

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
 Data File : BF082236.D
 Acq On : 13 Oct 2015 1:27
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:03 PM

Quant Time: Oct 13 06:27:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 01:46:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	72865	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	291235	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	146985	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	304605	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	304324	20.00	ng	0.00
86) Perylene-d12	15.44	264	255092	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	290827	80.55	ng	-0.01
7) Phenol-d6	6.47	99	369497	78.65	ng	-0.01
23) Nitrobenzene-d5	7.41	82	345628	79.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	117540	85.27	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	702935	79.31	ng	-0.01
78) Terphenyl-d14	12.95	244	763897	66.52	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.37	88	69994	38.59	ng	95
3) Pyridine	3.09	79	178607	42.33	ng	99
4) n-Nitrosodimethylamine	3.05	42	70359	39.32	ng	97
6) Aniline	6.49	93	246210	40.65	ng	# 82
8) 2-Chlorophenol	6.62	128	178109	40.41	ng	94
9) Benzaldehyde	6.38	77	95793	39.93	ng	95
10) Phenol	6.48	94	195576	36.10	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	169755	37.06	ng	96
12) 1,3-Dichlorobenzene	6.77	146	191267	37.26	ng	96
13) 1,4-Dichlorobenzene	6.85	146	200597	37.42	ng	96
14) 1,2-Dichlorobenzene	7.01	146	195886m	38.49	ng	
15) Benzyl Alcohol	6.98	79	137376	42.36	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	241432	37.85	ng	98
17) 2-Methylphenol	7.10	107	140945	40.44	ng	98
18) Hexachloroethane	7.35	117	65616	35.76	ng	# 73
19) n-Nitroso-di-n-propylamine	7.26	70	124667	37.78	ng	99
20) 3+4-Methylphenols	7.25	107	169676	40.85	ng	# 82
22) Acetophenone	7.25	105	221363	38.42	ng	98
24) Nitrobenzene	7.43	77	179674	38.28	ng	# 82
25) Isophorone	7.66	82	326923	37.35	ng	97
26) 2-Nitrophenol	7.74	139	94335	40.25	ng	# 86
27) 2,4-Dimethylphenol	7.78	122	155727	41.24	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	200507	39.37	ng	99
29) 2,4-Dichlorophenol	7.98	162	146724	38.87	ng	93
30) 1,2,4-Trichlorobenzene	8.06	180	163571	37.59	ng	98
31) Naphthalene	8.15	128	486880	38.57	ng	99
32) Benzoic acid	7.90	122	90782	35.82	ng	97
33) 4-Chloroaniline	8.19	127	209750	40.01	ng	96
34) Hexachlorobutadiene	8.26	225	95808	35.34	ng	96
35) Caprolactam	8.57	113	46783	42.70	ng	# 76
36) 4-Chloro-3-methylphenol	8.69	107	157722	42.72	ng	88
37) 2-Methylnaphthalene	8.83	142	345692	39.50	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	167000	38.20	ng	97
40) Hexachlorocyclopentadiene	8.98	237	59318	32.33	ng	98

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	114954	39.59	nq	98
43) 2,4,5-Trichlorophenol	9.15	196	125177	39.79	nq #	91
45) 1,1'-Biphenyl	9.30	154	453566	40.47	nq	96
46) 2-Chloronaphthalene	9.33	162	340377	38.58	nq	97
47) 2-Nitroaniline	9.43	65	105509	43.56	nq #	82
48) Acenaphthylene	9.74	152	522977	38.05	nq	100
49) Dimethylphthalate	9.60	163	390548	37.73	nq	99
50) 2,6-Dinitrotoluene	9.67	165	85224	39.02	nq #	78
51) Acenaphthene	9.91	154	321881	39.01	nq	99
52) 3-Nitroaniline	9.84	138	104873	42.51	nq	85
53) 2,4-Dinitrophenol	9.95	184	37744	34.85	nq	91
54) Dibenzofuran	10.08	168	441007	38.93	nq	97
55) 4-Nitrophenol	10.01	139	59532	42.78	nq	94
56) 2,4-Dinitrotoluene	10.07	165	114948	42.11	nq	87
57) Fluorene	10.42	166	364823	39.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	110398	42.95	nq	92
59) Diethylphthalate	10.30	149	388036	40.22	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	172916	40.57	nq #	82
61) 4-Nitroaniline	10.46	138	108705	45.43	nq	96
62) Azobenzene	10.58	77	378887	40.13	nq	88
64) 4,6-Dinitro-2-methylphenol	10.48	198	63276	37.02	nq #	69
65) n-Nitrosodiphenylamine	10.54	169	328935	36.07	nq	100
66) 4-Bromophenyl-phenylether	10.91	248	117147	38.43	nq #	81
67) Hexachlorobenzene	10.97	284	122873	37.27	nq #	81
68) Atrazine	11.07	200	121224	41.96	nq	95
69) Pentachlorophenol	11.17	266	65546	38.64	nq	97
70) Phenanthrene	11.39	178	586443	39.28	nq	99
71) Anthracene	11.44	178	611532	39.75	nq	100
72) Carbazole	11.60	167	568221	40.49	nq	99
73) Di-n-butylphthalate	11.93	149	667359	38.54	nq #	98
74) Fluoranthene	12.57	202	646433	40.31	nq	96
76) Benzidine	12.71	184	325801	36.94	nq	99
77) Pyrene	12.81	202	687436	38.06	nq	98
79) Butylbenzylphthalate	13.43	149	313977	38.10	nq	90
80) Benzo(a)anthracene	14.00	228	600014	37.89	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	230516	38.35	nq #	98
82) Chrysene	14.04	228	622932	37.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.98	149	395721	33.65	nq #	95
84) Di-n-octyl phthalate	14.60	149	674483	33.40	nq	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	540230	40.74	nq	99
87) Benzo(b)fluoranthene	15.03	252	528115	34.03	nq	98
88) Benzo(k)fluoranthene	15.05	252	551978m	42.31	nq	
89) Benzo(a)pyrene	15.38	252	498301	37.36	nq #	97
90) Dibenzo(a,h)anthracene	16.87	278	442984	40.53	nq	97
91) Benzo(g,h,i)perylene	17.28	276	433085	40.79	nq	98

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

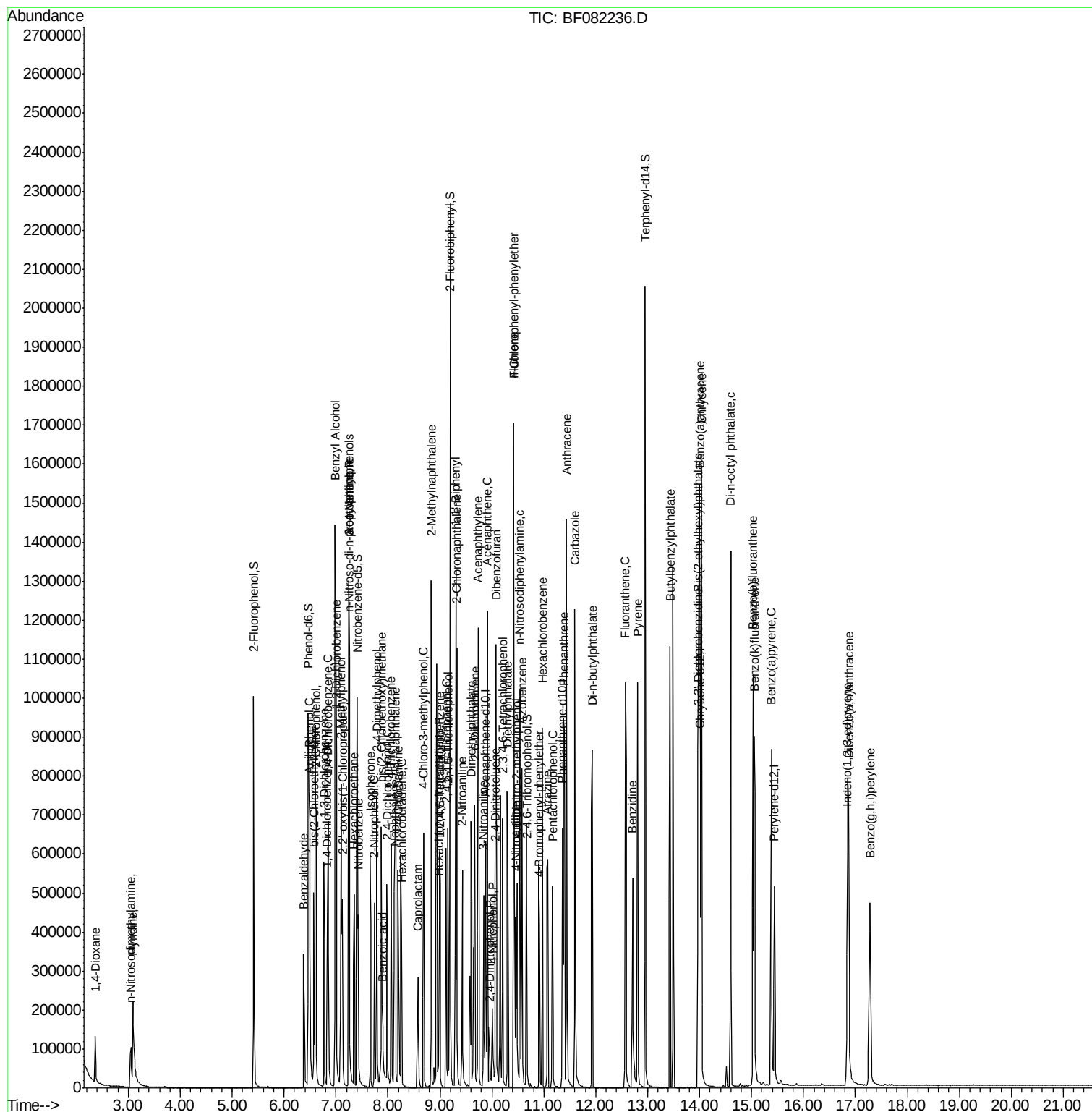
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101315\
Data File : BF082236.D
Acq On    : 13 Oct 2015    1:27
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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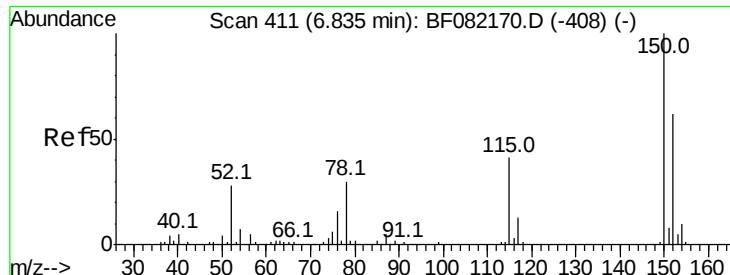
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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10/13/2015 1:25:03 PM

Quant Time: Oct 13 06:27:57 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 72865

Ion Ratio Lower Upper

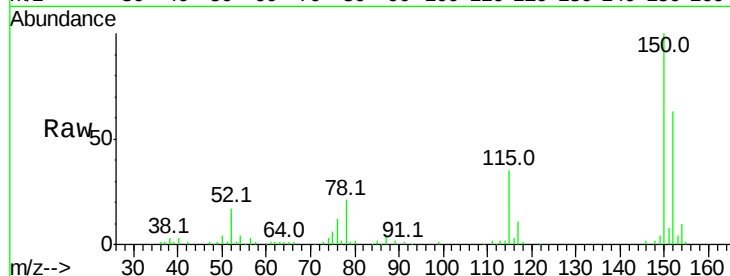
152 100

150 159.0 129.0 193.4

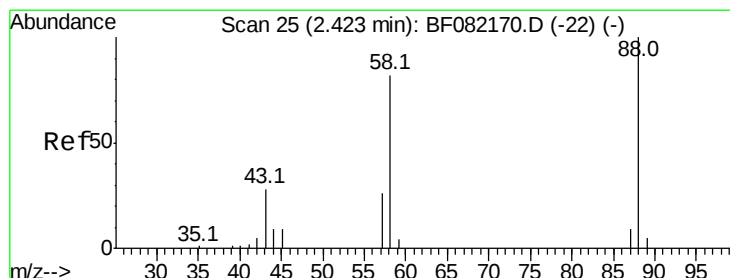
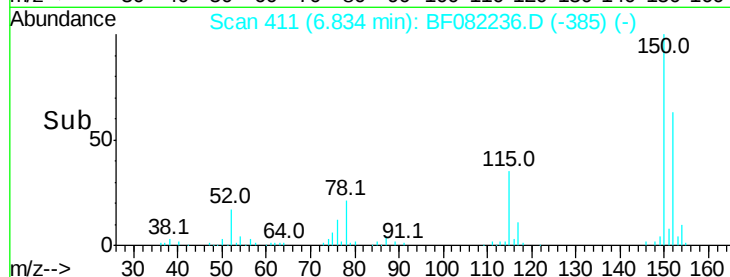
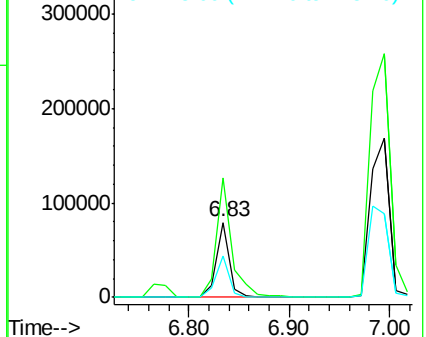
115 55.8 52.1 78.1

Manual Integrations
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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: 38.59 ng

RT: 2.37 min Scan# 20

Delta R.T. -0.06 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

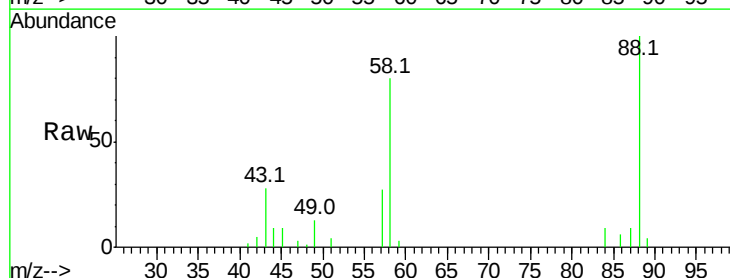
Tgt Ion: 88 Resp: 69994

Ion Ratio Lower Upper

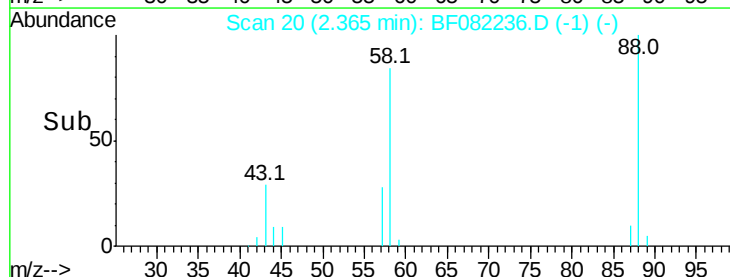
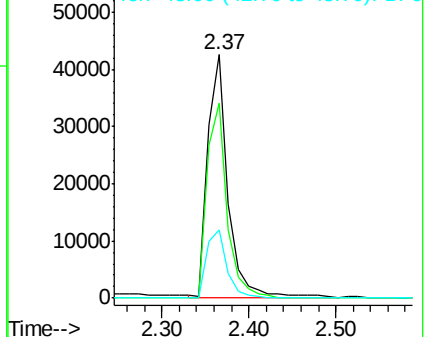
88 100

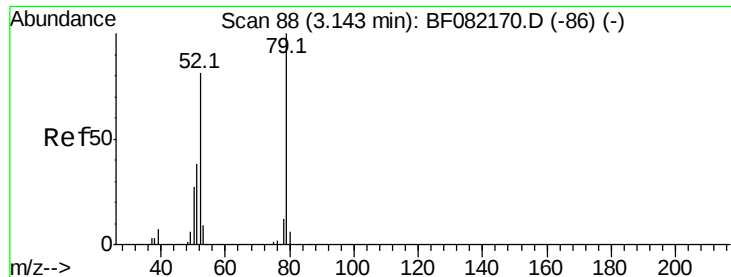
58 77.6 66.2 99.4

43 27.5 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: 42.33 ng

RT: 3.09 min Scan# 83

Delta R.T. -0.06 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

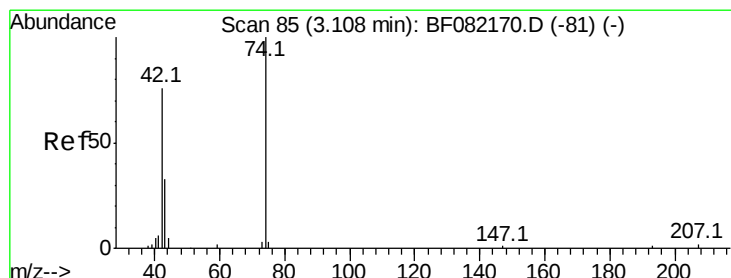
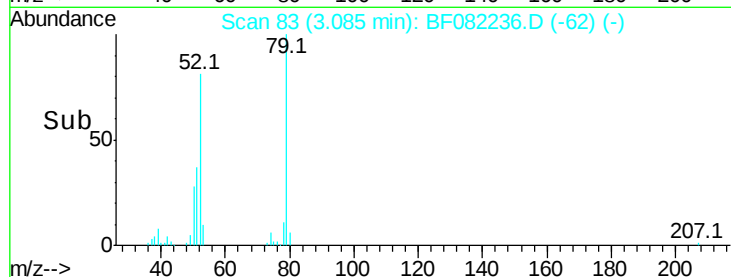
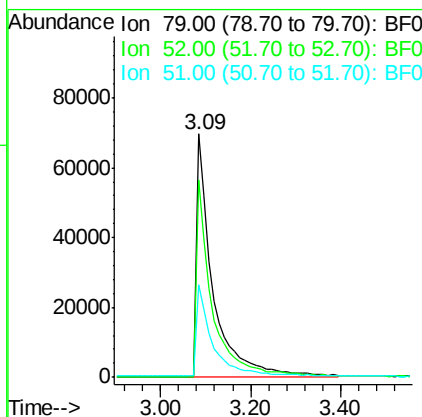
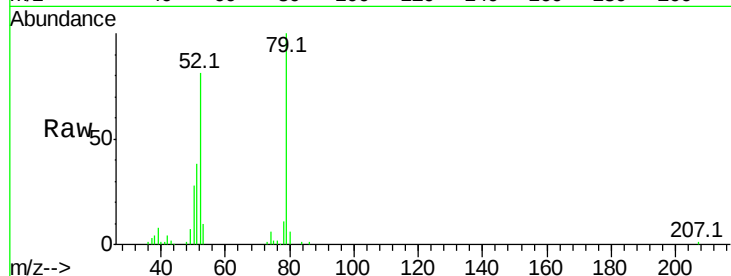
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	178607
Ion Ratio	Lower	Upper	
79	100		
52	81.1	64.4	96.6
51	37.9	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.32 ng

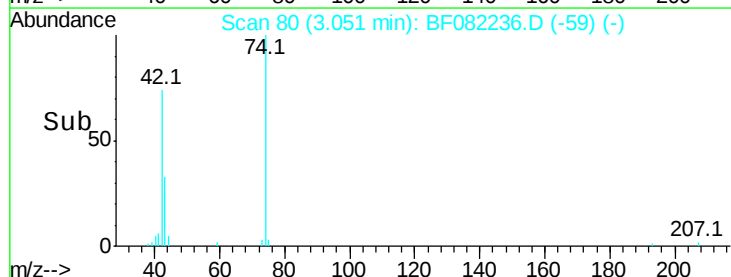
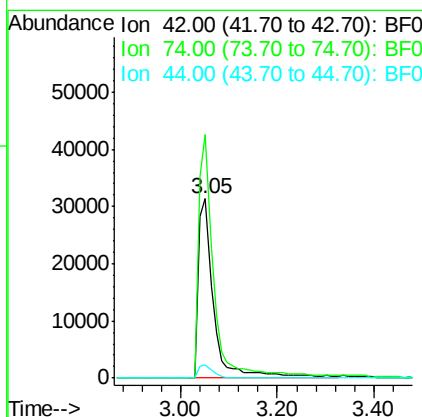
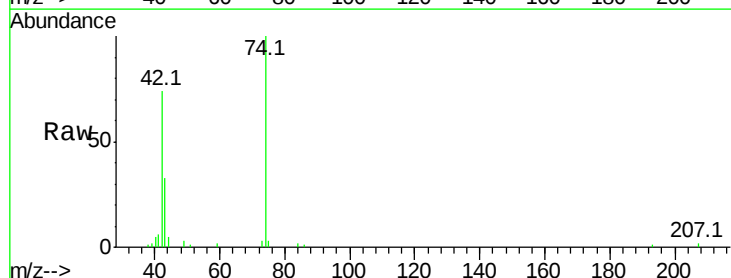
RT: 3.05 min Scan# 80

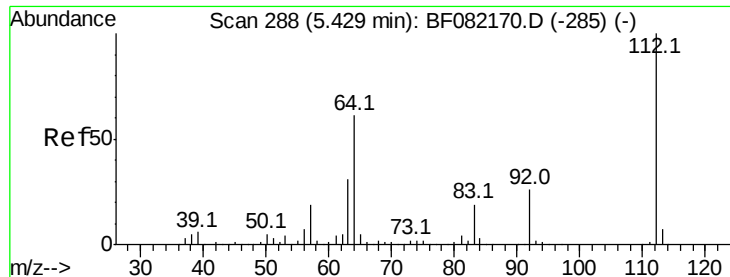
Delta R.T. -0.06 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	42	Resp:	70359
Ion Ratio	Lower	Upper	
42	100		
74	135.8	105.7	158.5
44	7.2	5.4	8.2





#5

2-Fluorophenol

Concen: 80.55 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

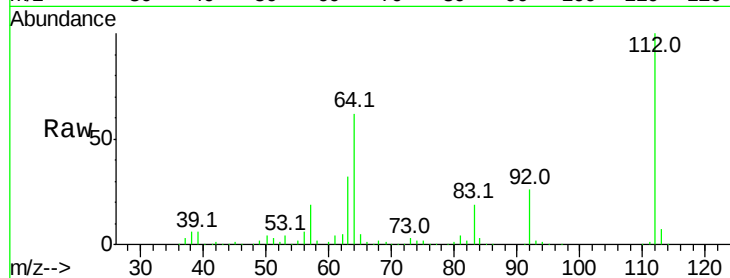
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	290827
Ion Ratio	Lower	Upper	
112	100		
64	61.9	48.6	73.0
63	32.5	25.1	37.7

Manual Integrations
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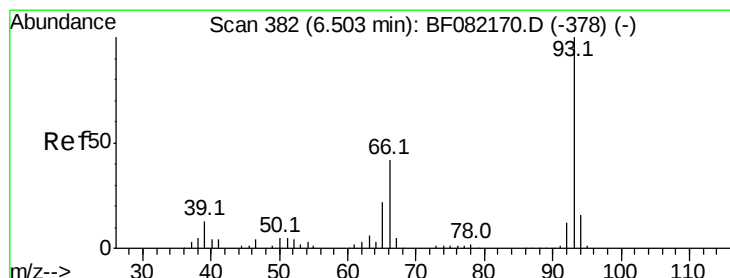
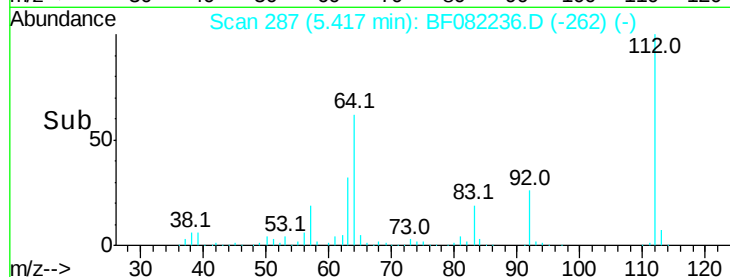
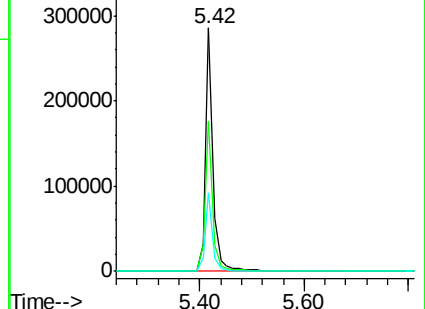
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.65 ng

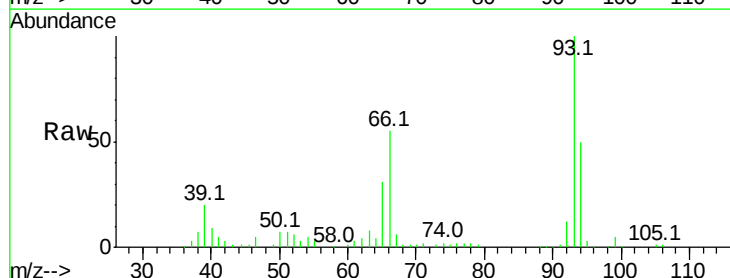
RT: 6.49 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

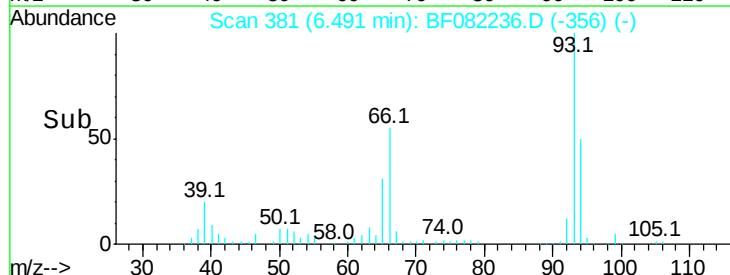
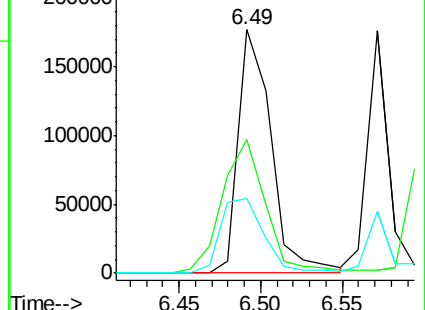
Tgt Ion:	93	Resp:	246210
Ion Ratio	Lower	Upper	
93	100		
66	54.8	34.2	51.2#
65	30.7	17.9	26.9#

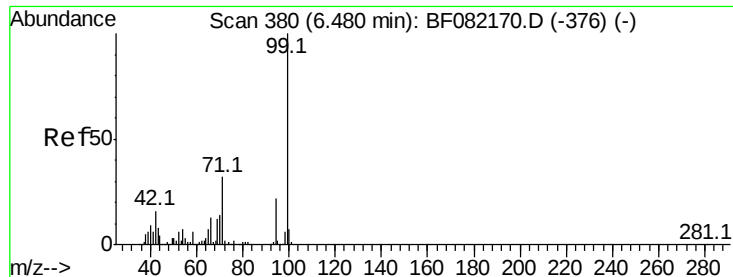


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.65 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

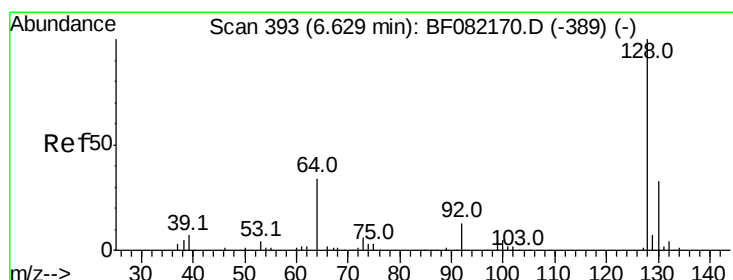
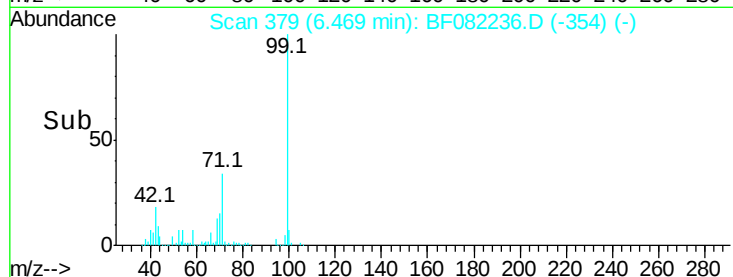
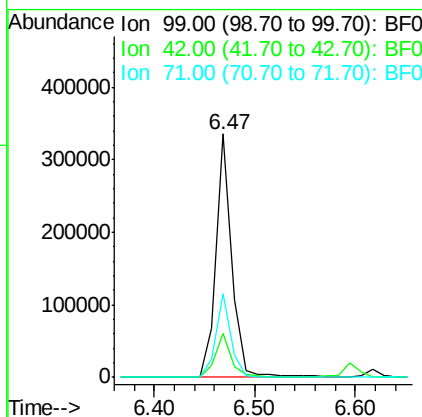
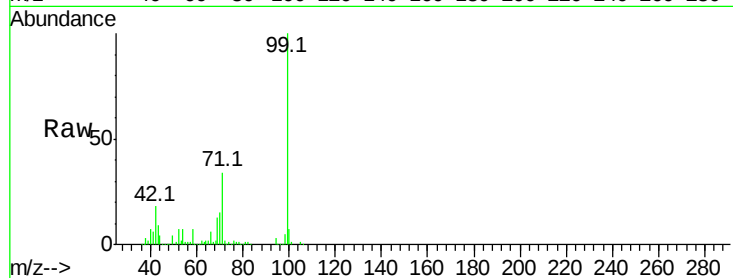
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	369497
Ion Ratio	Lower	Upper	
99	100		
42	18.1	13.2	19.8
71	34.2	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.41 ng

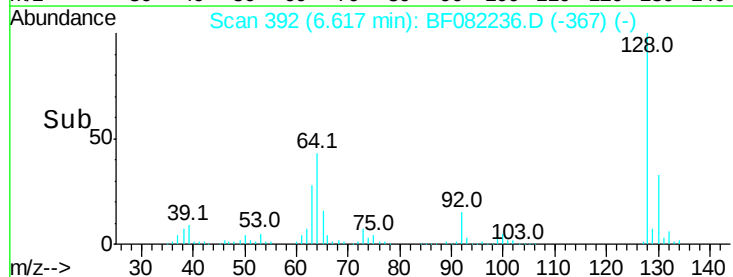
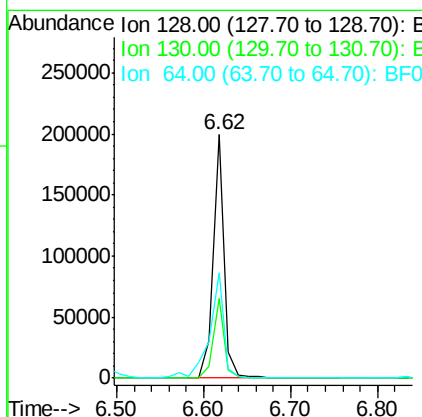
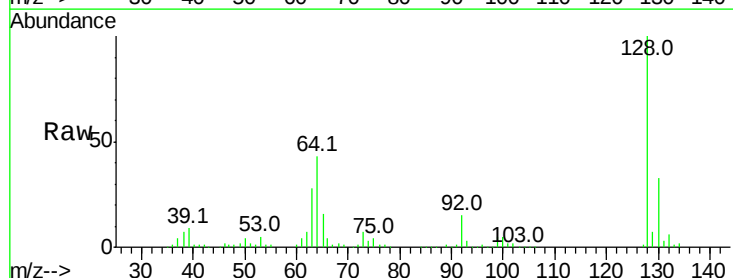
RT: 6.62 min Scan# 392

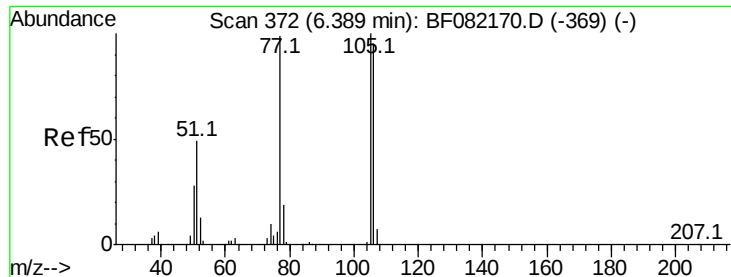
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	128	Resp:	178109
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.6	52.6
64	43.1	16.7	56.7





#9

Benzaldehyde

Concen: 39.93 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

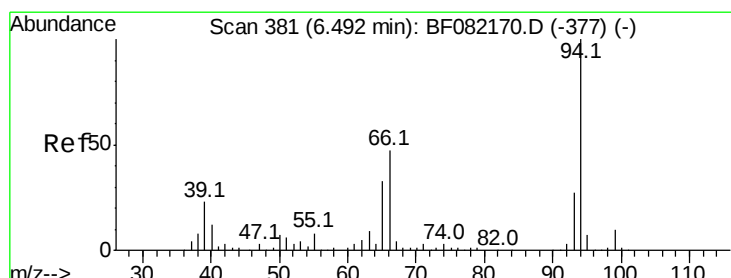
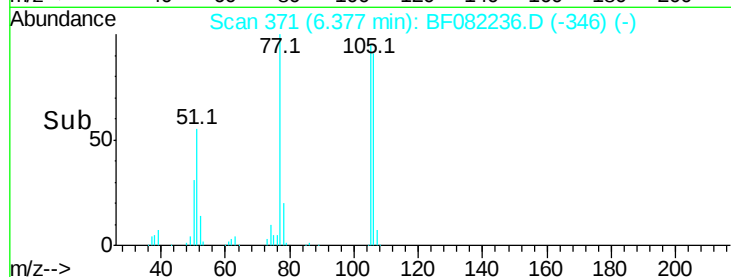
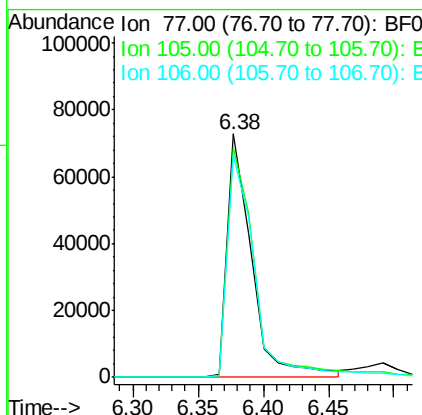
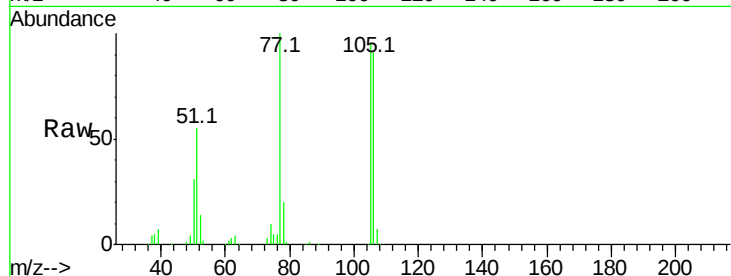
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	95793
Ion Ratio	Lower	Upper	
77	100		
105	94.5	80.6	120.6
106	91.3	75.5	115.5

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#10

Phenol

Concen: 36.10 ng

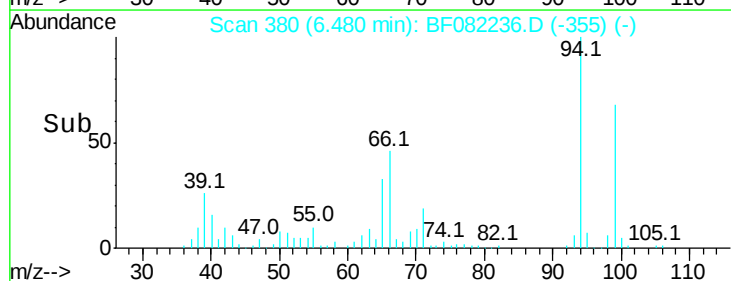
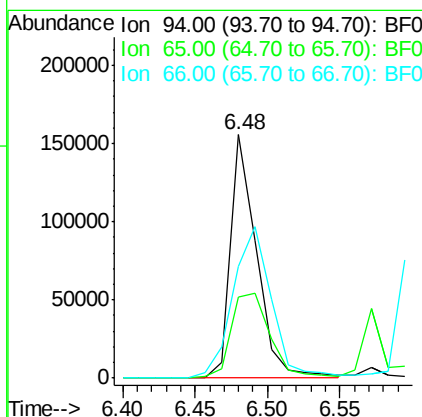
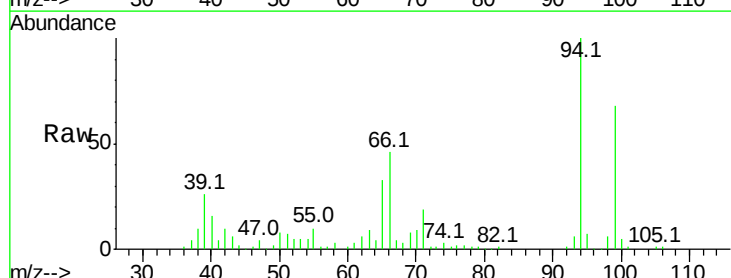
RT: 6.48 min Scan# 380

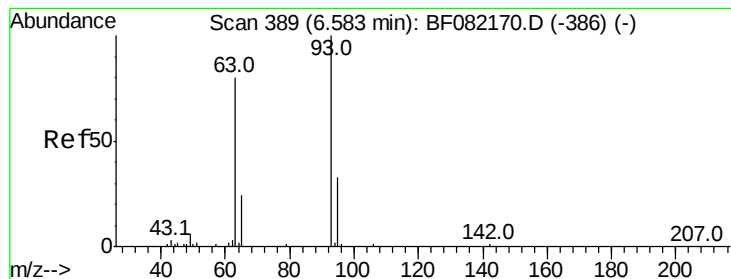
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	94	Resp:	195576
Ion Ratio	Lower	Upper	
94	100		
65	33.0	12.6	52.6
66	45.9	27.3	67.3





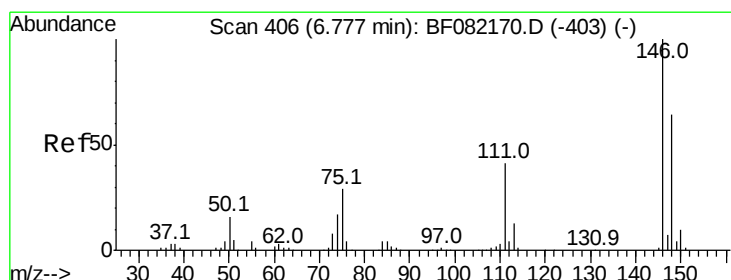
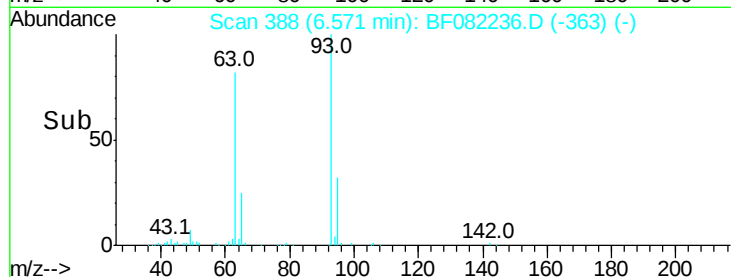
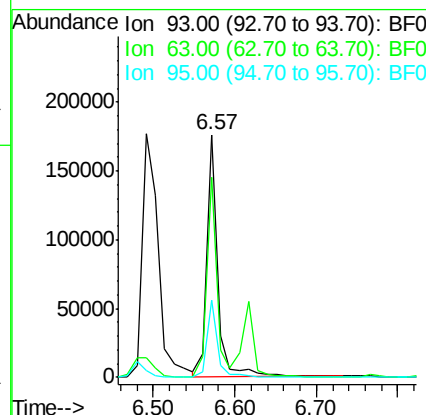
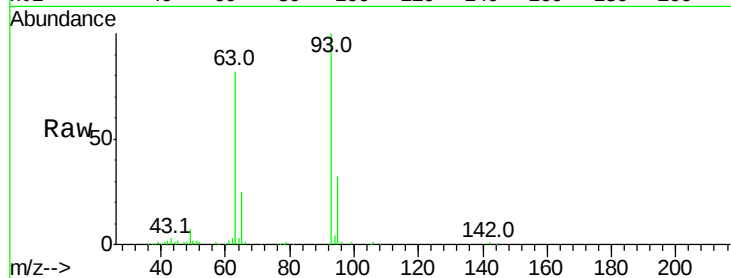
#11
bis(2-Chloroethyl)ether
Concen: 37.06 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169755		
63	82.4		57.1	97.1
95	31.7		11.9	51.9

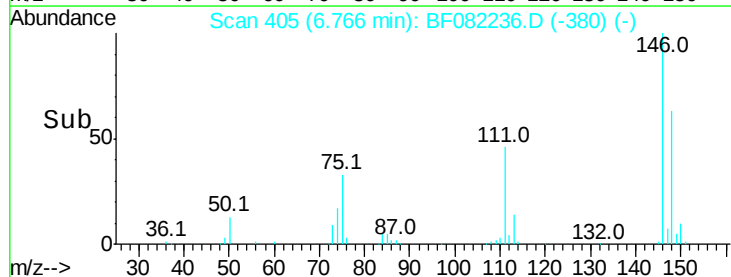
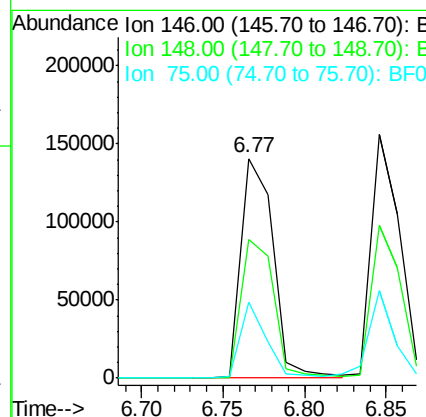
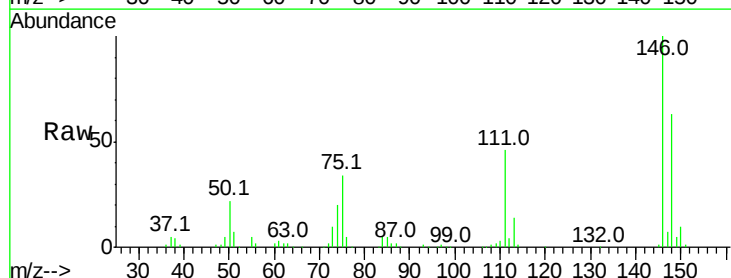
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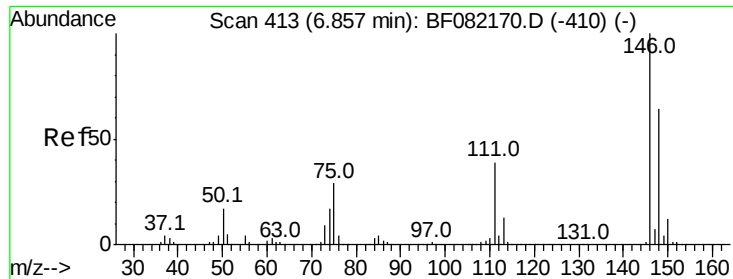
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 37.26 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	191267		
148	63.1		51.4	77.2
75	34.4		23.0	34.6





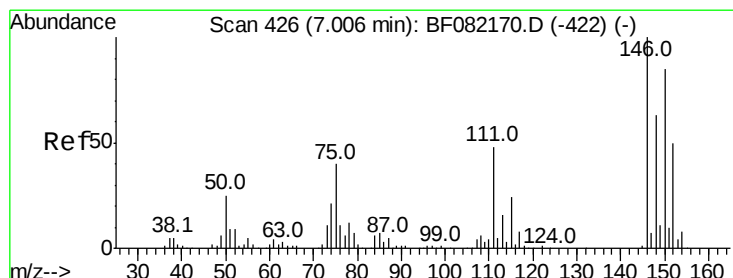
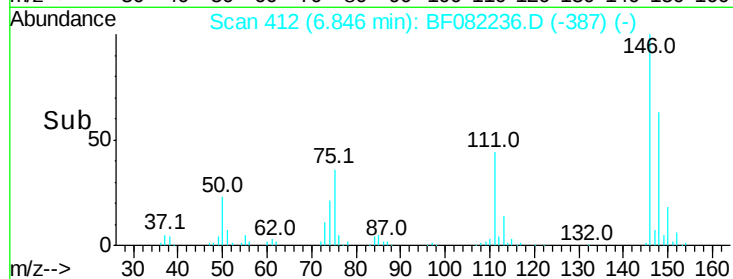
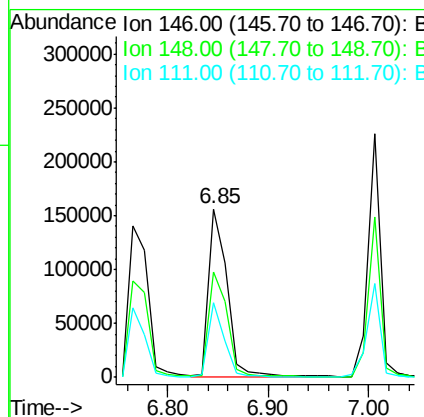
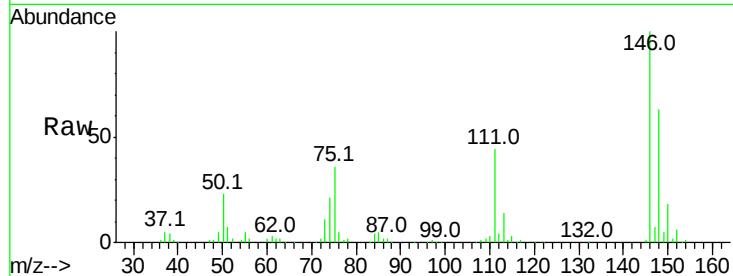
#13
 1,4-Dichlorobenzene
 Concen: 37.42 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	63.0	51.0	76.4
111	44.2	31.1	46.7

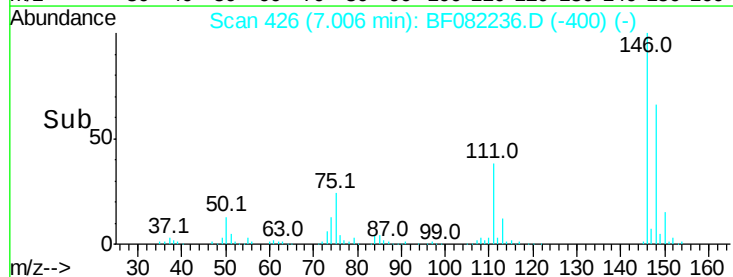
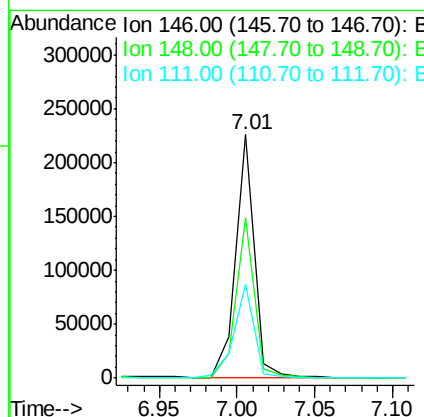
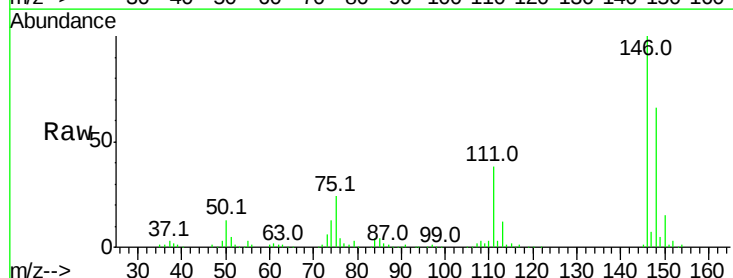
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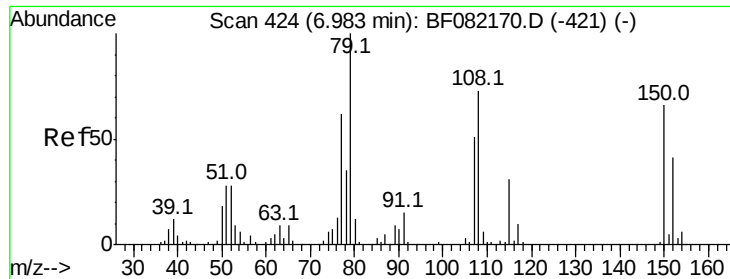
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 38.49 ng m
 RT: 7.01 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.7	50.5	75.7
111	38.4	38.5	57.7#





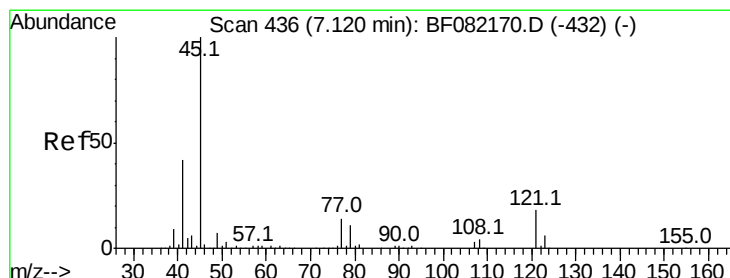
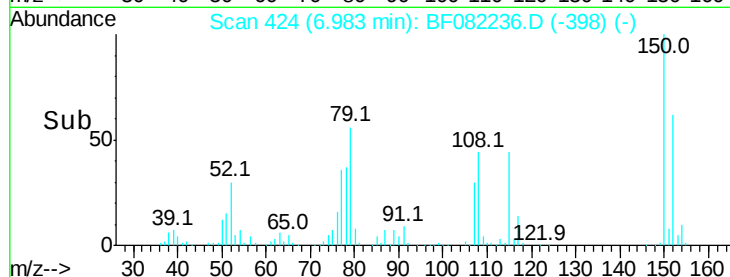
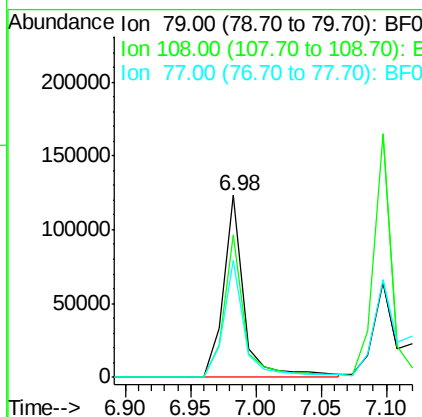
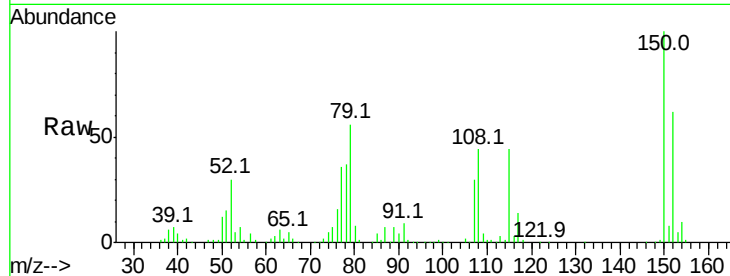
#15
Benzyl Alcohol
Concen: 42.36 ng
RT: 6.98 min Scan# 424
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	58.4	87.6
77	64.0	49.8	74.6

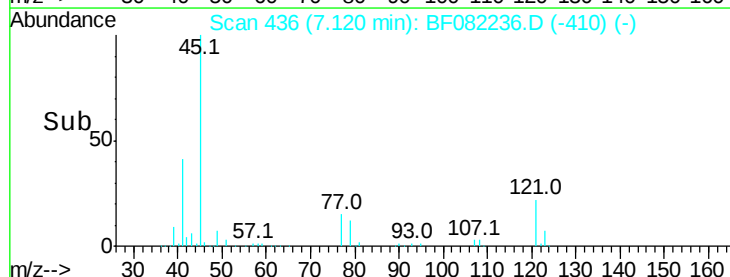
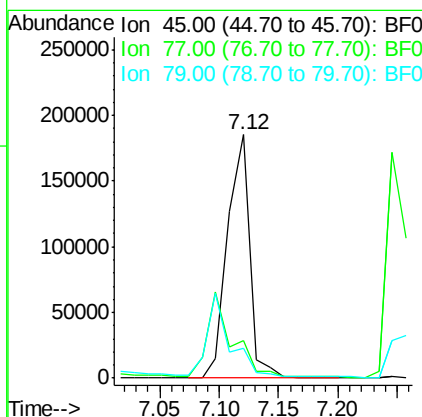
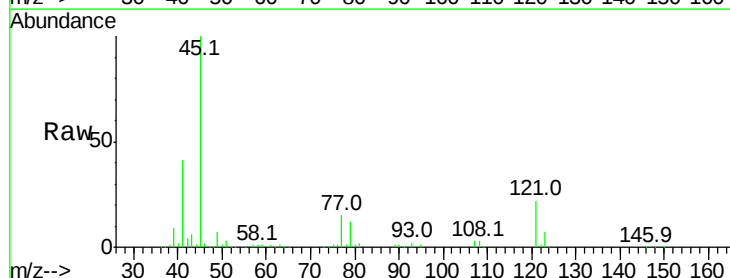
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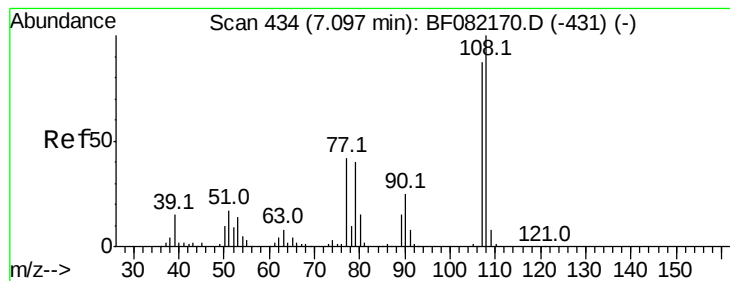
MMdadoda
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.85 ng
RT: 7.12 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	34.5
79	12.3	0.0	31.6





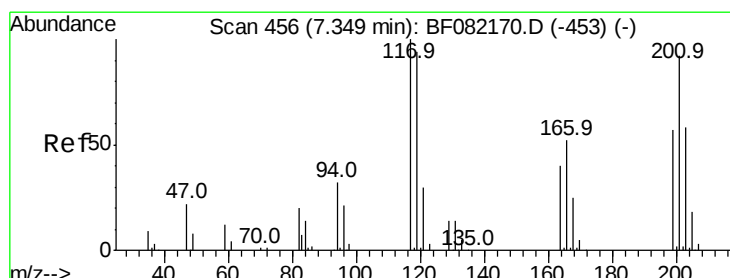
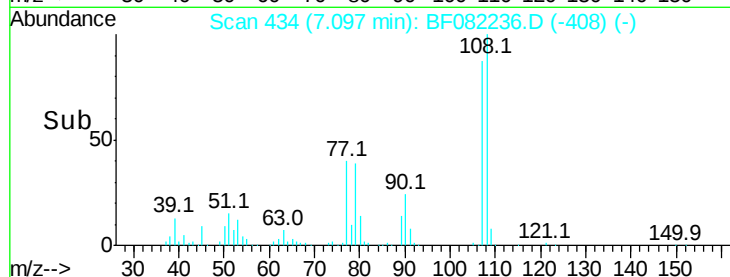
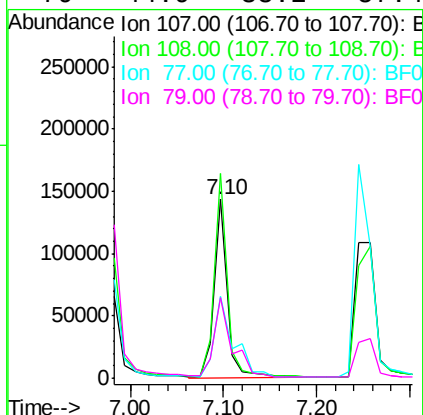
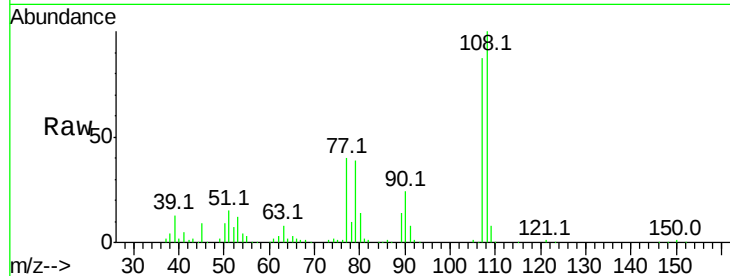
#17
2-Methylphenol
Concen: 40.44 ng
RT: 7.10 min Scan# 434
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	140945		
108	108	114.8	92.2	138.2	
77	77	46.0	39.6	59.4	
79	79	44.9	38.2	57.4	

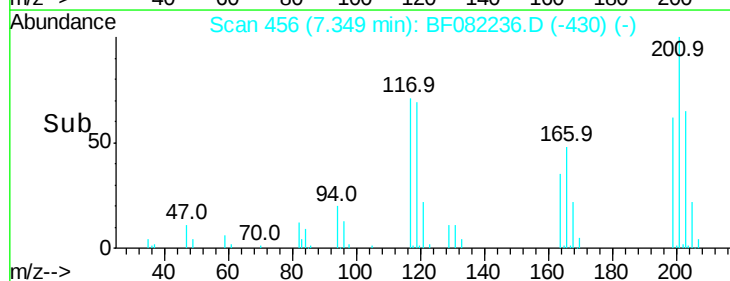
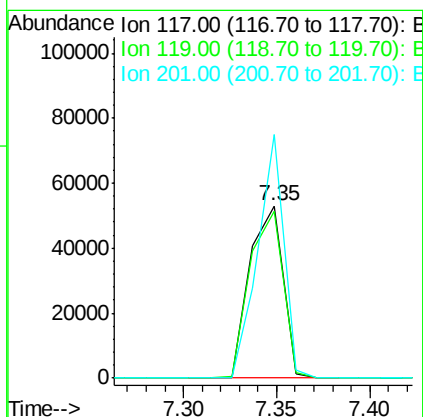
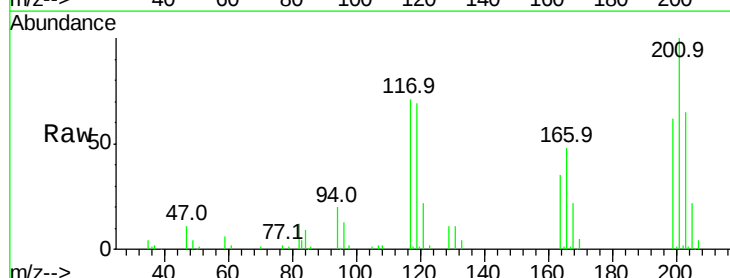
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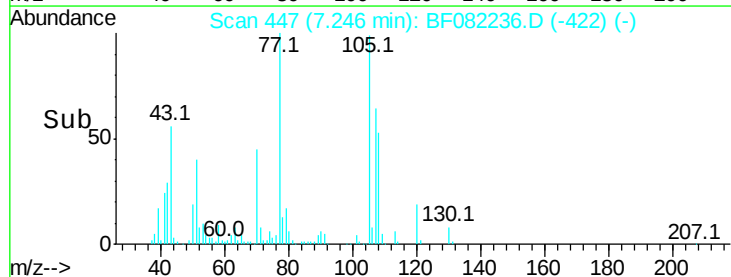
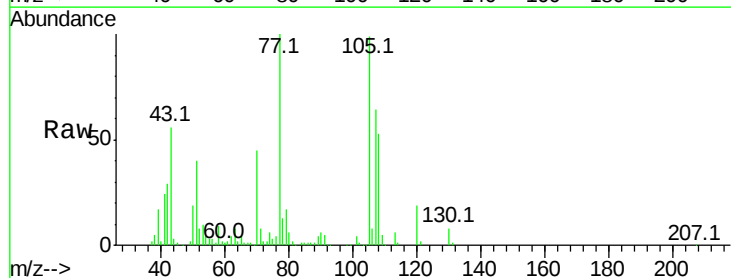
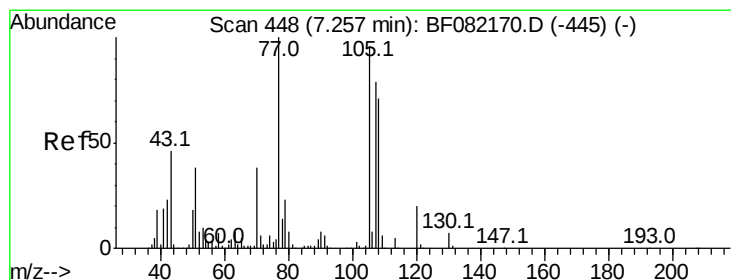
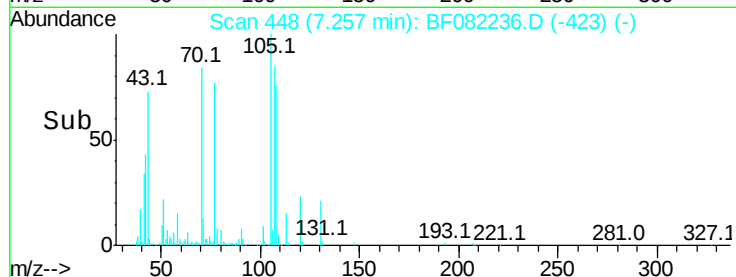
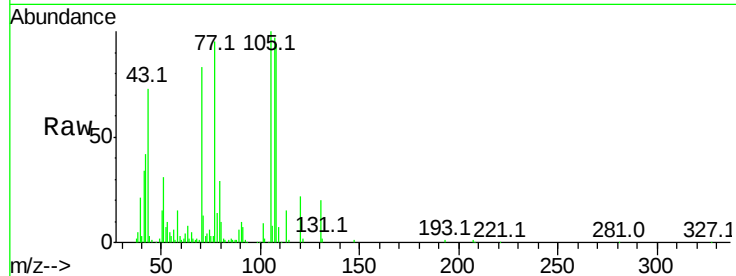
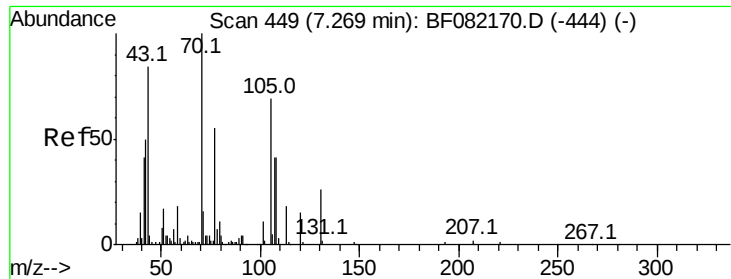
MMdadoda
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#18
Hexachloroethane
Concen: 35.76 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	65616		
119	119	97.1	75.4	113.2	
201	201	141.3	73.4	110.0#	





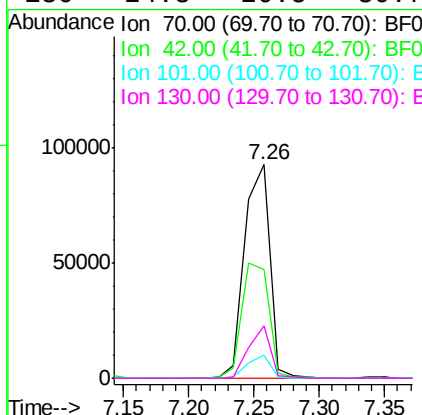
#19
n-Nitroso-di-n-propylamine
Concen: 37.78 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		124667		
42	50.8	39.8	59.8		
101	10.6	8.6	13.0		
130	24.8	20.5	30.7		

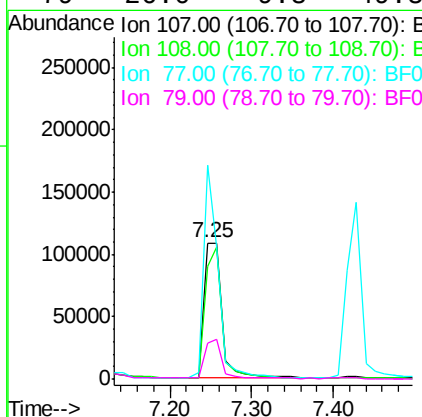
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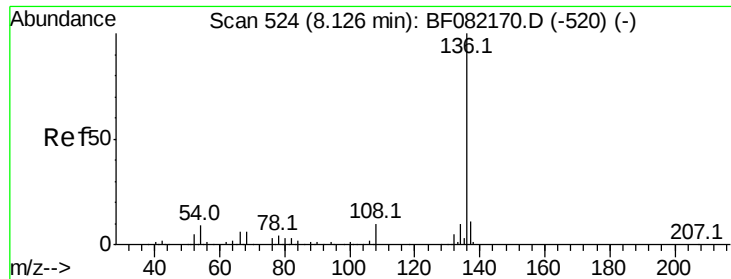
MMdadoda
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#20
3+4-Methylphenols
Concen: 40.85 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		169676		
108	82.9	69.9	109.9		
77	157.1	106.0	146.0#		
79	26.0	9.8	49.8		





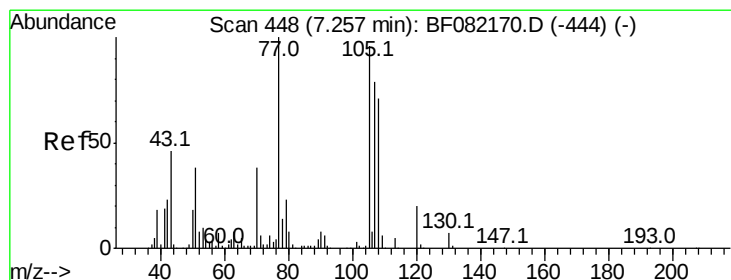
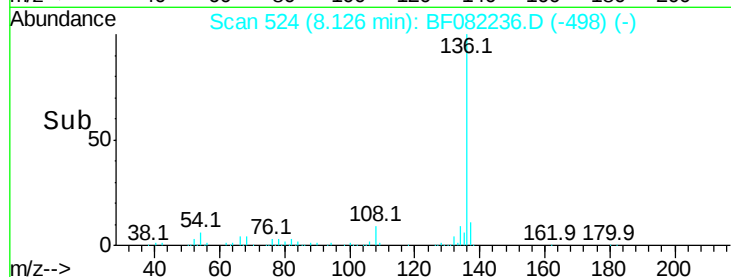
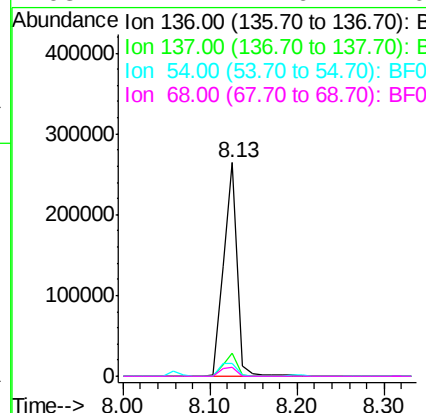
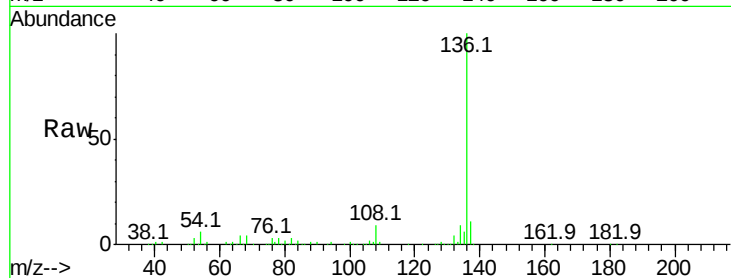
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	7.5	11.3#
68	4.1	4.6	7.0#

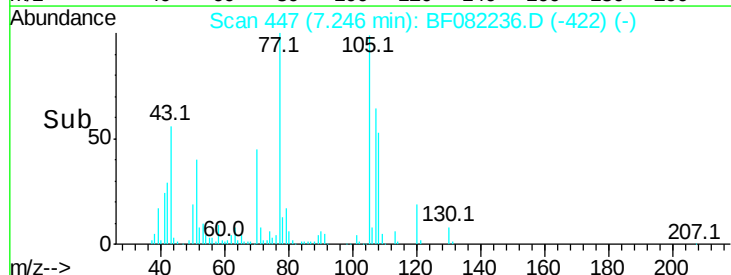
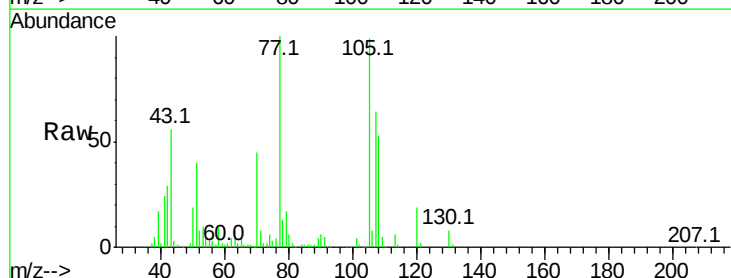
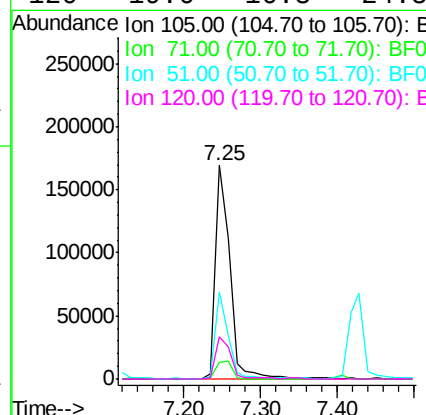
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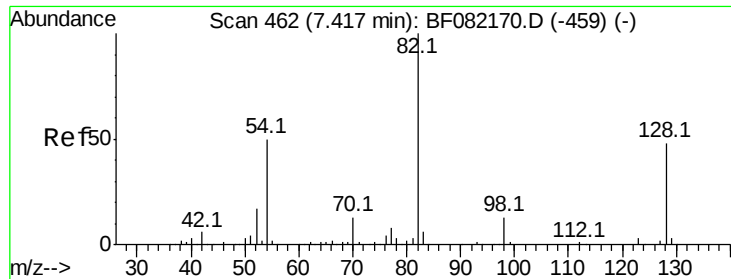
MMdadoda
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#22
Acetophenone
Concen: 38.42 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.7	5.4	8.0
51	40.6	31.8	47.6
120	19.6	16.3	24.5





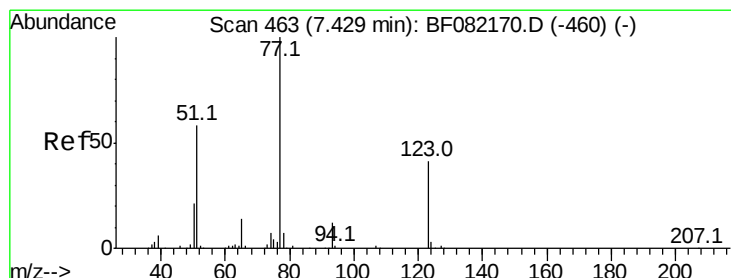
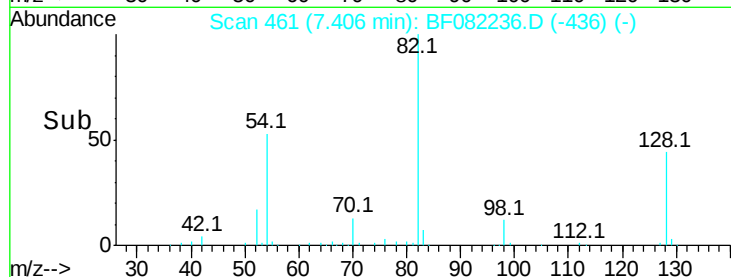
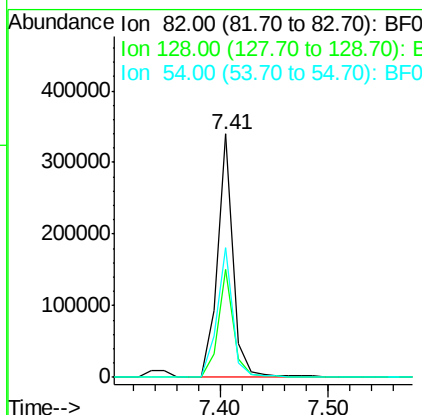
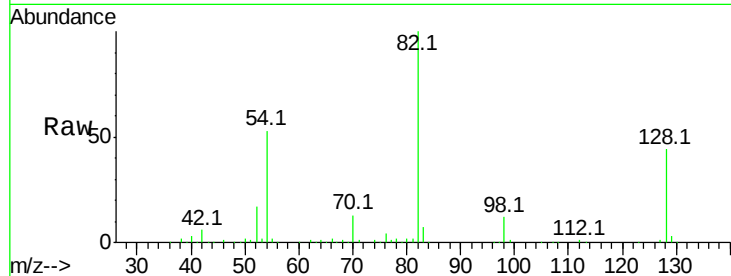
#23
Nitrobenzene-d5
Concen: 79.70 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	38.7	58.1
54	53.2	40.1	60.1

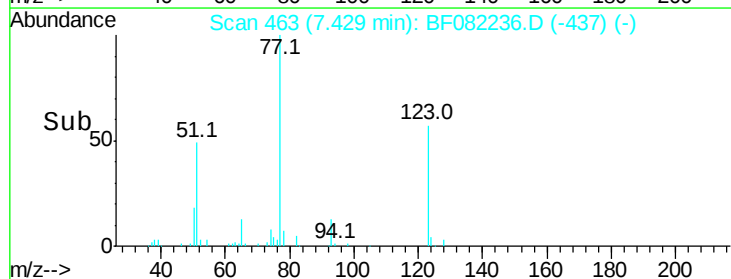
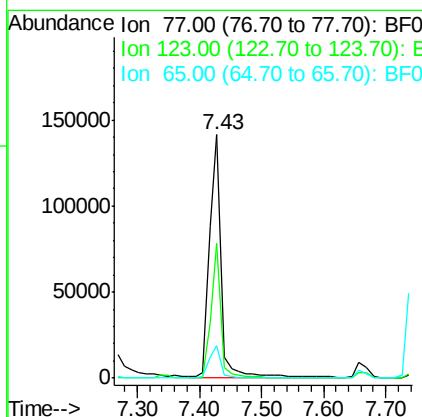
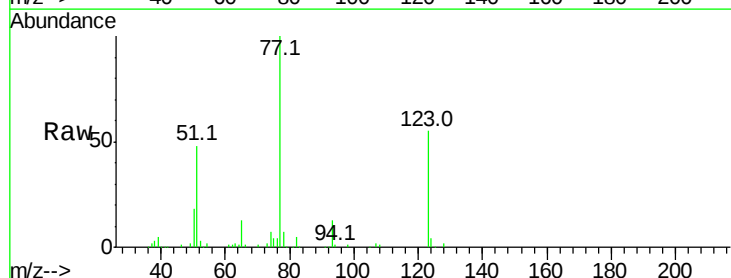
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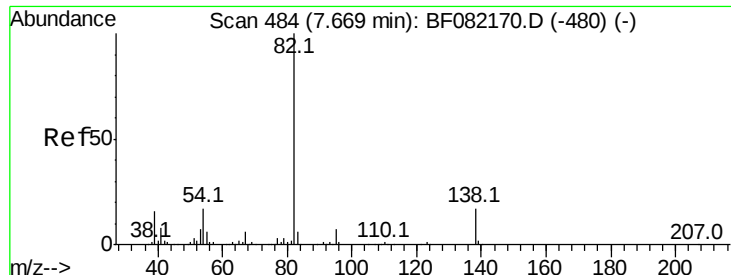
MMdadoda
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#24
Nitrobenzene
Concen: 38.28 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.5	33.0	49.4#
65	13.1	11.2	16.8





#25

Isophorone

Concen: 37.35 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

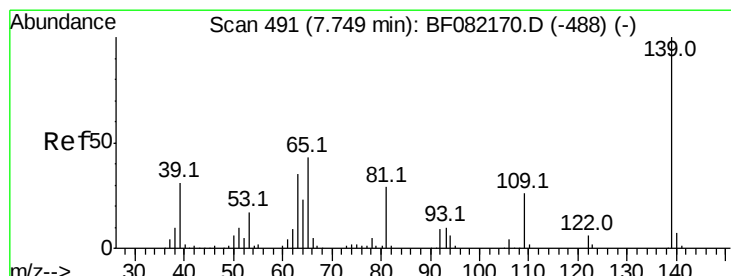
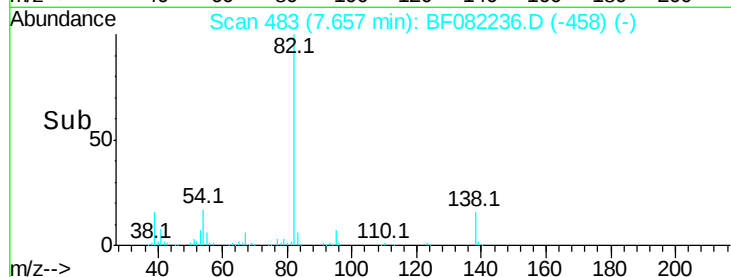
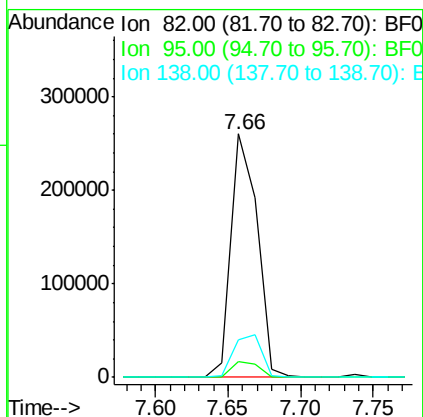
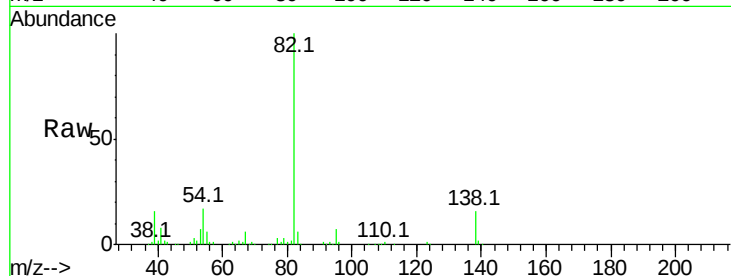
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	326923
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	15.7	13.6	20.4

Manual Integrations
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10/13/2015 1:25:03 PM



#26

2-Nitrophenol

Concen: 40.25 ng

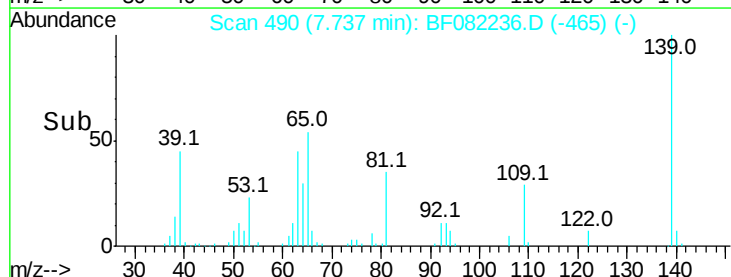
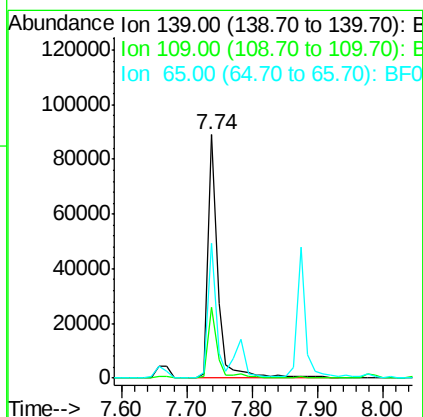
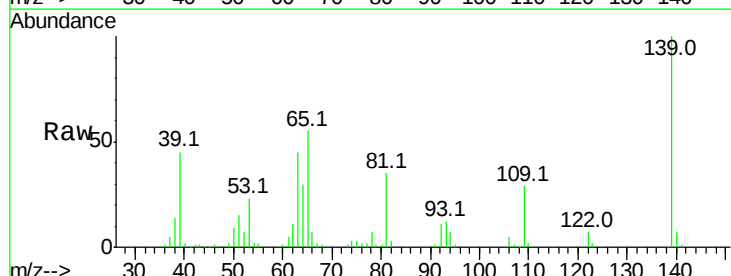
RT: 7.74 min Scan# 490

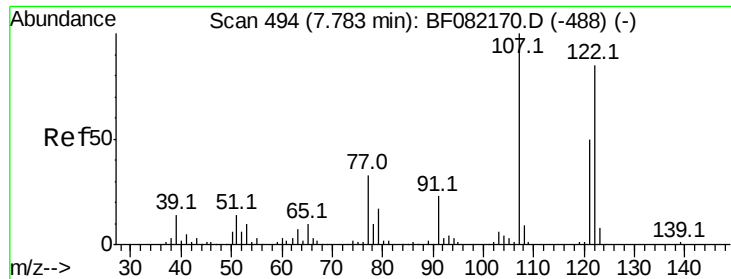
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	139	Resp:	94335
Ion Ratio	Lower	Upper	
139	100		
109	28.9	20.6	31.0
65	55.2	34.3	51.5#





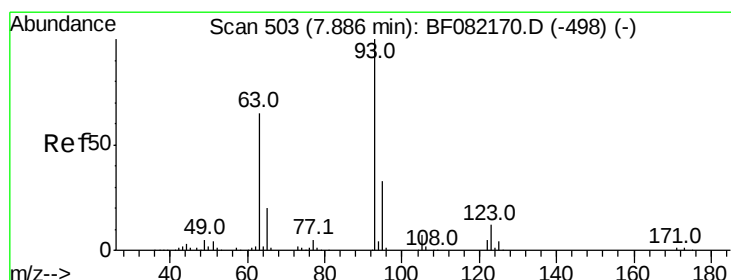
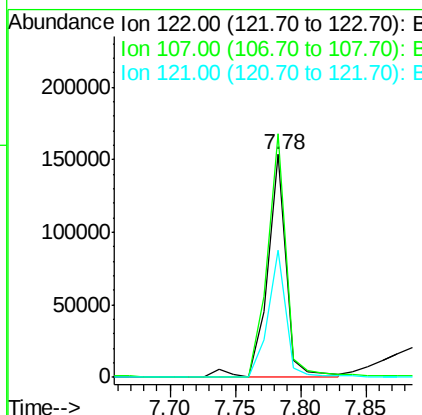
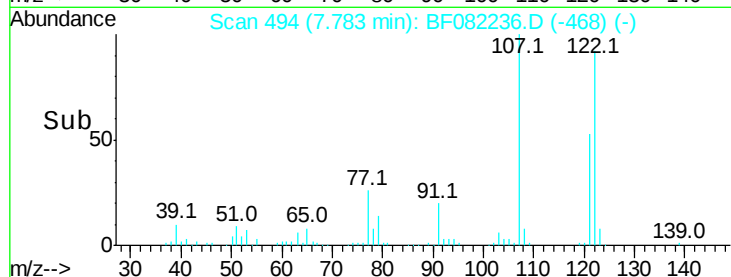
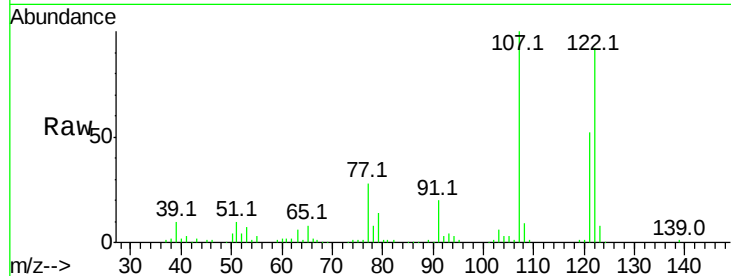
#27
2,4-Dimethylphenol
Concen: 41.24 ng
RT: 7.78 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	155727		
107	109.2	94.0	141.0	
121	57.2	46.8	70.2	

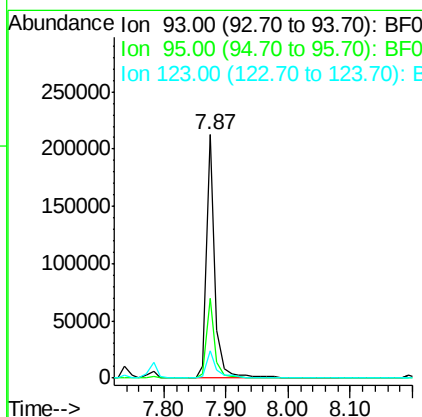
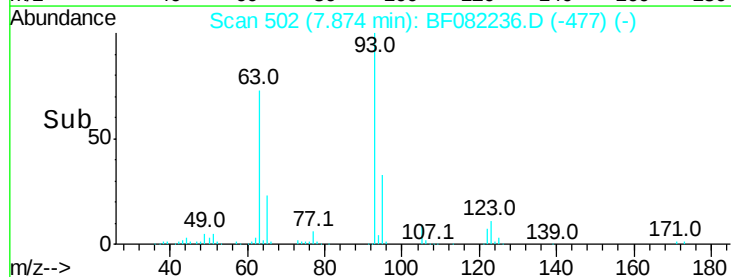
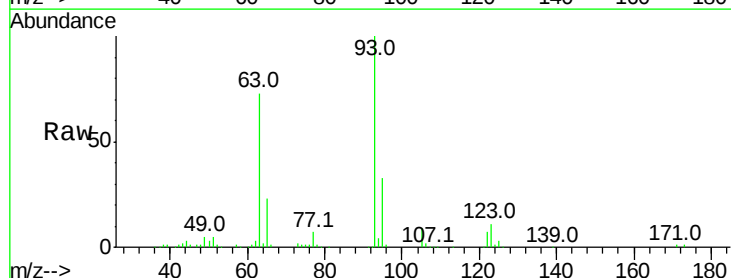
Manual Integrations
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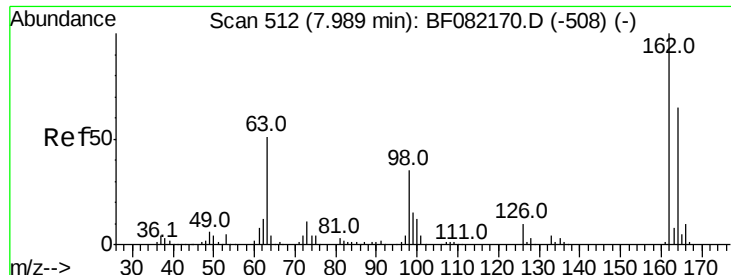
MMdadoda
10/13/2015 1:25:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.37 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	200507		
95	32.8	26.6	39.8	
123	11.0	9.5	14.3	





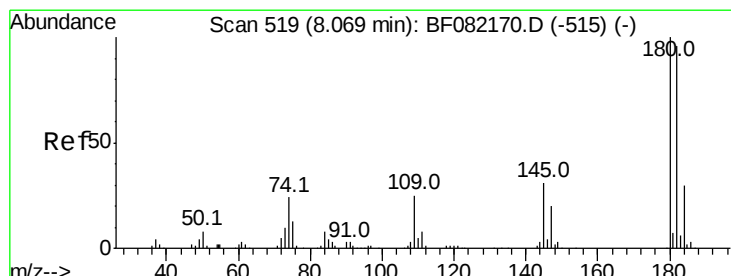
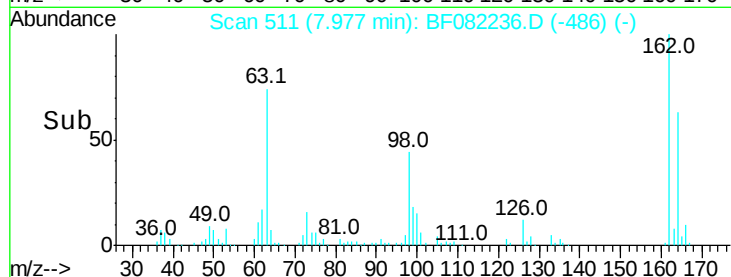
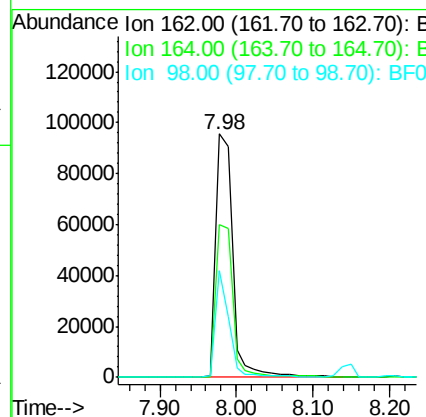
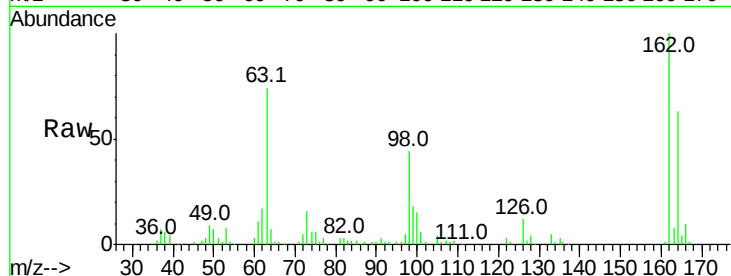
#29
2,4-Dichlorophenol
Concen: 38.87 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	44.6	84.6
98	44.0	15.0	55.0

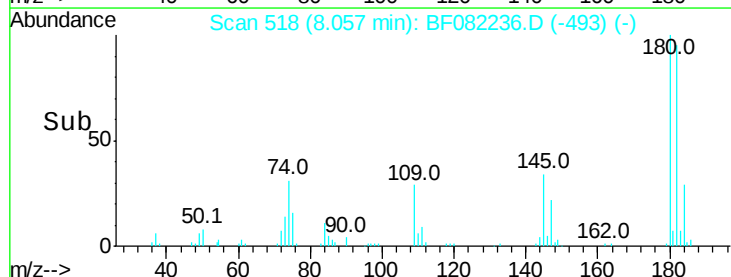
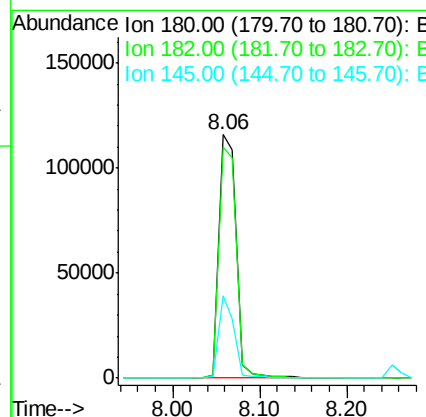
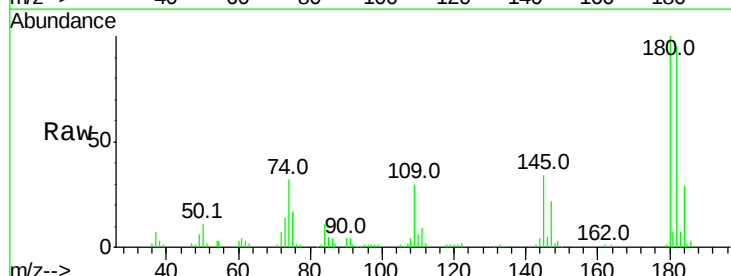
Manual Integrations
APPROVED

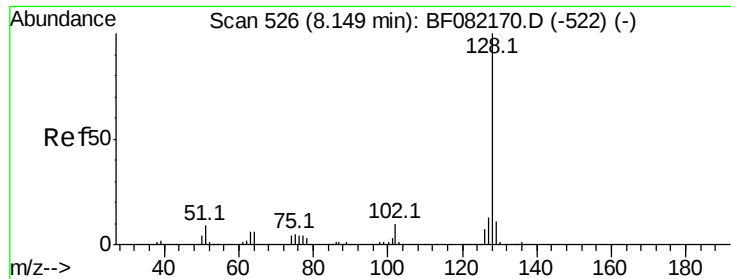
MMdadoda
10/13/2015 1:25:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 37.59 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	77.0	115.4
145	33.7	25.0	37.4





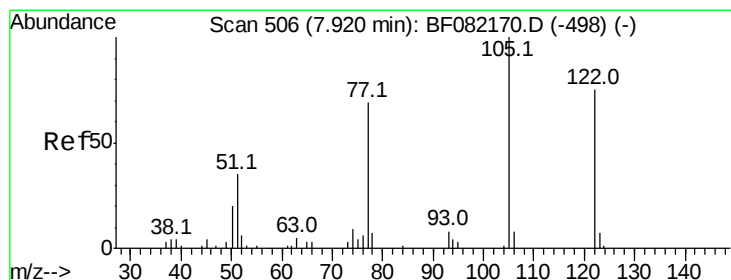
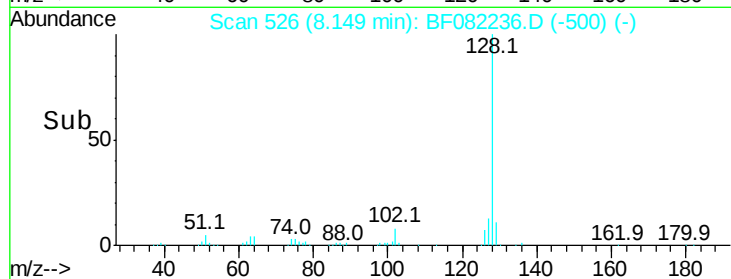
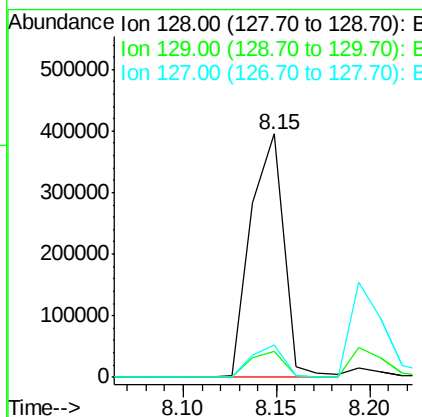
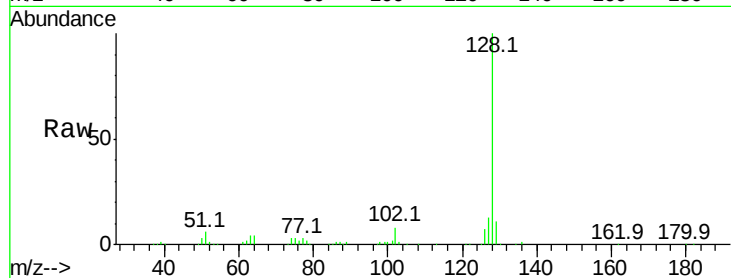
#31
Naphthalene
Concen: 38.57 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.1	13.7	
127	13.1	10.7	16.1	

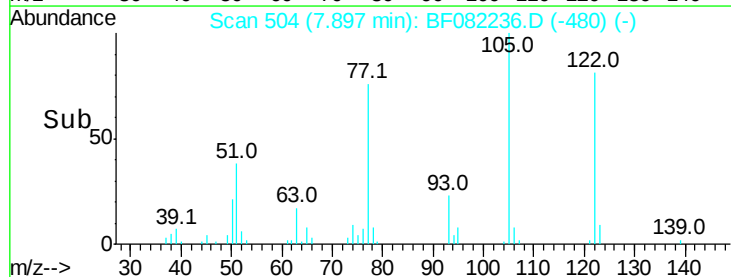
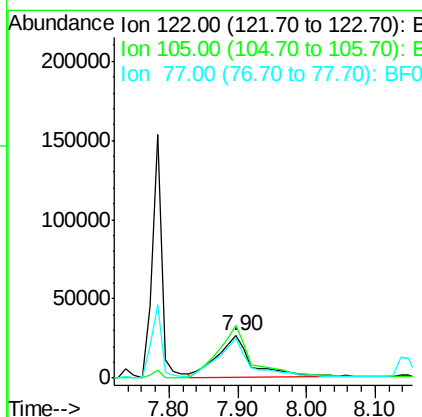
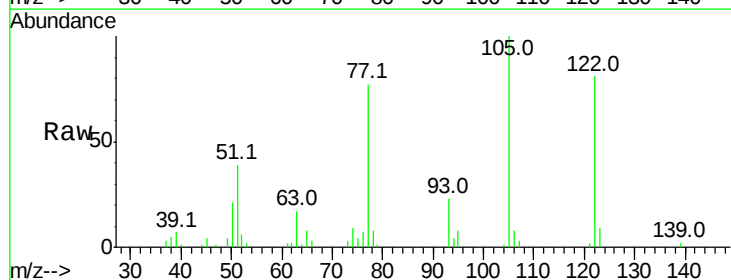
Manual Integrations
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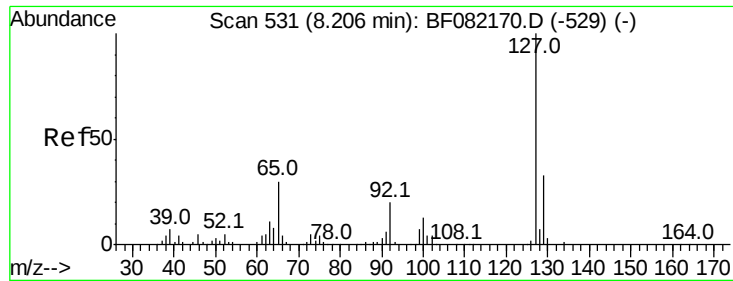
MMdadoda
10/13/2015 1:25:03 PM



#32
Benzoic acid
Concen: 35.82 ng
RT: 7.90 min Scan# 504
Delta R.T. -0.02 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.4	104.4	144.4	
77	95.4	69.0	109.0	





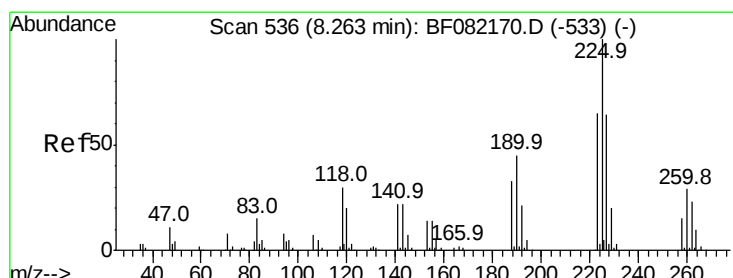
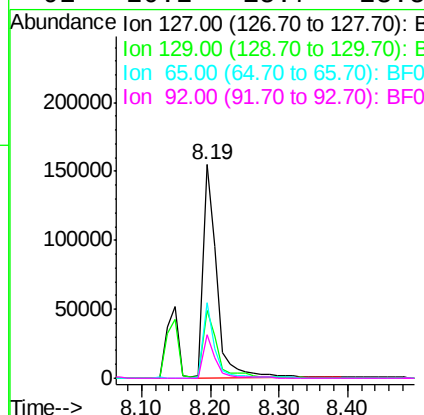
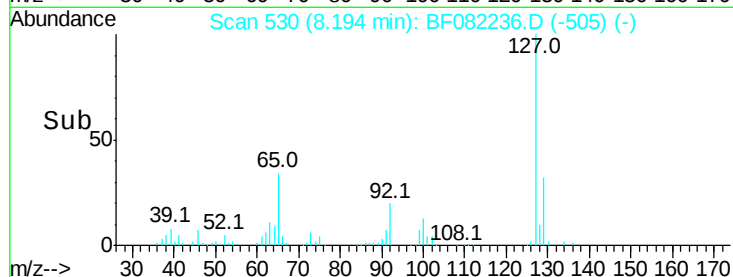
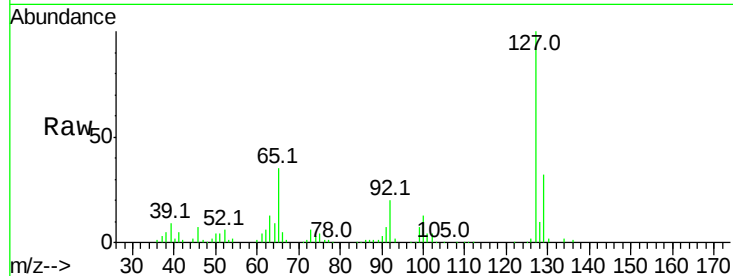
#33
4-Chloroaniline
Concen: 40.01 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	31.6	26.3	39.5
65	35.1	24.4	36.6
92	20.2	15.7	23.5

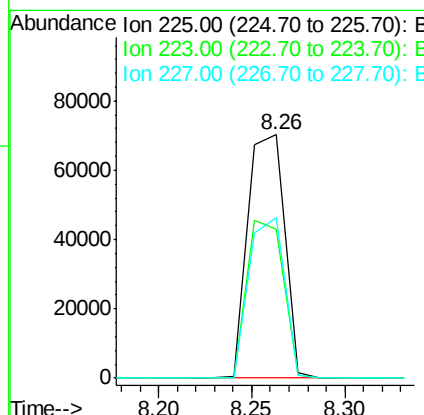
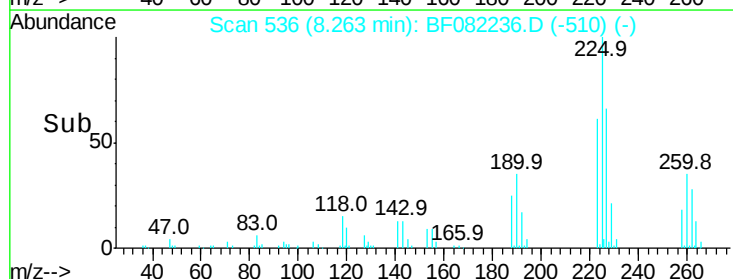
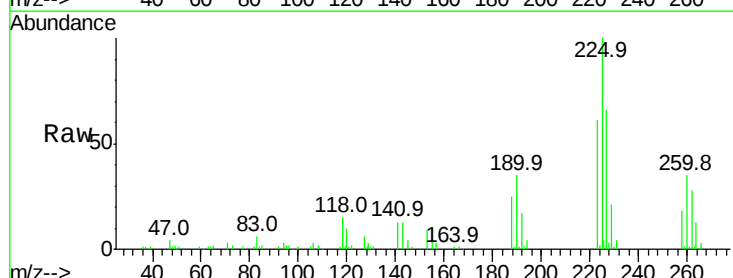
Manual Integrations
APPROVED

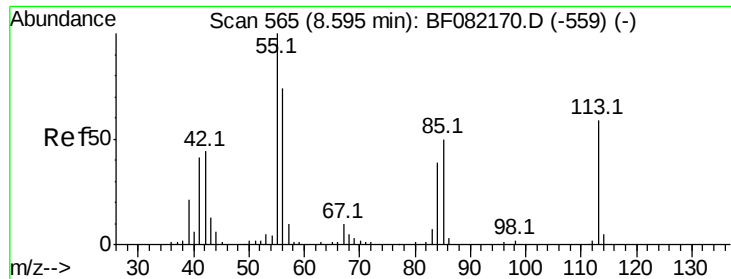
MMdadoda
10/13/2015 1:25:03 PM



#34
Hexachlorobutadiene
Concen: 35.34 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.4	52.2	78.2
227	66.1	51.3	76.9





#35

Caprolactam

Concen: 42.70 ng

RT: 8.57 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

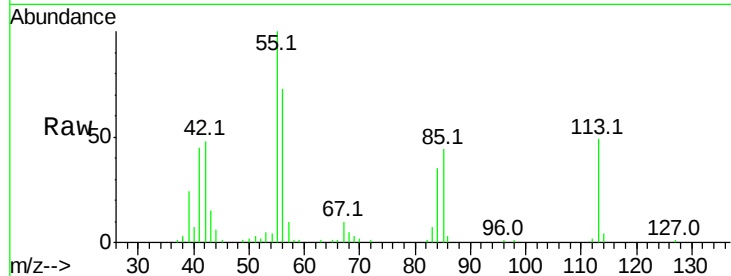
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	46783
Ion Ratio	Lower	Upper	
113	100		
55	204.7	149.7	189.7#
56	149.6	105.4	145.4#

Manual Integrations
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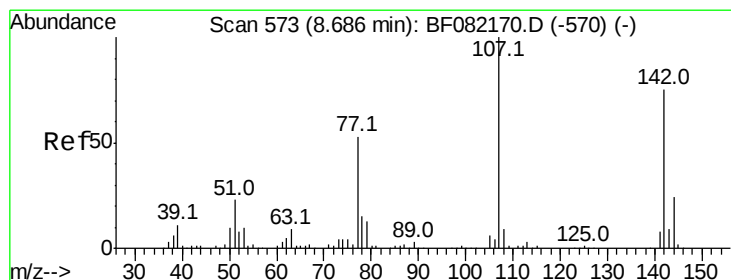
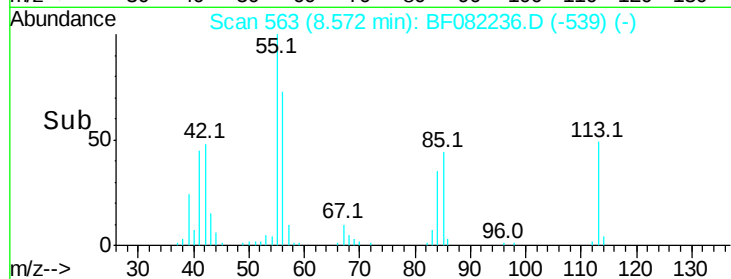
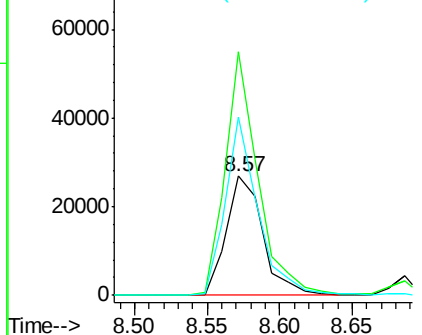
MMdadoda
10/13/2015 1:25:03 PM



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: 42.72 ng

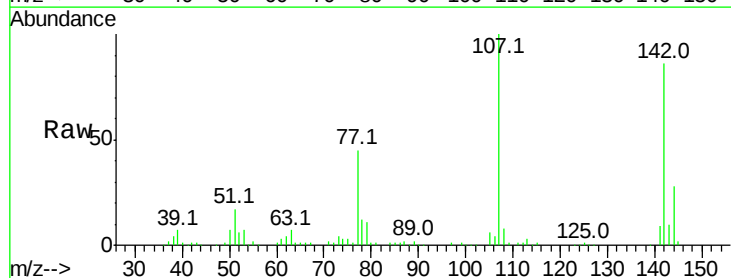
RT: 8.69 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

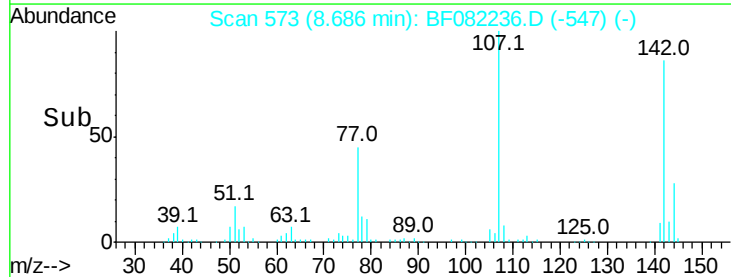
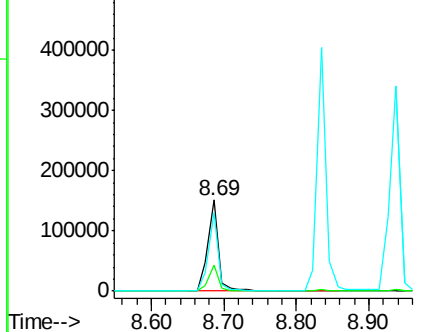
Tgt Ion:	107	Resp:	157722
Ion Ratio	Lower	Upper	
107	100		
144	28.0	19.3	28.9
142	85.9	59.9	89.9

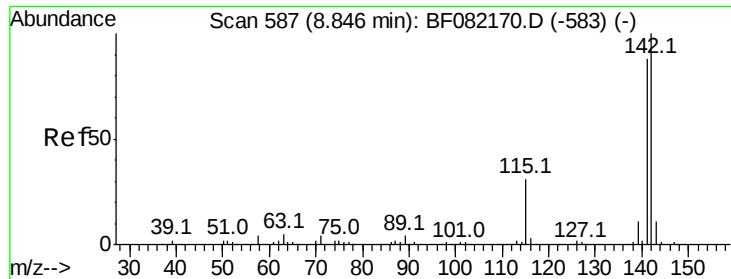


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





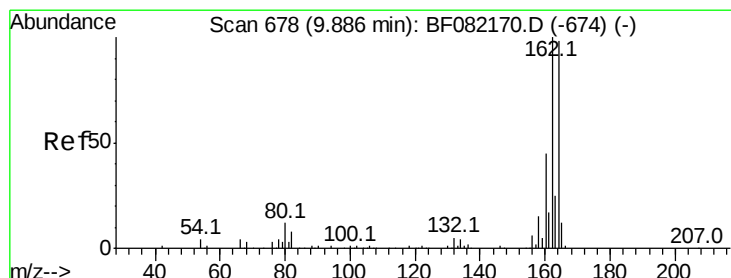
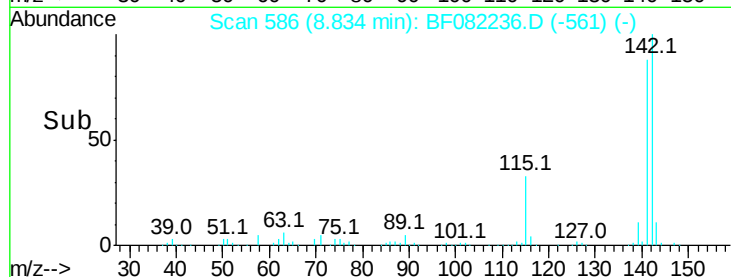
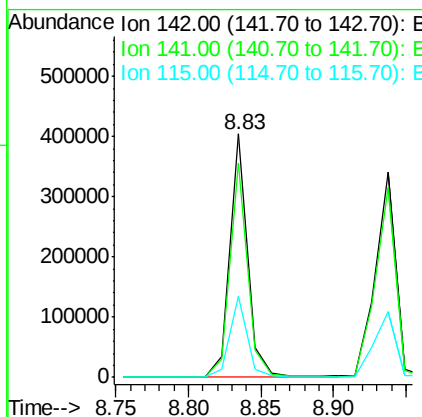
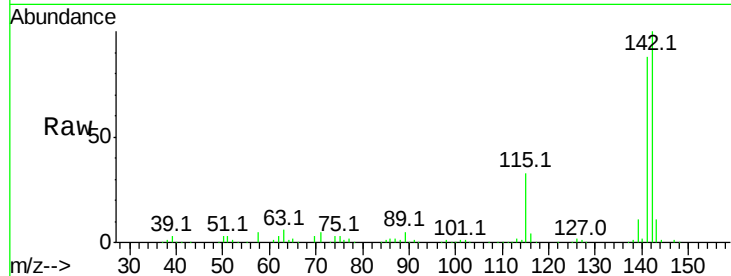
#37
2-Methylnaphthalene
Concen: 39.50 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	345692		
141	88.1	70.4	105.6	
115	33.3	24.6	37.0	

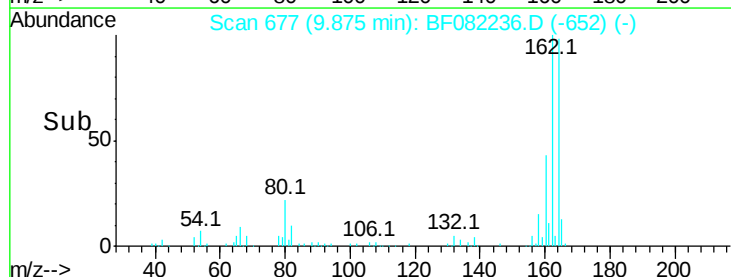
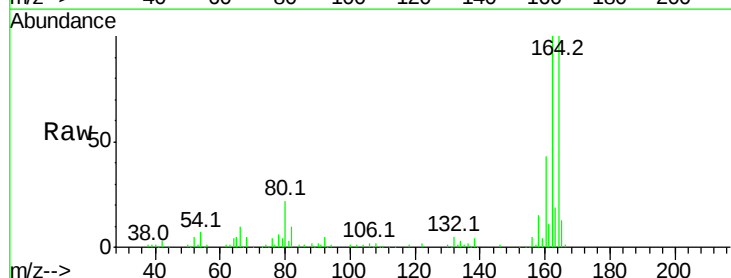
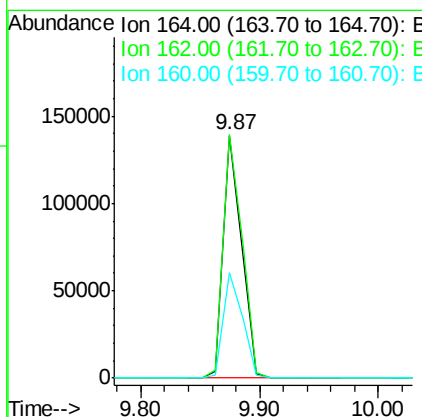
Manual Integrations
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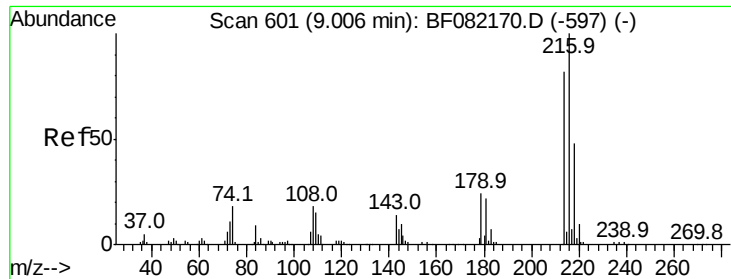
MMdadoda
10/13/2015 1:25:03 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	146985		
162	100.4	81.6	122.4	
160	43.4	36.4	54.6	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.20 ng

RT: 9.01 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

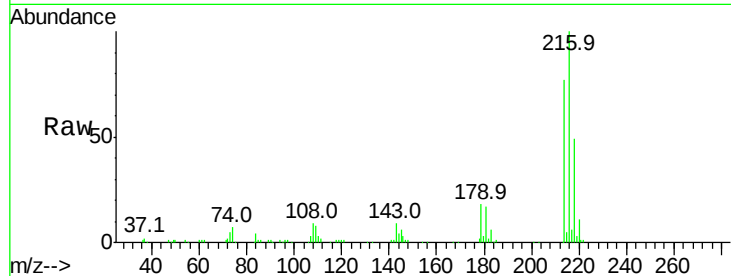
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	167000		
214	78.4	64.6	97.0	
179	20.2	17.6	26.4	
108	15.6	14.5	21.7	

Manual Integrations
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MMdadoda
10/13/2015 1:25:03 PM

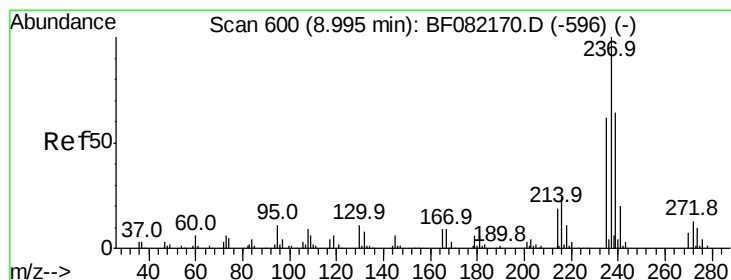
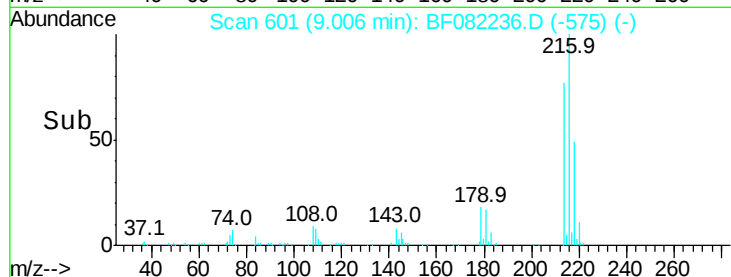
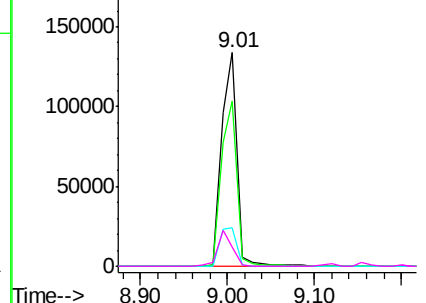


Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.33 ng

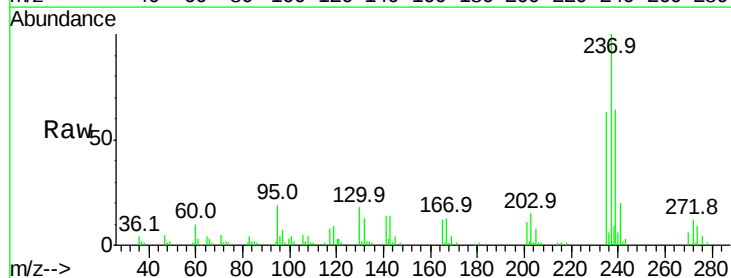
RT: 8.98 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

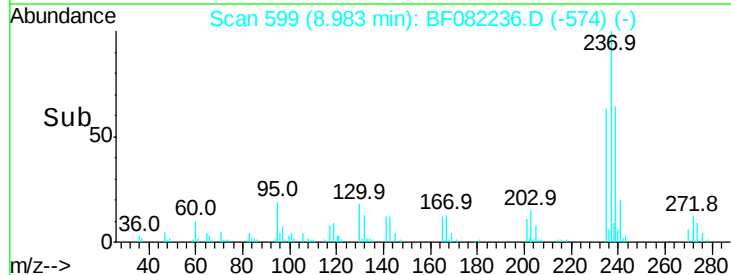
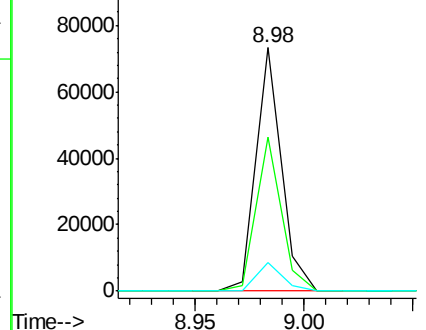
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	59318		
235	63.5	41.7	81.7	
272	11.8	0.0	32.8	

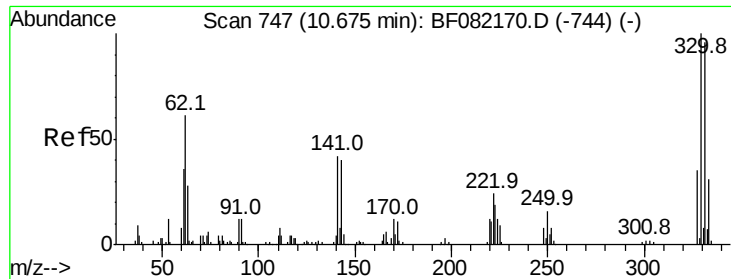


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





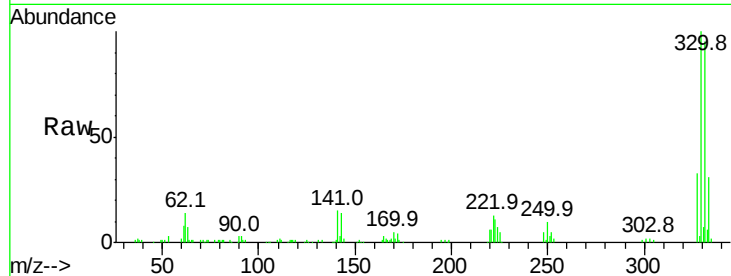
#41
 2,4,6-Tribromophenol
 Concen: 85.27 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

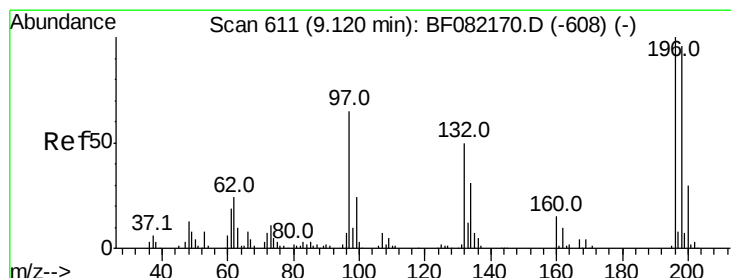
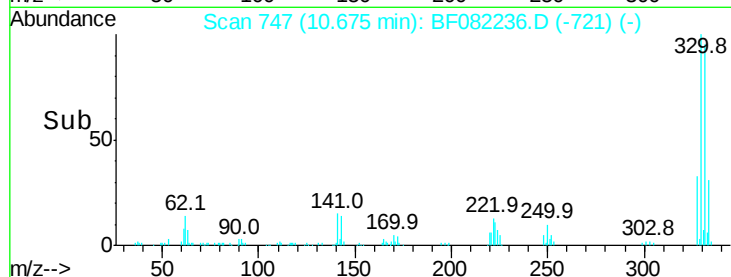
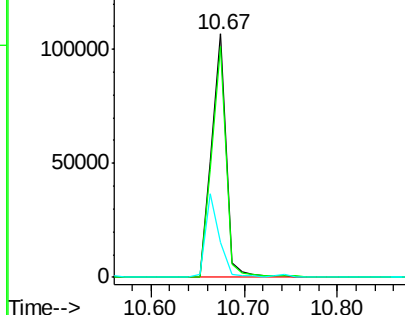
Tot Ion	Ratio	Resp	Lower	Upper
330	100	117540		
332	94.6	77.1	115.7	
141	32.8	29.8	44.8	

Manual Integrations
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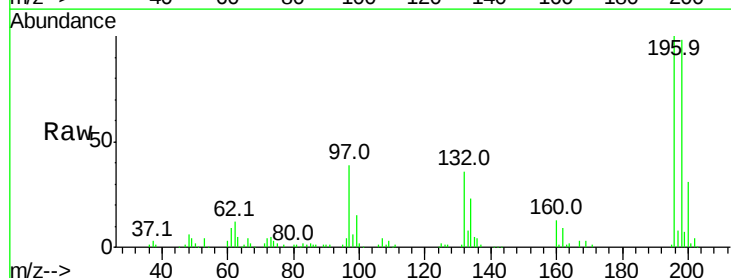


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

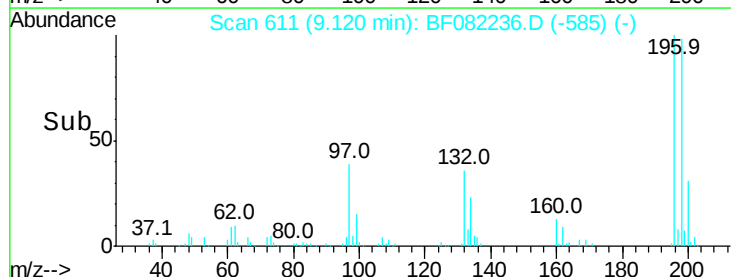
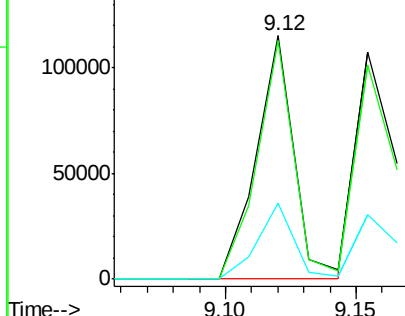


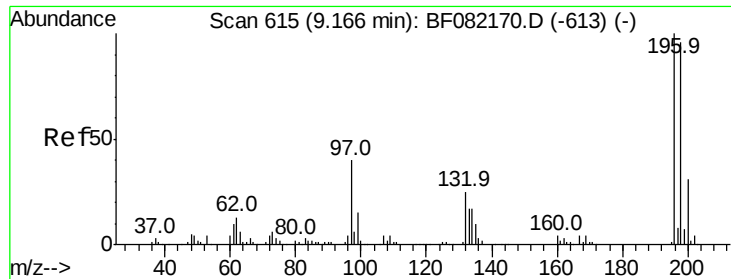
#42
 2,4,6-Trichlorophenol
 Concen: 39.59 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114954		
198	97.8	76.6	115.0	
200	31.4	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





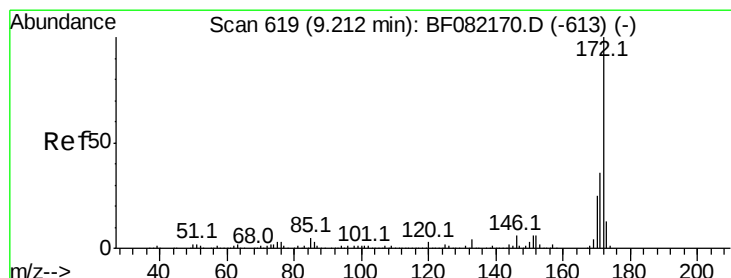
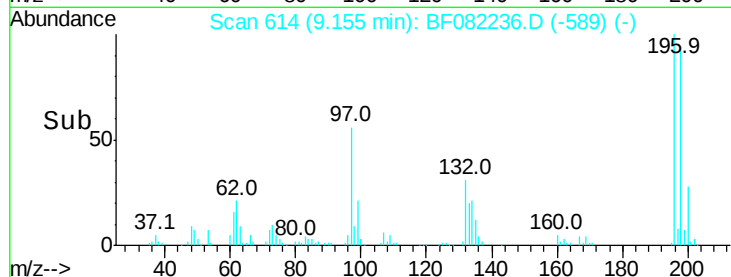
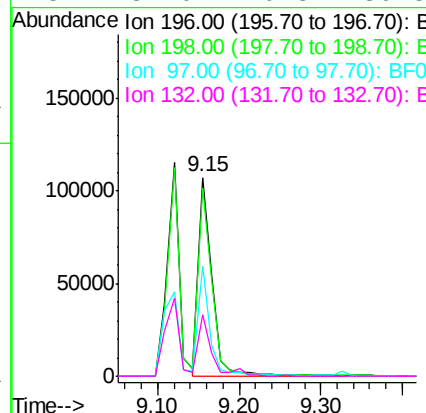
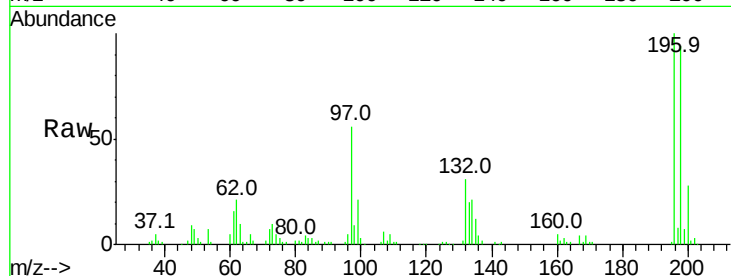
#43
 2,4,5-Trichlorophenol
 Concen: 39.79 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125177		
198	94.4	77.0	115.4	
97	55.7	31.9	47.9#	
132	31.0	20.3	30.5#	

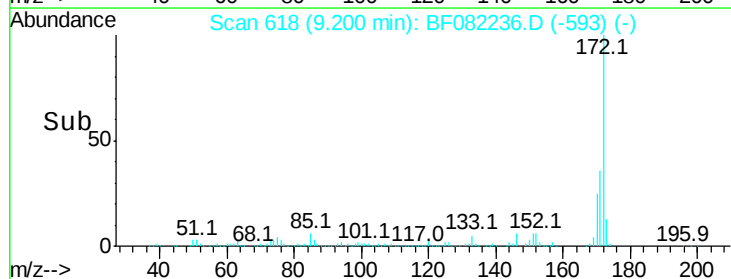
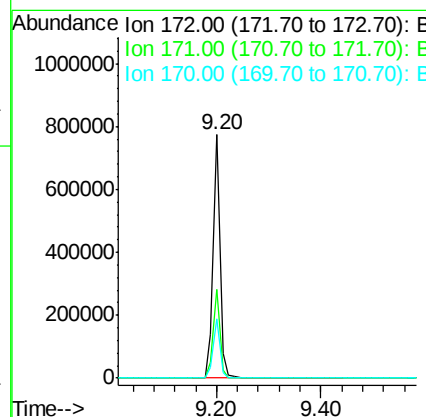
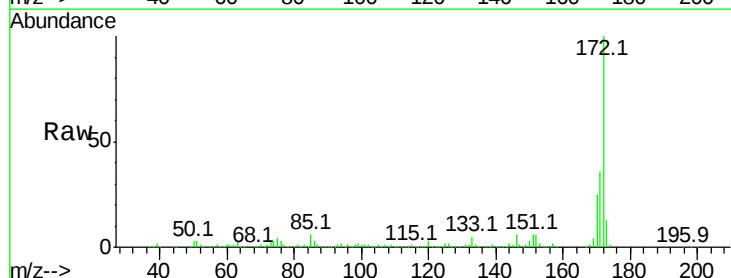
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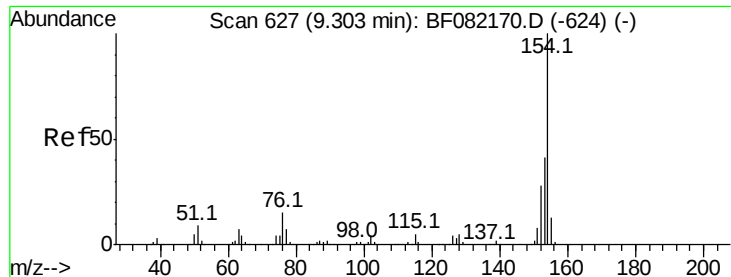
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 79.31 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	702935		
171	36.2	28.6	42.8	
170	24.6	19.7	29.5	





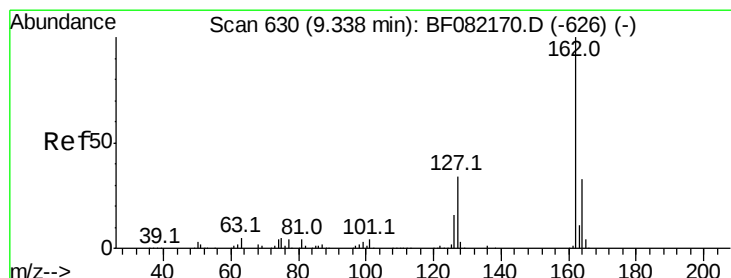
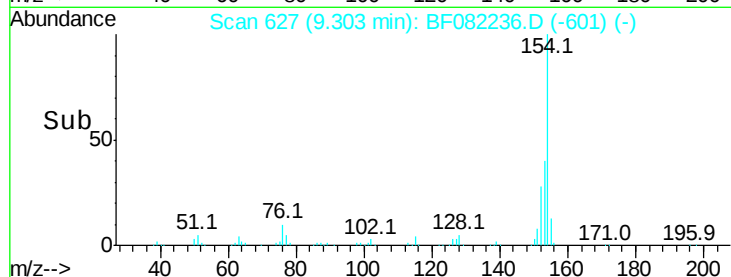
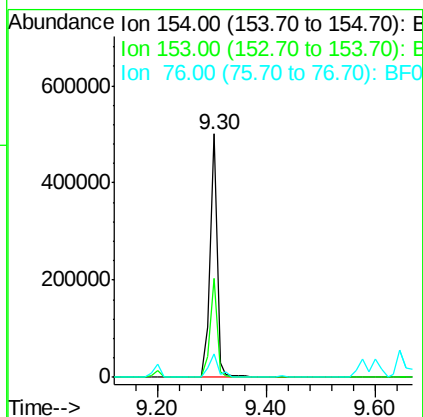
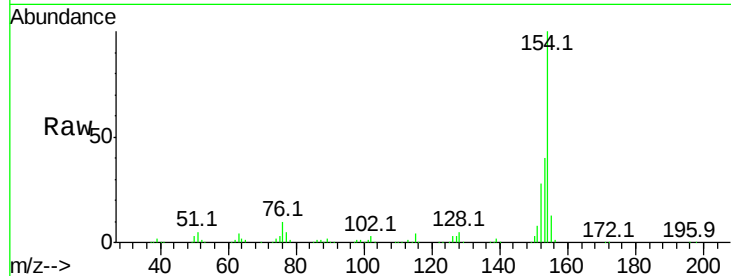
#45
 1,1'-Biphenyl
 Concen: 40.47 ng
 RT: 9.30 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.6	60.6	
76	9.6	0.0	35.2	

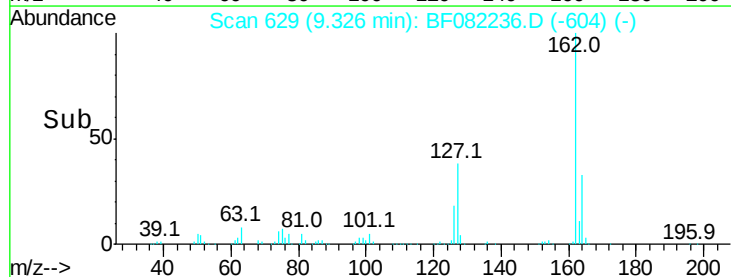
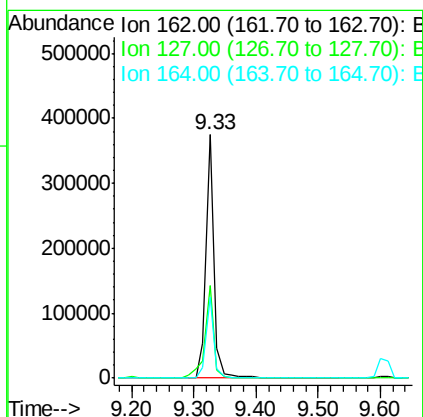
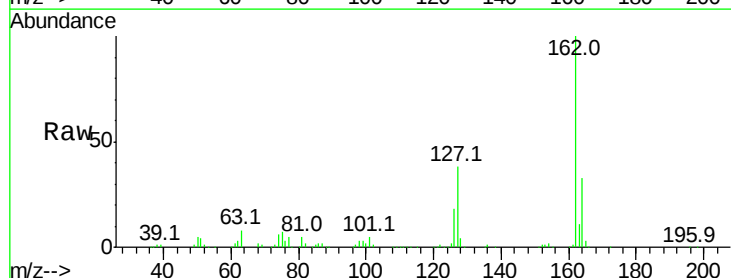
Manual Integrations
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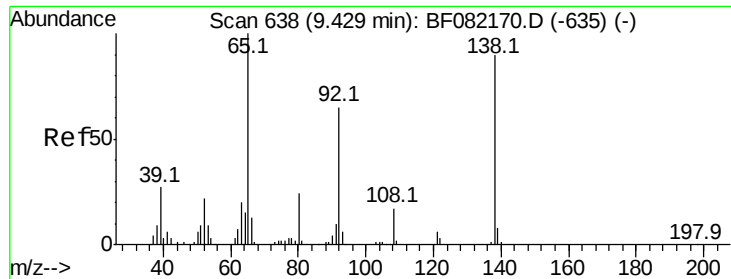
MMdadoda
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#46
 2-Chloronaphthalene
 Concen: 38.58 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.2	27.5	41.3	
164	33.2	26.6	39.8	





#47

2-Nitroaniline

Concen: 43.56 ng

RT: 9.43 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

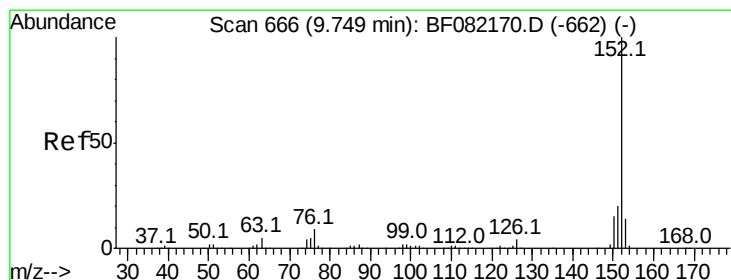
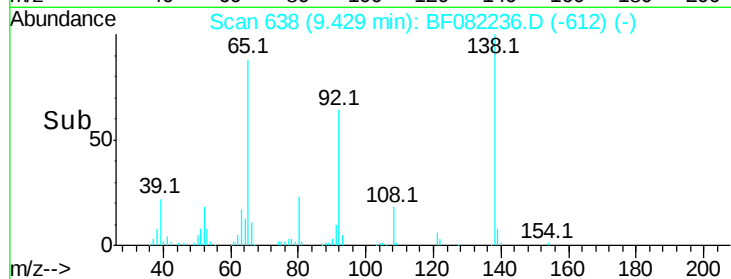
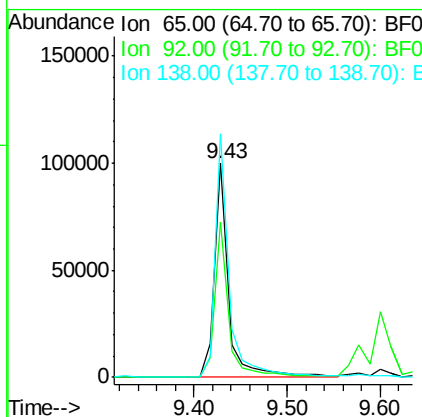
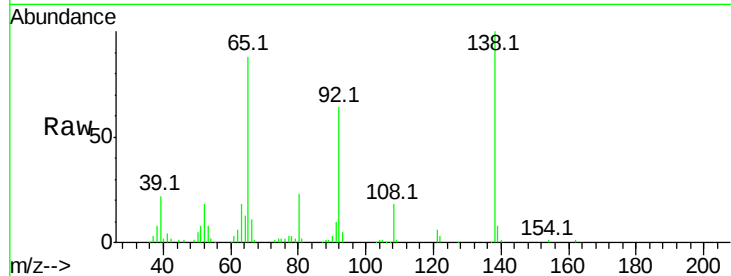
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.6	52.3	78.5
138	114.0	72.2	108.4

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#48

Acenaphthylene

Concen: 38.05 ng

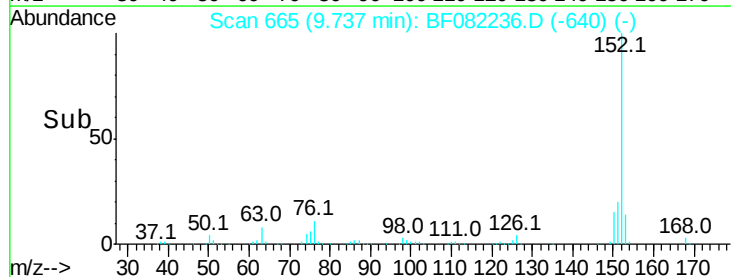
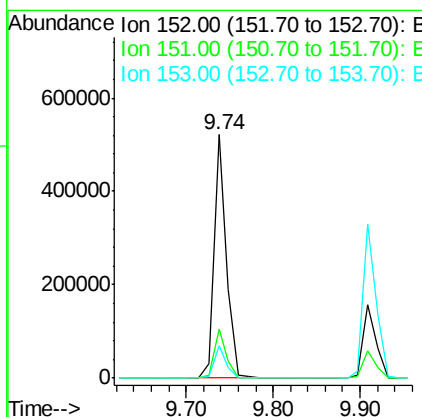
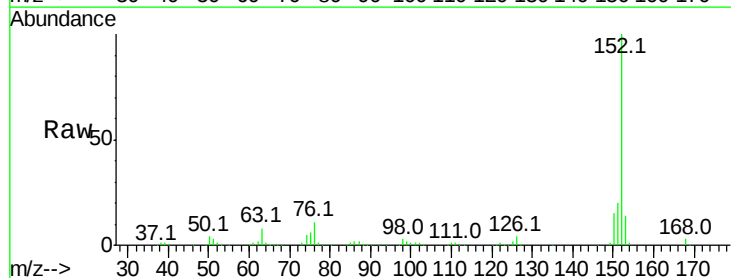
RT: 9.74 min Scan# 665

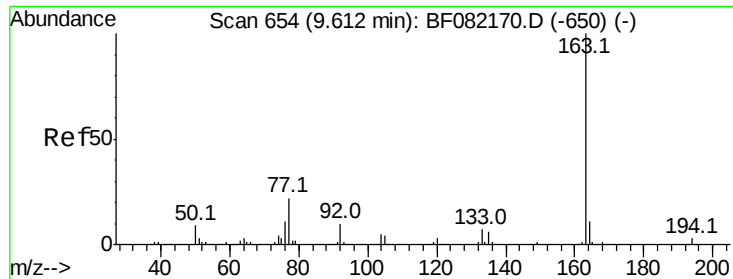
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.6	10.8	16.2





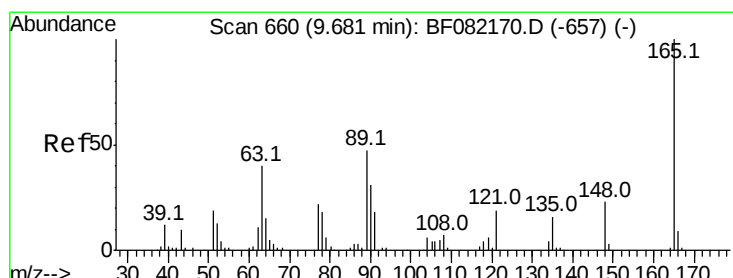
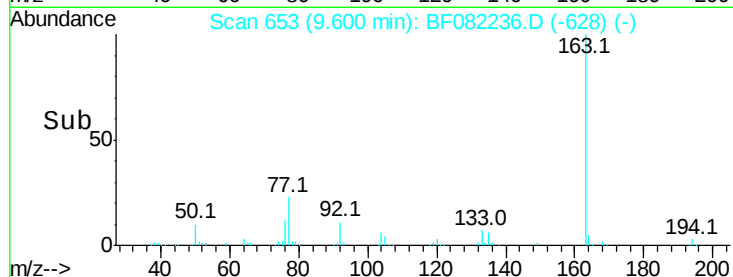
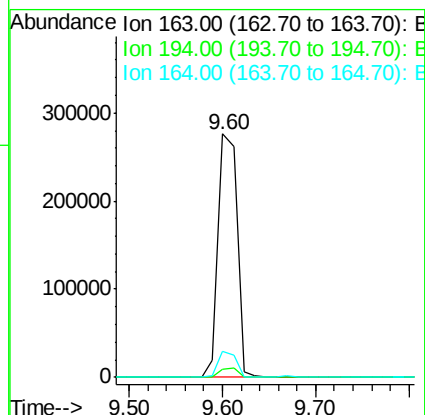
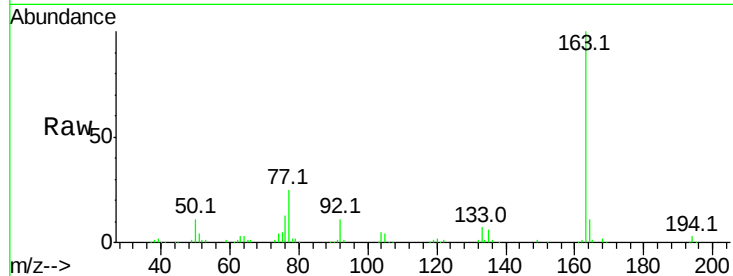
#49
Dimethylphthalate
Concen: 37.73 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.9	8.5	12.7

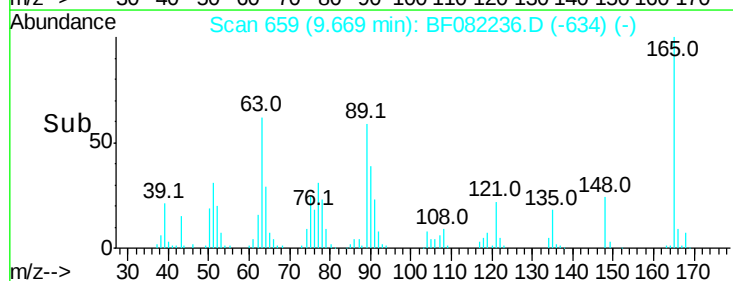
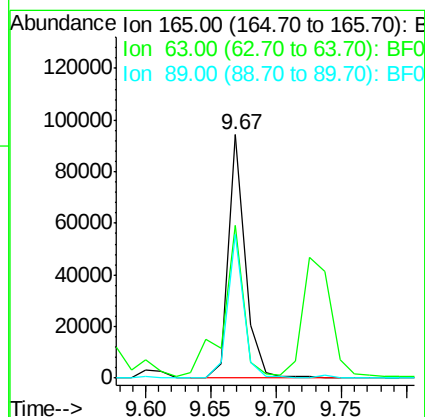
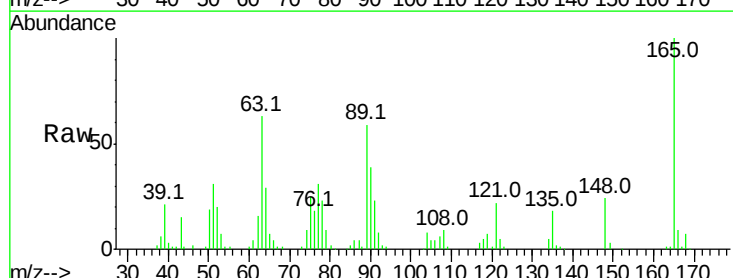
Manual Integrations
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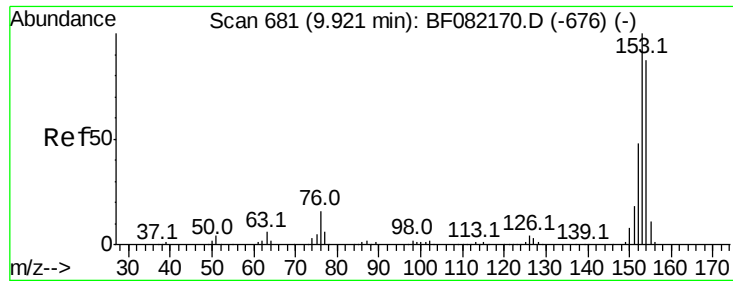
MMdadoda
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#50
2,6-Dinitrotoluene
Concen: 39.02 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	62.8	36.7	55.1#
89	59.1	37.8	56.6#





#51

Acenaphthene

Concen: 39.01 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

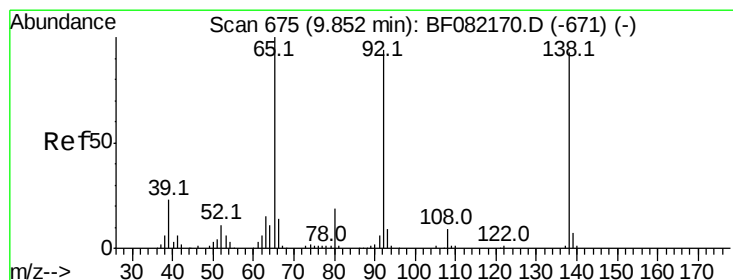
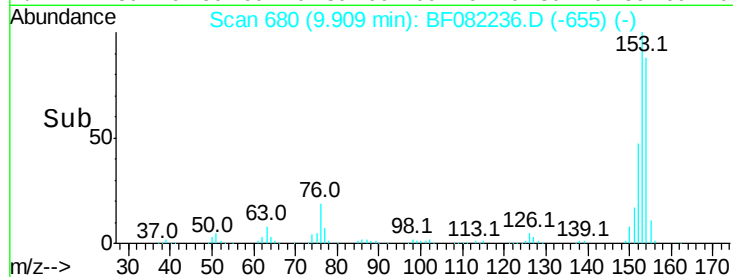
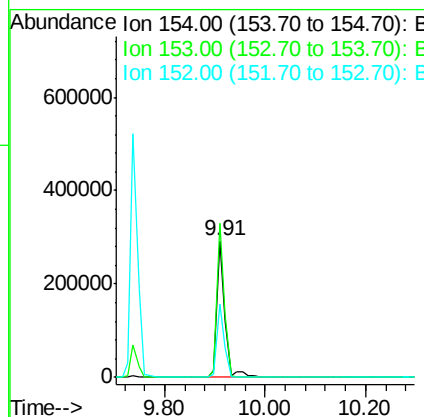
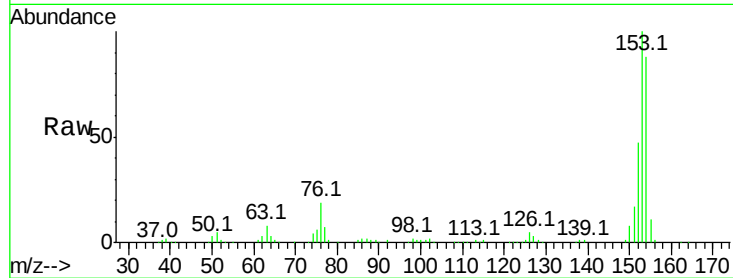
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	321881
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.4	137.2
152	53.5	44.3	66.5

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#52

3-Nitroaniline

Concen: 42.51 ng

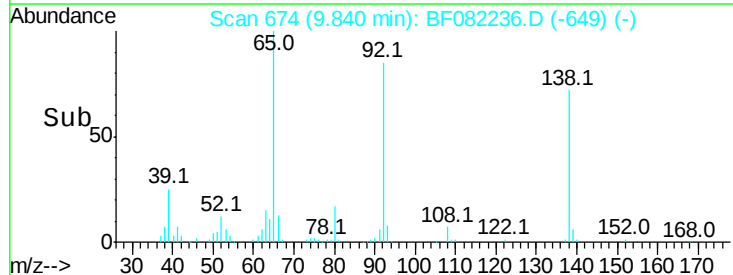
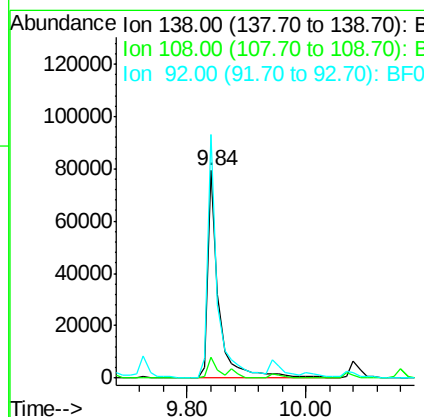
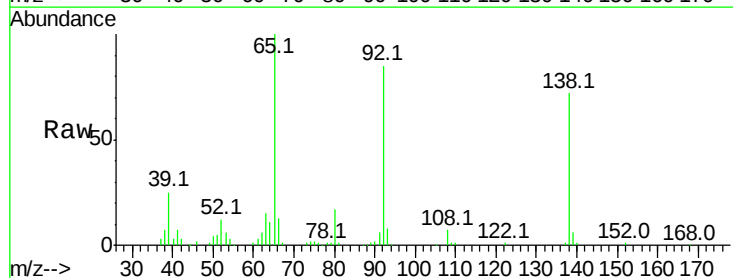
RT: 9.84 min Scan# 674

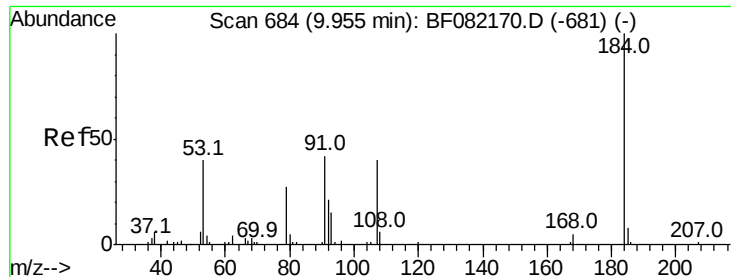
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	138	Resp:	104873
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.4	11.0
92	117.4	81.3	121.9





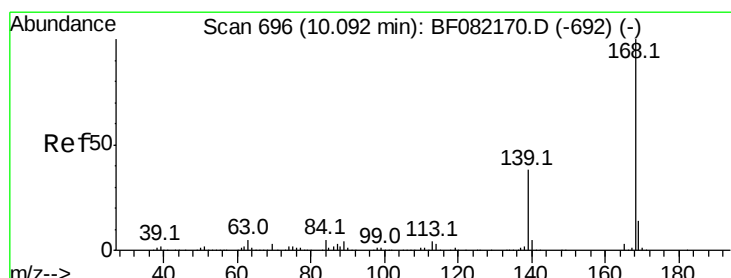
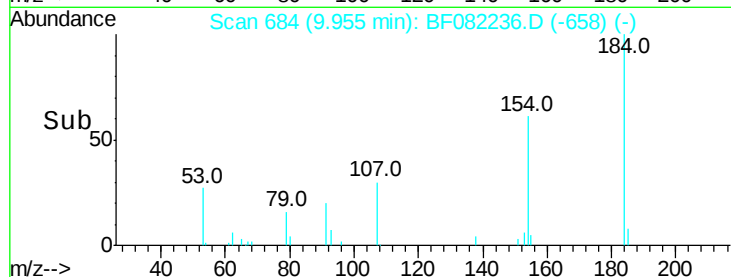
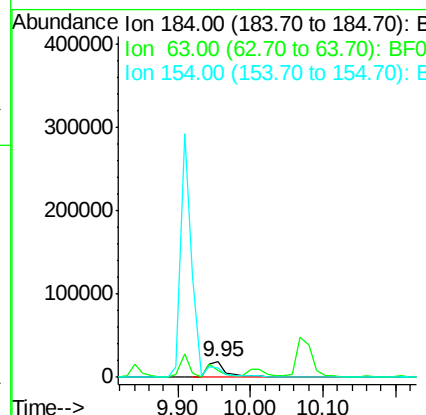
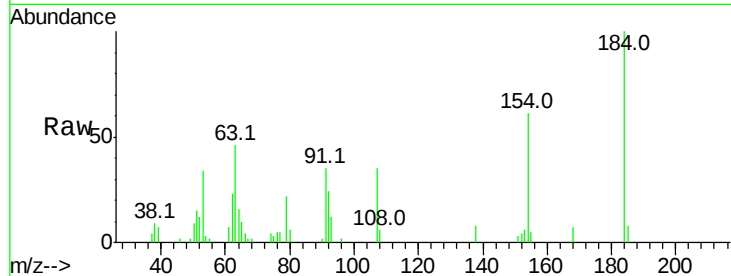
#53
2,4-Dinitrophenol
Concen: 34.85 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	37744		
63	46.5		45.1	67.7
154	60.8		51.2	76.8

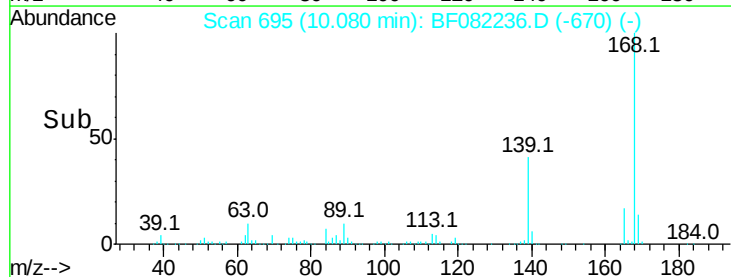
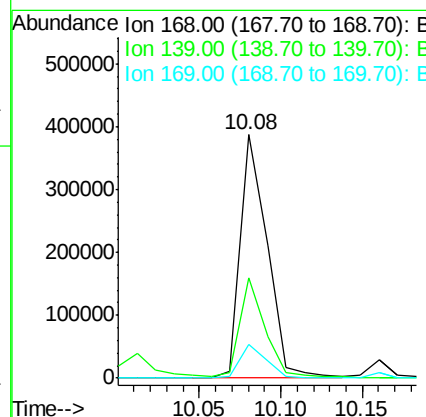
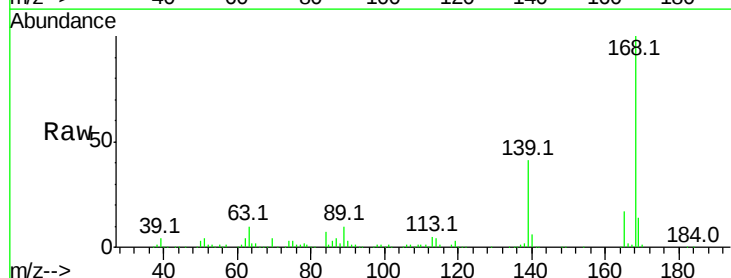
Manual Integrations
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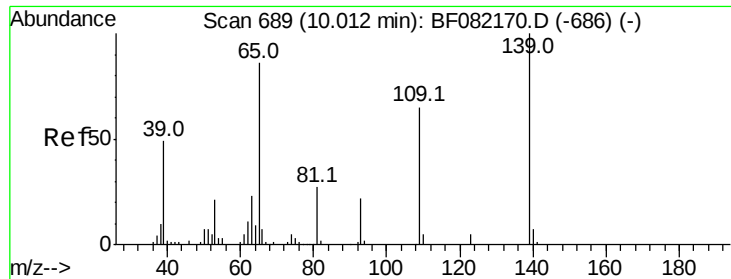
MMdadoda
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#54
Dibenzofuran
Concen: 38.93 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	441007		
139	41.3		31.0	46.6
169	13.8		10.9	16.3





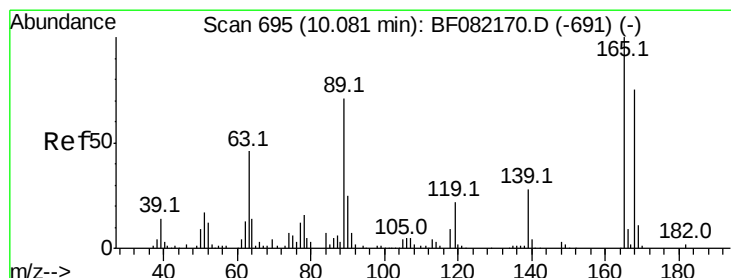
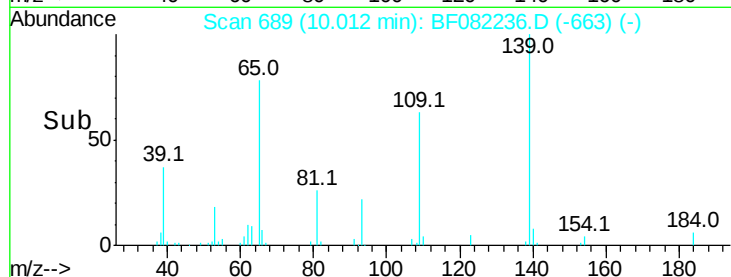
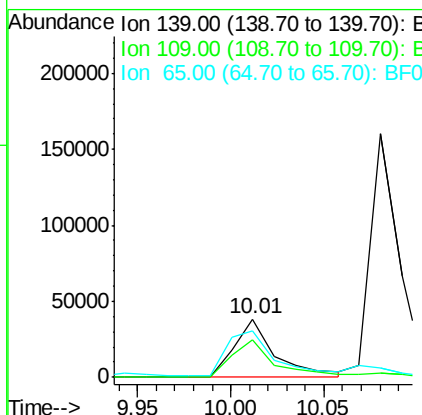
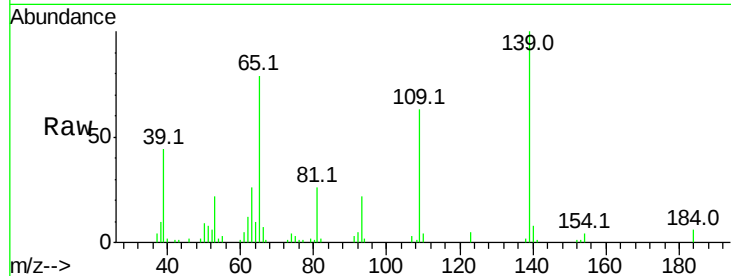
#55
4-Nitrophenol
Concen: 42.78 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	63.3	44.8	84.8	
65	79.0	67.7	107.7	

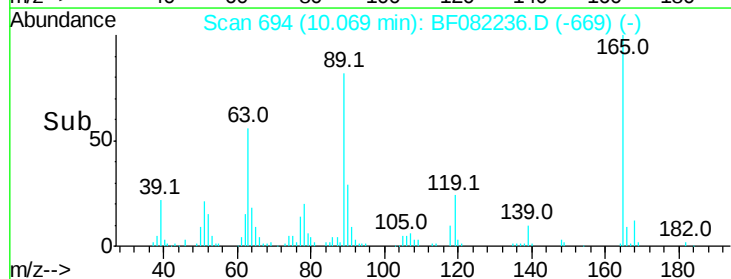
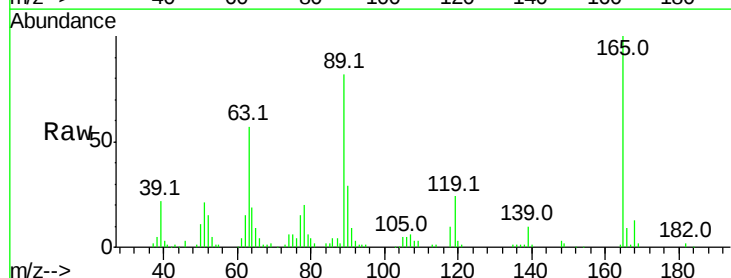
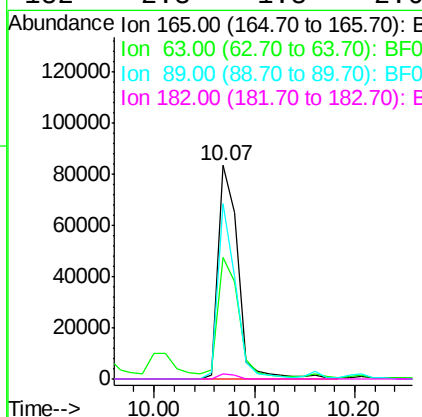
Manual Integrations
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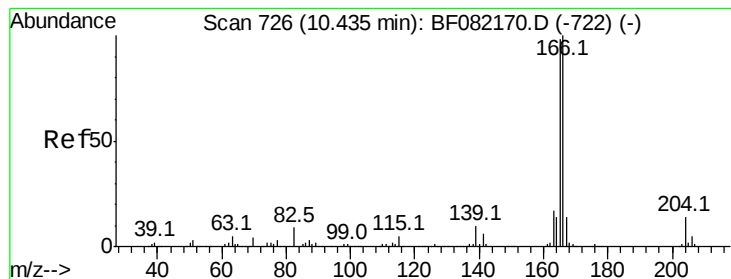
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 42.11 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.1	38.6	58.0	
89	82.3	57.0	85.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 39.21 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

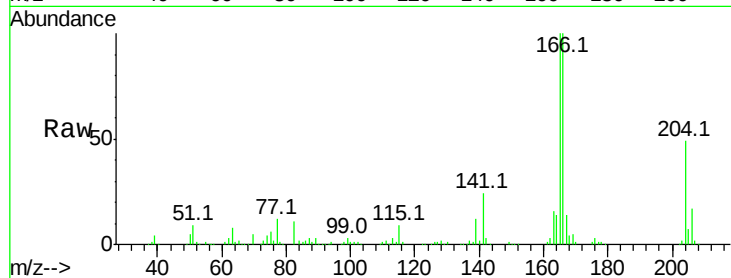
ClientSampleId :

SSTDCCC040

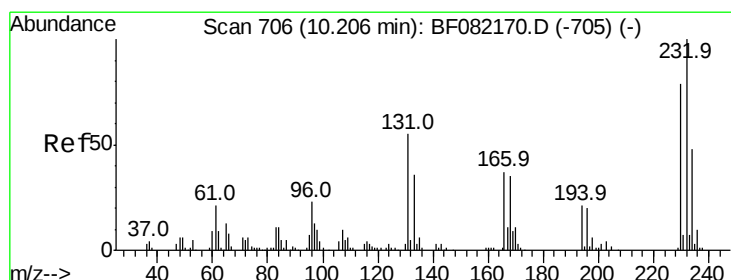
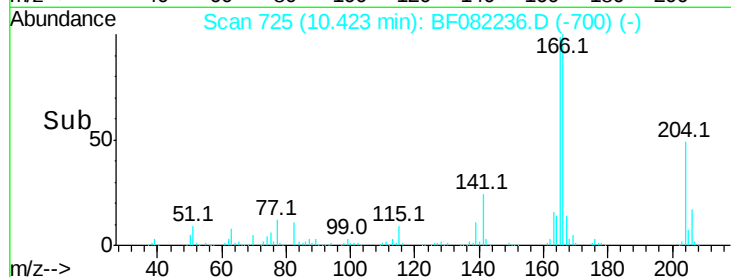
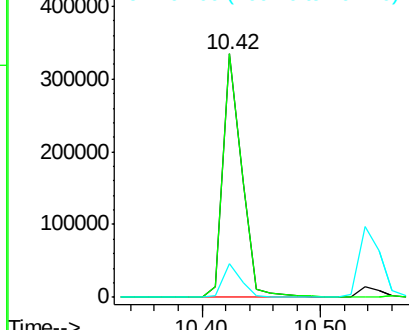
Tot Ion:	166	Resp:	364823
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.3	117.5
167	13.9	10.8	16.2

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.95 ng

RT: 10.21 min Scan# 706

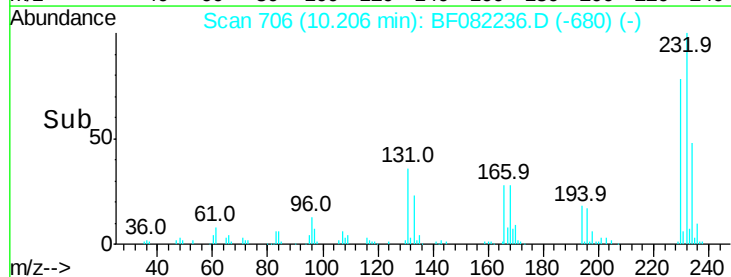
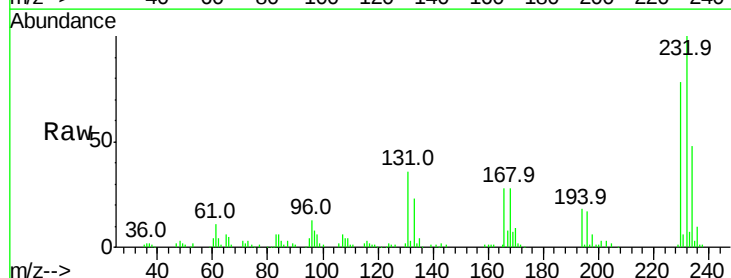
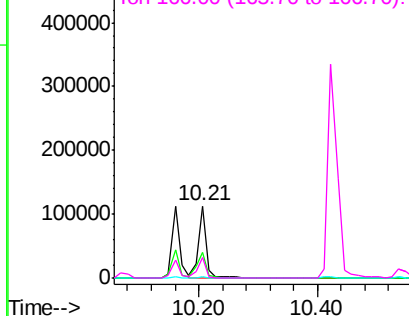
Delta R.T. -0.00 min

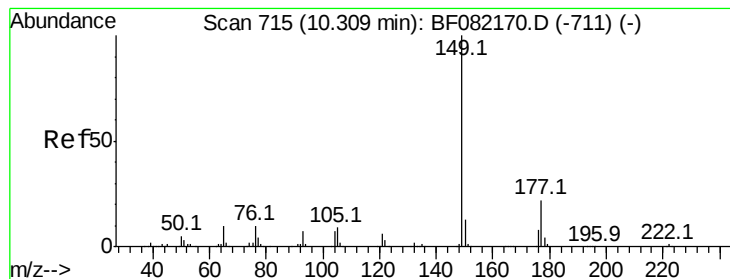
Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	232	Resp:	110398
Ion Ratio	Lower	Upper	
232	100		
131	38.6	36.6	54.8
130	1.8	1.5	2.3
166	28.9	24.6	37.0

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





#59

Diethylphthalate

Concen: 40.22 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

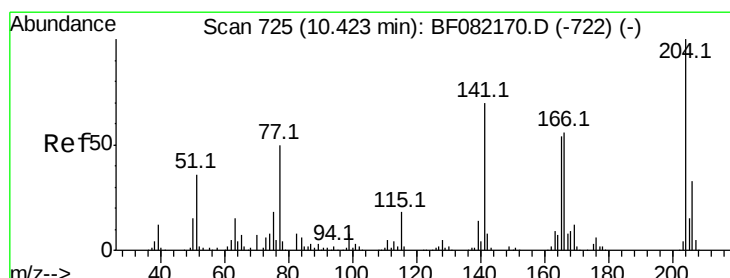
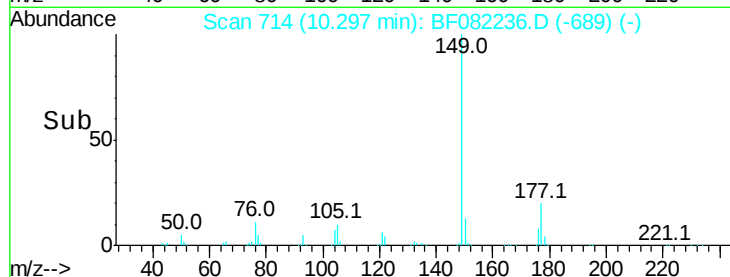
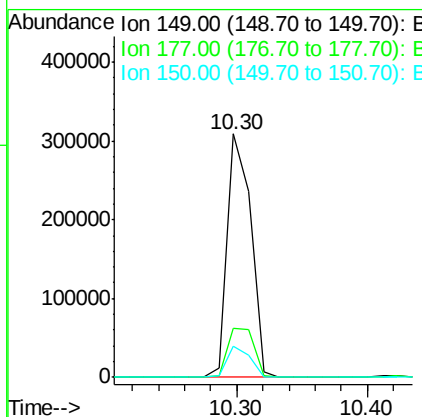
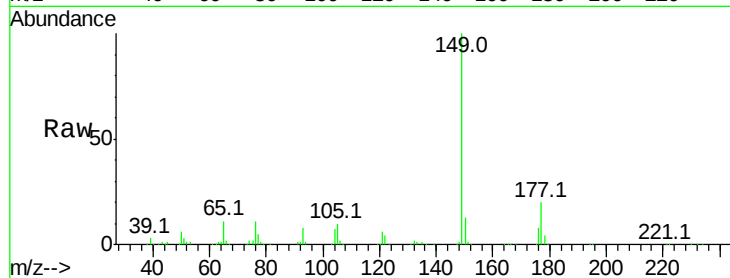
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	388036
Ion Ratio	Lower	Upper	
149	100		
177	20.3	17.6	26.4
150	12.7	10.3	15.5

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 40.57 ng

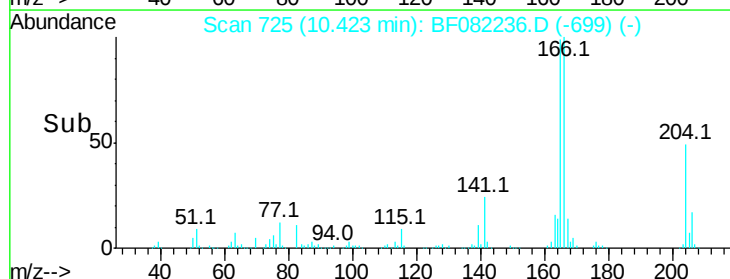
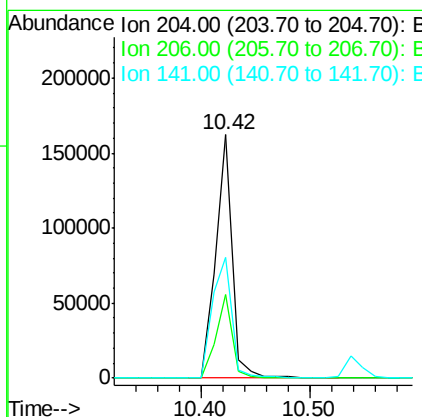
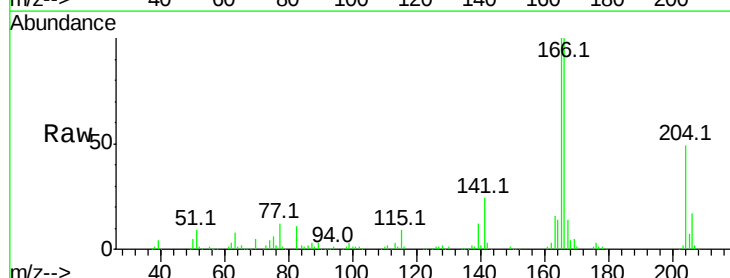
RT: 10.42 min Scan# 725

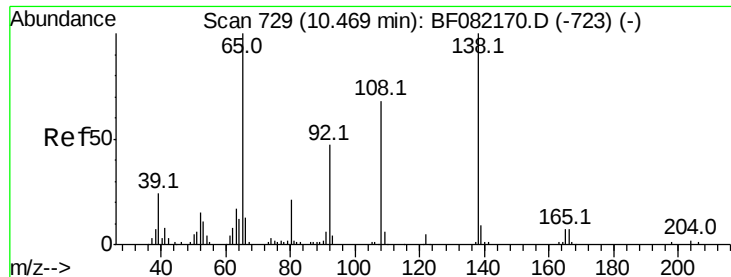
Delta R.T. 0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	204	Resp:	172916
Ion Ratio	Lower	Upper	
204	100		
206	34.6	26.8	40.2
141	49.4	56.1	84.1#





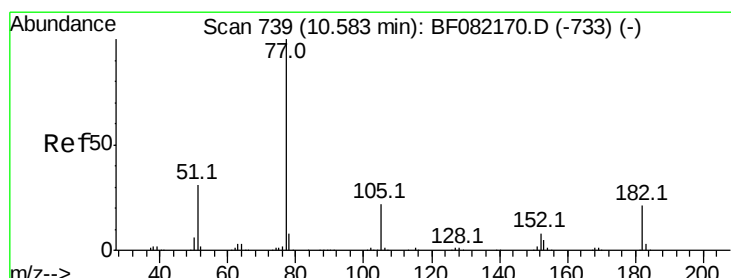
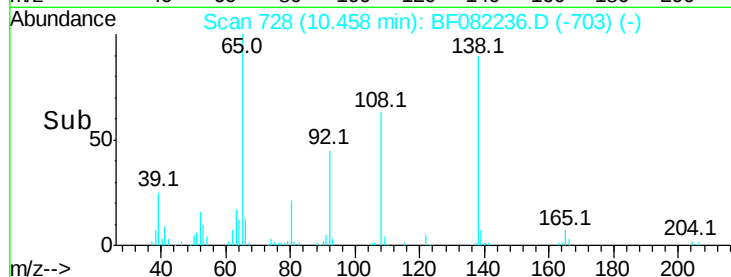
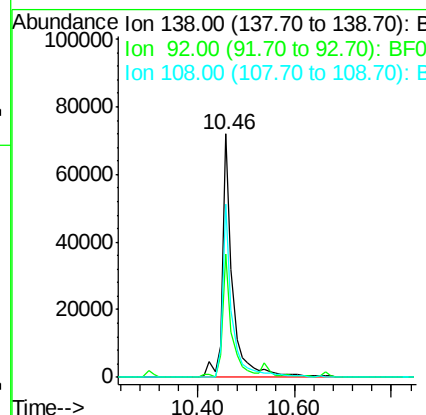
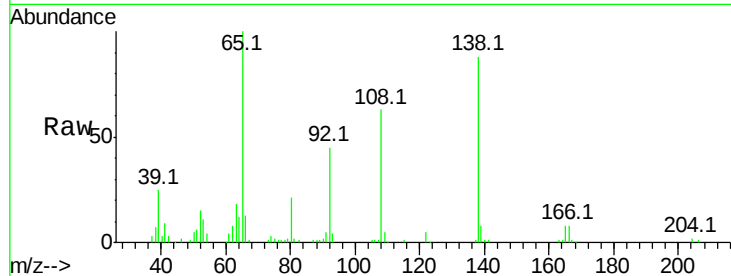
#61
4-Nitroaniline
Concen: 45.43 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	108705		
92	50.4	26.8	66.8	
108	71.2	48.4	88.4	

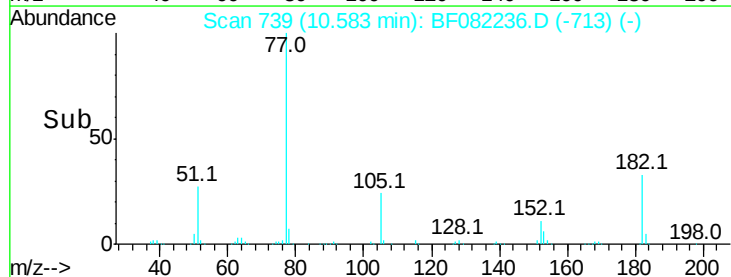
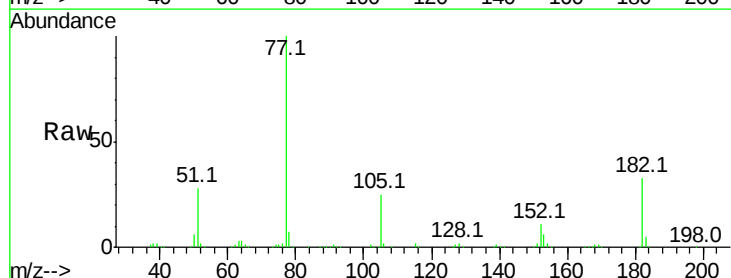
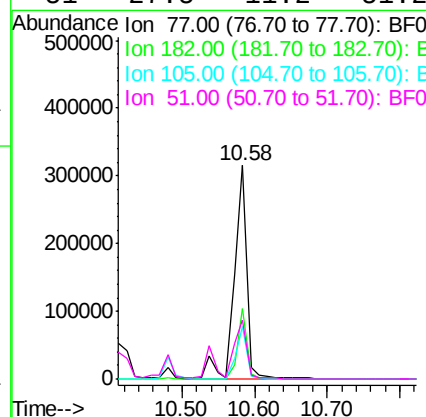
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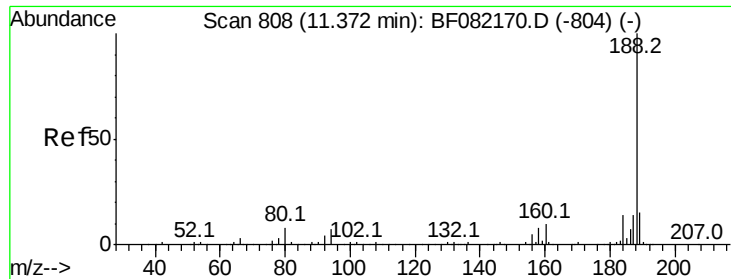
MMdadoda
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#62
Azobenzene
Concen: 40.13 ng
RT: 10.58 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	378887		
182	33.0	0.5	40.5	
105	24.5	1.8	41.8	
51	27.5	11.2	51.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

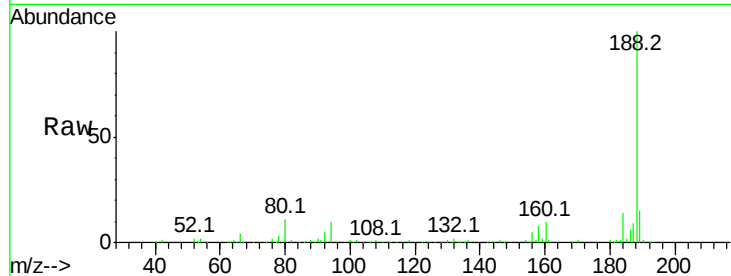
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	304605
Ion Ratio	Lower	Upper	
188	100		
94	9.5	5.8	8.6#
80	10.6	6.4	9.6#

Manual Integrations
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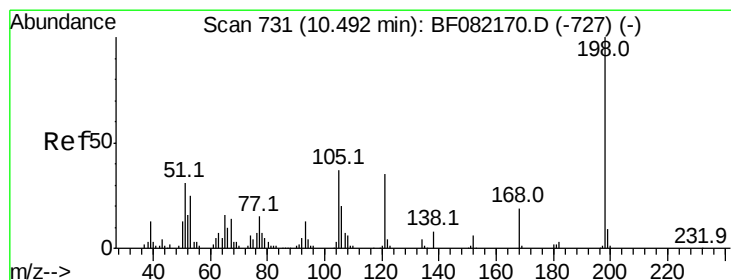
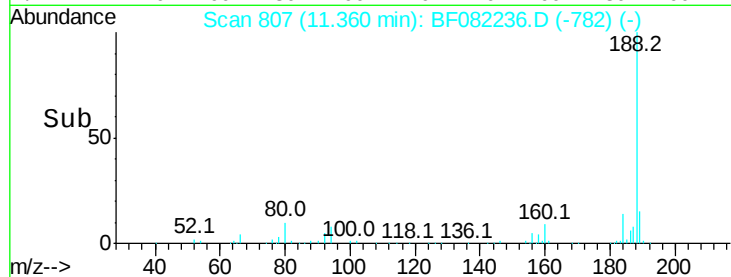
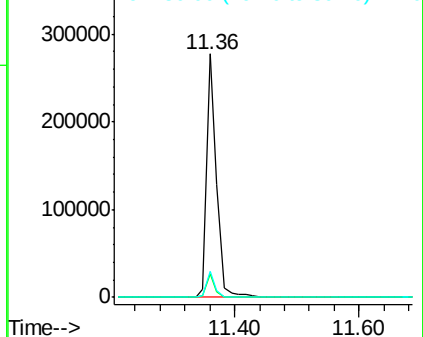
MMdadoda
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Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.02 ng

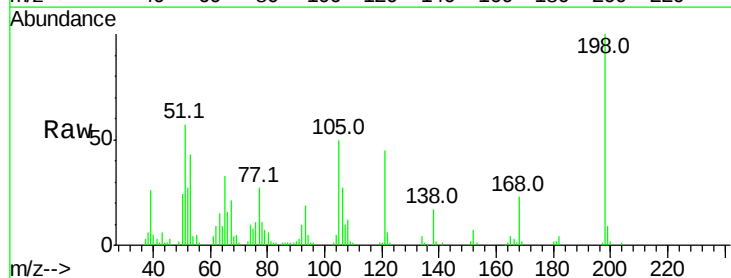
RT: 10.48 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

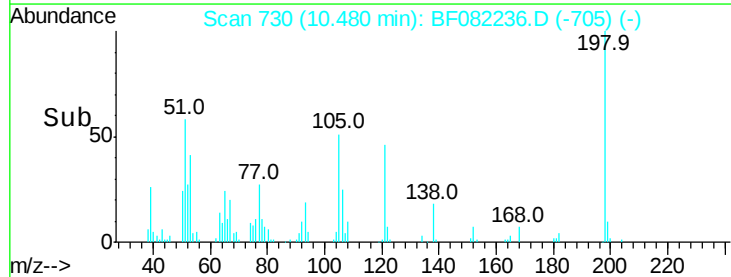
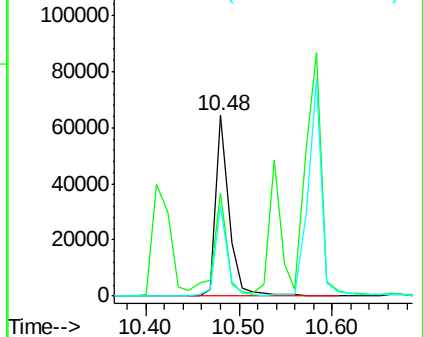
Tgt Ion:	198	Resp:	63276
Ion Ratio	Lower	Upper	
198	100		
51	56.7	13.6	53.6#
105	49.9	17.1	57.1

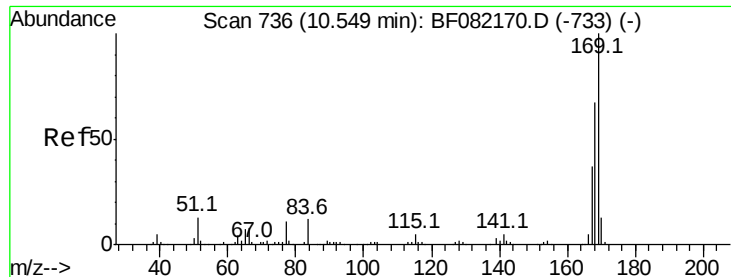


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.07 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

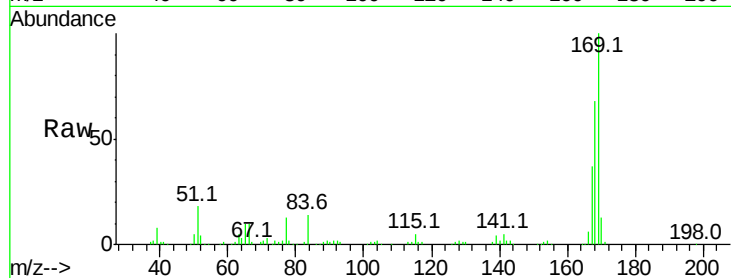
ClientSampleId :

SSTDCCC040

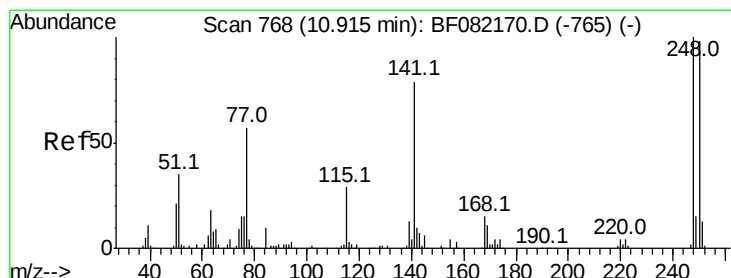
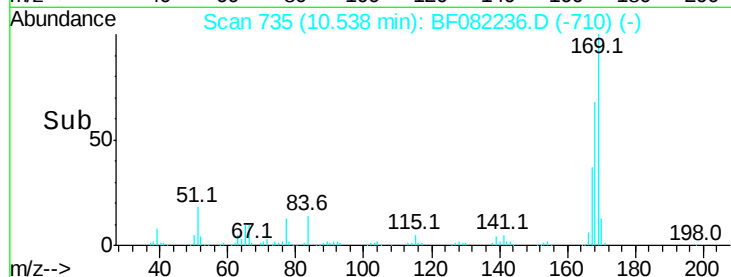
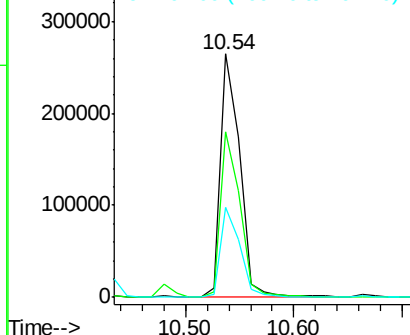
Tot Ion:	169	Resp:	328935
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.0	81.0
167	37.0	29.6	44.4

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: 38.43 ng

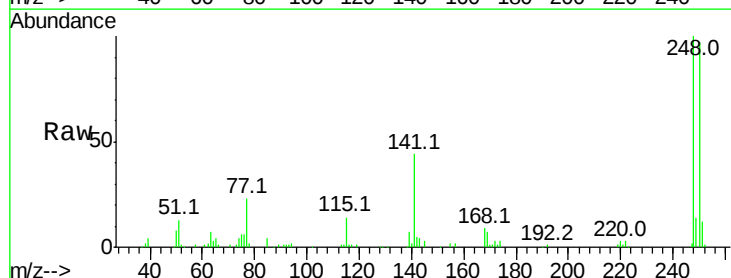
RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

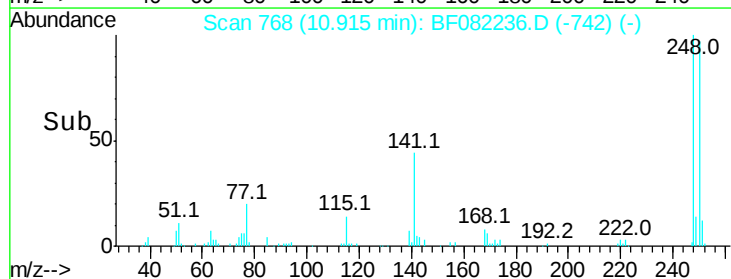
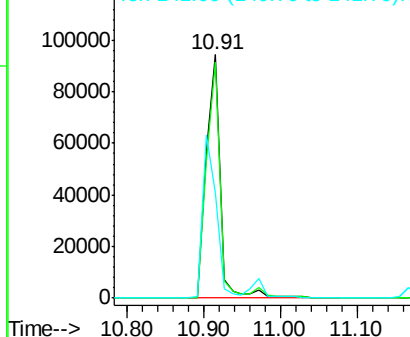
Lab File: BF082236.D

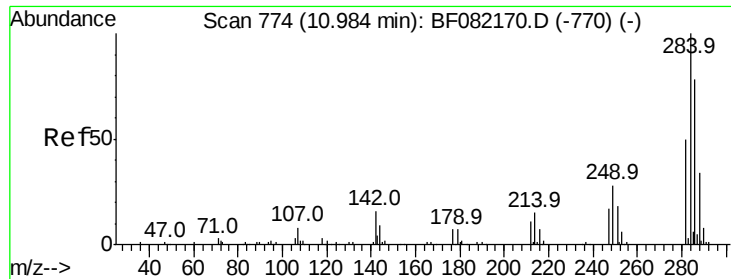
Acq: 13 Oct 2015 1:27

Tgt Ion:	248	Resp:	117147
Ion Ratio	Lower	Upper	
248	100		
250	96.8	78.6	117.8
141	43.5	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





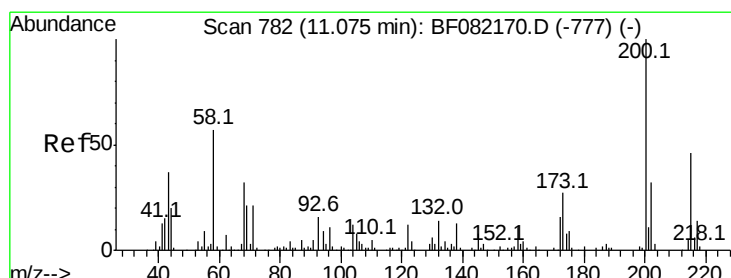
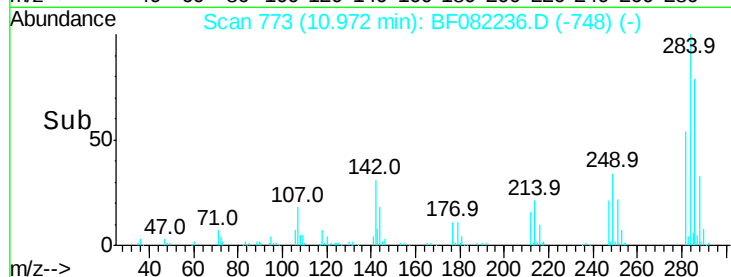
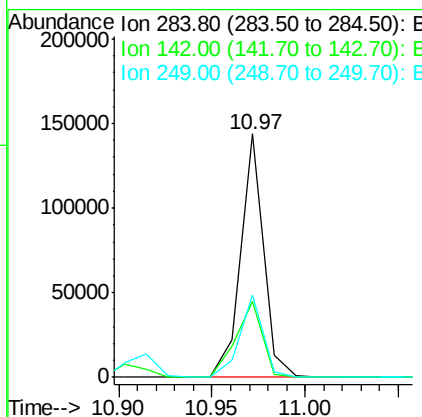
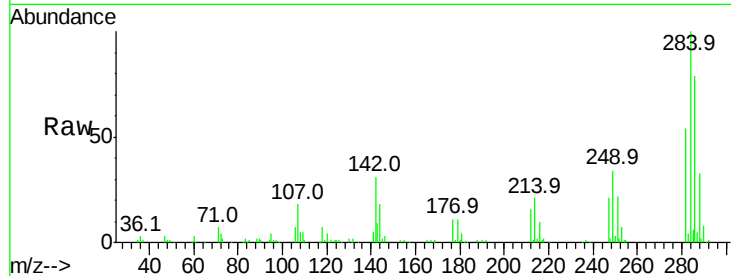
#67
Hexachlorobenzene
Concen: 37.27 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	31.3	13.0	19.6#
249	33.6	22.5	33.7

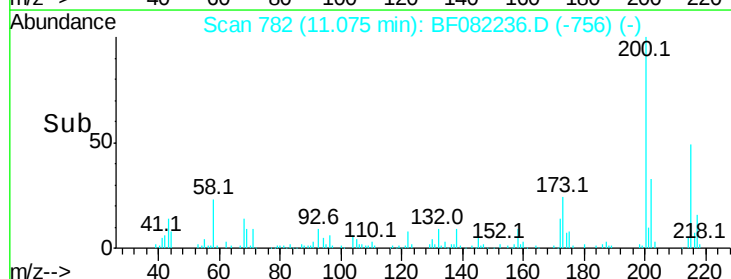
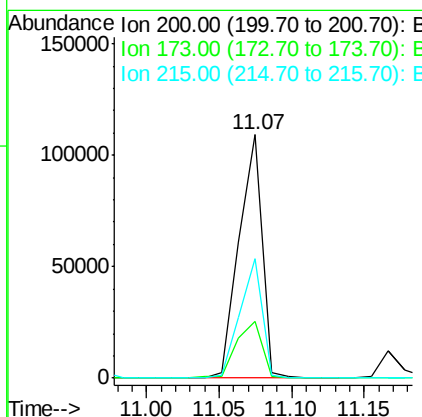
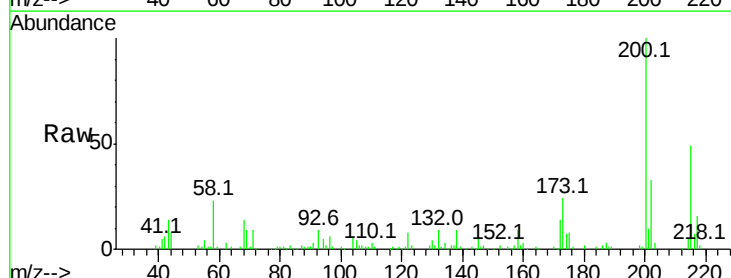
Manual Integrations
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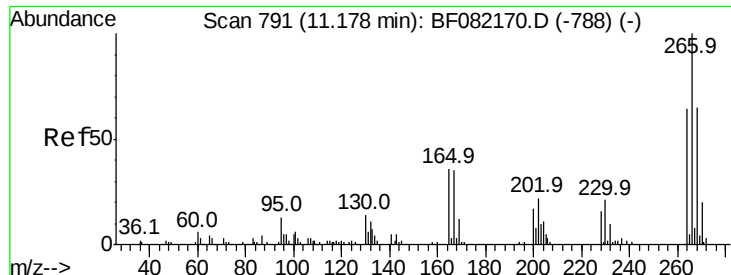
MMdadoda
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#68
Atrazine
Concen: 41.96 ng
RT: 11.07 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.5	7.3	47.3
215	49.1	26.2	66.2





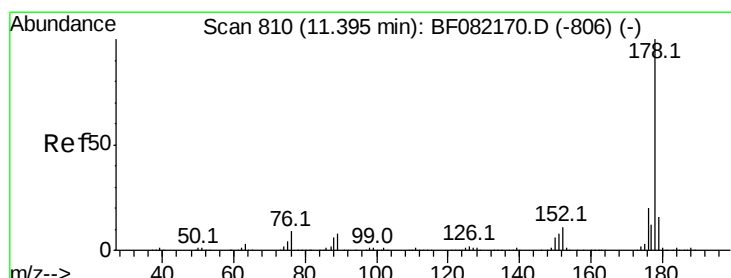
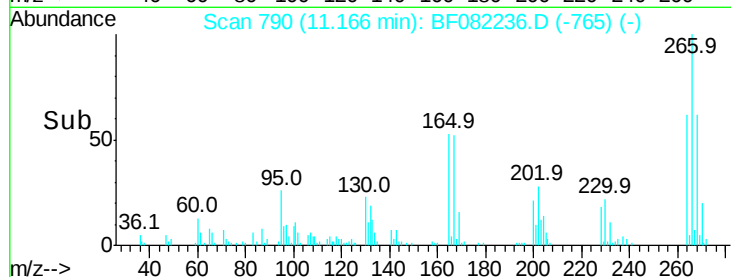
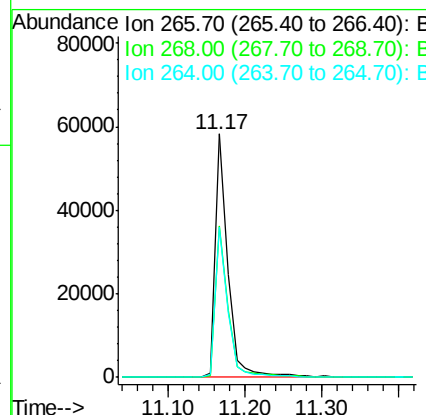
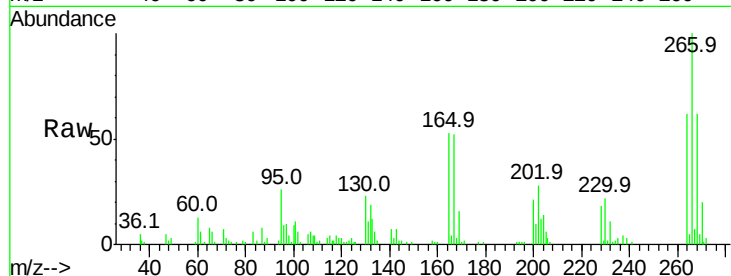
#69
 Pentachlorophenol
 Concen: 38.64 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	65546		
268	62.0		52.0	78.0
264	61.8		51.4	77.0

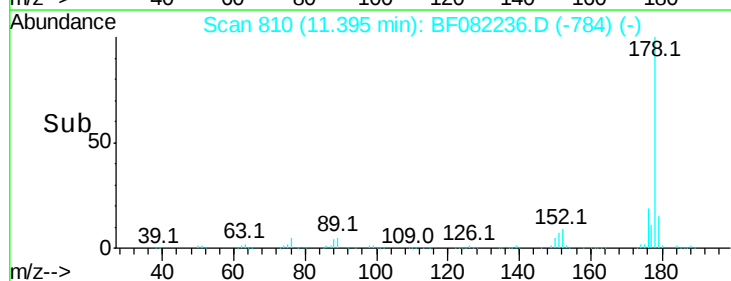
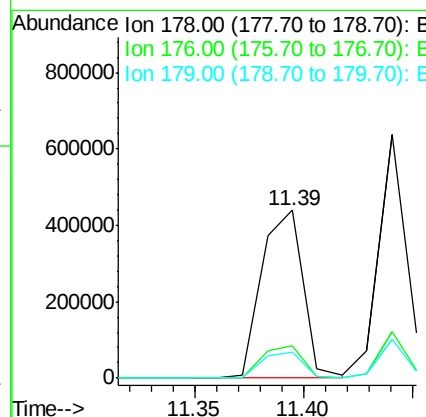
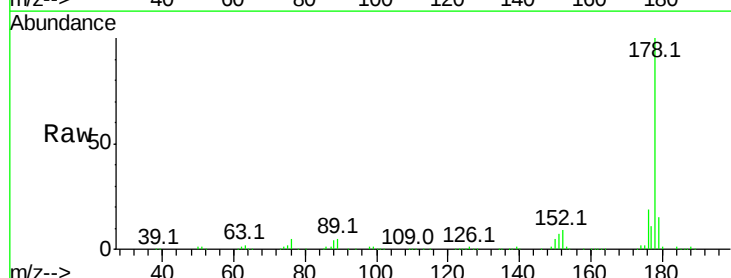
Manual Integrations
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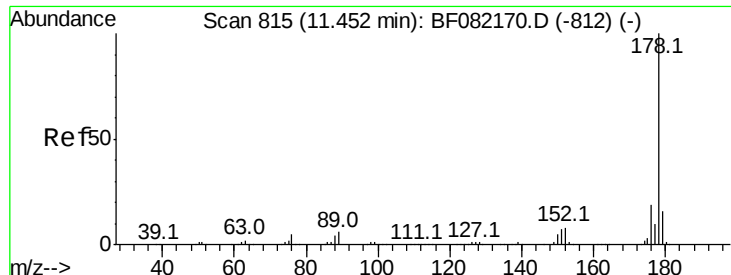
MMdadoda
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#70
 Phenanthrene
 Concen: 39.28 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	586443		
176	19.4		16.0	24.0
179	15.2		12.6	19.0





#71

Anthracene

Concen: 39.75 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 611532

Ion Ratio Lower Upper

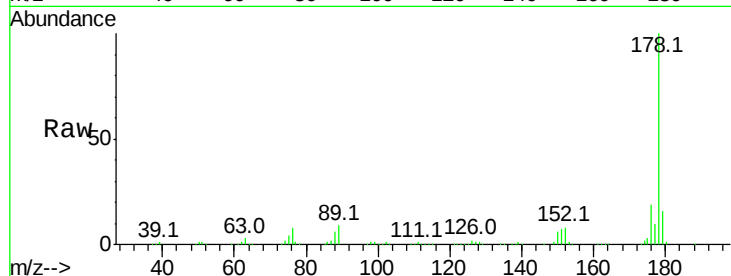
178 100

176 19.3 15.4 23.0

179 15.8 12.5 18.7

Manual Integrations
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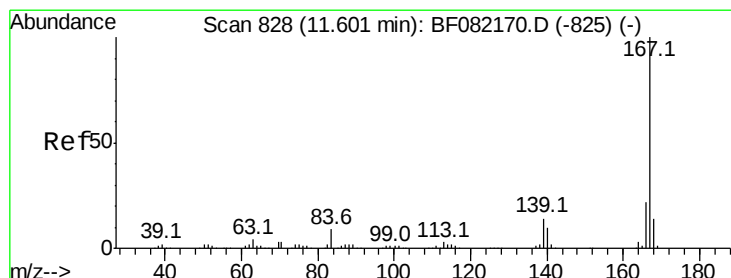
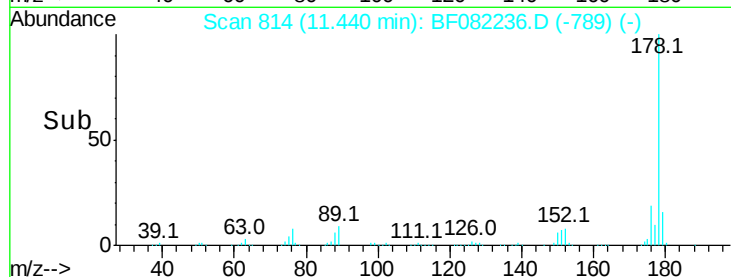
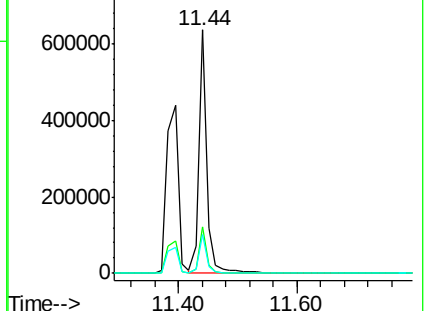
MMdadoda
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.49 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

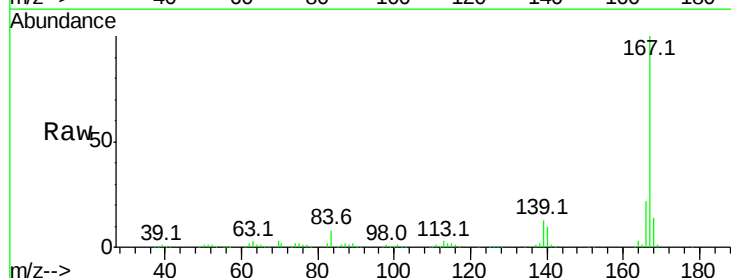
Tgt Ion:167 Resp: 568221

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

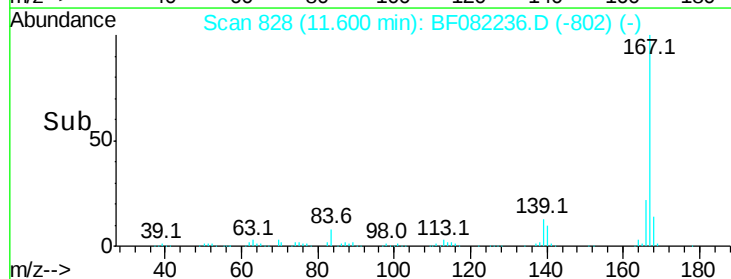
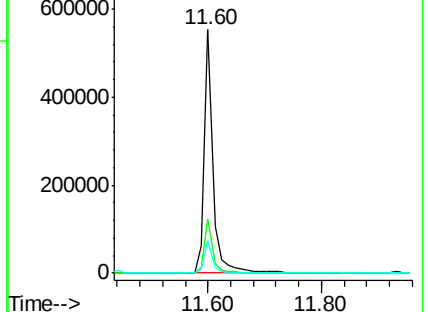
139 13.3 11.2 16.8

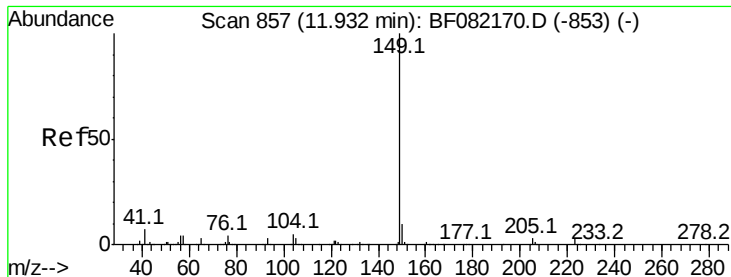


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

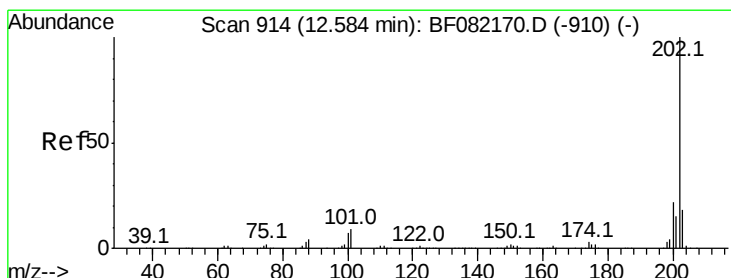
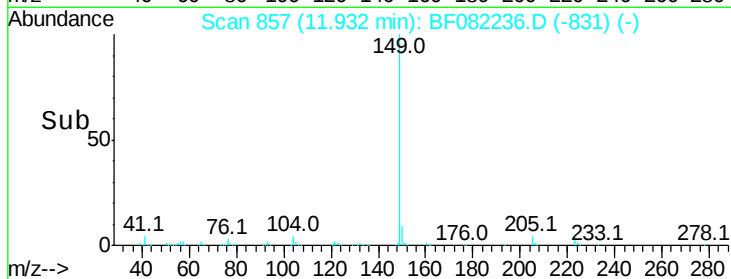
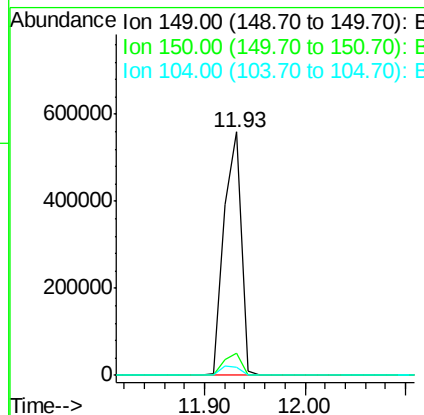
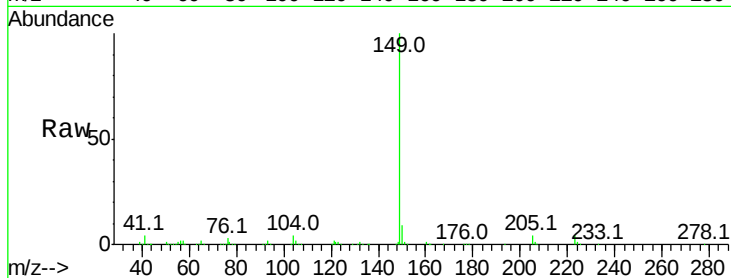
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	667359
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	3.6	3.8	5.8#

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#74

Fluoranthene

Concen: 40.31 ng

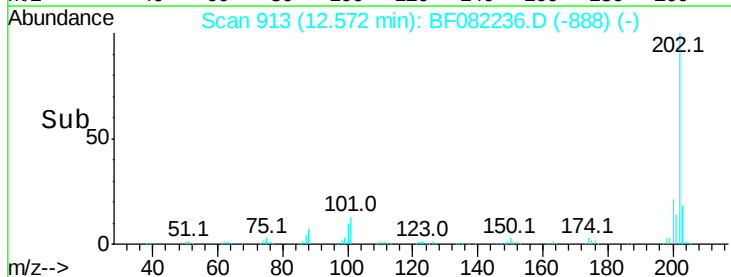
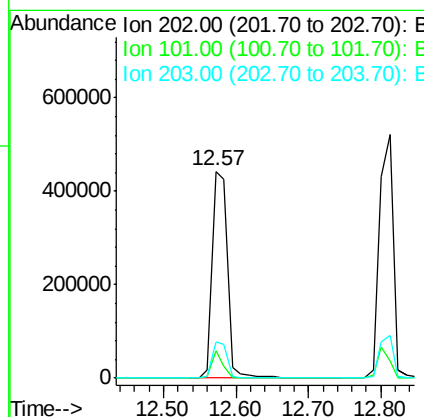
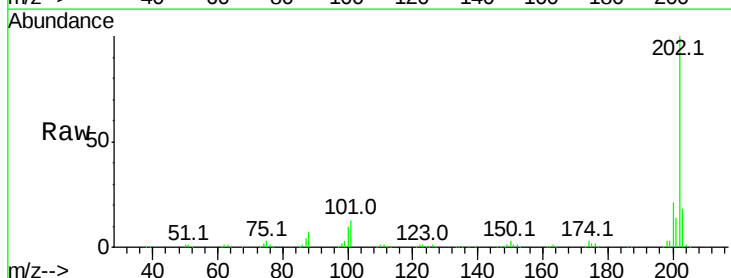
RT: 12.57 min Scan# 913

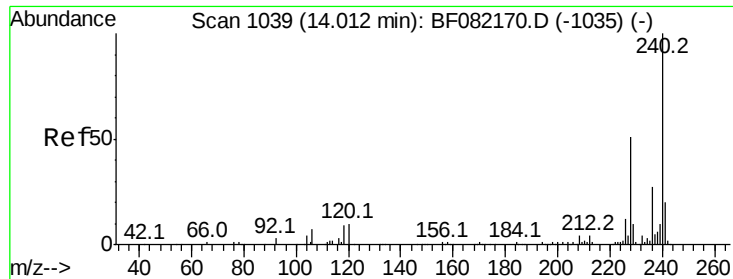
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	202	Resp:	646433
Ion Ratio	Lower	Upper	
202	100		
101	13.1	0.0	29.3
203	17.6	0.0	37.8





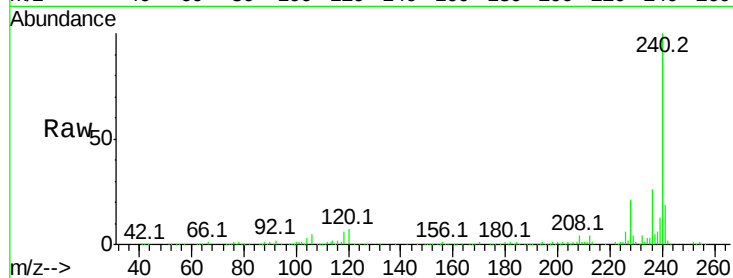
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

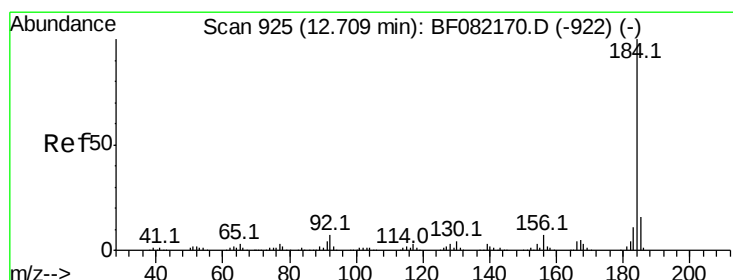
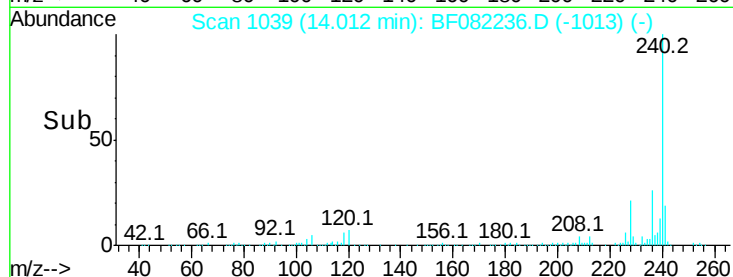
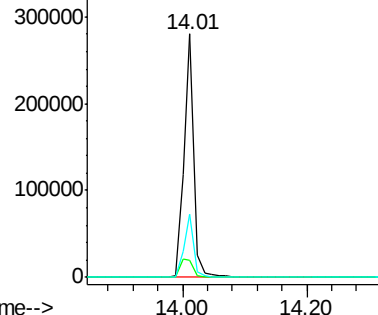
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	8.1	12.1#
236	25.9	21.3	31.9

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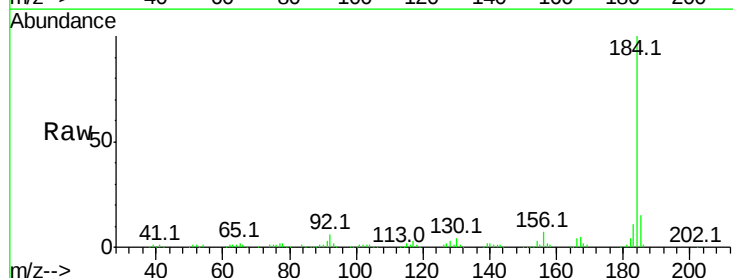


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

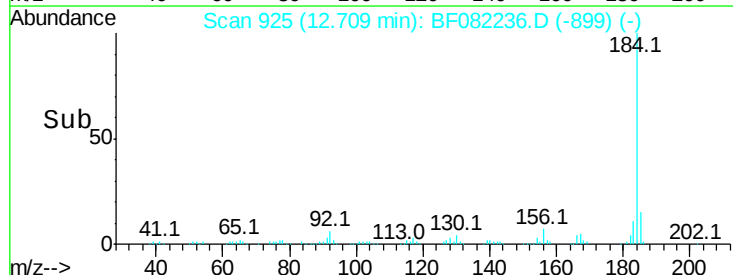
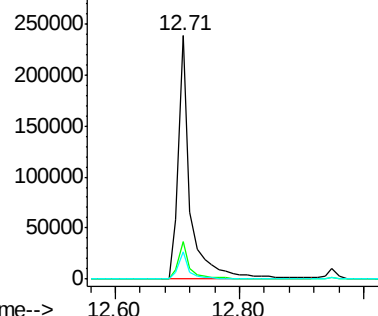


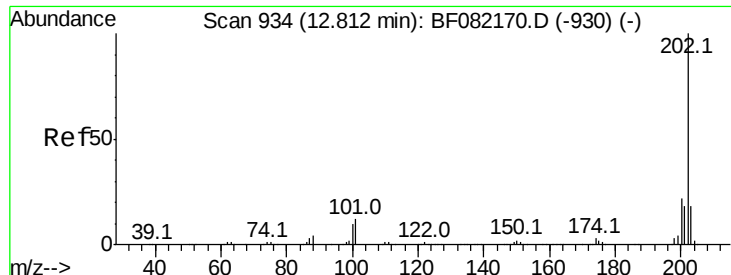
#76
Benzidine
Concen: 36.94 ng
RT: 12.71 min Scan# 925
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.5	18.7
183	11.3	9.1	13.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





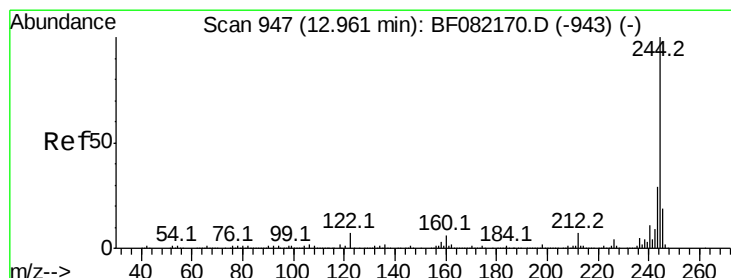
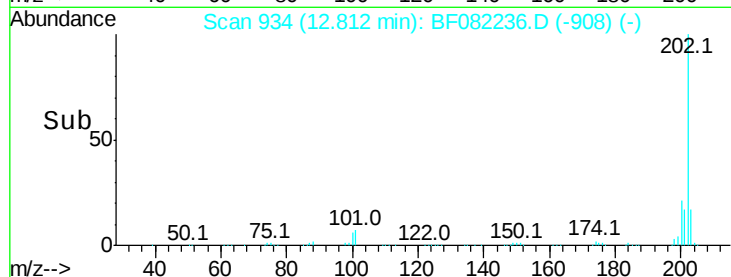
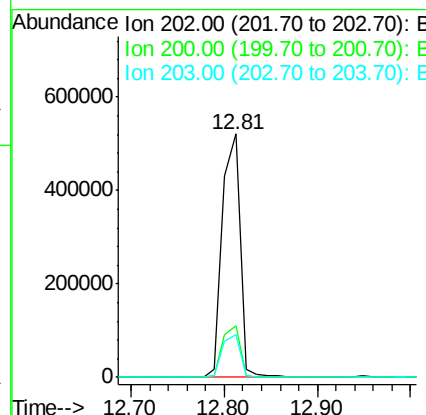
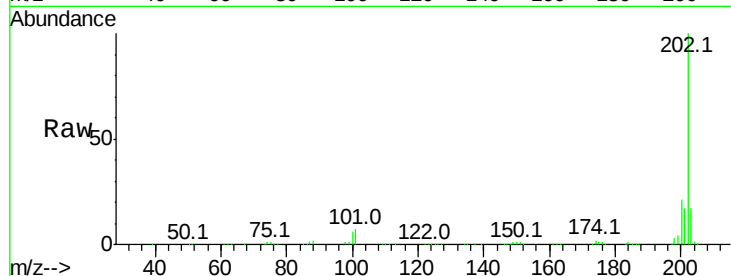
#77
Pvrene
Concen: 38.06 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.9	26.9
203	17.3	14.5	21.7

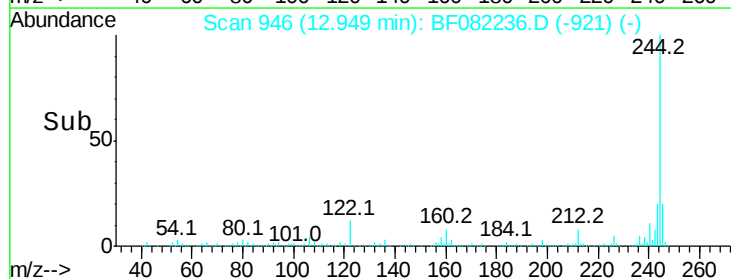
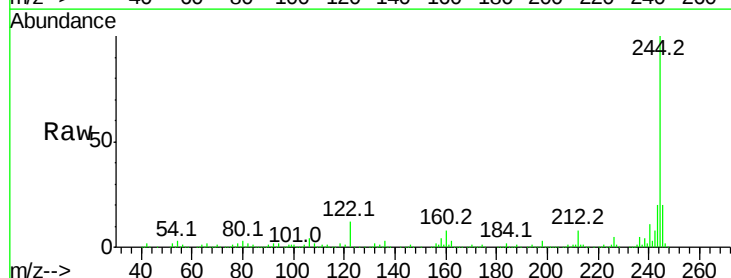
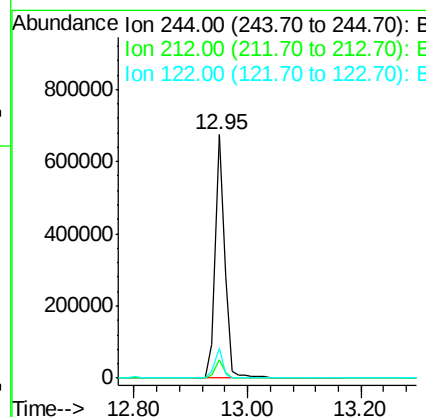
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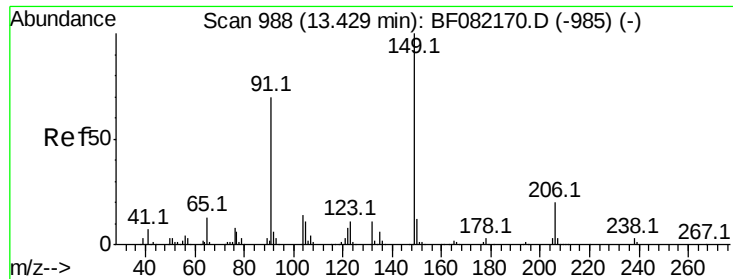
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#78
Terphenyl-d14
Concen: 66.52 ng
RT: 12.95 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	5.8	8.6
122	12.1	5.9	8.9#





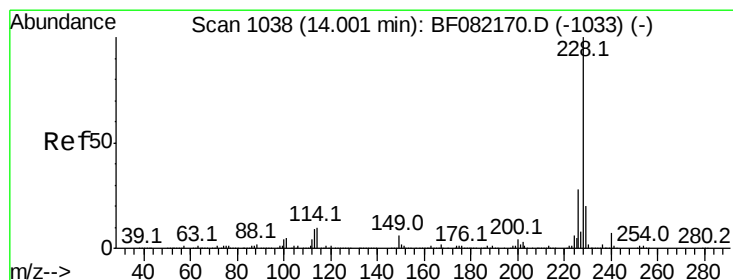
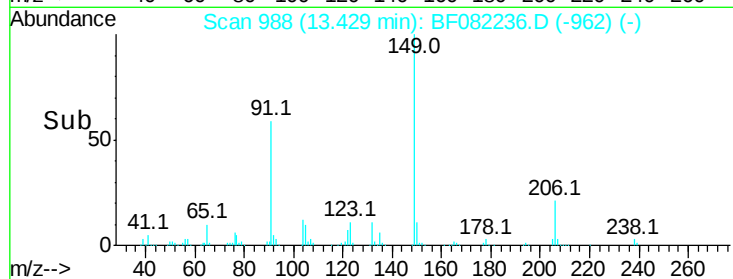
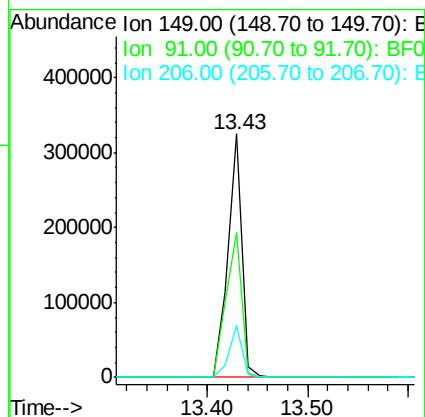
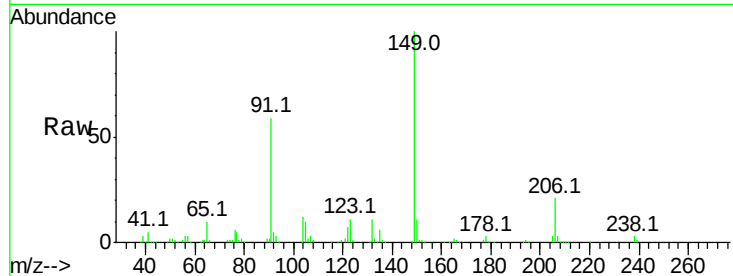
#79
Butylbenzylphthalate
Concen: 38.10 ng
RT: 13.43 min Scan# 988
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	313977		
91	59.5		55.7	83.5
206	21.1		15.6	23.4

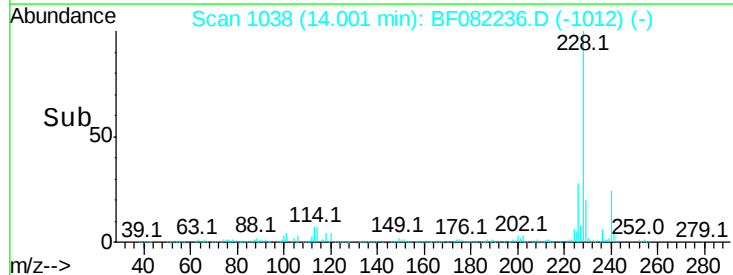
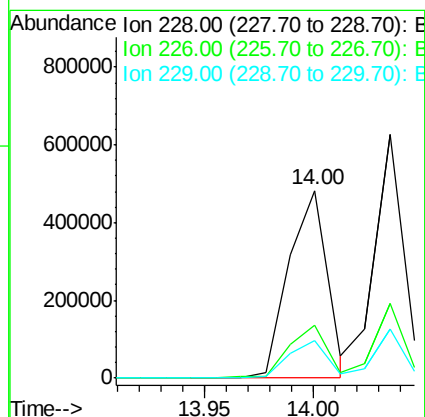
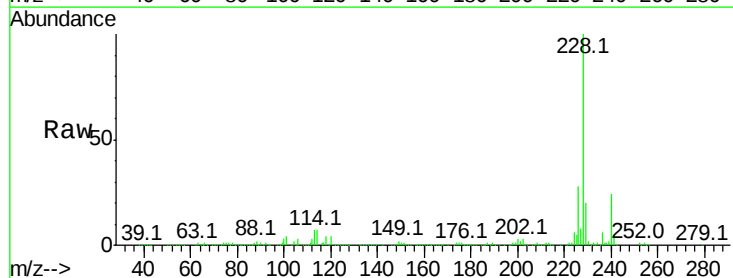
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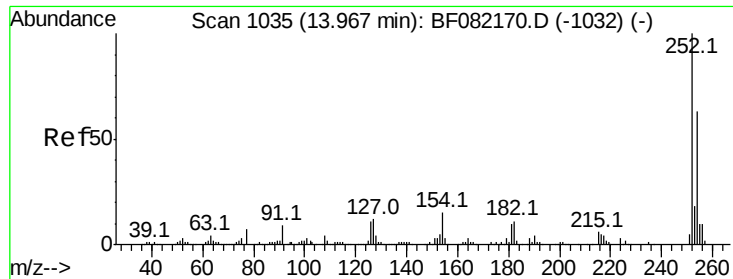
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#80
Benzo(a)anthracene
Concen: 37.89 ng
RT: 14.00 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	600014		
226	27.8		22.3	33.5
229	19.7		16.2	24.2





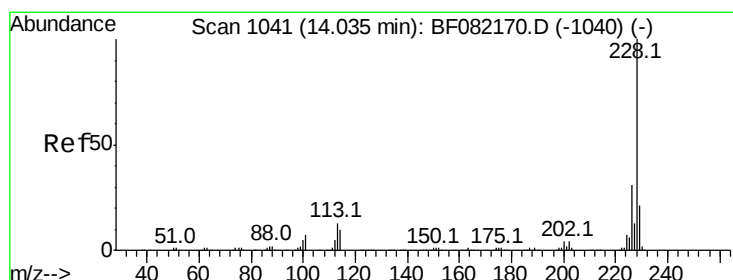
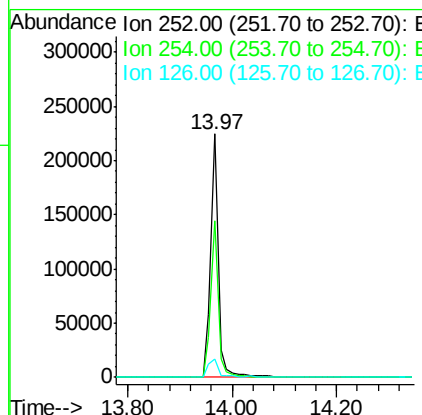
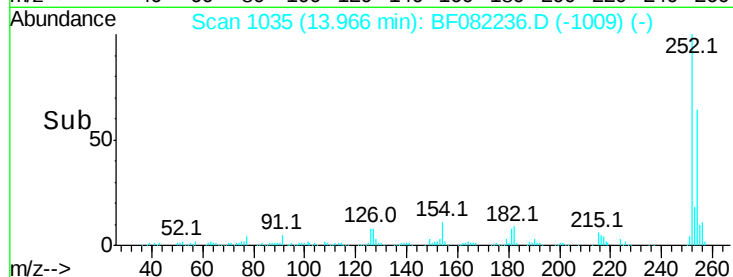
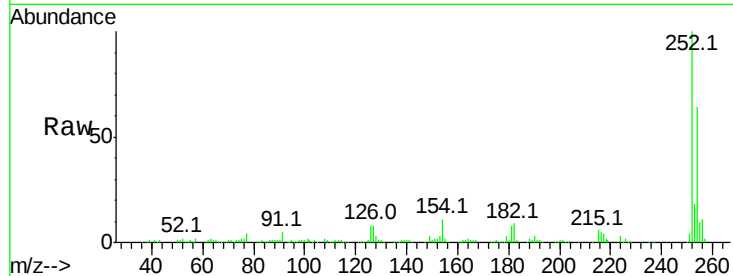
#81
 3,3'-Dichlorobenzidine
 Concen: 38.35 ng
 RT: 13.97 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.4	50.7	76.1
126	7.8	9.0	13.6

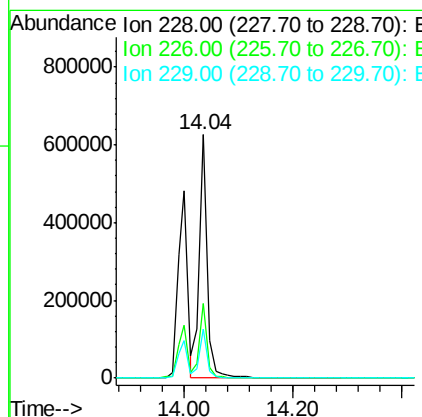
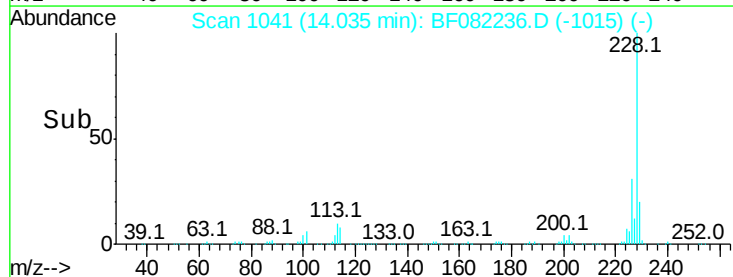
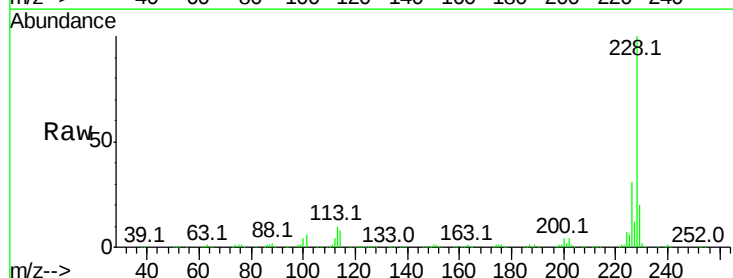
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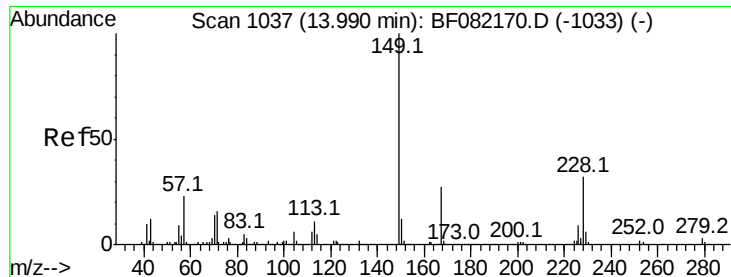
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#82
 Chrysene
 Concen: 37.34 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.0	16.3	24.5





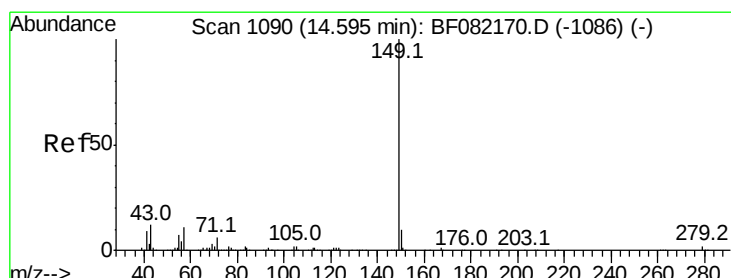
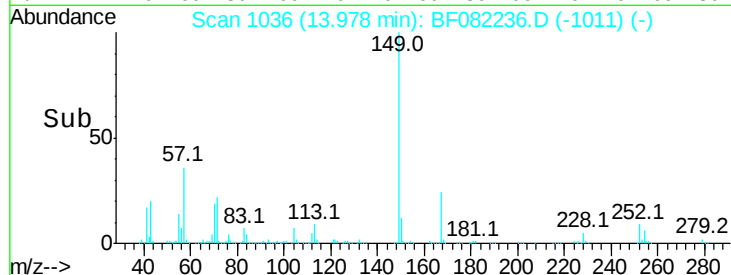
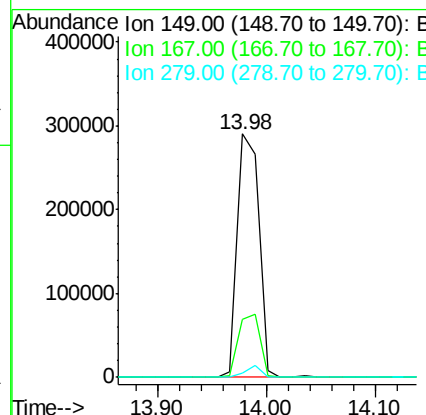
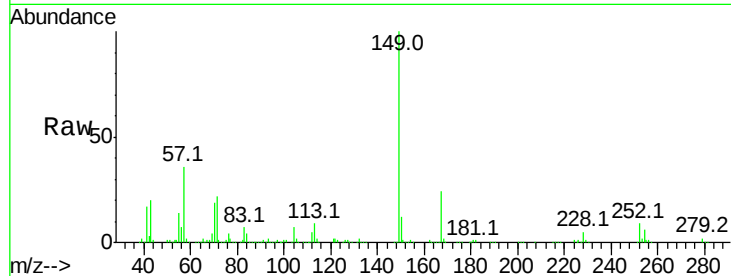
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.65 ng
 RT: 13.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	395721		
167	24.0	21.3	31.9	
279	1.9	2.6	4.0	

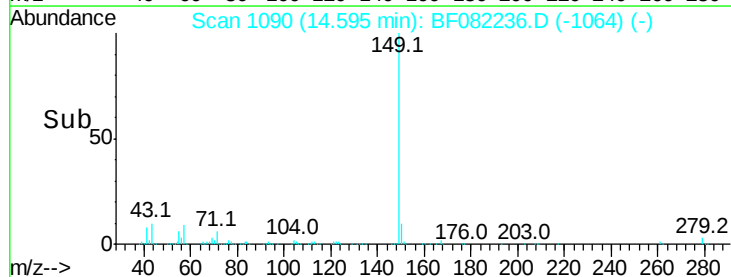
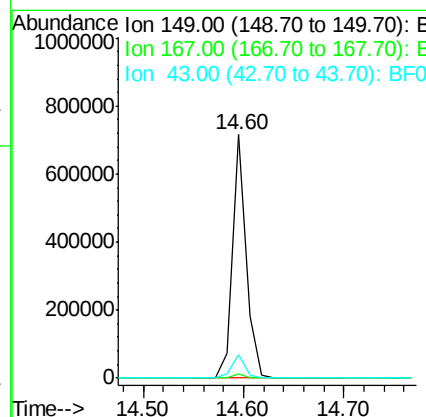
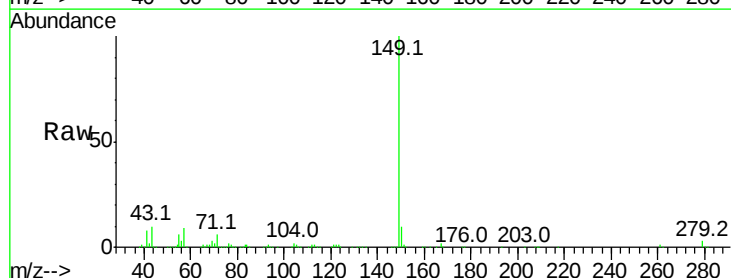
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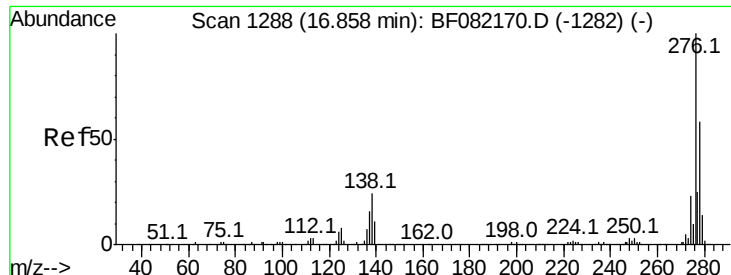
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#84
 Di-n-octyl phthalate
 Concen: 33.40 ng
 RT: 14.60 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	674483		
167	1.5	1.3	1.9	
43	9.8	7.4	11.2	





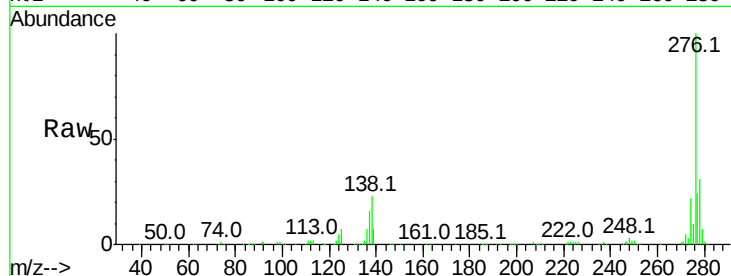
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.74 ng
RT: 16.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

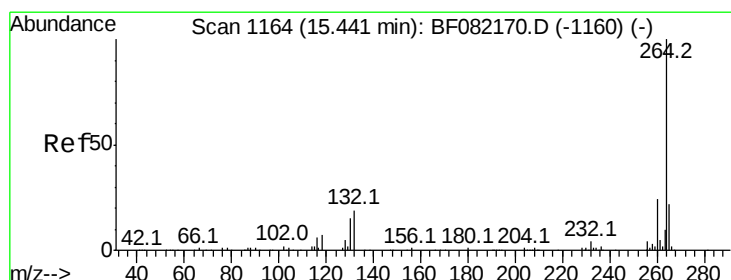
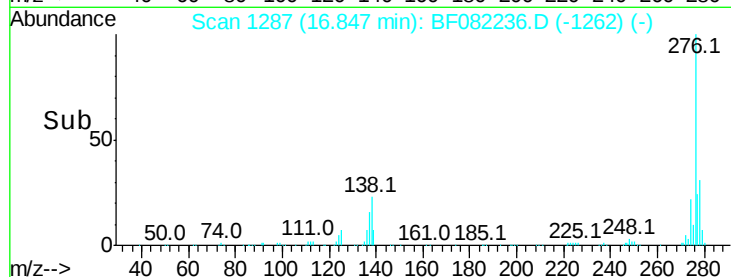
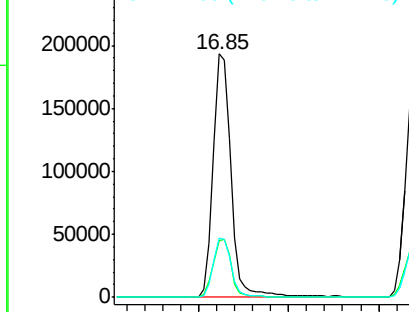
Tot Ion	Ratio	Resp	Lower	Upper
276	100	540230		
138	24.4		19.7	29.5
277	24.6		20.1	30.1

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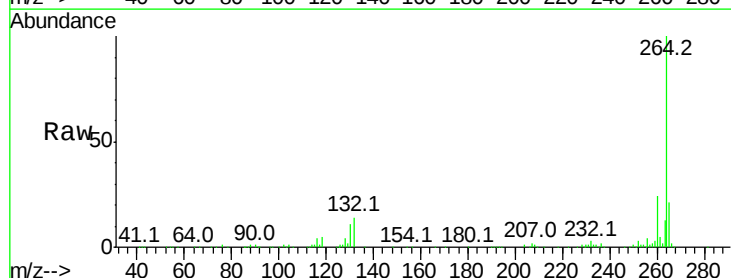


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

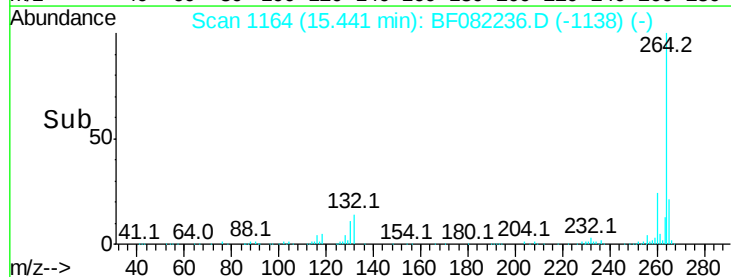
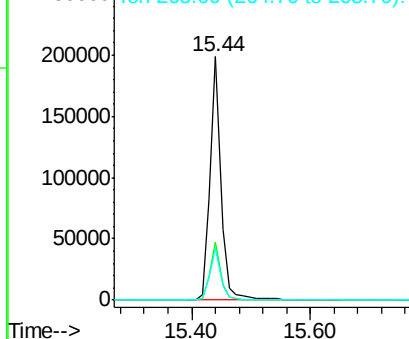


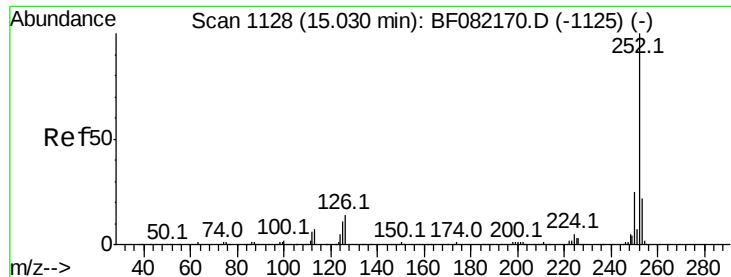
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	255092		
260	23.7		19.0	28.6
265	21.3		17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.03 ng

RT: 15.03 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Instrument :

BNA_F

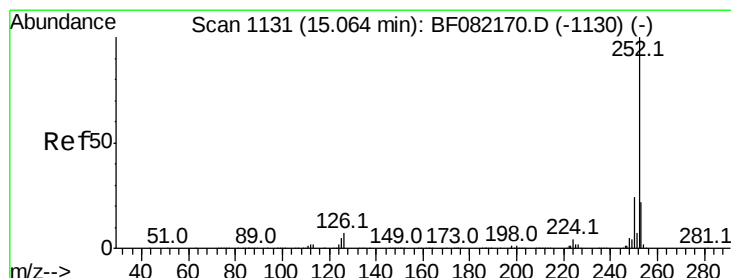
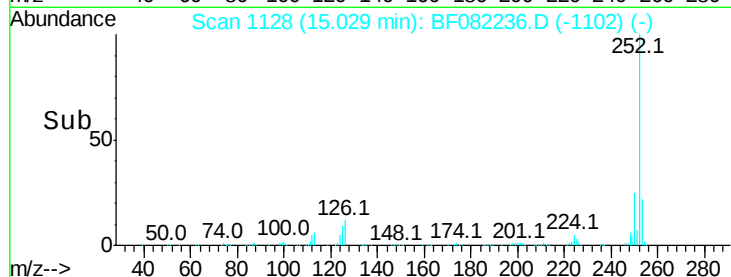
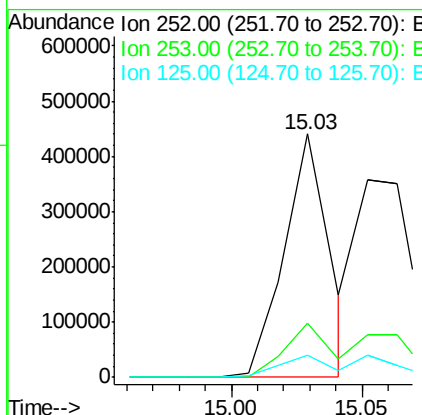
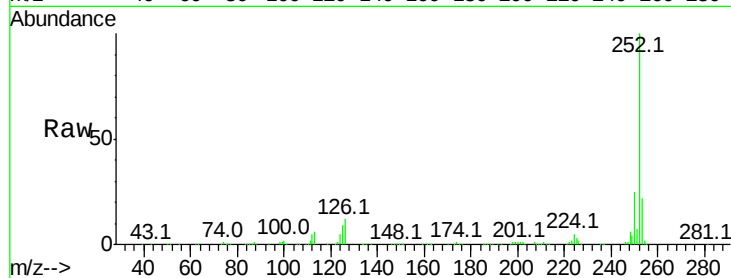
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	528115
Ion Ratio		Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.0	8.6	12.8

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#88

Benzo(k)fluoranthene

Concen: 42.31 ng m

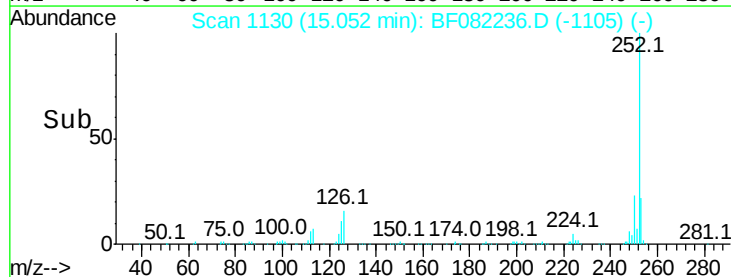
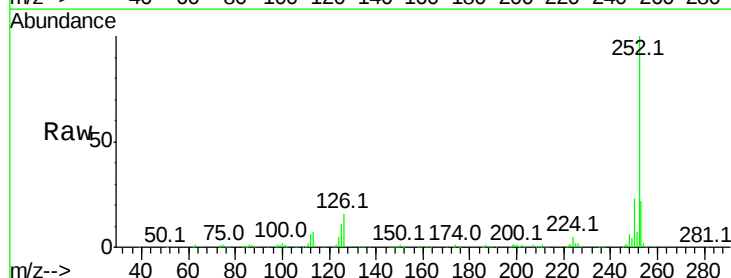
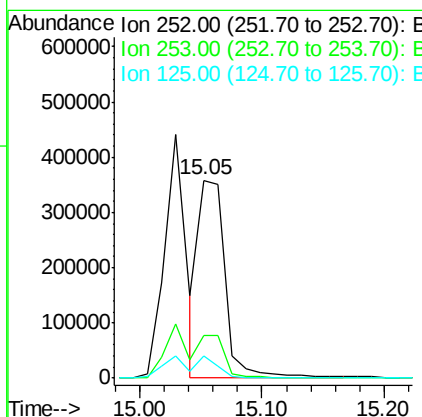
RT: 15.05 min Scan# 1130

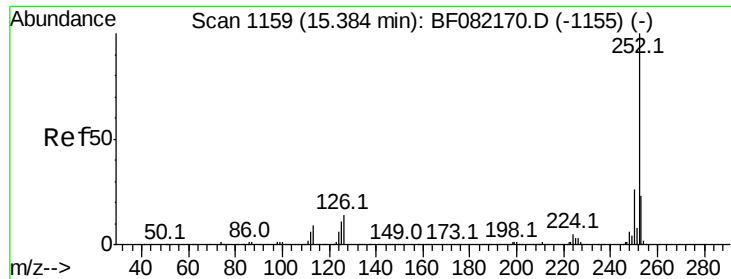
Delta R.T. -0.01 min

Lab File: BF082236.D

Acq: 13 Oct 2015 1:27

Tgt Ion:	252	Resp:	551978
Ion Ratio		Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.9	6.7	10.1#





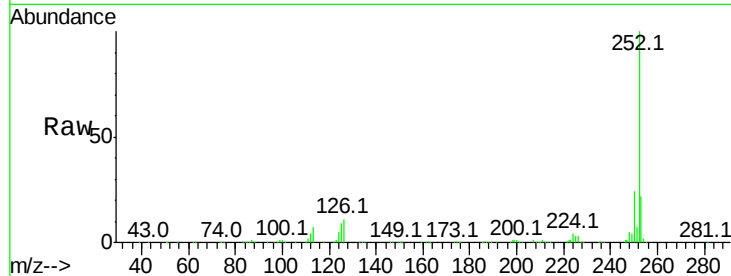
#89
Benzo(a)pyrene
Concen: 37.36 ng
RT: 15.38 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

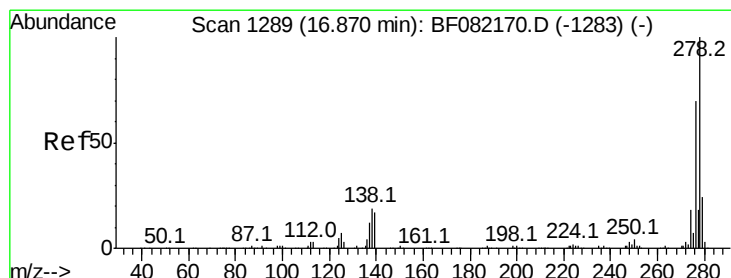
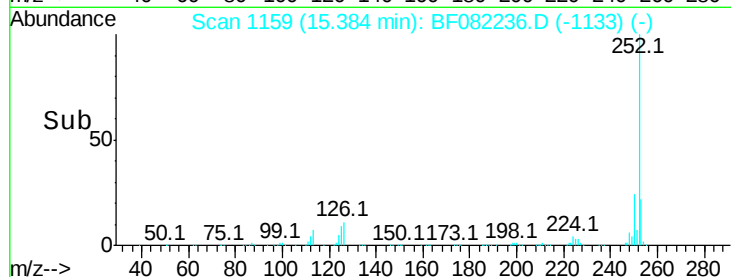
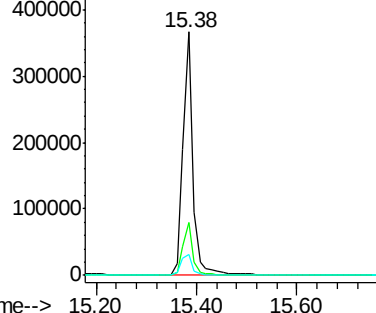
Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.8	8.9	13.3

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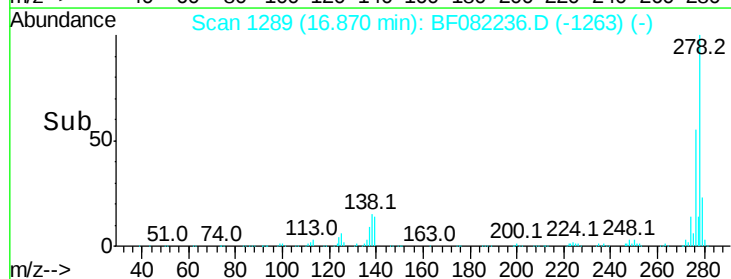
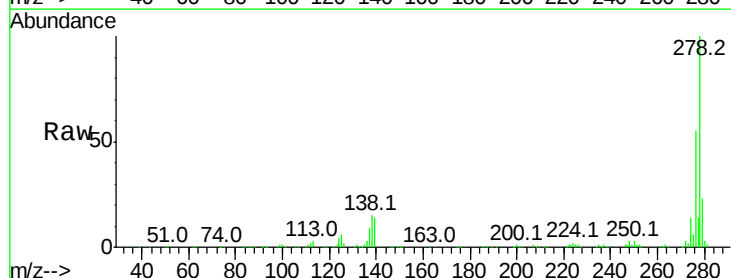
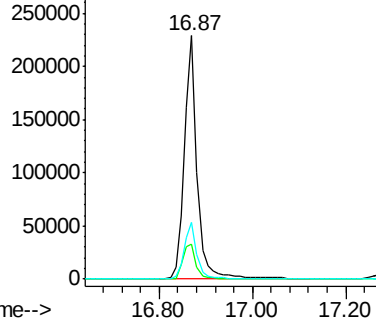
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

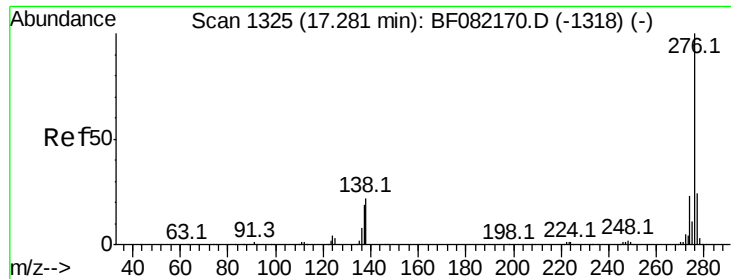


#90
Dibenzo(a,h)anthracene
Concen: 40.53 ng
RT: 16.87 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF082236.D
Acq: 13 Oct 2015 1:27

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	14.2	13.3	19.9
279	23.1	18.9	28.3

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





#91
 Benzo(a,h,i)perylene
 Concen: 40.79 ng
 RT: 17.28 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BF082236.D
 Acq: 13 Oct 2015 1:27

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	433085
Ion Ratio	Lower	Upper	
276	100		
277	23.0	18.8	28.2
138	20.2	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:25:03 PM

