

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082295.D
 Acq On : 15 Oct 2015 8:12
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 10/16/2015 4:15:45 PM

Quant Time: Oct 16 01:05:00 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	6.82	152	114436	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	447792	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	222318	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	429797	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	315462	20.00	ng	0.08
86) Perylene-d12	15.66	264	266298	20.00	ng	0.22

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	433822	76.51	ng	-0.01
7) Phenol-d6	6.47	99	560560	75.97	ng	-0.01
23) Nitrobenzene-d5	7.41	82	544435	81.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	182555	87.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1096512	81.79	ng	-0.01
78) Terphenyl-d14	12.97	244	1094008	91.90	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	99171	34.81	ng	97
3) Pyridine	3.09	79	263650	39.79	ng	97
4) n-Nitrosodimethylamine	3.05	42	108160	38.49	ng	98
6) Aniline	6.49	93	383503	40.31	ng	96
8) 2-Chlorophenol	6.61	128	251475	36.33	ng	# 80
9) Benzaldehyde	6.38	77	159915	42.44	ng	94
10) Phenol	6.48	94	306321	36.01	ng	86
11) bis(2-Chloroethyl)ether	6.57	93	265271	36.87	ng	95
12) 1,3-Dichlorobenzene	6.77	146	314475	39.01	ng	97
13) 1,4-Dichlorobenzene	6.85	146	322978	38.37	ng	98
14) 1,2-Dichlorobenzene	6.99	146	277290	34.69	ng	98
15) Benzyl Alcohol	6.97	79	203141	39.88	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	356906	35.63	ng	97
17) 2-Methylphenol	7.10	107	216324	39.52	ng	100
18) Hexachloroethane	7.34	117	112286	38.97	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	196195	37.86	ng	98
20) 3+4-Methylphenols	7.25	107	238157	36.51	ng	91
22) Acetophenone	7.25	105	347697	39.25	ng	97
24) Nitrobenzene	7.42	77	259480	35.95	ng	100
25) Isophorone	7.66	82	521293	38.73	ng	99
26) 2-Nitrophenol	7.74	139	159968	44.39	ng	96
27) 2,4-Dimethylphenol	7.78	122	239522	41.25	ng	93
28) bis(2-Chloroethoxy)methane	7.87	93	327102	41.77	ng	99
29) 2,4-Dichlorophenol	7.98	162	232248	40.01	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	262333	39.21	ng	97
31) Naphthalene	8.14	128	712300	36.70	ng	100
32) Benzoic acid	7.91	122	104707	26.87	ng	96
33) 4-Chloroaniline	8.19	127	327887	40.67	ng	100
34) Hexachlorobutadiene	8.25	225	166627	39.97	ng	98
35) Caprolactam	8.58	113	65192	38.70	ng	# 77
36) 4-Chloro-3-methylphenol	8.69	107	247200	43.55	ng	89
37) 2-Methylnaphthalene	8.83	142	562573	41.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	247621	37.45	ng	98
40) Hexachlorocyclopentadiene	8.98	237	81690	30.18	ng	100

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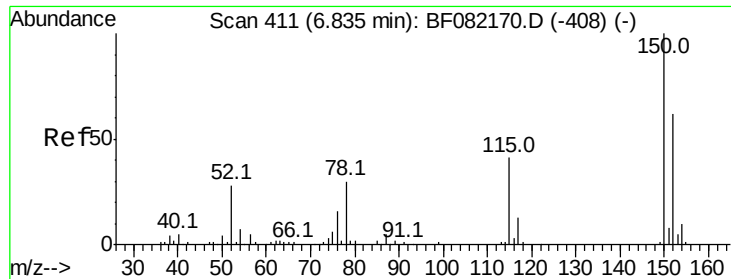
Manual Integrations
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 10/16/2015 4:15:45 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	179961	40.97	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	177464	37.30	nq	# 89
45) 1,1'-Biphenyl	9.30	154	691138	40.77	nq	95
46) 2-Chloronaphthalene	9.33	162	546207	40.93	nq	97
47) 2-Nitroaniline	9.43	65	162572	44.37	nq	# 75
48) Acenaphthylene	9.74	152	765442	36.82	nq	99
49) Dimethylphthalate	9.61	163	637868	40.74	nq	# 98
50) 2,6-Dinitrotoluene	9.67	165	124562	37.71	nq	# 78
51) Acenaphthene	9.91	154	469904	37.65	nq	99
52) 3-Nitroaniline	9.84	138	143534	38.47	nq	90
53) 2,4-Dinitrophenol	9.94	184	51081	31.86	nq	# 72
54) Dibenzofuran	10.08	168	630195	36.78	nq	97
55) 4-Nitrophenol	10.01	139	92632	43.77	nq	91
56) 2,4-Dinitrotoluene	10.07	165	174591	42.29	nq	91
57) Fluorene	10.42	166	517257	36.75	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	166097	42.73	nq	92
59) Diethylphthalate	10.31	149	617110	42.29	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	272458	42.26	nq	# 80
61) 4-Nitroaniline	10.46	138	150152	41.49	nq	93
62) Azobenzene	10.58	77	565979	39.63	nq	85
64) 4,6-Dinitro-2-methylphenol	10.48	198	84855	35.18	nq	# 62
65) n-Nitrosodiphenylamine	10.54	169	485478	37.73	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	170615	39.67	nq	# 82
67) Hexachlorobenzene	10.97	284	172582	37.10	nq	# 75
68) Atrazine	11.07	200	170930	41.93	nq	99
69) Pentachlorophenol	11.17	266	96839	40.45	nq	97
70) Phenanthrene	11.39	178	847528	40.23	nq	99
71) Anthracene	11.44	178	820189	37.78	nq	99
72) Carbazole	11.60	167	722217	36.47	nq	98
73) Di-n-butylphthalate	11.93	149	1018252	41.68	nq	99
74) Fluoranthene	12.58	202	846805	37.43	nq	99
76) Benzidine	12.71	184	412494	45.12	nq	100
77) Pyrene	12.81	202	804869	42.99	nq	99
79) Butylbenzylphthalate	13.46	149	415867	48.68	nq	89
80) Benzo(a)anthracene	14.07	228	639298	38.95	nq	100
81) 3,3'-Dichlorobenzidine	14.04	252	251908	40.43	nq	99
82) Chrysene	14.12	228	646788	37.40	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	529376	43.43	nq	99
84) Di-n-octyl phthalate	14.77	149	793283	37.90	nq	100
85) Indeno(1,2,3-cd)pyrene	17.11	276	641921	46.70	nq	100
87) Benzo(b)fluoranthene	15.24	252	609846	37.64	nq	# 96
88) Benzo(k)fluoranthene	15.26	252	483875m	35.53	nq	
89) Benzo(a)pyrene	15.59	252	523176	37.57	nq	99
90) Dibenzo(a,h)anthracene	17.12	278	544094	47.68	nq	99
91) Benzo(g,h,i)perylene	17.54	276	547686	49.41	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

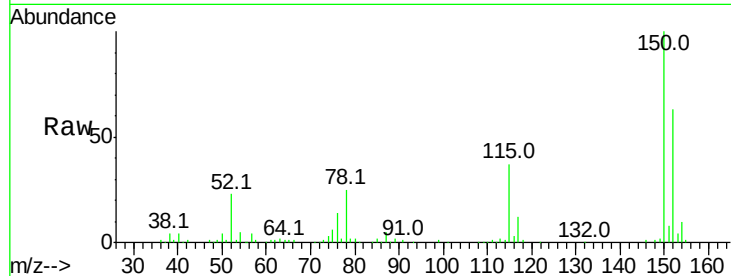
ClientSampleId :

SSTDCCC040

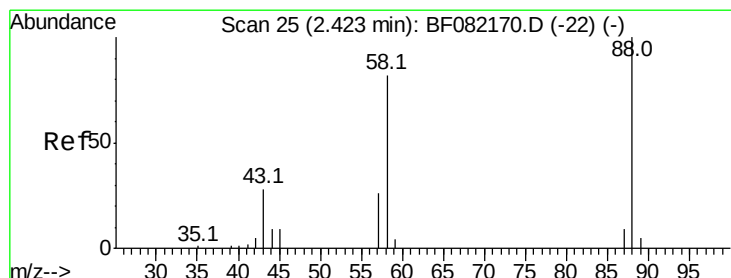
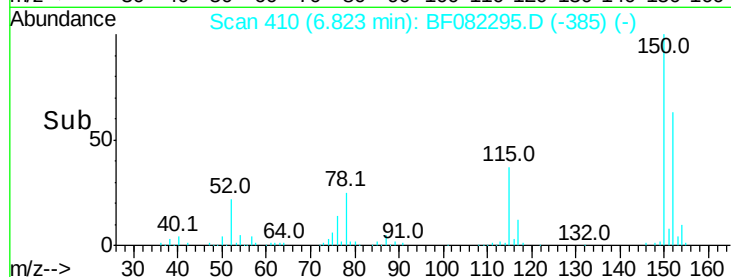
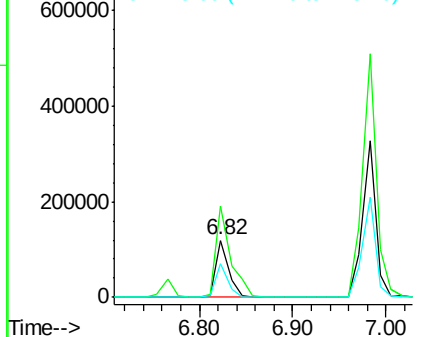
Tot Ion:	152	Resp:	114436
Ion Ratio	Lower	Upper	
152	100		
150	159.8	129.0	193.4
115	59.9	52.1	78.1

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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: 34.81 ng

RT: 2.37 min Scan# 20

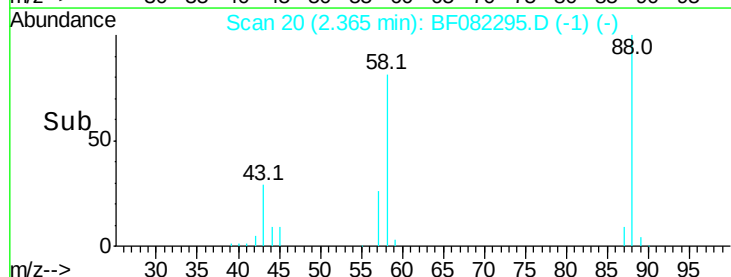
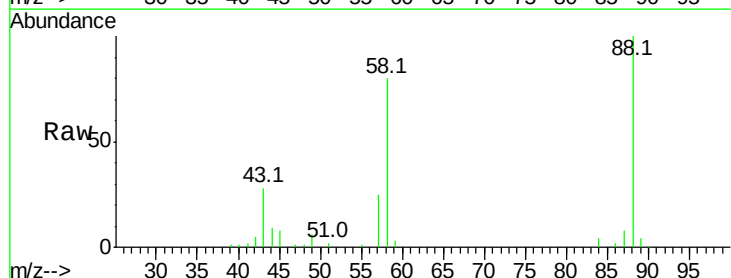
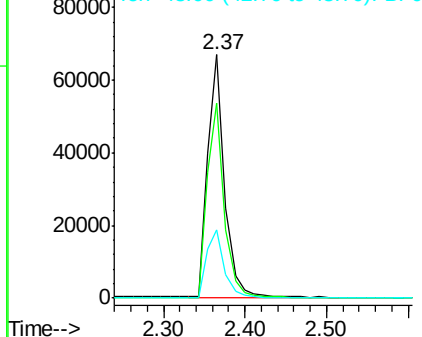
Delta R.T. -0.06 min

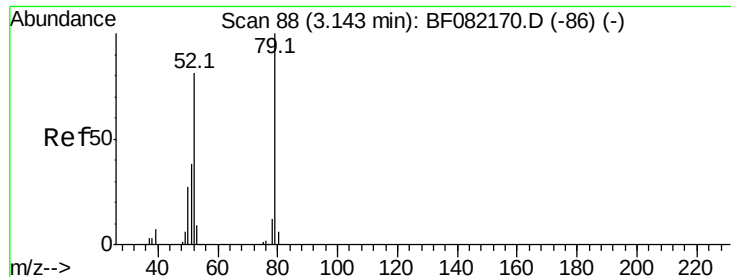
Lab File: BF082295.D

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Tgt Ion:	88	Resp:	99171
Ion Ratio	Lower	Upper	
88	100		
58	79.7	66.2	99.4
43	28.8	23.0	34.4

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





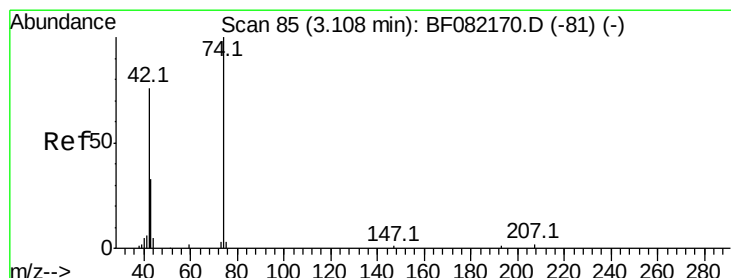
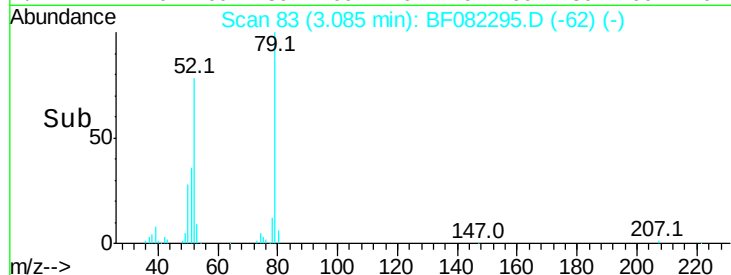
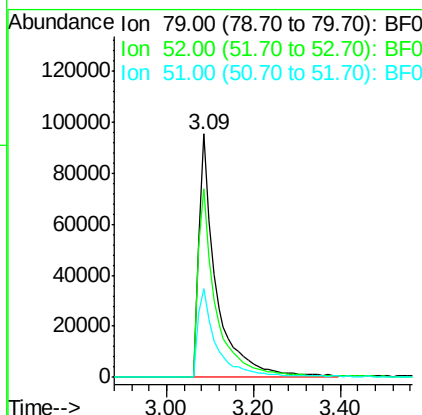
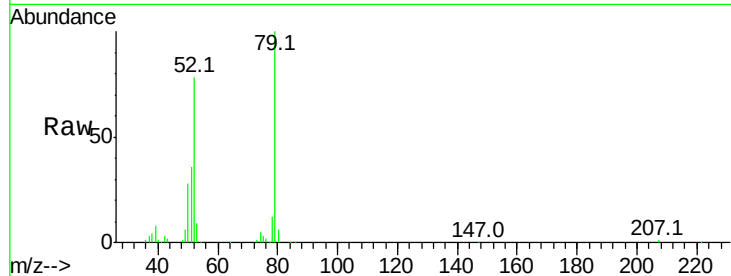
#3
 Pvridine
 Concen: 39.79 ng
 RT: 3.09 min Scan# 83
 Delta R.T. -0.06 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	77.7	64.4	96.6
51	36.4	30.5	45.7

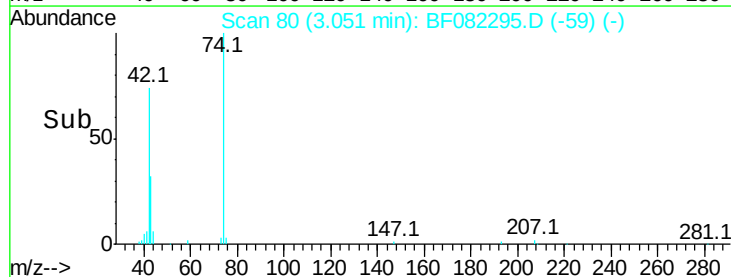
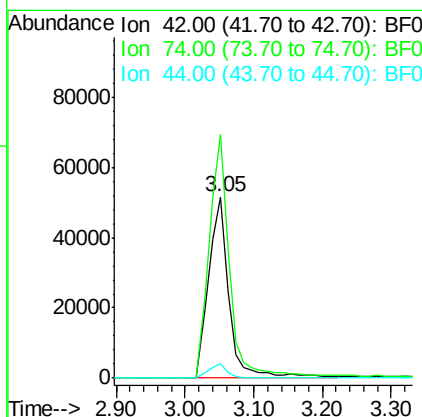
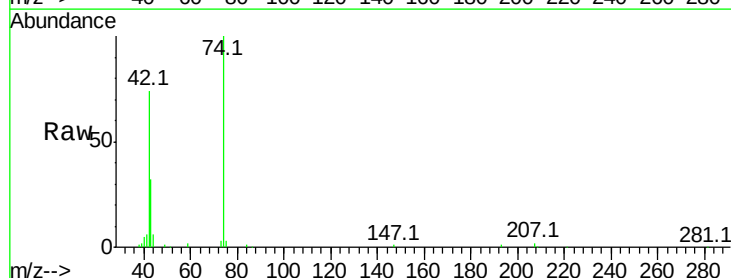
Manual Integrations
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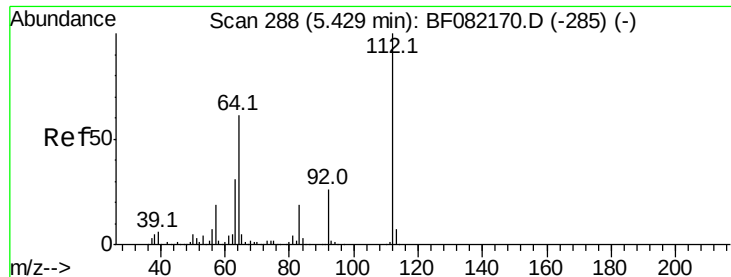
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#4
 n-Nitrosodimethylamine
 Concen: 38.49 ng
 RT: 3.05 min Scan# 80
 Delta R.T. -0.06 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	134.3	105.7	158.5
44	7.7	5.4	8.2





#5

2-Fluorophenol

Concen: 76.51 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

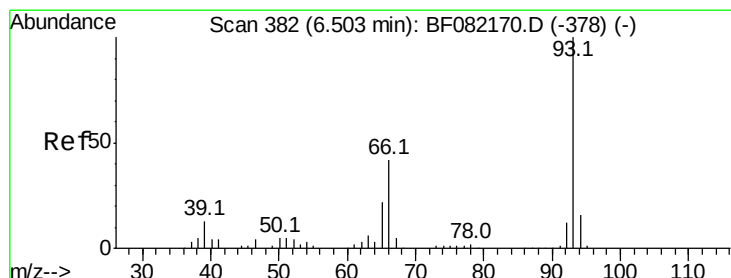
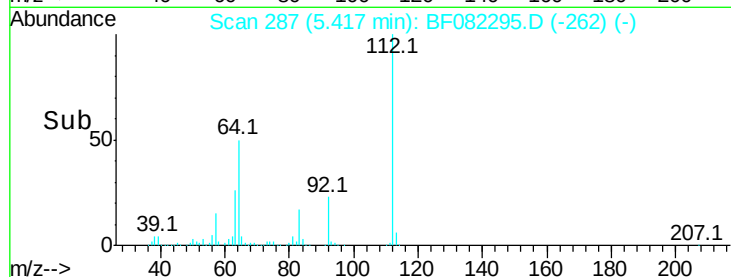
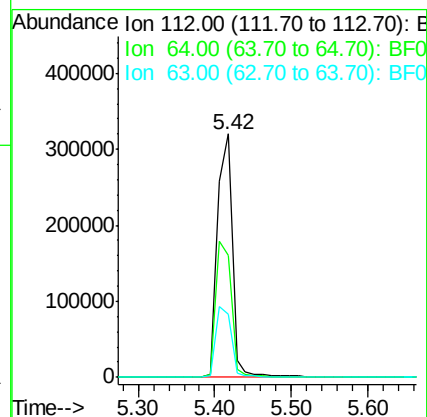
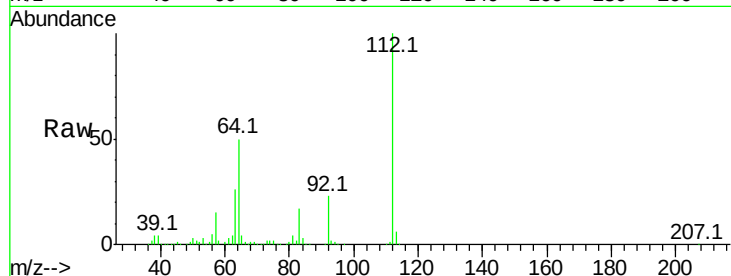
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	433822
Ion Ratio	Lower	Upper	
112	100		
64	49.9	48.6	73.0
63	25.8	25.1	37.7

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#6

Aniline

Concen: 40.31 ng

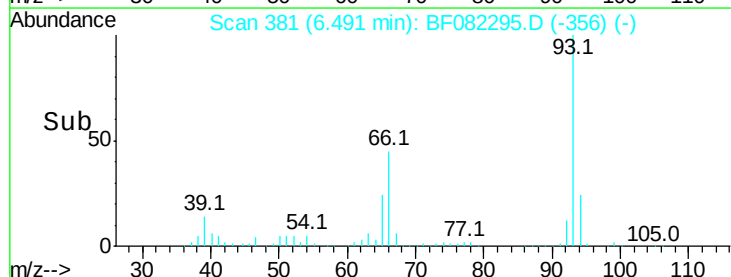
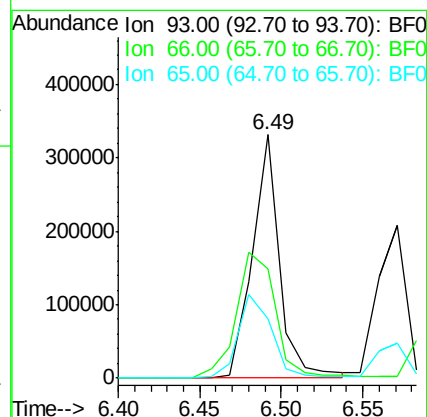
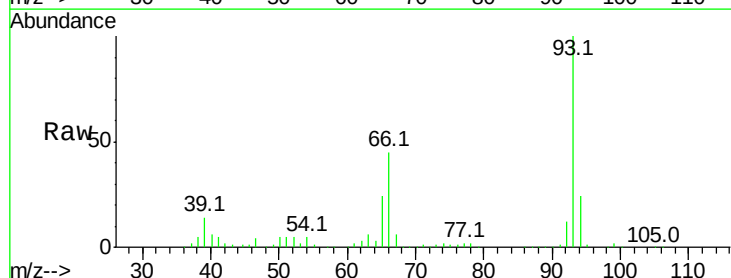
RT: 6.49 min Scan# 381

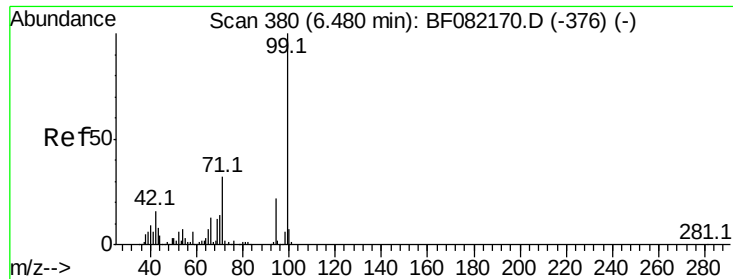
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	93	Resp:	383503
Ion Ratio	Lower	Upper	
93	100		
66	44.8	34.2	51.2
65	24.3	17.9	26.9





#7

Phenol-d6

Concen: 75.97 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

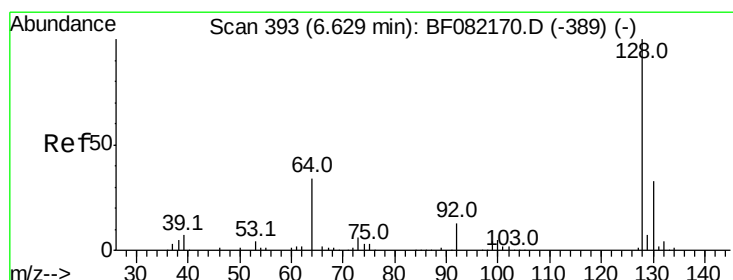
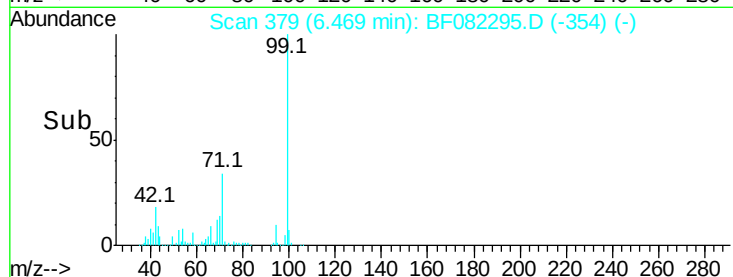
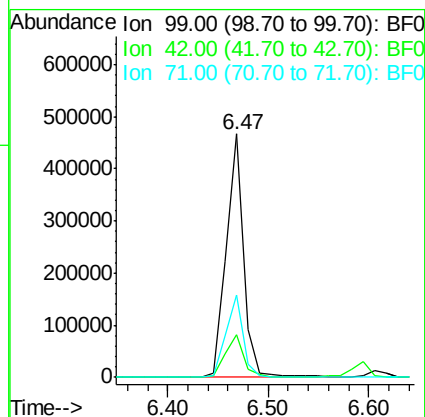
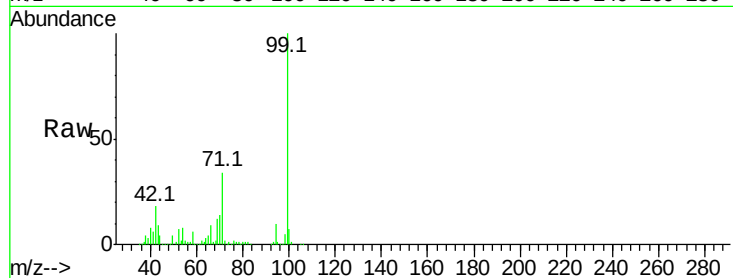
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Tot Ion:	99	Resp:	560560
Ion Ratio	Lower	Upper	
99	100		
42	17.7	13.2	19.8
71	33.8	25.6	38.4

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#8

2-Chlorophenol

Concen: 36.33 ng

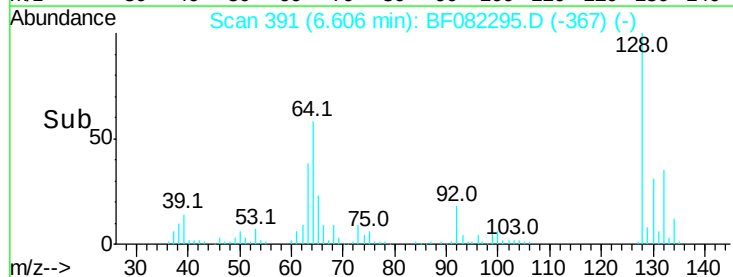
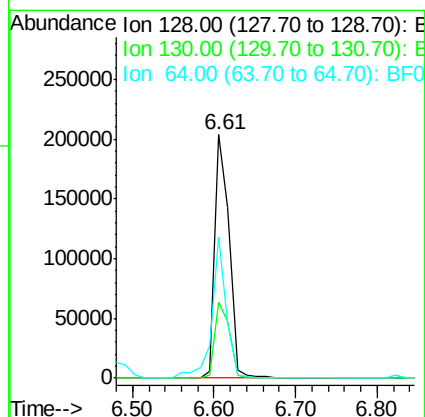
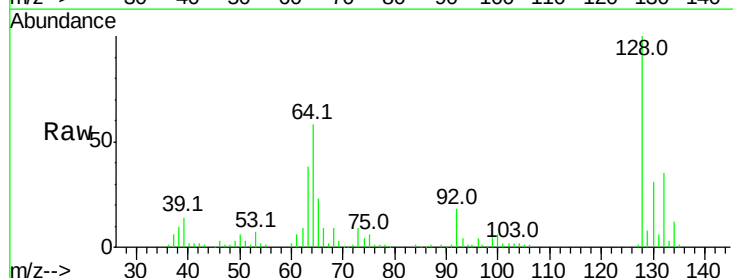
RT: 6.61 min Scan# 391

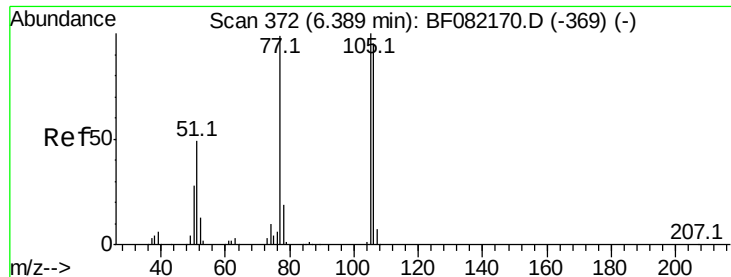
Delta R.T. -0.02 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	128	Resp:	251475
Ion Ratio	Lower	Upper	
128	100		
130	31.4	12.6	52.6
64	58.3	16.7	56.7#





#9

Benzaldehyde

Concen: 42.44 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

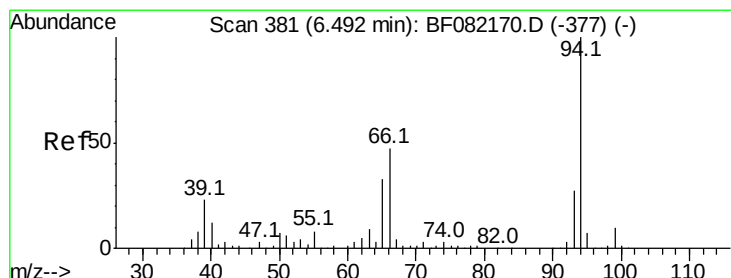
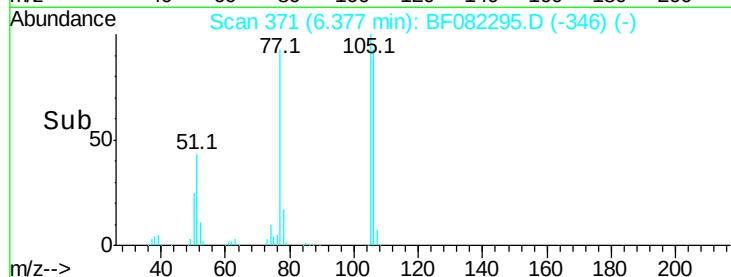
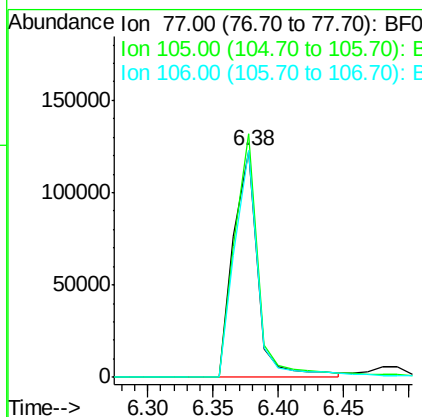
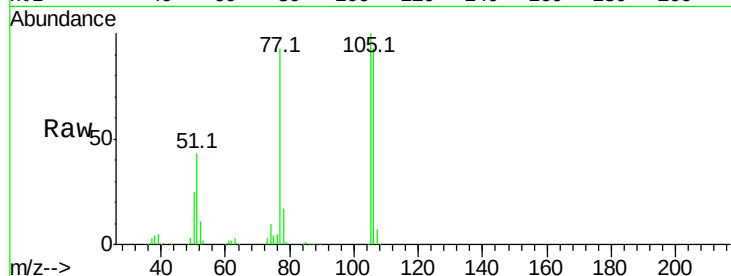
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100	159915		
105	107.7	80.6	120.6	
106	100.5	75.5	115.5	

Manual Integrations
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#10

Phenol

Concen: 36.01 ng

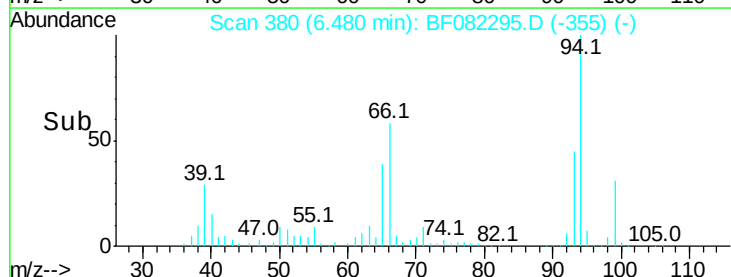
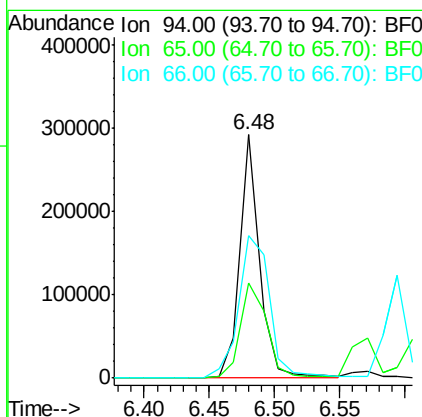
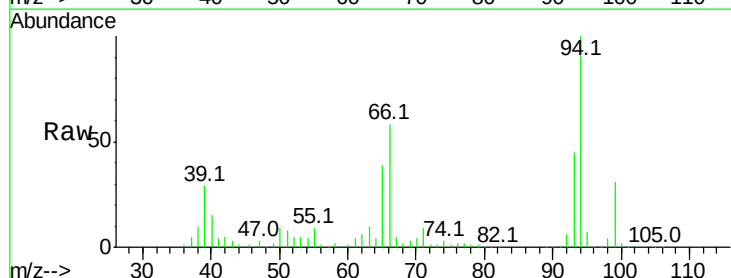
RT: 6.48 min Scan# 380

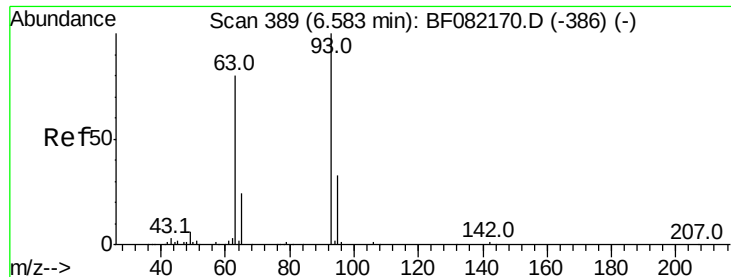
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	306321		
65	39.0	12.6	52.6	
66	58.4	27.3	67.3	





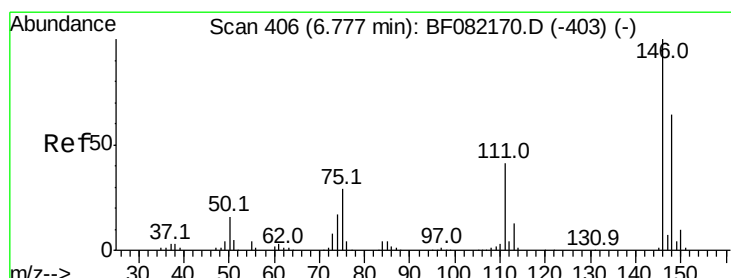
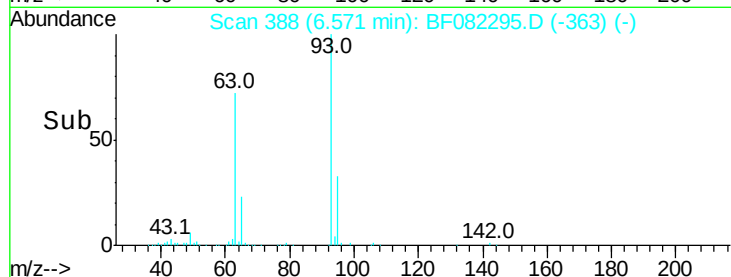
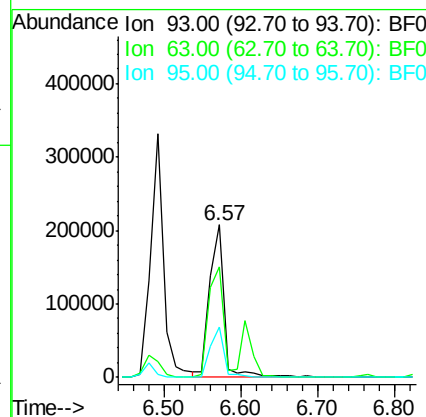
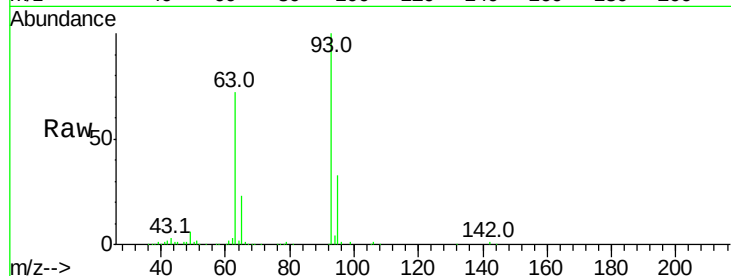
#11
bis(2-Chloroethyl)ether
Concen: 36.87 ng
RT: 6.57 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100	265271		
63	72.5		57.1	97.1
95	33.3		11.9	51.9

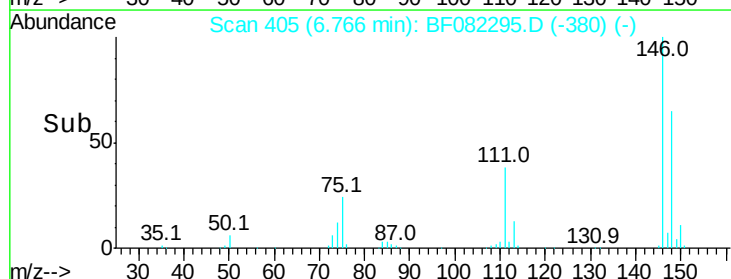
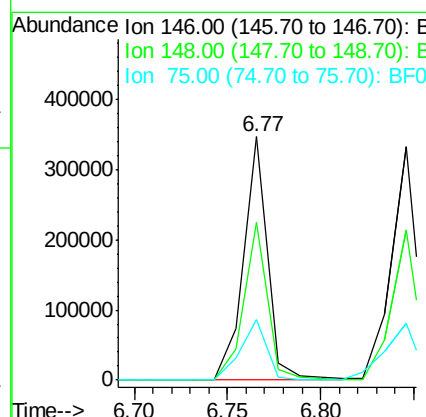
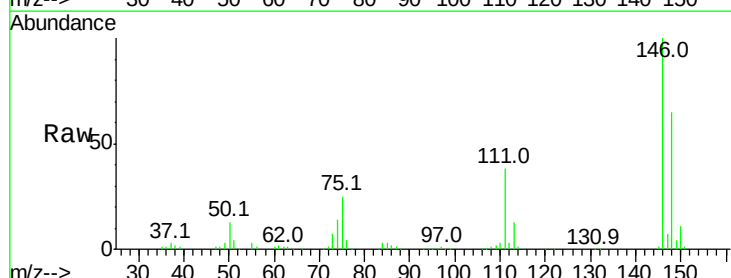
Manual Integrations
APPROVED

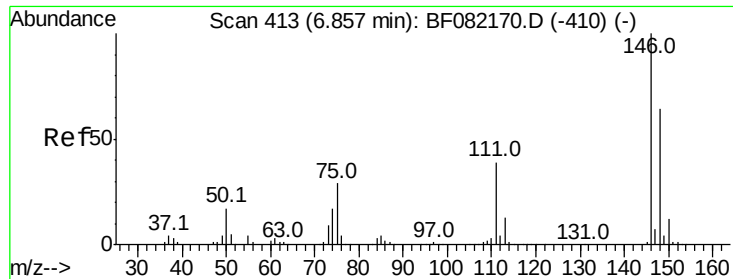
MMdadoda
10/16/2015 4:15:45 PM



#12
1,3-Dichlorobenzene
Concen: 39.01 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314475		
148	64.8		51.4	77.2
75	25.0		23.0	34.6





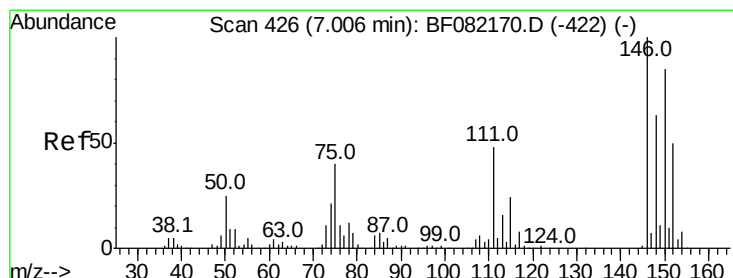
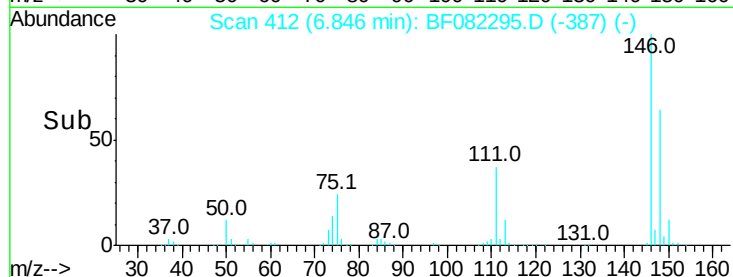
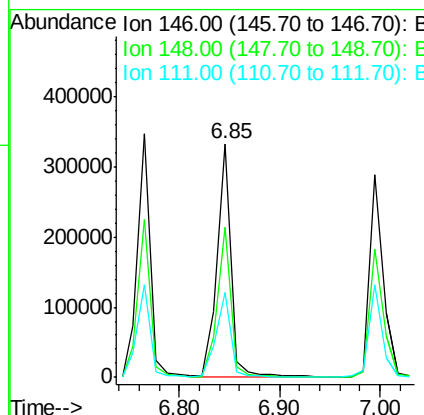
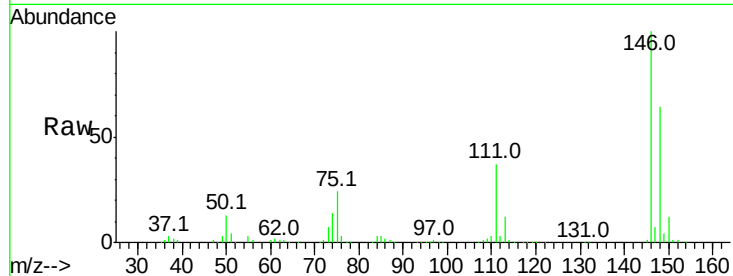
#13
1,4-Dichlorobenzene
Concen: 38.37 ng
RT: 6.85 min Scan# 412
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	64.5	51.0	76.4
111	36.5	31.1	46.7

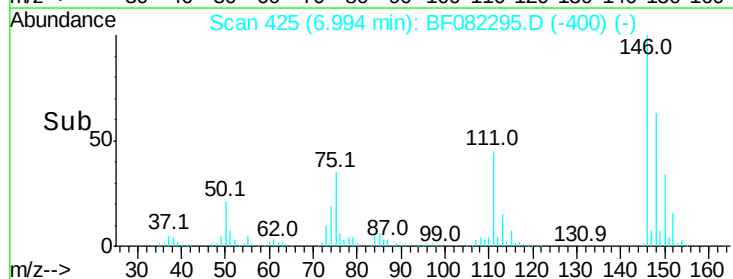
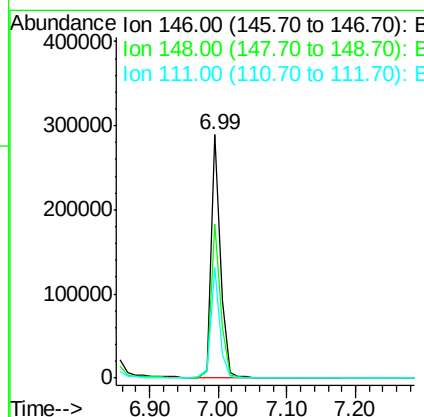
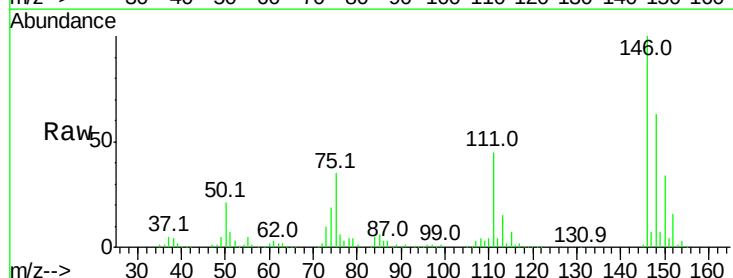
Manual Integrations
APPROVED

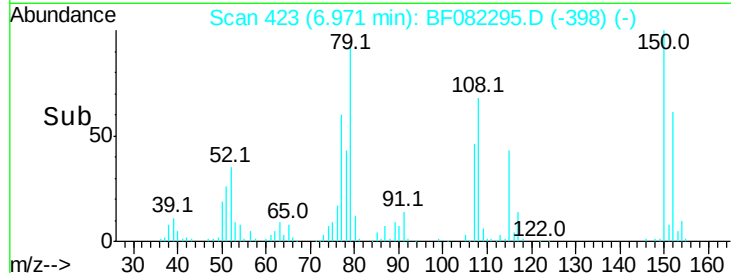
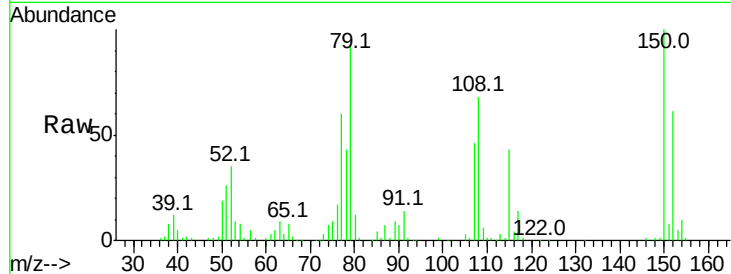
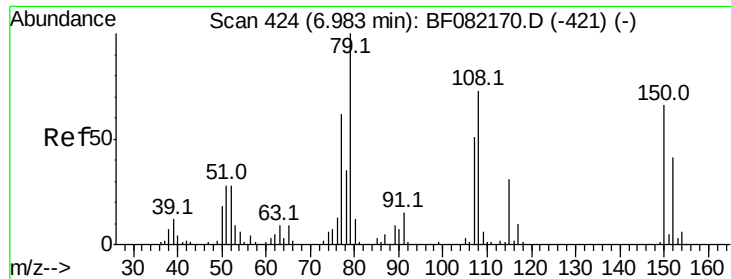
MMdadoda
10/16/2015 4:15:45 PM



#14
1,2-Dichlorobenzene
Concen: 34.69 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.3	50.5	75.7
111	45.5	38.5	57.7





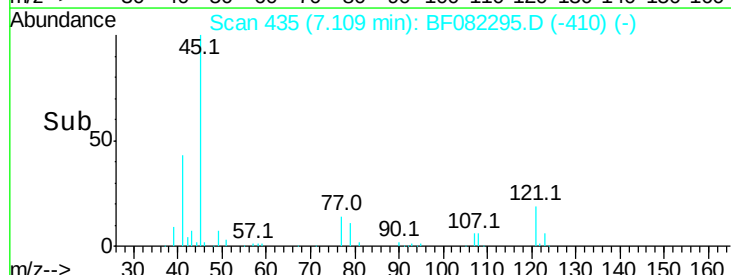
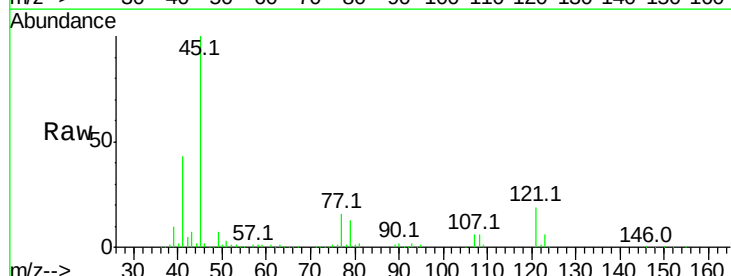
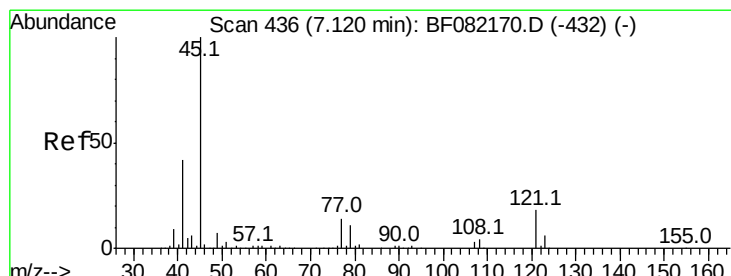
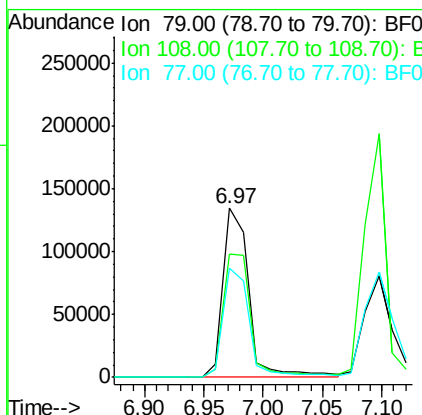
#15
Benzvl Alcohol
Concen: 39.88 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.9	58.4	87.6
77	64.4	49.8	74.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

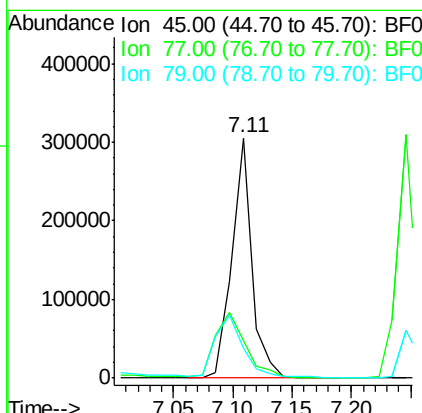
Manual Integrations
APPROVED

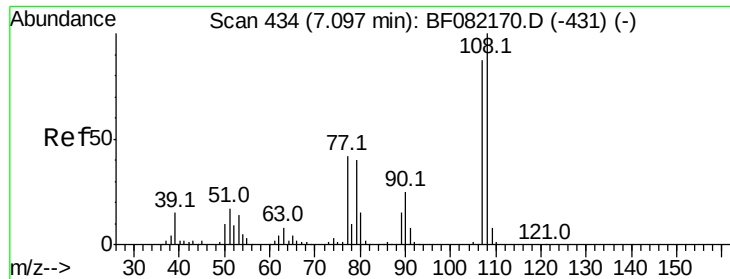
MMdadoda
10/16/2015 4:15:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.63 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.5
79	12.5	0.0	31.6





#17

2-Methylphenol

Concen: 39.52 ng

RT: 7.10 min Scan# 434

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

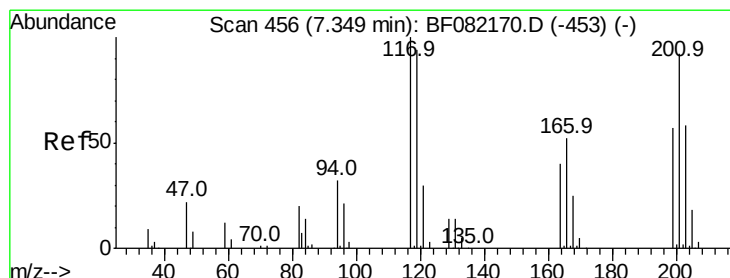
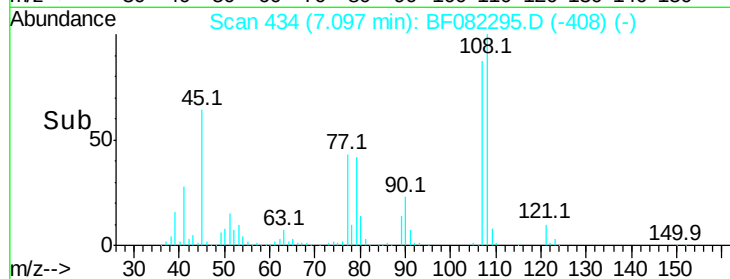
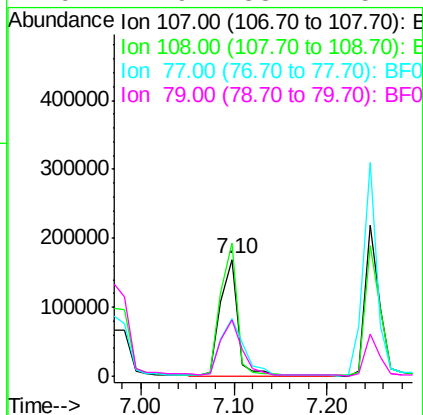
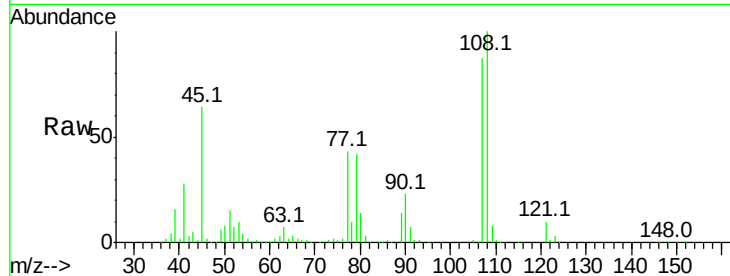
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100	216324		
108	114.5	92.2	138.2	
77	49.7	39.6	59.4	
79	47.9	38.2	57.4	

Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:45 PM



#18

Hexachloroethane

Concen: 38.97 ng

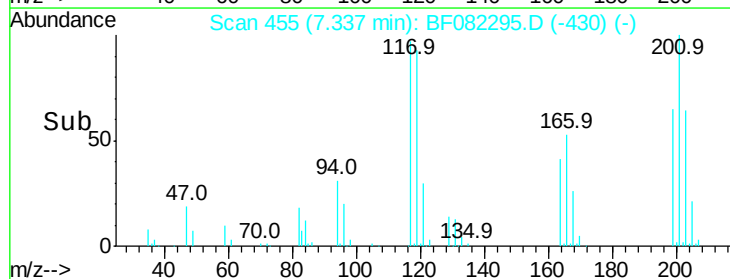
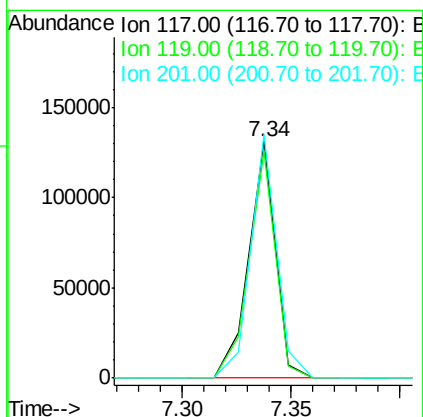
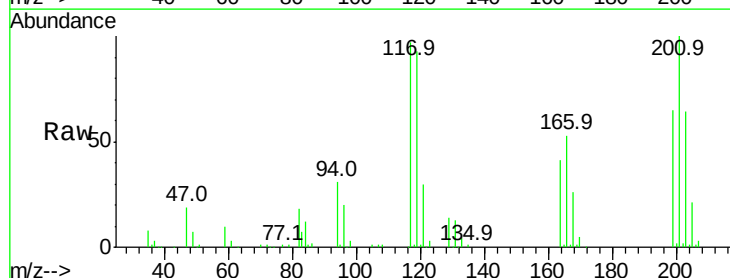
RT: 7.34 min Scan# 455

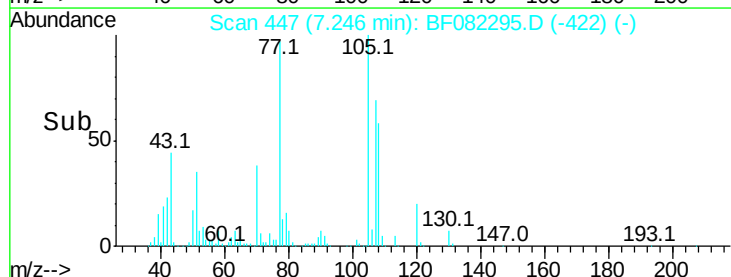
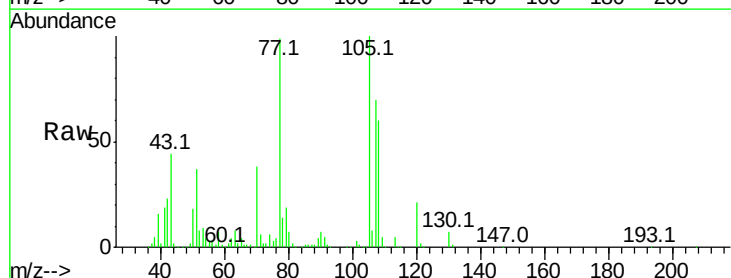
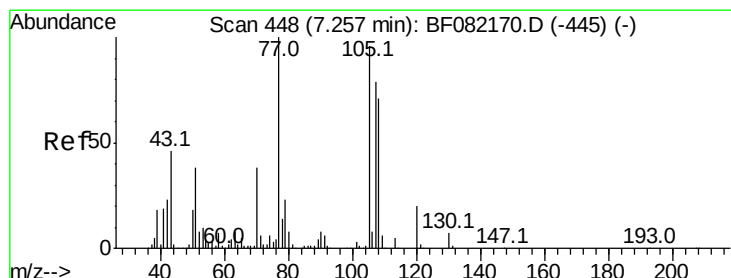
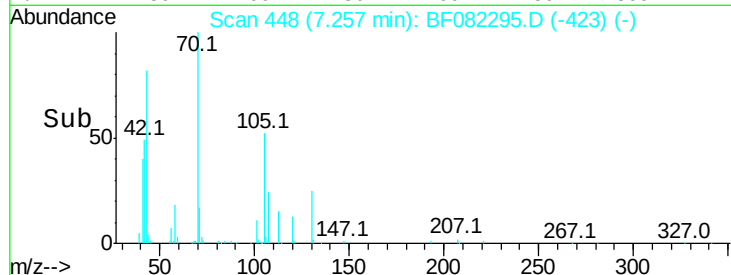
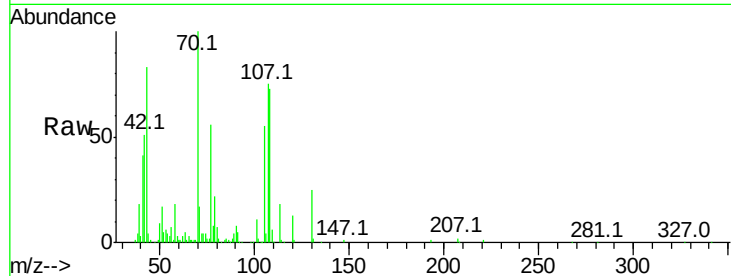
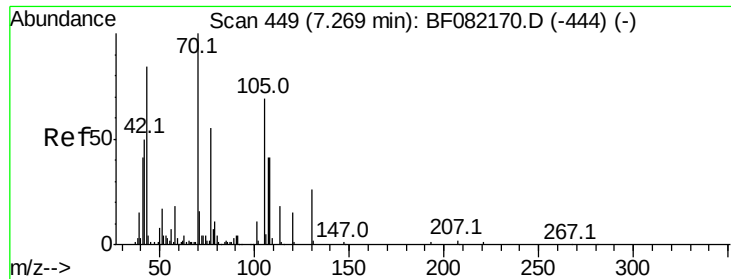
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112286		
119	95.6	75.4	113.2	
201	102.8	73.4	110.0	





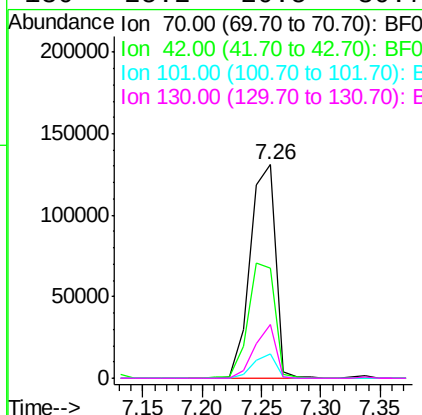
#19
n-Nitroso-di-n-propylamine
Concen: 37.86 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	51.4	39.8	59.8		
101	11.3	8.6	13.0		
130	25.2	20.5	30.7		

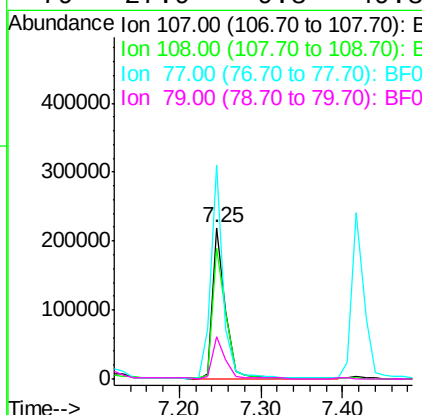
Manual Integrations
APPROVED

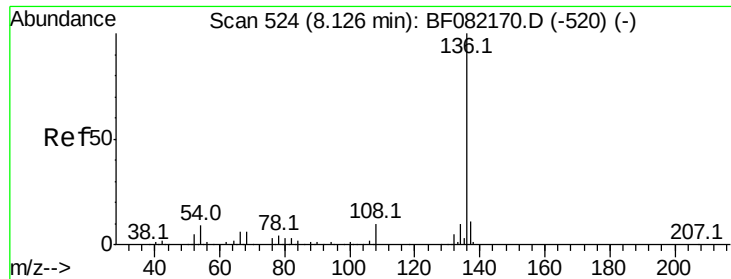
MMdadoda
10/16/2015 4:15:45 PM



#20
3+4-Methylphenols
Concen: 36.51 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.5	69.9	109.9		
77	141.4	106.0	146.0		
79	27.9	9.8	49.8		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

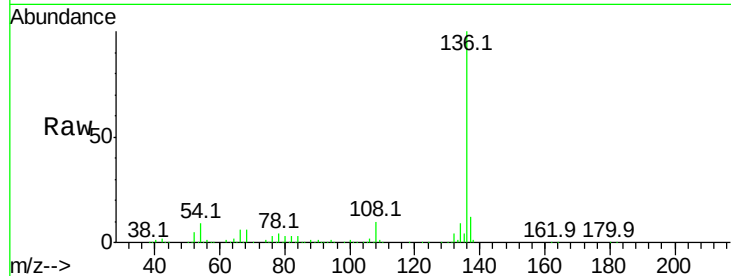
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	447792		
137	11.6	9.0	13.6	
54	9.2	7.5	11.3	
68	5.8	4.6	7.0	

Manual Integrations
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MMdadoda
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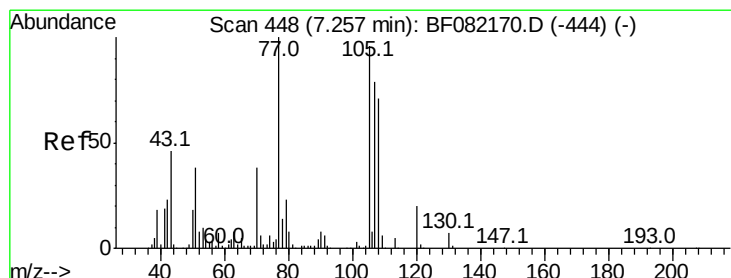
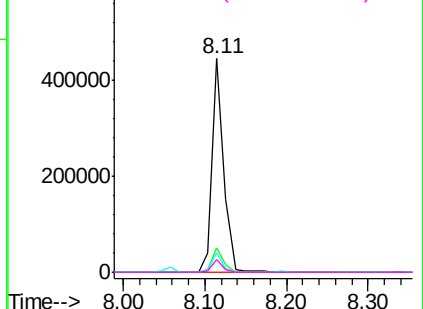
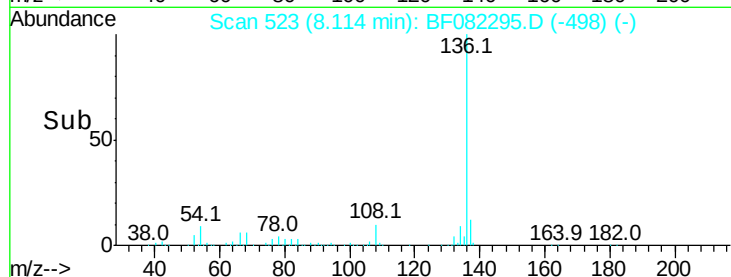


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.25 ng

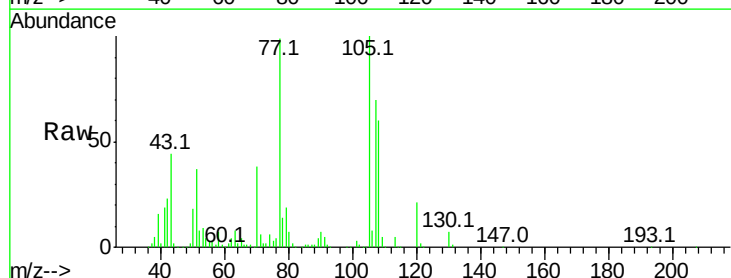
RT: 7.25 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	347697		
71	6.2	5.4	8.0	
51	36.8	31.8	47.6	
120	20.5	16.3	24.5	

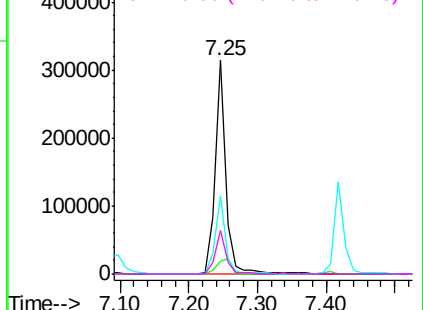
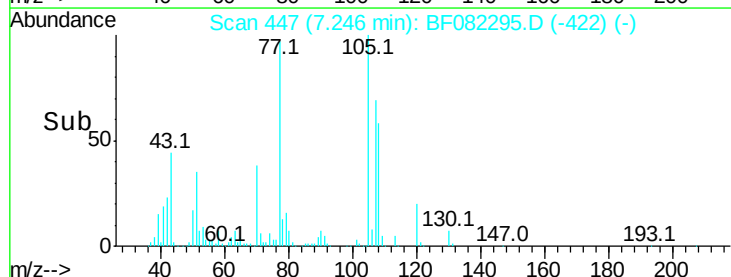


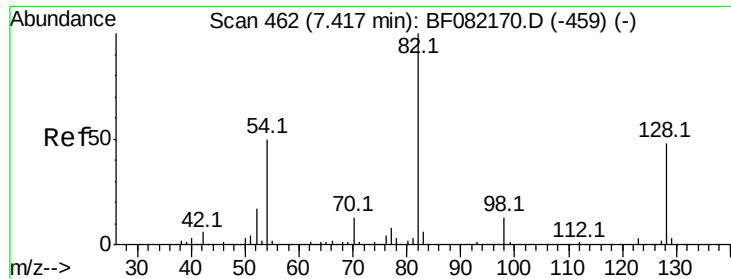
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





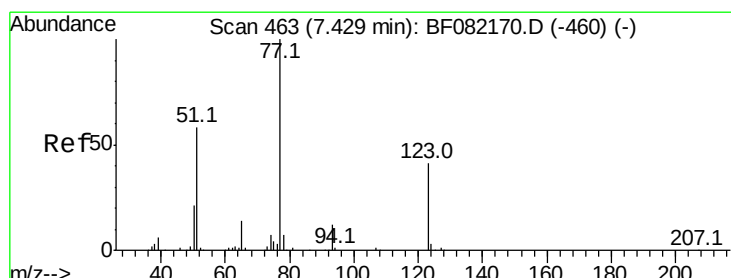
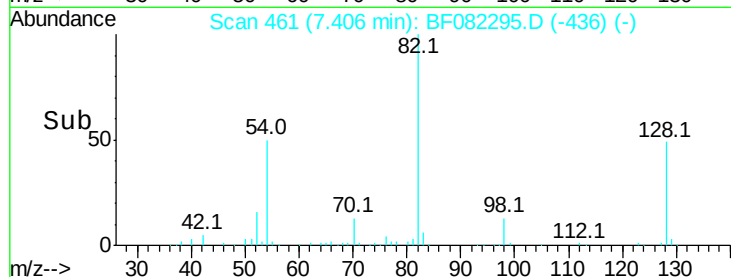
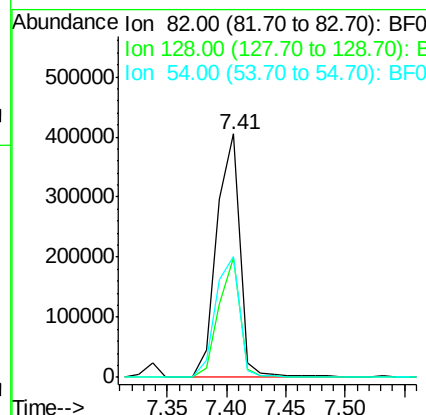
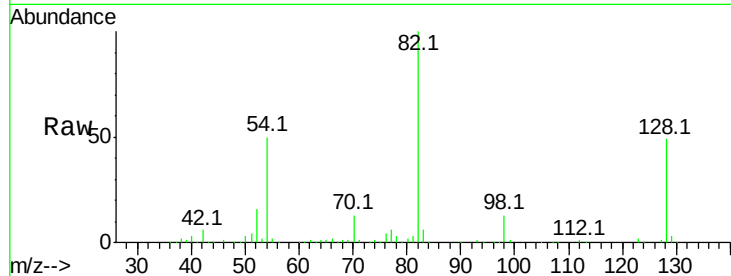
#23
 Nitrobenzene-d5
 Concen: 81.65 ng
 RT: 7.41 min Scan# 461
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.7	58.1
54	49.8	40.1	60.1

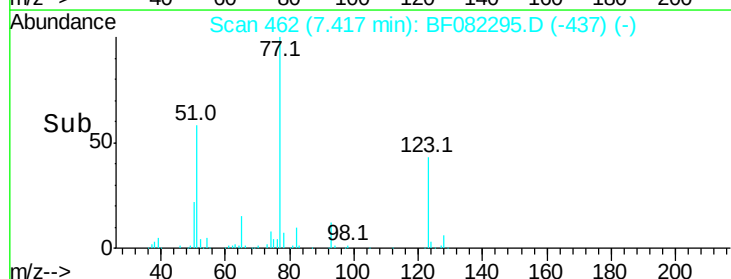
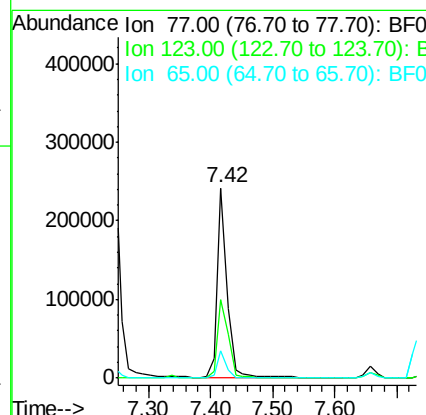
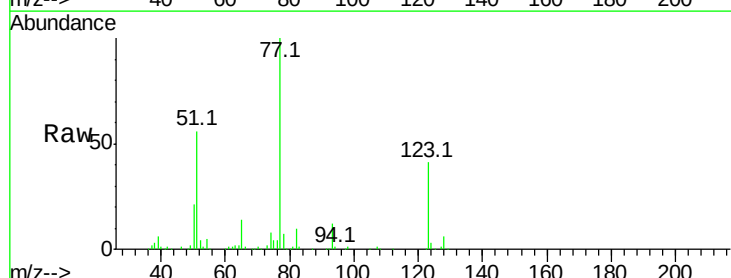
Manual Integrations
 APPROVED

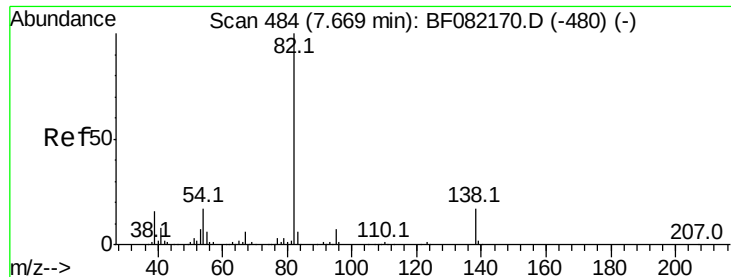
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 10/16/2015 4:15:45 PM



#24
 Nitrobenzene
 Concen: 35.95 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.0	49.4
65	14.2	11.2	16.8





#25

Isophorone

Concen: 38.73 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

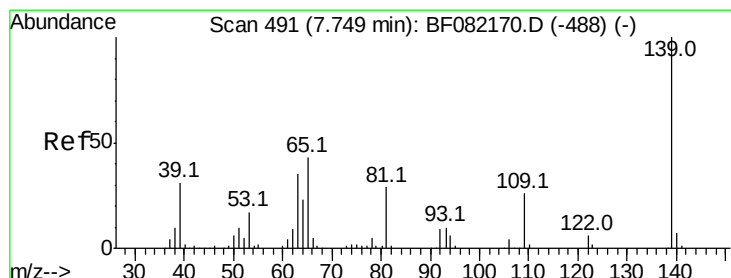
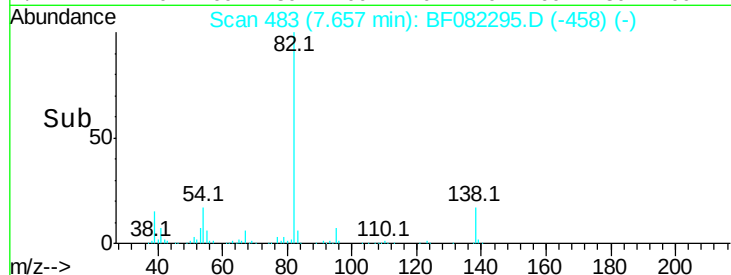
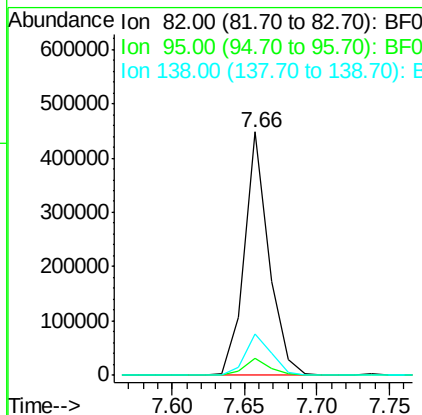
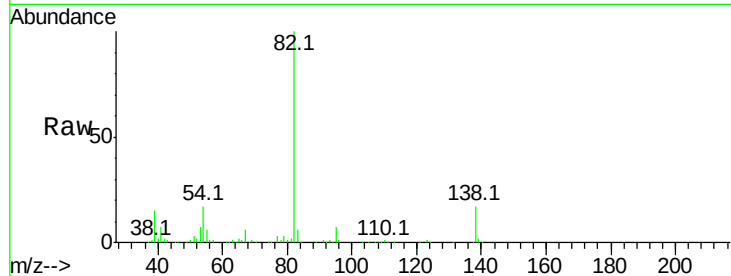
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	521293
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	16.8	13.6	20.4

Manual Integrations
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MMdadoda
10/16/2015 4:15:45 PM



#26

2-Nitrophenol

Concen: 44.39 ng

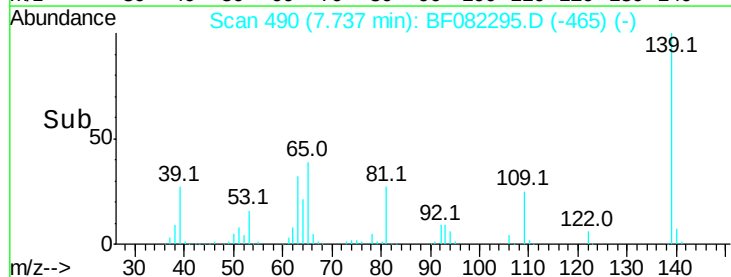
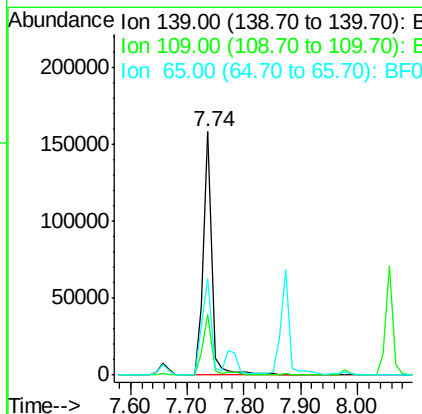
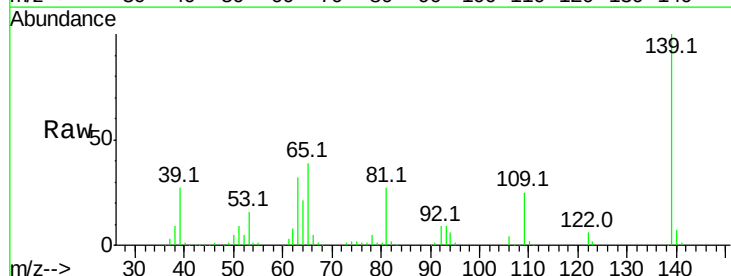
RT: 7.74 min Scan# 490

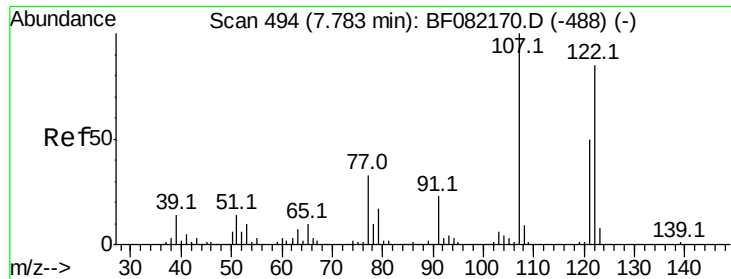
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	139	Resp:	159968
Ion Ratio	Lower	Upper	
139	100		
109	25.0	20.6	31.0
65	39.4	34.3	51.5





#27

2,4-Dimethylphenol

Concen: 41.25 ng

RT: 7.78 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

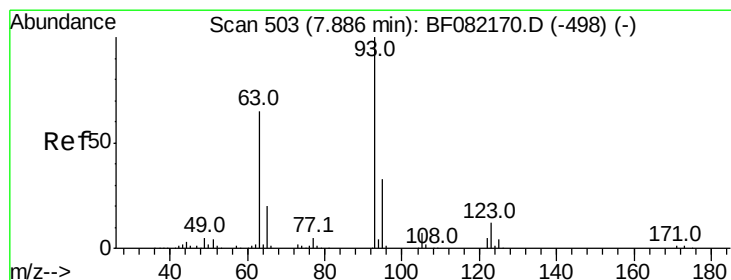
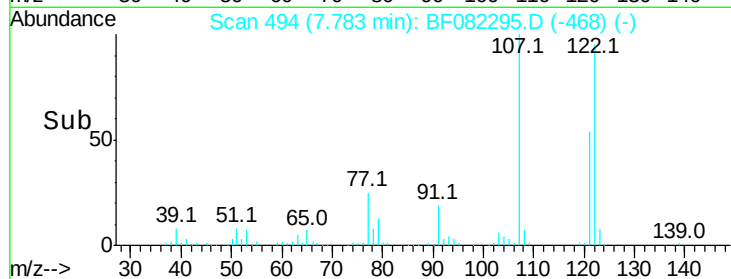
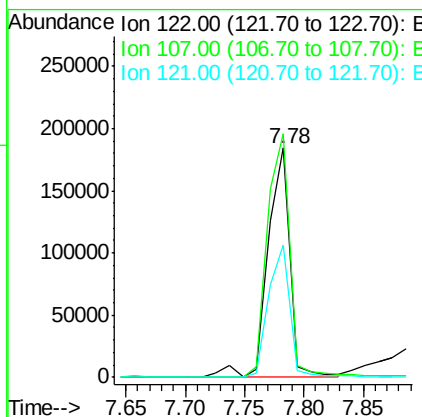
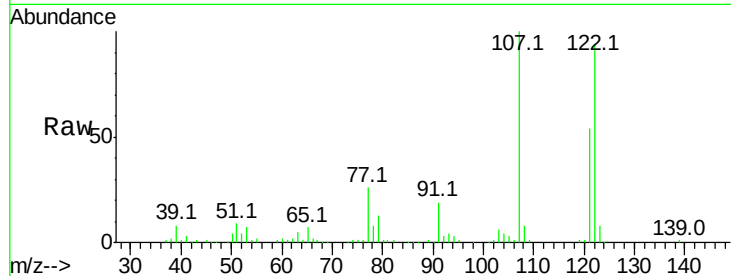
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	239522
Ion Ratio	Lower	Upper	
122	100		
107	106.2	94.0	141.0
121	57.6	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 41.77 ng

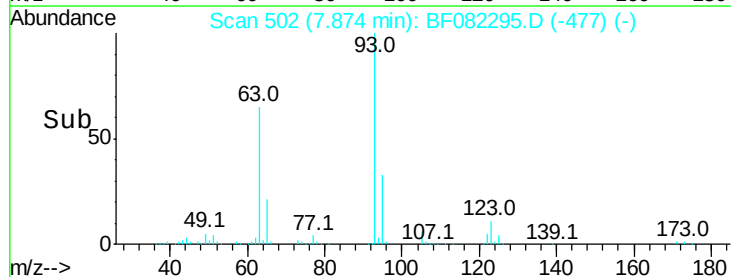
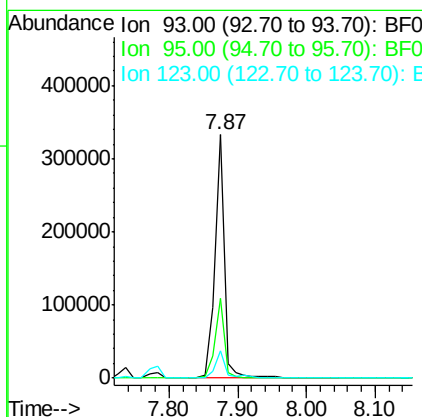
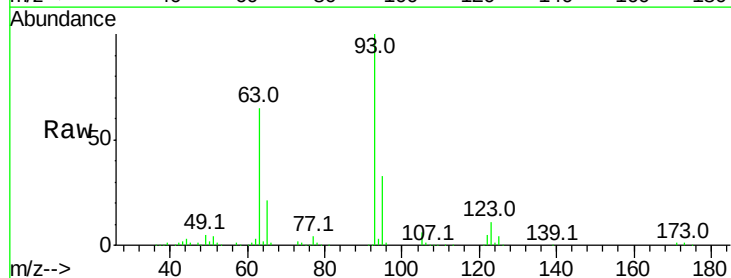
RT: 7.87 min Scan# 502

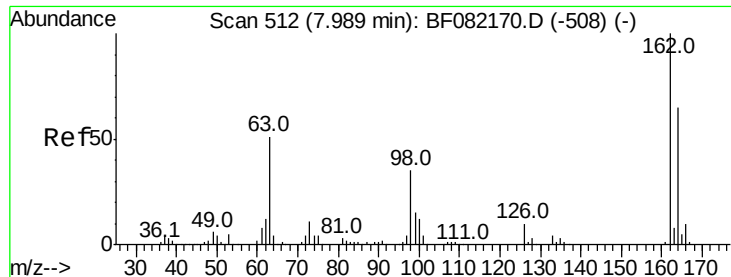
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	93	Resp:	327102
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.6	39.8
123	11.1	9.5	14.3





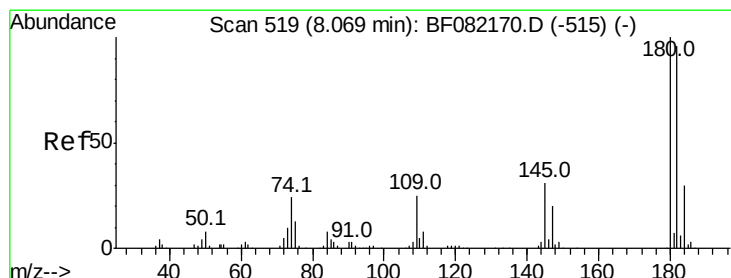
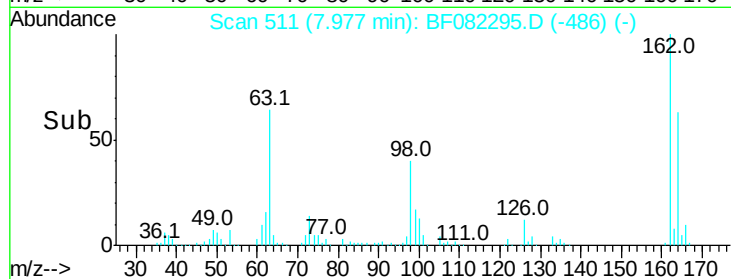
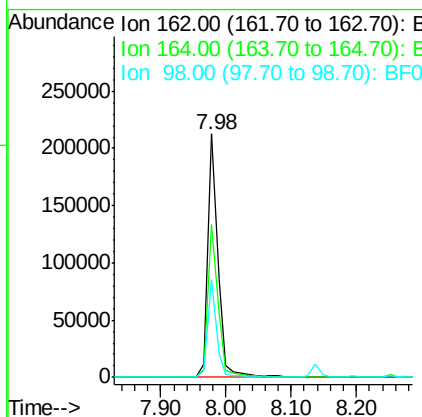
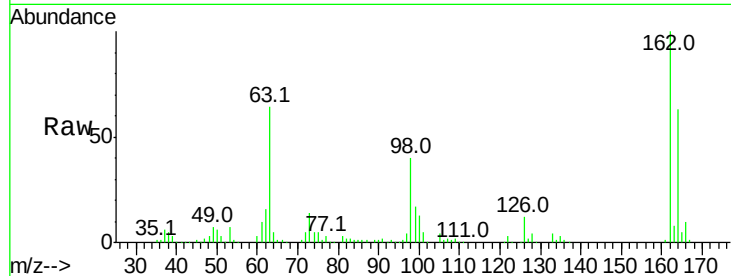
#29
 2,4-Dichlorophenol
 Concen: 40.01 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	232248
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	40.2	15.0	55.0

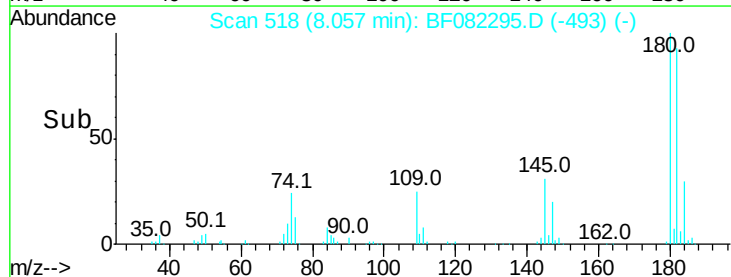
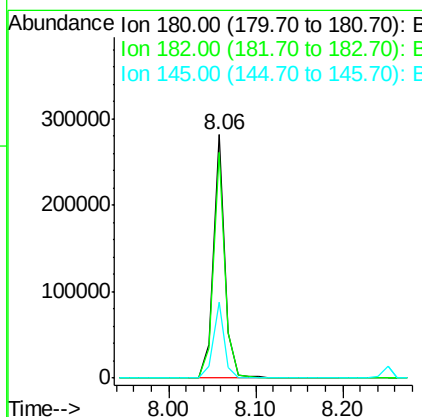
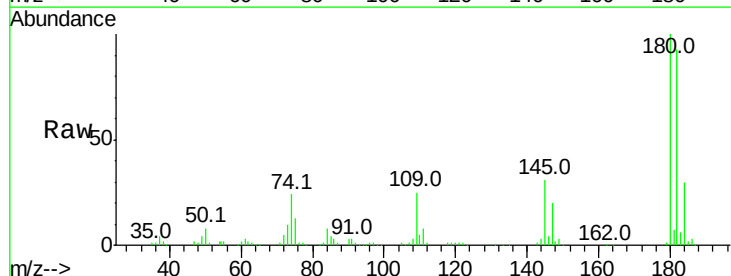
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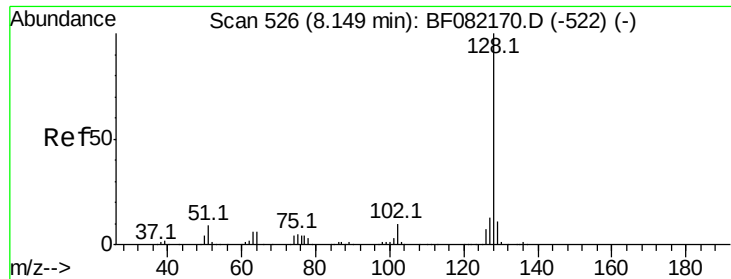
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.21 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:	180	Resp:	262333
Ion Ratio	Lower	Upper	
180	100		
182	92.8	77.0	115.4
145	31.1	25.0	37.4





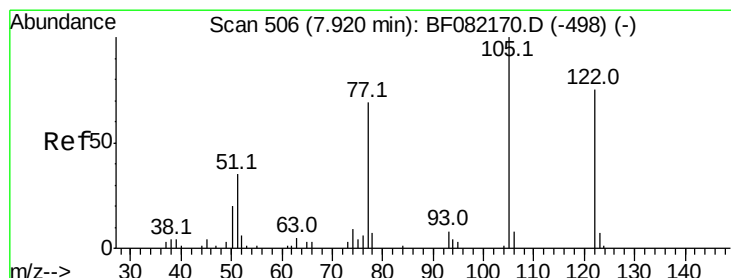
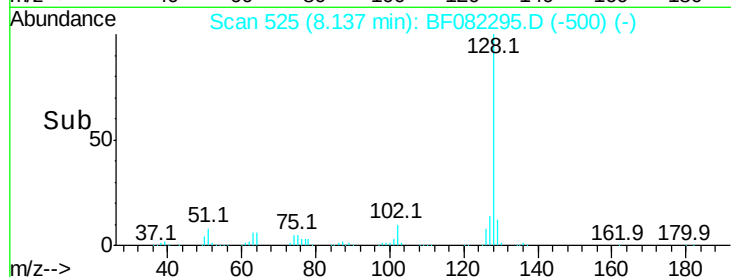
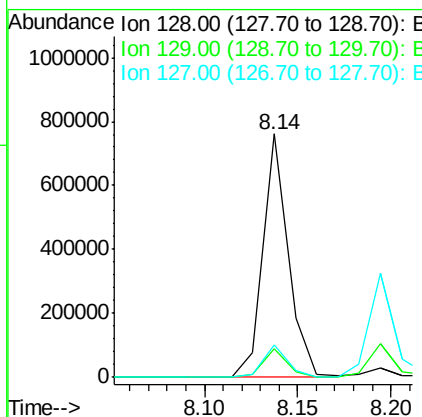
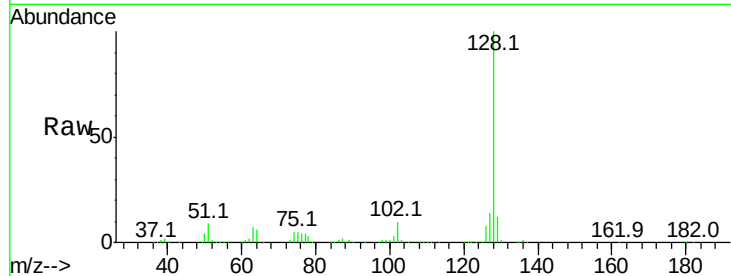
#31
Naphthalene
Concen: 36.70 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	10.7	16.1

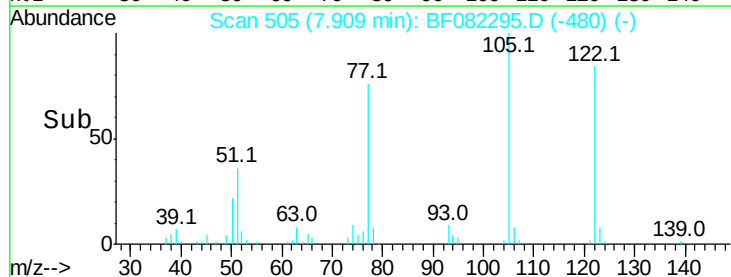
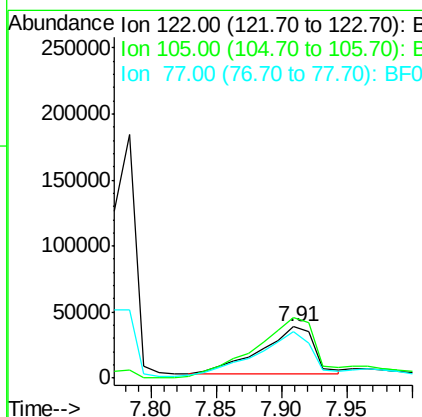
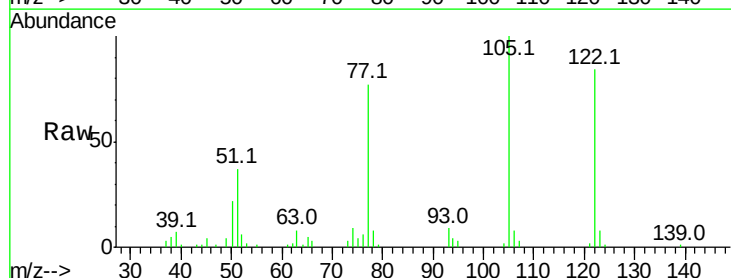
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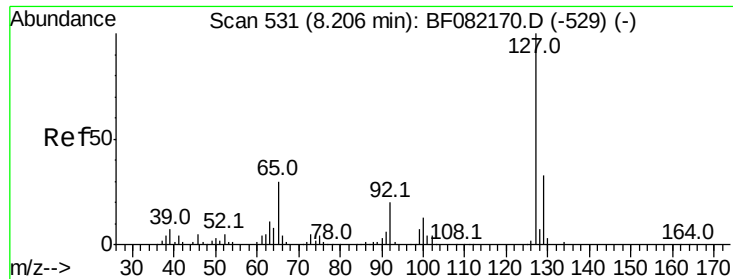
MMdadoda
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#32
Benzoic acid
Concen: 26.87 ng
RT: 7.91 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	118.5	104.4	144.4
77	91.7	69.0	109.0





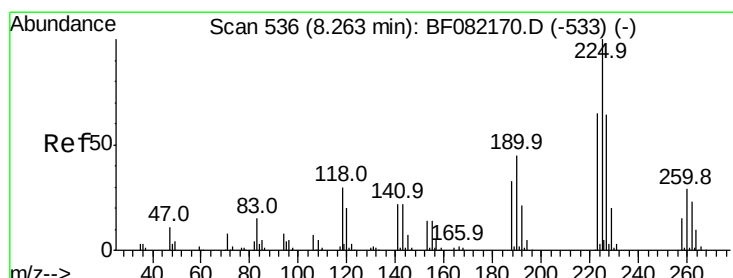
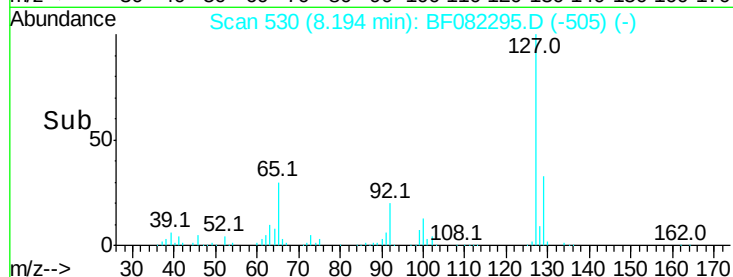
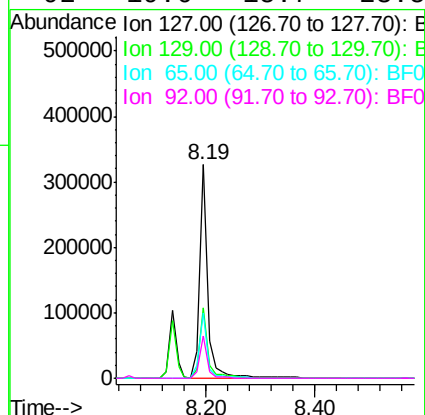
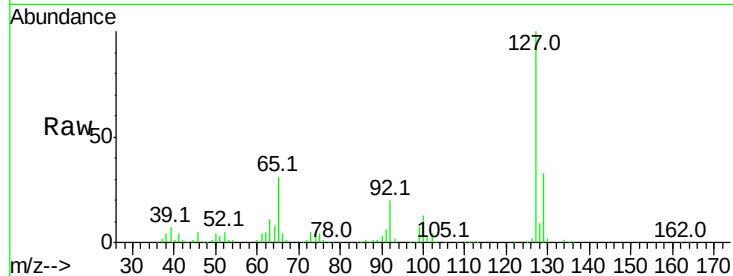
#33
4-Chloroaniline
Concen: 40.67 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.3	39.5		
65	30.7	24.4	36.6		
92	19.6	15.7	23.5		

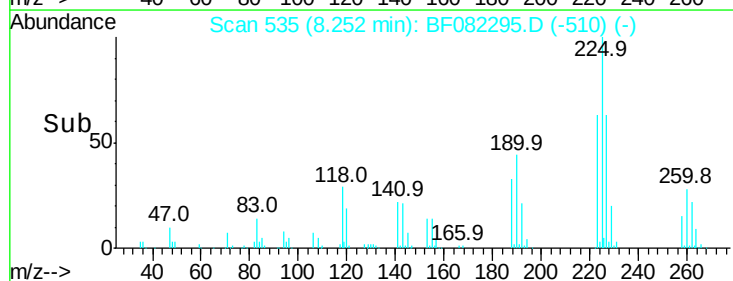
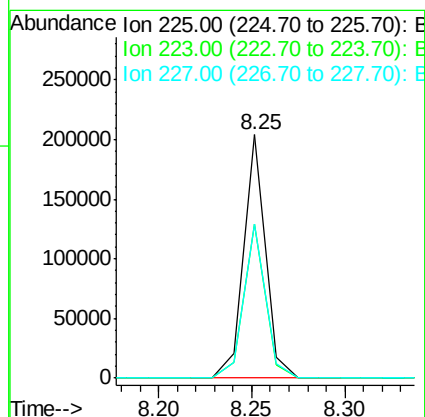
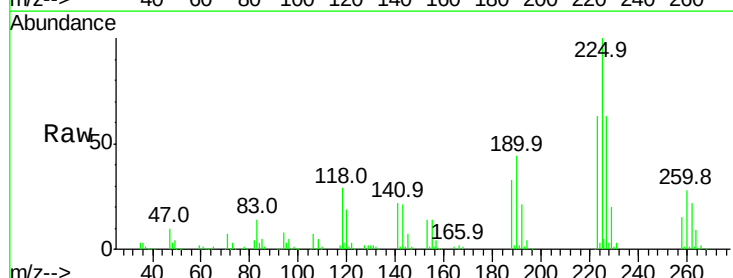
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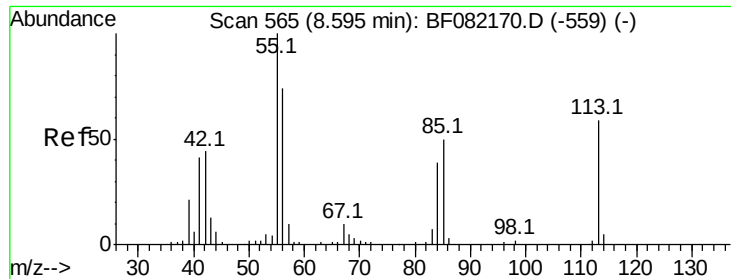
MMdadoda
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#34
Hexachlorobutadiene
Concen: 39.97 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	52.2	78.2		
227	63.3	51.3	76.9		





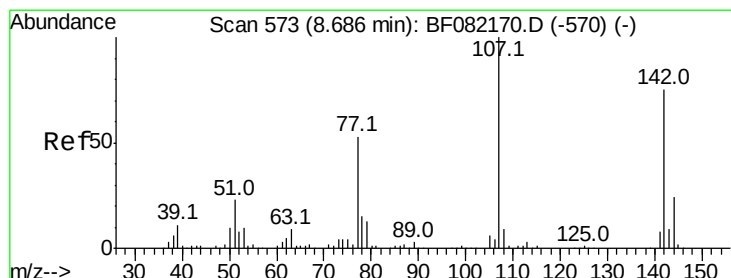
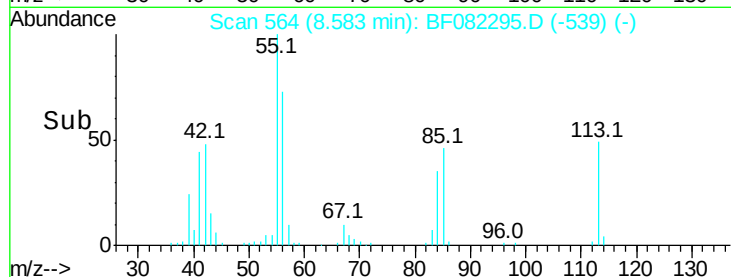
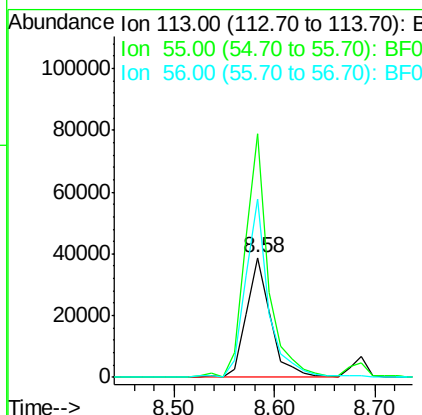
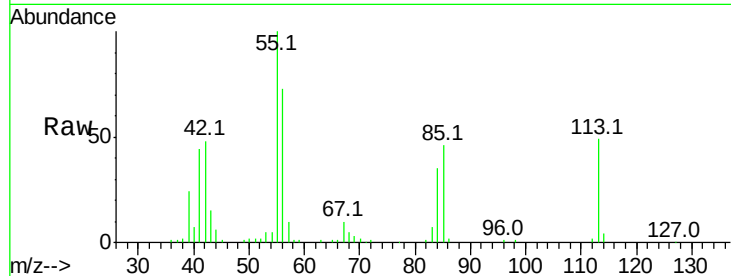
#35
 Caprolactam
 Concen: 38.70 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:113 Resp: 65192
 Ion Ratio Lower Upper
 113 100
 55 203.5 149.7 189.7#
 56 148.7 105.4 145.4#

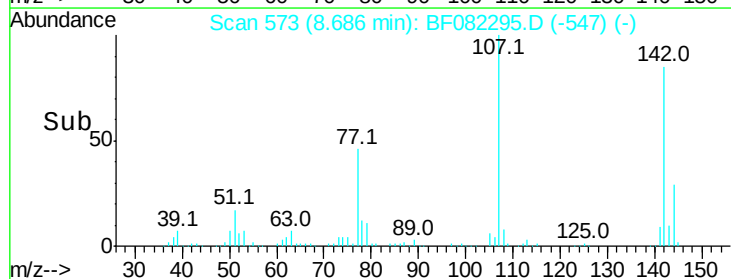
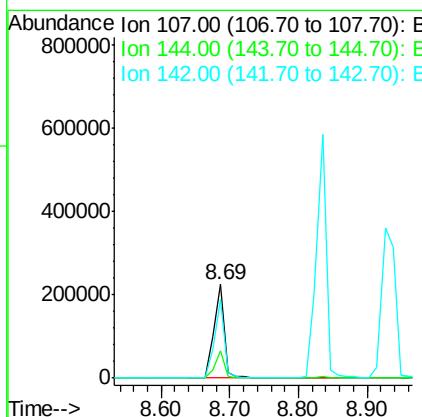
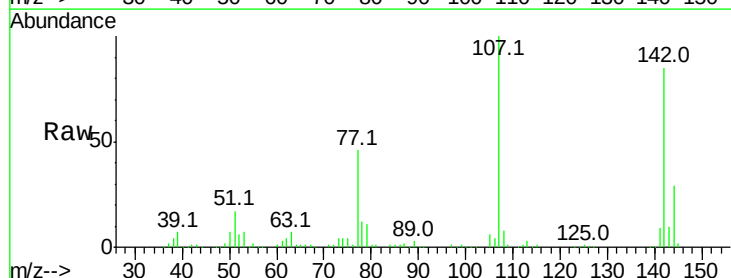
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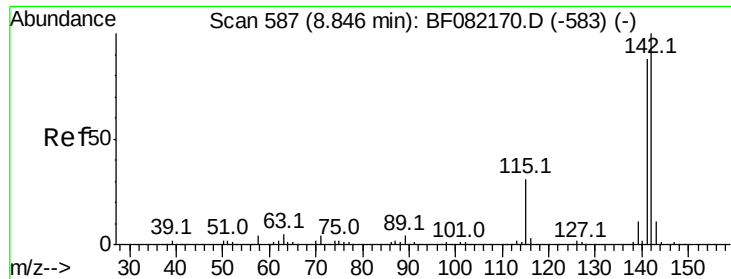
MMdadoda
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#36
 4-Chloro-3-methylphenol
 Concen: 43.55 ng
 RT: 8.69 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:107 Resp: 247200
 Ion Ratio Lower Upper
 107 100
 144 28.8 19.3 28.9
 142 84.6 59.9 89.9





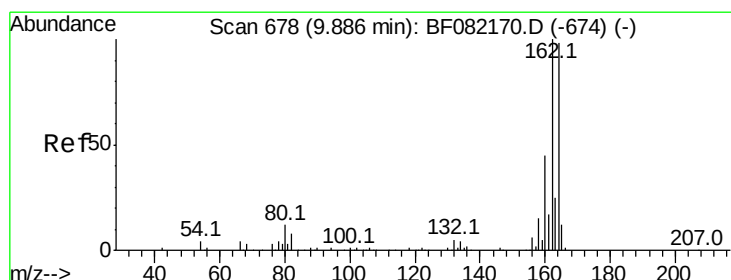
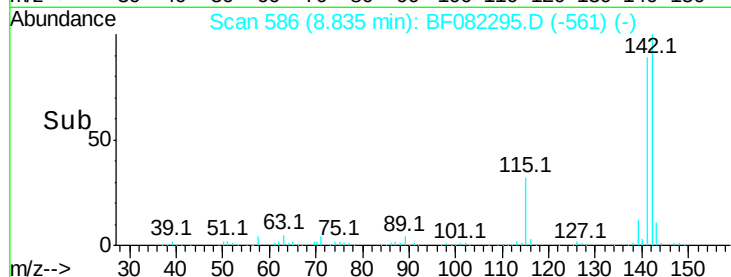
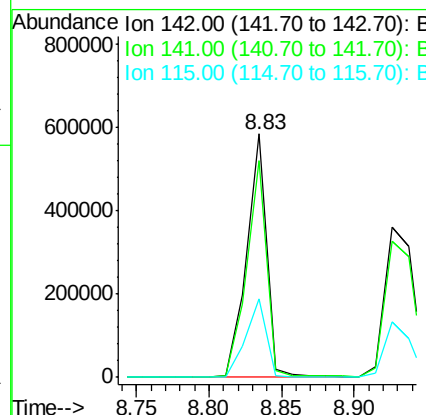
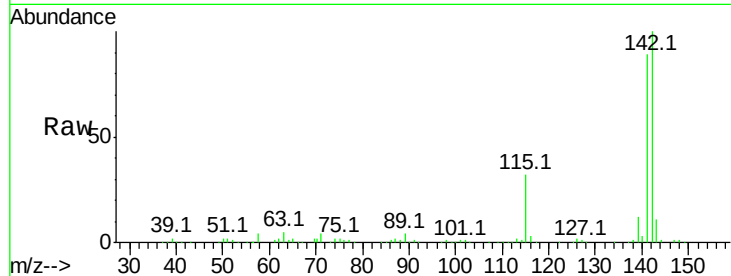
#37
2-Methylnaphthalene
Concen: 41.81 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	562573		
141	89.1		70.4	105.6
115	32.4		24.6	37.0

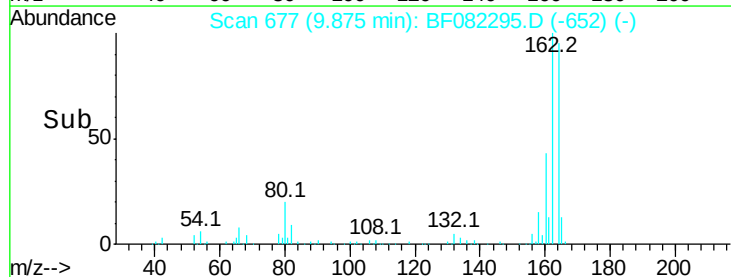
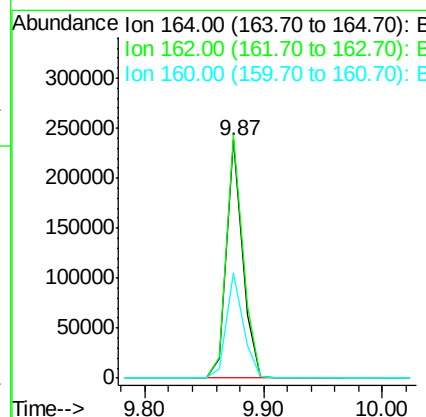
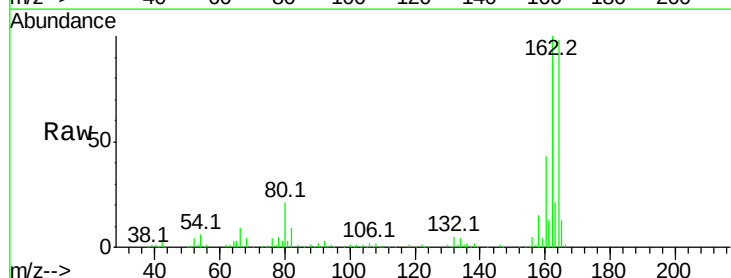
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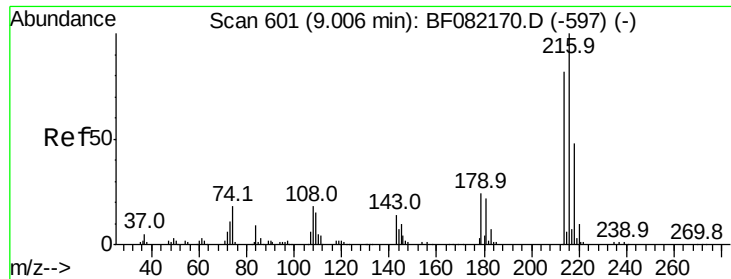
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	222318		
162	102.3		81.6	122.4
160	44.2		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.45 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

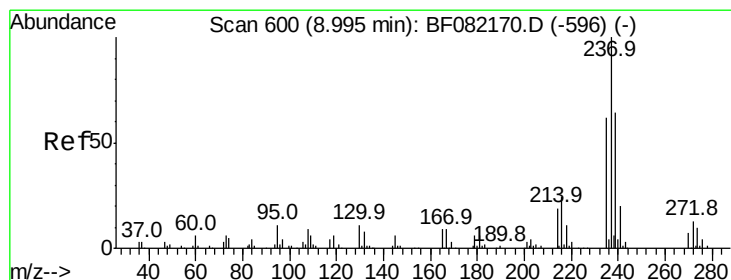
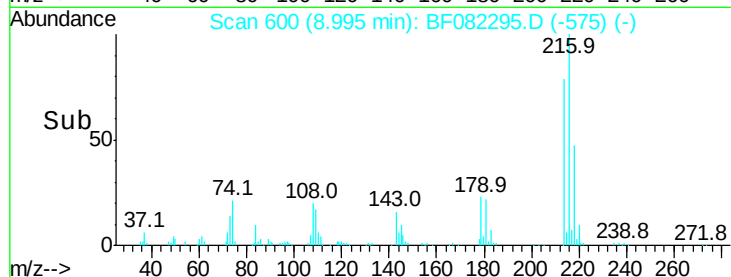
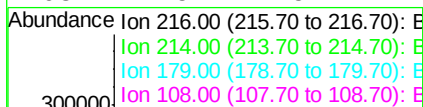
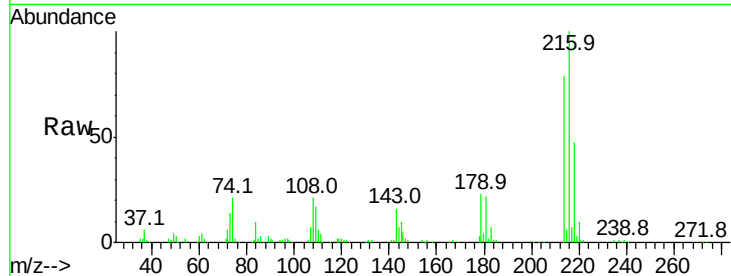
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	247621		
214	78.5	64.6	97.0	
179	20.8	17.6	26.4	
108	17.5	14.5	21.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 30.18 ng

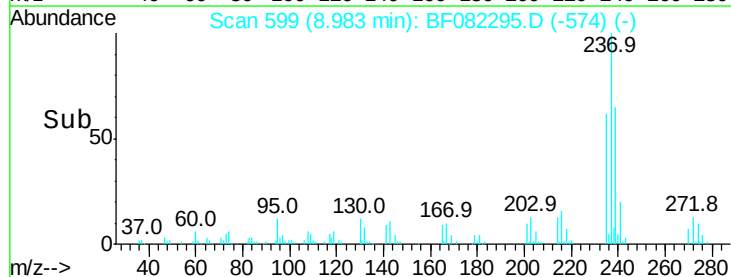
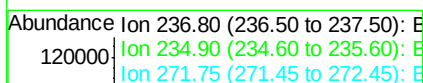
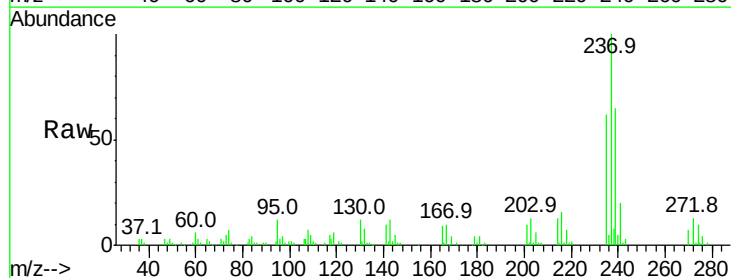
RT: 8.98 min Scan# 599

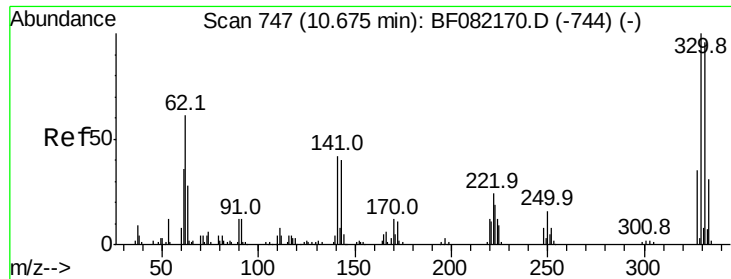
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	81690		
235	62.1	41.7	81.7	
272	12.8	0.0	32.8	





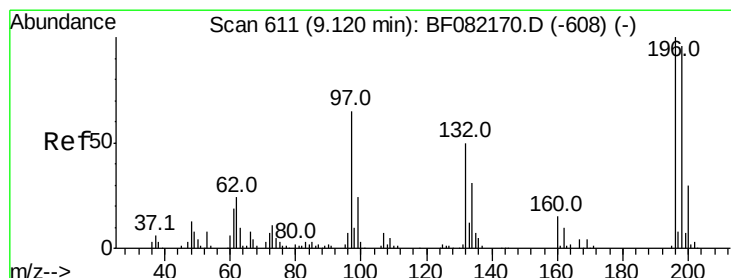
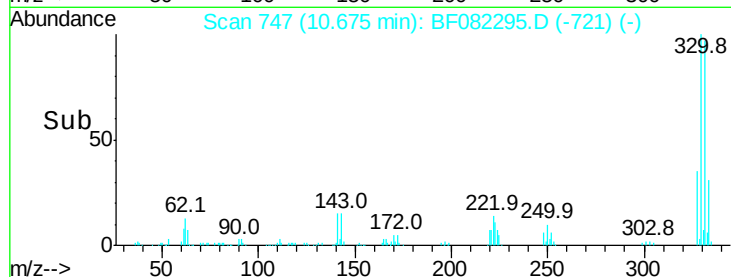
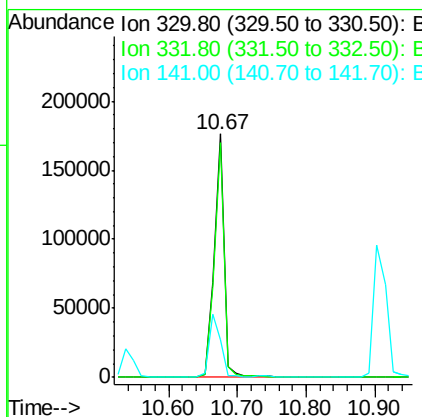
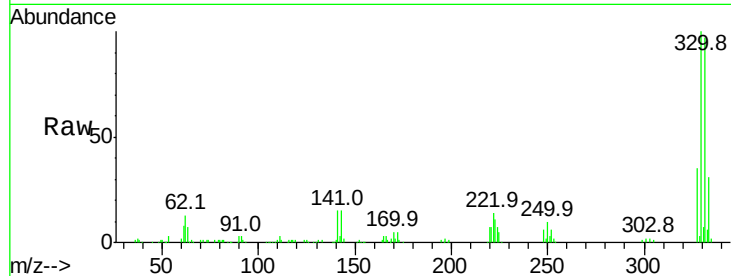
#41
 2,4,6-Tribromophenol
 Concen: 87.56 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	182555		
332	95.6	77.1	115.7	
141	30.0	29.8	44.8	

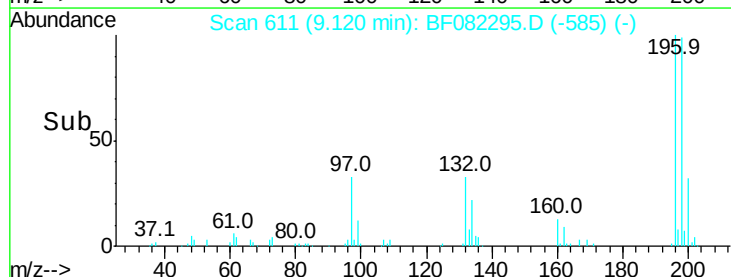
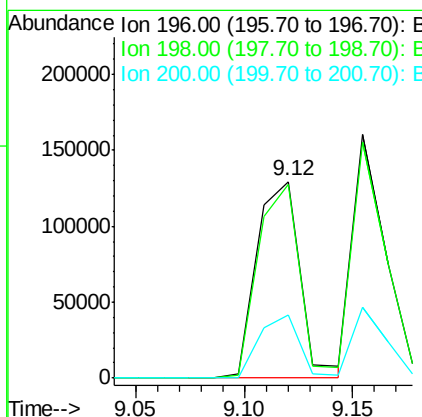
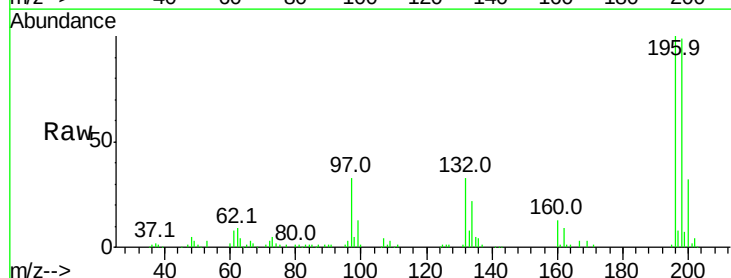
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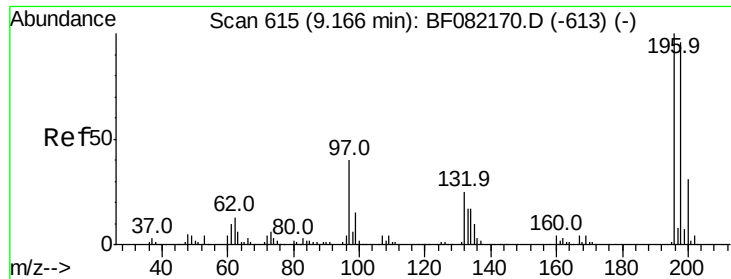
MMdadoda
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#42
 2,4,6-Trichlorophenol
 Concen: 40.97 ng
 RT: 9.12 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179961		
198	98.5	76.6	115.0	
200	32.0	23.7	35.5	





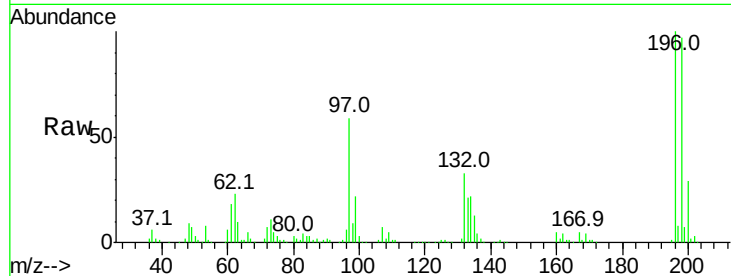
#43
 2,4,5-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177464		
198	96.6	77.0	115.4	
97	59.5	31.9	47.9	#
132	33.5	20.3	30.5	#

Manual Integrations
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MMdadoda
 10/16/2015 4:15:45 PM



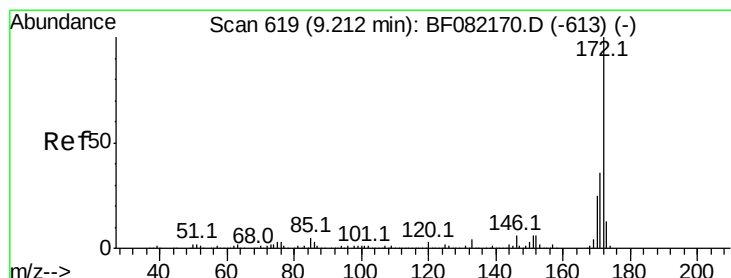
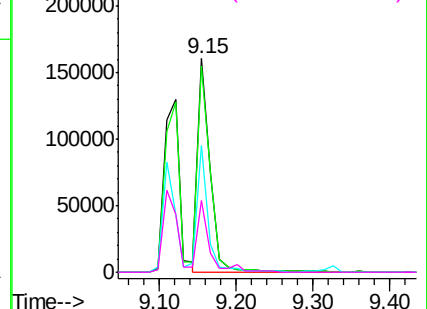
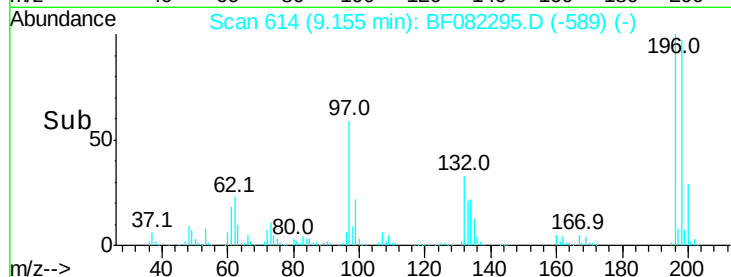
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

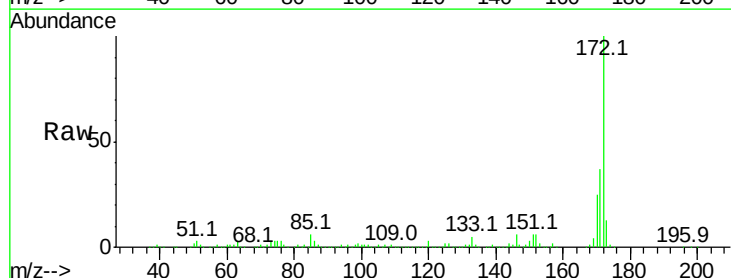
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.79 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1096512		
171	37.1	28.6	42.8	
170	24.9	19.7	29.5	

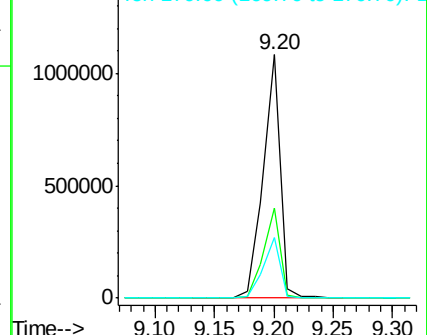
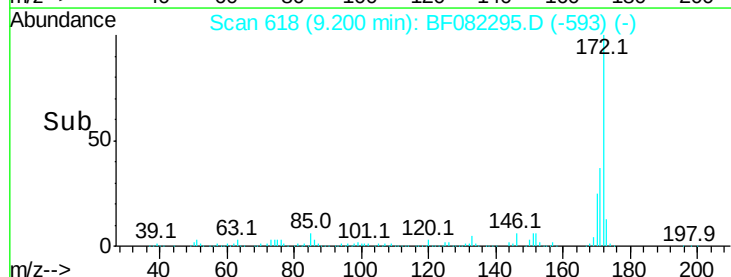


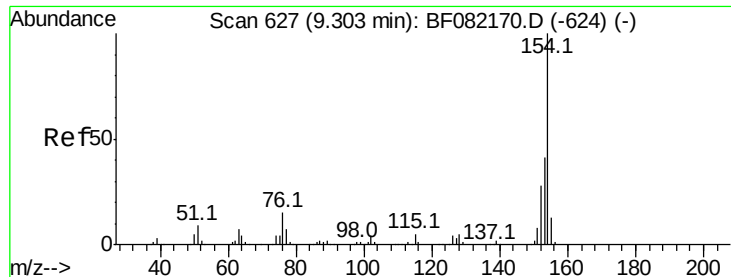
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.77 ng

RT: 9.30 min Scan# 627

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

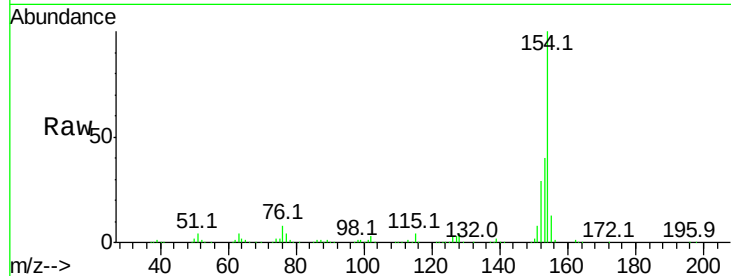
ClientSampleId :

SSTDCCC040

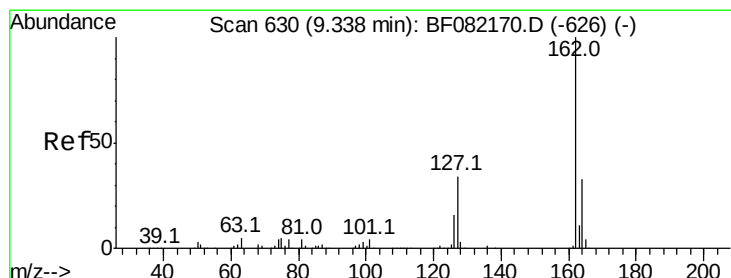
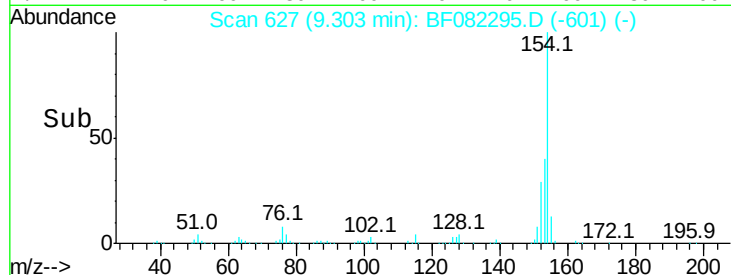
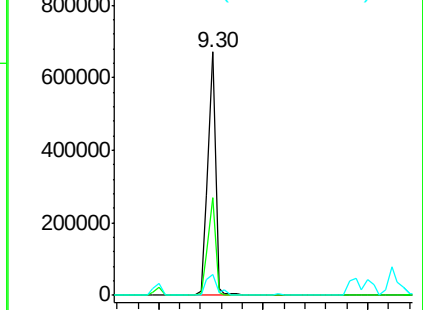
Tot Ion:	154	Resp:	691138
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.6	60.6
76	8.5	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 40.93 ng

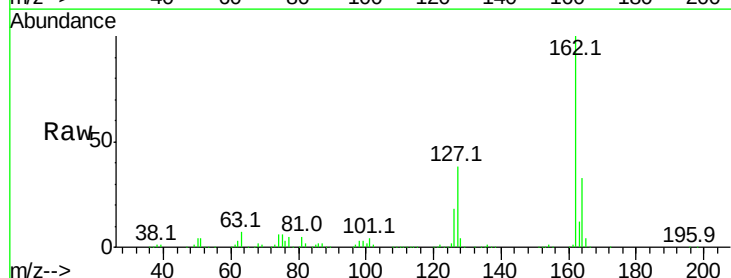
RT: 9.33 min Scan# 629

Delta R.T. -0.01 min

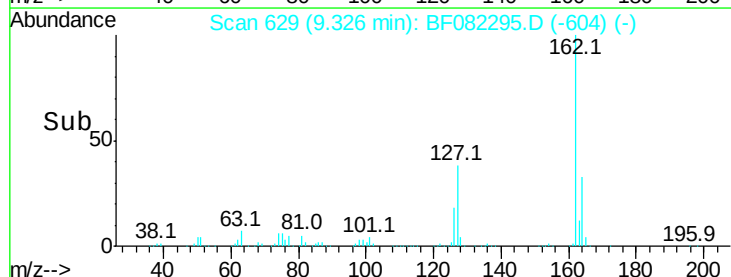
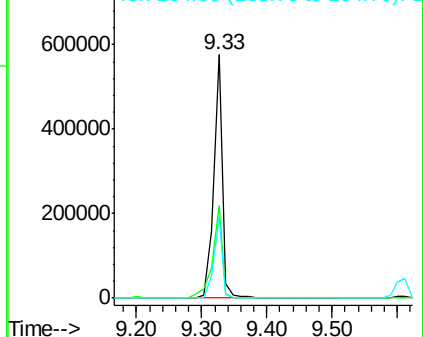
Lab File: BF082295.D

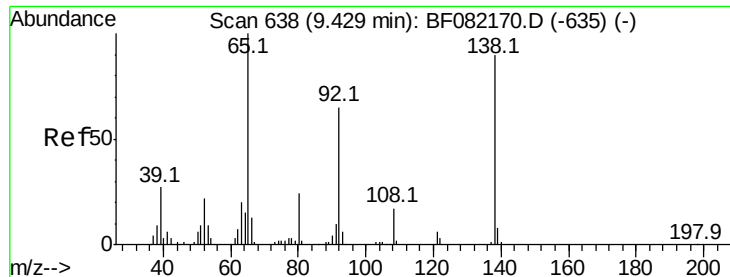
Acq: 15 Oct 2015 8:12

Tgt Ion:	162	Resp:	546207
Ion Ratio	Lower	Upper	
162	100		
127	37.8	27.5	41.3
164	33.5	26.6	39.8



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





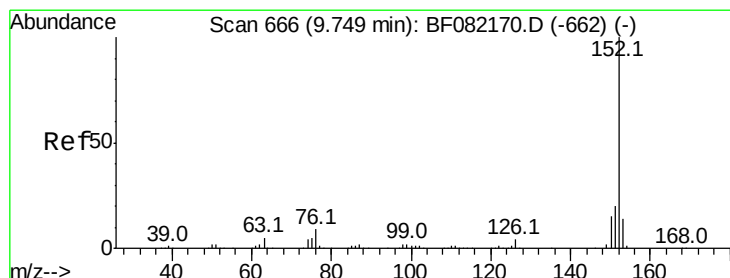
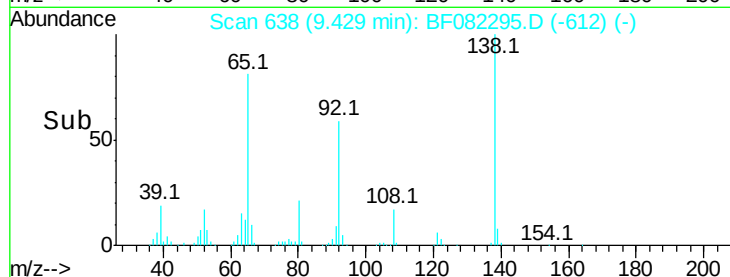
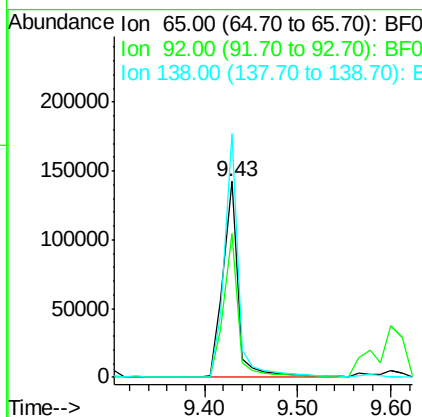
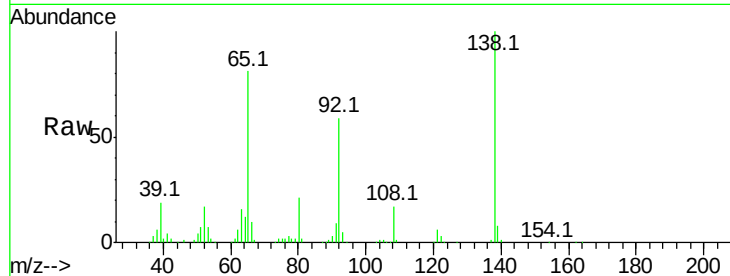
#47
2-Nitroaniline
Concen: 44.37 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	52.3	78.5
138	124.1	72.2	108.4

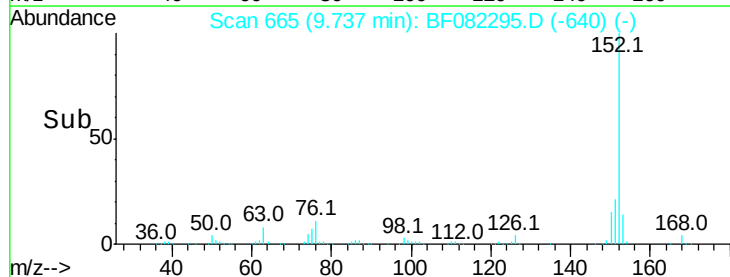
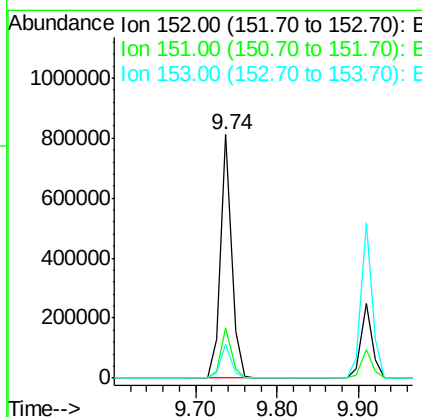
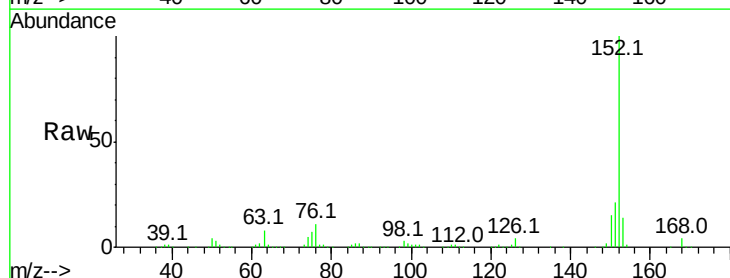
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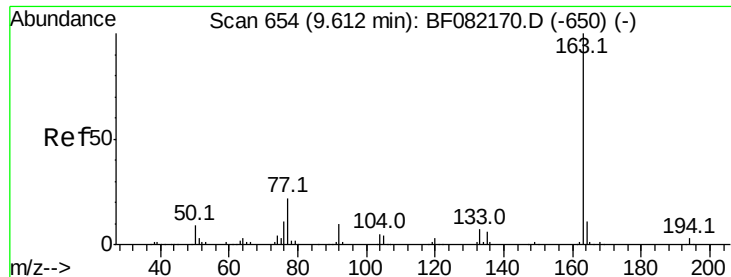
MMdadoda
10/16/2015 4:15:45 PM



#48
Acenaphthylene
Concen: 36.82 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.8	10.8	16.2





#49

Dimethylphthalate

Concen: 40.74 ng

RT: 9.61 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

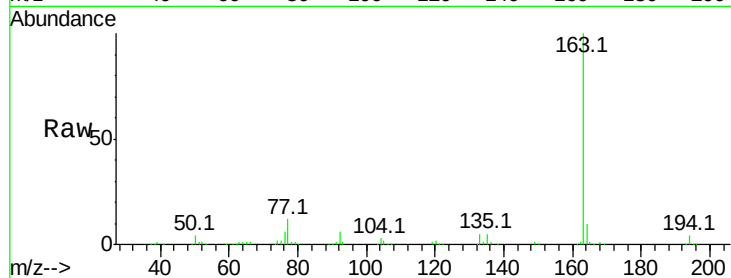
ClientSampleId :

SSTDCCC040

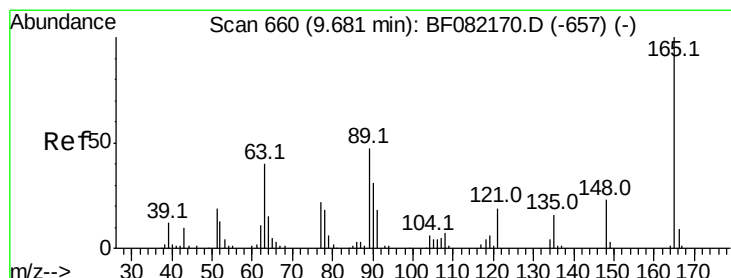
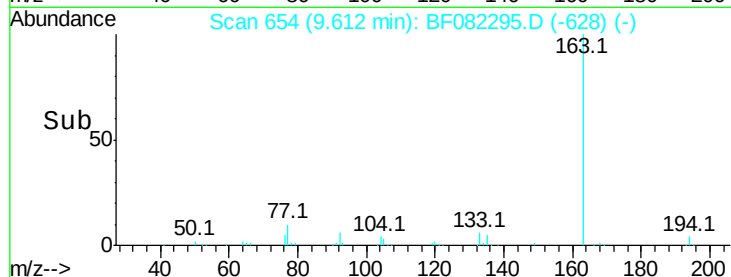
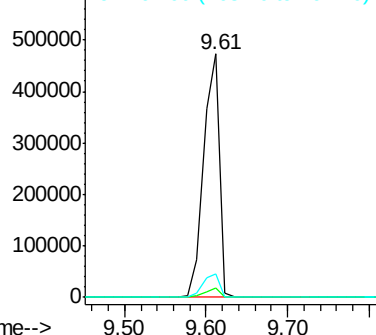
Tot Ion:	163	Resp:	637868
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.6	4.0#
164	9.7	8.5	12.7

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.71 ng

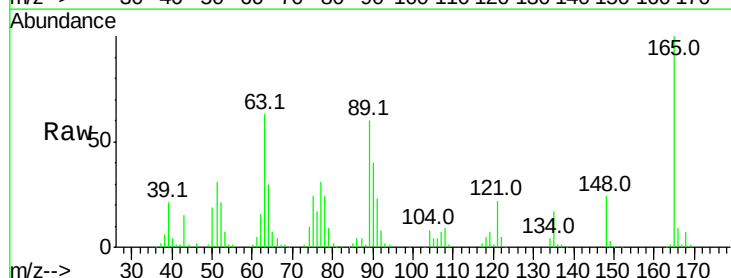
RT: 9.67 min Scan# 659

Delta R.T. -0.01 min

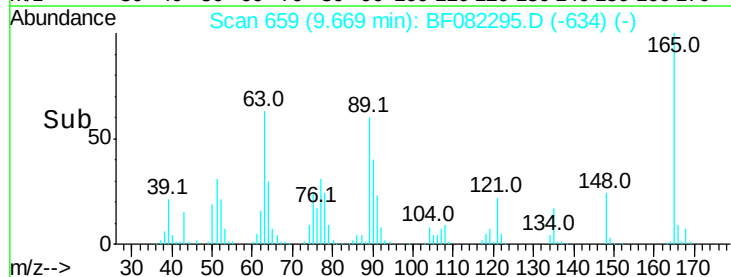
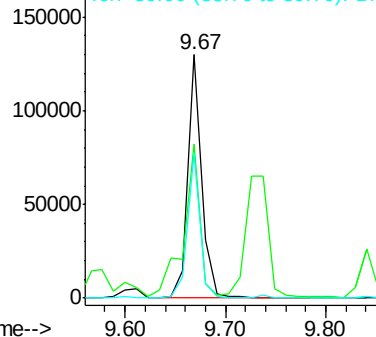
Lab File: BF082295.D

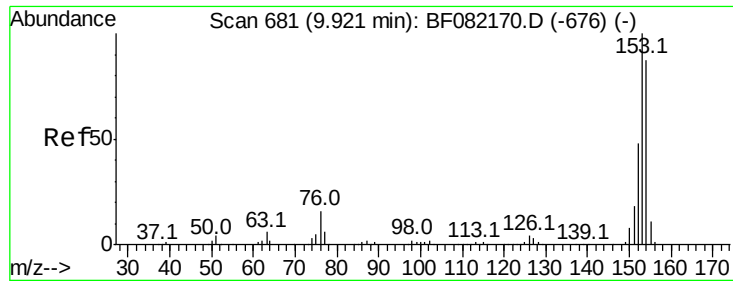
Acq: 15 Oct 2015 8:12

Tgt Ion:	165	Resp:	124562
Ion Ratio	Lower	Upper	
165	100		
63	63.2	36.7	55.1#
89	59.6	37.8	56.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.65 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

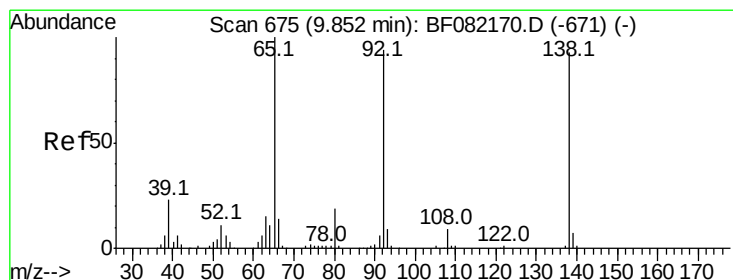
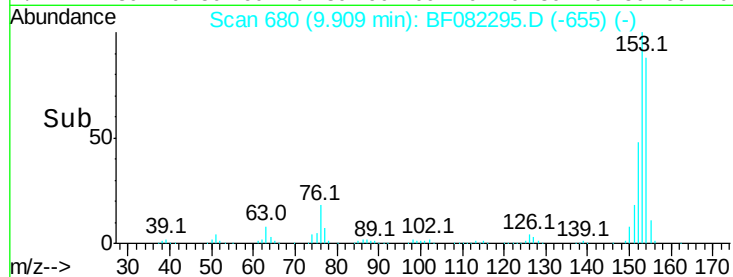
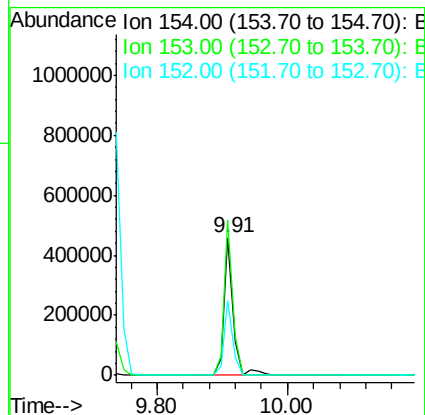
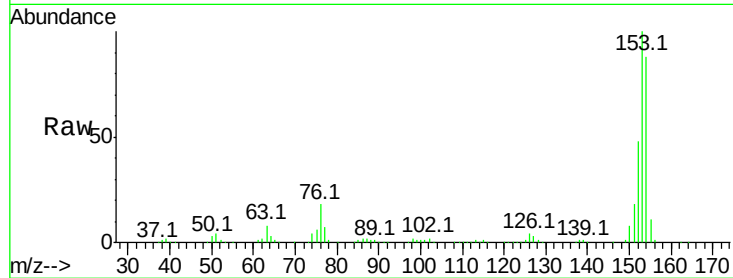
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	469904
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.4	137.2
152	53.9	44.3	66.5

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#52

3-Nitroaniline

Concen: 38.47 ng

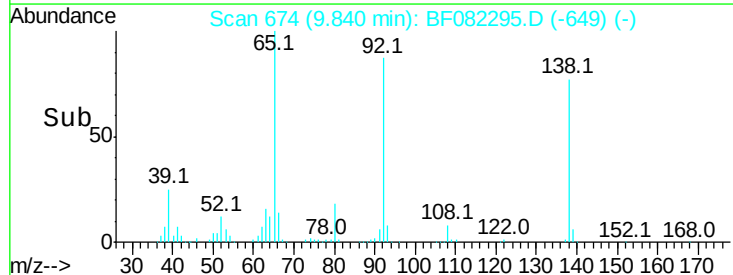
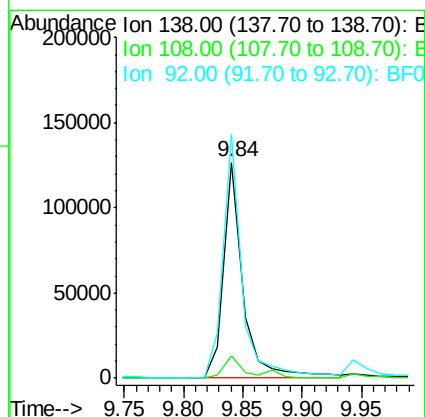
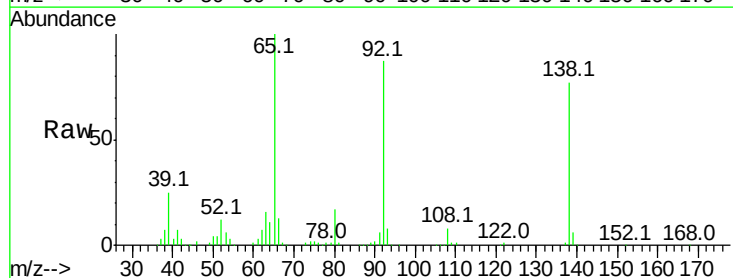
RT: 9.84 min Scan# 674

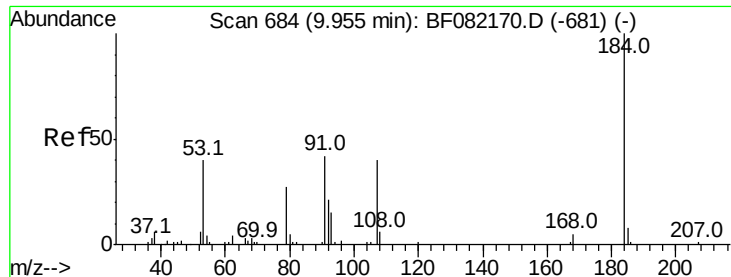
Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	138	Resp:	143534
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.4	11.0
92	112.7	81.3	121.9





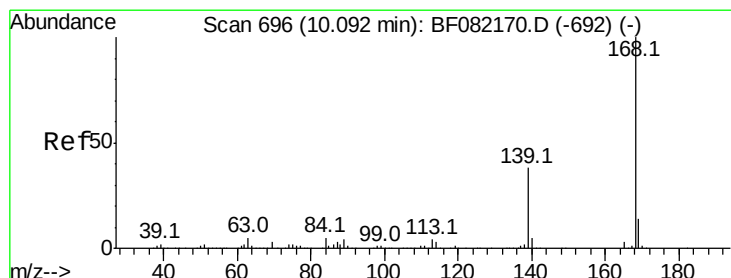
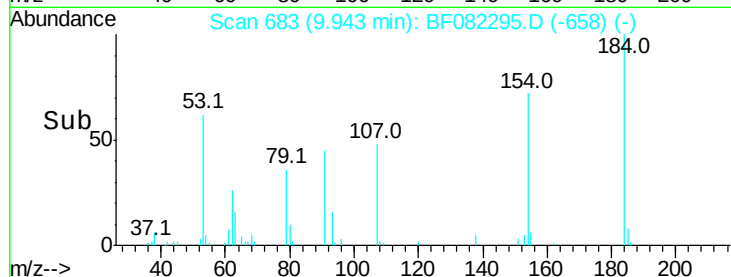
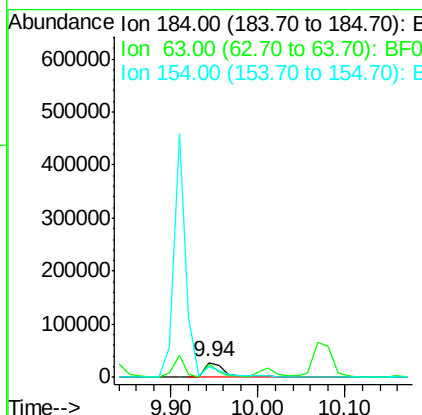
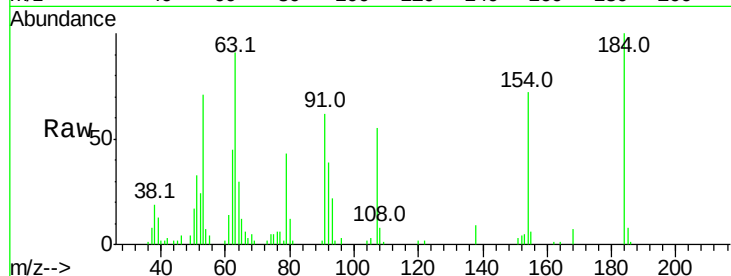
#53
2,4-Dinitrophenol
Concen: 31.86 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	51081		
63	90.9	45.1	67.7#	
154	72.3	51.2	76.8	

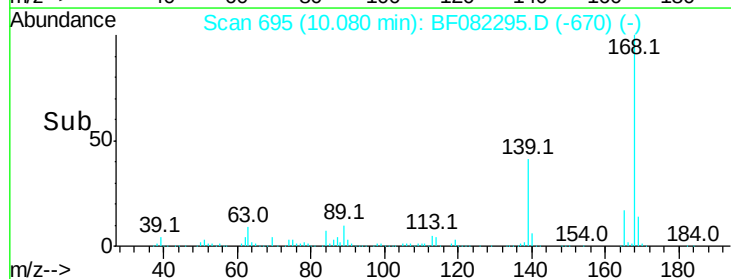
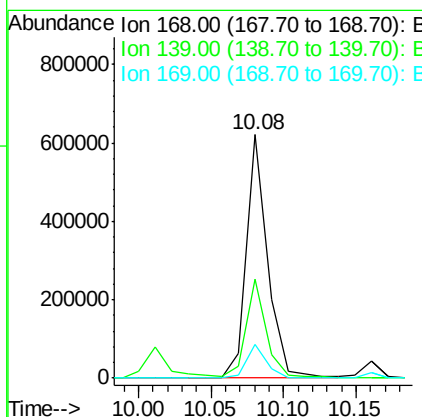
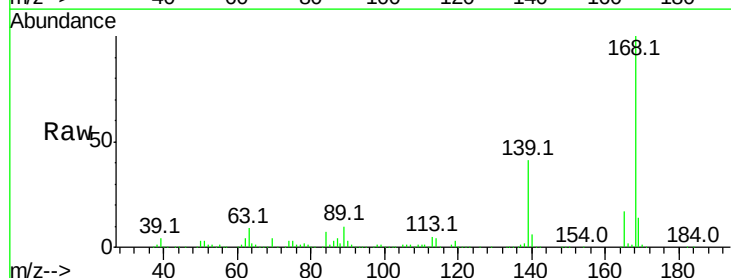
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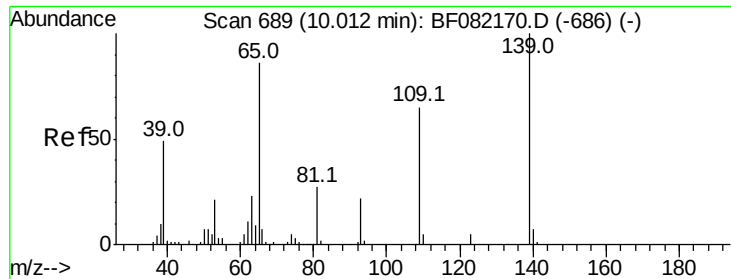
MMdadoda
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#54
Dibenzofuran
Concen: 36.78 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	630195		
139	40.7	31.0	46.6	
169	13.9	10.9	16.3	





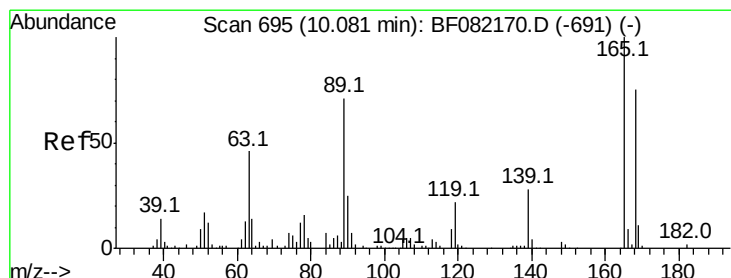
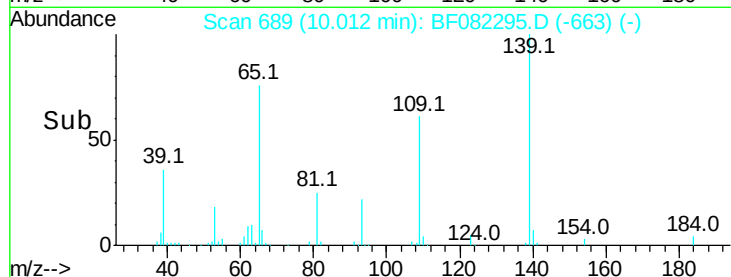
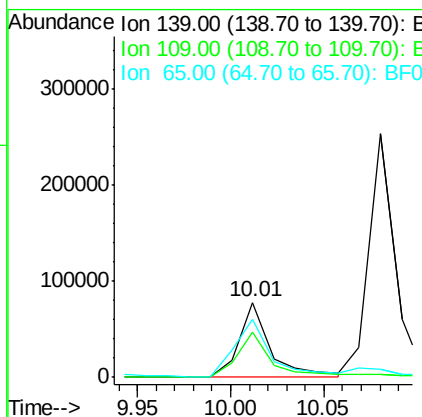
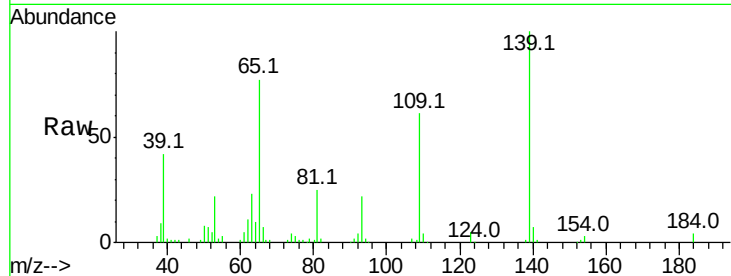
#55
4-Nitrophenol
Concen: 43.77 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.8	44.8	84.8
65	76.9	67.7	107.7

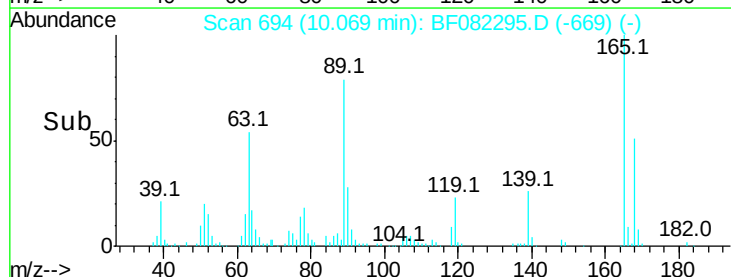
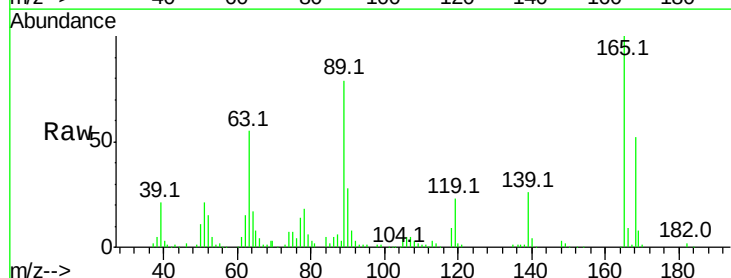
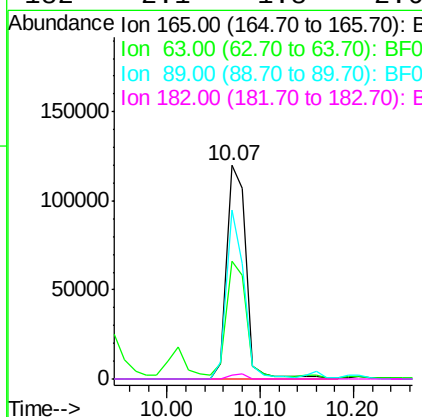
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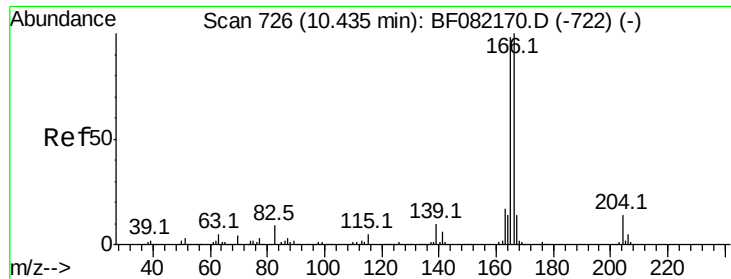
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 42.29 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.0	38.6	58.0
89	79.2	57.0	85.6
182	2.1	1.8	2.6





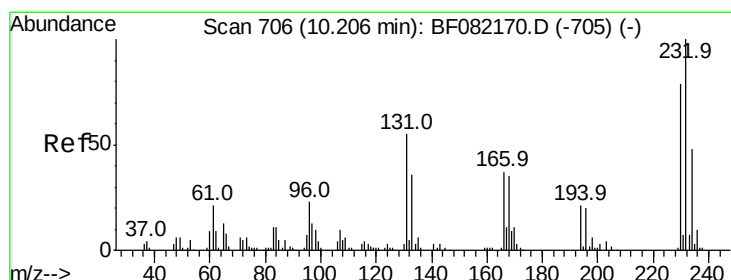
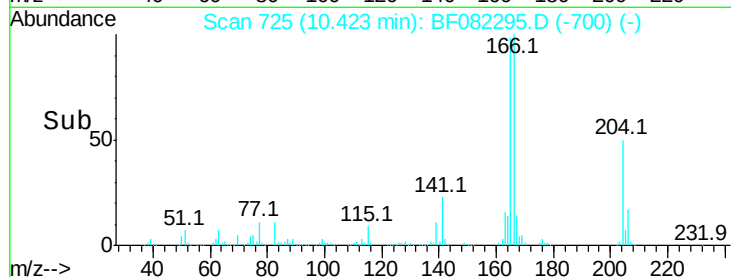
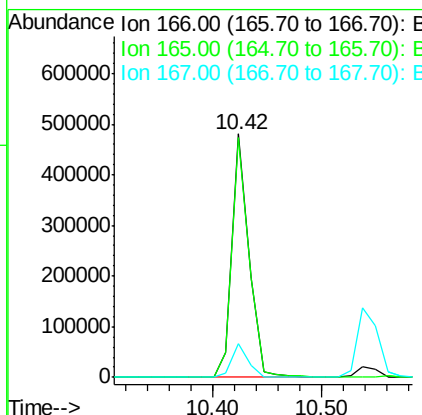
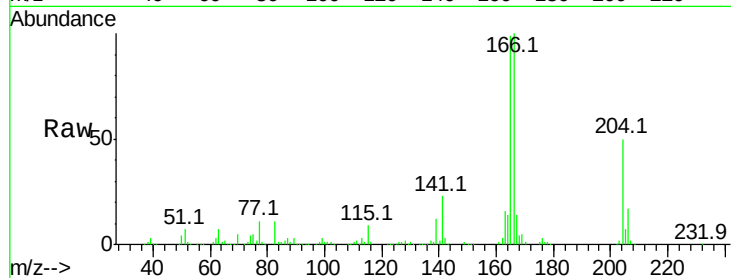
#57
 Fluorene
 Concen: 36.75 ng
 RT: 10.42 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	78.3	117.5	
167	13.9	10.8	16.2	

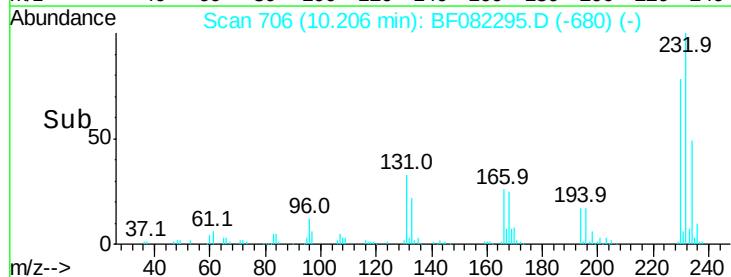
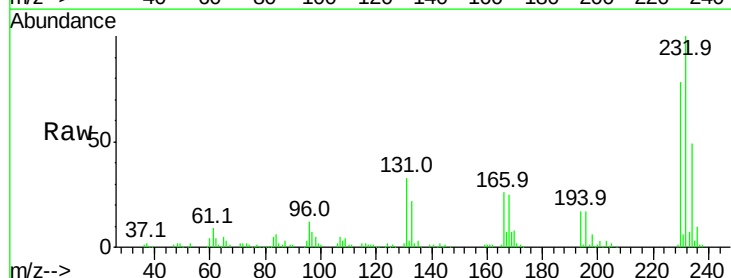
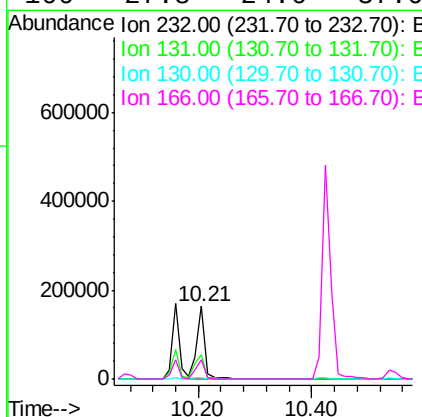
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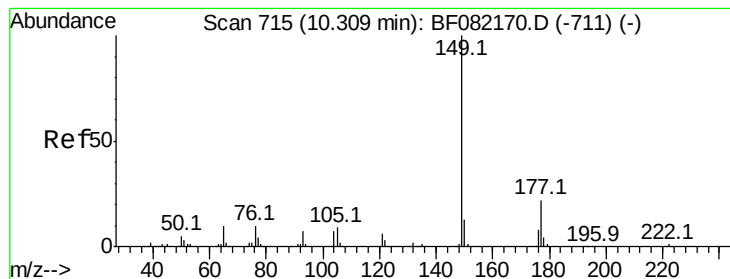
MMdadoda
 10/16/2015 4:15:45 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.73 ng
 RT: 10.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	38.7	36.6	54.8	
130	1.8	1.5	2.3	
166	27.8	24.6	37.0	





#59

Diethylphthalate

Concen: 42.29 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

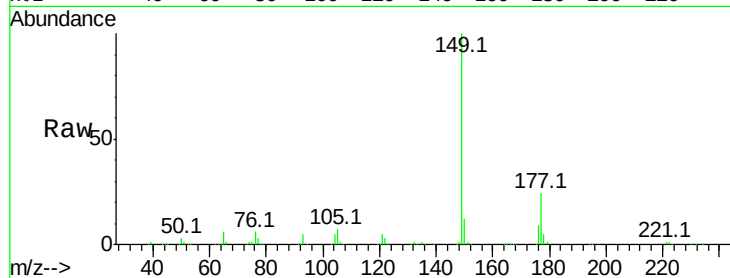
ClientSampleId :

SSTDCCC040

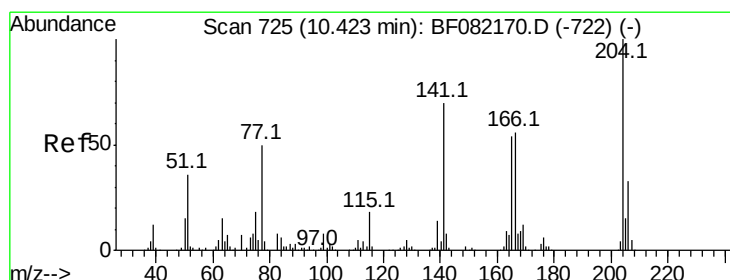
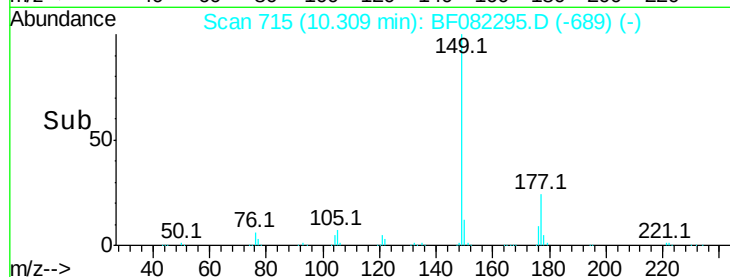
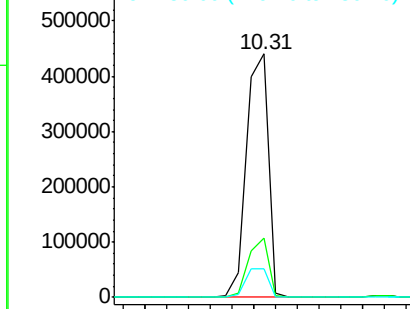
Tot Ion:	149	Resp:	617110
Ion Ratio	Lower	Upper	
149	100		
177	24.4	17.6	26.4
150	11.9	10.3	15.5

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



#60

4-Chlorophenyl-phenylether

Concen: 42.26 ng

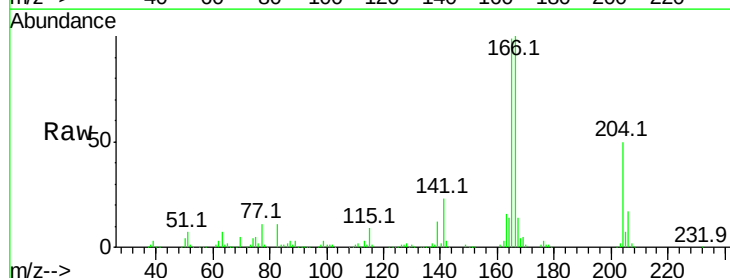
RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

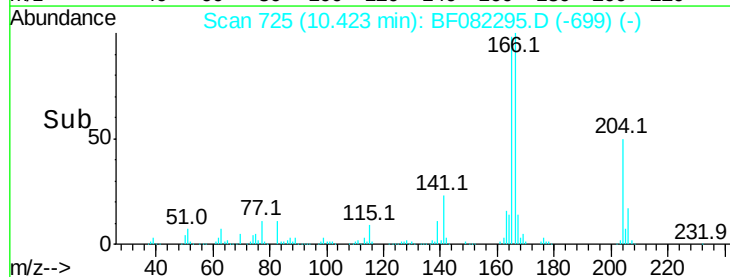
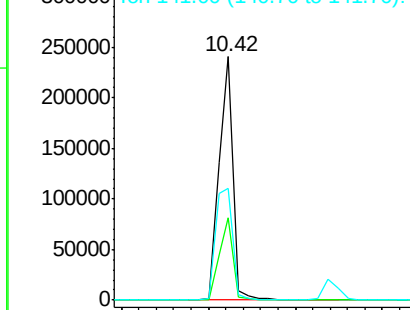
Lab File: BF082295.D

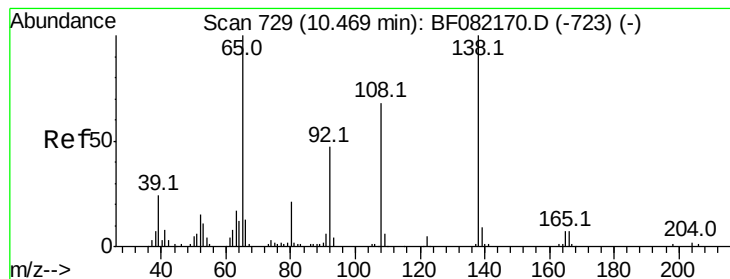
Acq: 15 Oct 2015 8:12

Tgt Ion:	204	Resp:	272458
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.8	40.2
141	45.9	56.1	84.1#



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





#61

4-Nitroaniline

Concen: 41.49 ng

RT: 10.46 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

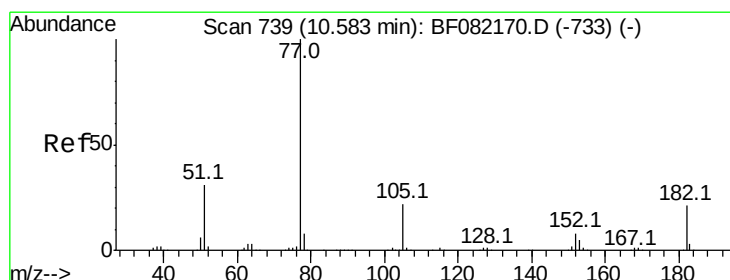
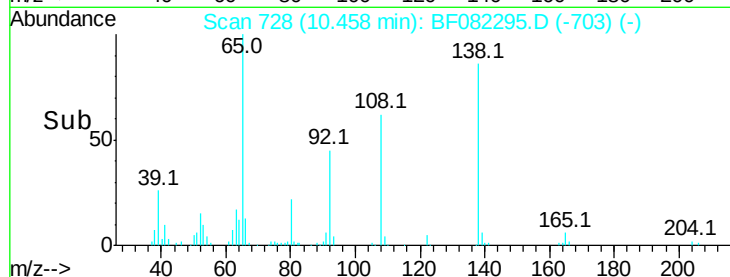
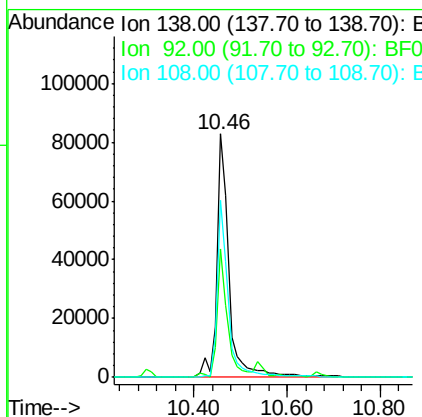
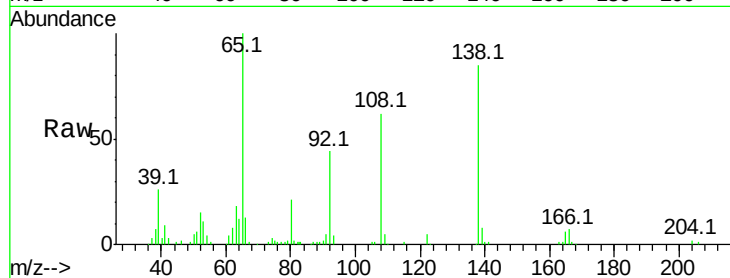
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	150152
Ion Ratio	Lower	Upper	
138	100		
92	52.5	26.8	66.8
108	72.8	48.4	88.4

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#62

Azobenzene

Concen: 39.63 ng

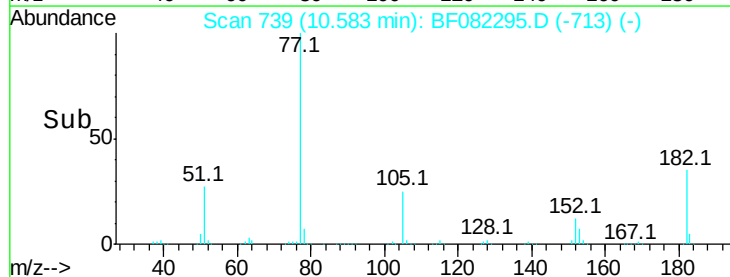
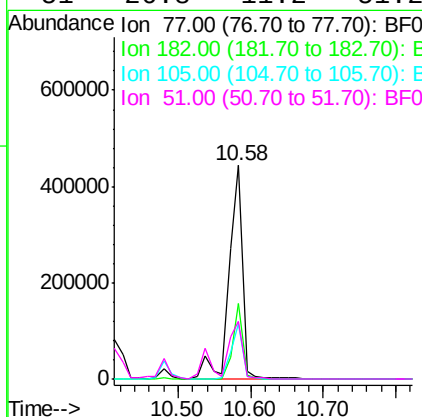
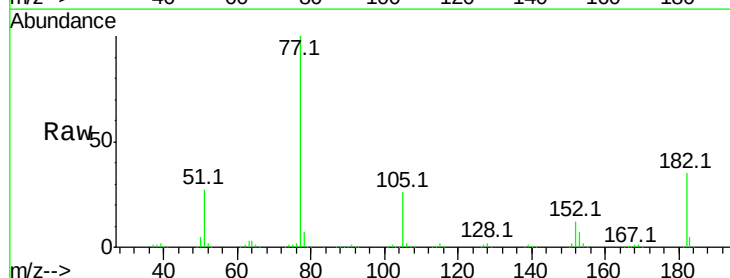
RT: 10.58 min Scan# 739

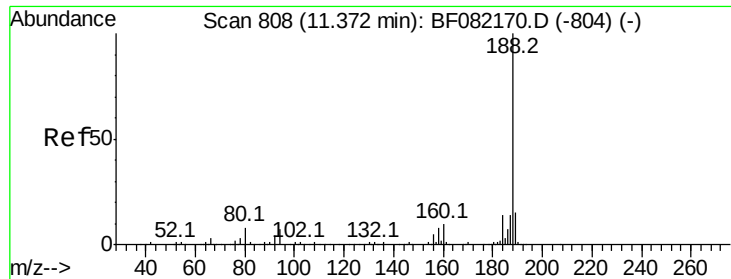
Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	77	Resp:	565979
Ion Ratio	Lower	Upper	
77	100		
182	35.2	0.5	40.5
105	25.7	1.8	41.8
51	26.8	11.2	51.2





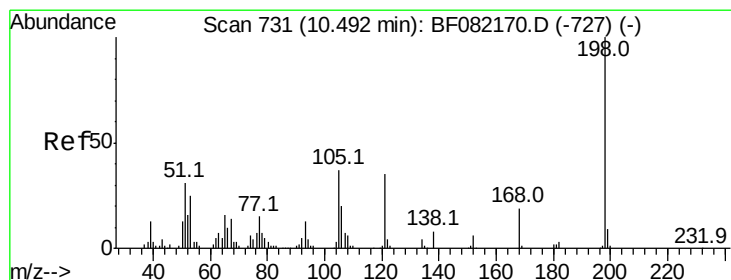
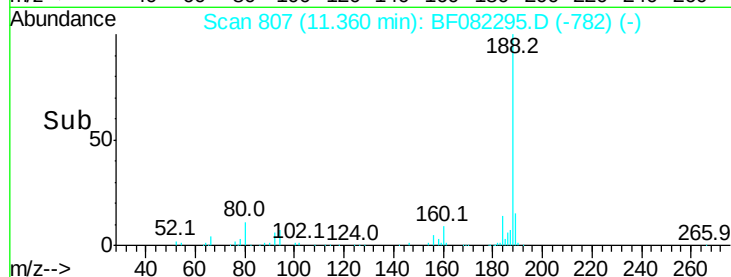
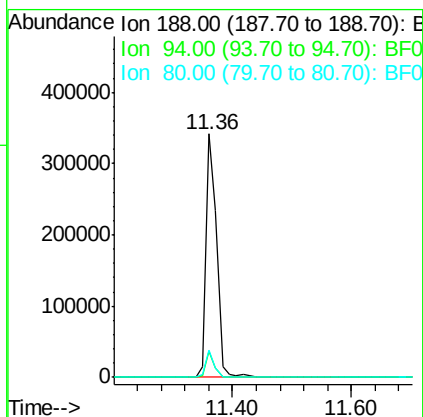
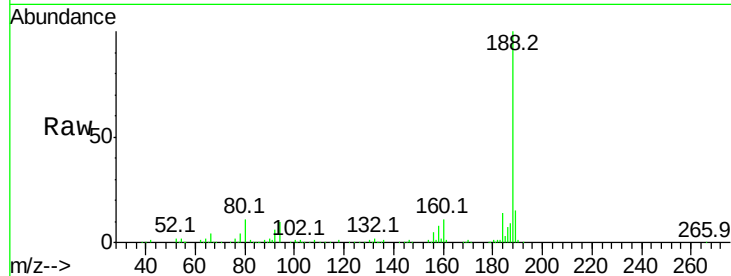
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.4	5.8	8.6#	
80	11.3	6.4	9.6#	

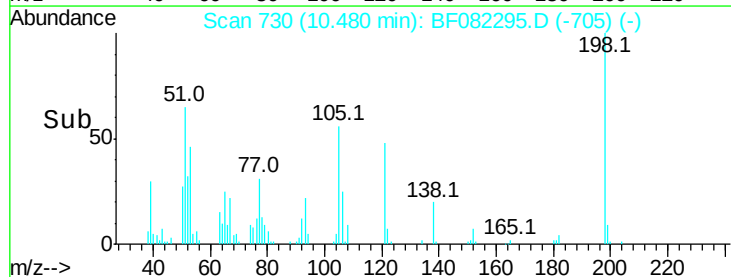
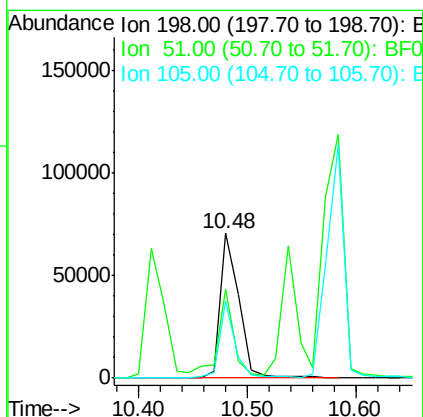
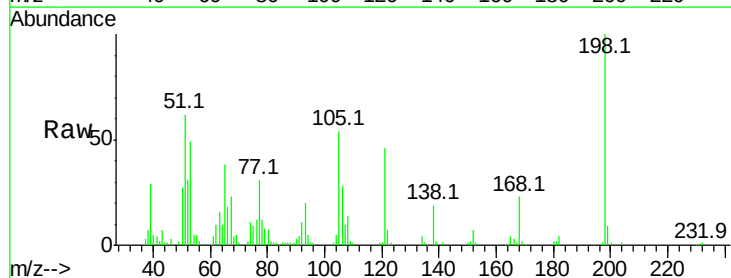
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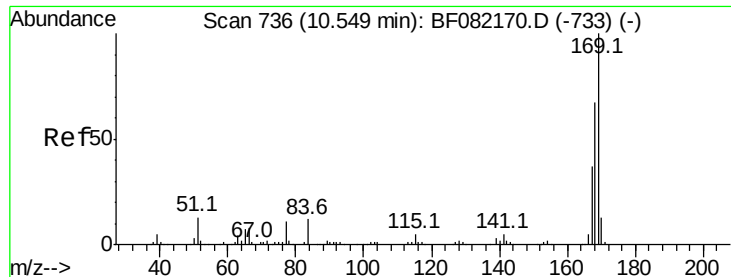
MMdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 35.18 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.8	13.6	53.6#	
105	53.5	17.1	57.1	





#65

n-Nitrosodiphenylamine

Concen: 37.73 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

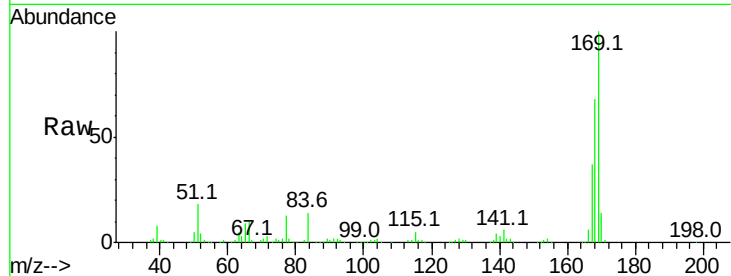
ClientSampleId :

SSTDCCC040

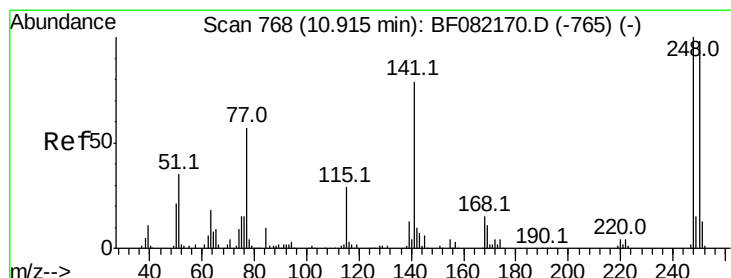
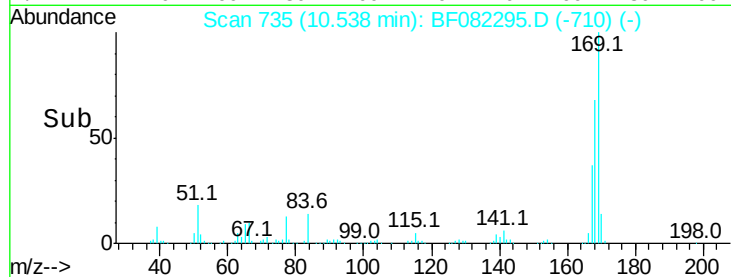
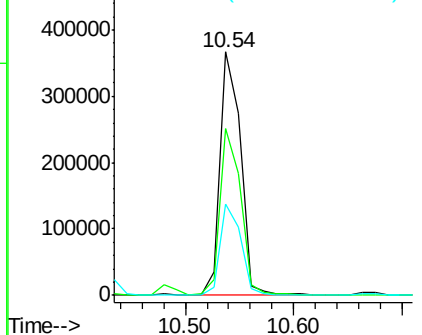
Tot Ion:	169	Resp:	485478
Ion Ratio	Lower	Upper	
169	100		
168	68.3	54.0	81.0
167	37.5	29.6	44.4

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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: 39.67 ng

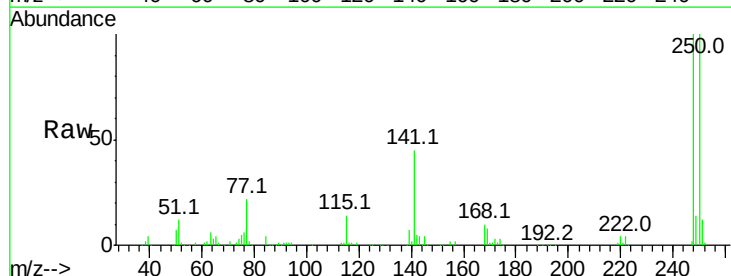
RT: 10.91 min Scan# 768

Delta R.T. -0.00 min

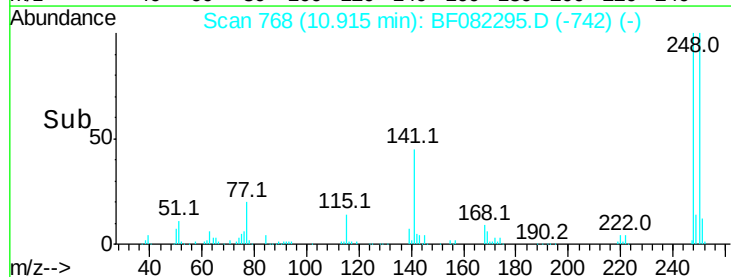
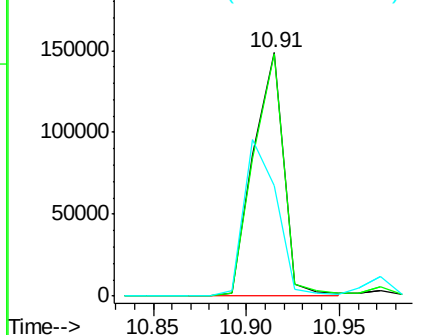
Lab File: BF082295.D

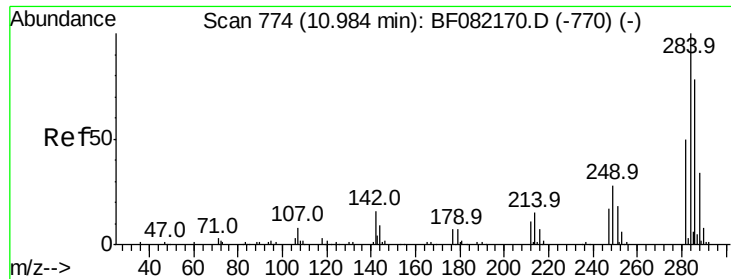
Acq: 15 Oct 2015 8:12

Tgt Ion:	248	Resp:	170615
Ion Ratio	Lower	Upper	
248	100		
250	99.7	78.6	117.8
141	45.2	63.3	94.9#



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





#67

Hexachlorobenzene

Concen: 37.10 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

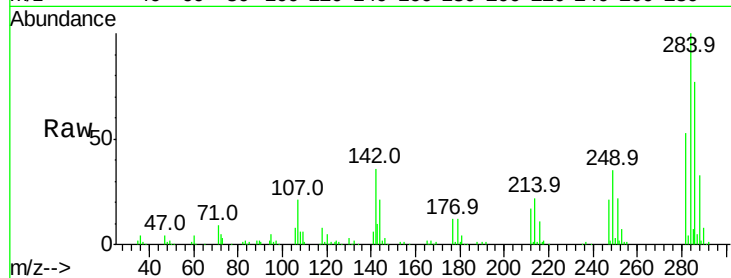
ClientSampleId :

SSTDCCC040

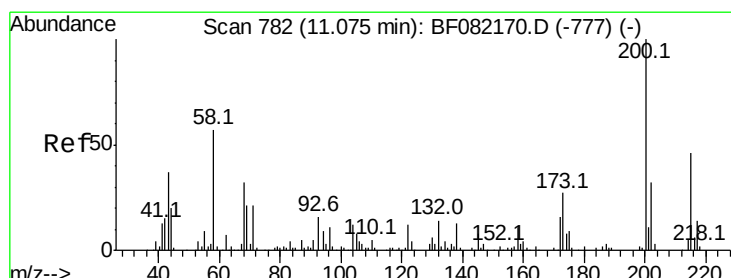
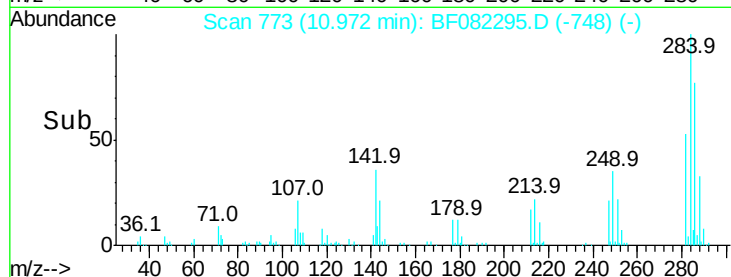
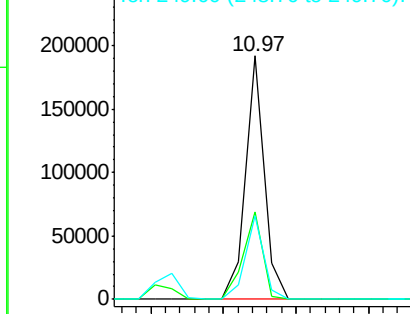
Tot Ion	Ratio	Resp	Lower	Upper
284	100	172582		
142	35.9	13.0	19.6#	
249	34.5	22.5	33.7#	

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



#68

Atrazine

Concen: 41.93 ng

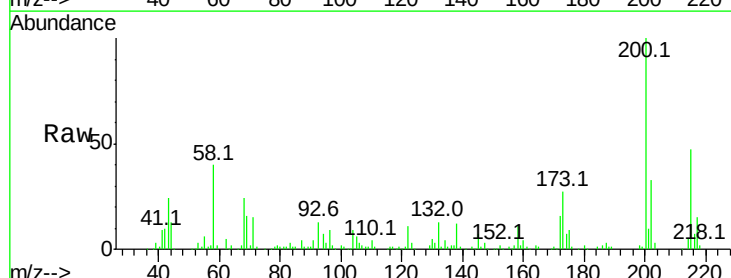
RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

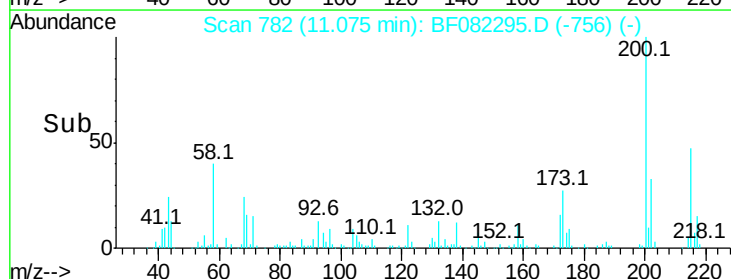
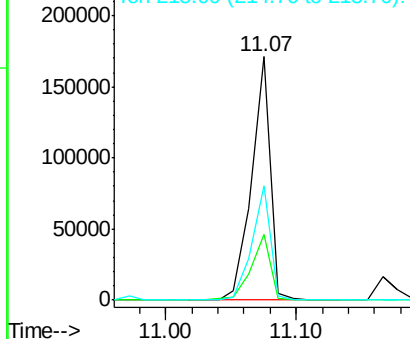
Lab File: BF082295.D

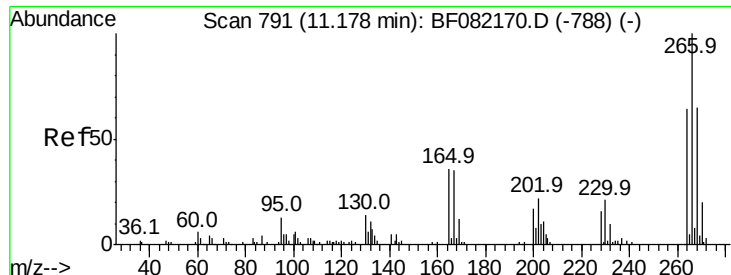
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	170930		
173	26.9	7.3	47.3	
215	46.7	26.2	66.2	



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





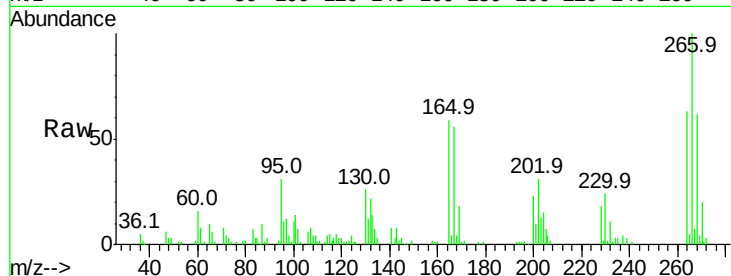
#69
 Pentachlorophenol
 Concen: 40.45 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

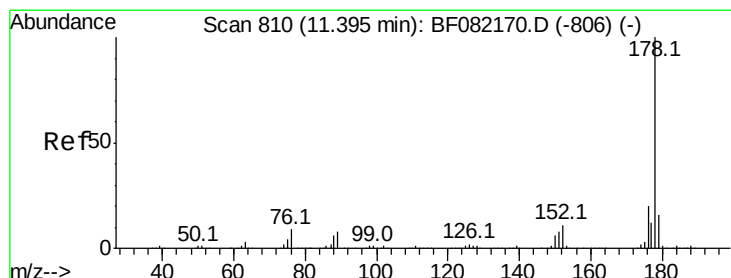
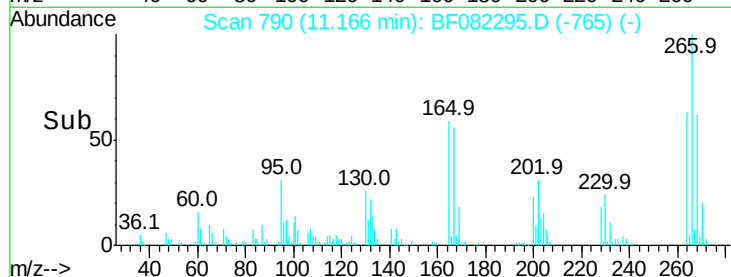
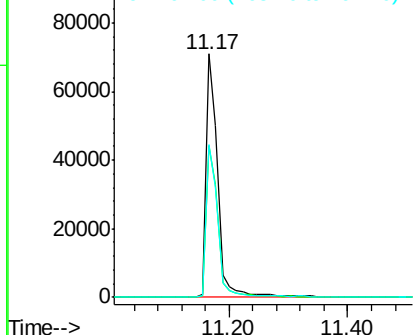
Tot Ion	Ratio	Resp	Lower	Upper
266	100	96839		
268	62.5	52.0	78.0	
264	62.6	51.4	77.0	

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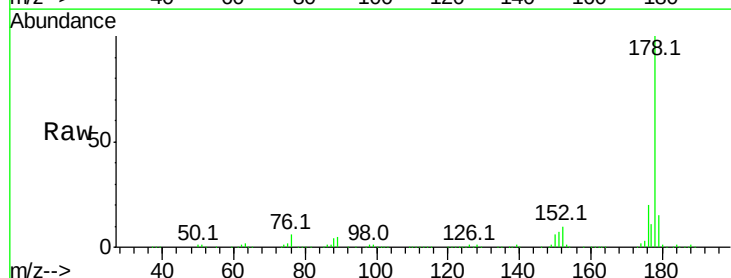


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

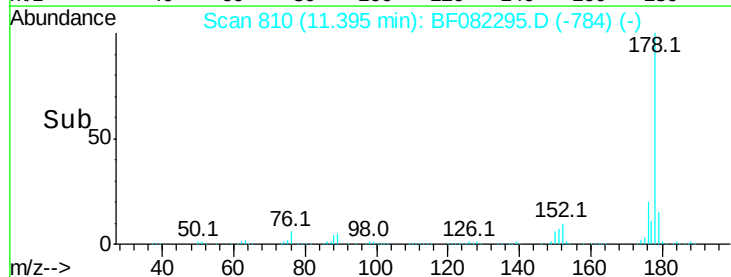
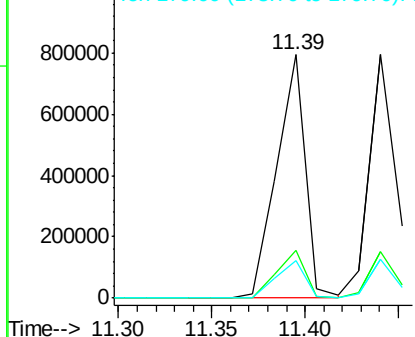


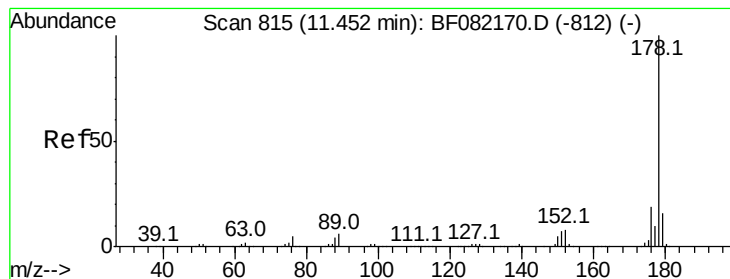
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	847528		
176	19.8	16.0	24.0	
179	15.4	12.6	19.0	



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





#71

Anthracene

Concen: 37.78 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

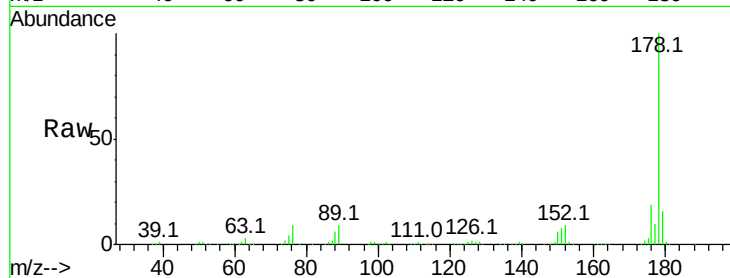
ClientSampleId :

SSTDCCC040

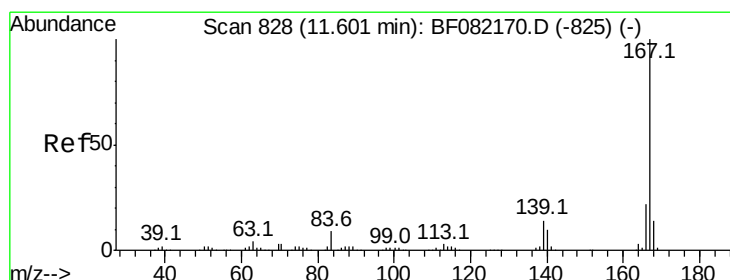
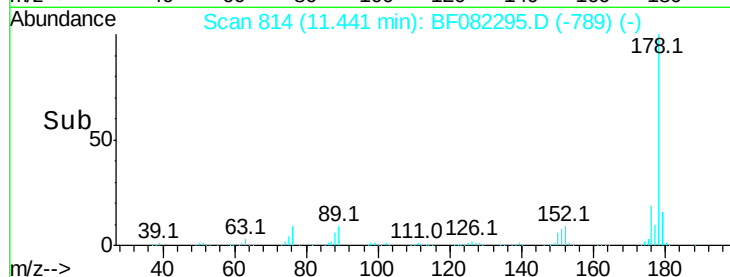
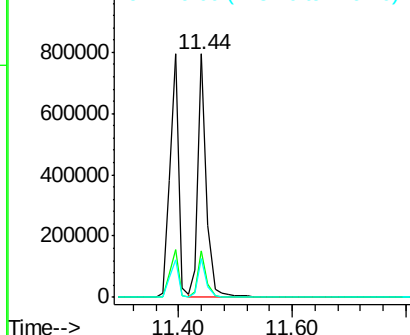
Tot Ion:	178	Resp:	820189
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.2	12.5	18.7

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



#72

Carbazole

Concen: 36.47 ng

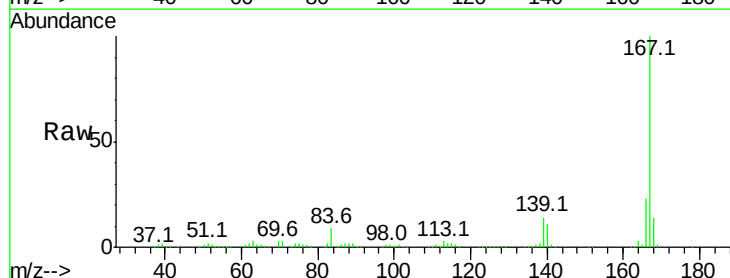
RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

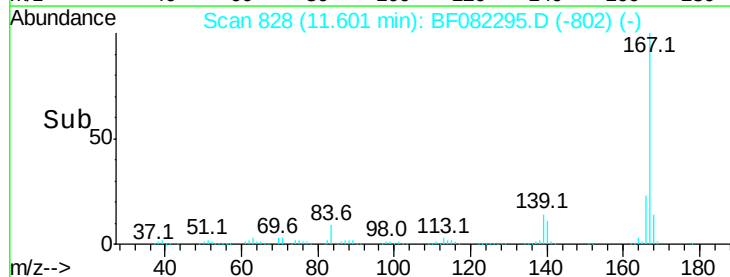
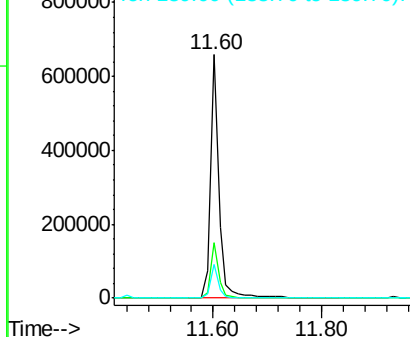
Lab File: BF082295.D

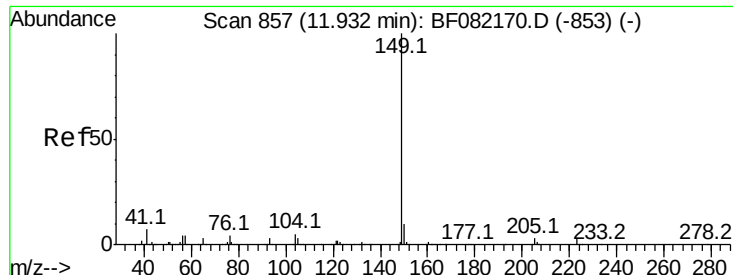
Acq: 15 Oct 2015 8:12

Tgt Ion:	167	Resp:	722217
Ion Ratio	Lower	Upper	
167	100		
166	22.6	17.3	25.9
139	13.7	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: 41.68 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1018252

Ion Ratio Lower Upper

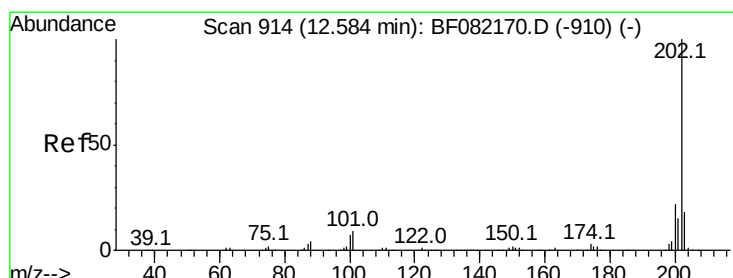
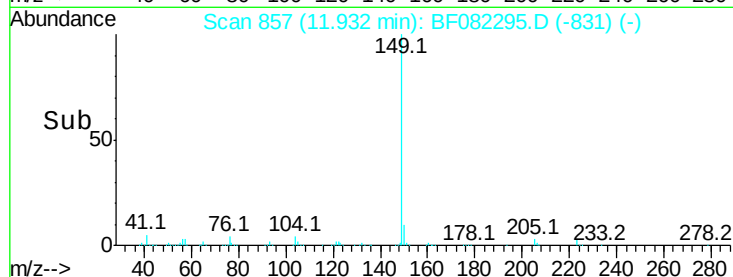
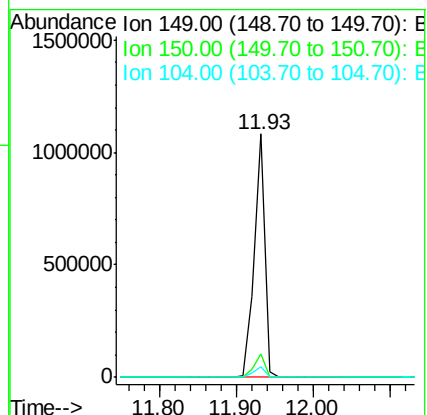
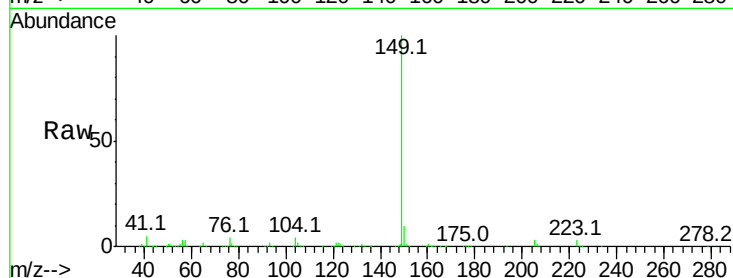
149 100

150 9.6 7.8 11.6

104 4.2 3.8 5.8

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#74

Fluoranthene

Concen: 37.43 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

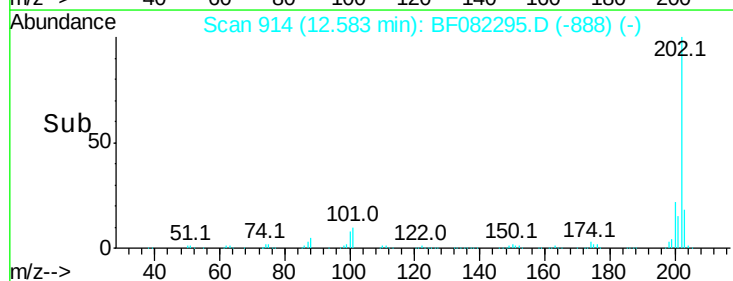
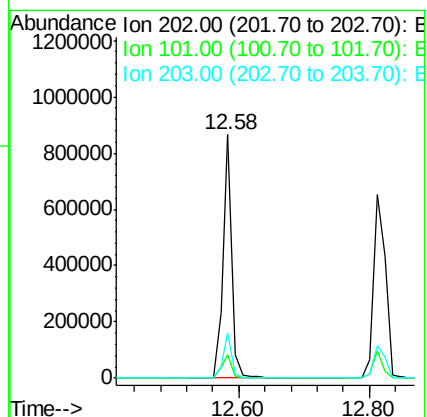
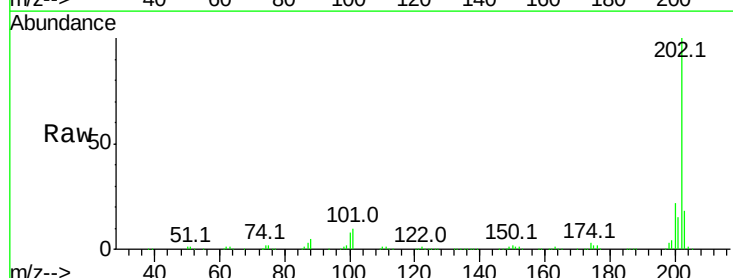
Tgt Ion:202 Resp: 846805

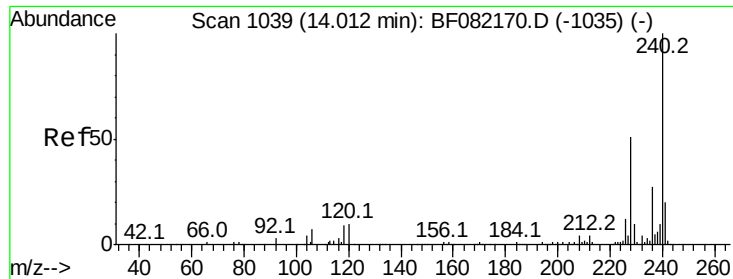
Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.3

203 18.4 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 1046

Delta R.T. 0.08 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

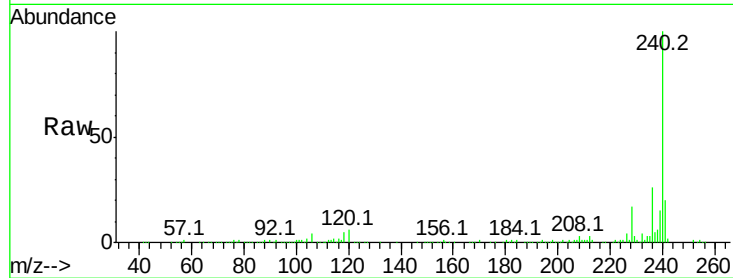
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100	315462		
120	6.0	8.1	12.1	#
236	25.5	21.3	31.9	

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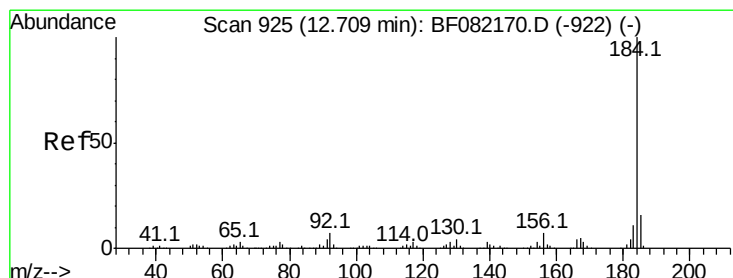
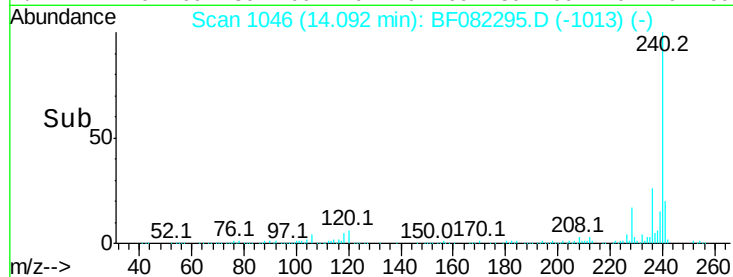
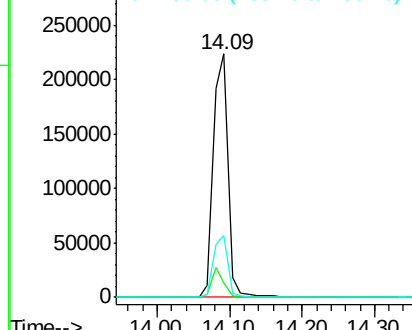
MMdadoda
10/16/2015 4:15:45 PM



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: 45.12 ng

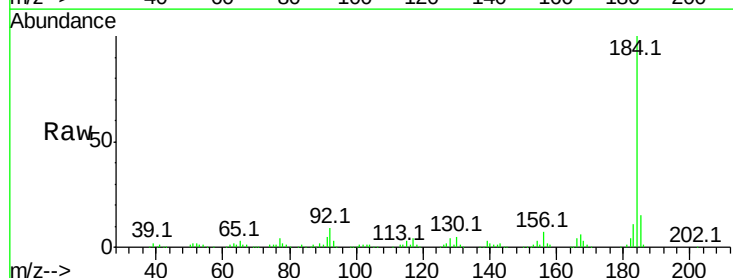
RT: 12.71 min Scan# 925

Delta R.T. -0.00 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

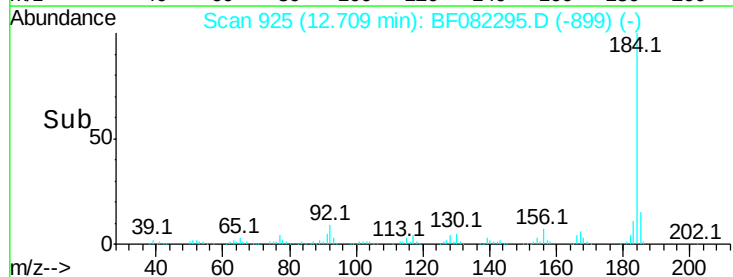
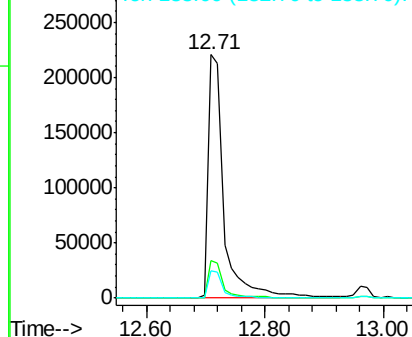
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	412494		
185	15.4	12.5	18.7	
183	11.3	9.1	13.7	

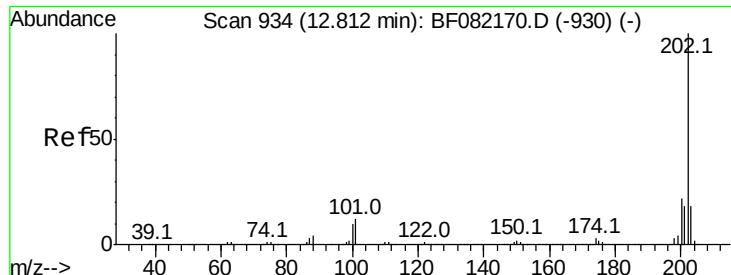


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





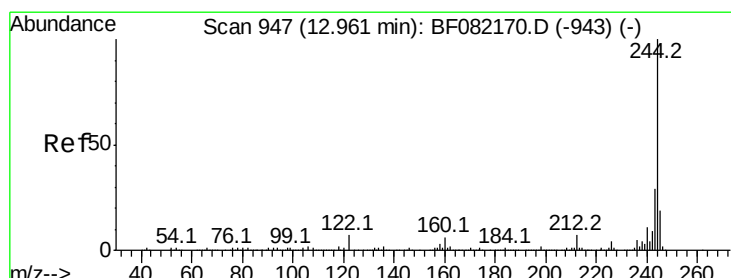
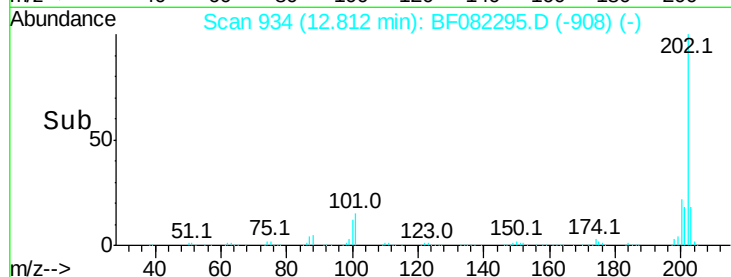
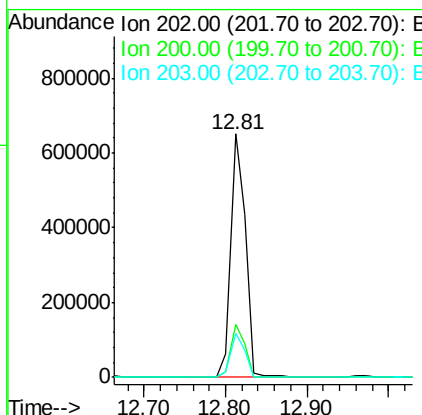
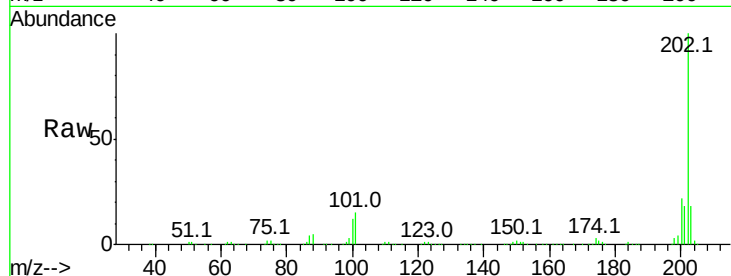
#77
Pvrene
Concen: 42.99 ng
RT: 12.81 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.0	14.5	21.7

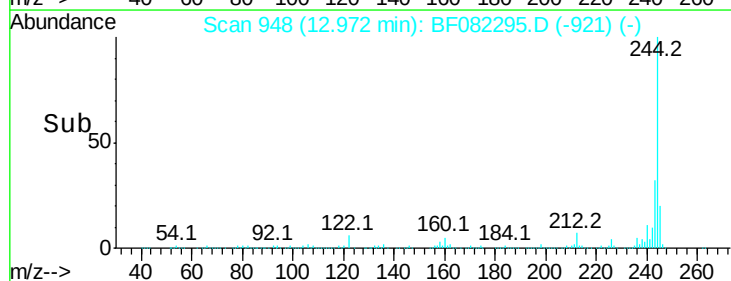
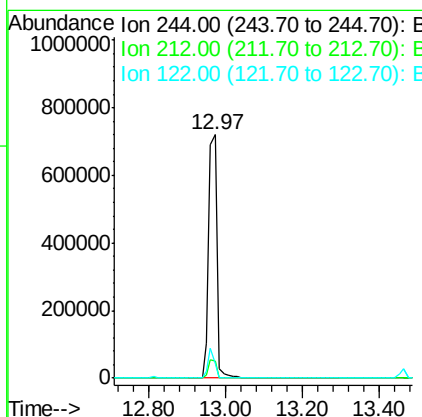
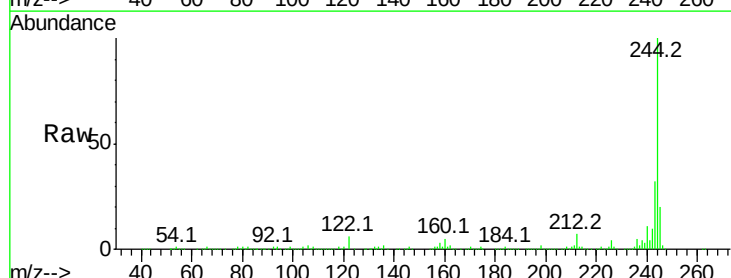
Manual Integrations
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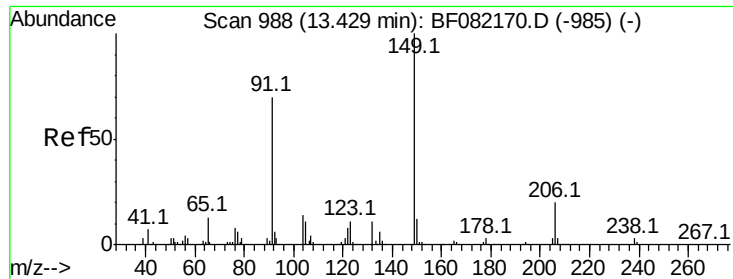
MMdadoda
10/16/2015 4:15:45 PM



#78
Terphenyl-d14
Concen: 91.90 ng
RT: 12.97 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.8	8.6
122	6.1	5.9	8.9





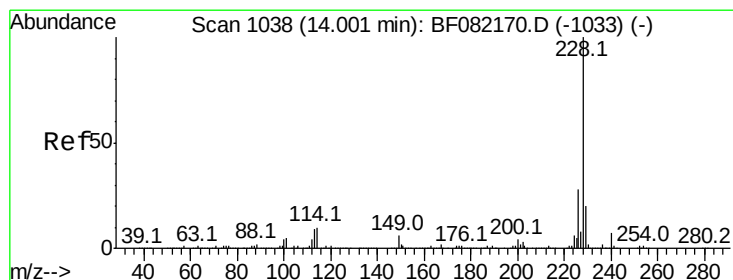
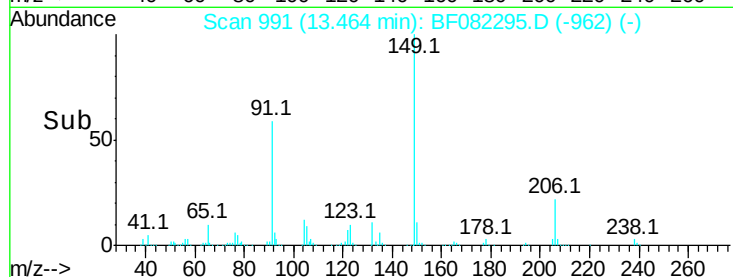
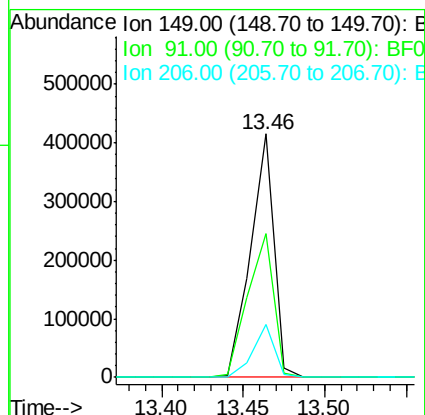
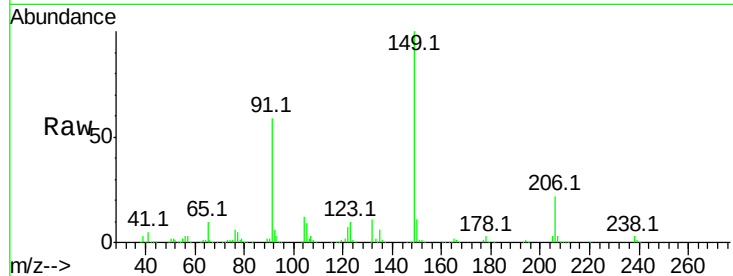
#79
Butylbenzylphthalate
Concen: 48.68 ng
RT: 13.46 min Scan# 991
Delta R.T. 0.03 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	415867		
91	59.3		55.7	83.5
206	21.9		15.6	23.4

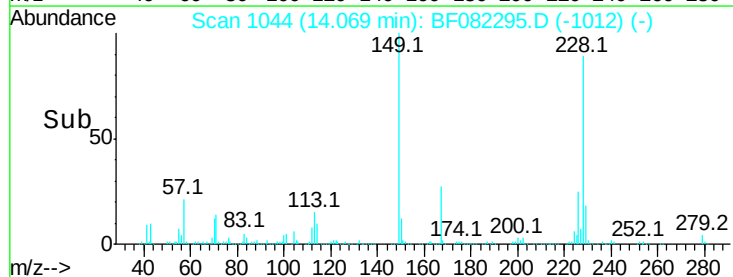
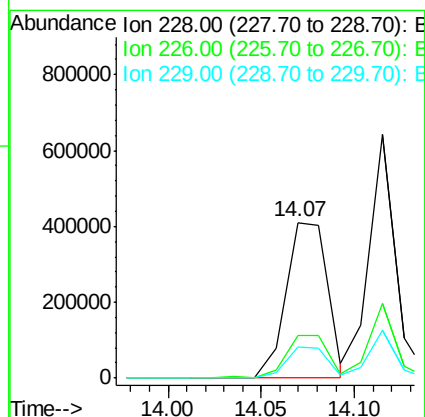
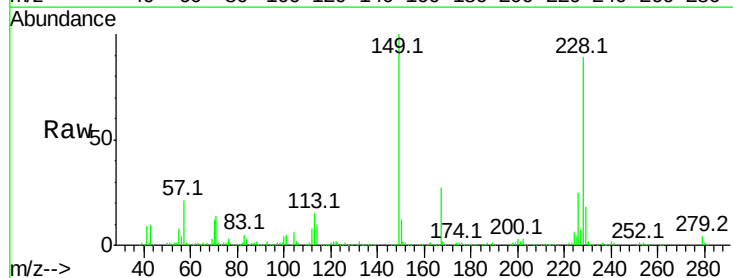
Manual Integrations
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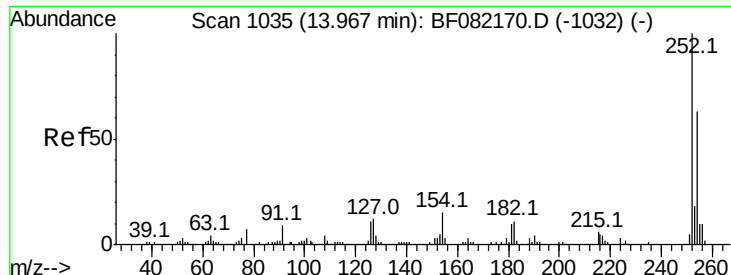
MMdadoda
10/16/2015 4:15:45 PM



#80
Benzo(a)anthracene
Concen: 38.95 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.07 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	639298		
226	27.7		22.3	33.5
229	19.9		16.2	24.2





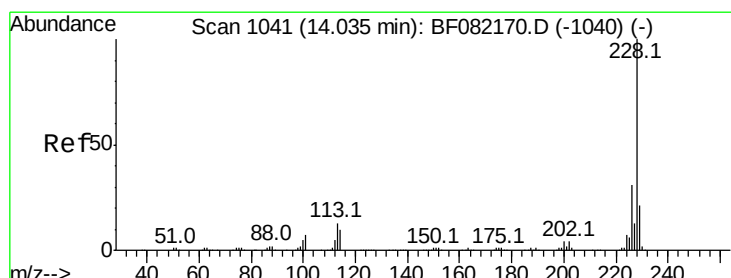
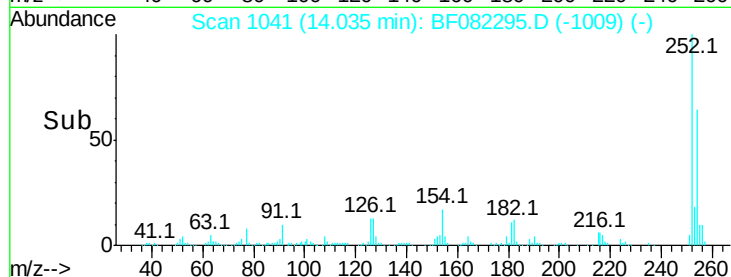
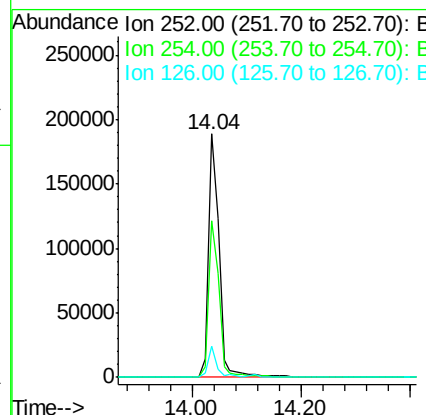
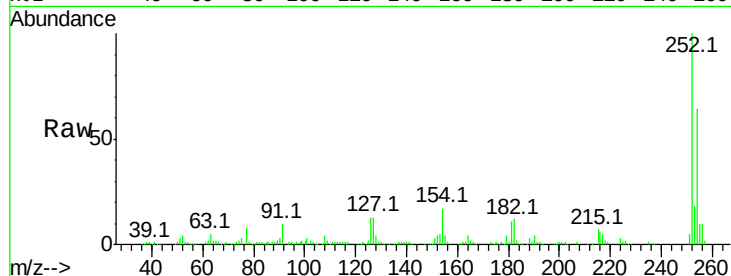
#81
 3,3'-Dichlorobenzidine
 Concen: 40.43 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.07 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	251908
Ion Ratio	Lower	Upper	
252	100		
254	64.1	50.7	76.1
126	12.6	9.0	13.6

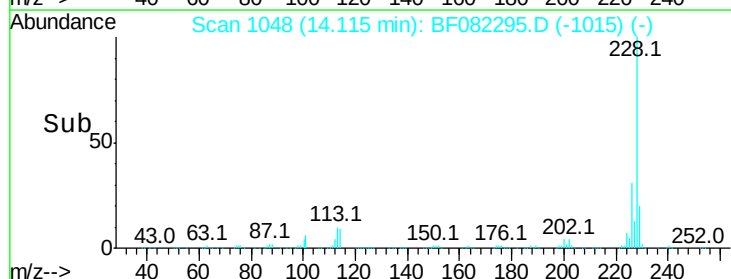
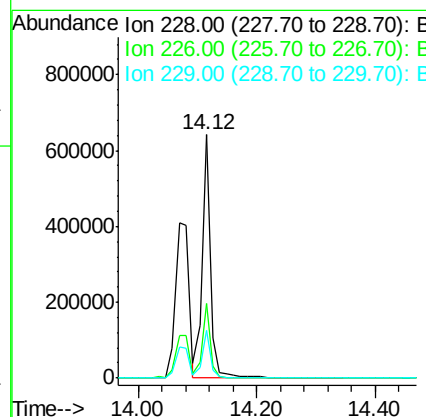
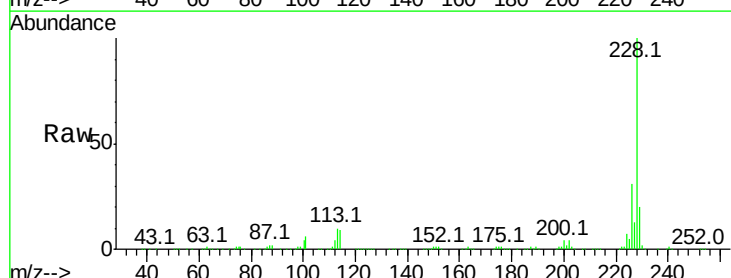
Manual Integrations
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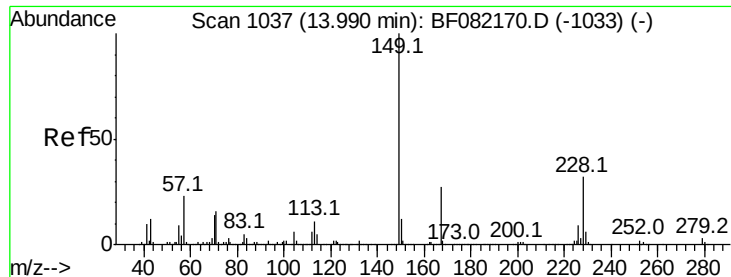
MMdadoda
 10/16/2015 4:15:45 PM



#82
 Chrysene
 Concen: 37.40 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.08 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion:	228	Resp:	646788
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.4	36.6
229	19.8	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.43 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.08 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

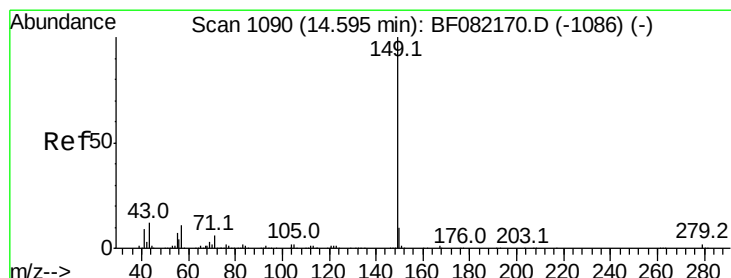
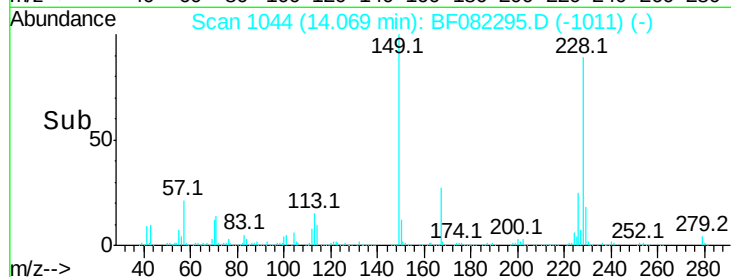
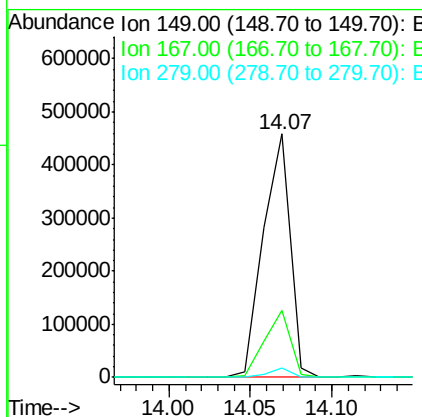
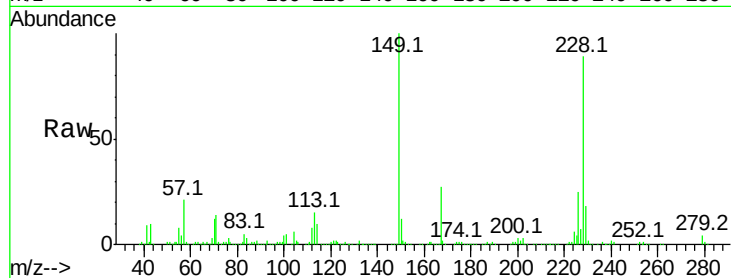
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	529376
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.3	31.9
279	3.9	2.6	4.0

Manual Integrations
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MMdadoda
10/16/2015 4:15:45 PM



#84

Di-n-octyl phthalate

Concen: 37.90 ng

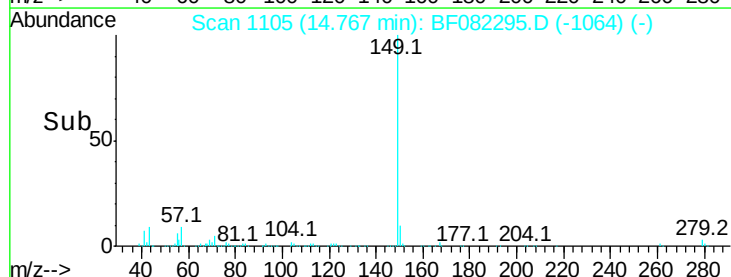
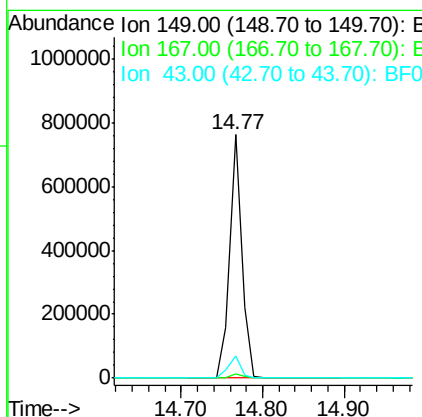
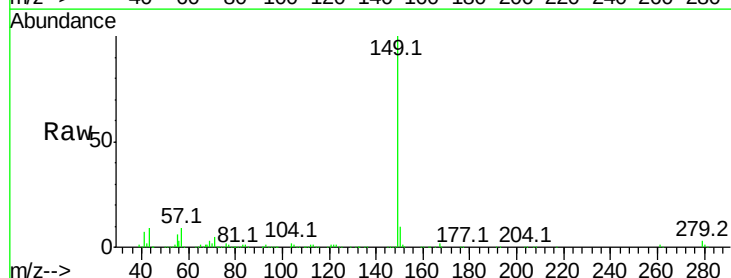
RT: 14.77 min Scan# 1105

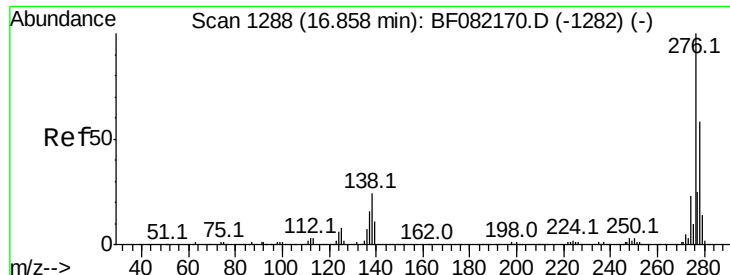
Delta R.T. 0.17 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion:	149	Resp:	793283
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.2	7.4	11.2





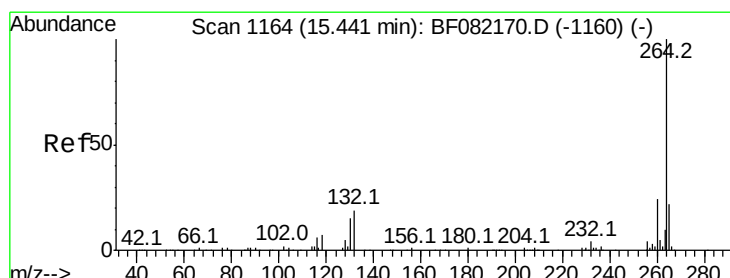
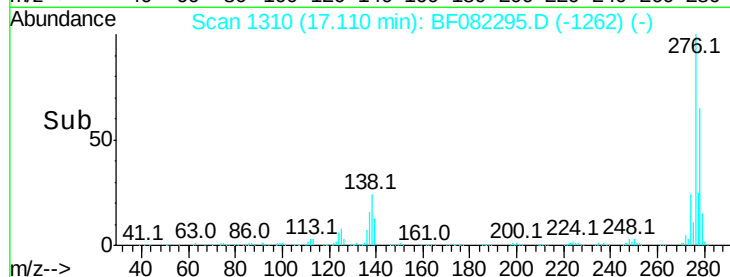
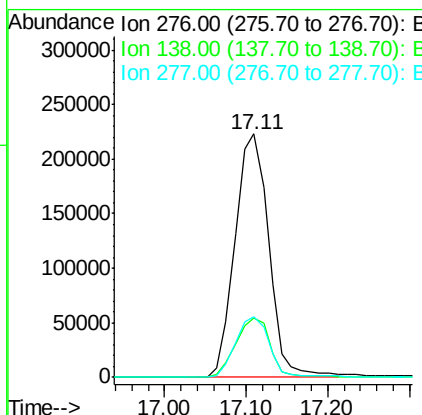
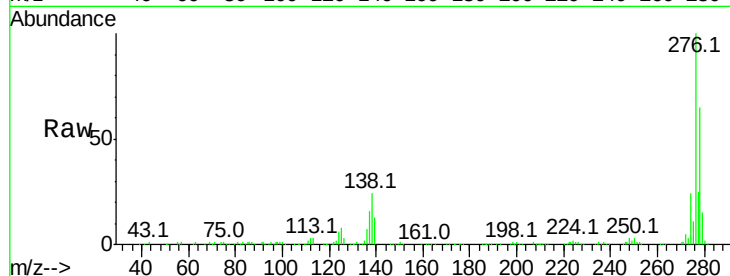
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.70 ng
 RT: 17.11 min Scan# 1310
 Delta R.T. 0.25 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.7	29.5
277	25.2	20.1	30.1

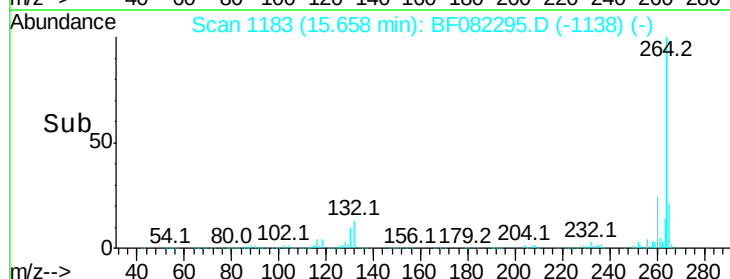
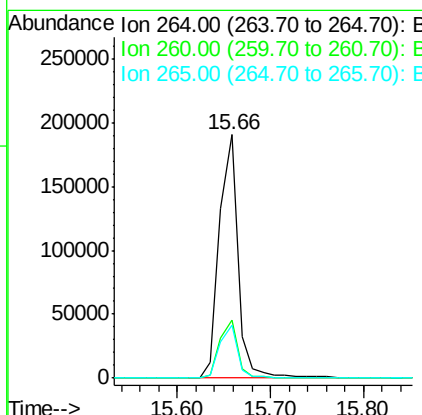
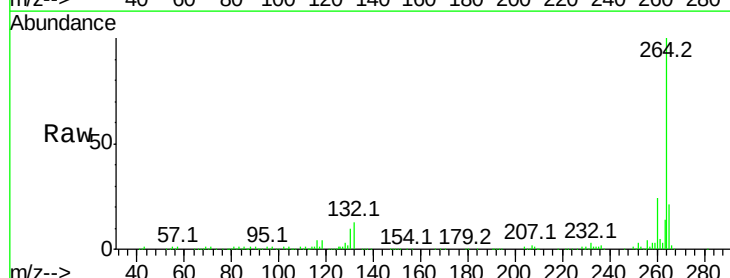
Manual Integrations
 APPROVED

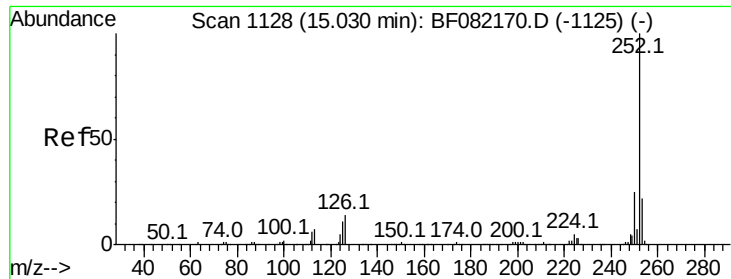
MMdadoda
 10/16/2015 4:15:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.66 min Scan# 1183
 Delta R.T. 0.22 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 37.64 ng

RT: 15.24 min Scan# 1146

Delta R.T. 0.21 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Instrument :

BNA_F

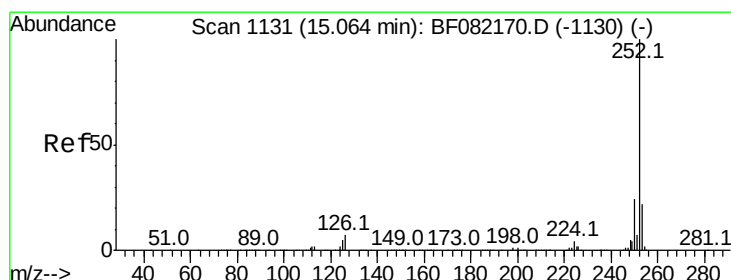
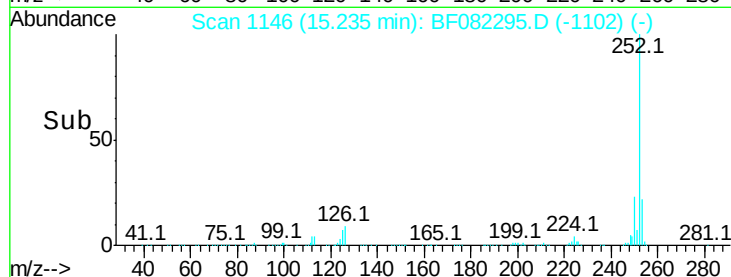
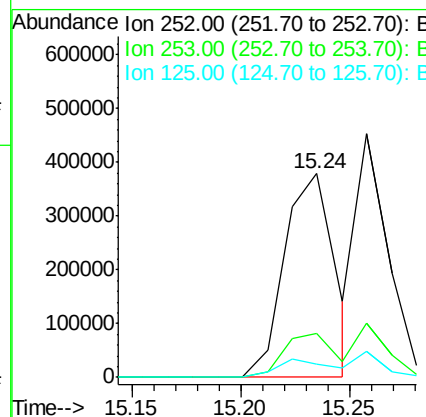
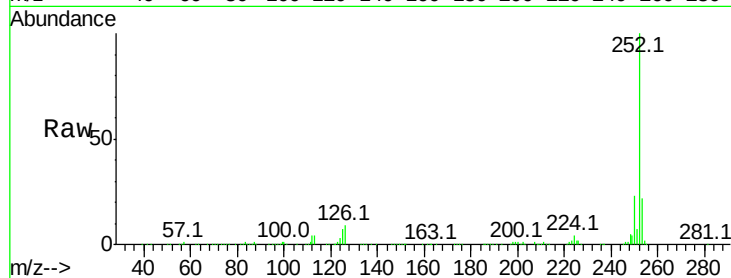
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	6.6	8.6	12.8#

Manual Integrations
APPROVED

MMdadoda
10/16/2015 4:15:45 PM



#88

Benzo(k)fluoranthene

Concen: 35.53 ng m

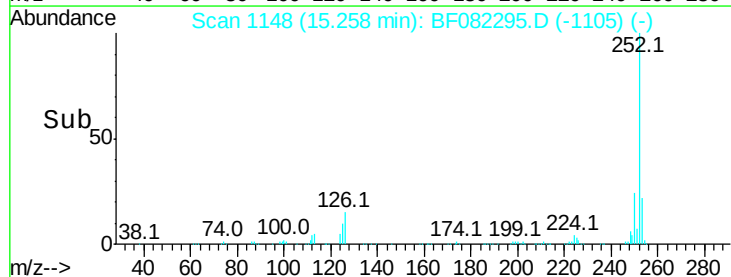
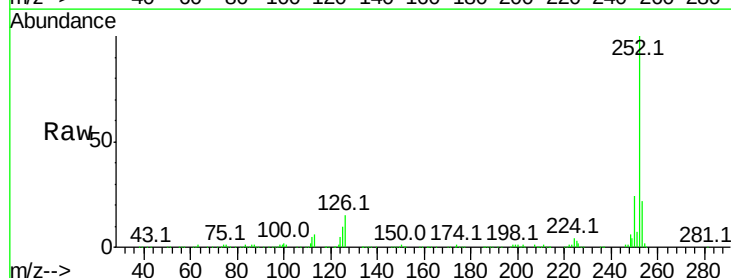
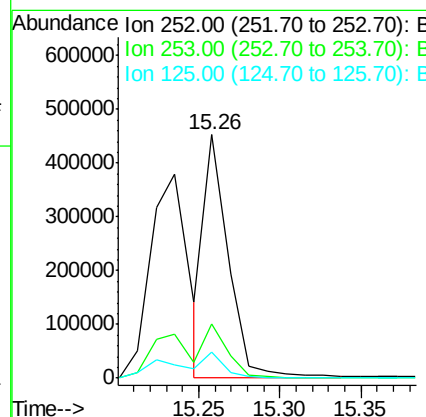
RT: 15.26 min Scan# 1148

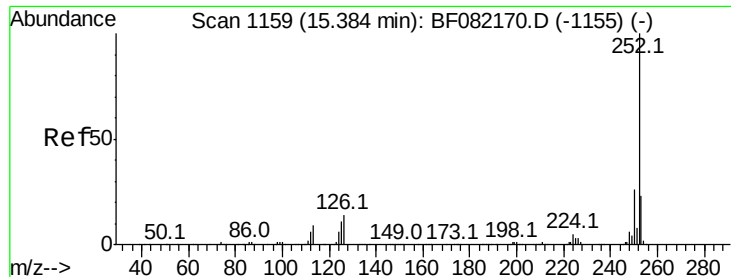
Delta R.T. 0.19 min

Lab File: BF082295.D

Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	10.5	6.7	10.1#





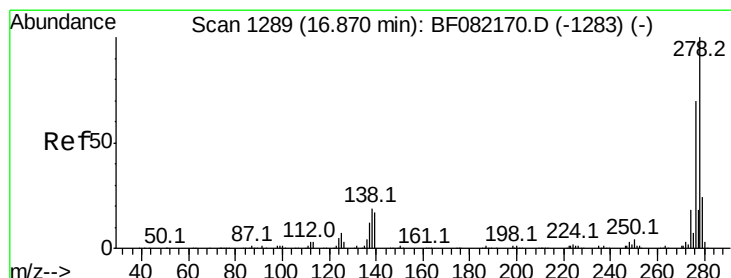
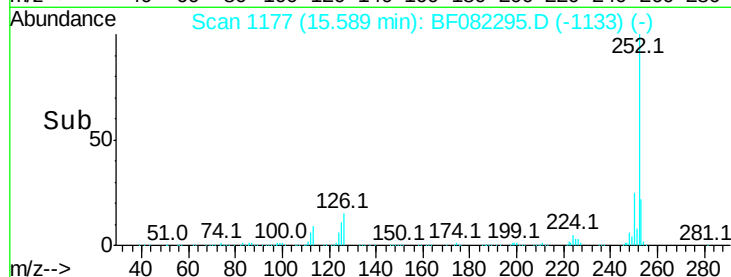
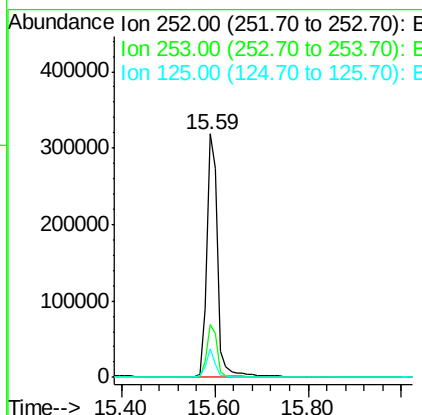
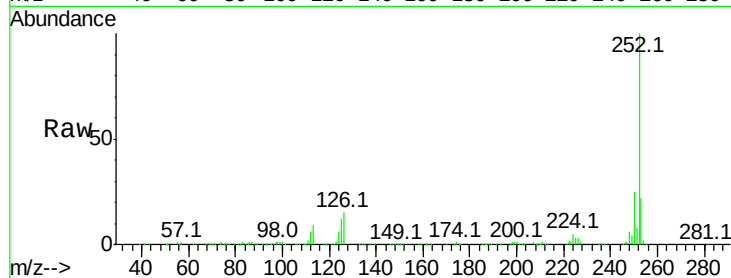
#89
Benzo(a)pyrene
Concen: 37.57 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.21 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	11.6	8.9	13.3

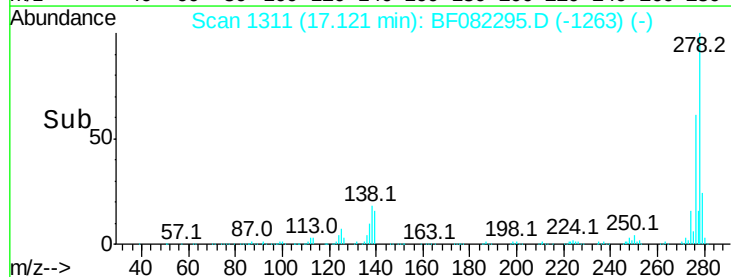
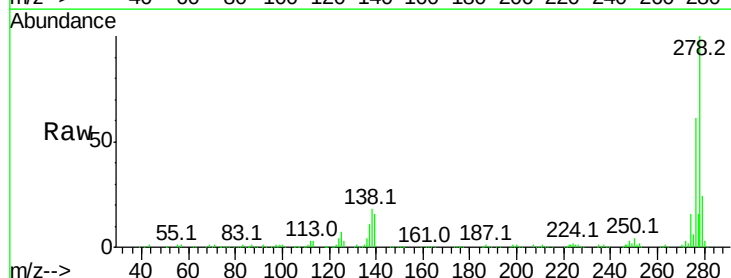
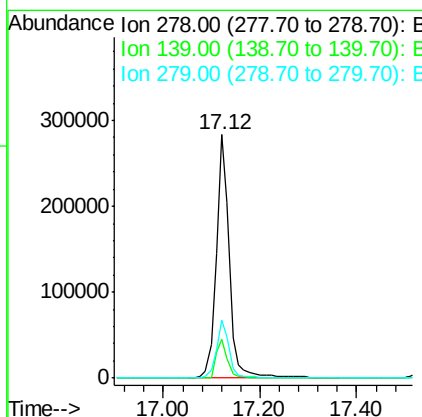
Manual Integrations
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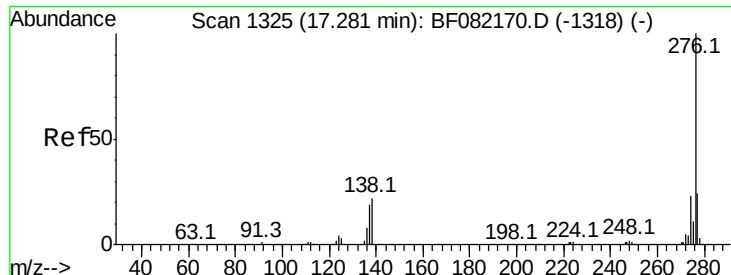
MMdadoda
10/16/2015 4:15:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 47.68 ng
RT: 17.12 min Scan# 1311
Delta R.T. 0.25 min
Lab File: BF082295.D
Acq: 15 Oct 2015 8:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.3	19.9
279	23.8	18.9	28.3





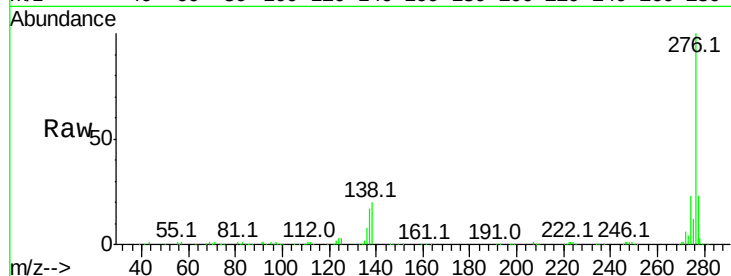
#91
 Benzo(a,h,i)perylene
 Concen: 49.41 ng
 RT: 17.54 min Scan# 1348
 Delta R.T. 0.26 min
 Lab File: BF082295.D
 Acq: 15 Oct 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.8	17.4	26.2

Manual Integrations
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MMdadoda
 10/16/2015 4:15:45 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

