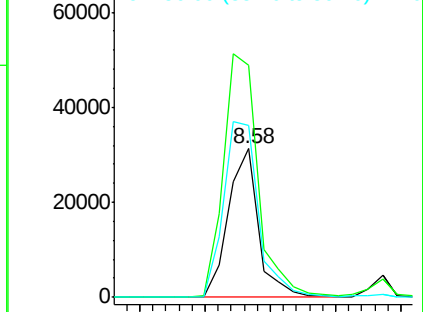
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.14 ng

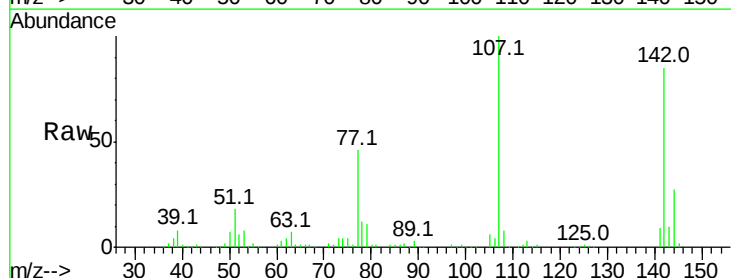
RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

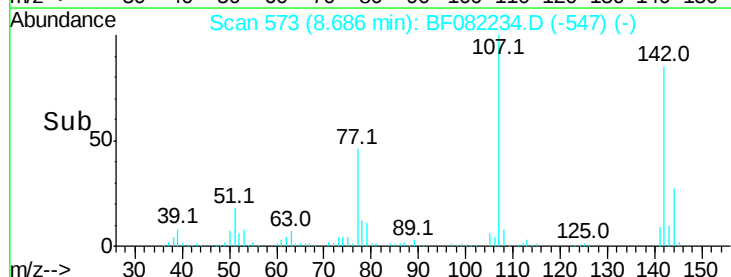
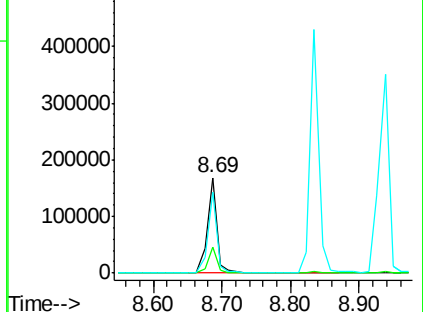
Tgt Ion:	107	Resp:	167344
Ion Ratio	Lower	Upper	
107	100		
144	27.3	19.3	28.9
142	85.4	59.9	89.9

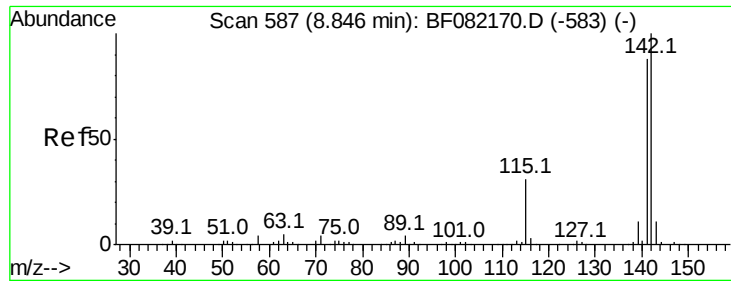


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





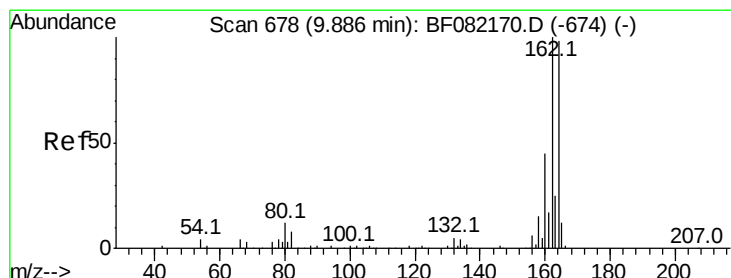
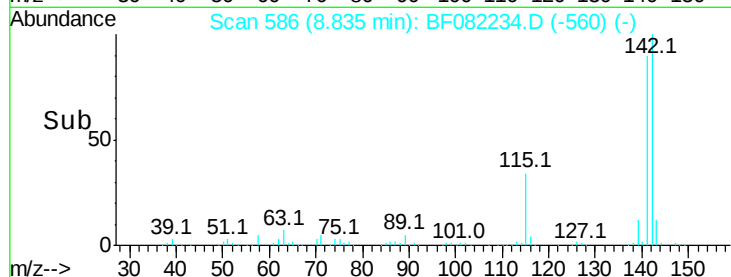
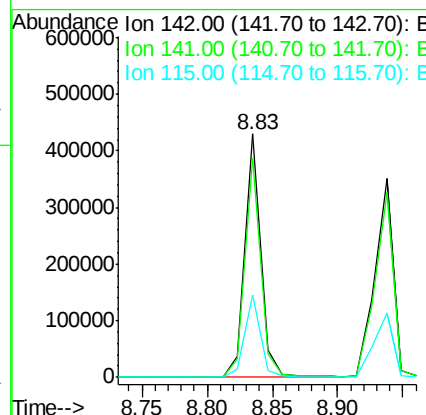
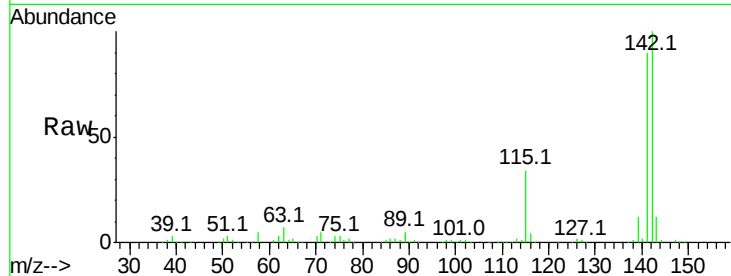
#37
2-Methylnaphthalene
Concen: 39.38 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
142	100	362211		
141	90.0	70.4	105.6	
115	33.8	24.6	37.0	

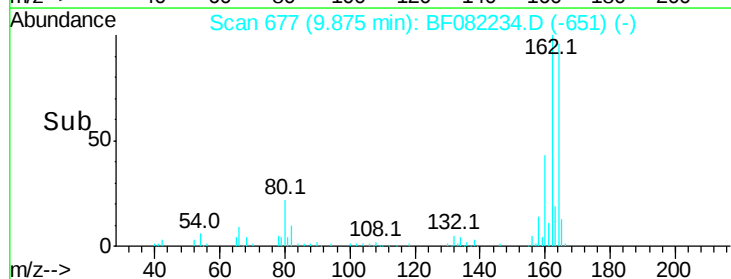
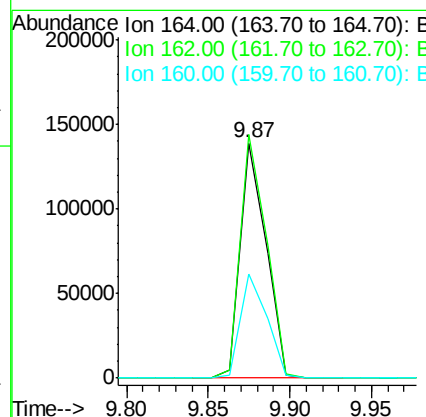
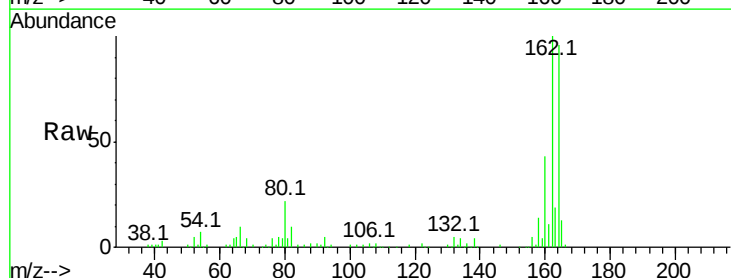
Manual Integrations
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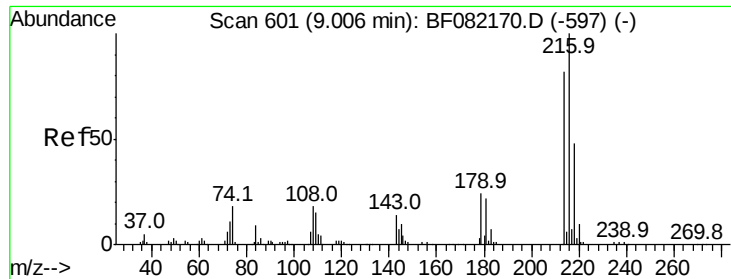
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	150412		
162	103.6	81.6	122.4	
160	44.2	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.58 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

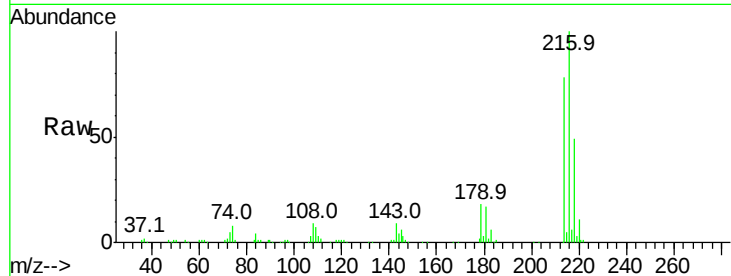
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	172610		
214	79.4	64.6	97.0	
179	20.3	17.6	26.4	
108	15.9	14.5	21.7	

Manual Integrations
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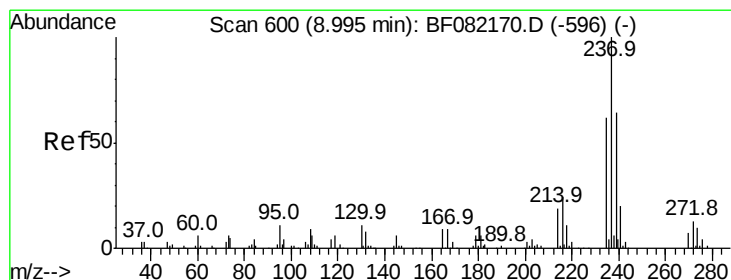
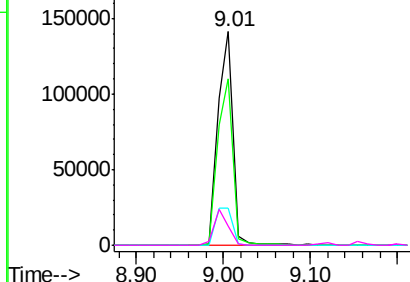
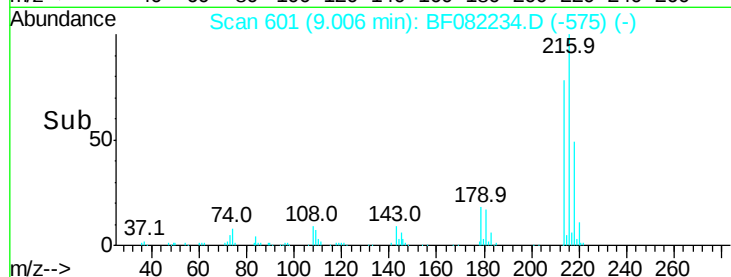


Abundance Ion 216.00 (215.70 to 216.70): E

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: 33.27 ng

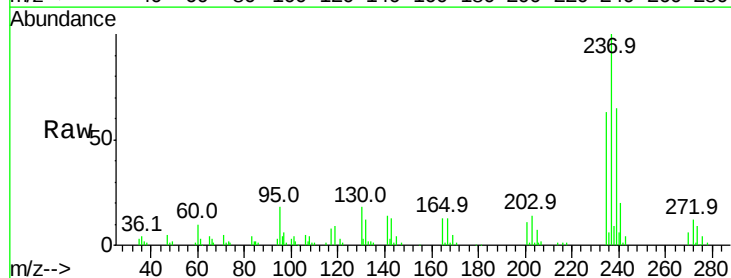
RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

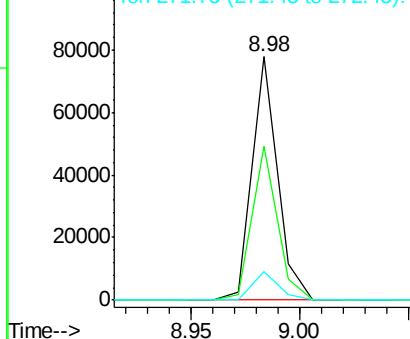
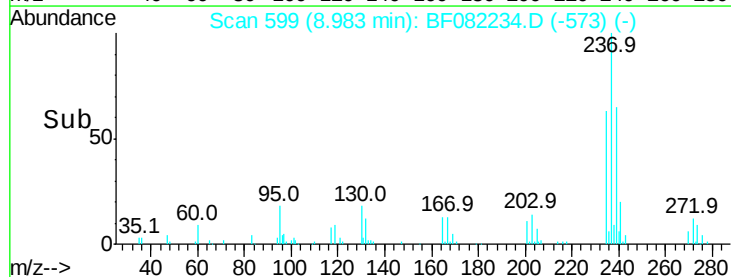
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	63070		
235	63.0	41.7	81.7	
272	11.9	0.0	32.8	

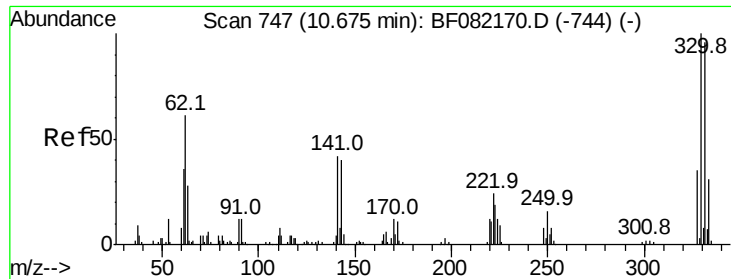


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





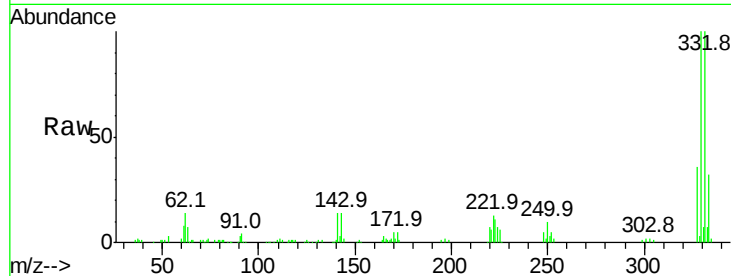
#41
 2,4,6-Tribromophenol
 Concen: 83.13 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

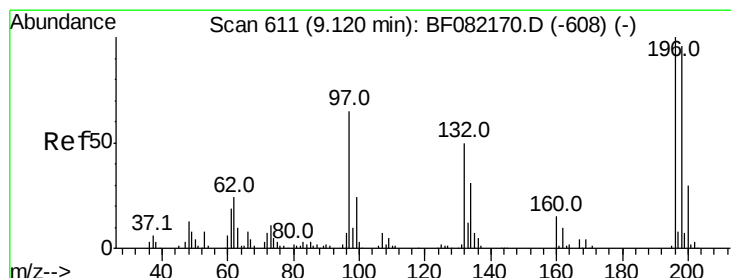
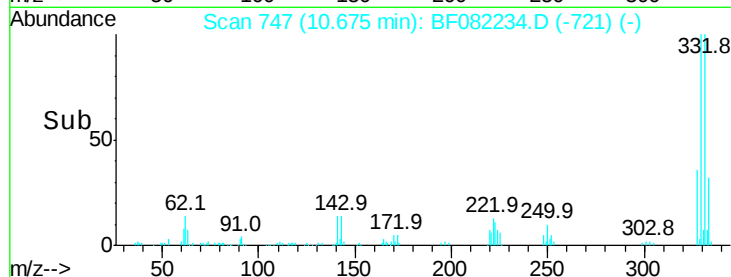
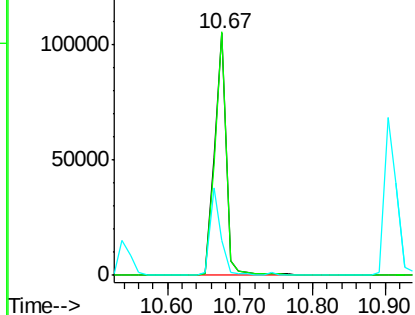
Tot Ion	Ratio	Resp	Lower	Upper
330	100	117259		
332	97.8	77.1	115.7	
141	33.6	29.8	44.8	

Manual Integrations
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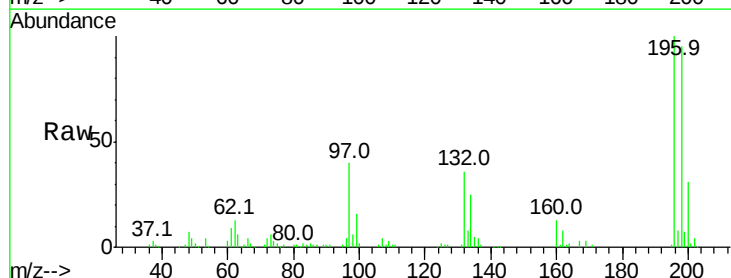


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

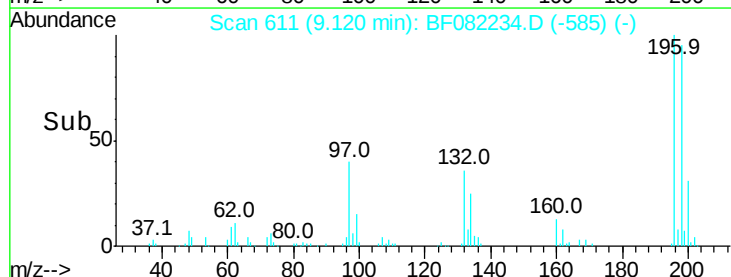
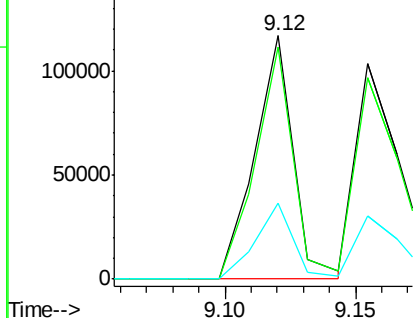


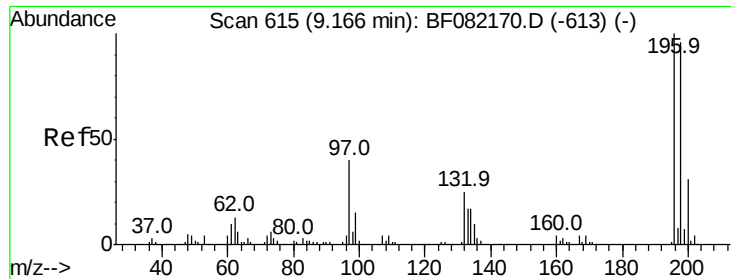
#42
 2,4,6-Trichlorophenol
 Concen: 40.53 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	120438		
198	95.4	76.6	115.0	
200	31.0	23.7	35.5	



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





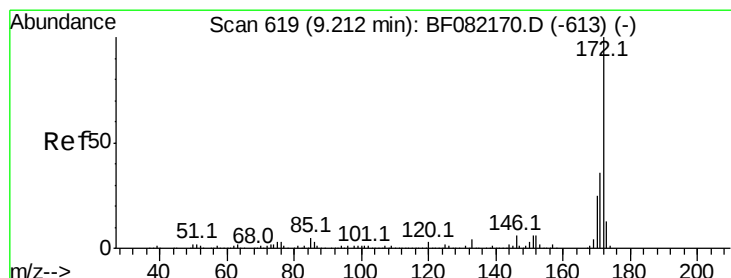
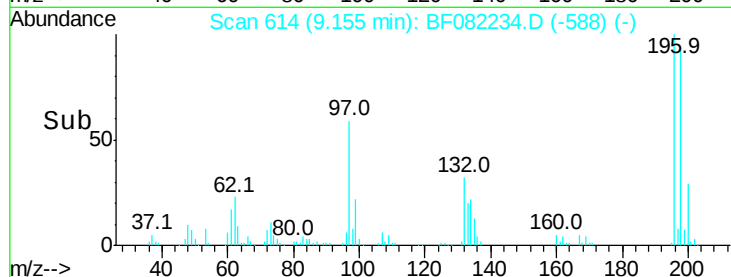
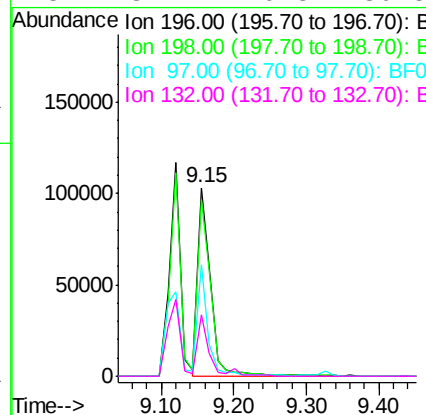
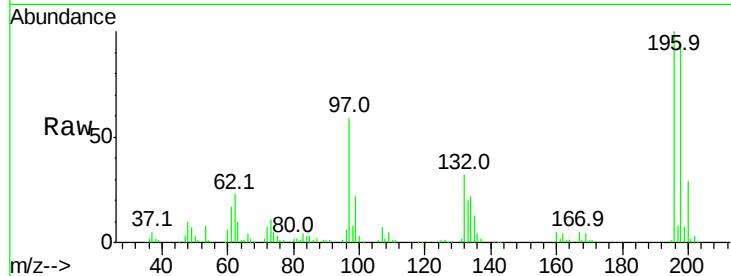
#43
 2,4,5-Trichlorophenol
 Concen: 39.35 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126676		
198	93.9	77.0	115.4	
97	58.7	31.9	47.9	
132	32.4	20.3	30.5	

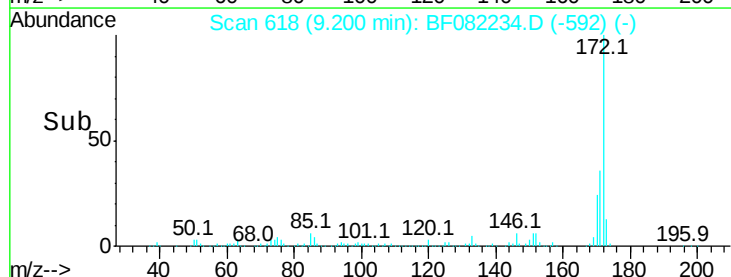
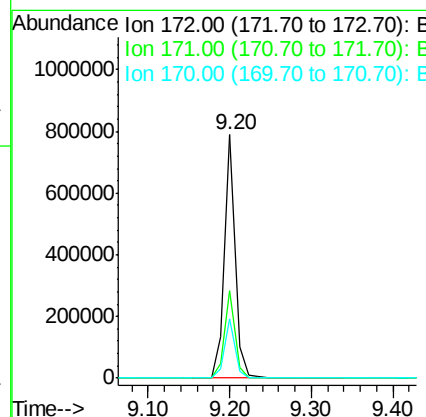
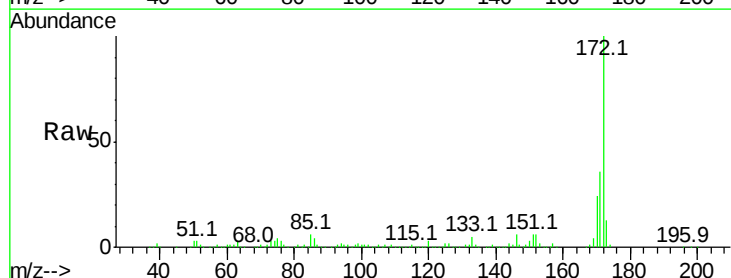
Manual Integrations
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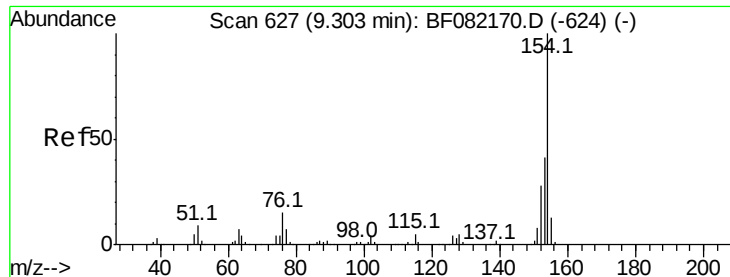
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 79.54 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	721411		
171	36.1	28.6	42.8	
170	24.5	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 41.01 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

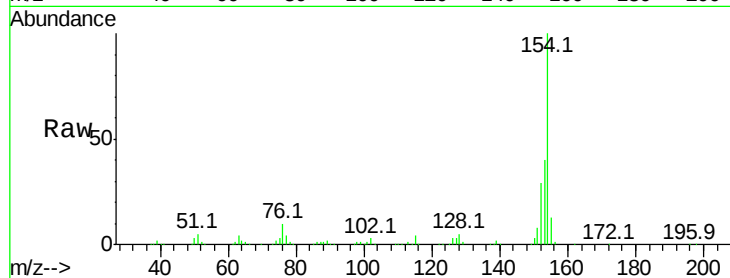
ClientSampleId :

SSTDCCC040EC

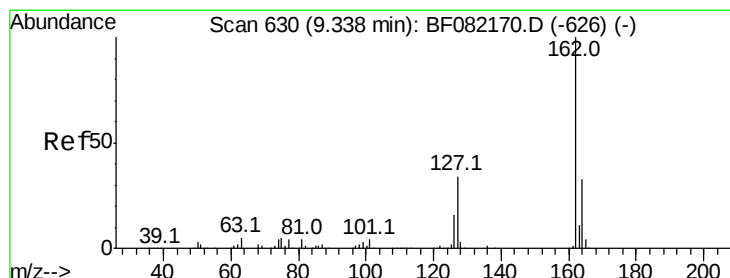
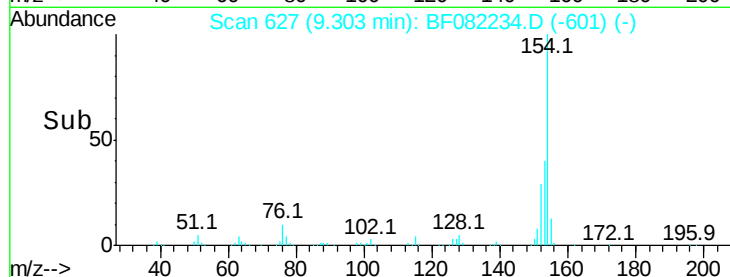
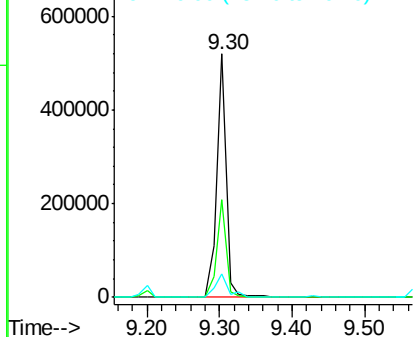
Tot Ion:	154	Resp:	470389
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.6	60.6
76	9.8	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 39.98 ng

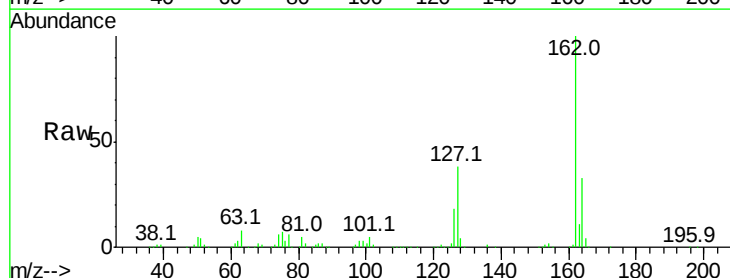
RT: 9.33 min Scan# 629

Delta R.T. -0.00 min

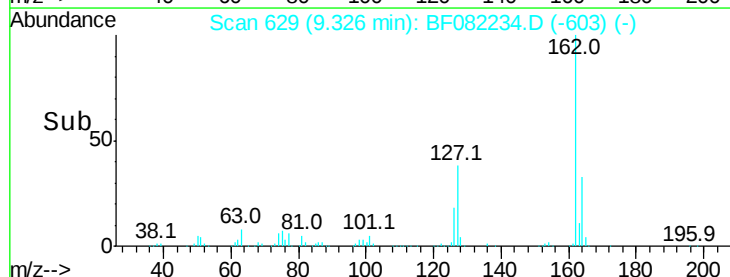
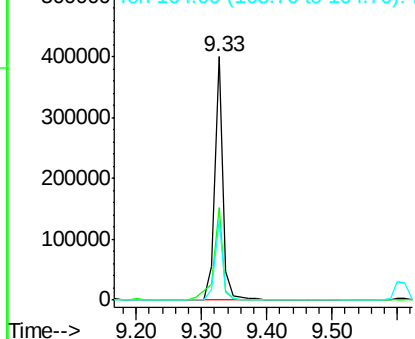
Lab File: BF082234.D

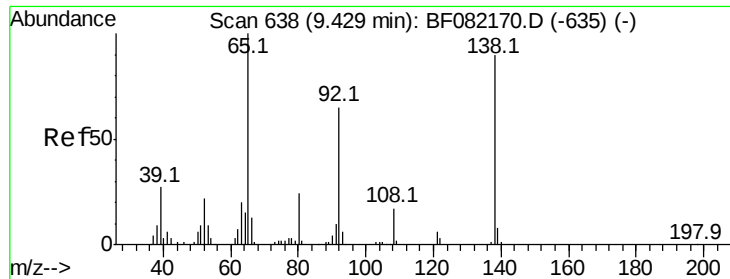
Acq: 12 Oct 2015 22:16

Tgt Ion:	162	Resp:	361012
Ion Ratio	Lower	Upper	
162	100		
127	38.3	27.5	41.3
164	33.0	26.6	39.8



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





#47

2-Nitroaniline

Concen: 44.62 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

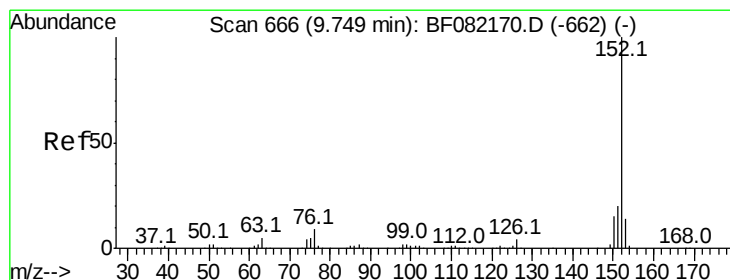
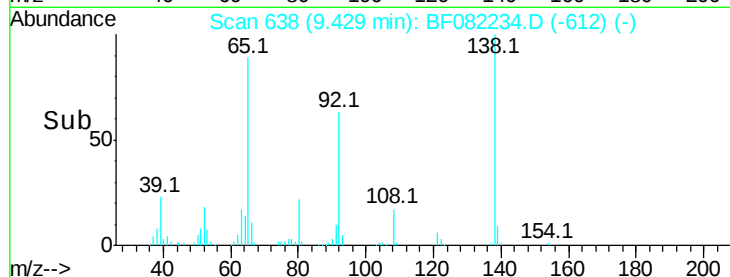
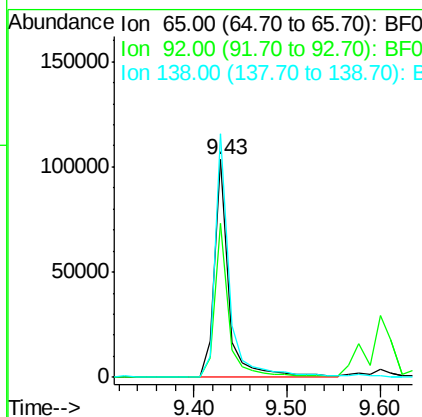
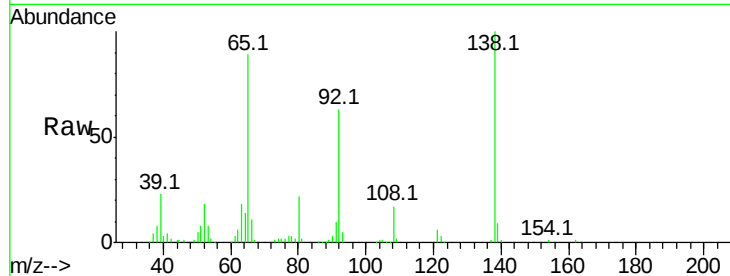
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
65	100		
92	70.6	52.3	78.5
138	111.8	72.2	108.4



#48

Acenaphthylene

Concen: 38.97 ng

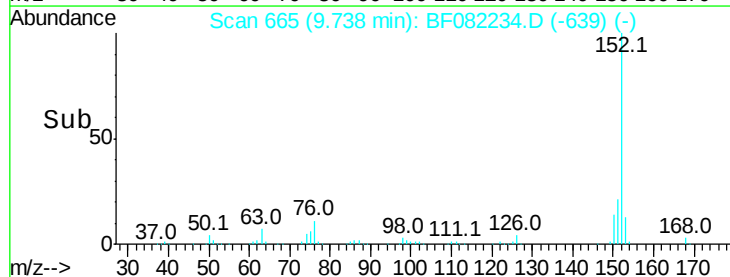
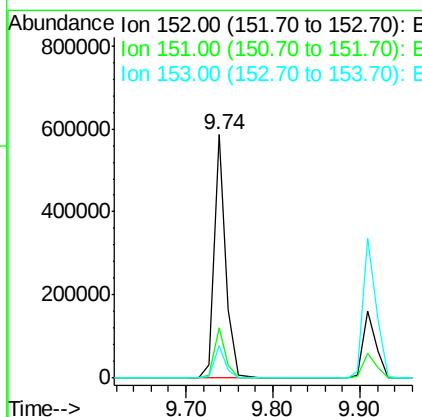
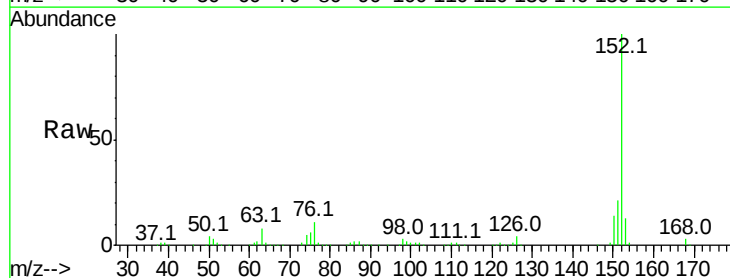
RT: 9.74 min Scan# 665

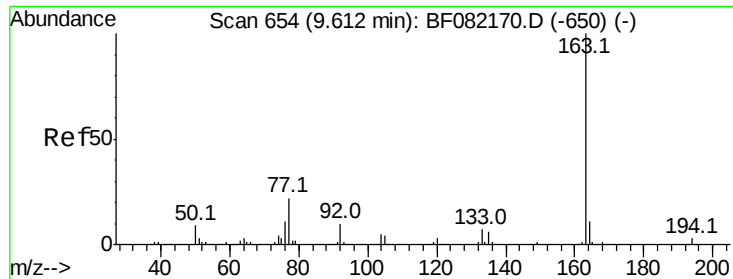
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	13.4	10.8	16.2





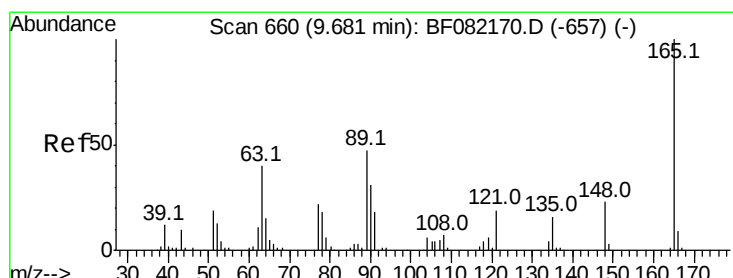
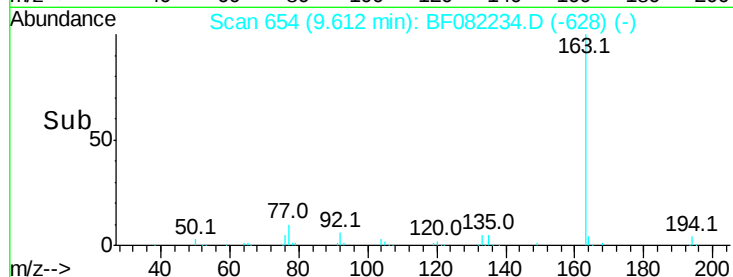
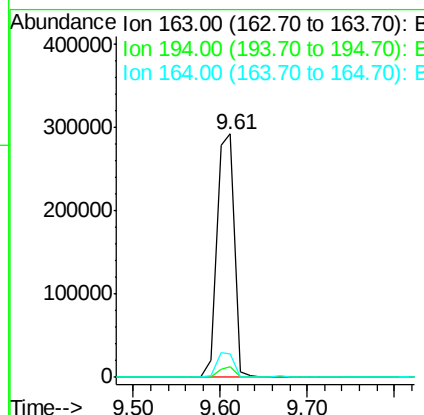
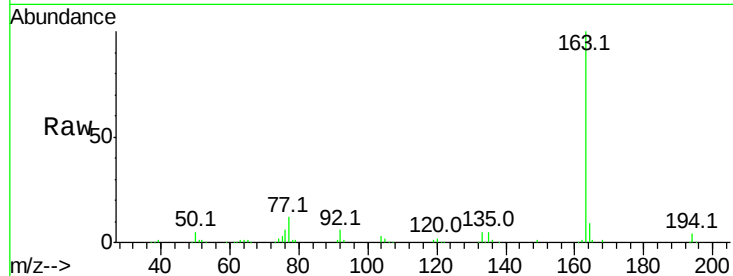
#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.61 min Scan# 654
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.6	4.0#	
164	9.5	8.5	12.7	

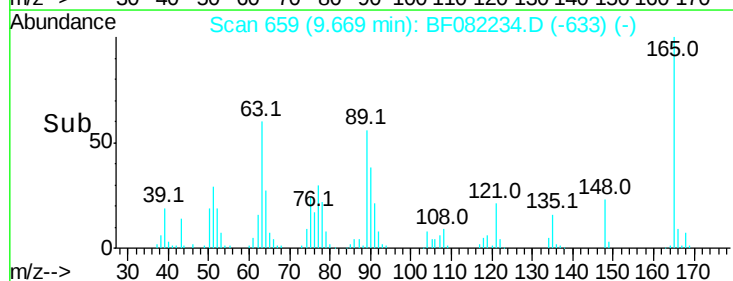
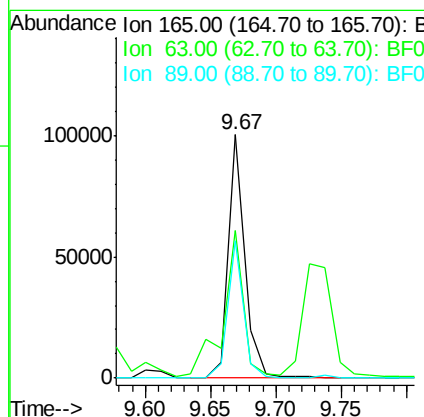
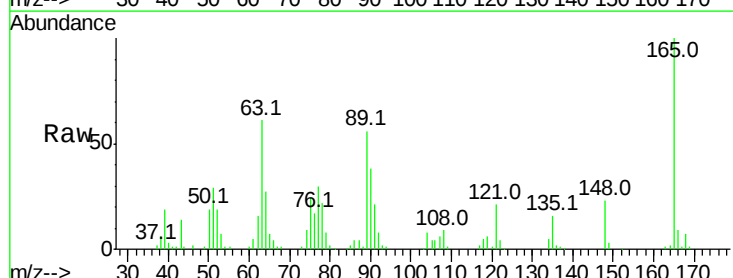
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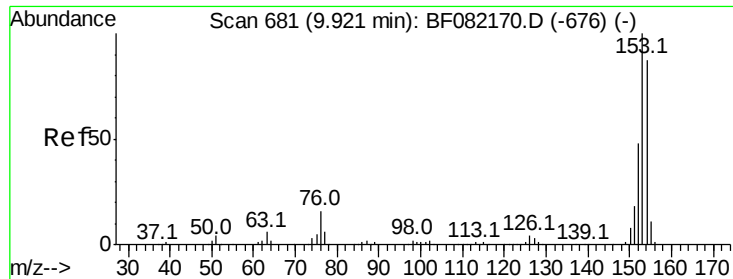
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 40.08 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.5	36.7	55.1#	
89	56.4	37.8	56.6	





#51

Acenaphthene

Concen: 39.50 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

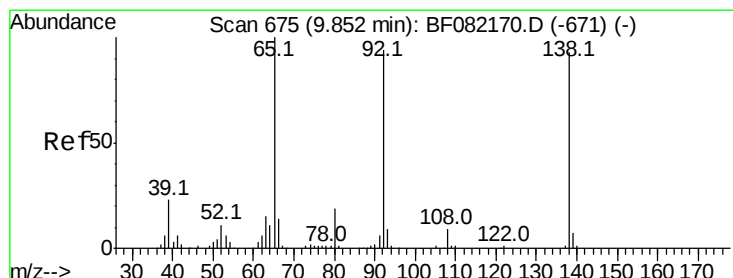
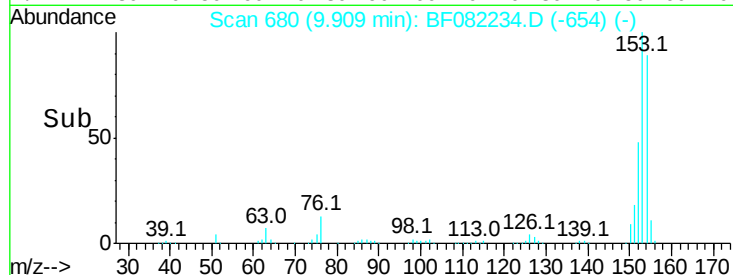
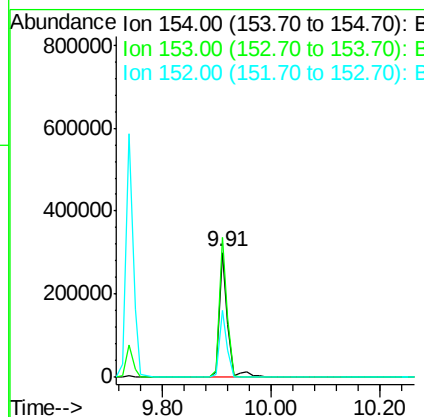
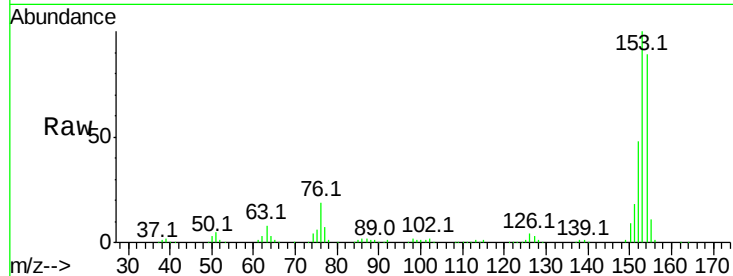
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	333546
Ion Ratio	Lower	Upper	
154	100		
153	112.2	91.4	137.2
152	53.9	44.3	66.5

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#52

3-Nitroaniline

Concen: 40.25 ng

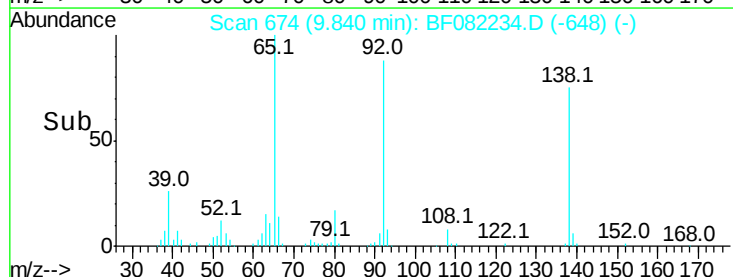
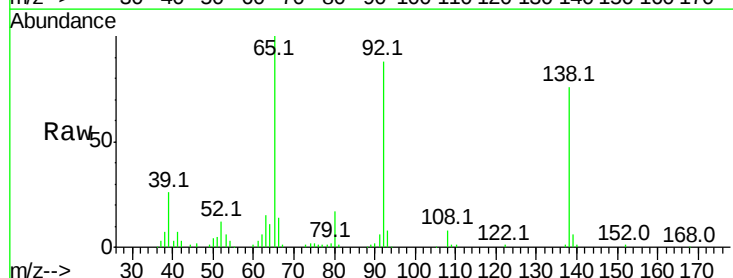
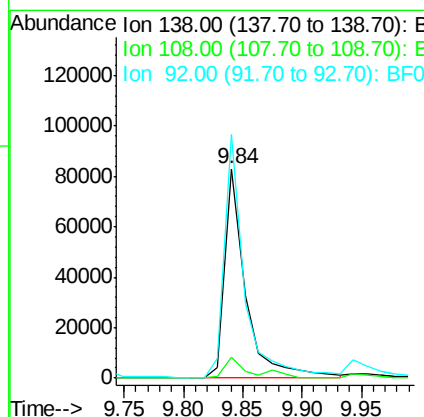
RT: 9.84 min Scan# 674

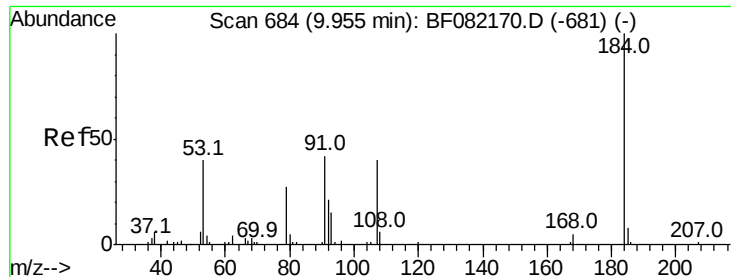
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	138	Resp:	101601
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.4	11.0
92	116.2	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 36.34 ng

RT: 9.95 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

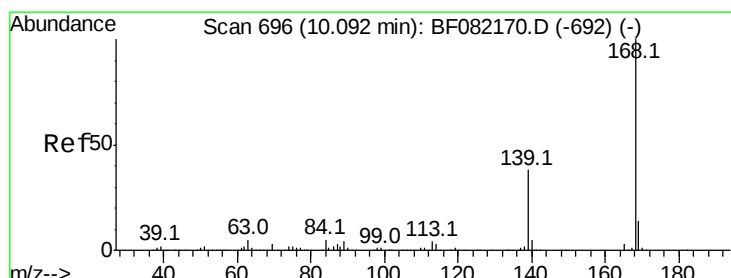
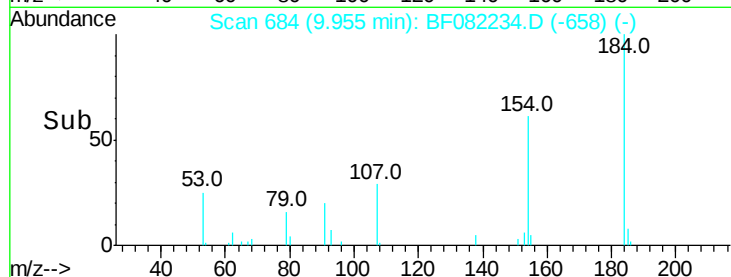
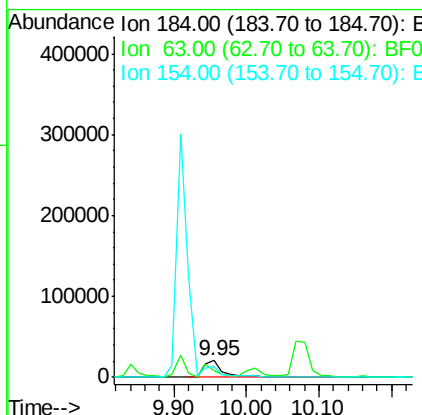
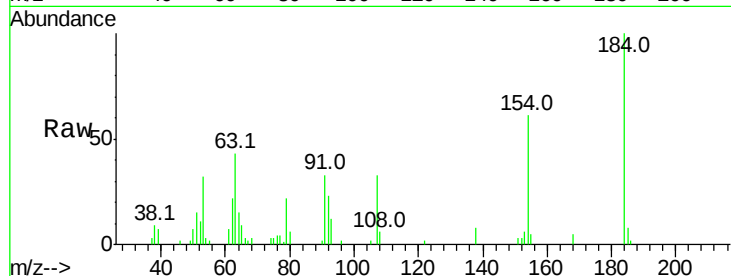
ClientSampleId :

SSTDCCC040EC

Tot Ion:	184	Resp:	40639
Ion Ratio	Lower	Upper	
184	100		
63	43.0	45.1	67.7#
154	61.3	51.2	76.8

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#54

Dibenzofuran

Concen: 38.69 ng

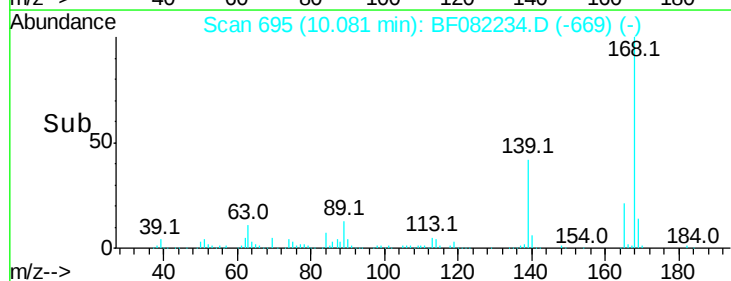
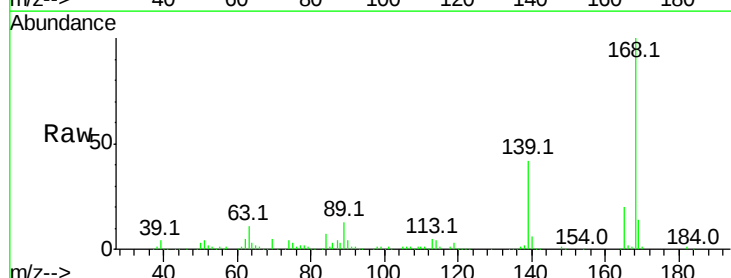
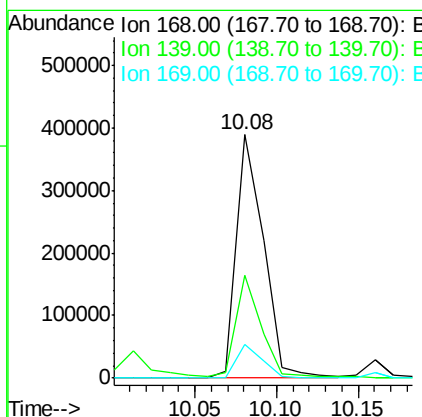
RT: 10.08 min Scan# 695

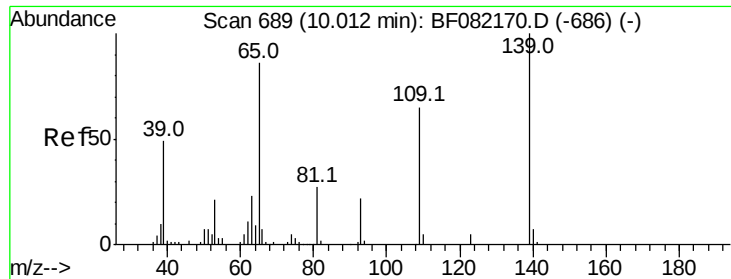
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	168	Resp:	448515
Ion Ratio	Lower	Upper	
168	100		
139	42.3	31.0	46.6
169	13.7	10.9	16.3





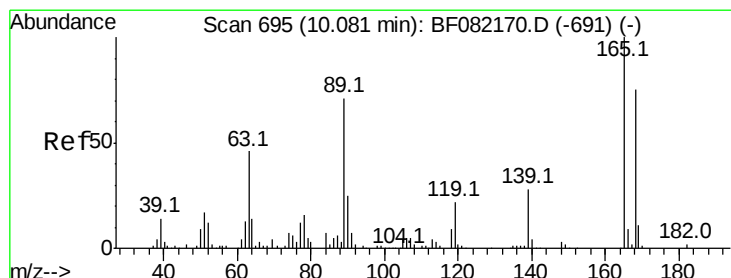
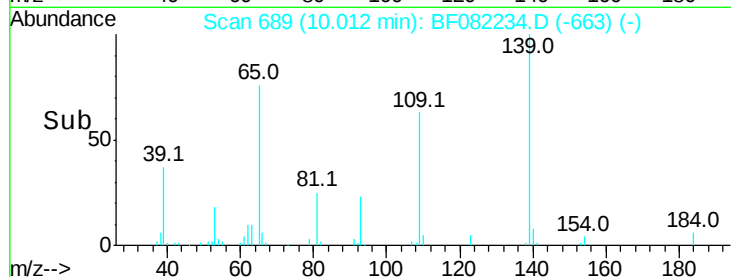
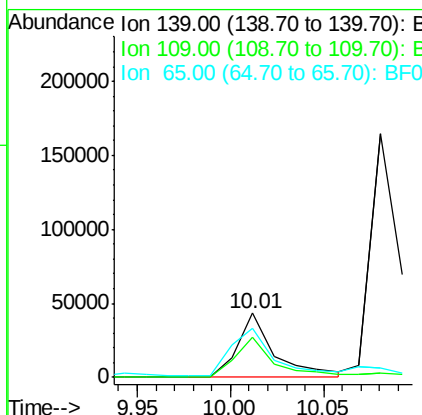
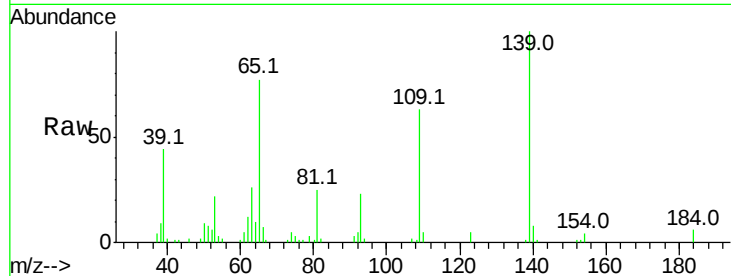
#55
4-Nitrophenol
Concen: 42.12 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
139	100		
109	63.0	44.8	84.8
65	77.3	67.7	107.7

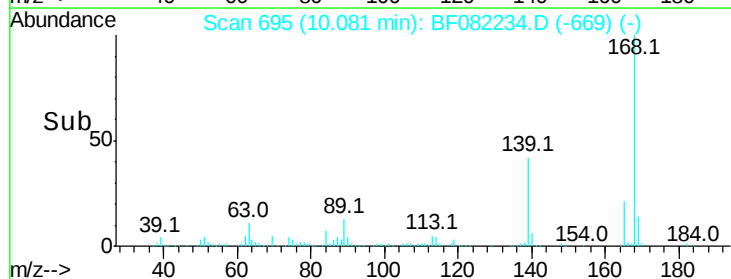
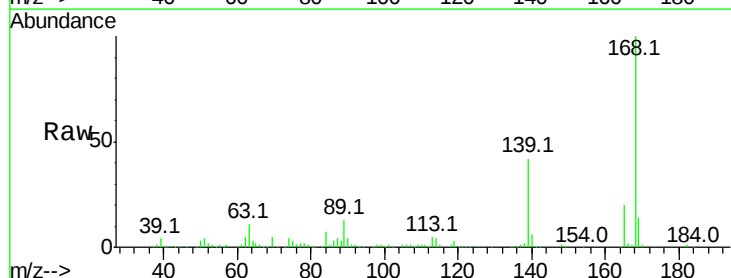
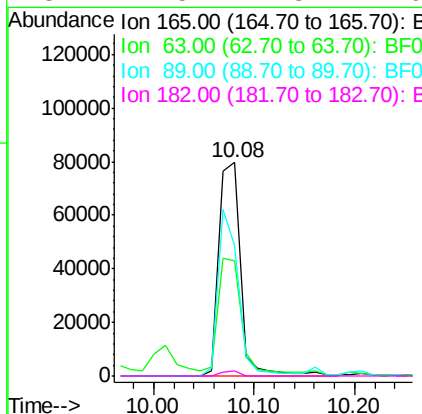
Manual Integrations
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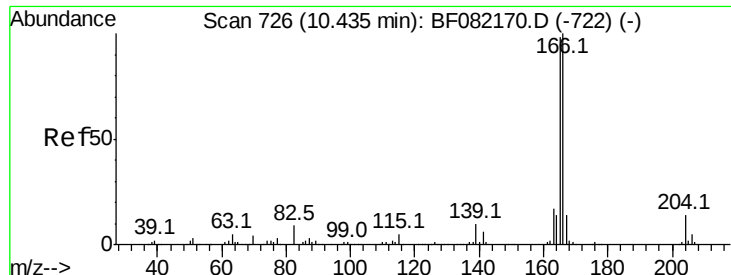
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 43.18 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.0	38.6	58.0
89	61.1	57.0	85.6
182	2.5	1.8	2.6





#57

Fluorene

Concen: 38.14 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

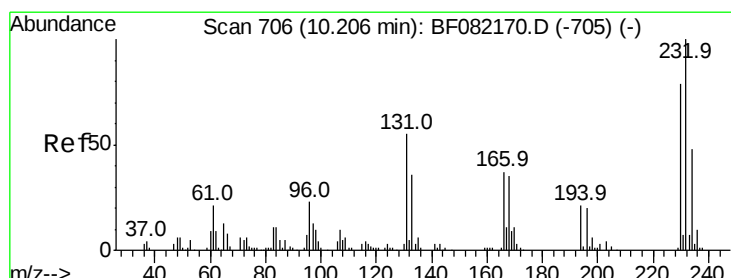
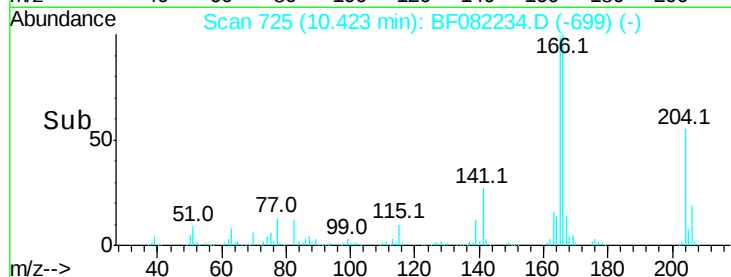
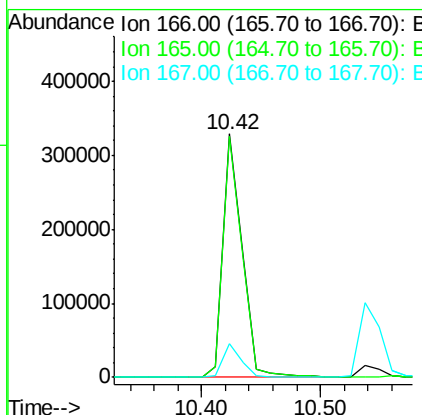
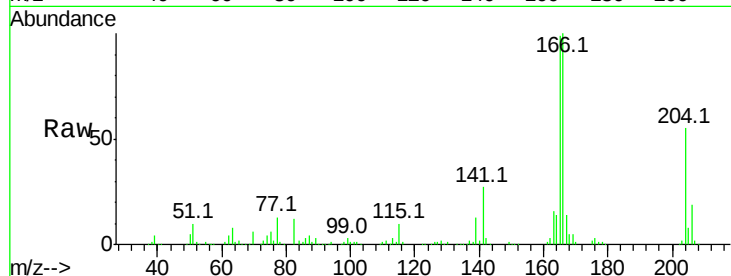
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100	363165		
165	99.2	78.3	117.5	
167	13.8	10.8	16.2	

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.12 ng

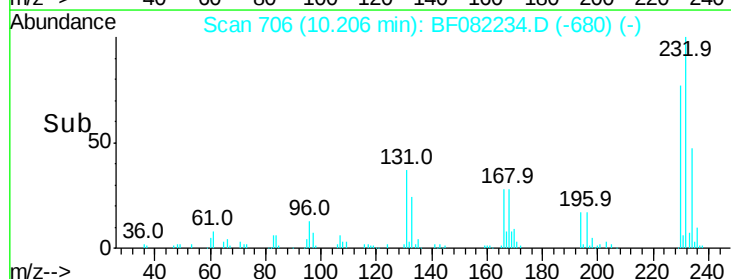
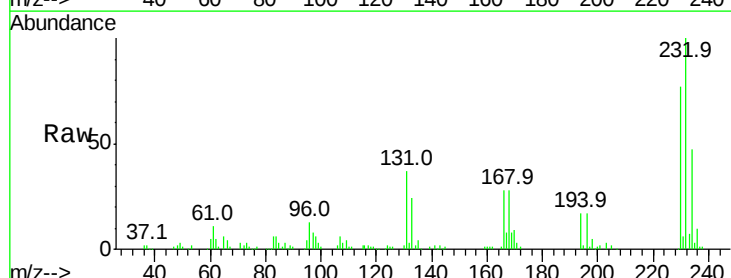
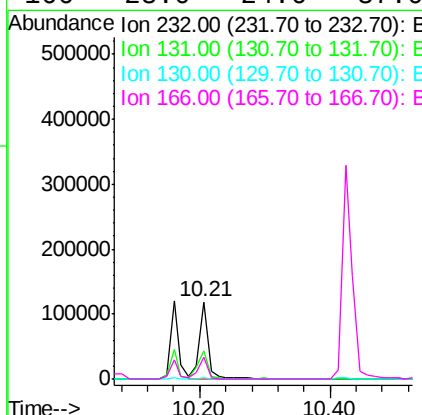
RT: 10.21 min Scan# 706

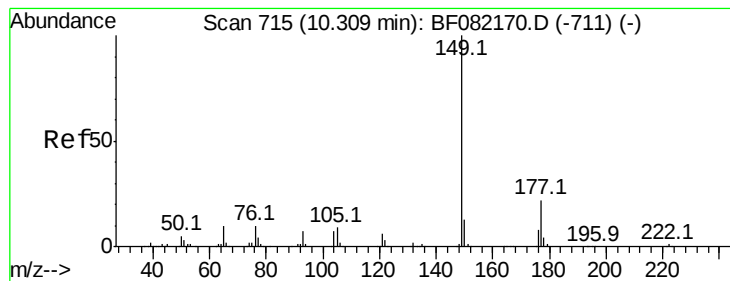
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	113407		
131	41.0	36.6	54.8	
130	1.8	1.5	2.3	
166	28.0	24.6	37.0	





#59

Diethylphthalate

Concen: 40.73 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

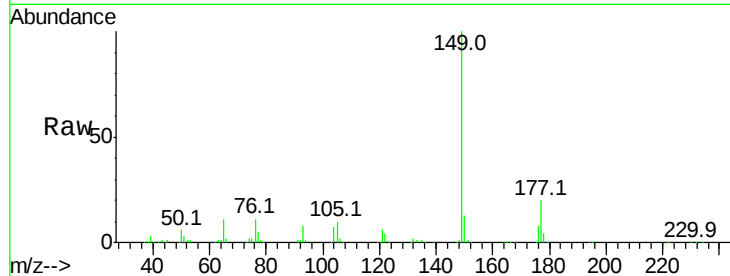
ClientSampleId :

SSTDCCC040EC

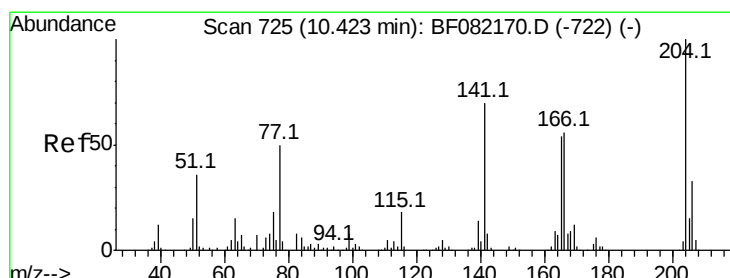
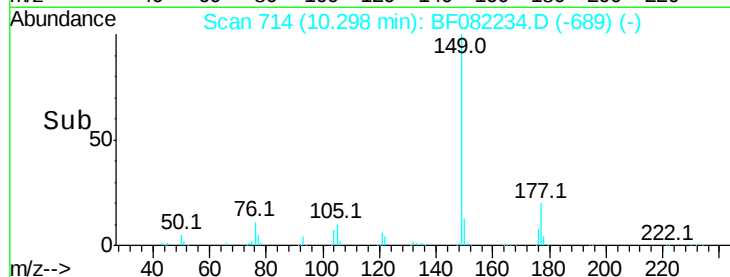
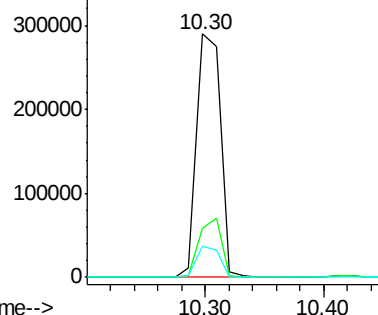
Tot Ion:	149	Resp:	402122
Ion Ratio	Lower	Upper	
149	100		
177	20.4	17.6	26.4
150	13.0	10.3	15.5

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



#60

4-Chlorophenyl-phenylether

Concen: 42.14 ng

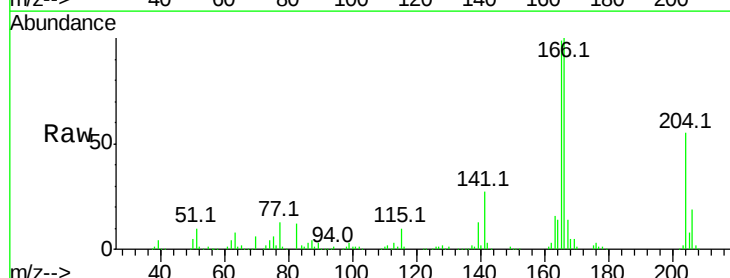
RT: 10.42 min Scan# 725

Delta R.T. -0.00 min

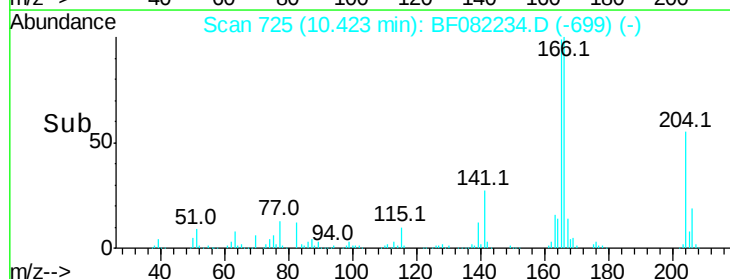
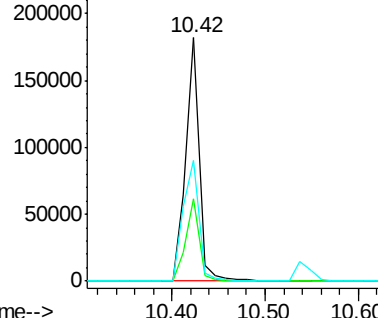
Lab File: BF082234.D

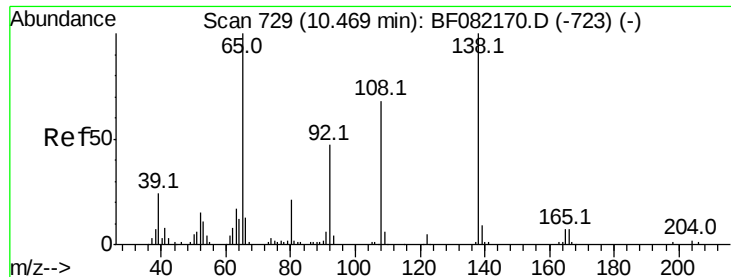
Acq: 12 Oct 2015 22:16

Tgt Ion:	204	Resp:	183776
Ion Ratio	Lower	Upper	
204	100		
206	33.9	26.8	40.2
141	49.4	56.1	84.1#



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





#61

4-Nitroaniline

Concen: 44.51 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

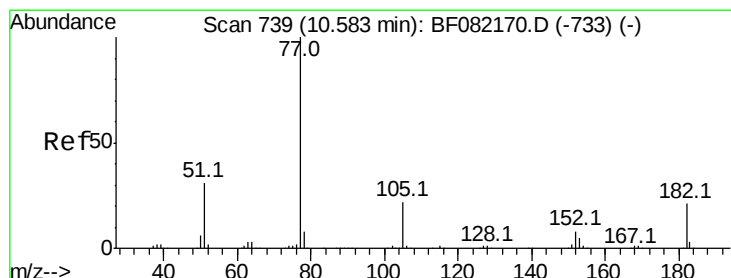
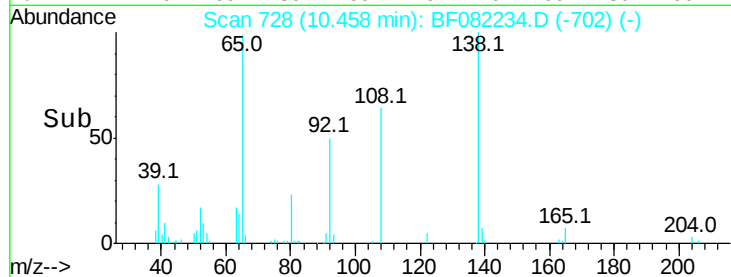
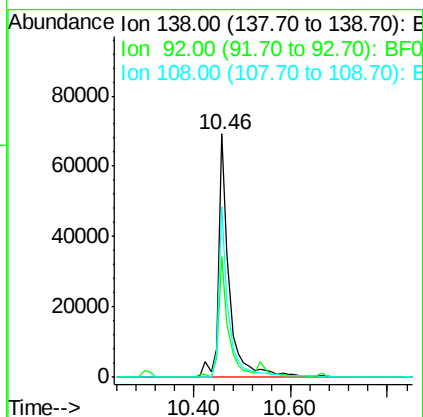
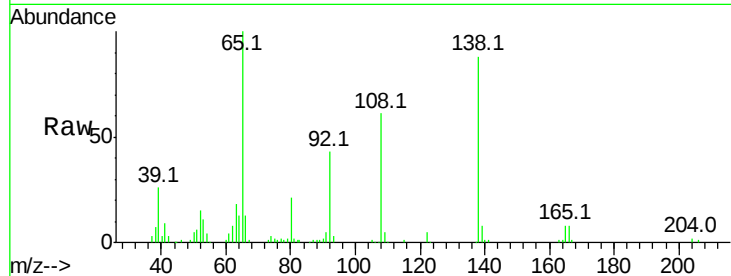
ClientSampleId :

SSTDCCC040EC

Tot Ion:	138	Resp:	108991
Ion Ratio	Lower	Upper	
138	100		
92	49.6	26.8	66.8
108	70.1	48.4	88.4

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#62

Azobenzene

Concen: 40.97 ng

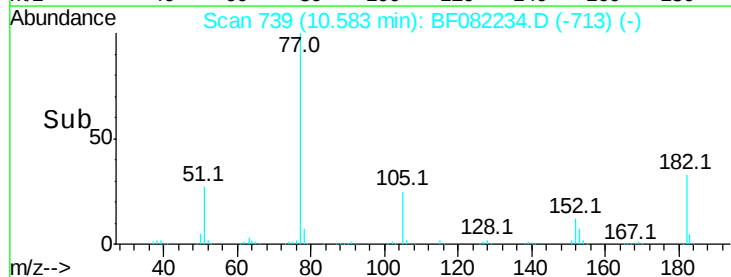
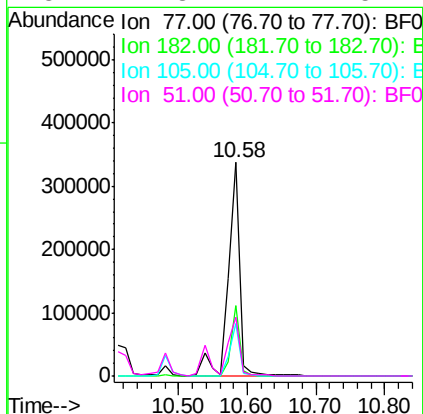
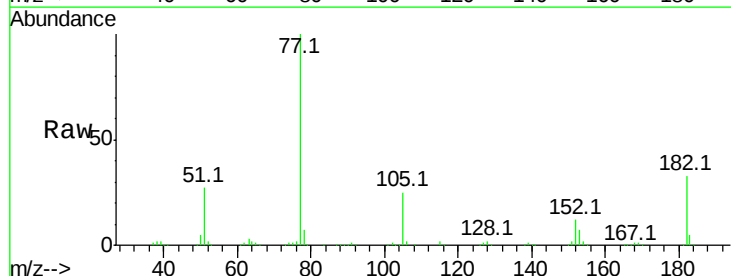
RT: 10.58 min Scan# 739

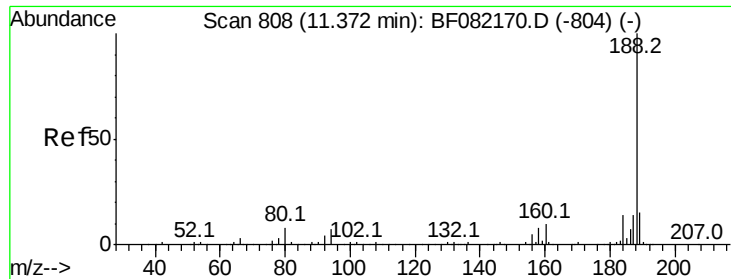
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	77	Resp:	395869
Ion Ratio	Lower	Upper	
77	100		
182	33.1	0.5	40.5
105	24.9	1.8	41.8
51	27.3	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: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:188 Resp: 309187
Ion Ratio Lower Upper

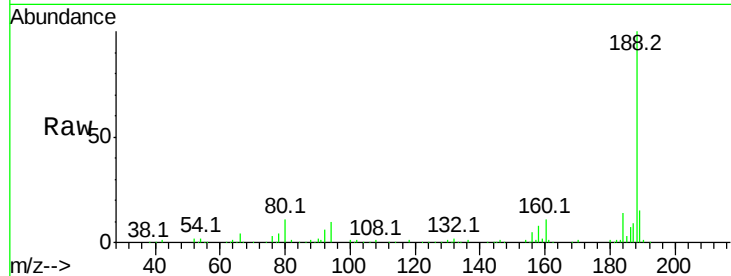
188 100

94 10.5 5.8 8.6#

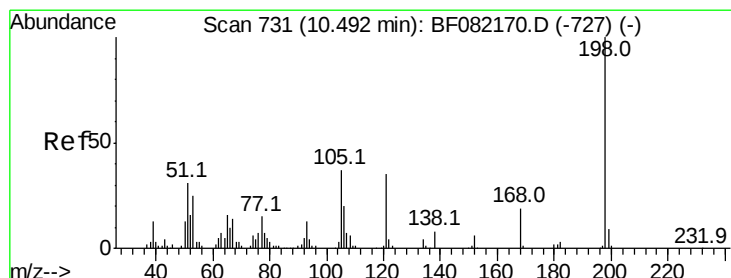
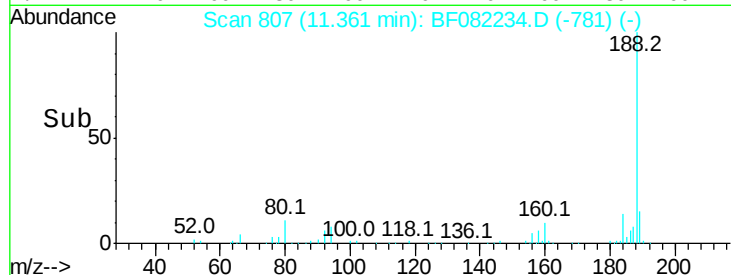
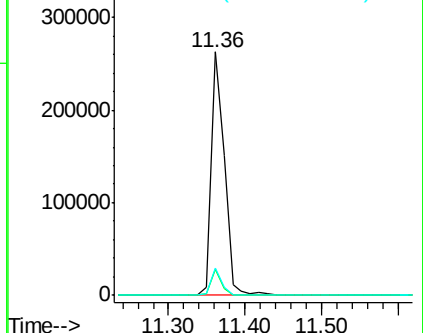
80 11.3 6.4 9.6#

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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



#64

4,6-Dinitro-2-methylphenol

Concen: 37.28 ng

RT: 10.48 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF082234.D

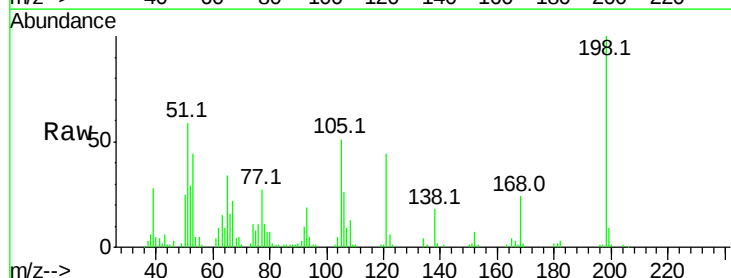
Acq: 12 Oct 2015 22:16

Tgt Ion:198 Resp: 64687
Ion Ratio Lower Upper

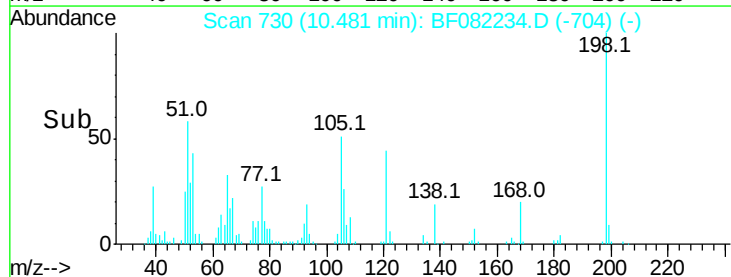
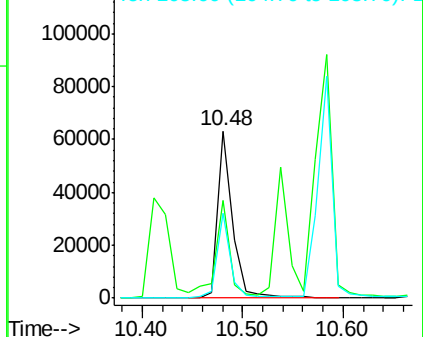
198 100

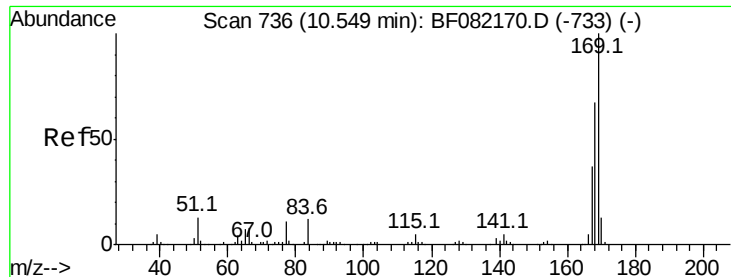
51 58.6 13.6 53.6#

105 50.9 17.1 57.1



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.99 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

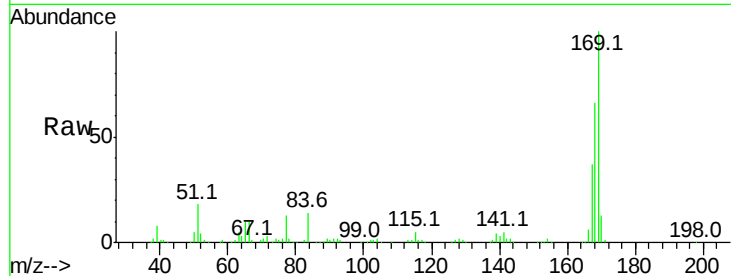
ClientSampleId :

SSTDCCC040EC

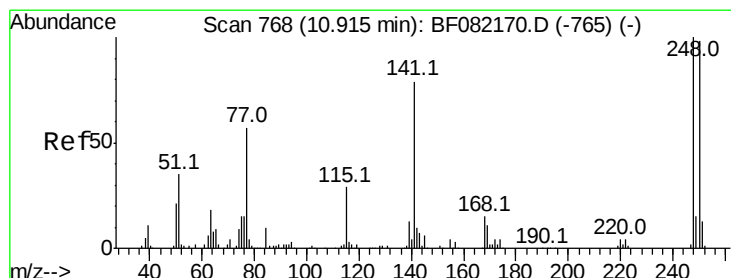
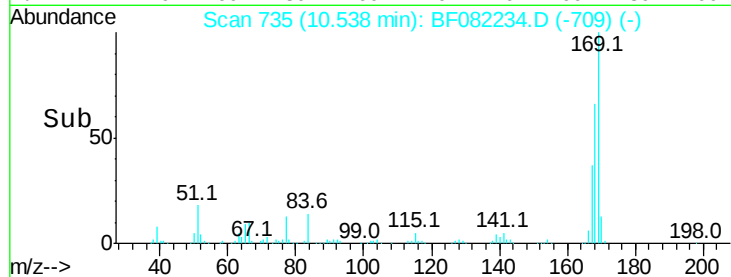
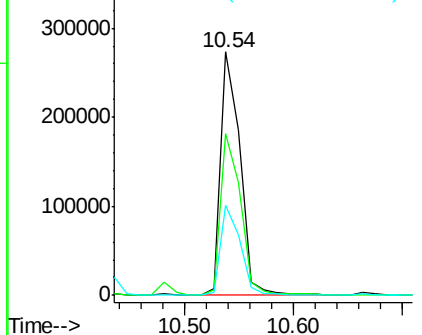
Tot Ion:	169	Resp:	342445
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.0	81.0
167	36.9	29.6	44.4

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



#66

4-Bromophenyl-phenylether

Concen: 38.73 ng

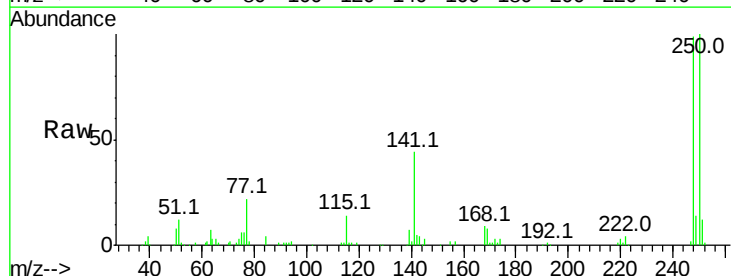
RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

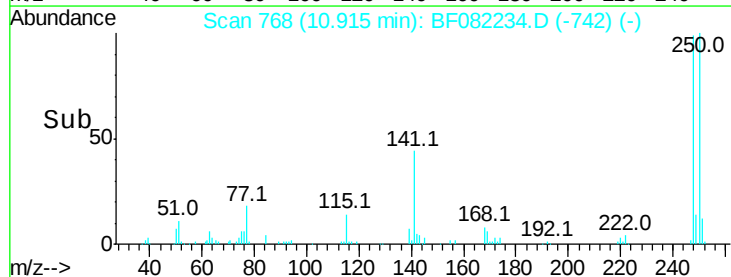
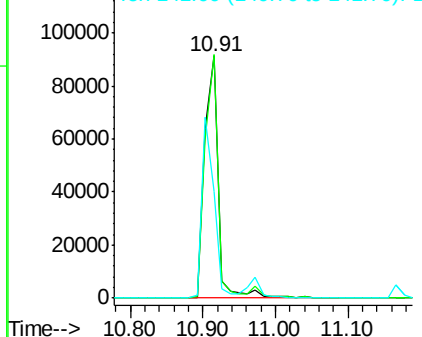
Lab File: BF082234.D

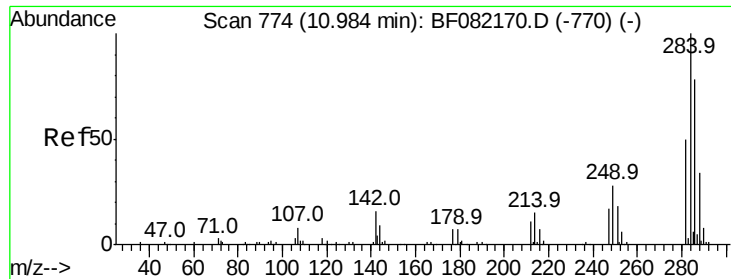
Acq: 12 Oct 2015 22:16

Tgt Ion:	248	Resp:	119829
Ion Ratio	Lower	Upper	
248	100		
250	100.6	78.6	117.8
141	44.2	63.3	94.9#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





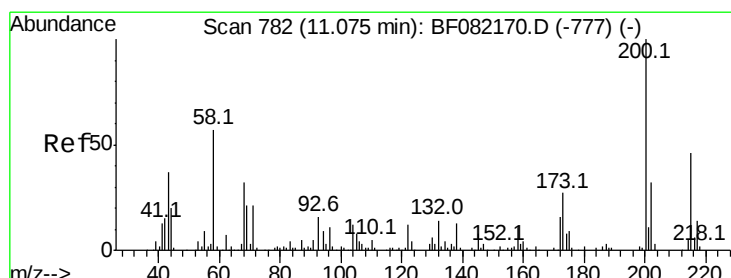
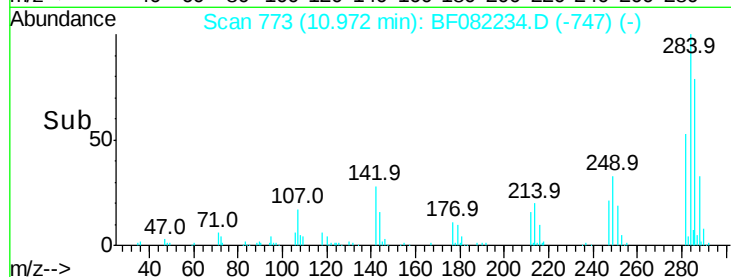
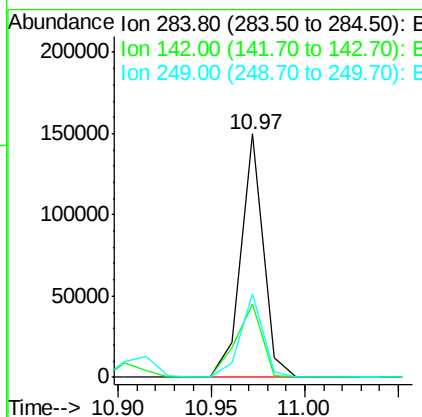
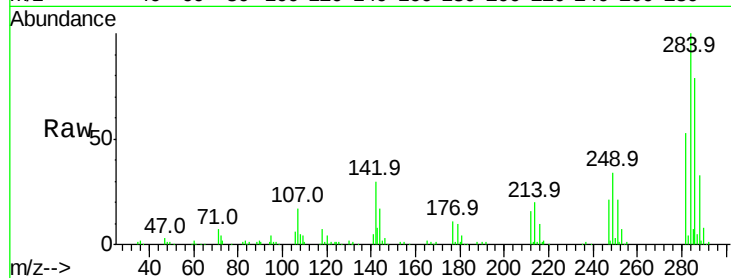
#67
Hexachlorobenzene
Concen: 37.84 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	30.1	13.0	19.6#
249	34.2	22.5	33.7#

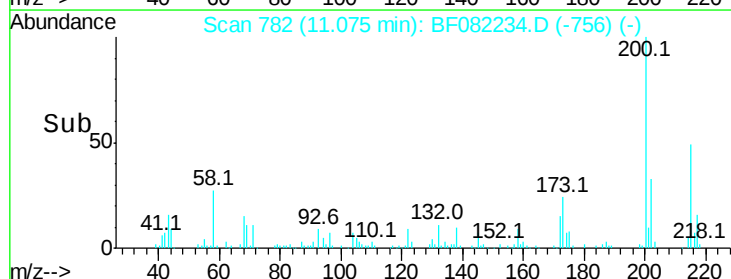
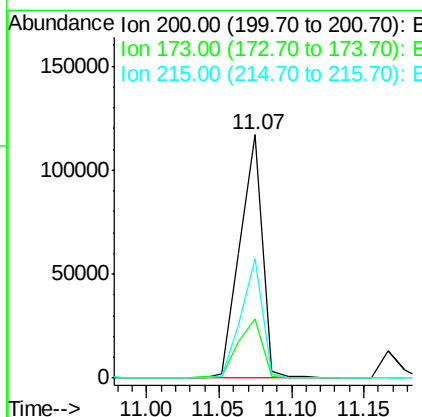
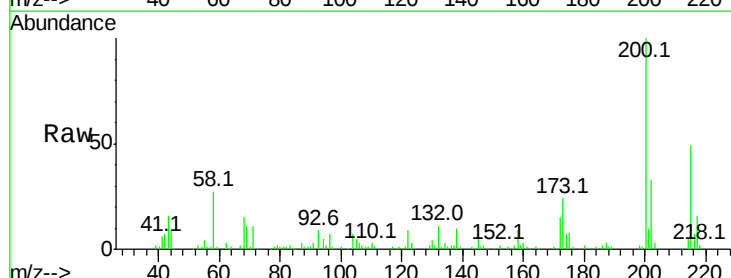
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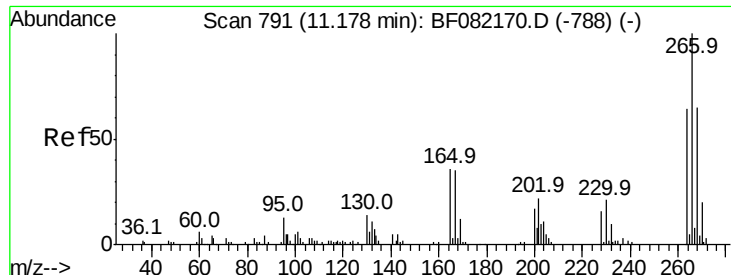
MMdadoda
10/13/2015 1:27:49 PM



#68
Atrazine
Concen: 42.98 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	24.4	7.3	47.3
215	49.1	26.2	66.2





#69

Pentachlorophenol

Concen: 38.85 ng

RT: 11.17 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

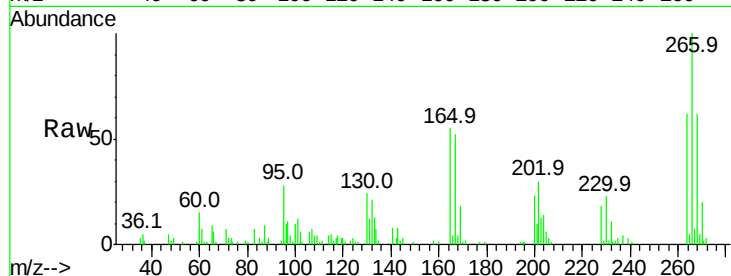
ClientSampleId :

SSTDCCC040EC

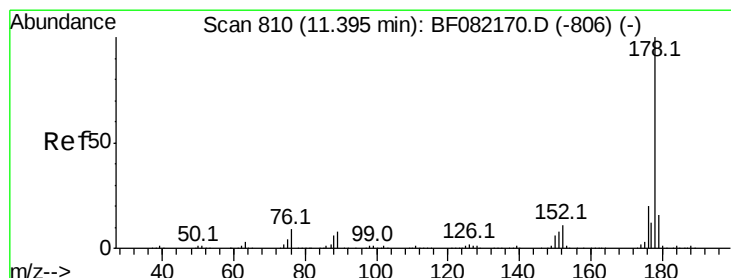
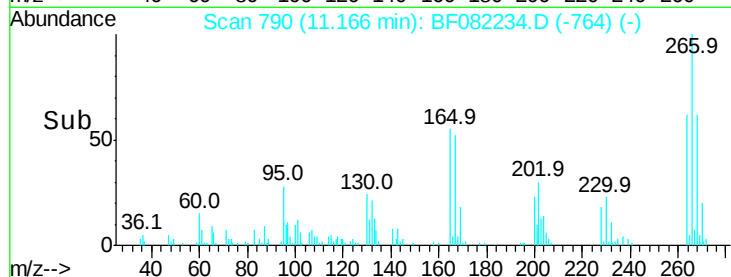
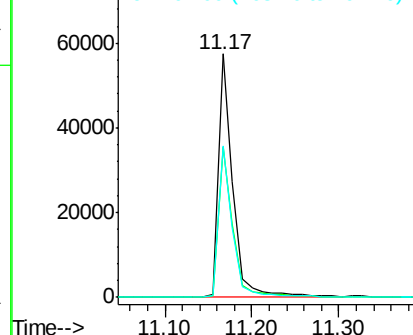
Tot Ion:	266	Resp:	66900
Ion Ratio	Lower	Upper	
266	100		
268	61.9	52.0	78.0
264	62.0	51.4	77.0

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



#70

Phenanthrene

Concen: 39.11 ng

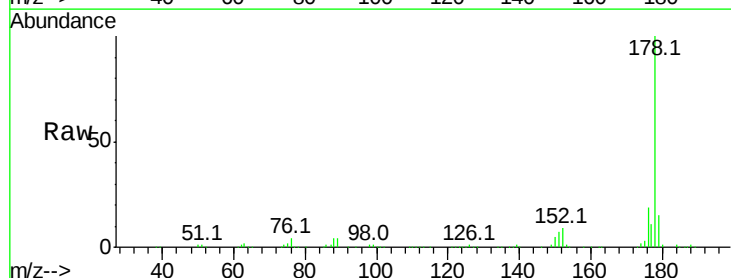
RT: 11.39 min Scan# 810

Delta R.T. -0.00 min

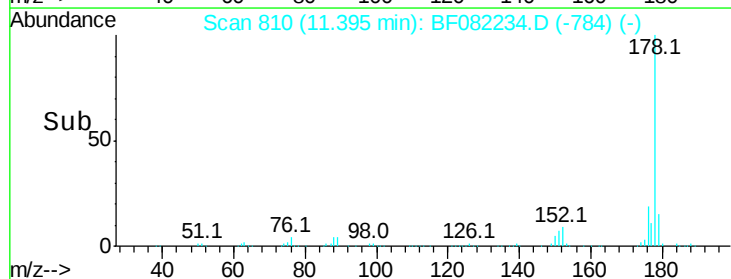
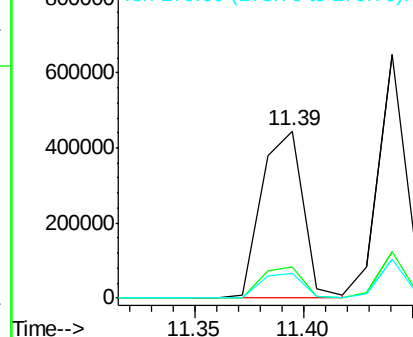
Lab File: BF082234.D

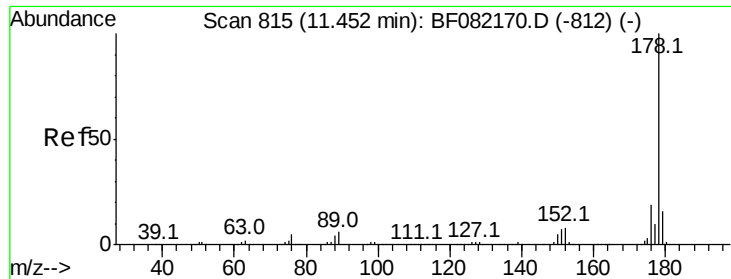
Acq: 12 Oct 2015 22:16

Tgt Ion:	178	Resp:	592664
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.0	24.0
179	15.1	12.6	19.0



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





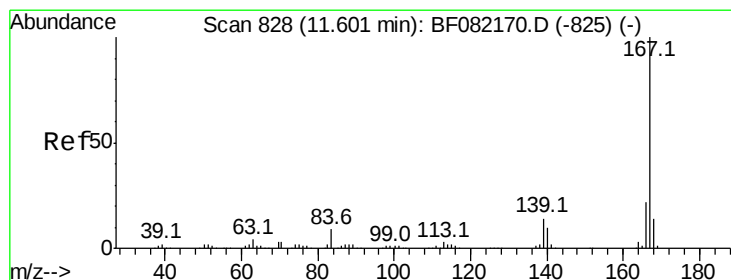
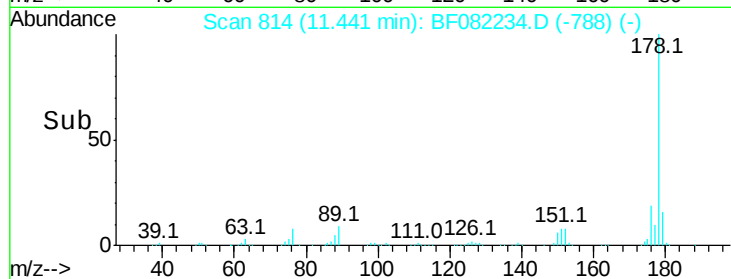
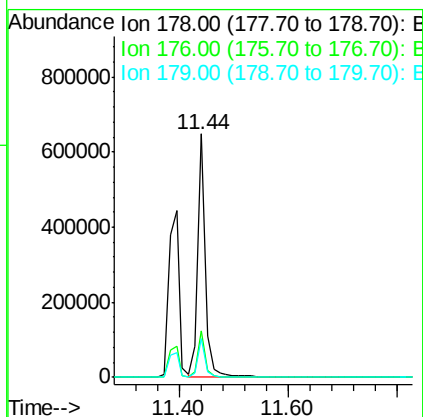
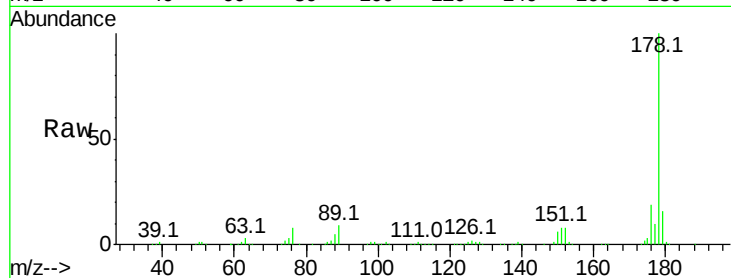
#71
 Anthracene
 Concen: 39.93 ng
 RT: 11.44 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.8	12.5	18.7

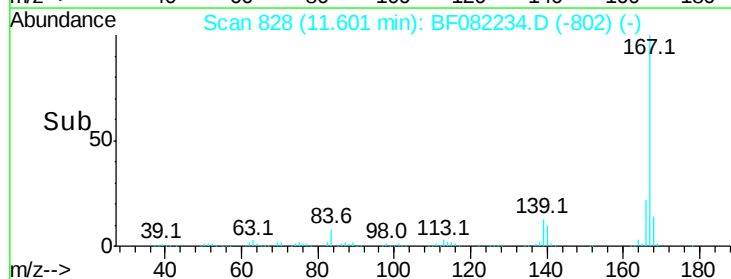
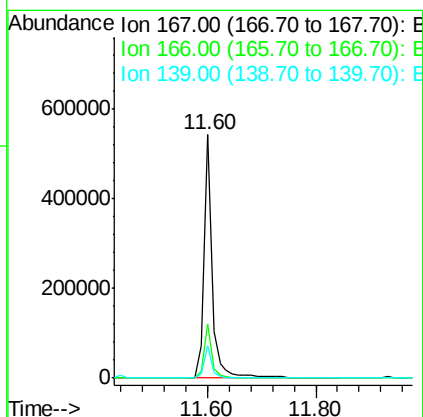
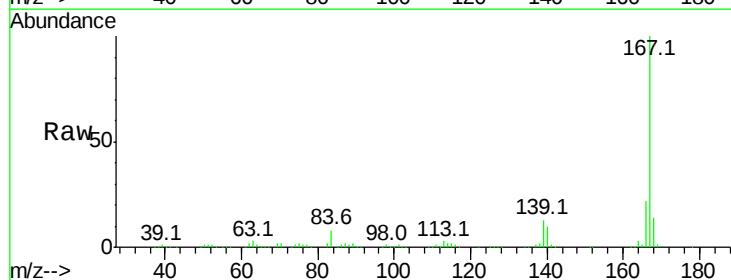
Manual Integrations
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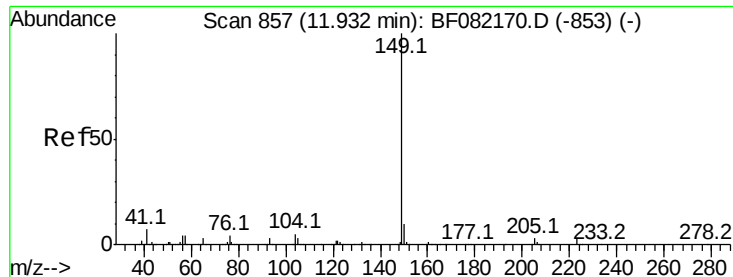
MMdadoda
 10/13/2015 1:27:49 PM



#72
 Carbazole
 Concen: 40.00 ng
 RT: 11.60 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.27 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

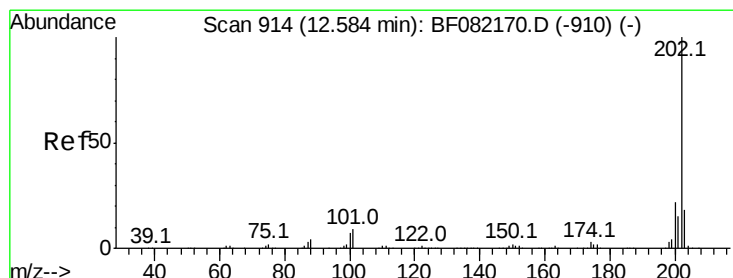
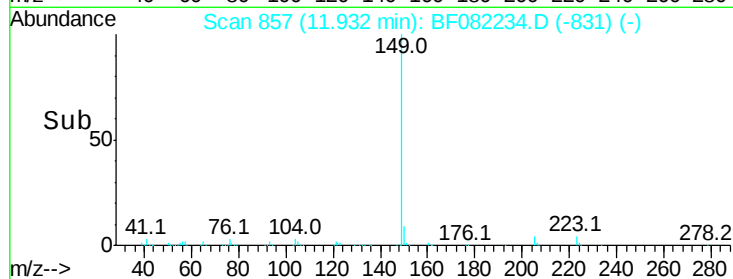
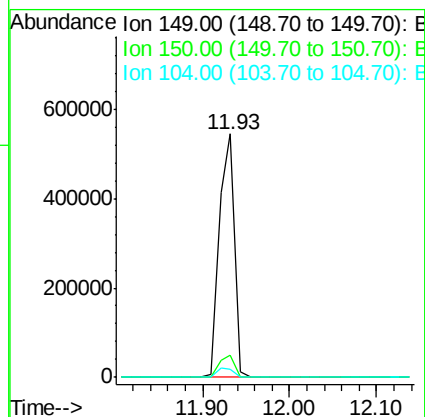
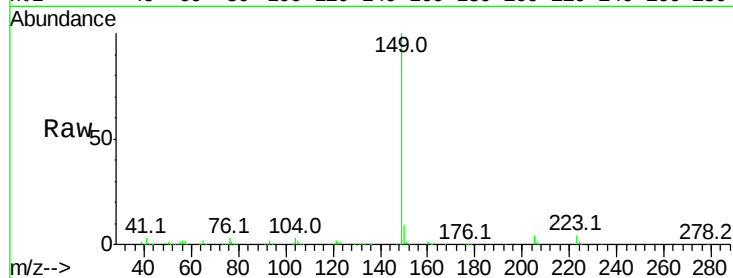
ClientSampleId :

SSTDCCC040EC

Manual Integrations
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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.9	7.8	11.6	
104	3.4	3.8	5.8	



#74

Fluoranthene

Concen: 40.05 ng

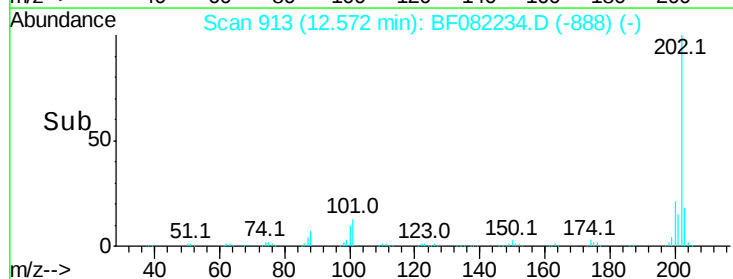
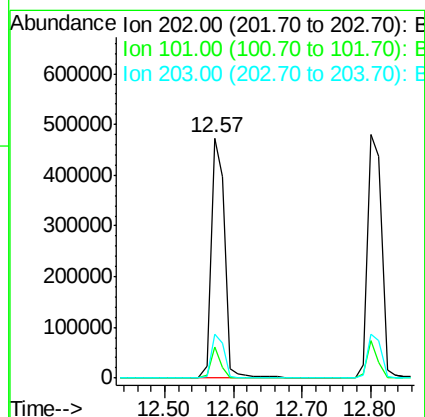
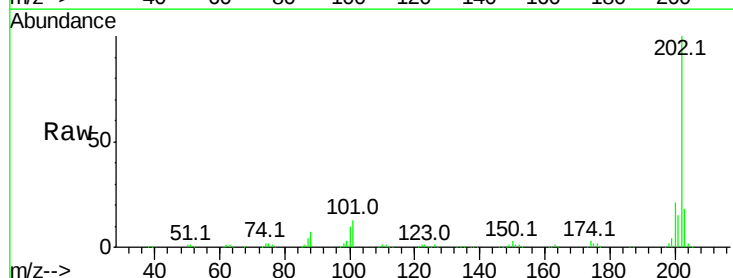
RT: 12.57 min Scan# 913

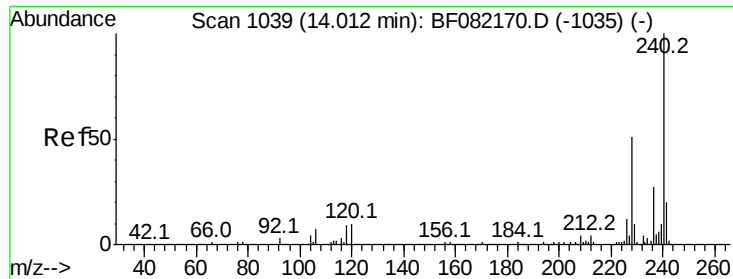
Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.2	0.0	29.3	
203	18.3	0.0	37.8	





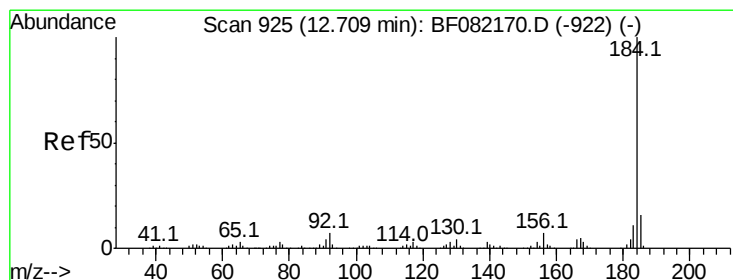
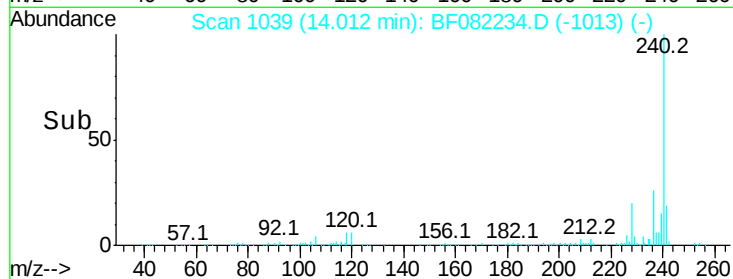
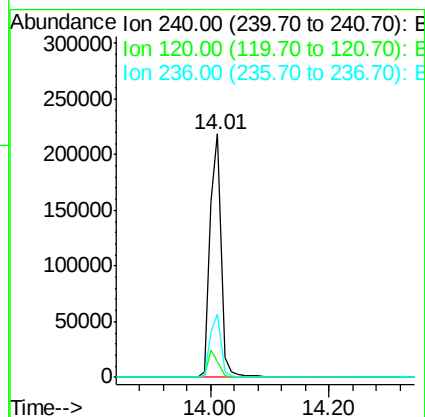
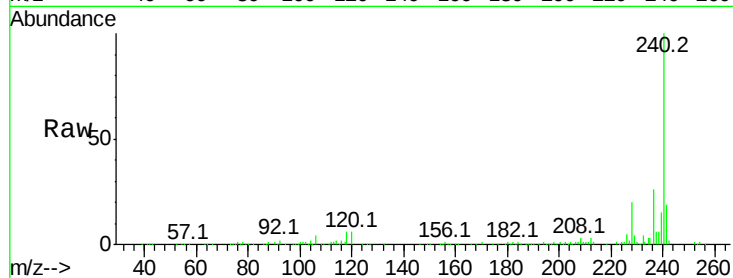
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	6.2	8.1	12.1	
236	25.8	21.3	31.9	

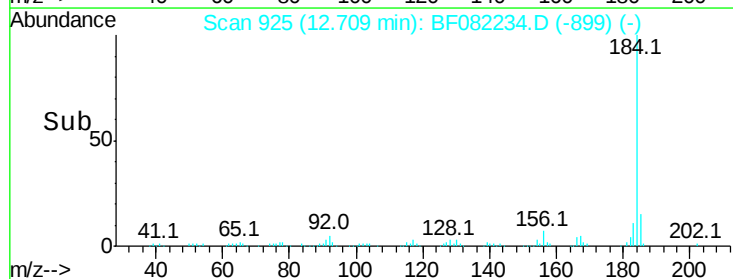
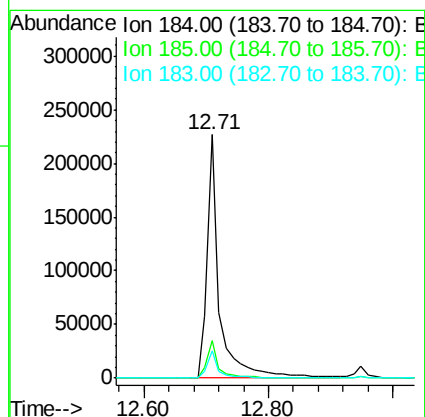
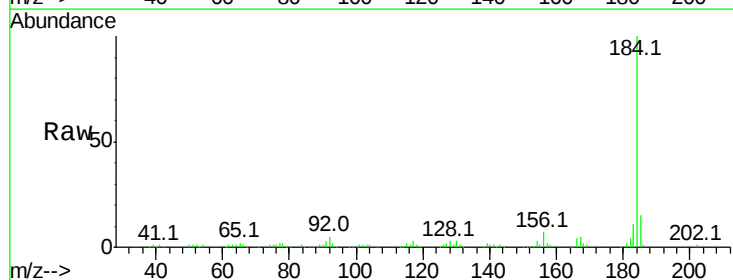
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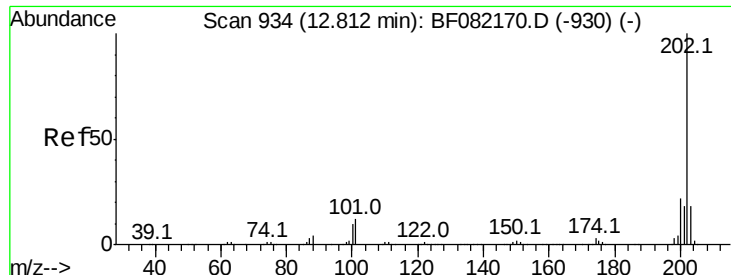
MMdadoda
10/13/2015 1:27:49 PM



#76
Benzidine
Concen: 37.89 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	15.4	12.5	18.7	
183	11.3	9.1	13.7	





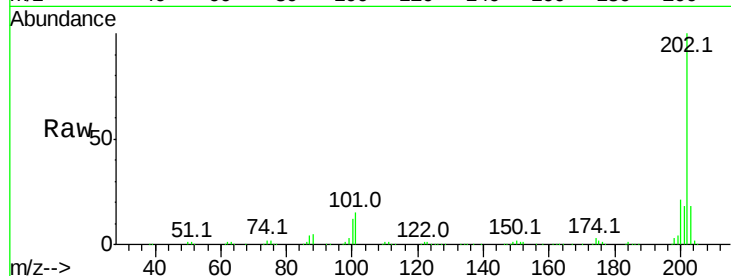
#77
Pvrene
Concen: 39.50 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

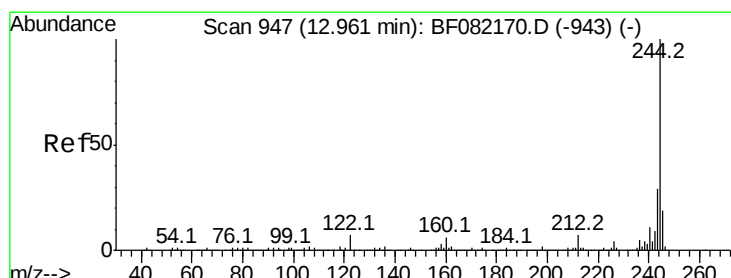
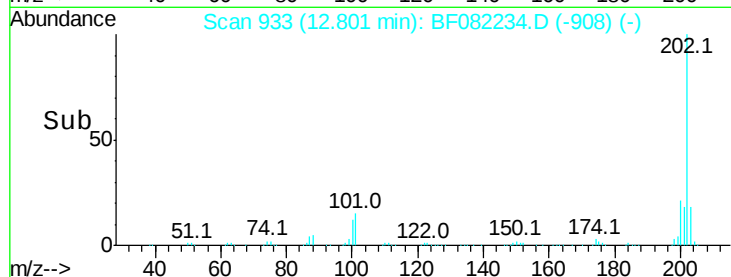
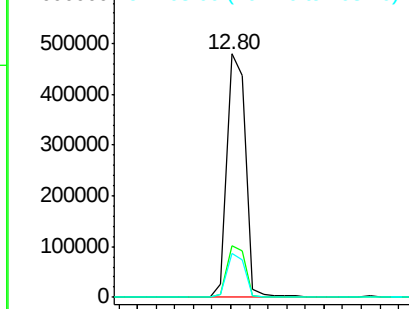
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.9	26.9
203	18.1	14.5	21.7

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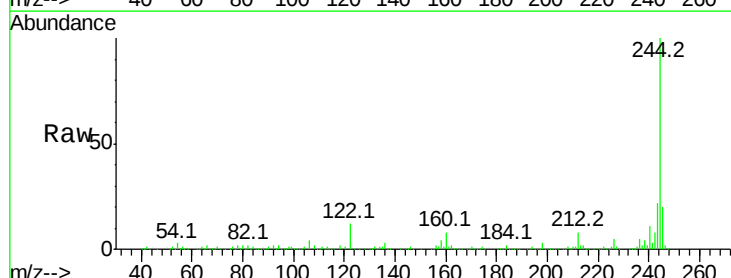


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

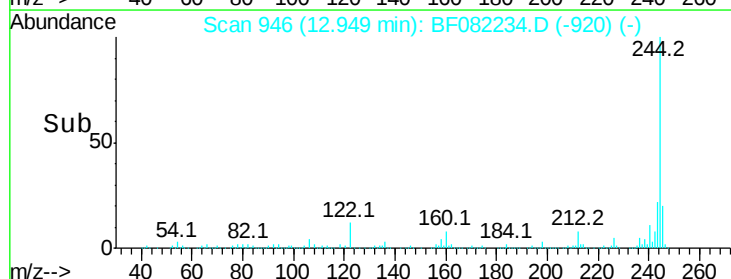
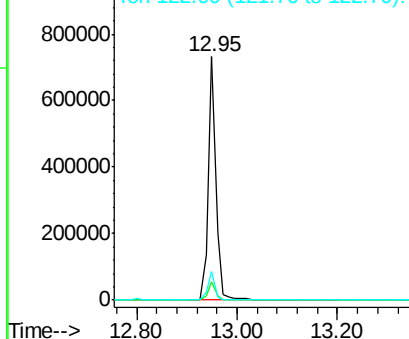


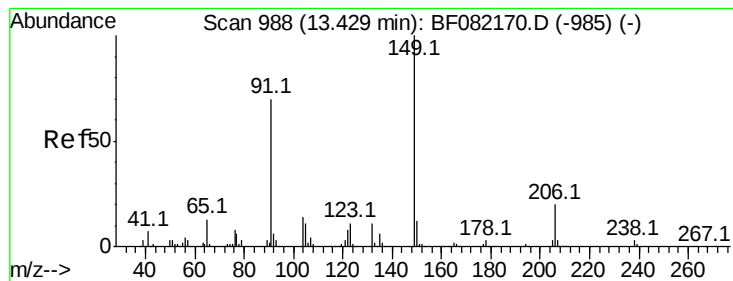
#78
Terphenyl-d14
Concen: 72.40 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.9	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: 40.05 ng

RT: 13.43 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

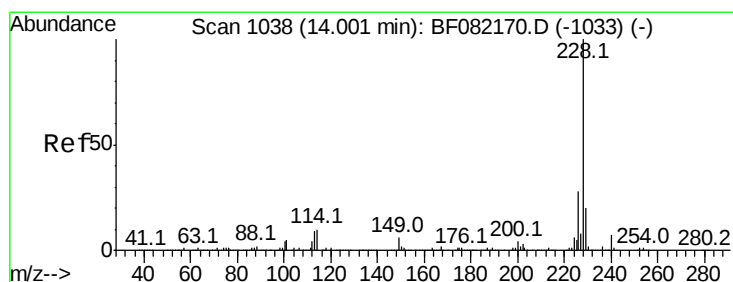
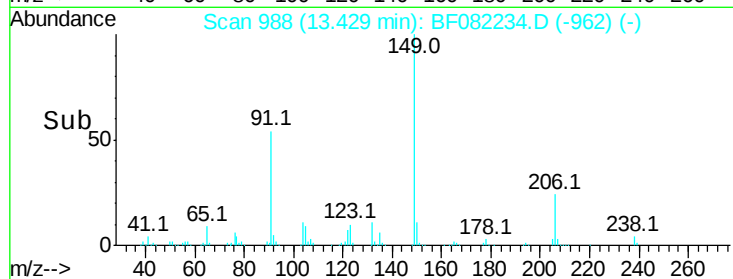
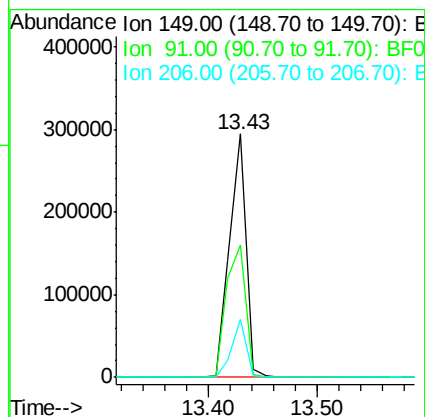
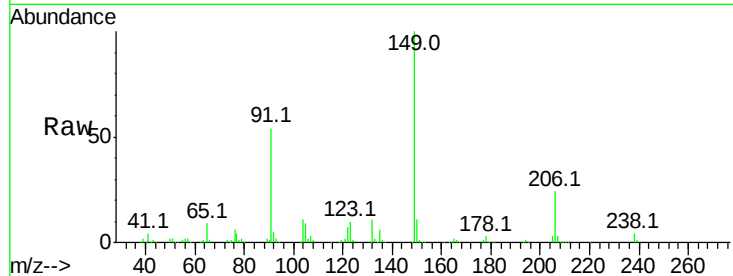
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	309143
Ion Ratio	Lower	Upper	
149	100		
91	54.4	55.7	83.5#
206	23.8	15.6	23.4#

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#80

Benzo(a)anthracene

Concen: 38.68 ng

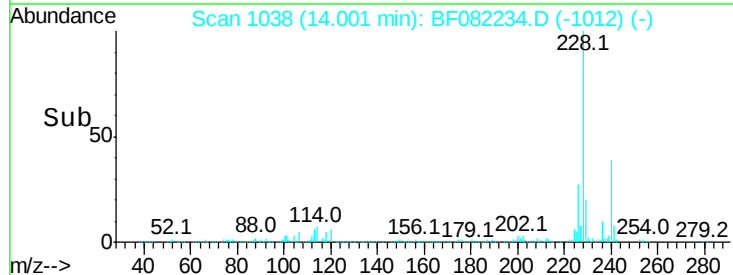
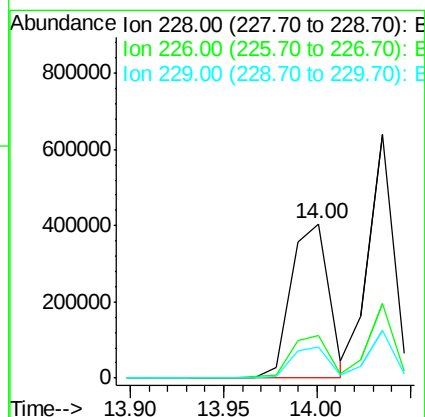
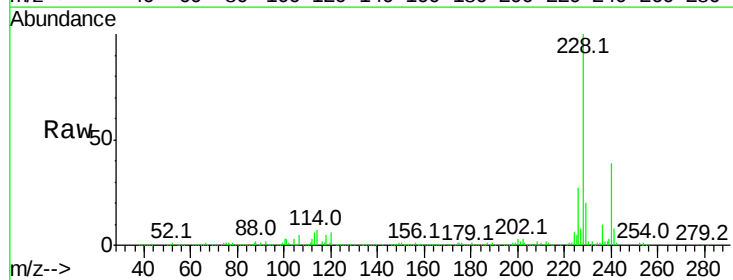
RT: 14.00 min Scan# 1038

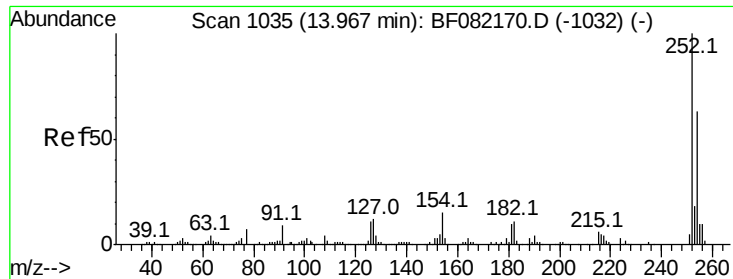
Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	228	Resp:	573549
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.8	16.2	24.2





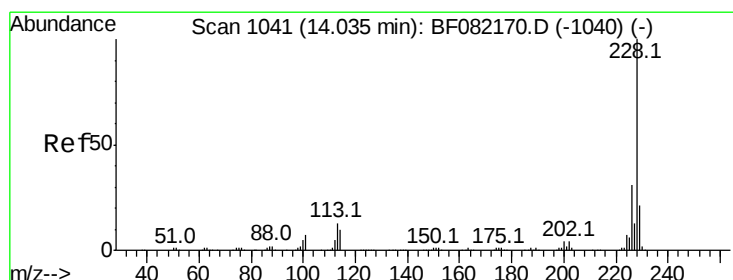
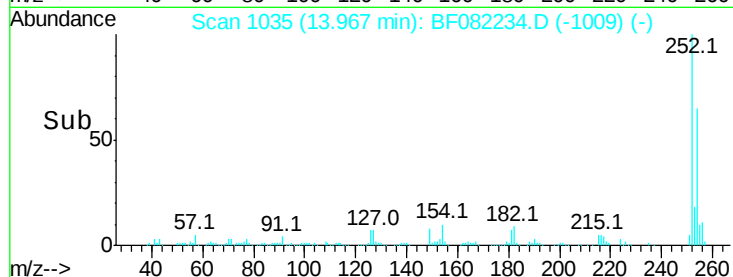
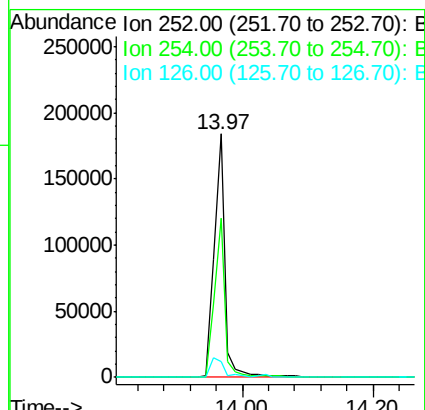
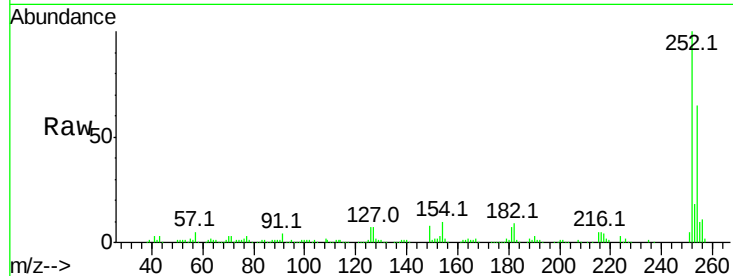
#81
 3,3'-Dichlorobenzidine
 Concen: 38.58 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.7	76.1
126	6.6	9.0	13.6

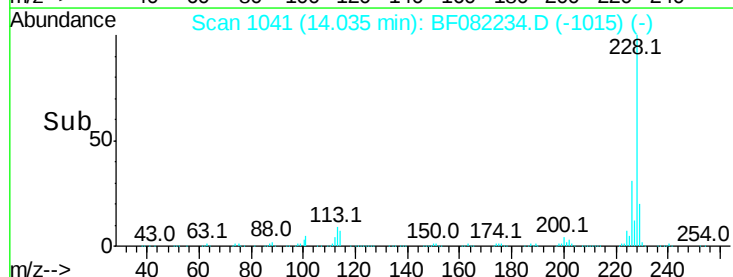
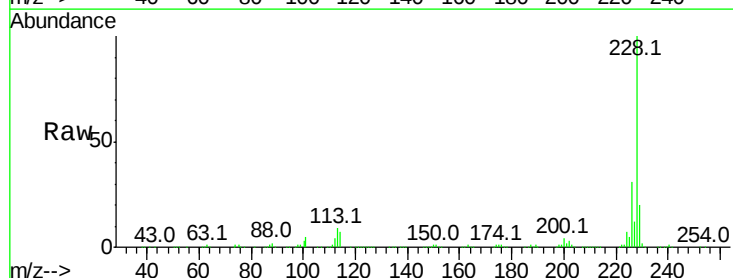
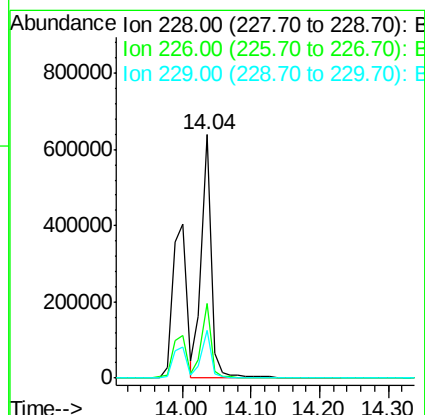
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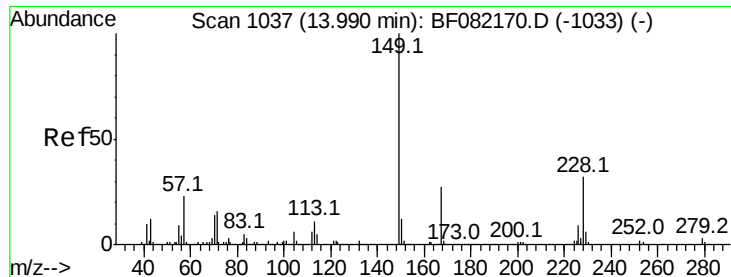
MMdadoda
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#82
 Chrysene
 Concen: 40.17 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	19.8	16.3	24.5





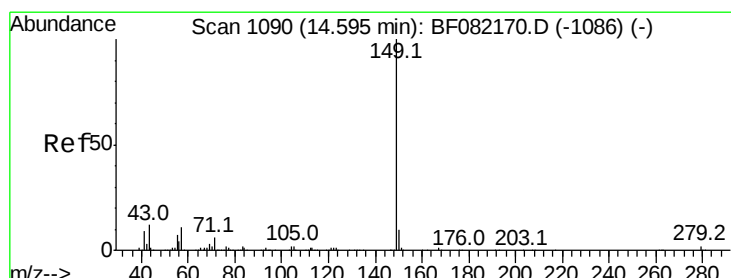
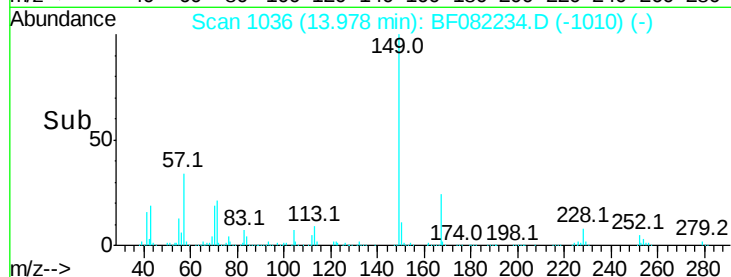
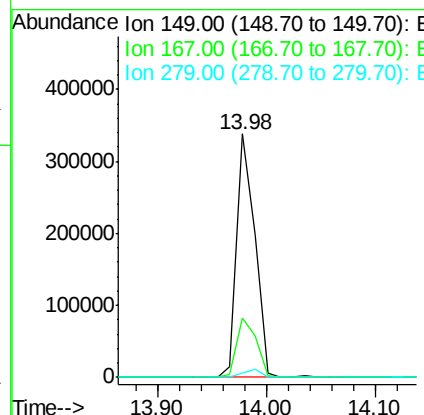
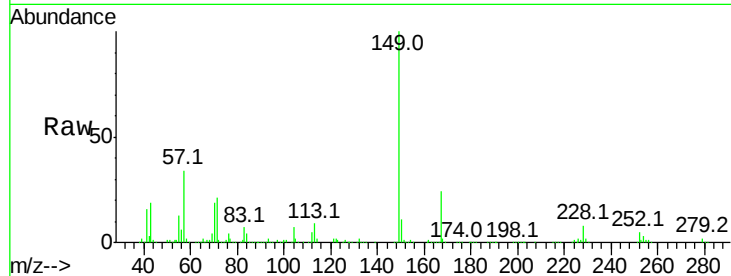
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.98 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.2	21.3	31.9	
279	2.0	2.6	4.0	

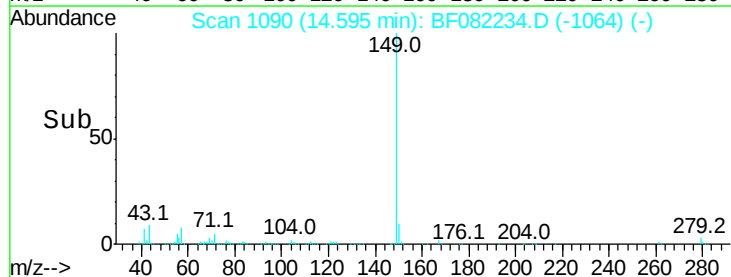
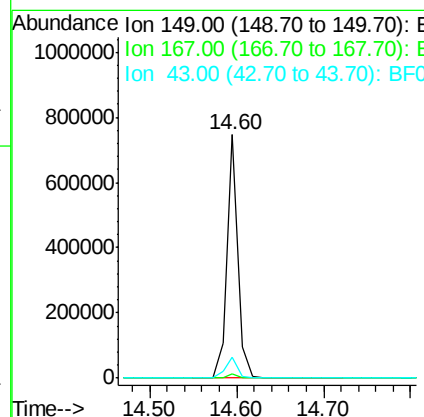
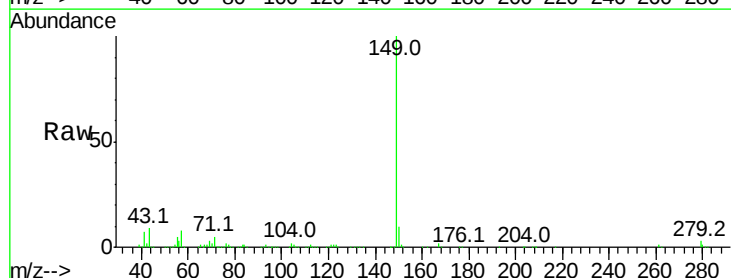
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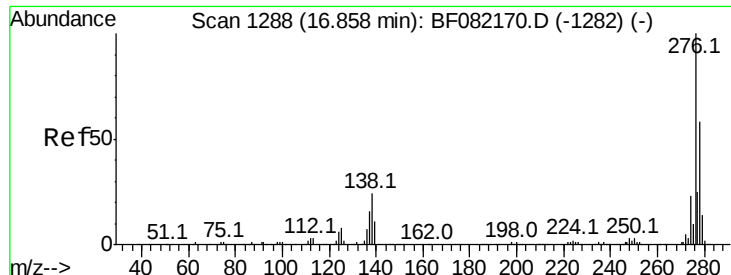
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 34.77 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.2	7.4	11.2	





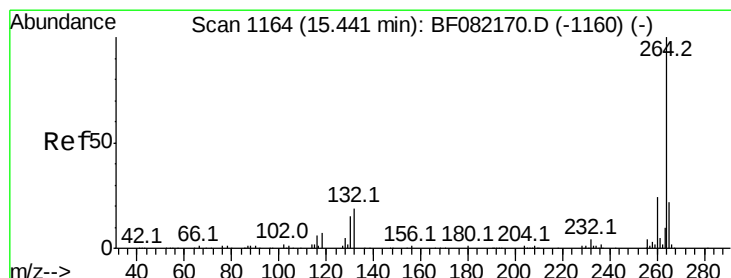
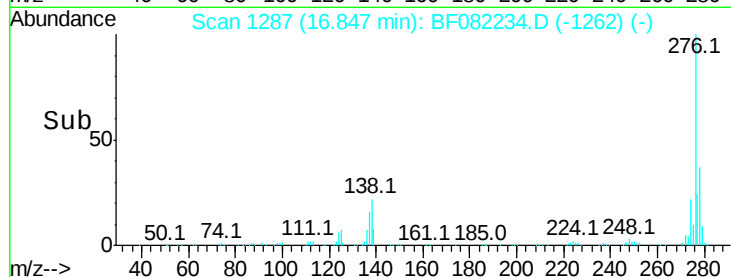
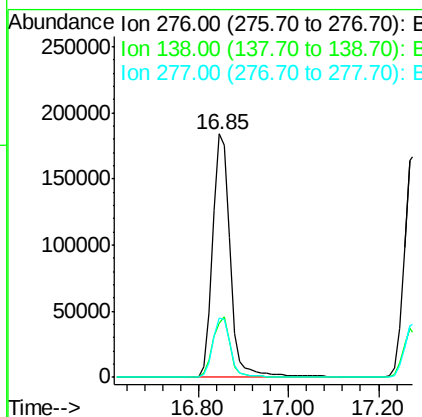
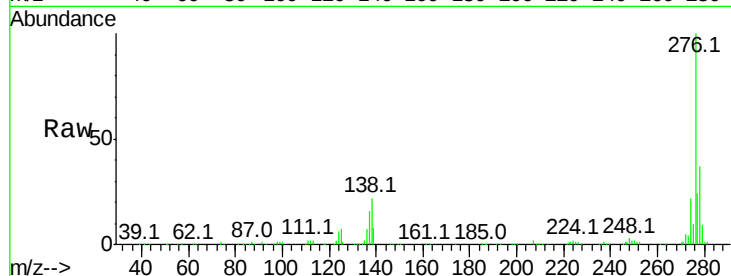
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.67 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.7	20.1	30.1

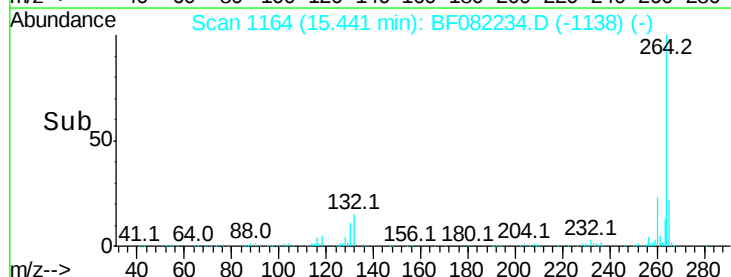
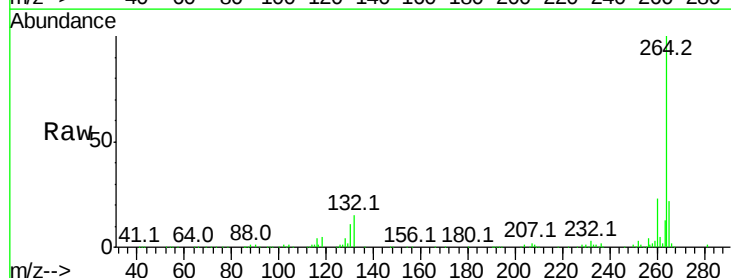
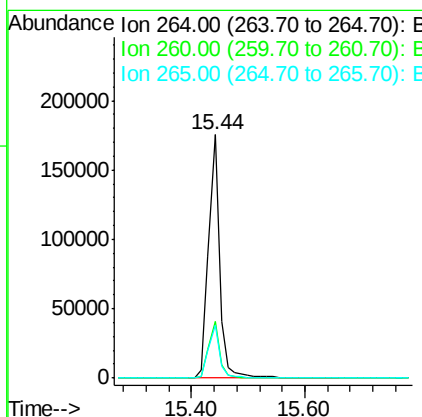
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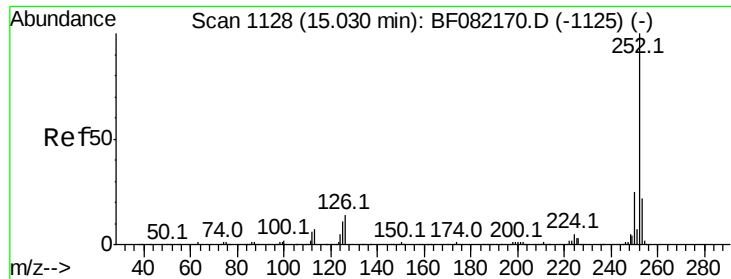
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.20 ng

RT: 15.03 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Instrument :

BNA_F

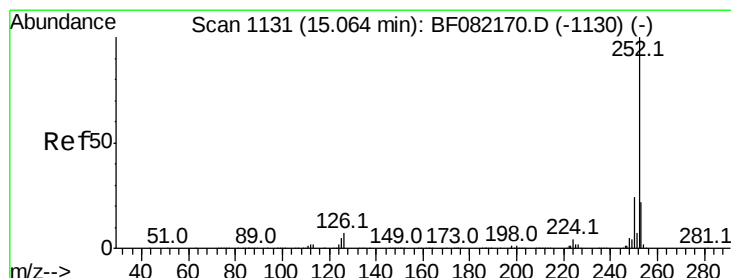
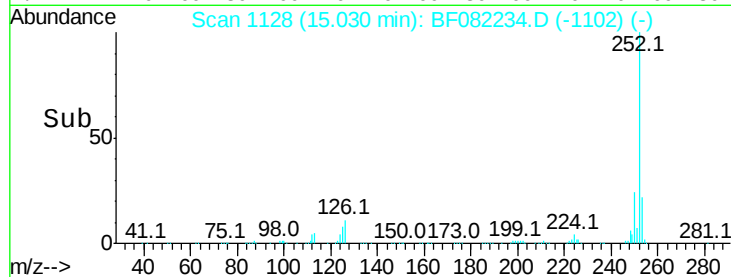
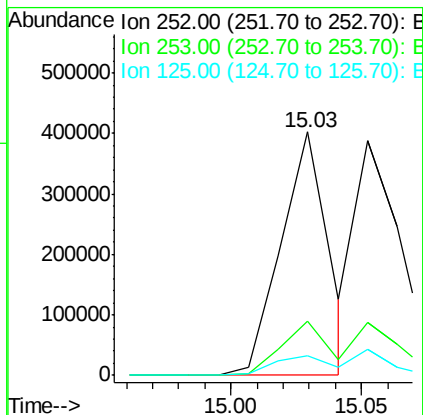
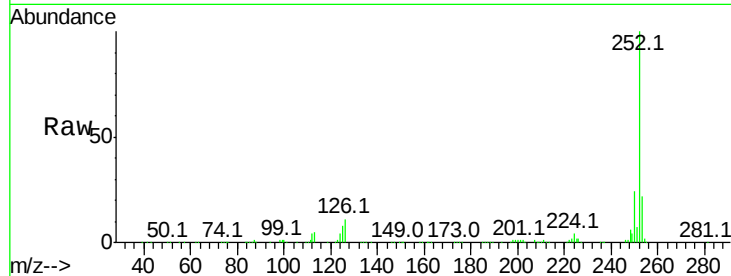
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	506231
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	7.9	8.6	12.8#

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#88

Benzo(k)fluoranthene

Concen: 40.78 ng m

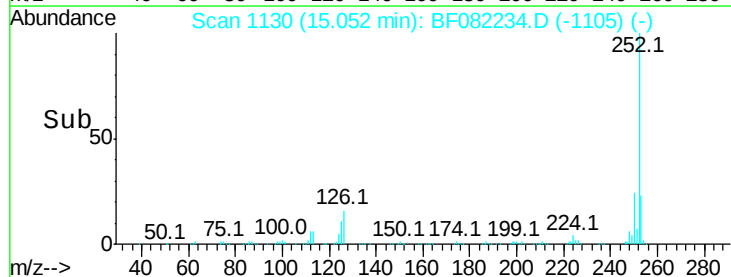
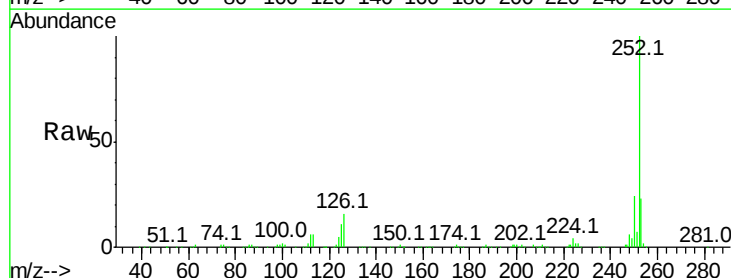
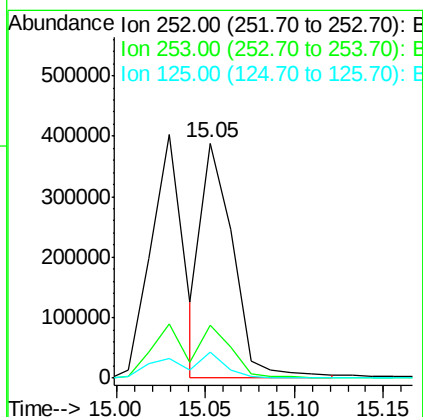
RT: 15.05 min Scan# 1130

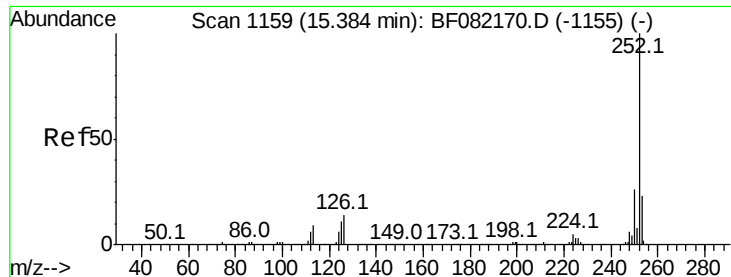
Delta R.T. -0.01 min

Lab File: BF082234.D

Acq: 12 Oct 2015 22:16

Tgt Ion:	252	Resp:	479408
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.6
125	10.9	6.7	10.1#





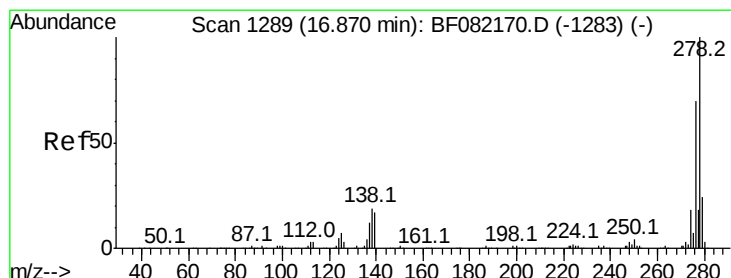
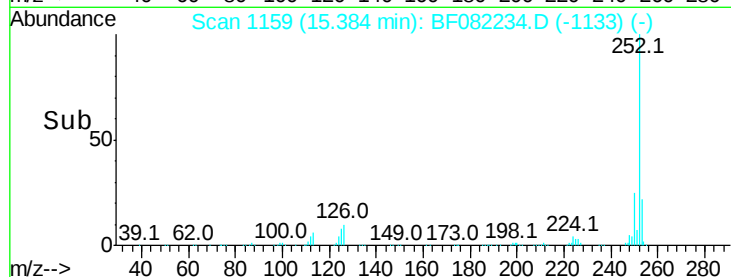
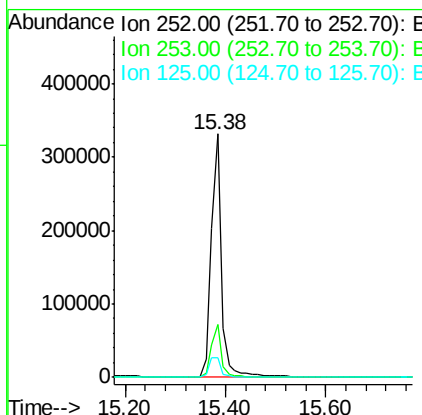
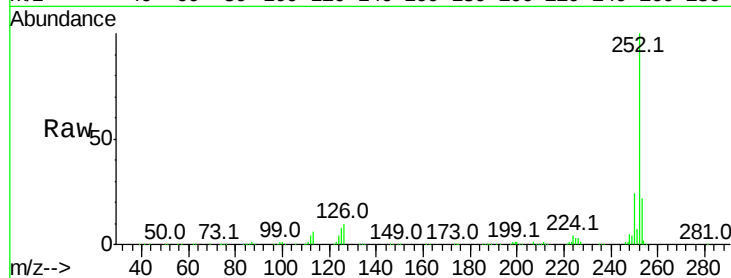
#89
Benzo(a)pyrene
Concen: 38.68 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.2	8.9	13.3

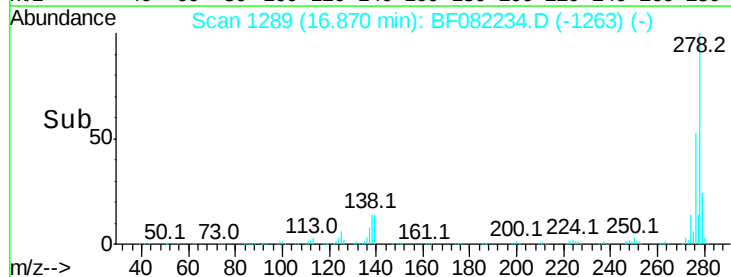
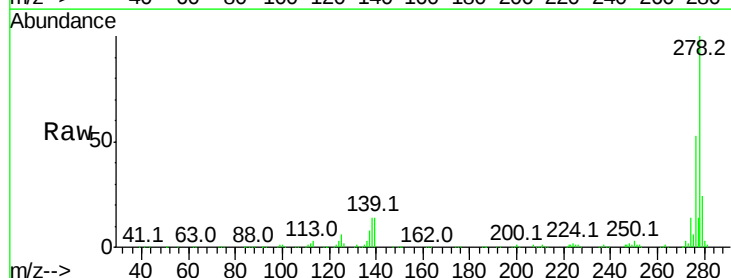
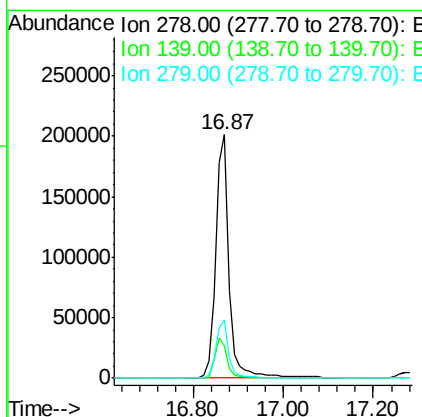
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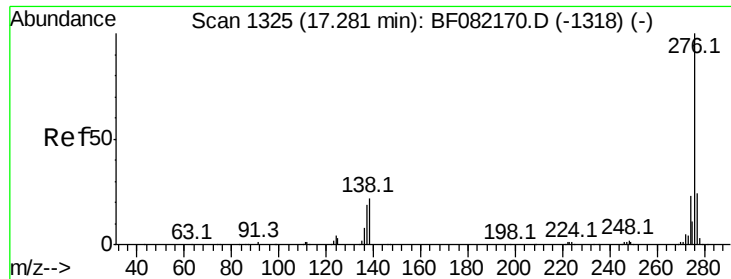
MMdadoda
10/13/2015 1:27:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.01 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082234.D
Acq: 12 Oct 2015 22:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	13.3	19.9
279	23.6	18.9	28.3





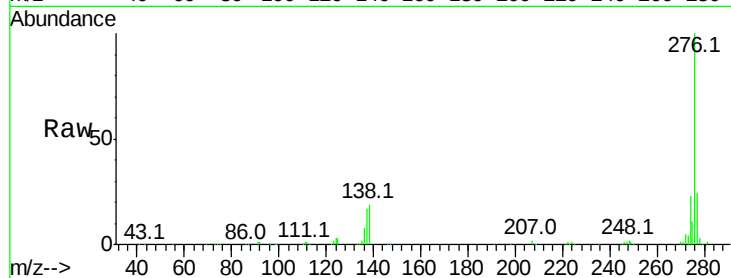
#91
 Benzo(a,h,i)perylene
 Concen: 43.08 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082234.D
 Acq: 12 Oct 2015 22:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100	412224		
277	24.1		18.8	28.2
138	18.9		17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:27:49 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

