

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082275.D
 Acq On : 14 Oct 2015 12:16
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 10/15/2015 4:55:34 PM

Quant Time: Oct 15 01:42:37 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	95701	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	378557	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	198172	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	382221	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	362362	20.00	ng	0.11
86) Perylene-d12	15.74	264	312829	20.00	ng	0.30

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	360219	75.97	ng	-0.02
7) Phenol-d6	6.47	99	490402	79.47	ng	-0.01
23) Nitrobenzene-d5	7.39	82	438459	77.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	146654	78.91	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	961442	80.46	ng	-0.01
78) Terphenyl-d14	12.98	244	1051747	76.91	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	83261	34.95	ng	99
3) Pyridine	3.07	79	227540	41.06	ng	100
4) n-Nitrosodimethylamine	3.04	42	94819	40.35	ng	99
6) Aniline	6.49	93	328603	41.30	ng	97
8) 2-Chlorophenol	6.61	128	217899	37.64	ng	86
9) Benzaldehyde	6.38	77	131978	41.88	ng	90
10) Phenol	6.48	94	290499	40.83	ng	91
11) bis(2-Chloroethyl)ether	6.56	93	212057	35.25	ng	89
12) 1,3-Dichlorobenzene	6.77	146	255949m	37.97	ng	
13) 1,4-Dichlorobenzene	6.85	146	260269	36.97	ng	96
14) 1,2-Dichlorobenzene	6.99	146	247506	37.02	ng	95
15) Benzyl Alcohol	6.97	79	166185	39.01	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	316502	37.78	ng	99
17) 2-Methylphenol	7.09	107	173383	37.88	ng	98
18) Hexachloroethane	7.34	117	89201	37.02	ng	# 87
19) n-Nitroso-di-n-propylamine	7.25	70	145064	33.48	ng	# 86
20) 3+4-Methylphenols	7.25	107	213530	39.15	ng	99
22) Acetophenone	7.25	105	302519	40.40	ng	97
24) Nitrobenzene	7.42	77	237545	38.93	ng	97
25) Isophorone	7.66	82	447962	39.37	ng	99
26) 2-Nitrophenol	7.74	139	125582	41.22	ng	92
27) 2,4-Dimethylphenol	7.77	122	188024	38.30	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	270145	40.81	ng	99
29) 2,4-Dichlorophenol	7.98	162	204924	41.76	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	222567	39.35	ng	99
31) Naphthalene	8.14	128	637183	38.83	ng	100
32) Benzoic acid	7.89	122	72117	21.89	ng	93
33) 4-Chloroaniline	8.19	127	285121	41.84	ng	98
34) Hexachlorobutadiene	8.25	225	135047	38.32	ng	98
35) Caprolactam	8.58	113	62808	44.10	ng	96
36) 4-Chloro-3-methylphenol	8.67	107	193046	40.23	ng	98
37) 2-Methylnaphthalene	8.83	142	457231	40.19	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	216601	36.75	ng	100
40) Hexachlorocyclopentadiene	8.98	237	68251	28.81	ng	98

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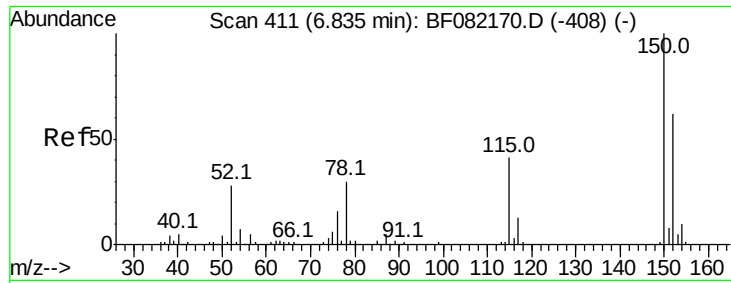
Manual Integrations
 APPROVED

MMdadoda
 10/15/2015 4:55:34 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	145399	37.14	nq	97
43) 2,4,5-Trichlorophenol	9.15	196	164586	38.81	nq	98
45) 1,1'-Biphenyl	9.29	154	521712	34.52	nq	100
46) 2-Chloronaphthalene	9.33	162	452669	38.05	nq	100
47) 2-Nitroaniline	9.43	65	139780	42.80	nq	# 66
48) Acenaphthylene	9.74	152	706456	38.12	nq	99
49) Dimethylphthalate	9.60	163	514777	36.89	nq	100
50) 2,6-Dinitrotoluene	9.67	165	116929	39.71	nq	# 86
51) Acenaphthene	9.91	154	423812	38.10	nq	99
52) 3-Nitroaniline	9.84	138	131324	39.48	nq	93
53) 2,4-Dinitrophenol	9.94	184	38566	27.96	nq	# 85
54) Dibenzofuran	10.08	168	583344	38.19	nq	100
55) 4-Nitrophenol	10.00	139	77295	41.51	nq	# 79
56) 2,4-Dinitrotoluene	10.07	165	137385	37.33	nq	# 87
57) Fluorene	10.42	166	455784	36.33	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	131826	38.04	nq	95
59) Diethylphthalate	10.30	149	494341	38.00	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	217713	37.89	nq	# 80
61) 4-Nitroaniline	10.46	138	132263	41.00	nq	95
62) Azobenzene	10.57	77	492848	38.71	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	71696	33.43	nq	79
65) n-Nitrosodiphenylamine	10.54	169	411387	35.95	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	142662	37.30	nq	# 85
67) Hexachlorobenzene	10.97	284	166258	40.19	nq	# 86
68) Atrazine	11.07	200	149888	41.34	nq	98
69) Pentachlorophenol	11.17	266	80803	37.96	nq	98
70) Phenanthrene	11.39	178	730740	39.00	nq	99
71) Anthracene	11.44	178	756735	39.20	nq	99
72) Carbazole	11.60	167	693725	39.39	nq	99
73) Di-n-butylphthalate	11.93	149	905171	41.66	nq	99
74) Fluoranthene	12.58	202	805802	40.05	nq	97
76) Benzidine	12.72	184	246668	23.49	nq	99
77) Pyrene	12.82	202	790928	36.78	nq	99
79) Butylbenzylphthalate	13.49	149	364235	37.11	nq	98
80) Benzo(a)anthracene	14.12	228	720616	38.22	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	280601	39.21	nq	99
82) Chrysene	14.16	228	772182	38.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	490438	35.03	nq	99
84) Di-n-octyl phthalate	14.84	149	835697	34.76	nq	100
85) Indeno(1,2,3-cd)pyrene	17.19	276	619092m	39.21	nq	
87) Benzo(b)fluoranthene	15.30	252	760926	39.98	nq	100
88) Benzo(k)fluoranthene	15.34	252	565709m	35.36	nq	
89) Benzo(a)pyrene	15.67	252	628545	38.43	nq	99
90) Dibenzo(a,h)anthracene	17.21	278	518328	38.67	nq	98
91) Benzo(g,h,i)perylene	17.62	276	503570	38.67	nq	99

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



#1

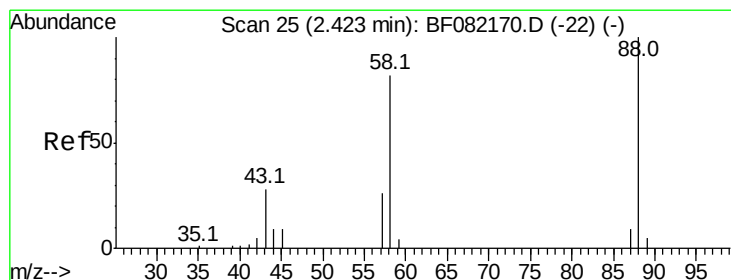
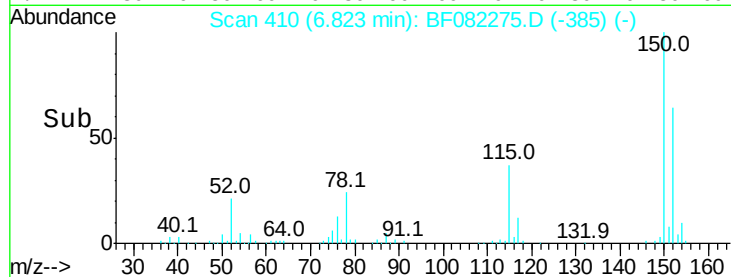
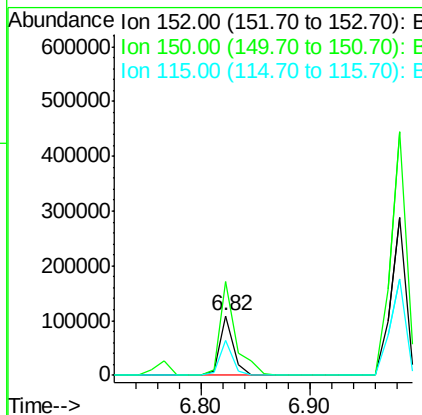
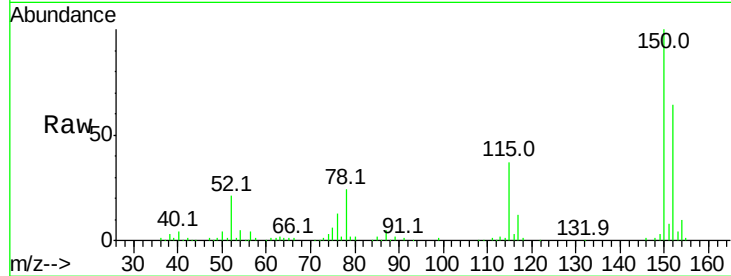
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	129.0	193.4
115	57.5	52.1	78.1

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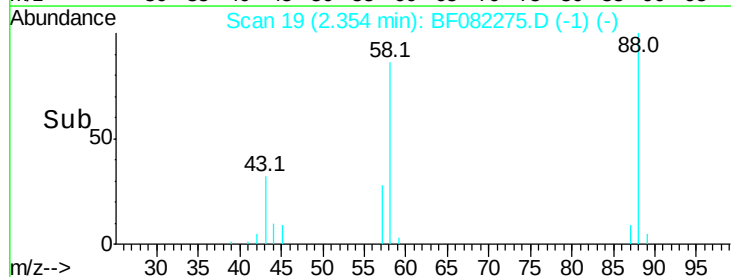
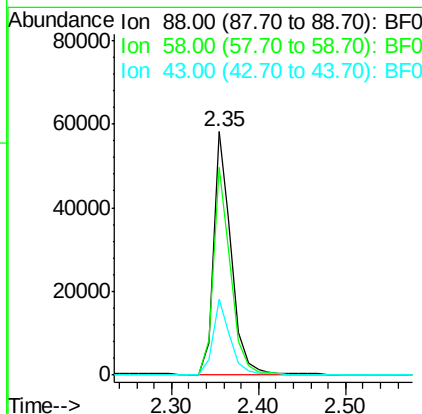
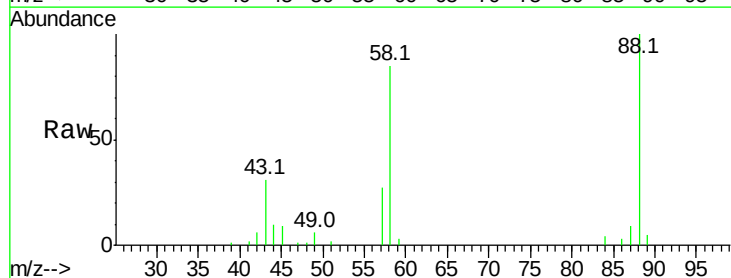
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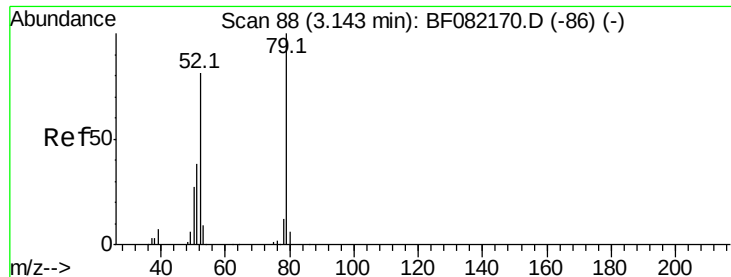


#2

1,4-Dioxane
Concen: 34.95 ng
RT: 2.35 min Scan# 19
Delta R.T. -0.07 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.0	66.2	99.4
43	30.9	23.0	34.4





#3

Pvridine

Concen: 41.06 ng

RT: 3.07 min Scan# 82

Delta R.T. -0.07 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

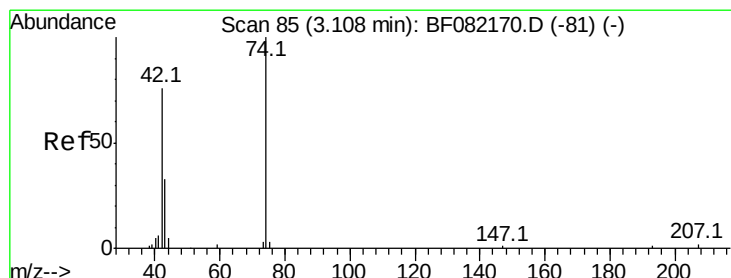
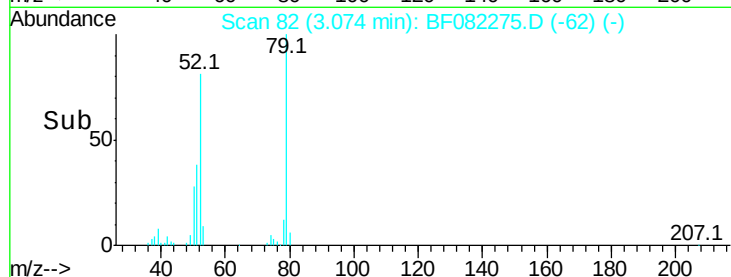
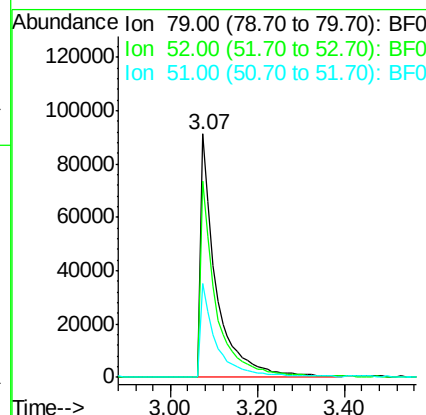
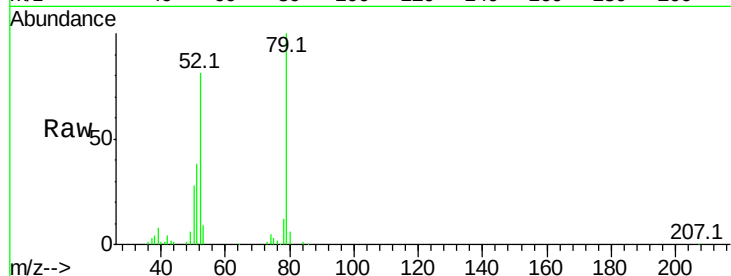
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	227540
Ion Ratio	Lower	Upper	
79	100		
52	80.5	64.4	96.6
51	38.5	30.5	45.7

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.35 ng

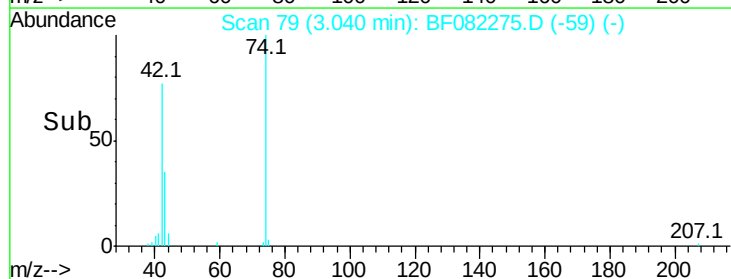
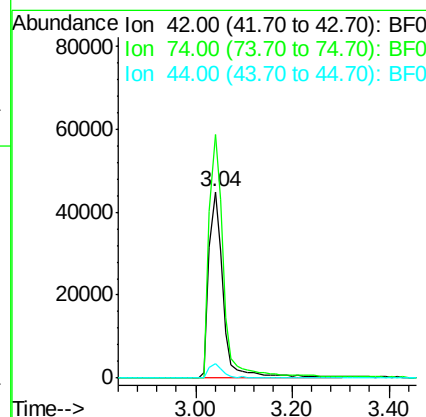
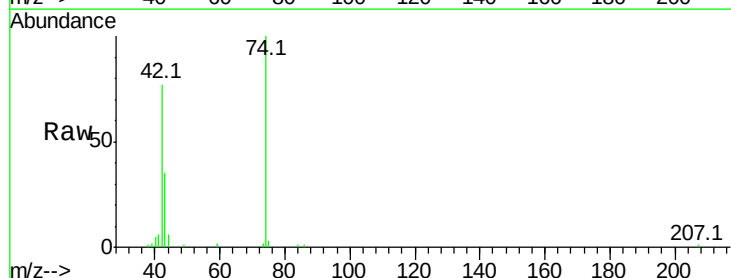
RT: 3.04 min Scan# 79

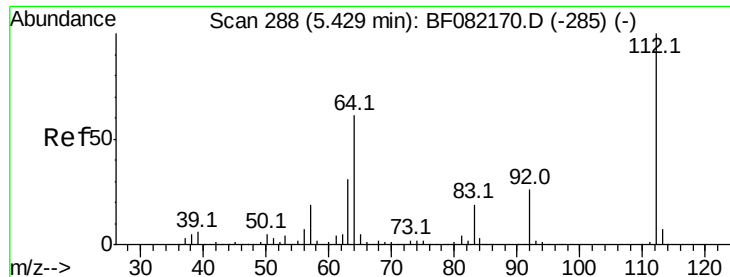
Delta R.T. -0.07 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	42	Resp:	94819
Ion Ratio	Lower	Upper	
42	100		
74	130.5	105.7	158.5
44	7.7	5.4	8.2





#5

2-Fluorophenol

Concen: 75.97 ng

RT: 5.41 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

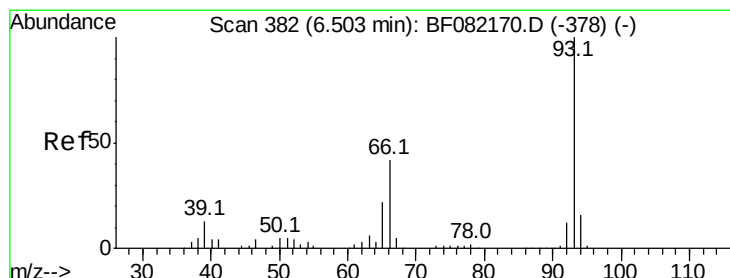
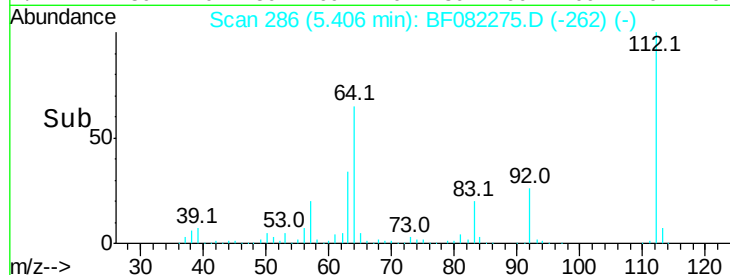
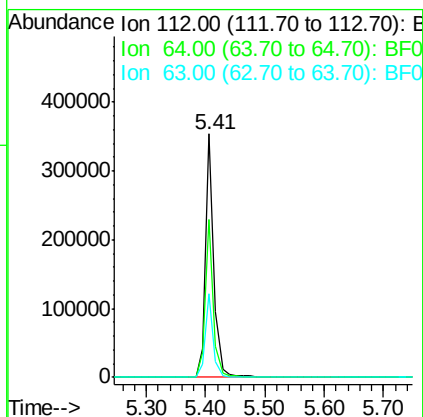
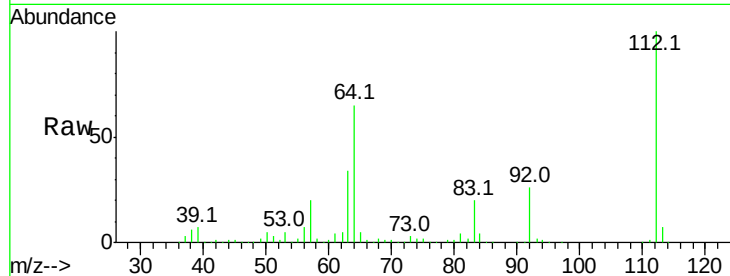
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	360219
Ion Ratio	Lower	Upper	
112	100		
64	64.9	48.6	73.0
63	34.1	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 41.30 ng

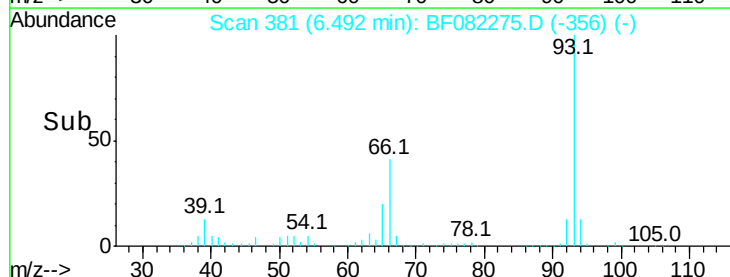
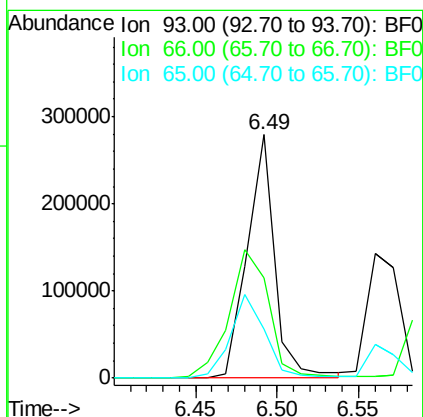
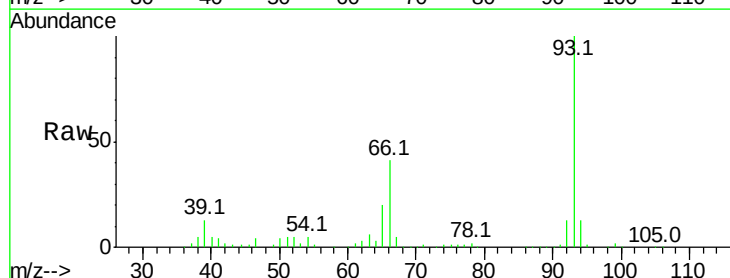
RT: 6.49 min Scan# 381

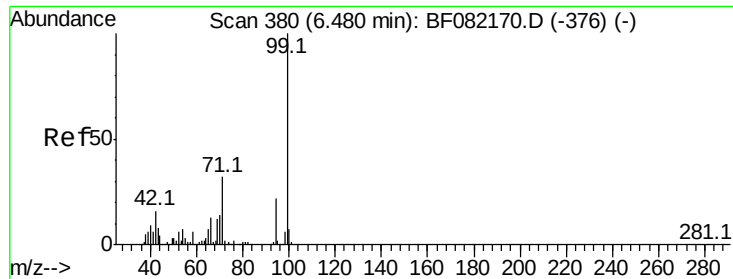
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	93	Resp:	328603
Ion Ratio	Lower	Upper	
93	100		
66	41.0	34.2	51.2
65	20.3	17.9	26.9





#7

Phenol-d6

Concen: 79.47 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

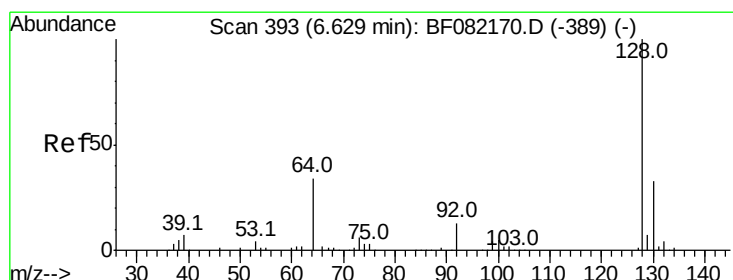
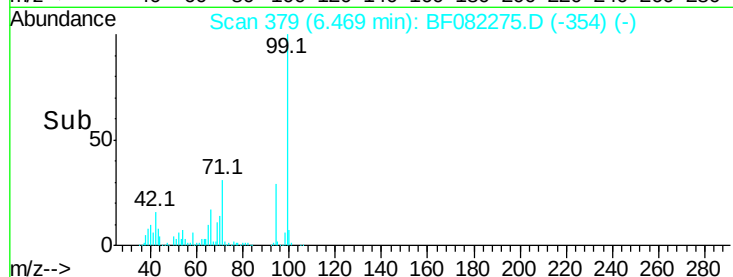
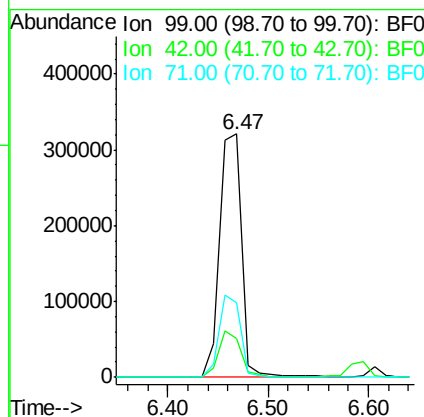
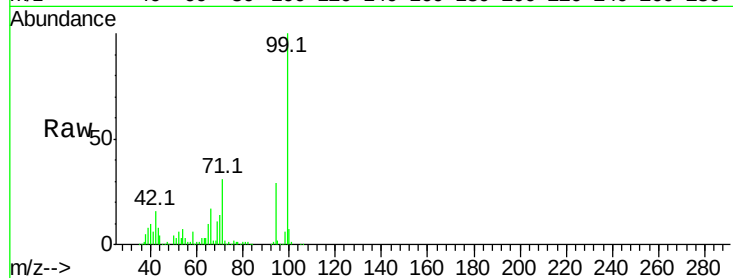
ClientSampleId :

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Tot Ion:	99	Resp:	490402
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.2	19.8
71	30.6	25.6	38.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.64 ng

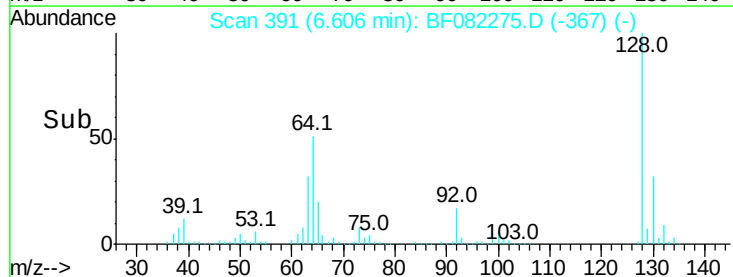
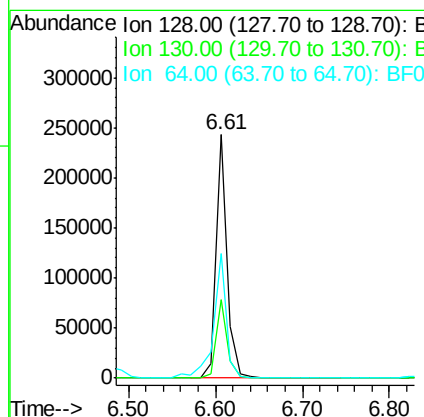
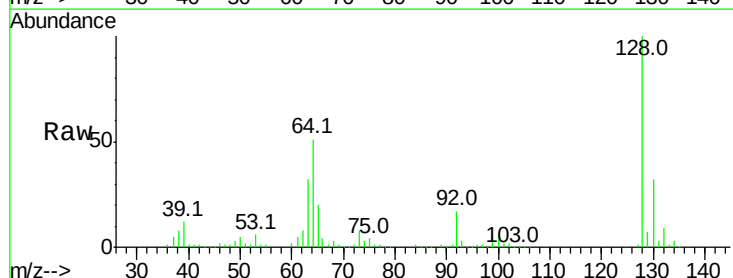
RT: 6.61 min Scan# 391

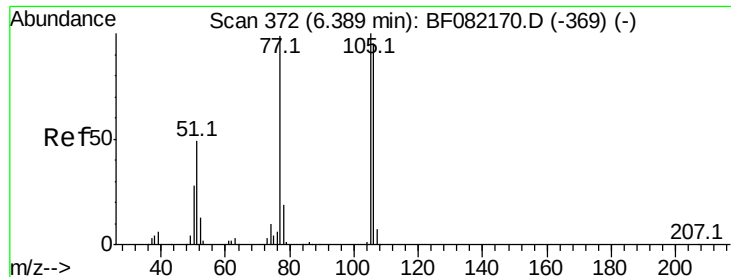
Delta R.T. -0.02 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	128	Resp:	217899
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.6	52.6
64	51.4	16.7	56.7





#9

Benzaldehyde

Concen: 41.88 ng

RT: 6.38 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

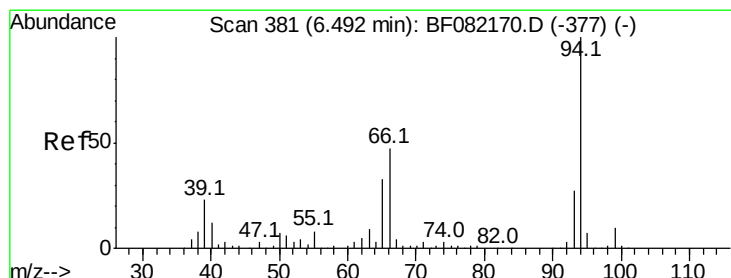
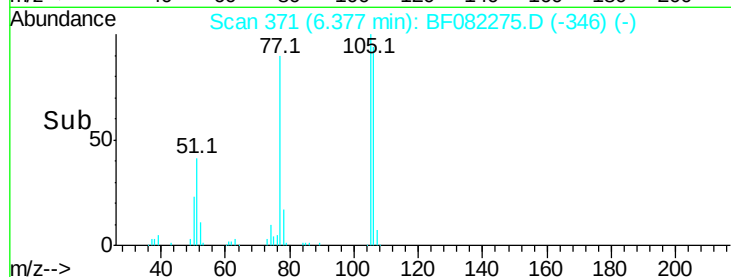
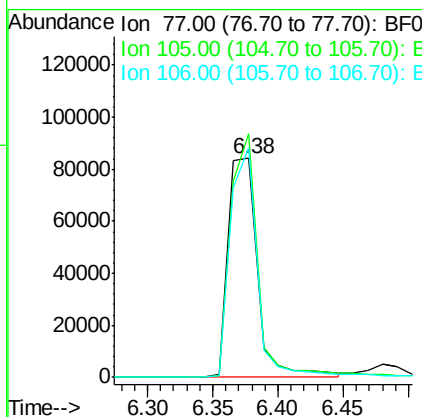
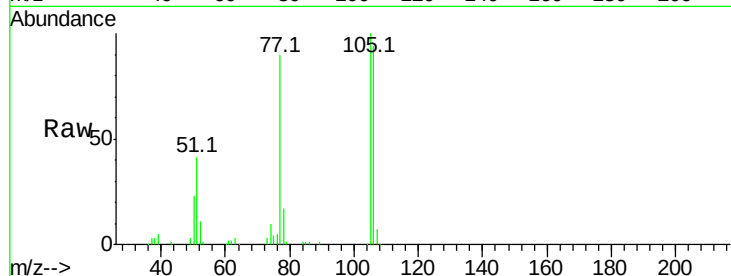
ClientSampleId :

SSTDCCC040

Manual Integrations
APPROVED

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Tot Ion	Ratio	Lower	Upper
77	100		
105	111.1	80.6	120.6
106	104.5	75.5	115.5



#10

Phenol

Concen: 40.83 ng

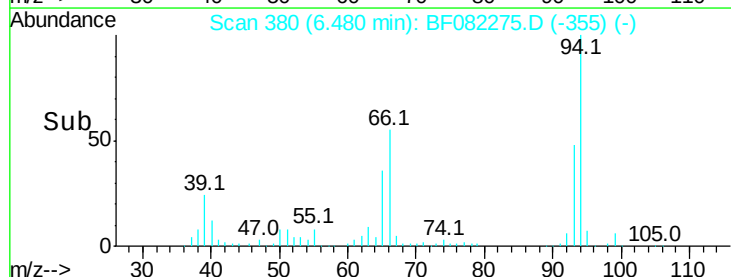
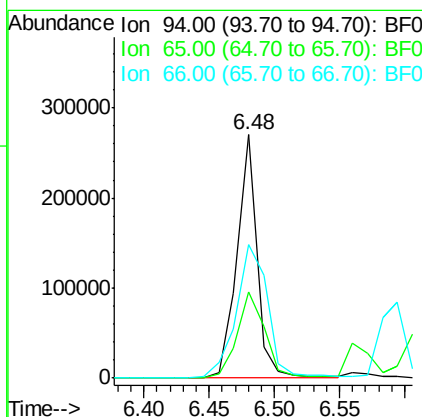
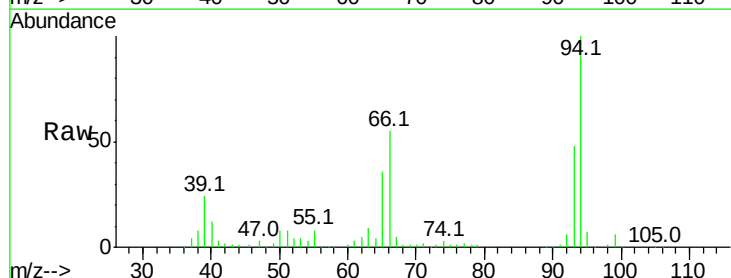
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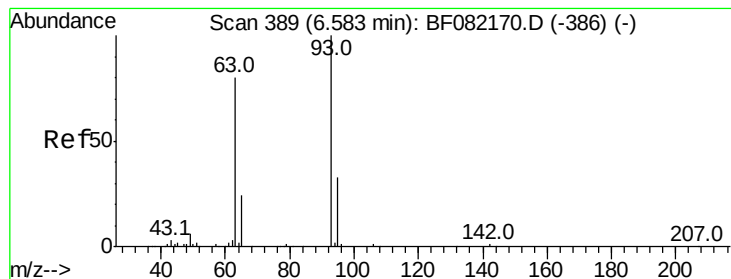
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.6	12.6	52.6
66	54.6	27.3	67.3





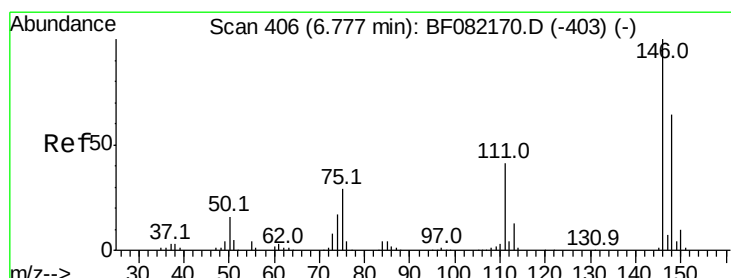
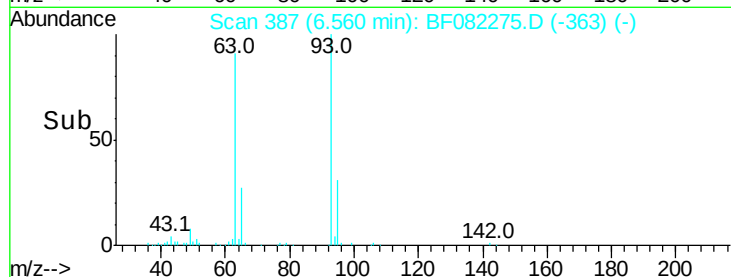
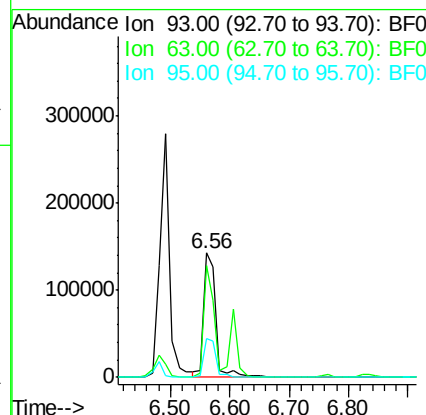
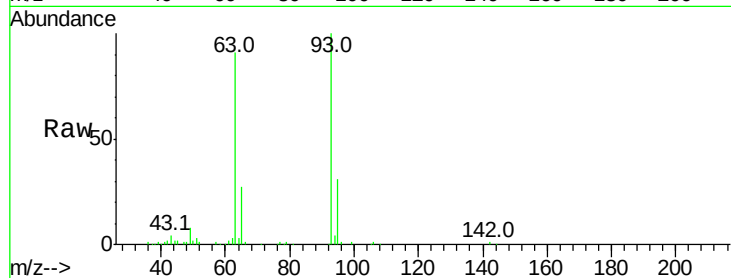
#11
bis(2-Chloroethyl)ether
Concen: 35.25 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.6	57.1	97.1
95	31.3	11.9	51.9

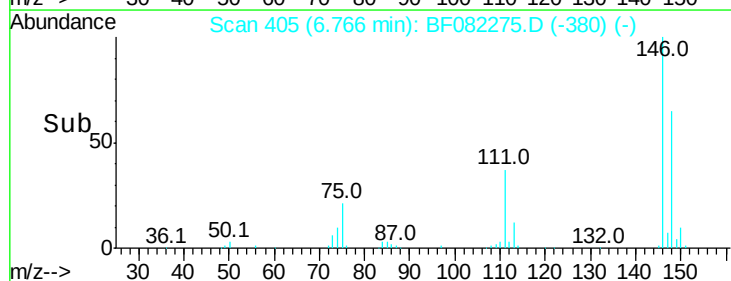
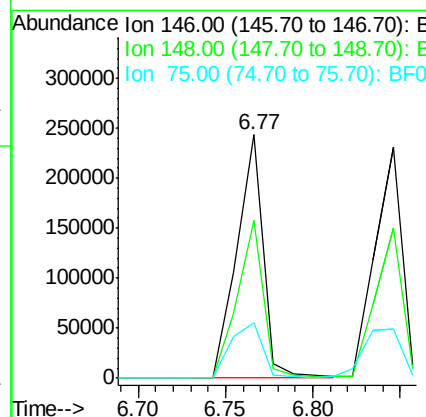
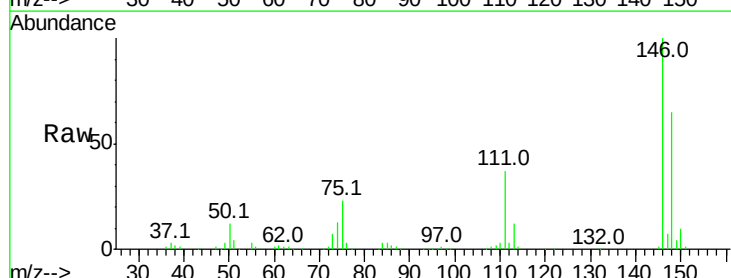
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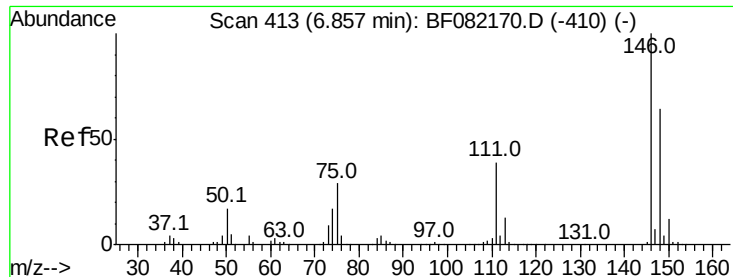
MMdadoda
10/15/2015 4:55:34 PM



#12
1,3-Dichlorobenzene
Concen: 37.97 ng m
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	22.6	23.0	34.6#





#13

1,4-Dichlorobenzene

Concen: 36.97 ng

RT: 6.85 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

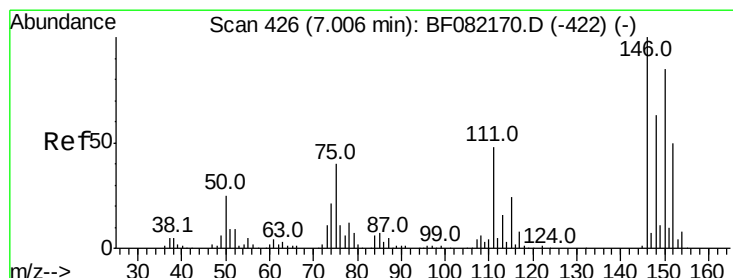
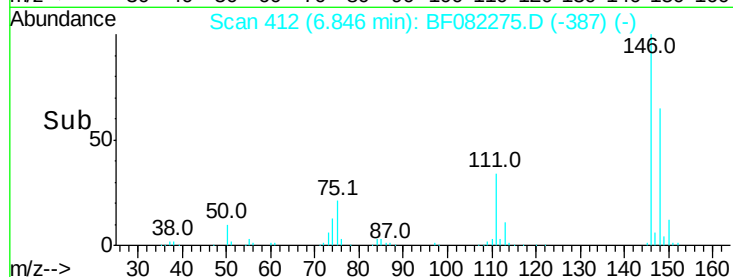
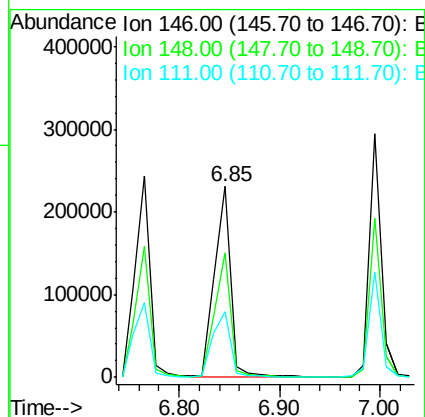
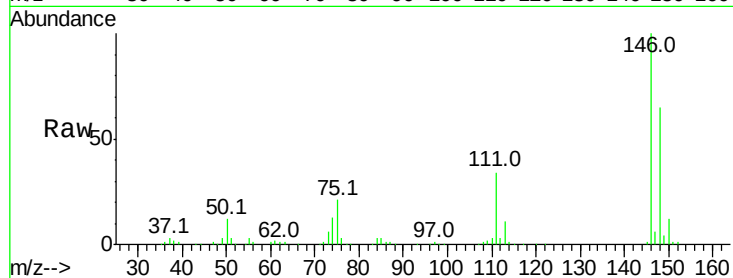
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	260269
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.0	76.4
111	34.4	31.1	46.7

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#14

1,2-Dichlorobenzene

Concen: 37.02 ng

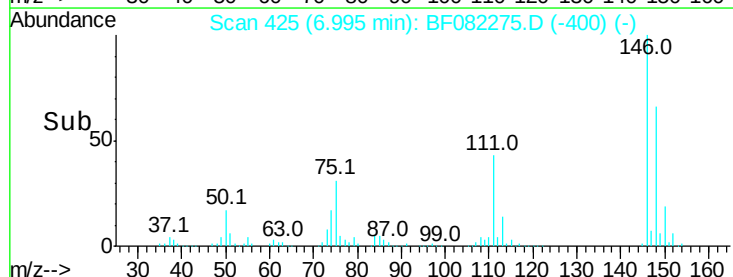
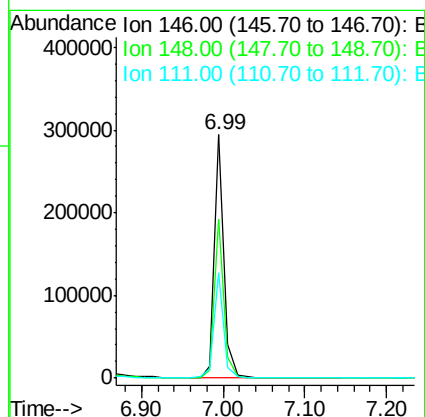
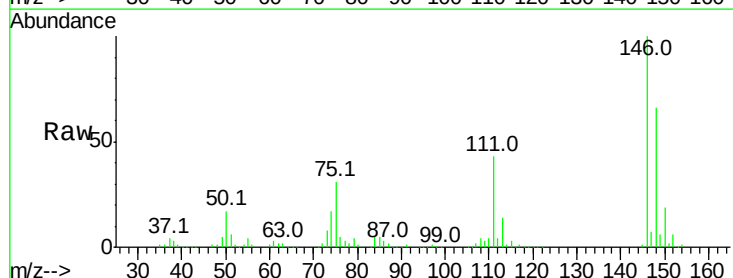
RT: 6.99 min Scan# 425

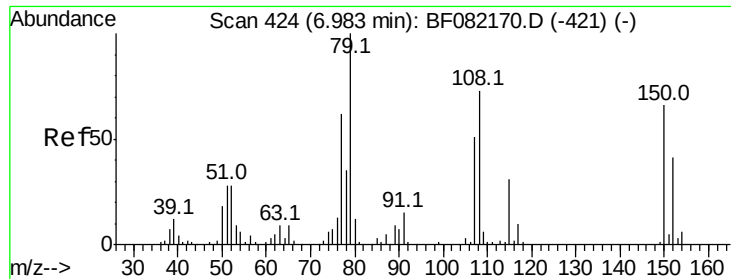
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	146	Resp:	247506
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.5	75.7
111	43.5	38.5	57.7





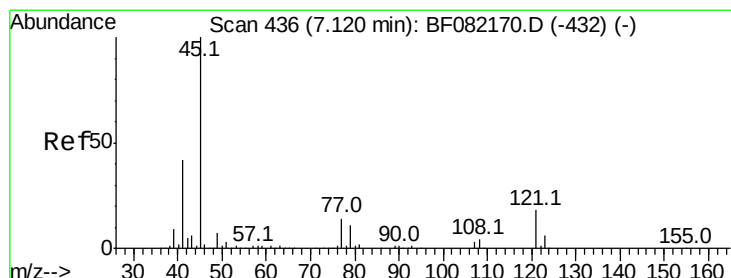
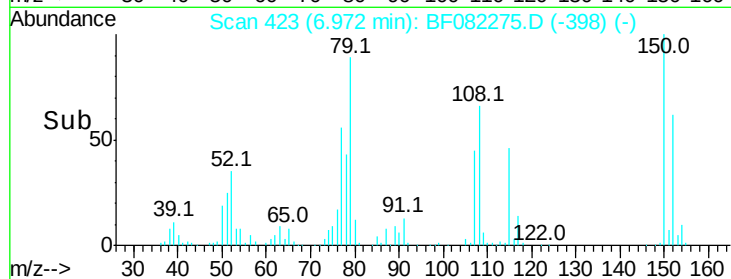
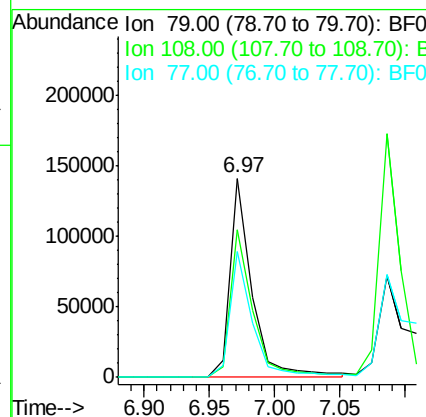
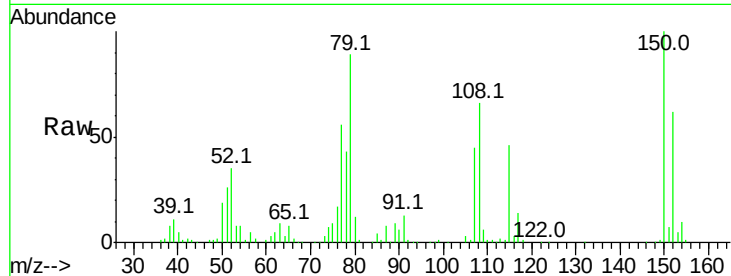
#15
Benzyl Alcohol
Concen: 39.01 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.2	58.4	87.6
77	63.2	49.8	74.6

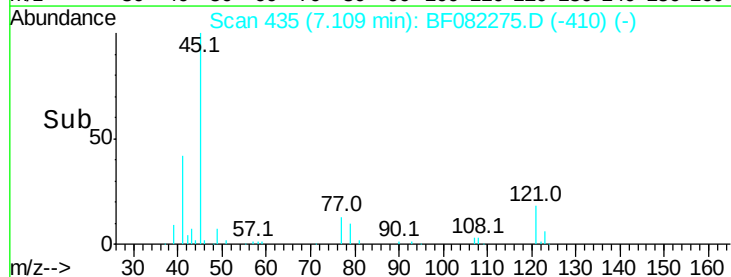
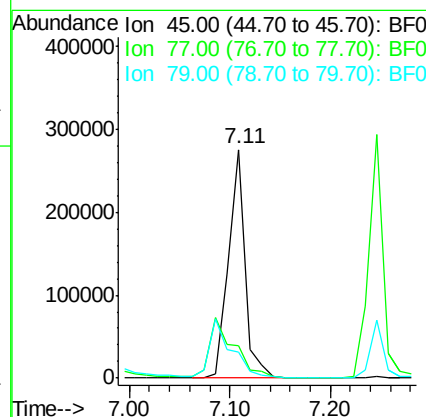
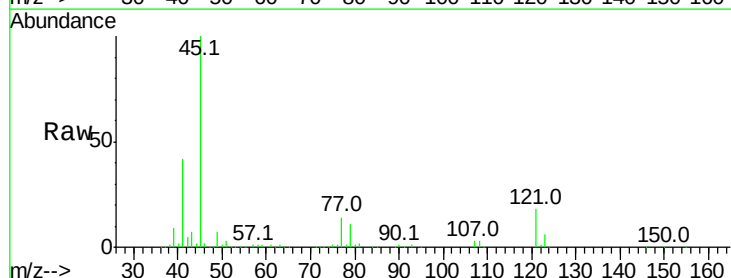
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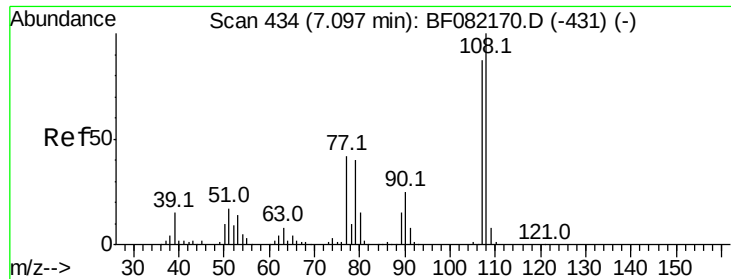
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.78 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.5
79	11.3	0.0	31.6





#17

2-Methylphenol

Concen: 37.88 ng

RT: 7.09 min Scan# 433

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 173383

Ion Ratio Lower Upper

107 100

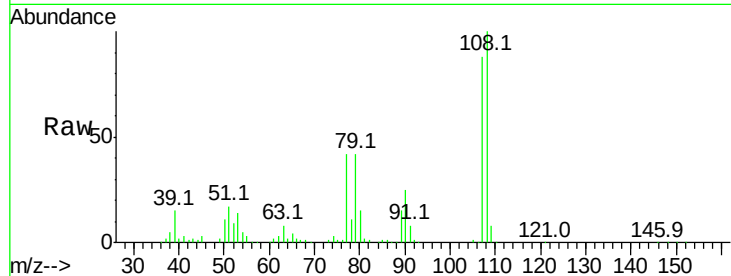
108 113.4 92.2 138.2

77 48.2 39.6 59.4

79 47.4 38.2 57.4

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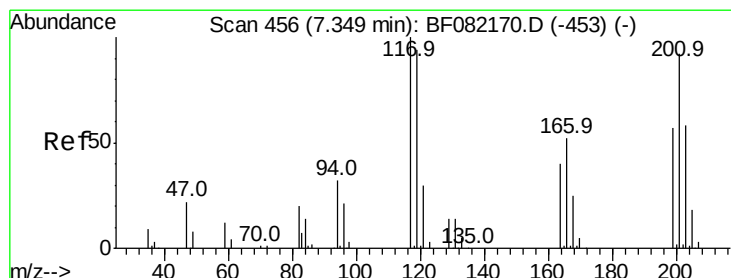
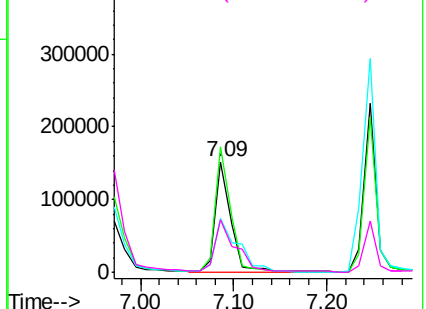
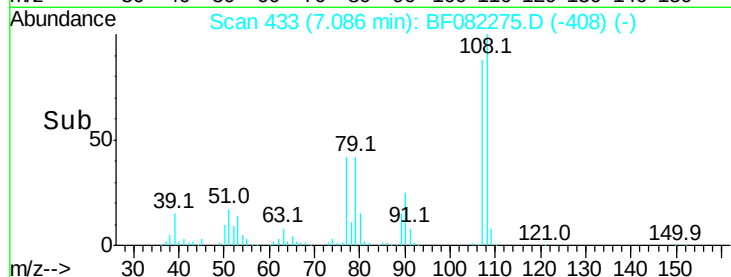


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.02 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

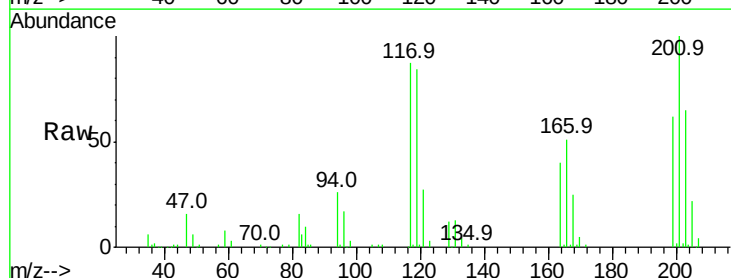
Tgt Ion:117 Resp: 89201

Ion Ratio Lower Upper

117 100

119 96.6 75.4 113.2

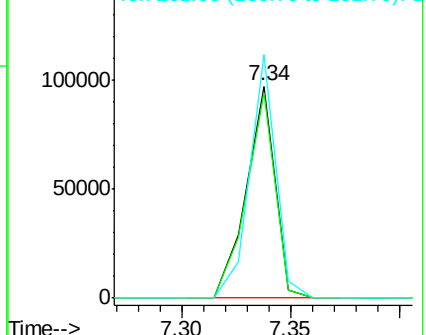
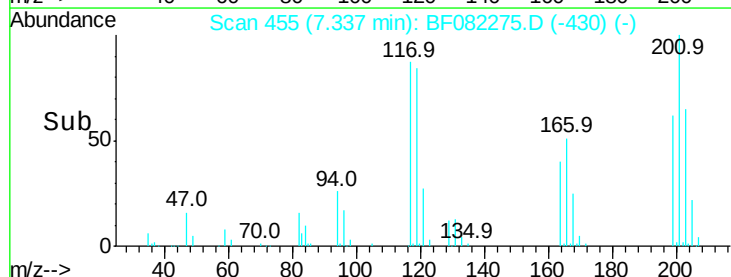
201 114.9 73.4 110.0#

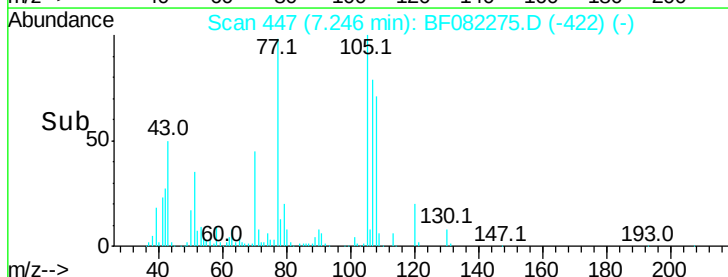
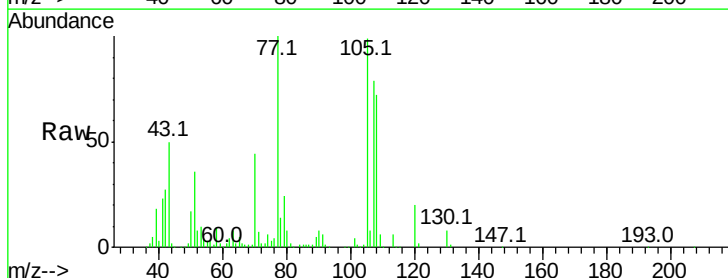
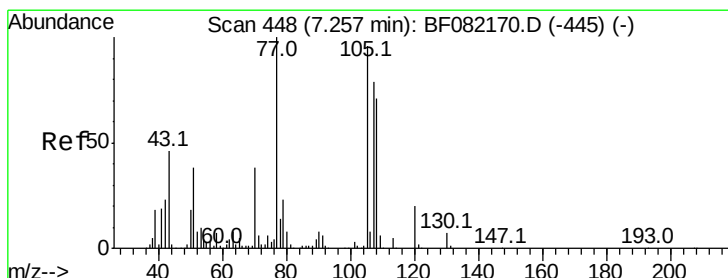
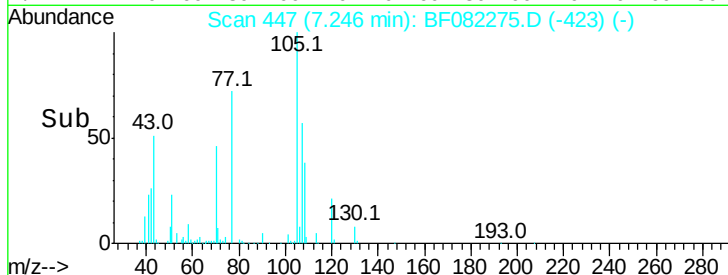
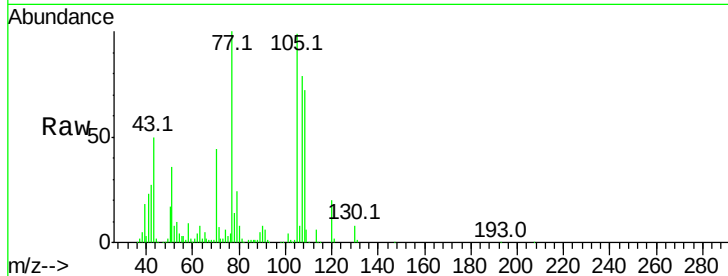
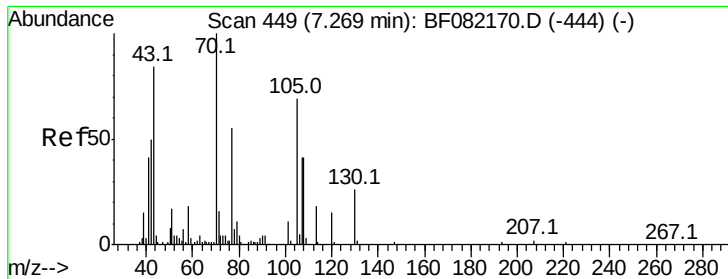


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





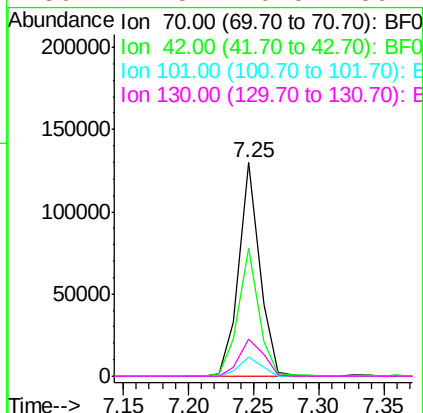
#19
n-Nitroso-di-n-propylamine
Concen: 33.48 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.0	39.8	59.8#
101	9.3	8.6	13.0
130	17.3	20.5	30.7#

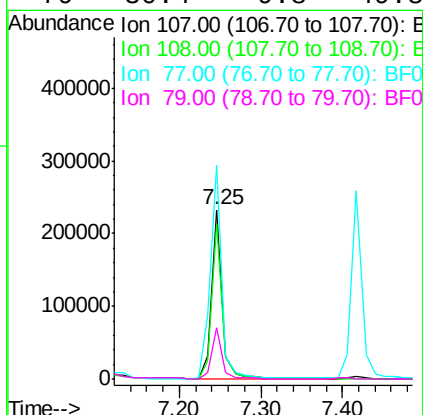
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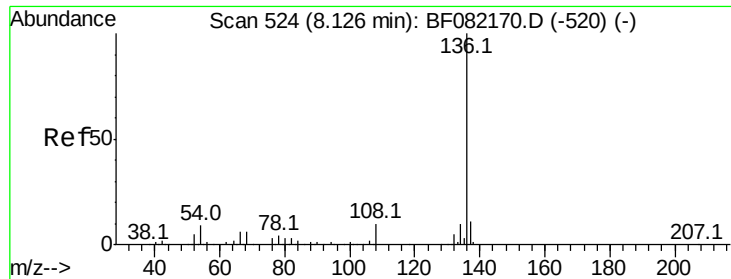
MMdadoda
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#20
3+4-Methylphenols
Concen: 39.15 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.9	109.9
77	126.1	106.0	146.0
79	30.4	9.8	49.8





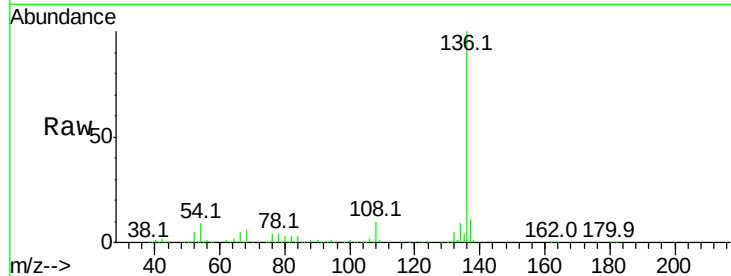
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	378557		
137	11.2		9.0	13.6
54	8.8		7.5	11.3
68	5.7		4.6	7.0

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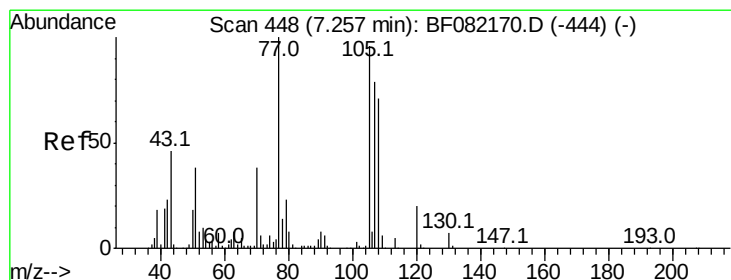
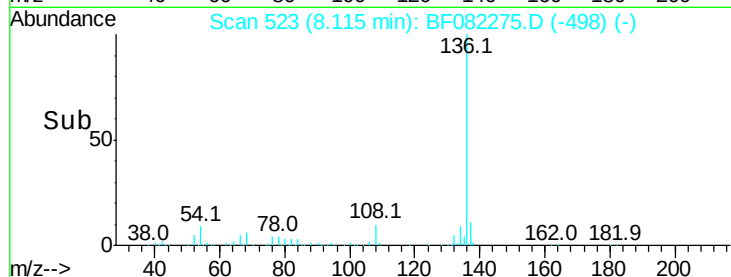
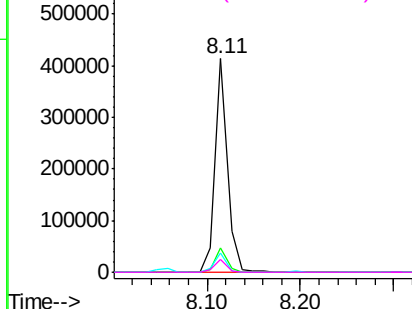
Abundance

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: 40.40 ng
RT: 7.25 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	302519		
71	7.5		5.4	8.0
51	36.5		31.8	47.6
120	20.3		16.3	24.5

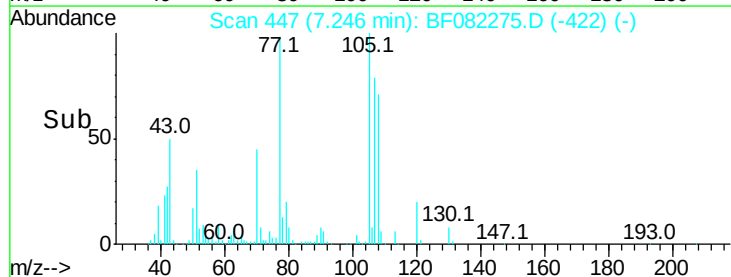
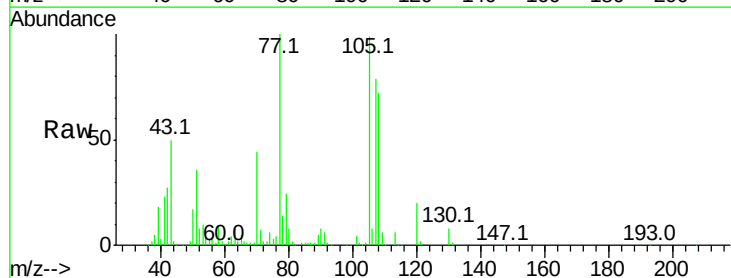
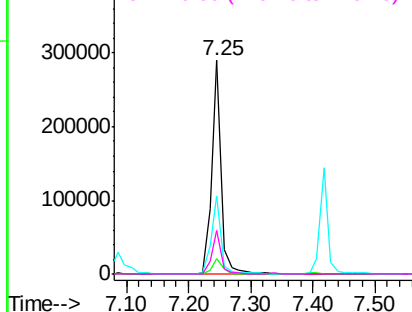
Abundance

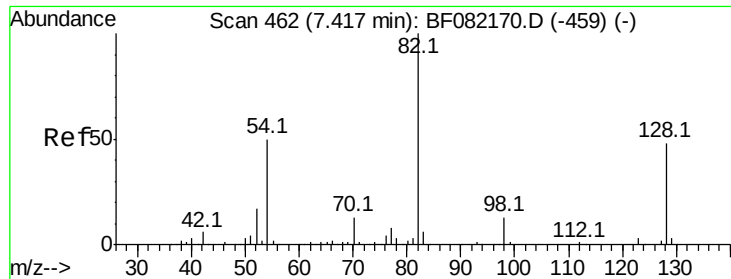
Ion 105.00 (104.70 to 105.70): E

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





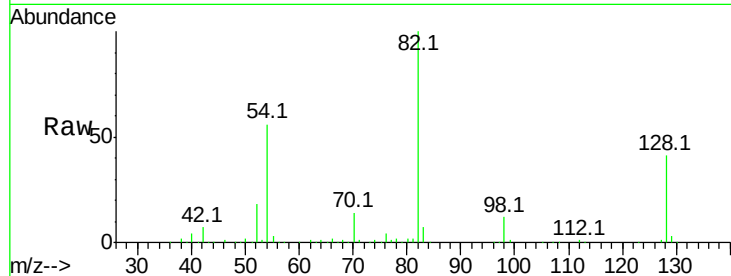
#23
 Nitrobenzene-d5
 Concen: 77.78 ng
 RT: 7.39 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

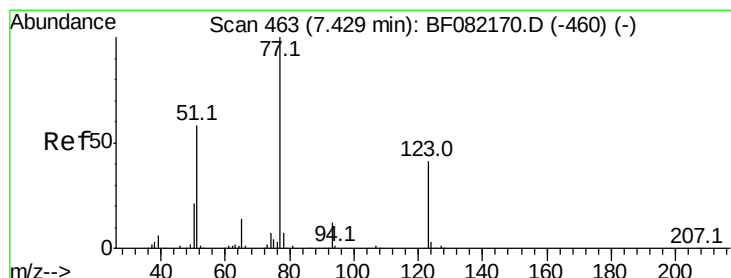
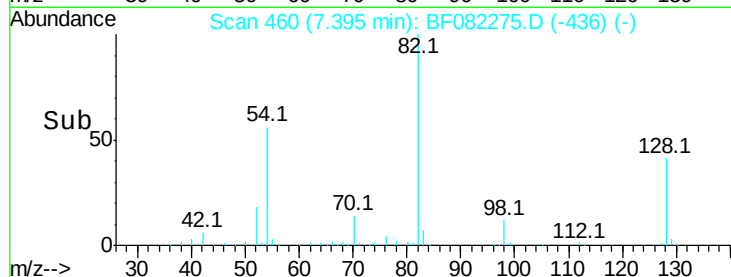
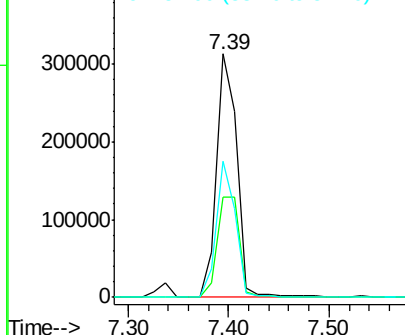
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.0	38.7	58.1	
54	55.9	40.1	60.1	

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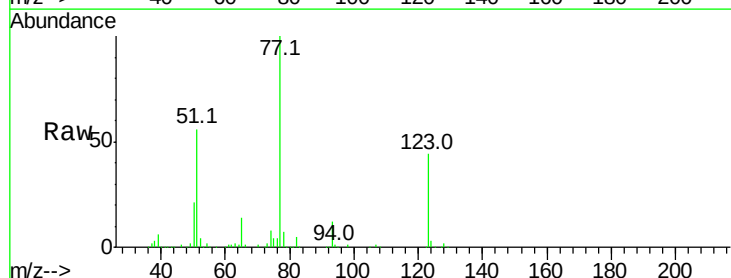


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

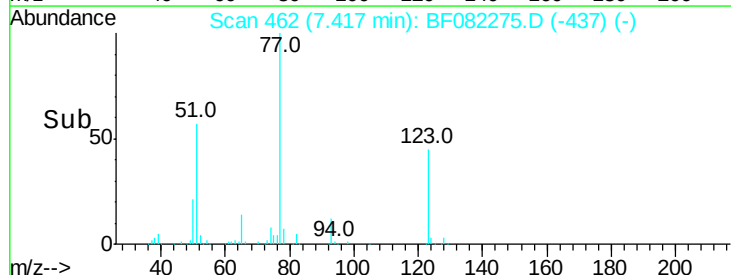
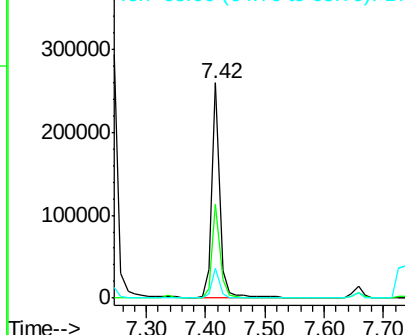


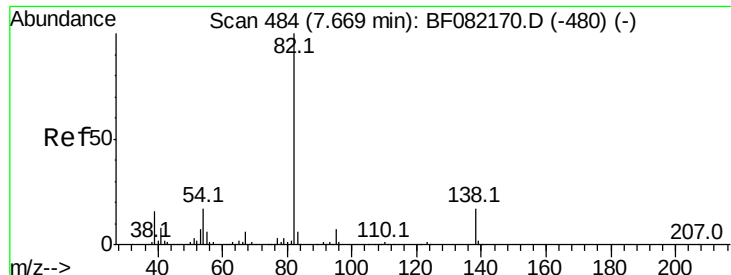
#24
 Nitrobenzene
 Concen: 38.93 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.8	33.0	49.4	
65	13.7	11.2	16.8	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.37 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

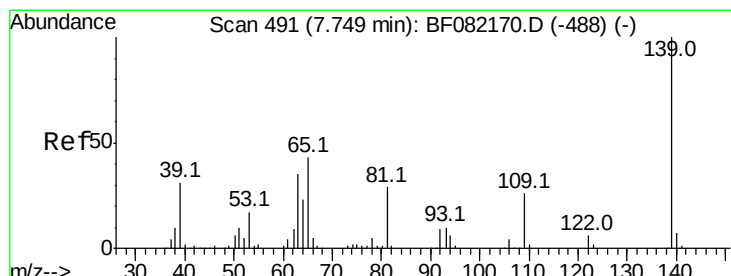
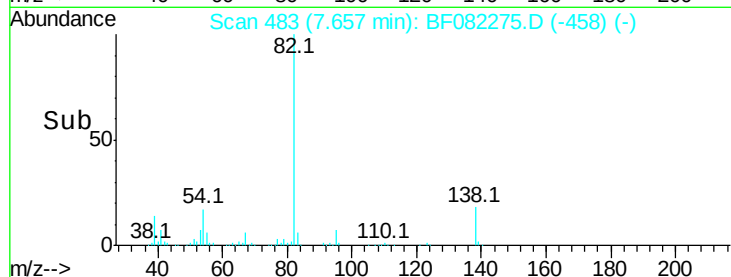
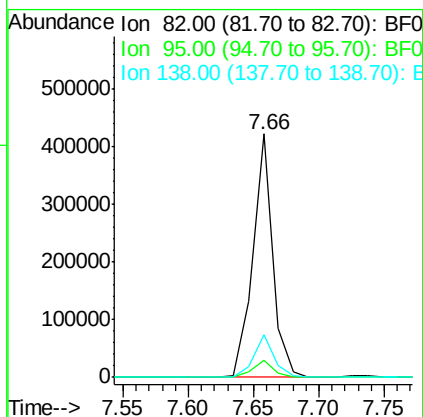
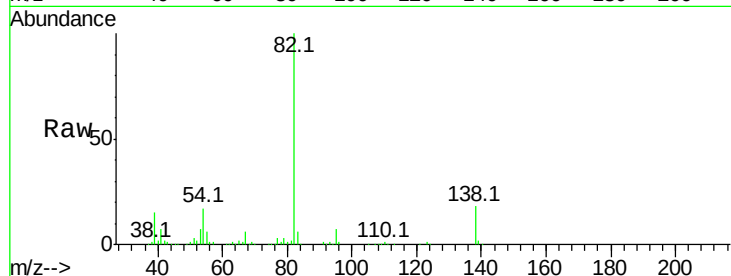
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	447962
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	17.6	13.6	20.4

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#26

2-Nitrophenol

Concen: 41.22 ng

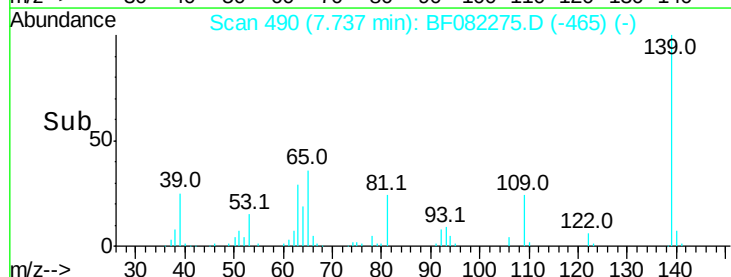
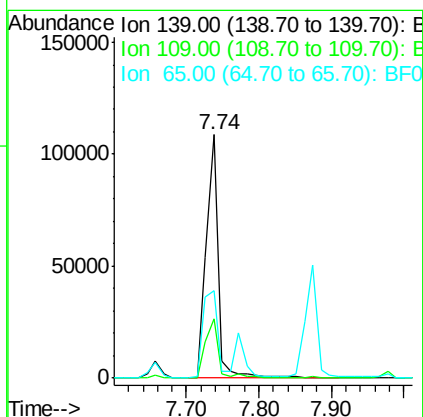
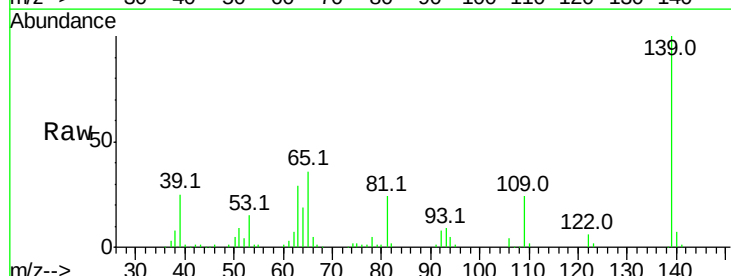
RT: 7.74 min Scan# 490

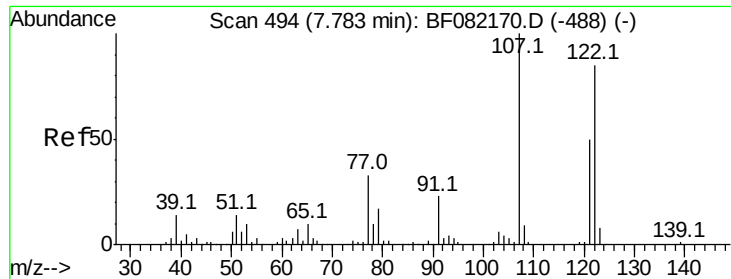
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	139	Resp:	125582
Ion Ratio	Lower	Upper	
139	100		
109	24.4	20.6	31.0
65	36.1	34.3	51.5





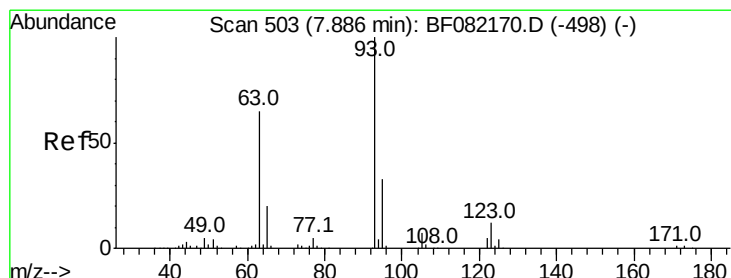
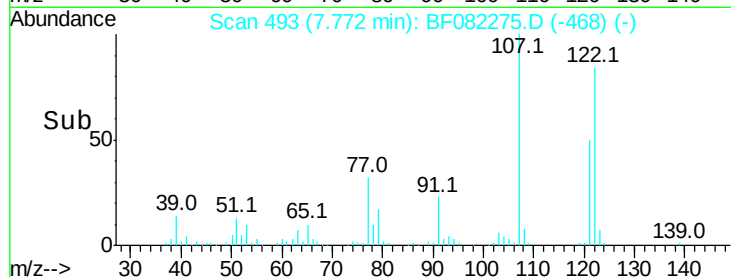
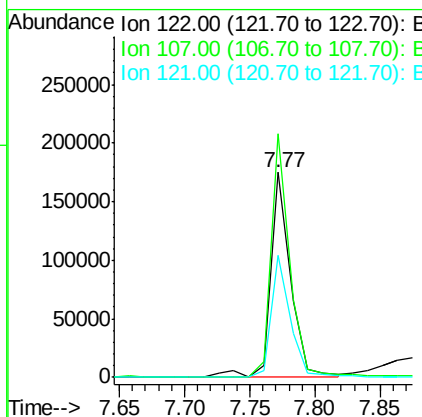
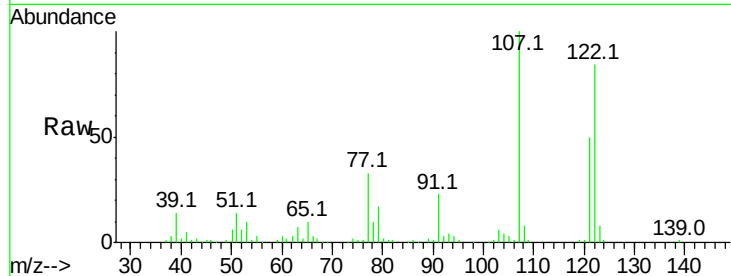
#27
2,4-Dimethylphenol
Concen: 38.30 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	188024		
107	118.8	94.0	141.0	
121	59.4	46.8	70.2	

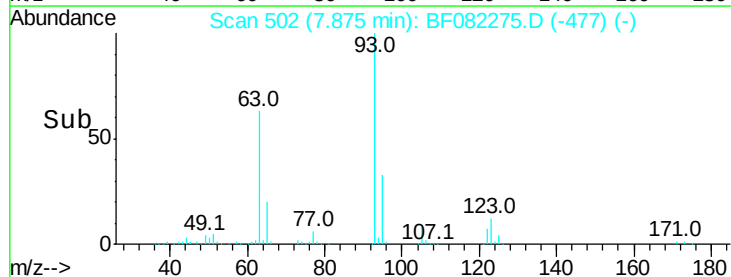
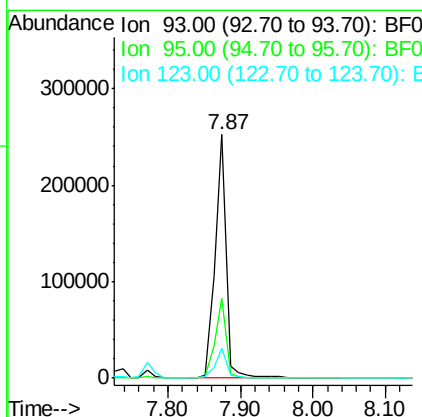
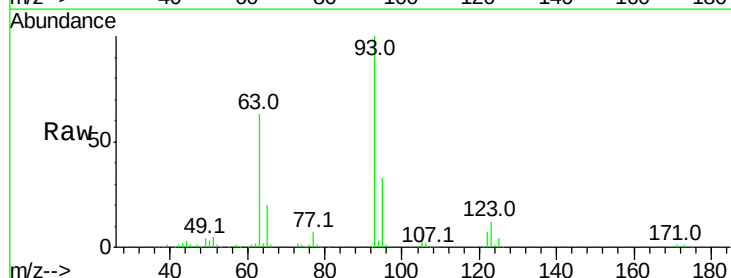
Manual Integrations
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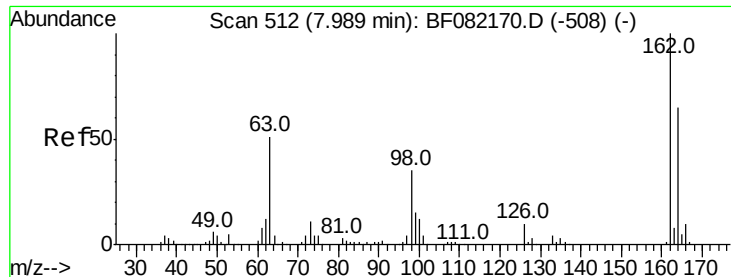
MMdadoda
10/15/2015 4:55:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.81 ng
RT: 7.87 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	270145		
95	32.8	26.6	39.8	
123	12.1	9.5	14.3	





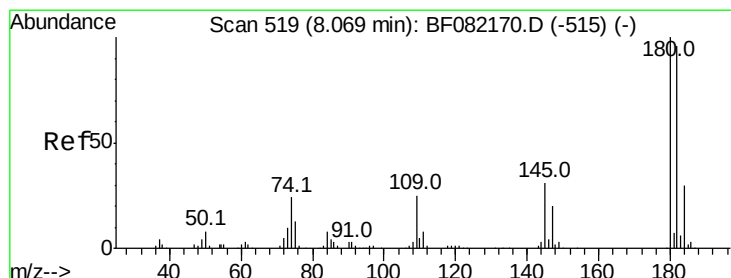
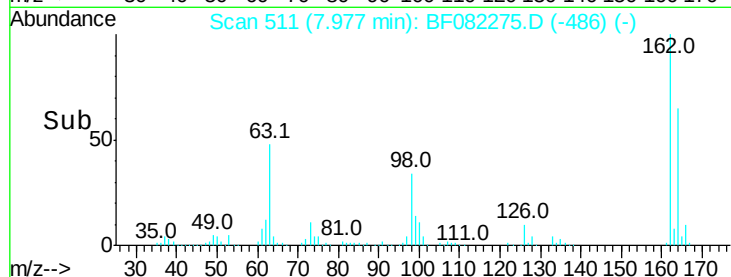
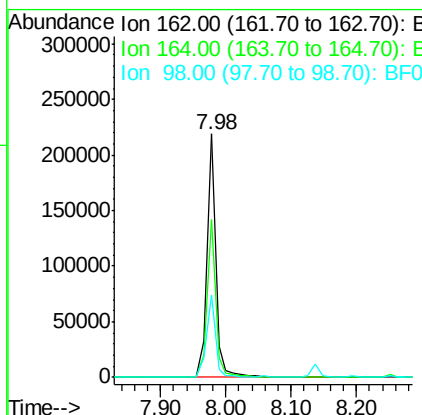
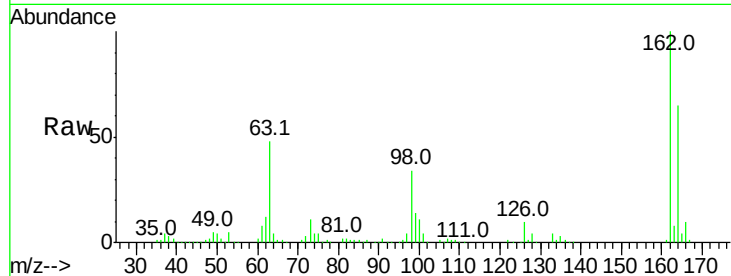
#29
2,4-Dichlorophenol
Concen: 41.76 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	162	Resp:	204924
Ion Ratio	Lower	Upper	
162	100		
164	64.7	44.6	84.6
98	33.6	15.0	55.0

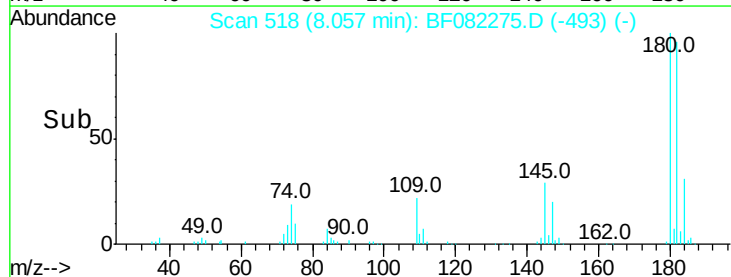
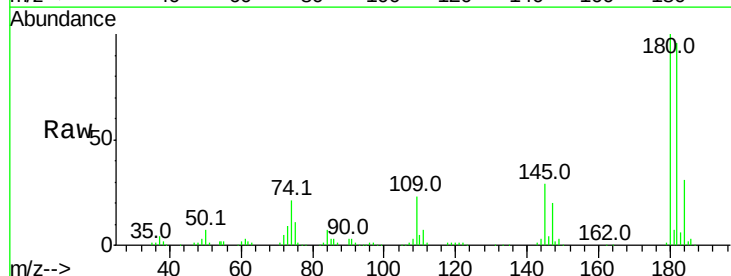
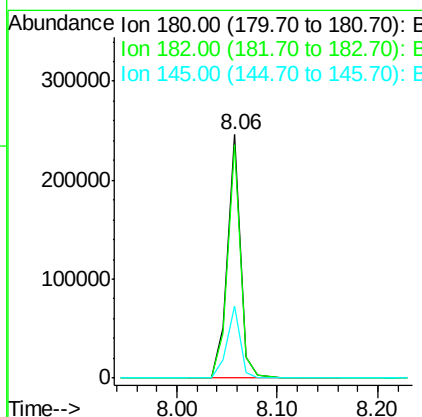
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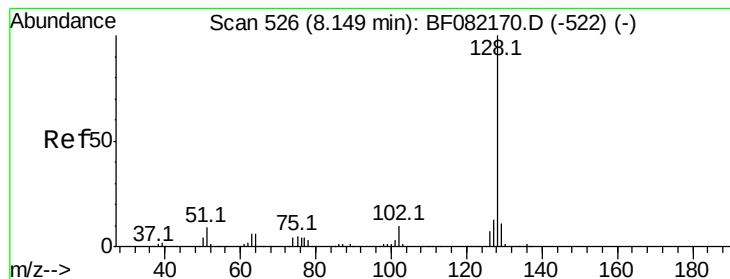
MMdadoda
10/15/2015 4:55:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.35 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion:	180	Resp:	222567
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.0	115.4
145	29.4	25.0	37.4





#31

Naphthalene

Concen: 38.83 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

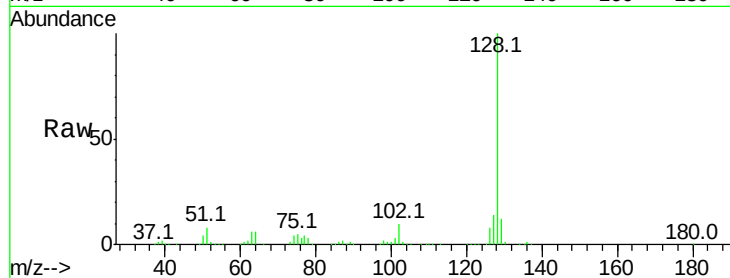
ClientSampleId :

SSTDCCC040

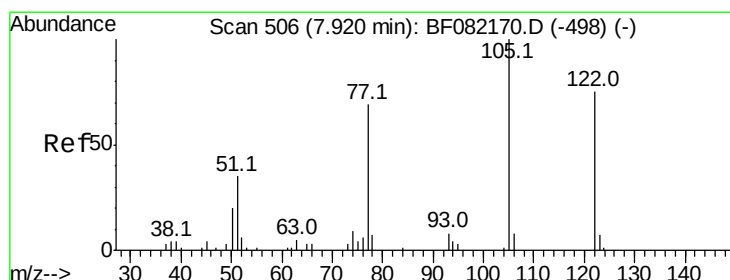
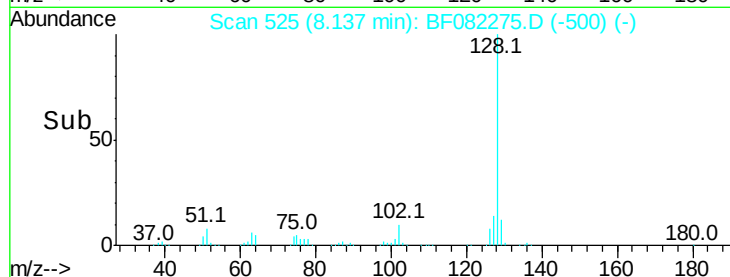
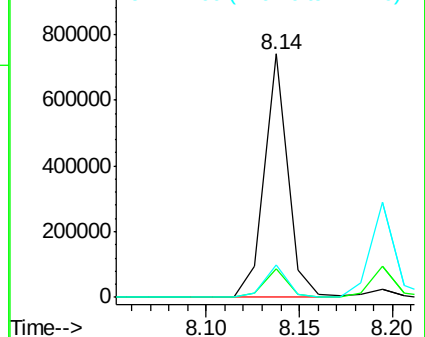
Tot Ion:	128	Resp:	637183
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.1	13.7
127	13.5	10.7	16.1

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



#32

Benzoic acid

Concen: 21.89 ng

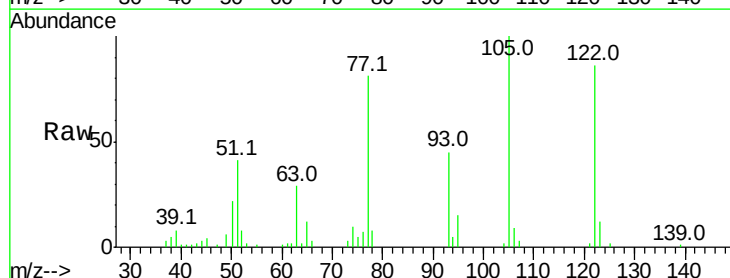
RT: 7.89 min Scan# 503

Delta R.T. -0.03 min

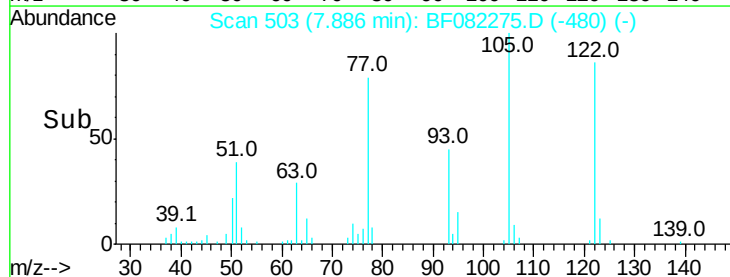
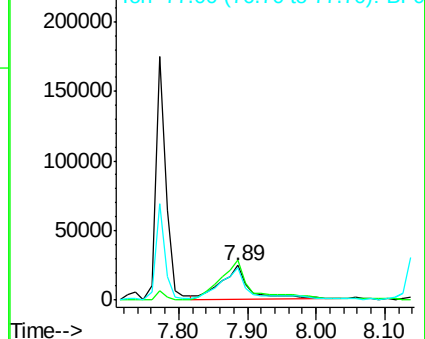
Lab File: BF082275.D

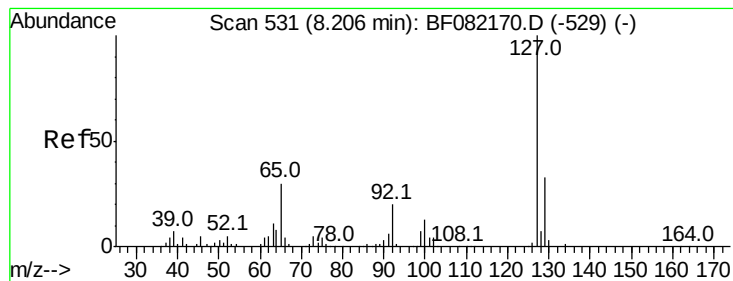
Acq: 14 Oct 2015 12:16

Tgt Ion:	122	Resp:	72117
Ion Ratio	Lower	Upper	
122	100		
105	116.0	104.4	144.4
77	94.2	69.0	109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





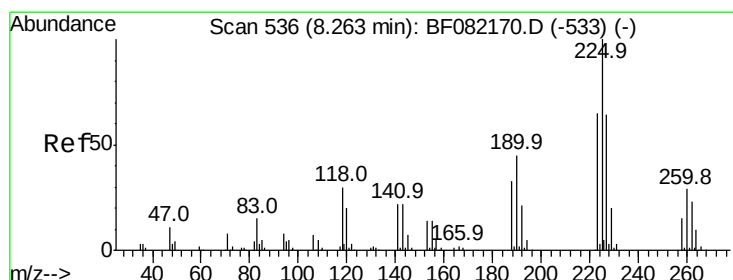
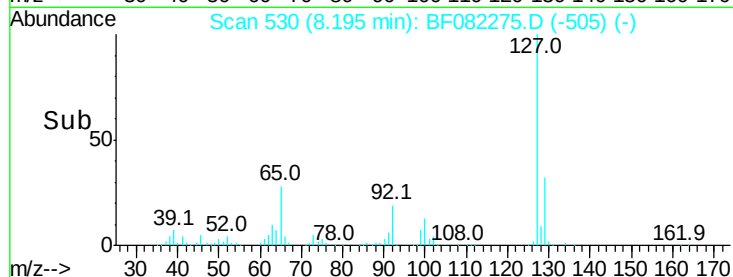
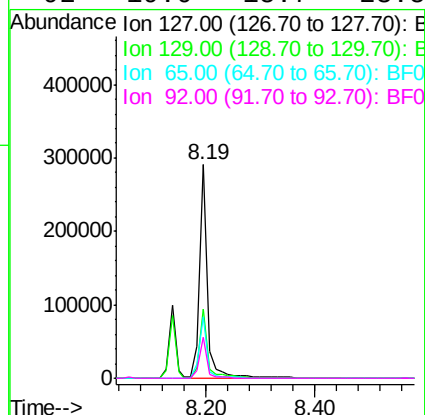
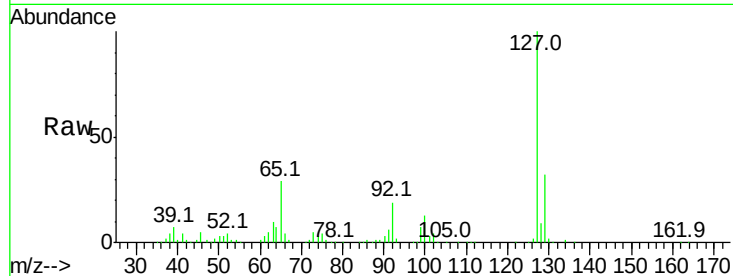
#33
4-Chloroaniline
Concen: 41.84 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.3	39.5		
65	28.8	24.4	36.6		
92	19.0	15.7	23.5		

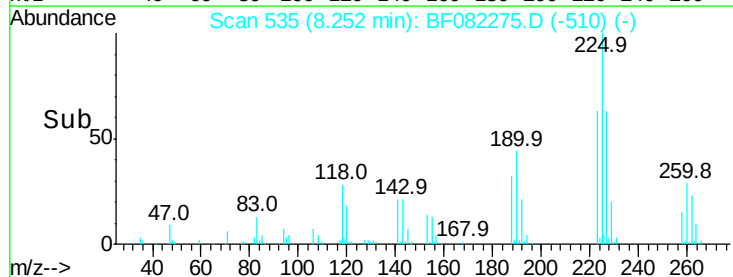
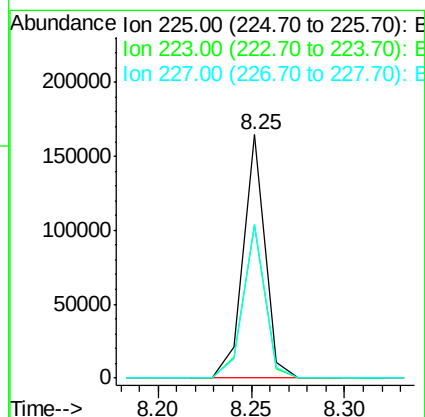
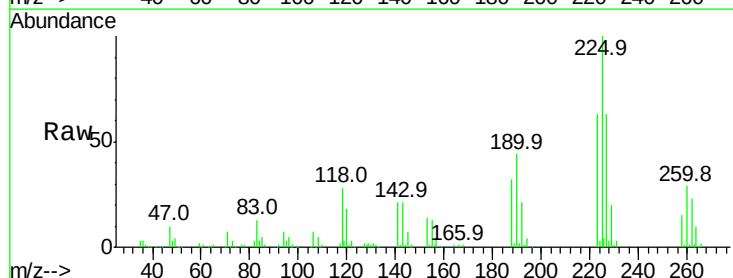
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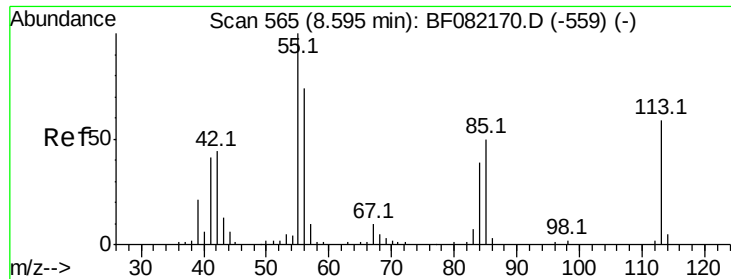
MMdadoda
10/15/2015 4:55:34 PM



#34
Hexachlorobutadiene
Concen: 38.32 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	52.2	78.2		
227	63.2	51.3	76.9		





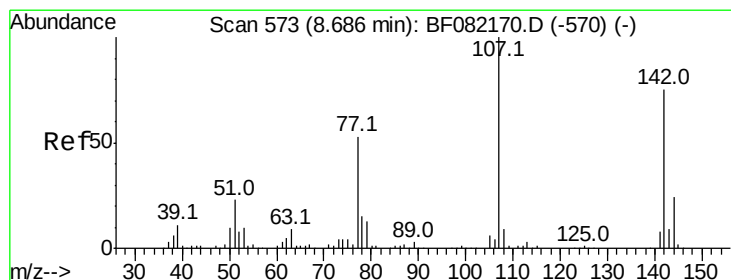
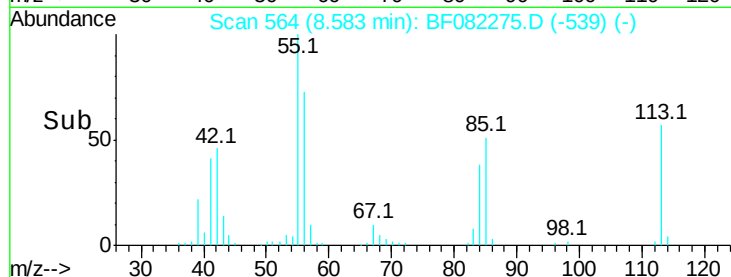
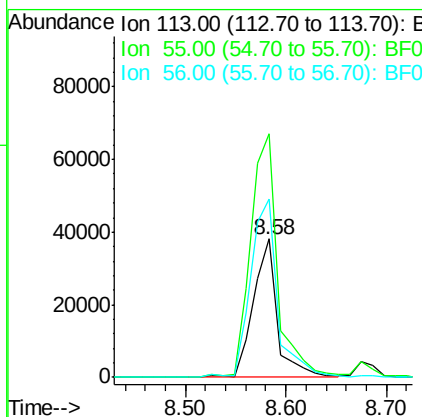
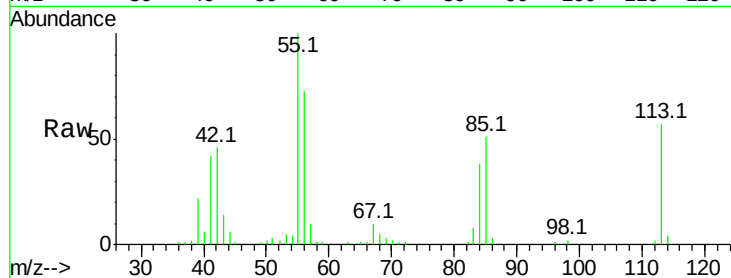
#35
 Caprolactam
 Concen: 44.10 ng
 RT: 8.58 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.3	149.7	189.7
56	129.5	105.4	145.4

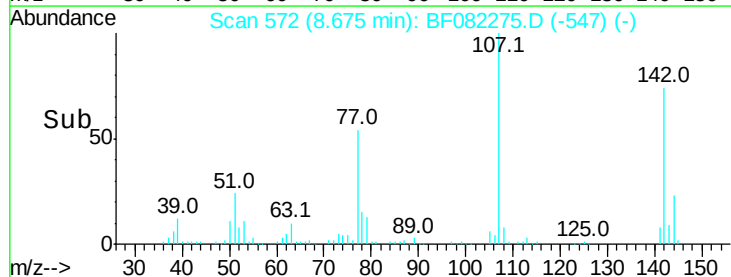
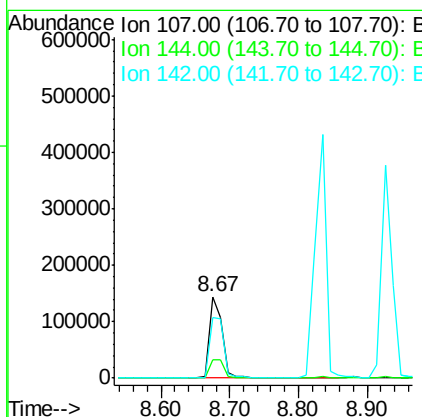
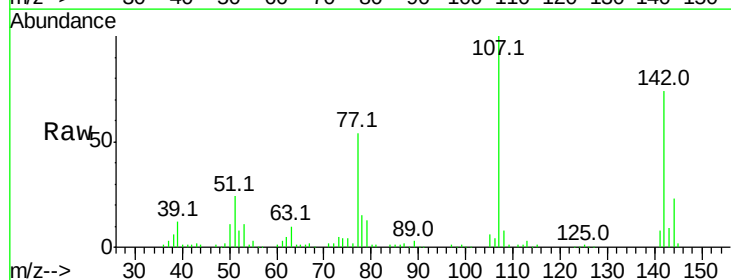
Manual Integrations
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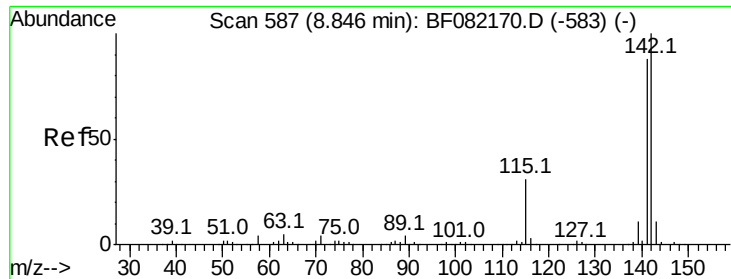
MMdadoda
 10/15/2015 4:55:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.23 ng
 RT: 8.67 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	73.7	59.9	89.9





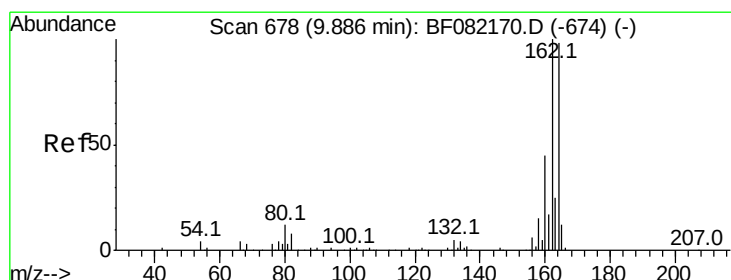
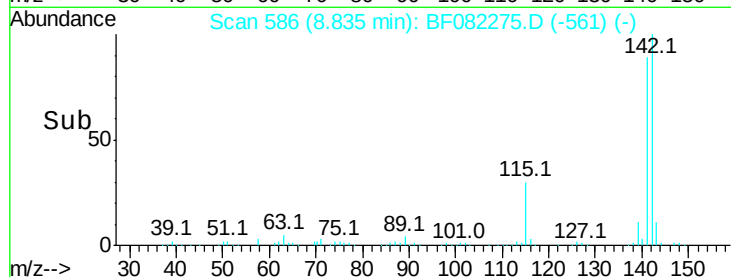
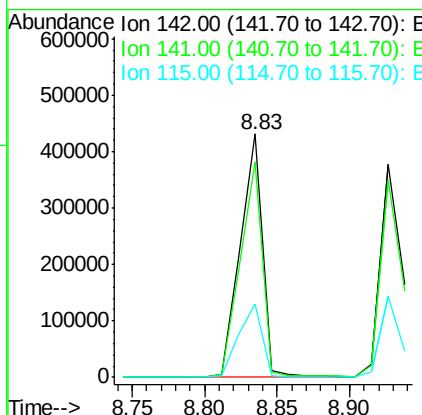
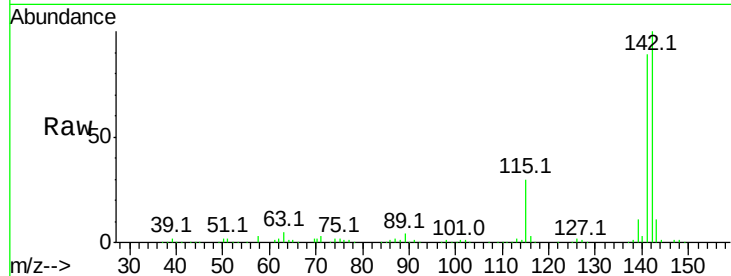
#37
2-Methylnaphthalene
Concen: 40.19 ng
RT: 8.83 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.4	105.6
115	30.4	24.6	37.0

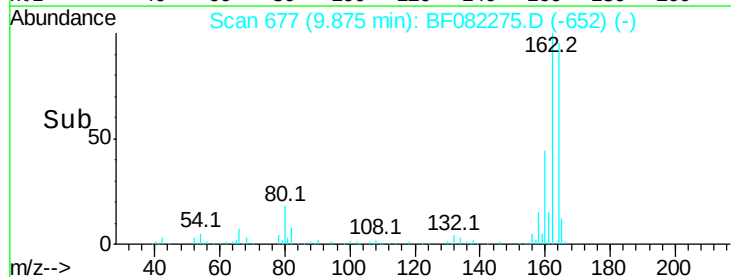
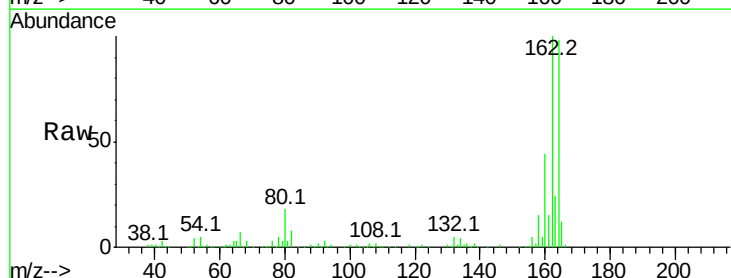
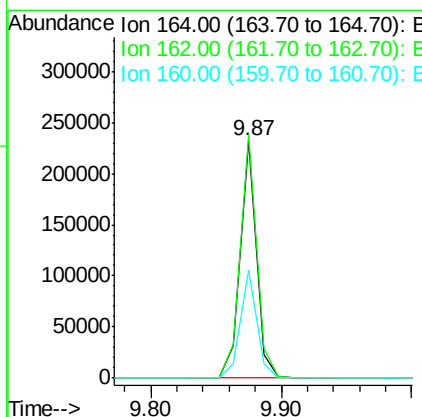
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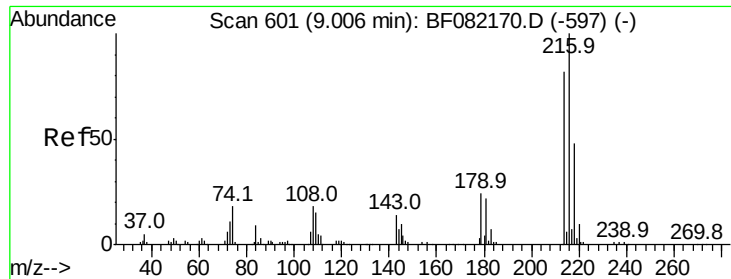
MMdadoda
10/15/2015 4:55:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.6	122.4
160	45.4	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.75 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

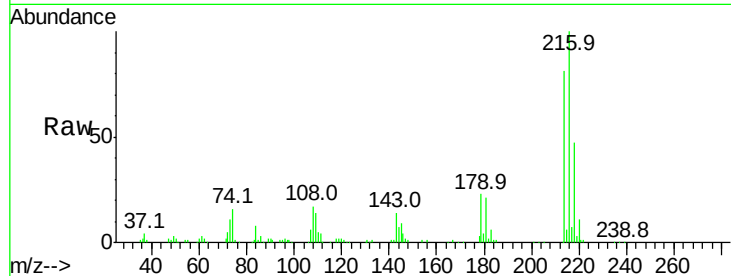
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216601		
214	80.4	64.6	97.0	
179	22.0	17.6	26.4	
108	17.5	14.5	21.7	

Manual Integrations
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MMdadoda
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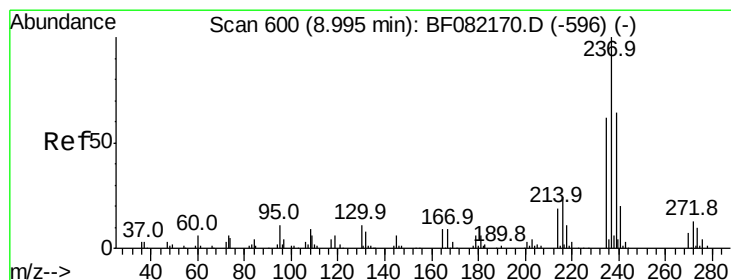
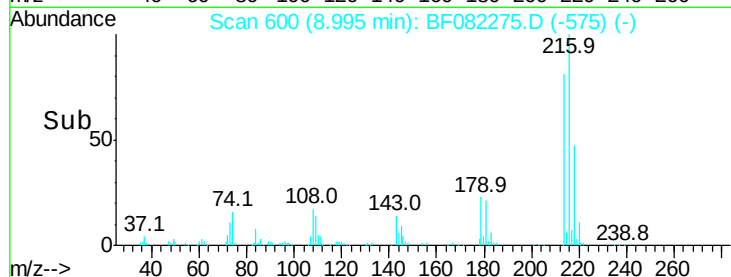
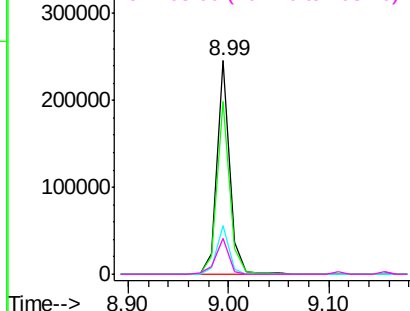


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 28.81 ng

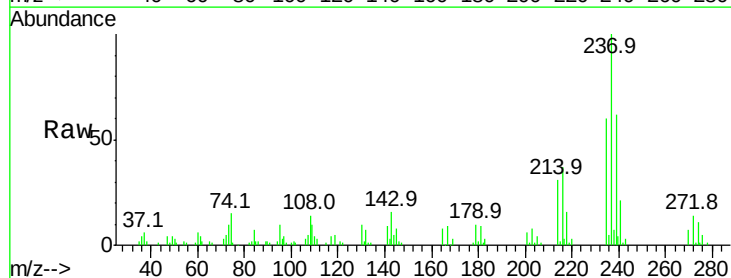
RT: 8.98 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

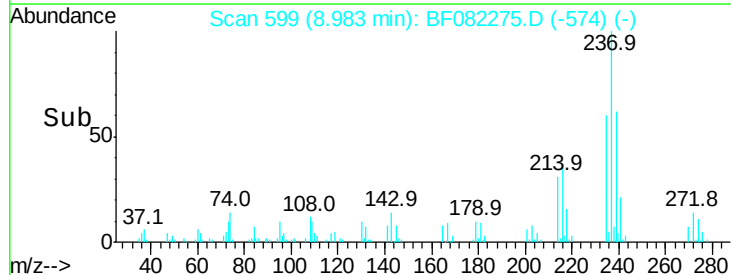
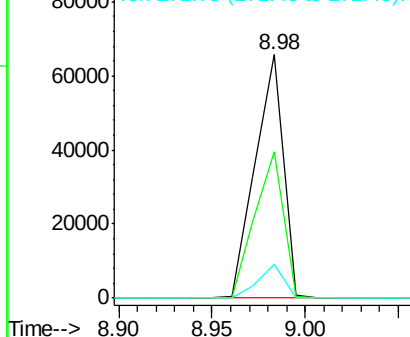
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	68251		
235	60.3	41.7	81.7	
272	13.7	0.0	32.8	

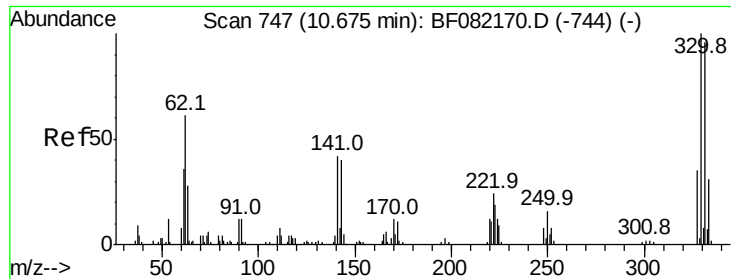


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





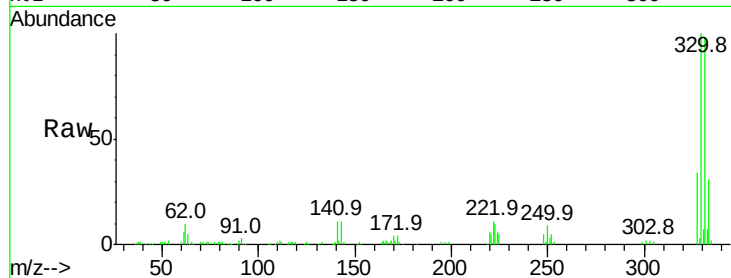
#41
 2,4,6-Tribromophenol
 Concen: 78.91 ng
 RT: 10.67 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

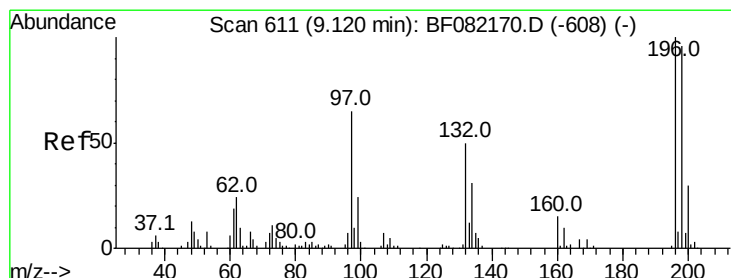
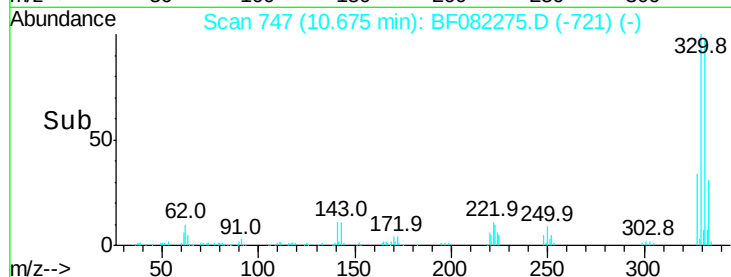
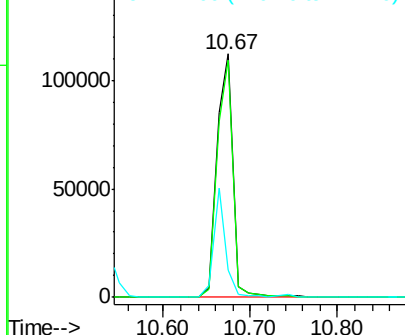
Tot Ion	Ratio	Resp	Lower	Upper
330	100	146654		
332	96.9	77.1	115.7	
141	33.4	29.8	44.8	

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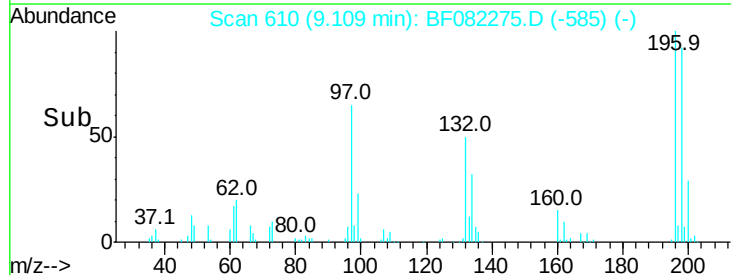
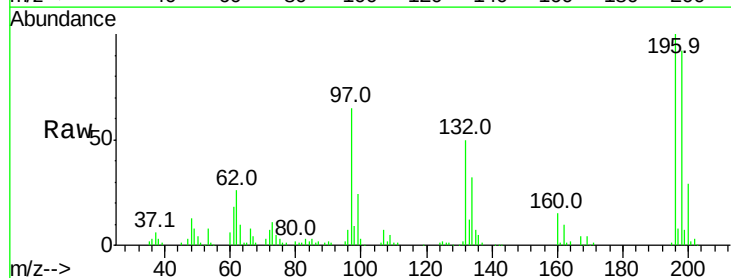
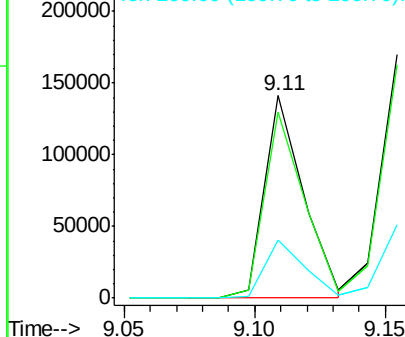
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

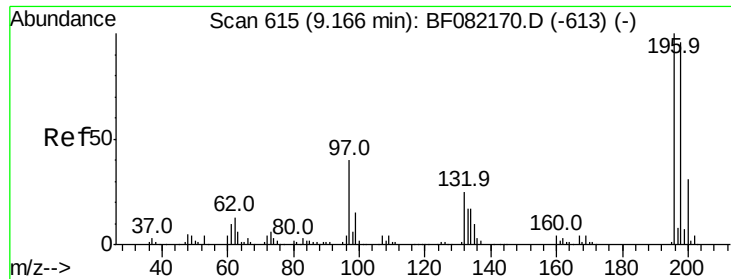


#42
 2,4,6-Trichlorophenol
 Concen: 37.14 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145399		
198	92.0	76.6	115.0	
200	28.9	23.7	35.5	

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





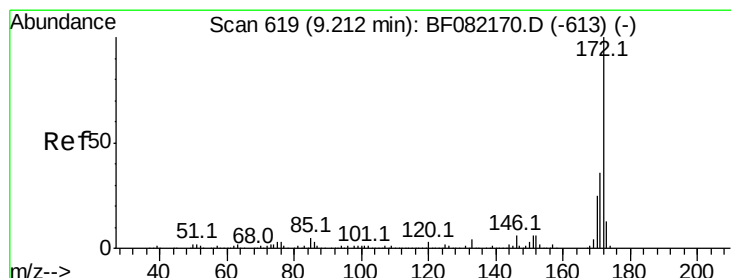
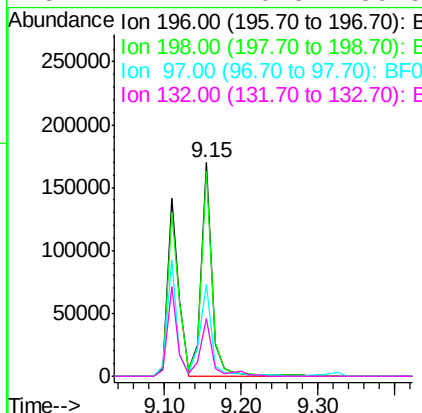
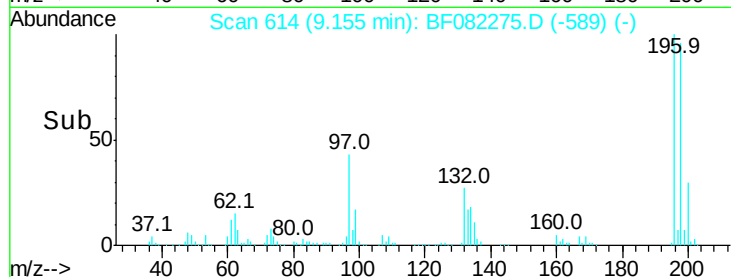
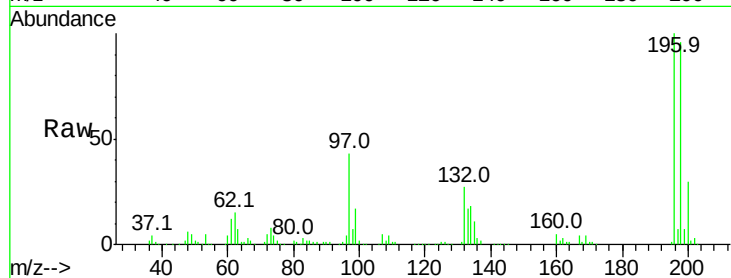
#43
 2,4,5-Trichlorophenol
 Concen: 38.81 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164586		
198	95.9	77.0	115.4	
97	43.5	31.9	47.9	
132	27.1	20.3	30.5	

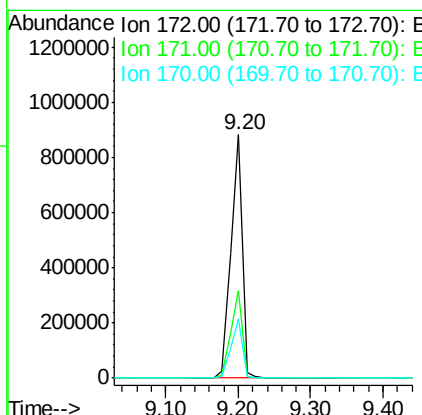
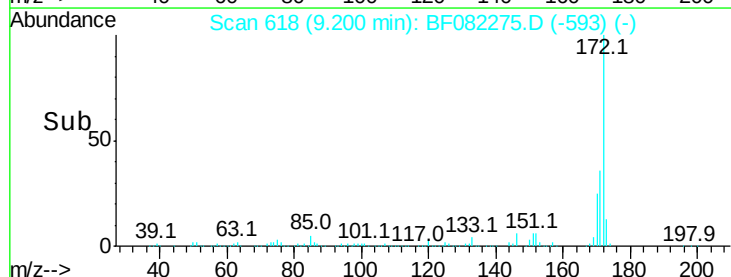
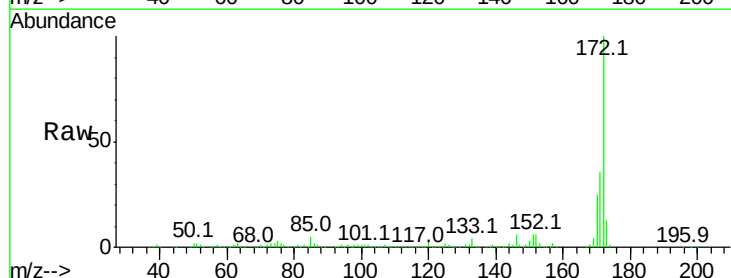
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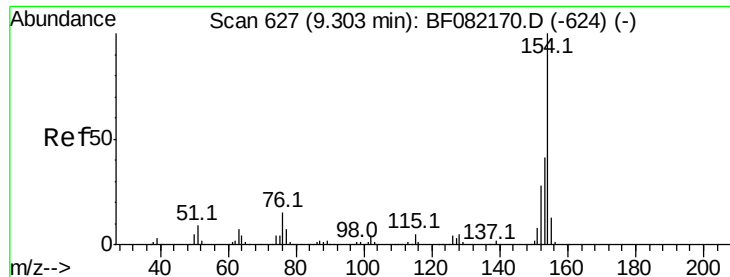
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 80.46 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	961442		
171	36.1	28.6	42.8	
170	24.6	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 34.52 ng

RT: 9.29 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

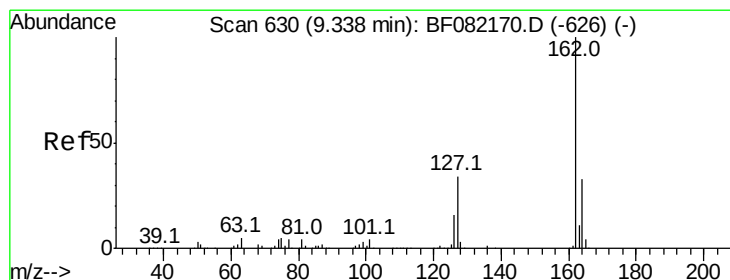
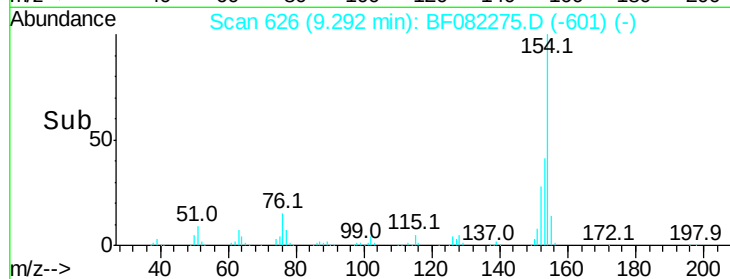
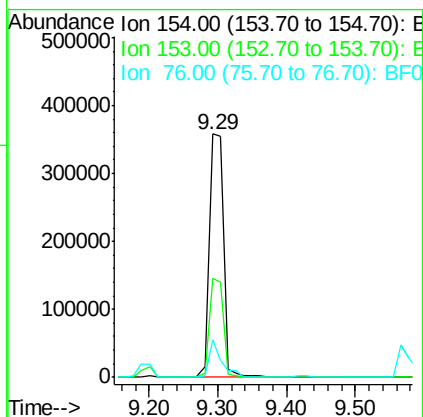
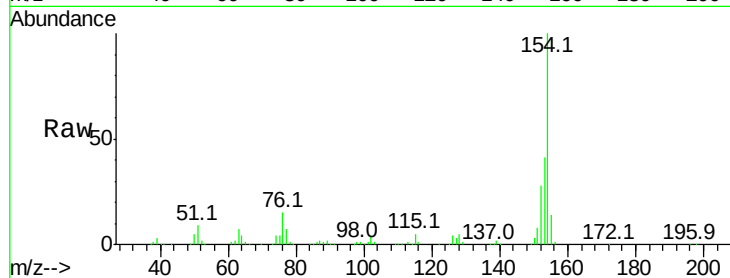
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	521712
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.6	60.6
76	15.2	0.0	35.2

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#46

2-Chloronaphthalene

Concen: 38.05 ng

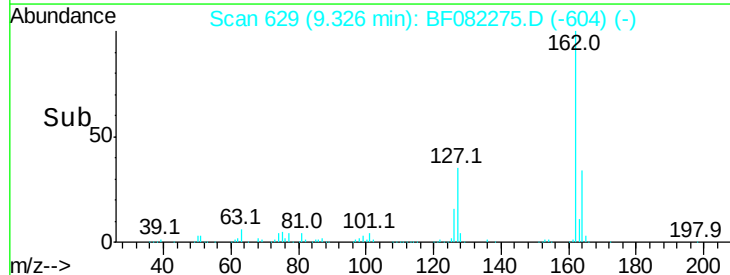
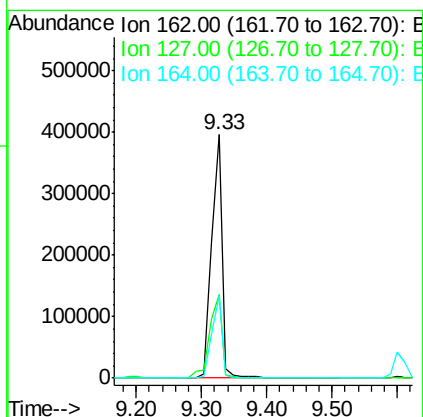
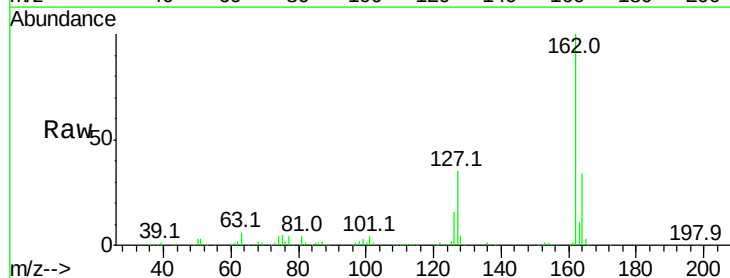
RT: 9.33 min Scan# 629

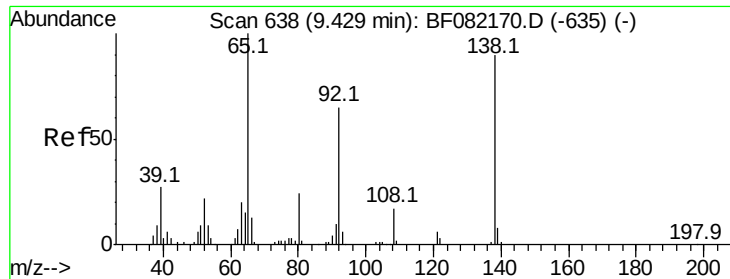
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	162	Resp:	452669
Ion Ratio	Lower	Upper	
162	100		
127	34.6	27.5	41.3
164	33.6	26.6	39.8





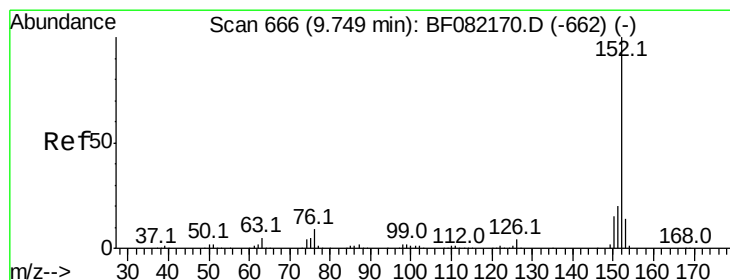
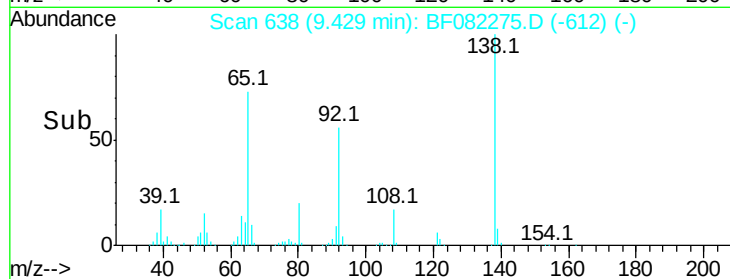
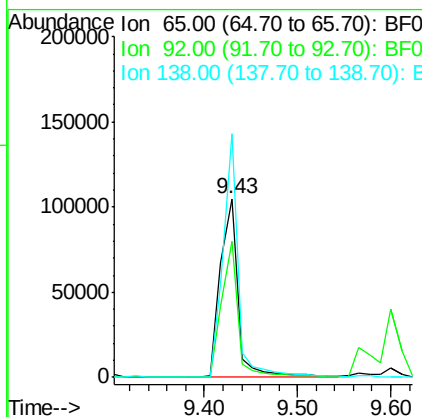
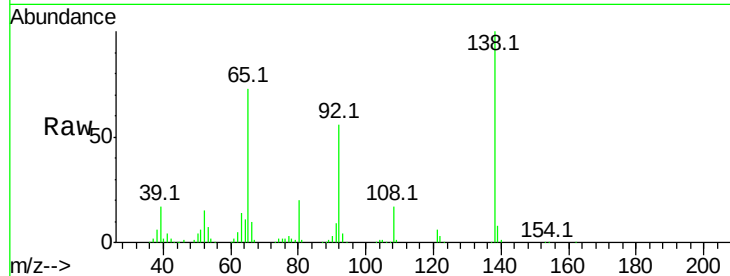
#47
2-Nitroaniline
Concen: 42.80 ng
RT: 9.43 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.8	52.3	78.5
138	136.1	72.2	108.4

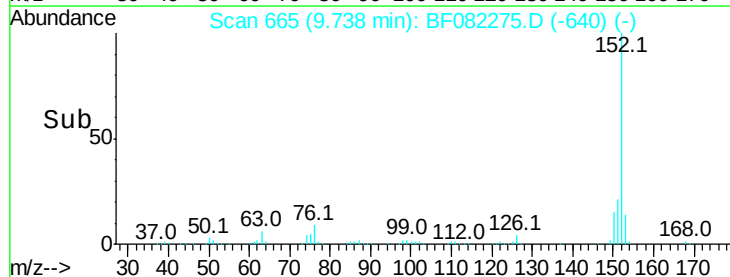
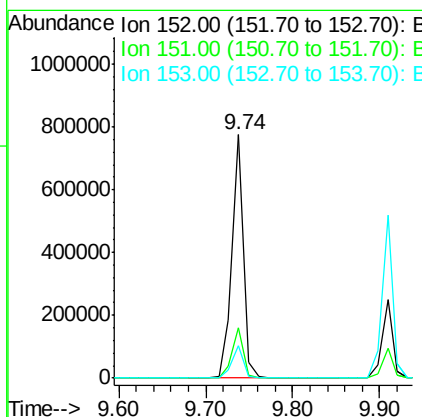
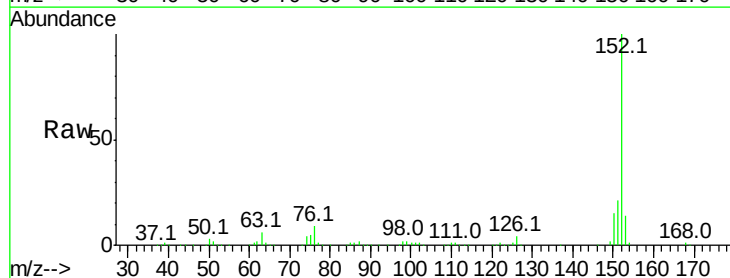
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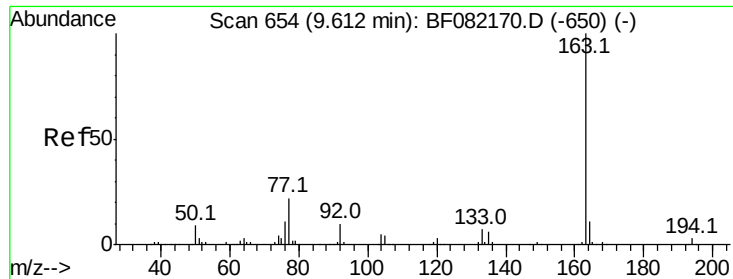
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#48
Acenaphthylene
Concen: 38.12 ng
RT: 9.74 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	13.5	10.8	16.2





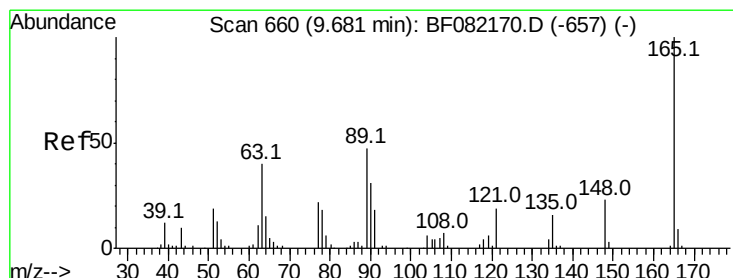
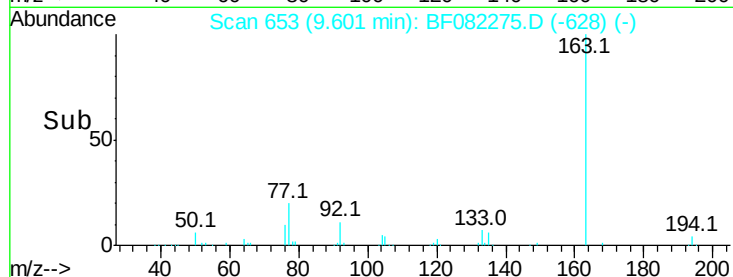
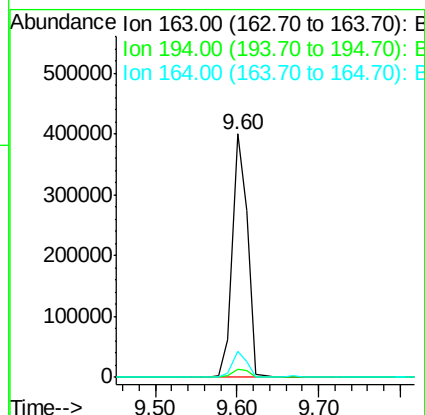
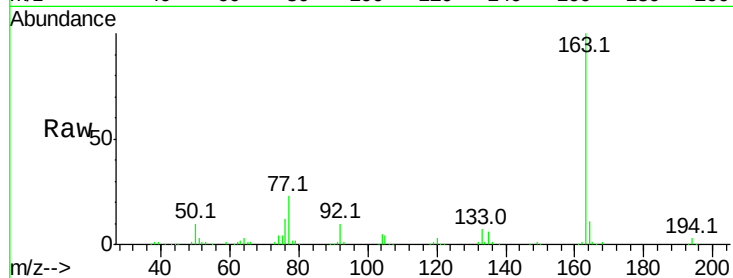
#49
Dimethylphthalate
Concen: 36.89 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	514777		
194	3.3		2.6	4.0
164	10.7		8.5	12.7

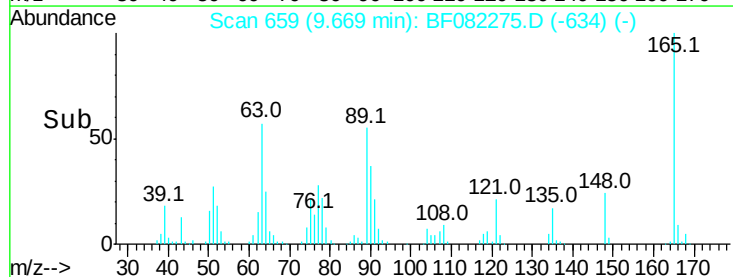
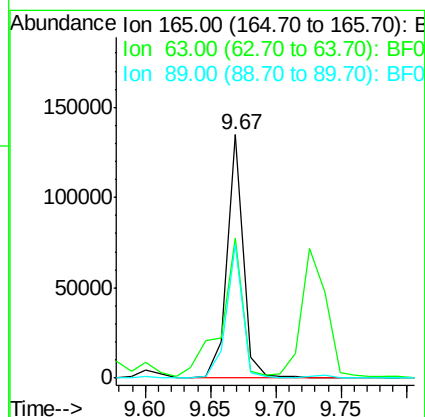
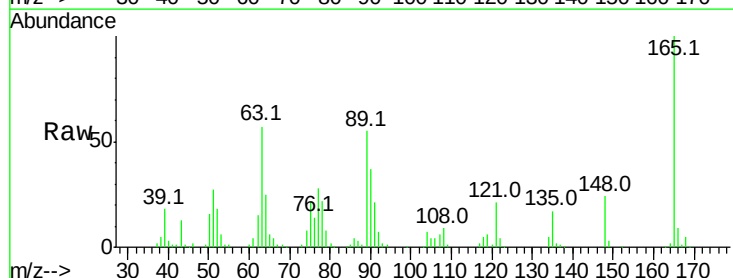
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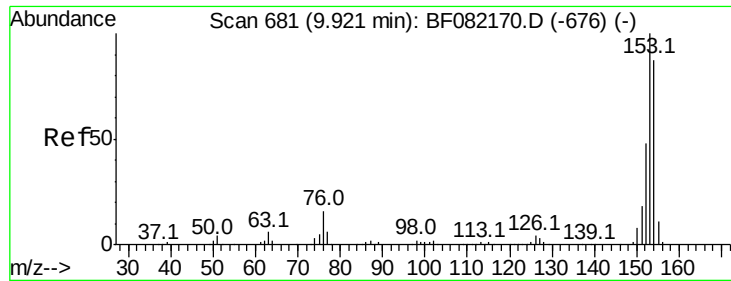
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#50
2,6-Dinitrotoluene
Concen: 39.71 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	116929		
63	57.3		36.7	55.1#
89	54.8		37.8	56.6





#51

Acenaphthene

Concen: 38.10 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

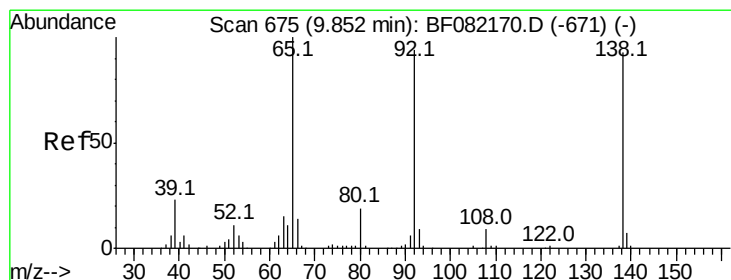
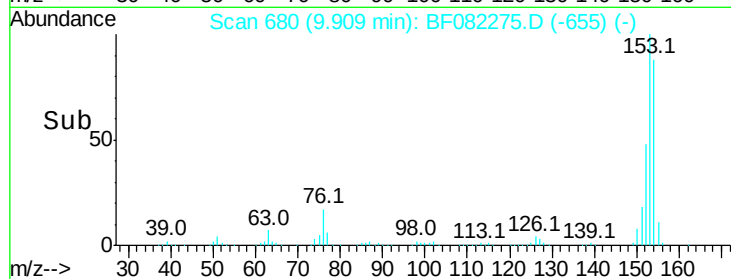
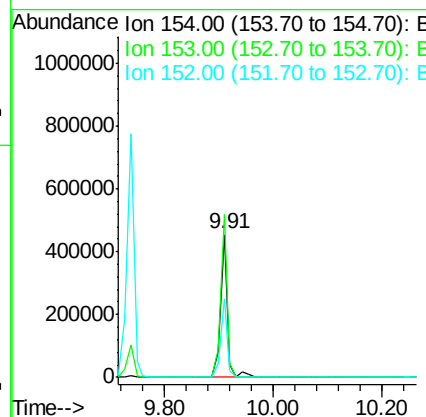
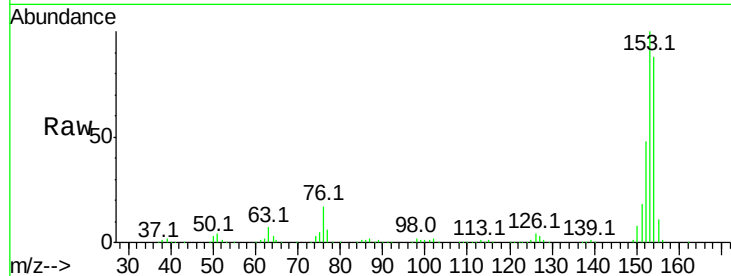
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	423812
Ion Ratio	Lower	Upper	
154	100		
153	114.0	91.4	137.2
152	54.6	44.3	66.5

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#52

3-Nitroaniline

Concen: 39.48 ng

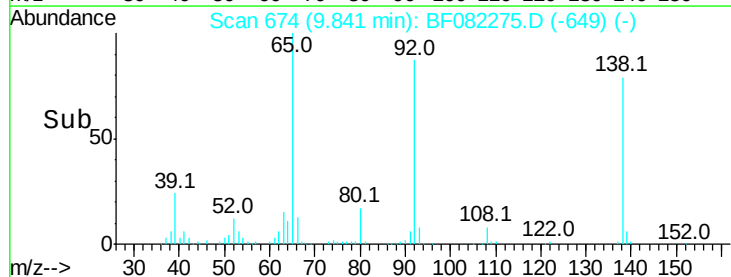
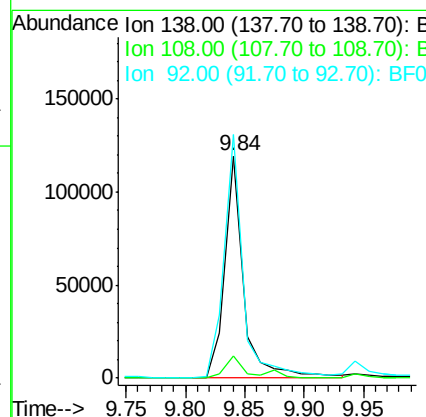
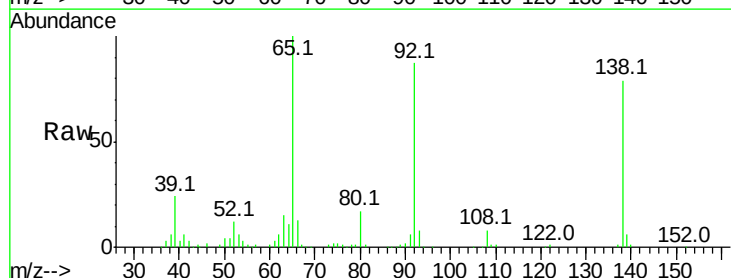
RT: 9.84 min Scan# 674

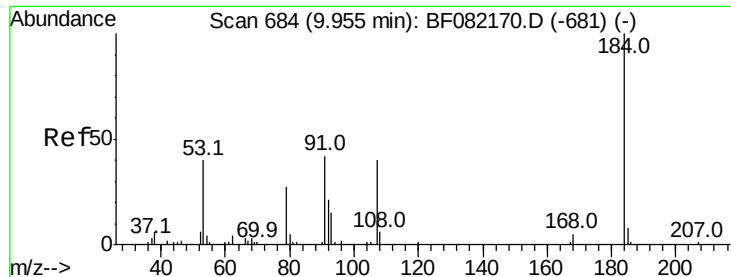
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	138	Resp:	131324
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.4	11.0
92	109.6	81.3	121.9





#53

2,4-Dinitrophenol

Concen: 27.96 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

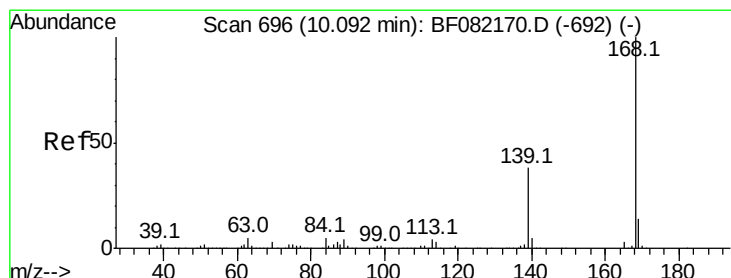
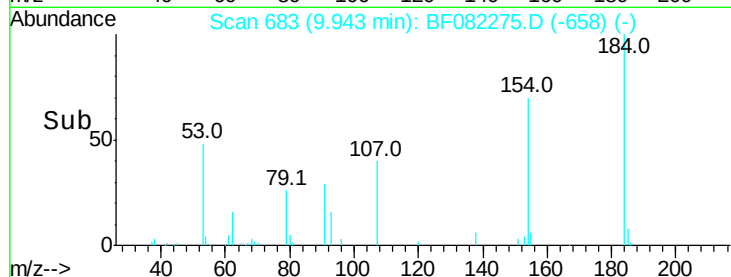
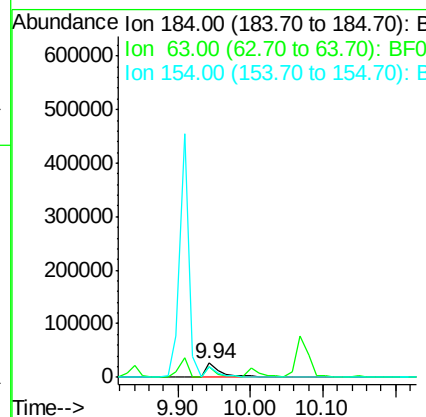
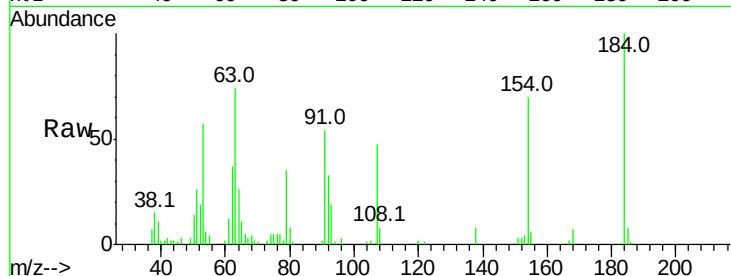
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	38566
Ion Ratio	Lower	Upper	
184	100		
63	73.5	45.1	67.7#
154	70.3	51.2	76.8

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#54

Dibenzofuran

Concen: 38.19 ng

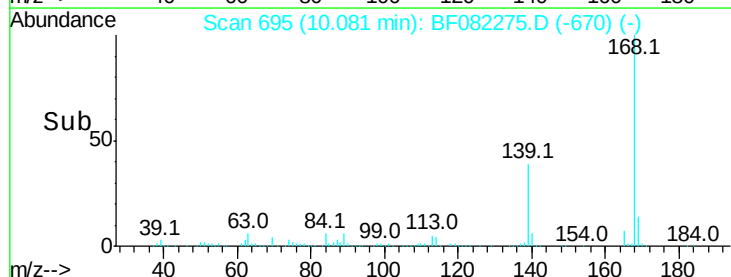
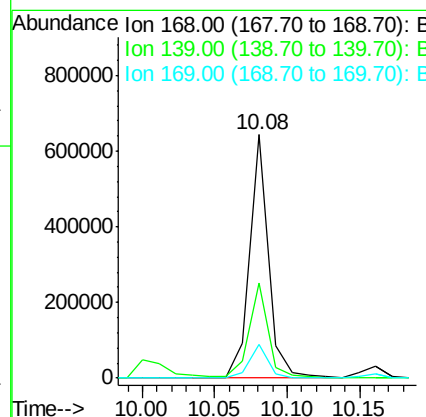
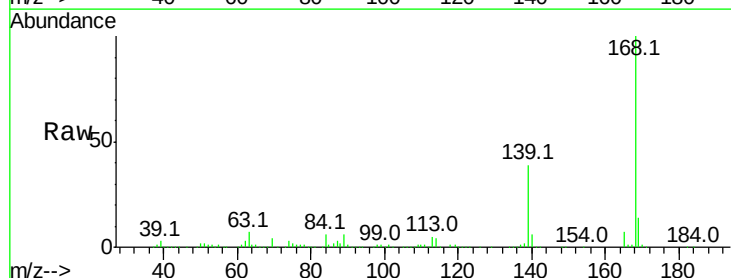
RT: 10.08 min Scan# 695

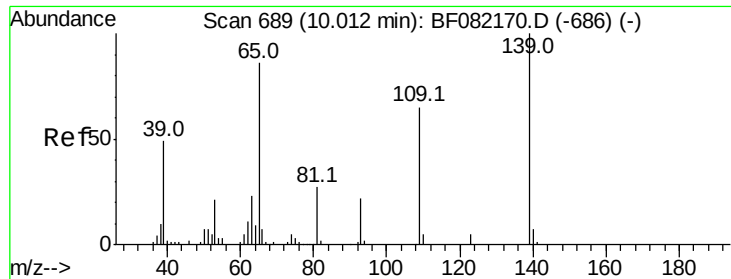
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	168	Resp:	583344
Ion Ratio	Lower	Upper	
168	100		
139	39.0	31.0	46.6
169	13.9	10.9	16.3





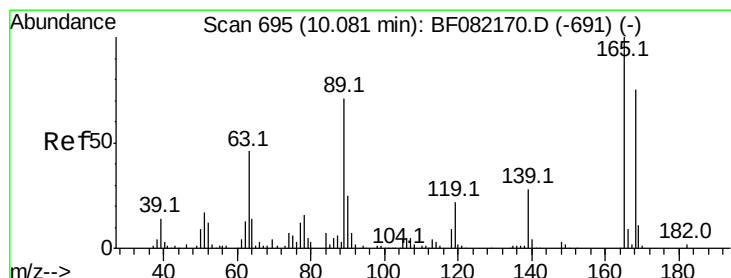
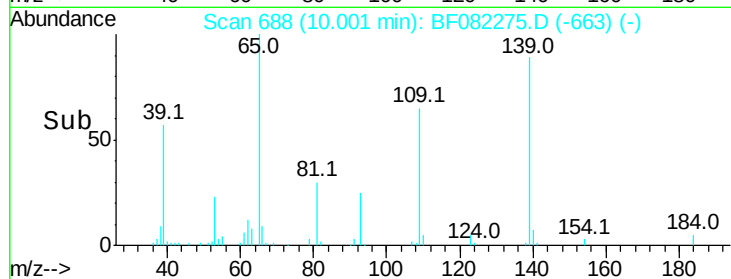
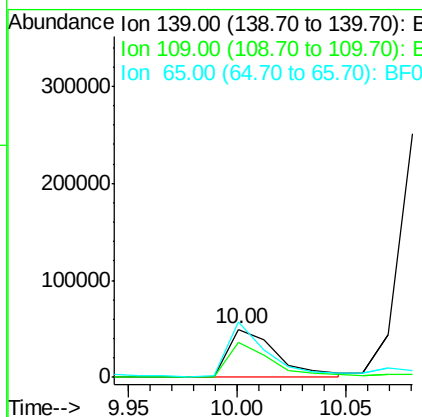
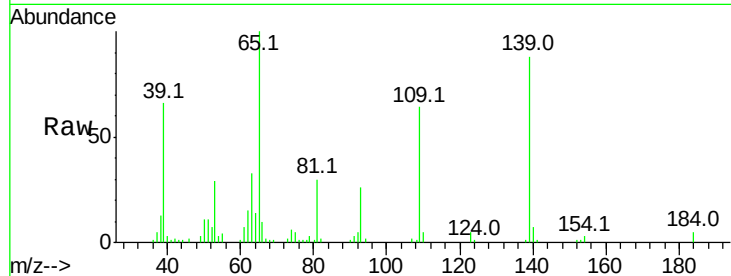
#55
4-Nitrophenol
Concen: 41.51 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	72.8	44.8	84.8
65	114.0	67.7	107.7#

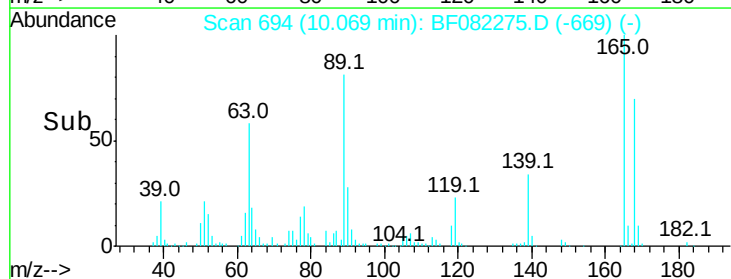
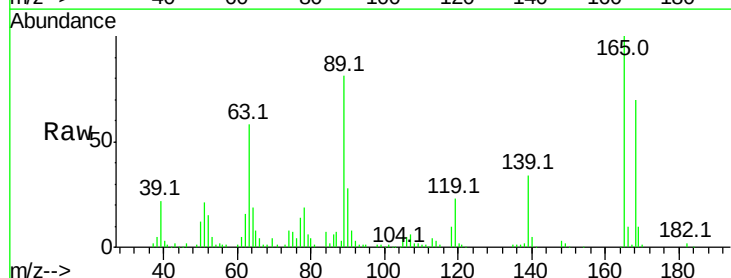
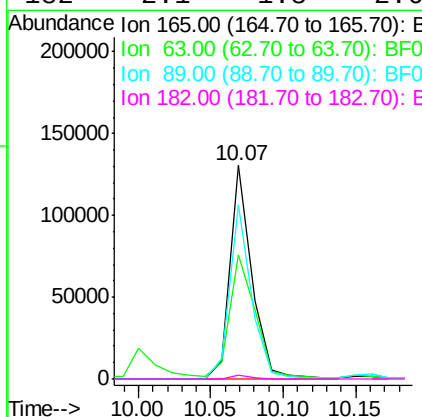
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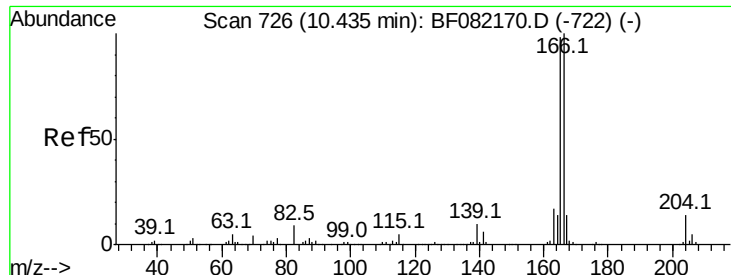
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#56
2,4-Dinitrotoluene
Concen: 37.33 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.3	38.6	58.0#
89	81.3	57.0	85.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 36.33 ng

RT: 10.42 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

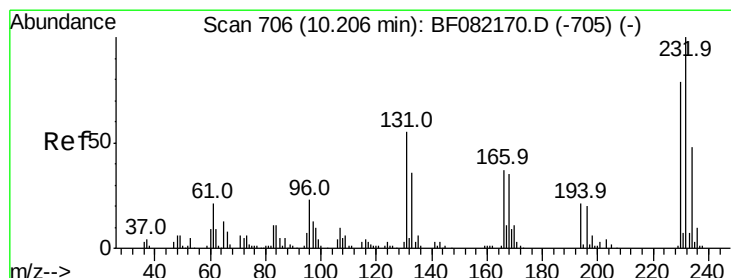
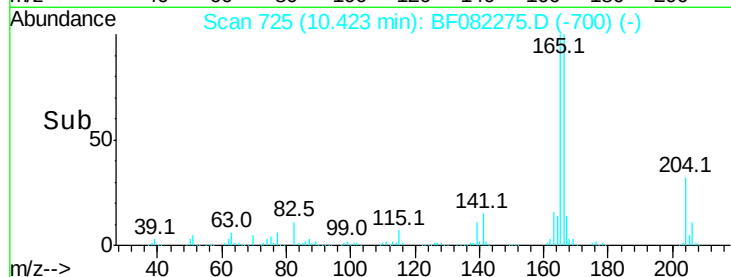
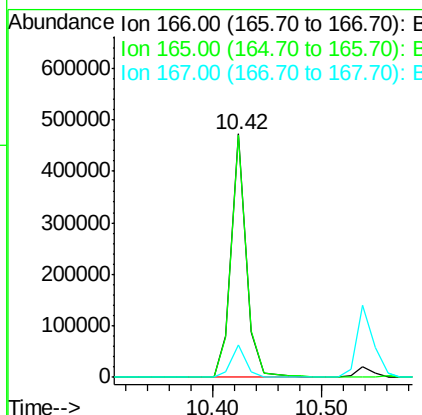
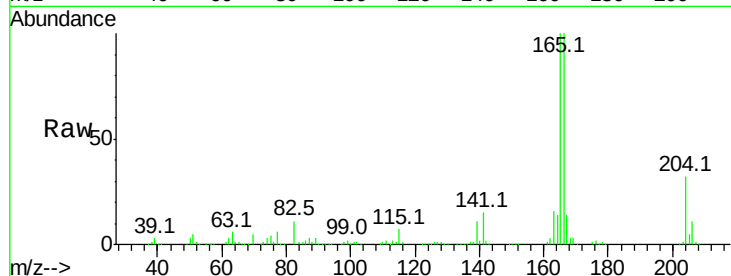
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	455784
Ion Ratio	Lower	Upper	
166	100		
165	99.8	78.3	117.5
167	13.5	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.04 ng

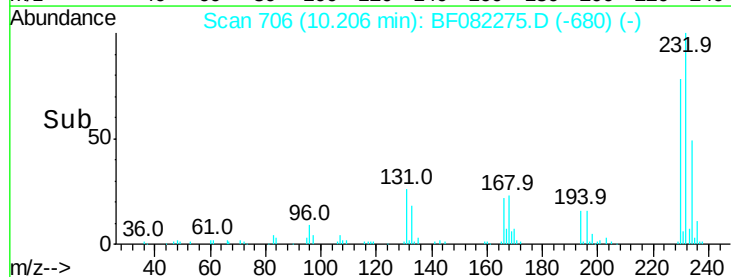
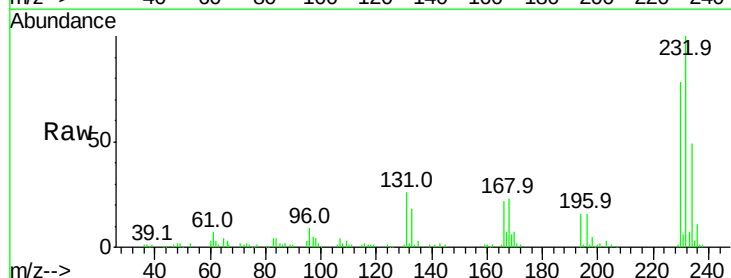
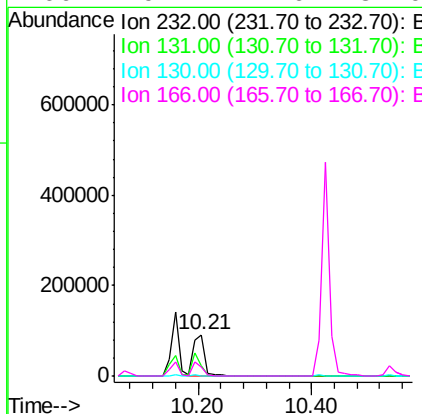
RT: 10.21 min Scan# 706

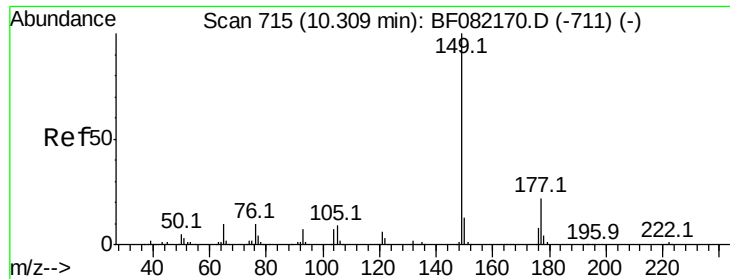
Delta R.T. -0.00 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	232	Resp:	131826
Ion Ratio	Lower	Upper	
232	100		
131	41.1	36.6	54.8
130	1.7	1.5	2.3
166	29.4	24.6	37.0





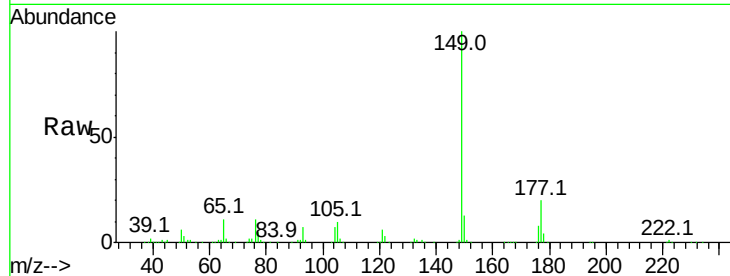
#59
Diethylphthalate
Concen: 38.00 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

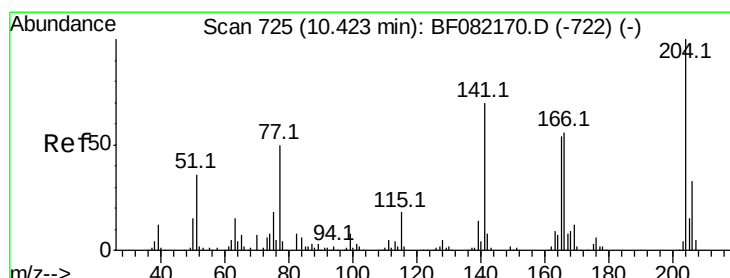
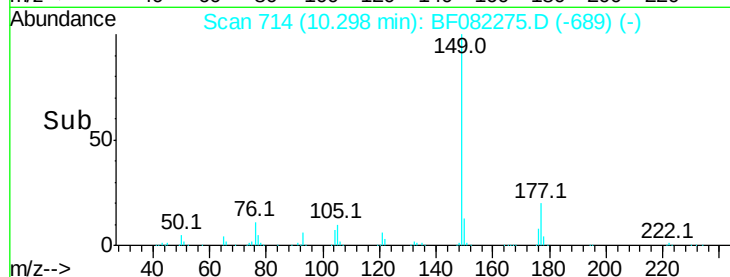
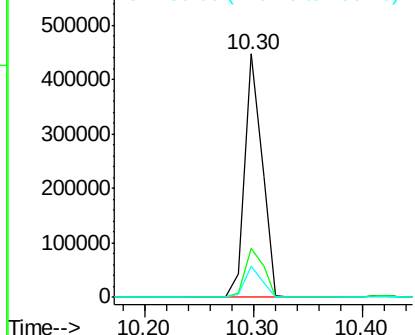
Tot Ion	Ratio	Resp	Lower	Upper
149	100	494341		
177	20.4	17.6	26.4	
150	12.8	10.3	15.5	

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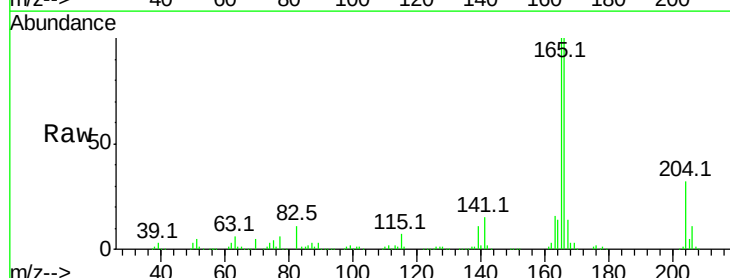


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

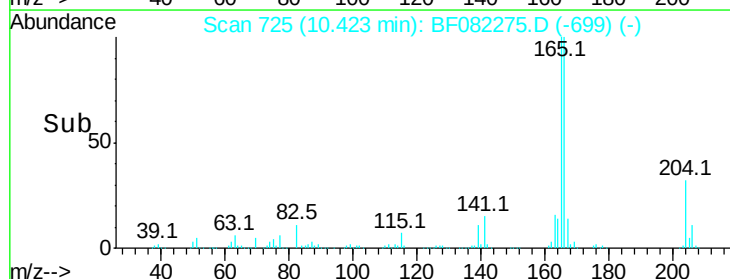
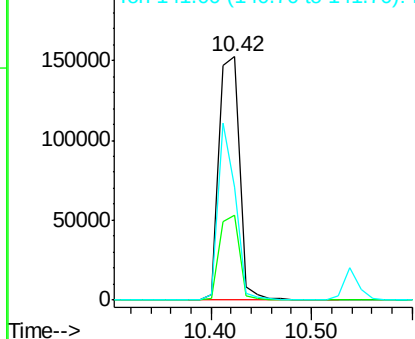


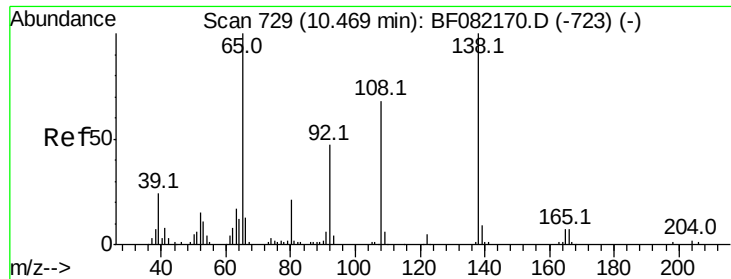
#60
4-Chlorophenyl-phenylether
Concen: 37.89 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	217713		
206	34.7	26.8	40.2	
141	46.5	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





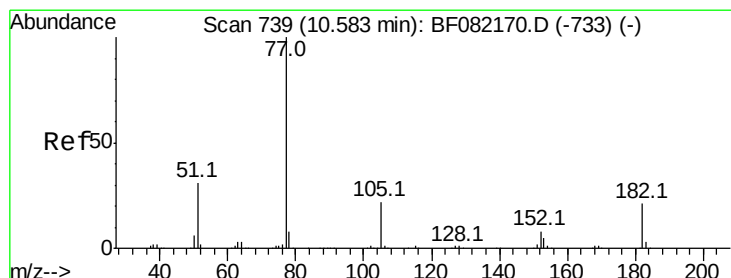
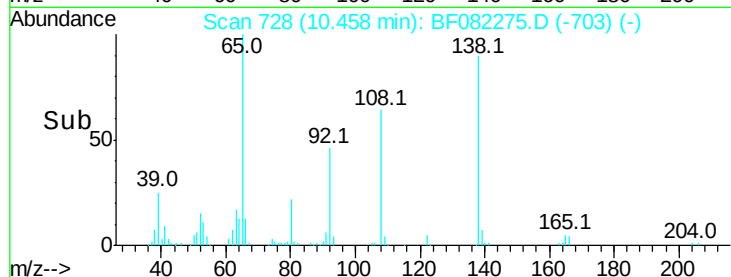
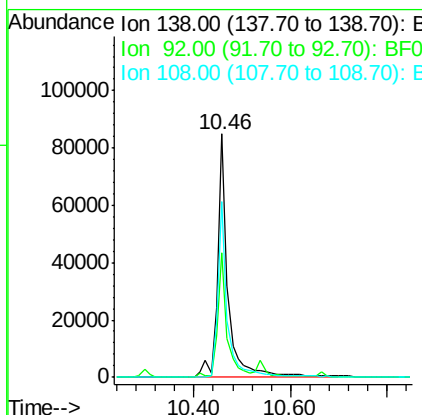
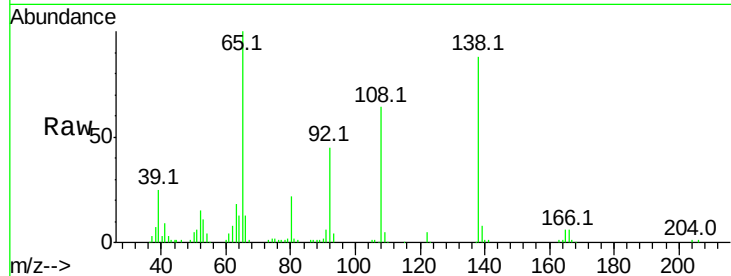
#61
4-Nitroaniline
Concen: 41.00 ng
RT: 10.46 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	132263		
92	51.3	26.8	66.8	
108	72.2	48.4	88.4	

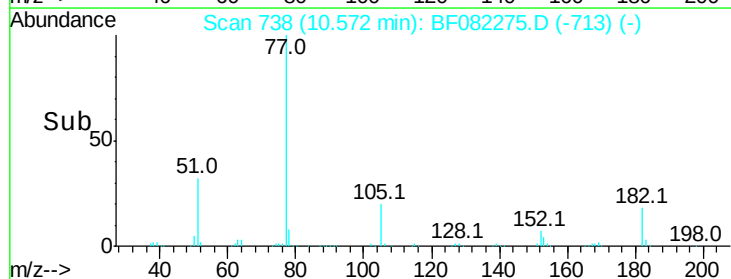
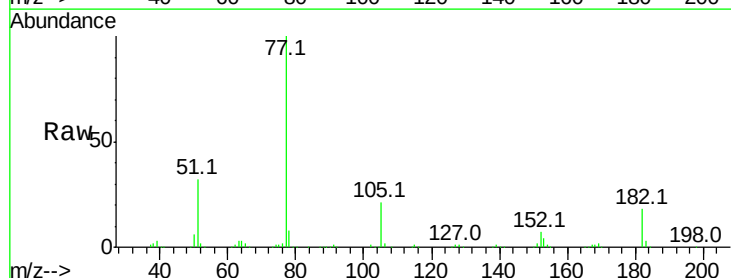
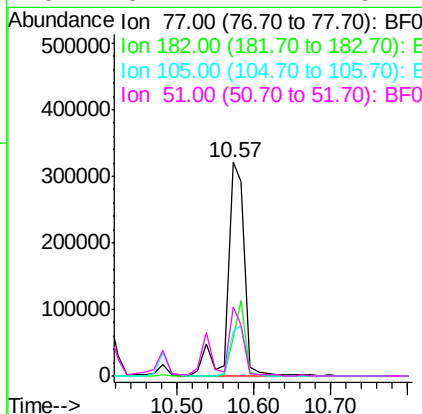
Manual Integrations
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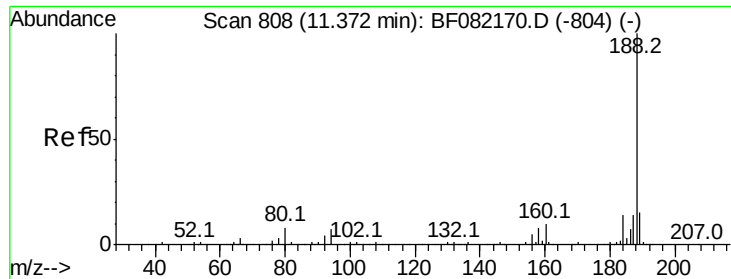
MMdadoda
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#62
Azobenzene
Concen: 38.71 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	492848		
182	18.2	0.5	40.5	
105	20.8	1.8	41.8	
51	32.4	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: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

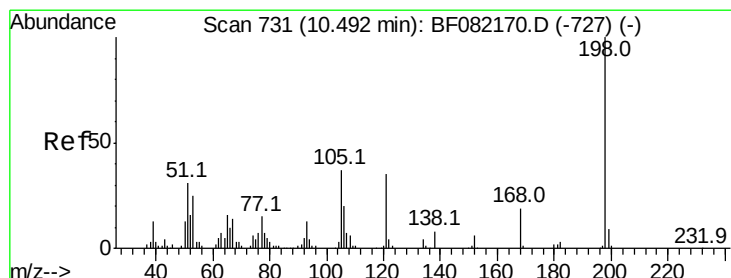
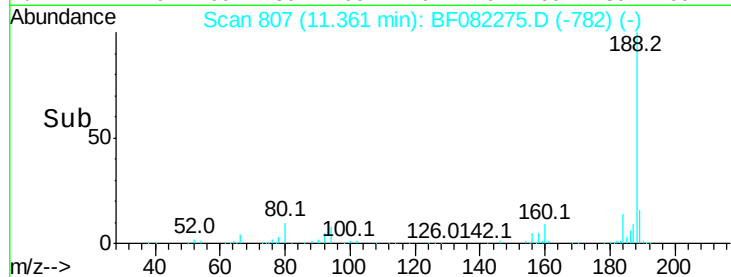
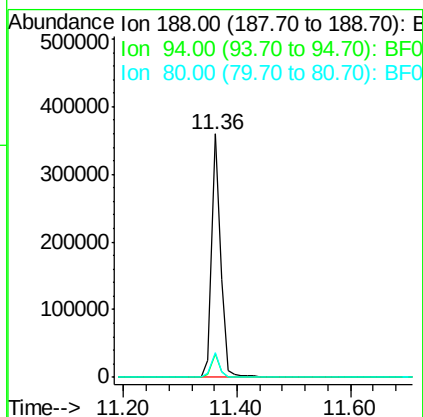
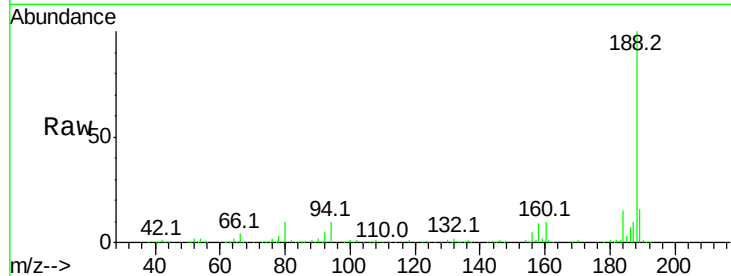
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	382221
Ion Ratio	Lower	Upper
188 100		
94 9.7	5.8	8.6#
80 10.3	6.4	9.6#

Manual Integrations
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MMdadoda
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#64

4,6-Dinitro-2-methylphenol

Concen: 33.43 ng

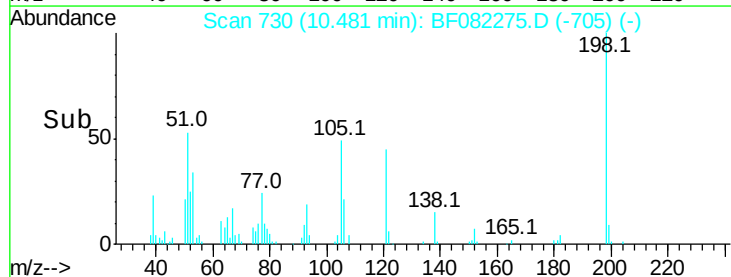
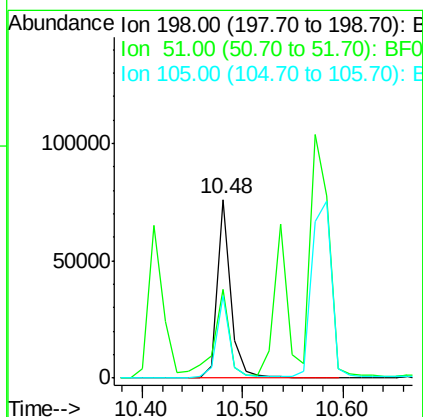
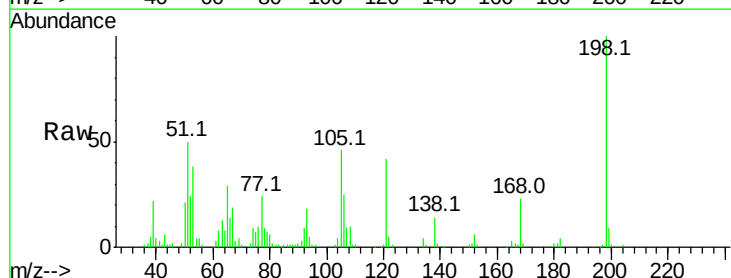
RT: 10.48 min Scan# 730

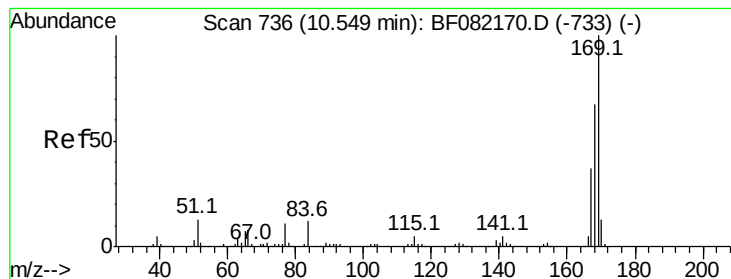
Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:198	Resp:	71696
Ion Ratio	Lower	Upper
198 100		
51 49.6	13.6	53.6
105 45.8	17.1	57.1





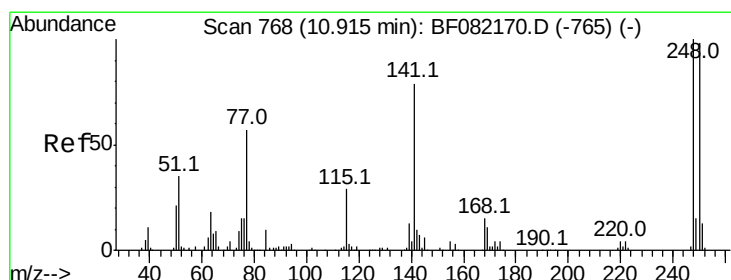
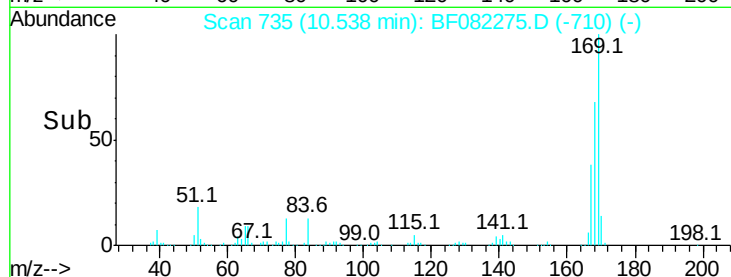
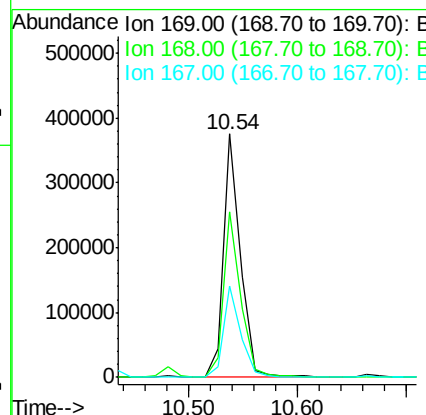
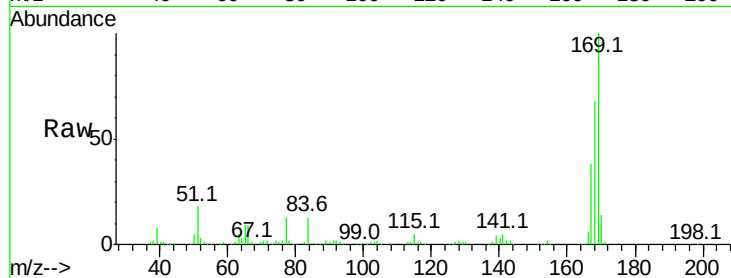
#65
n-Nitrosodiphenylamine
Concen: 35.95 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.2	54.0	81.0	
167	37.5	29.6	44.4	

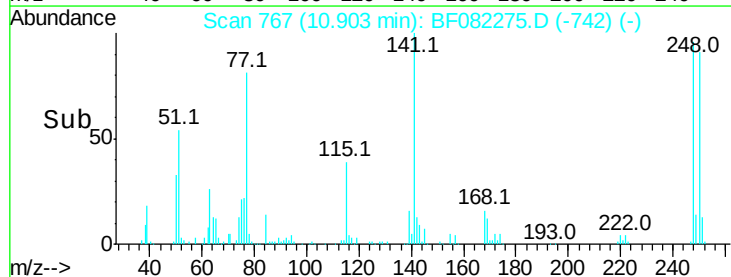
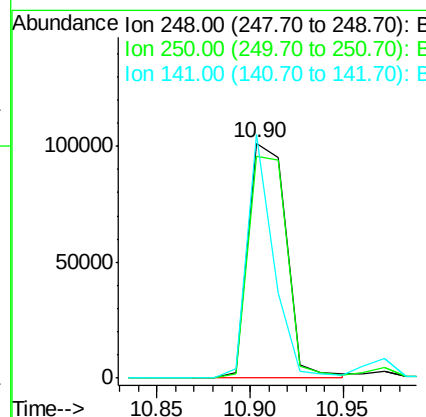
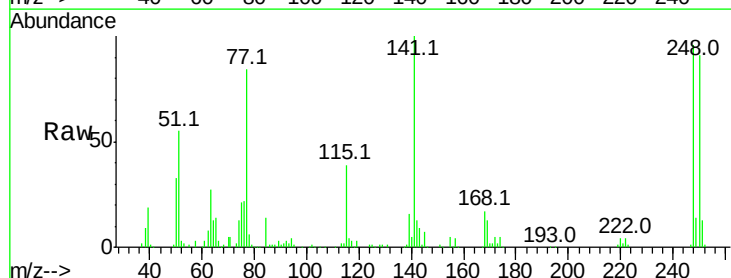
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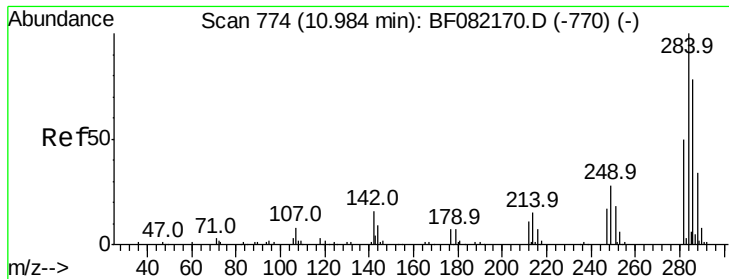
MMdadoda
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#66
4-Bromophenyl-phenylether
Concen: 37.30 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.3	78.6	117.8	
141	103.7	63.3	94.9	





#67

Hexachlorobenzene

Concen: 40.19 ng

RT: 10.97 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

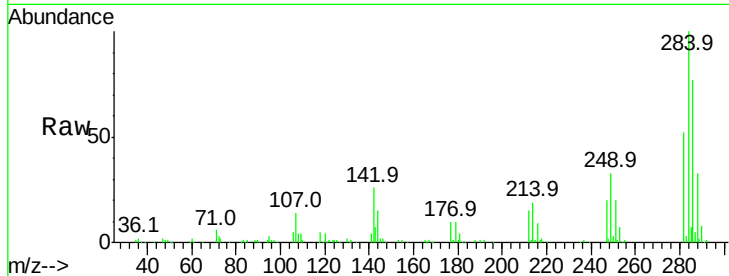
ClientSampleId :

SSTDCCC040

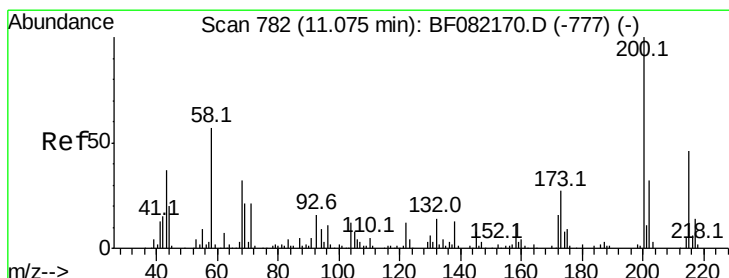
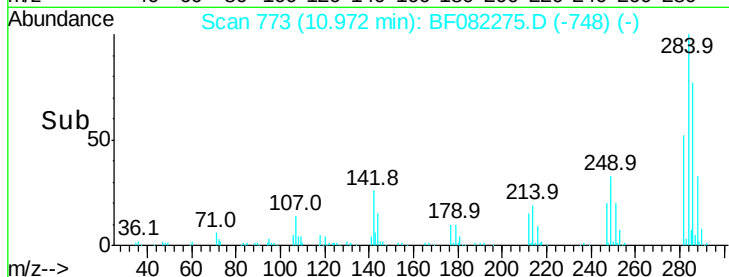
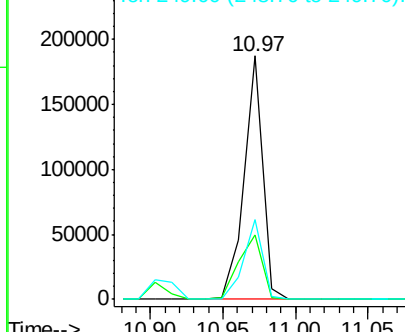
Tot Ion	Ratio	Resp	Lower	Upper
284	100	166258		
142	26.3	13.0	19.6#	
249	32.7	22.5	33.7	

Manual Integrations
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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: 41.34 ng

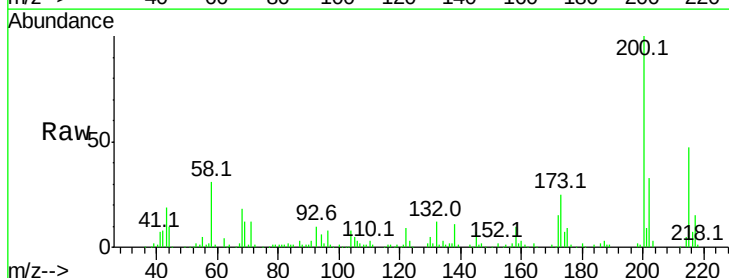
RT: 11.07 min Scan# 782

Delta R.T. -0.00 min

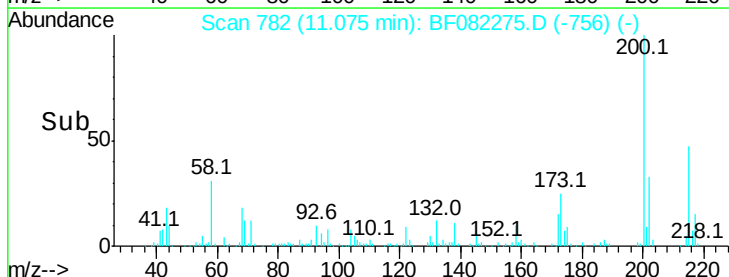
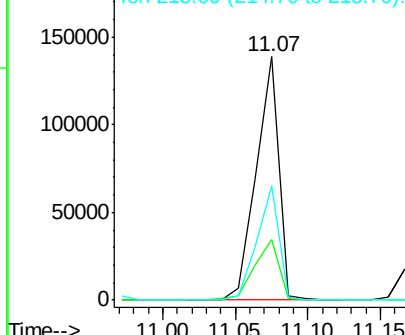
Lab File: BF082275.D

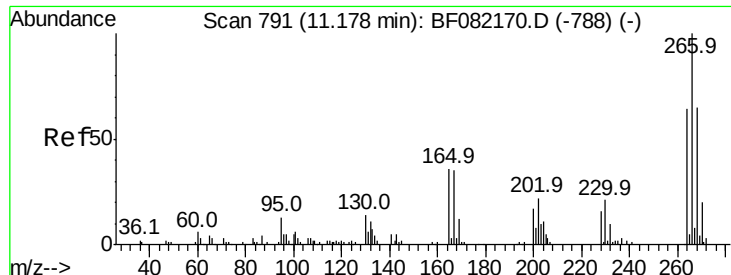
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	149888		
173	24.8	7.3	47.3	
215	46.8	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





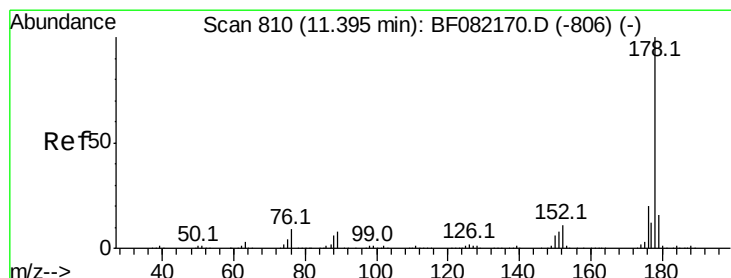
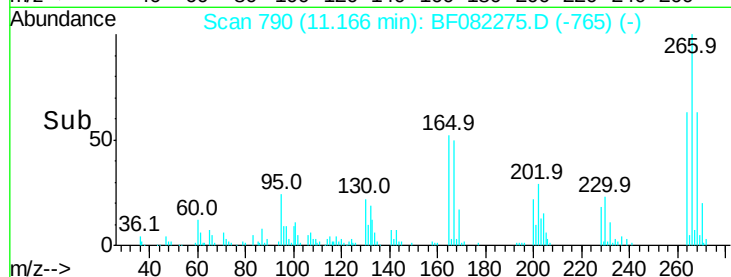
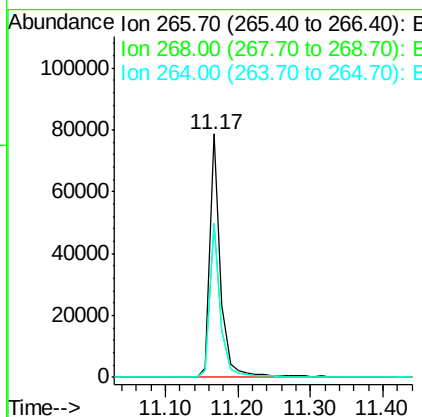
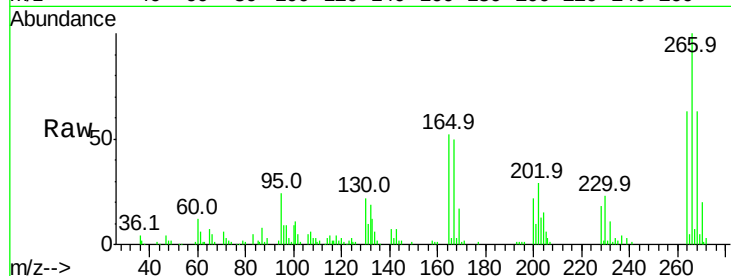
#69
 Pentachlorophenol
 Concen: 37.96 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.1	52.0	78.0	
264	63.1	51.4	77.0	

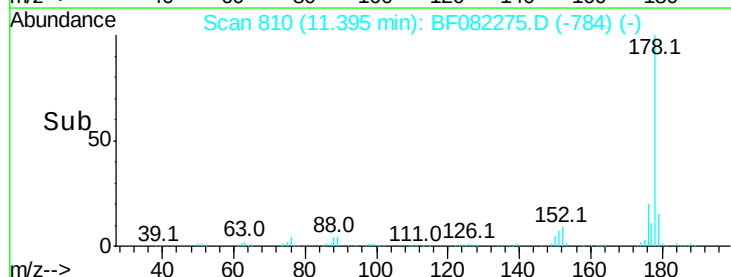
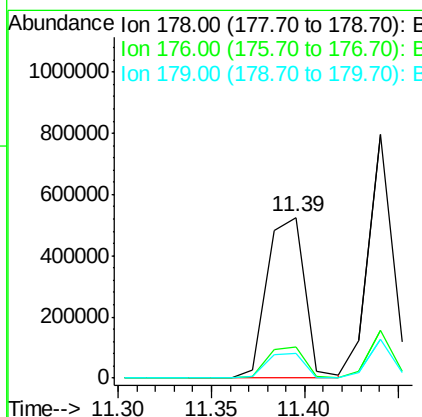
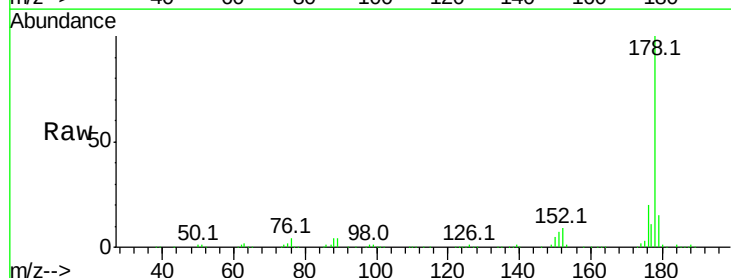
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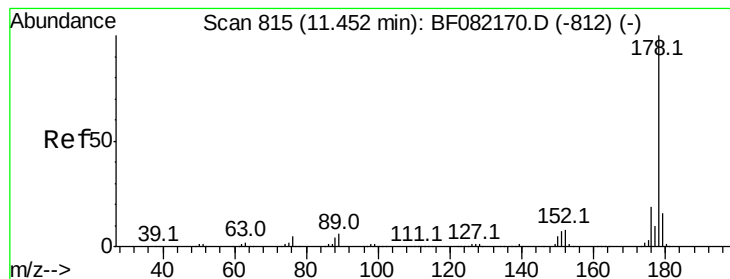
MMdadoda
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#70
 Phenanthrene
 Concen: 39.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	16.0	24.0	
179	15.2	12.6	19.0	





#71

Anthracene

Concen: 39.20 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 756735

Ion Ratio Lower Upper

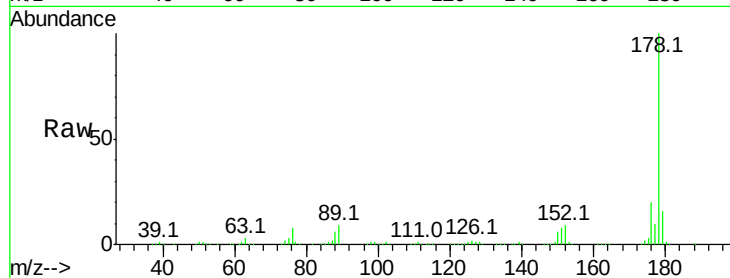
178 100

176 19.7 15.4 23.0

179 16.2 12.5 18.7

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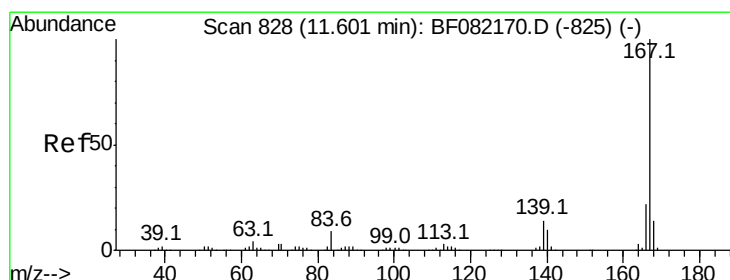
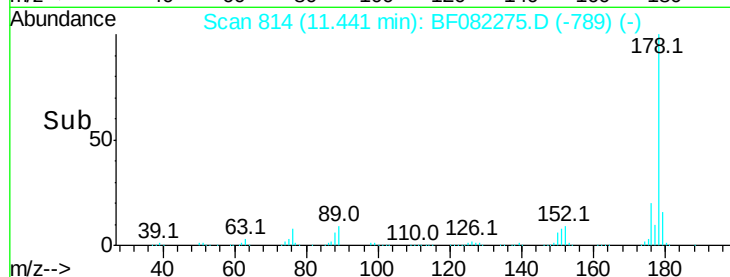
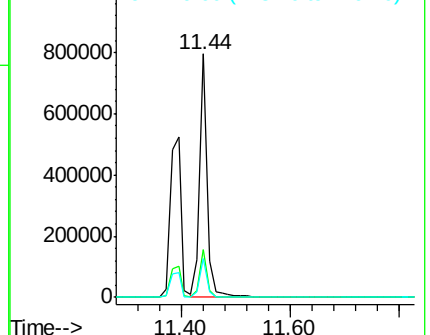
MMdadoda
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.39 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

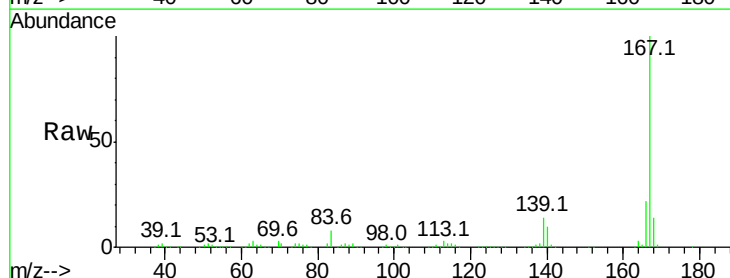
Tgt Ion:167 Resp: 693725

Ion Ratio Lower Upper

167 100

166 22.1 17.3 25.9

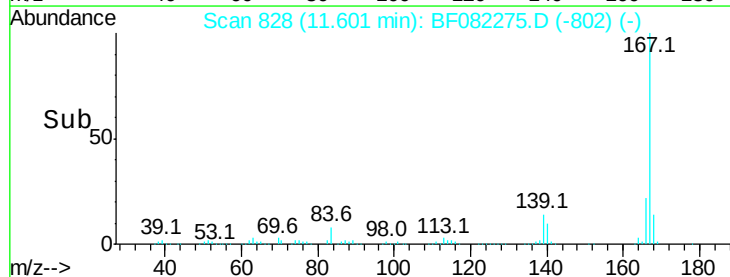
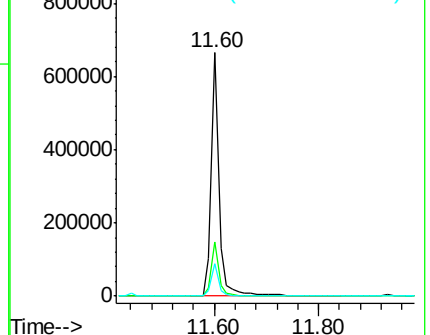
139 13.5 11.2 16.8

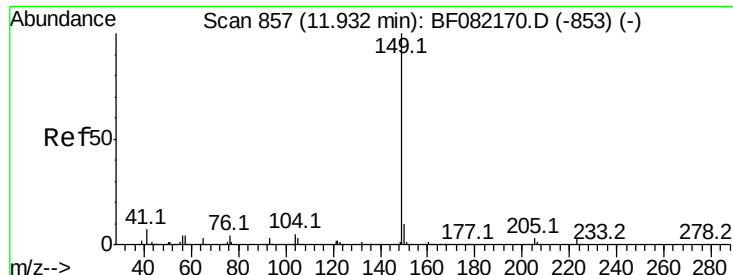


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.66 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

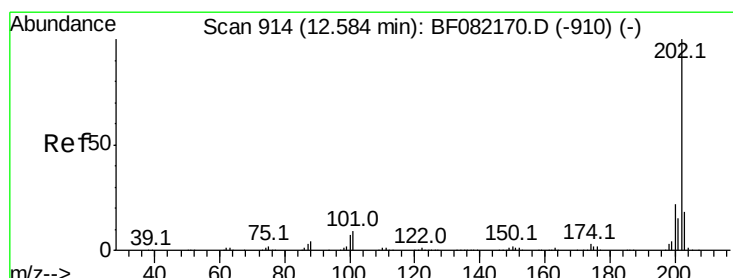
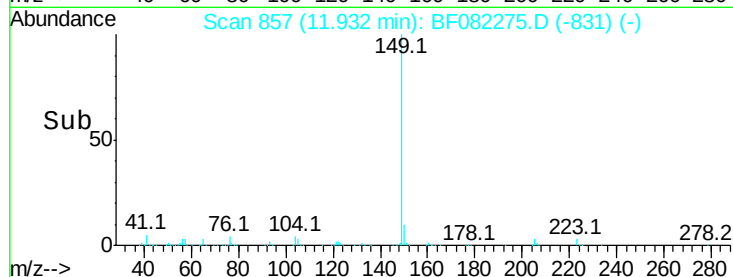
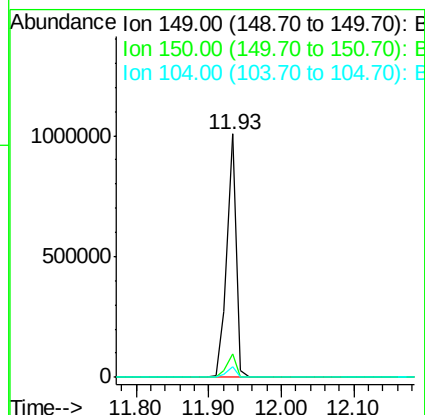
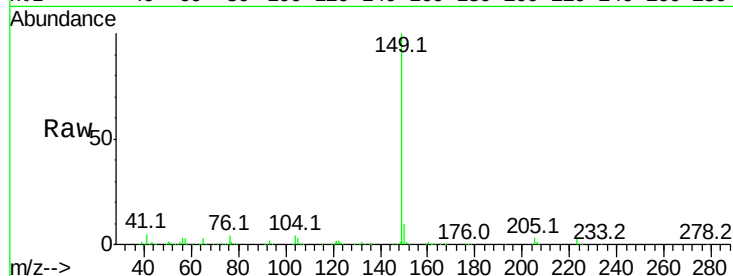
ClientSampleId :

SSTDCCC040

Manual Integrations
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Tot Ion:	149	Resp:	905171
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	4.3	3.8	5.8



#74

Fluoranthene

Concen: 40.05 ng

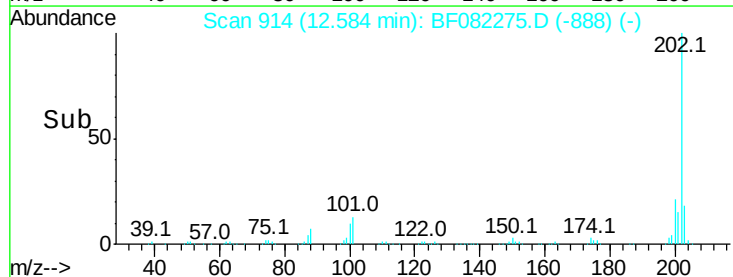
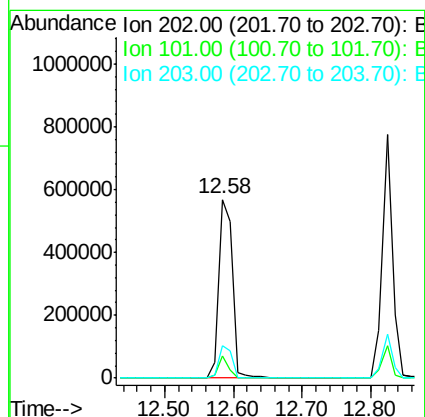
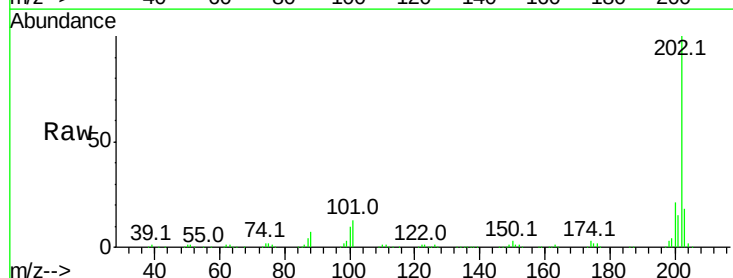
RT: 12.58 min Scan# 914

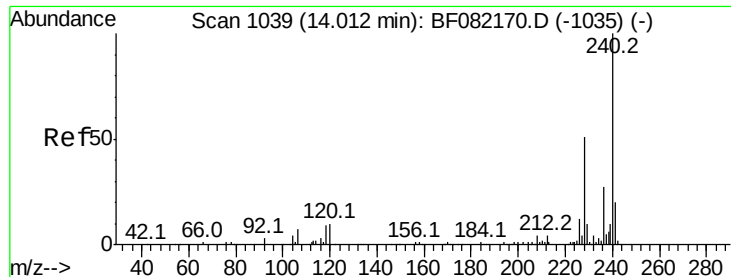
Delta R.T. -0.00 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion:	202	Resp:	805802
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	29.3
203	17.9	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 1049

Delta R.T. 0.11 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

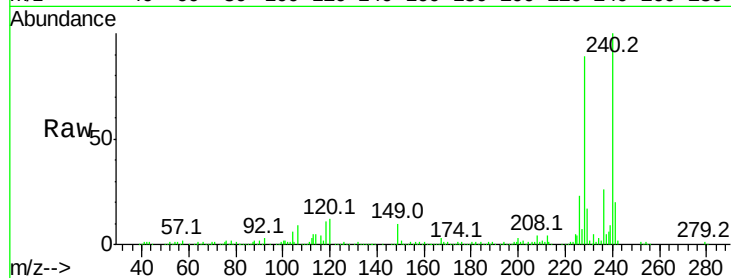
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.3	8.1	12.1	
236	26.1	21.3	31.9	

Manual Integrations
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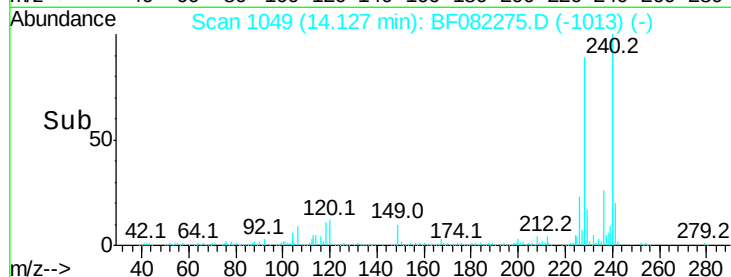


Abundance Ion 240.00 (239.70 to 240.70): E

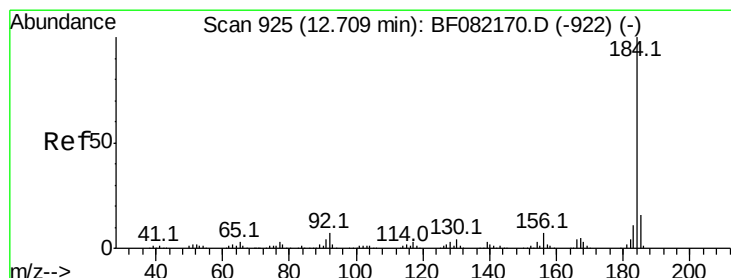
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.13



Time-->



#76

Benzidine

Concen: 23.49 ng

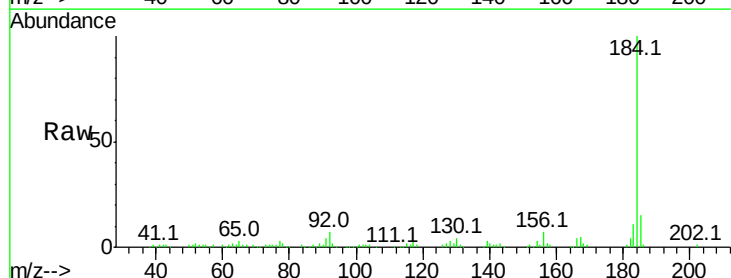
RT: 12.72 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	12.5	18.7	
183	10.9	9.1	13.7	

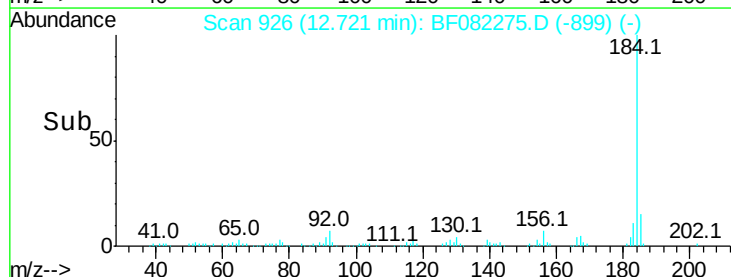


Abundance Ion 184.00 (183.70 to 184.70): E

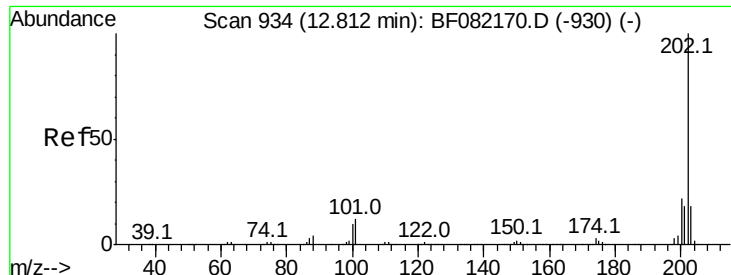
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.72



Time-->



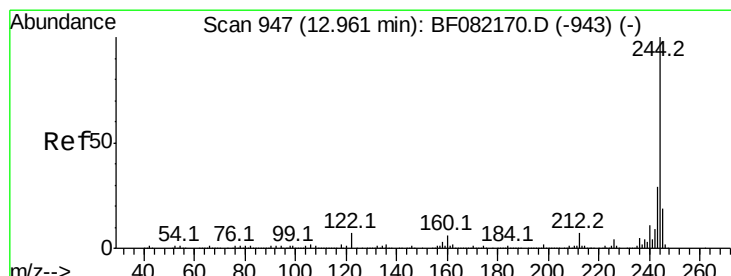
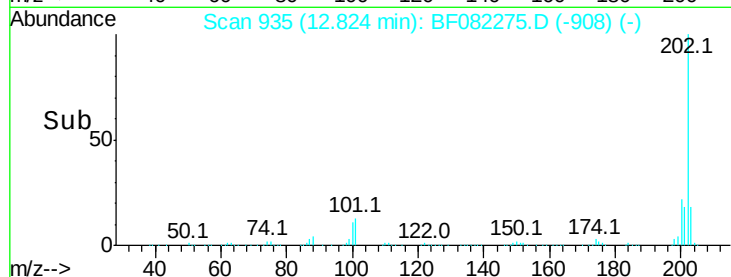
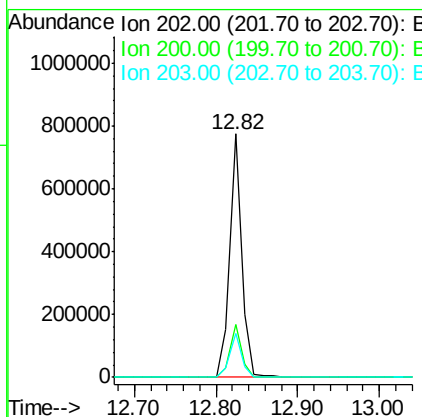
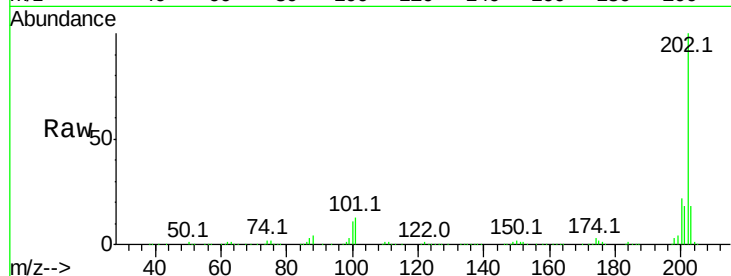
#77
Pvrene
Concen: 36.78 ng
RT: 12.82 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.9	26.9
203	18.2	14.5	21.7

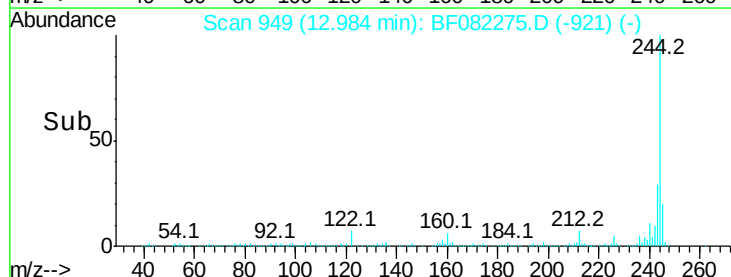
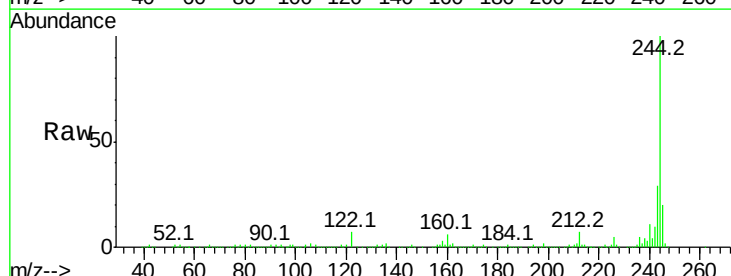
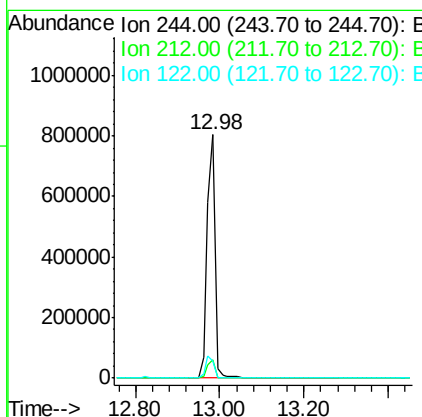
Manual Integrations
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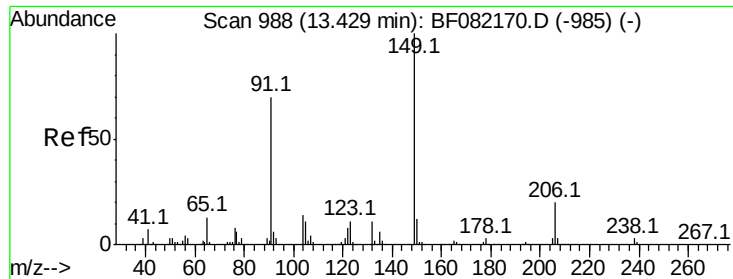
MMdadoda
10/15/2015 4:55:34 PM



#78
Terphenyl-d14
Concen: 76.91 ng
RT: 12.98 min Scan# 949
Delta R.T. 0.02 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	5.8	8.6
122	7.2	5.9	8.9





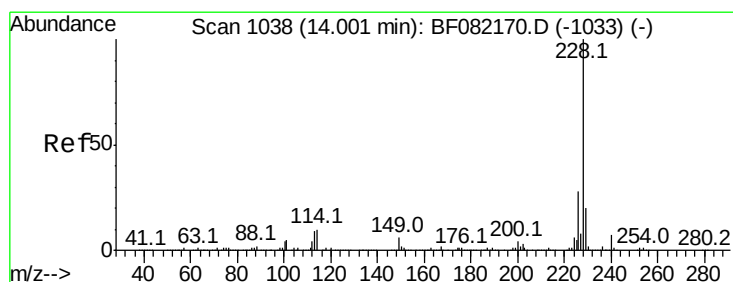
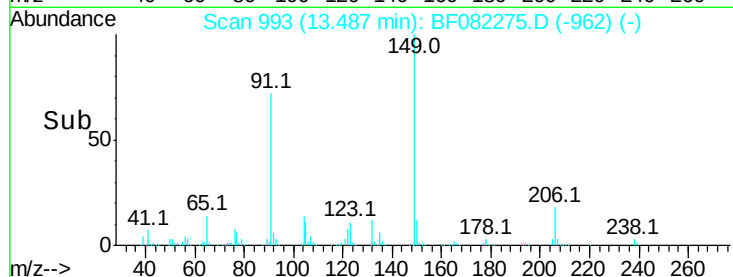
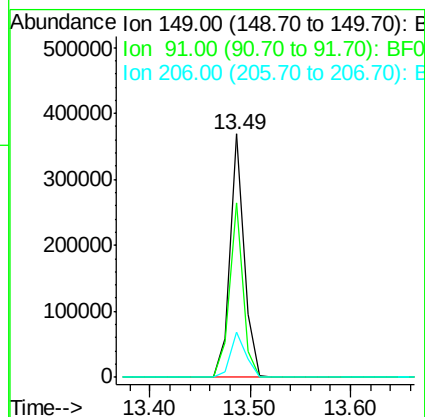
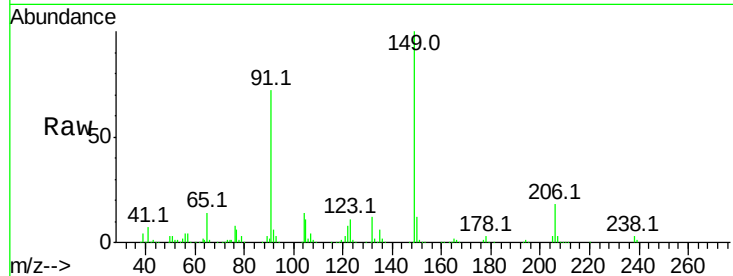
#79
Butylbenzylphthalate
Concen: 37.11 ng
RT: 13.49 min Scan# 993
Delta R.T. 0.06 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	71.6	55.7	83.5
206	18.4	15.6	23.4

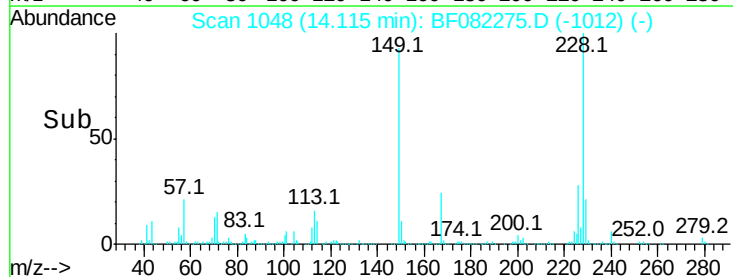
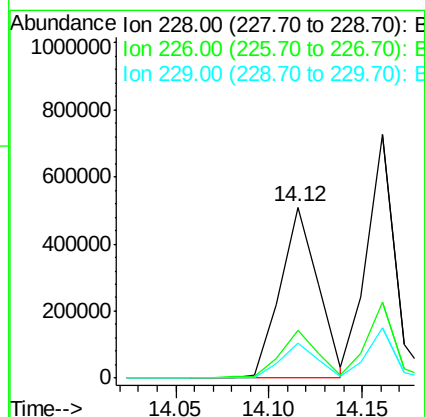
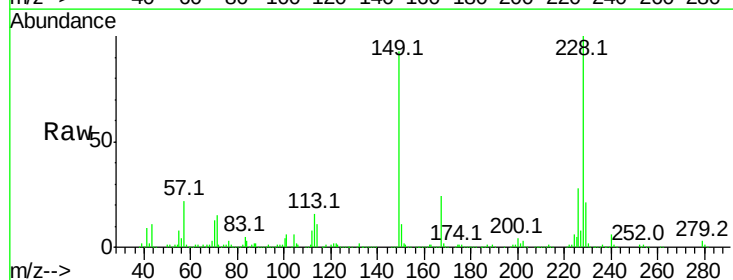
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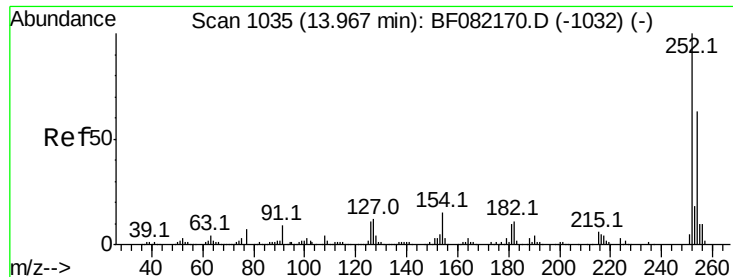
MMdadoda
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#80
Benzo(a)anthracene
Concen: 38.22 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.11 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.6	16.2	24.2





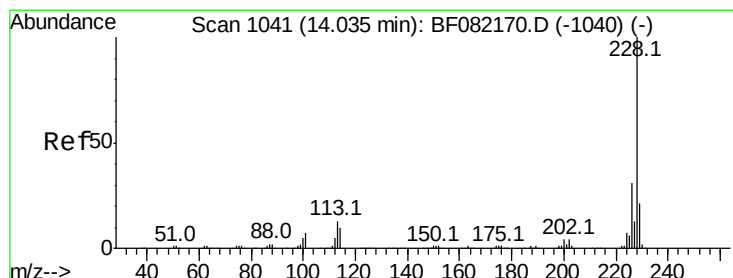
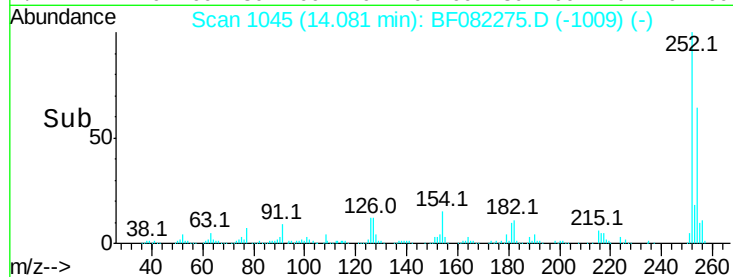
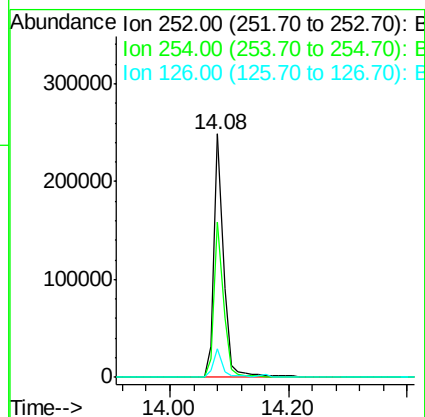
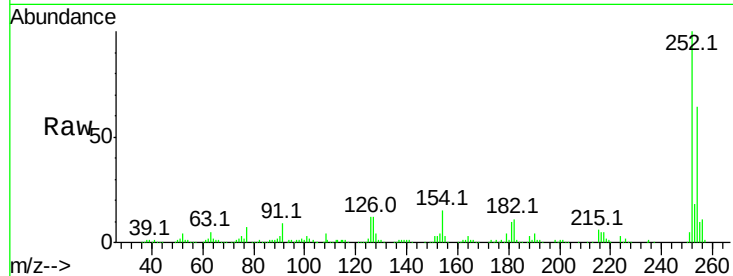
#81
 3,3'-Dichlorobenzidine
 Concen: 39.21 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.11 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	252	Resp:	280601
Ion Ratio	Lower	Upper	
252	100		
254	63.7	50.7	76.1
126	11.9	9.0	13.6

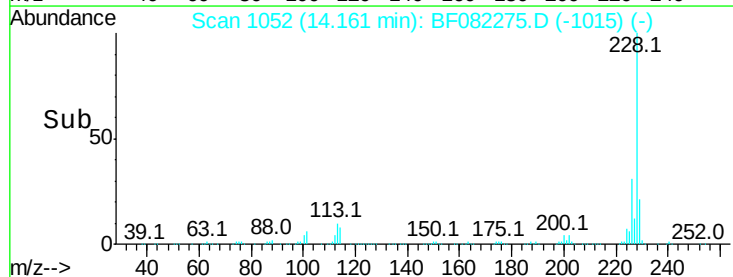
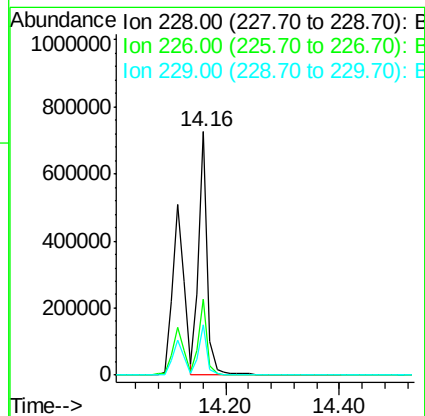
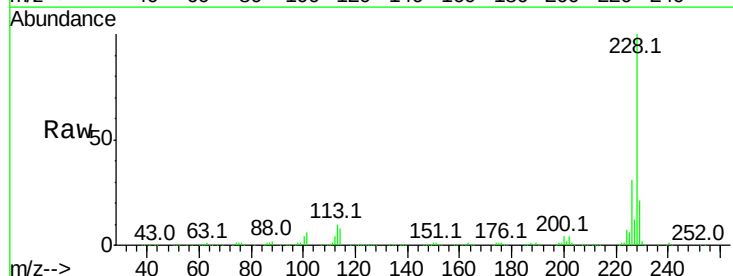
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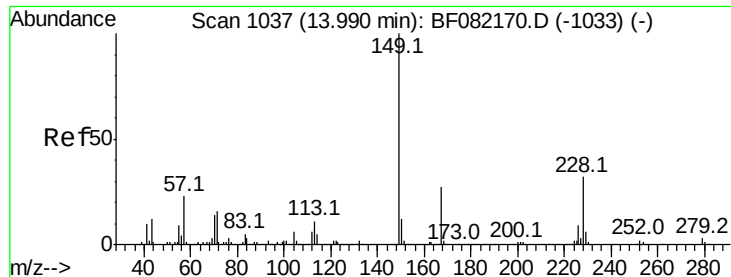
MMdadoda
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#82
 Chrysene
 Concen: 38.87 ng
 RT: 14.16 min Scan# 1052
 Delta R.T. 0.13 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion:	228	Resp:	772182
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.4	36.6
229	20.7	16.3	24.5





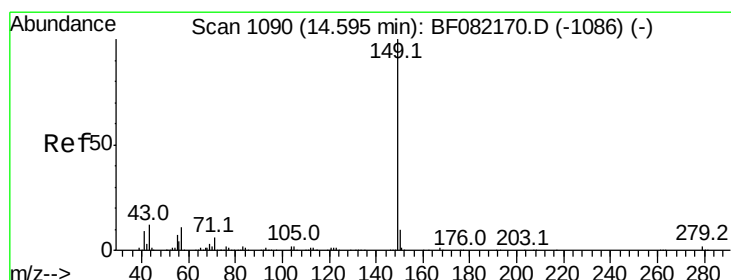
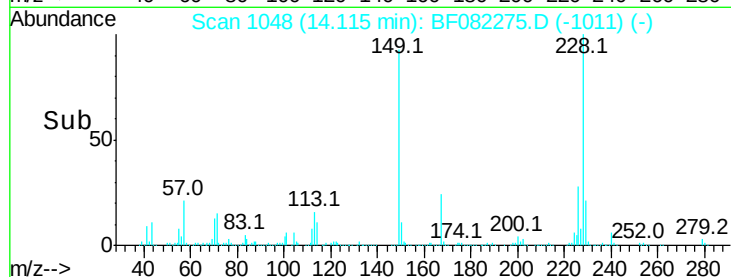
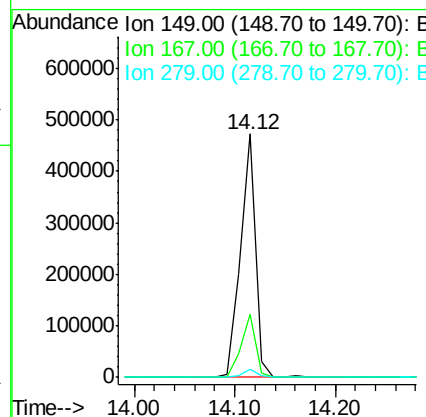
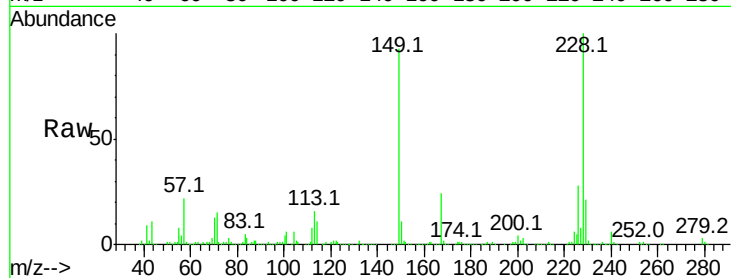
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.03 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. 0.13 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490438		
167	26.1	21.3	31.9	
279	3.4	2.6	4.0	

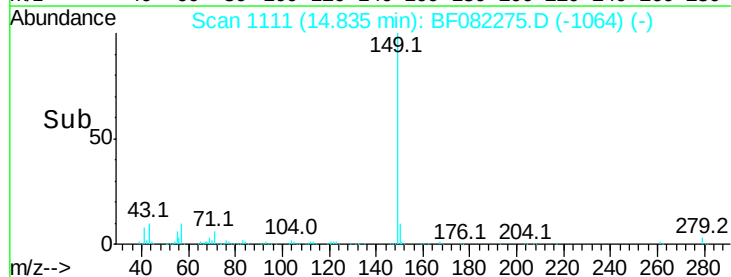
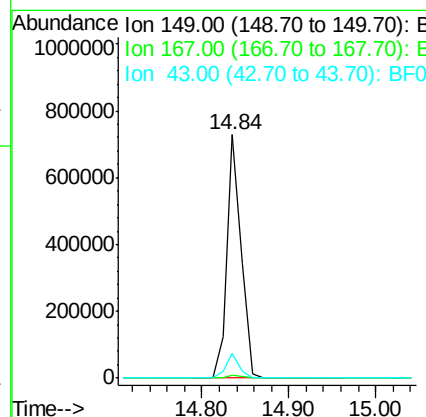
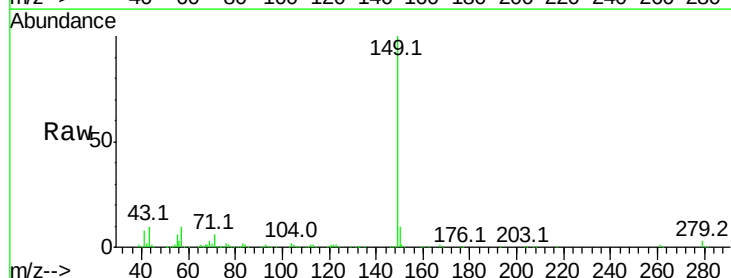
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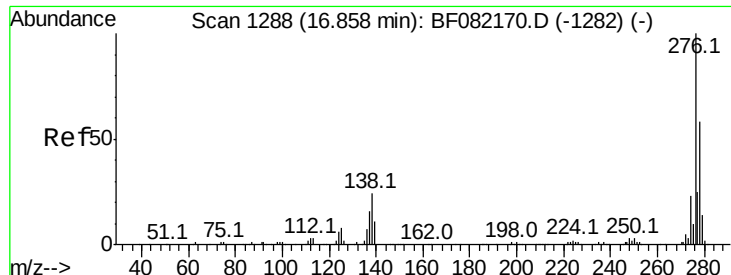
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 34.76 ng
 RT: 14.84 min Scan# 1111
 Delta R.T. 0.24 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835697		
167	1.5	1.3	1.9	
43	9.4	7.4	11.2	





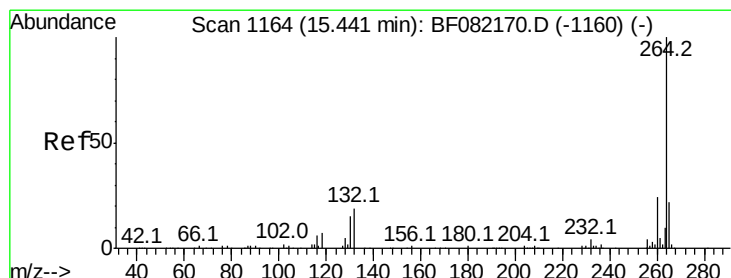
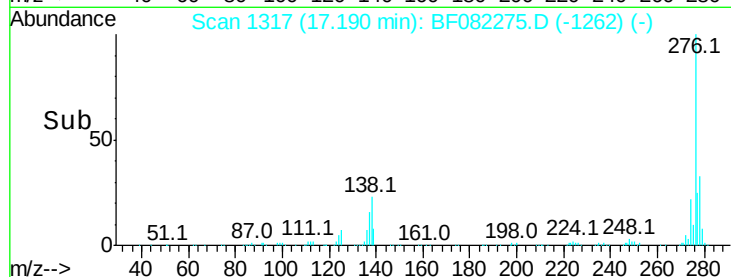
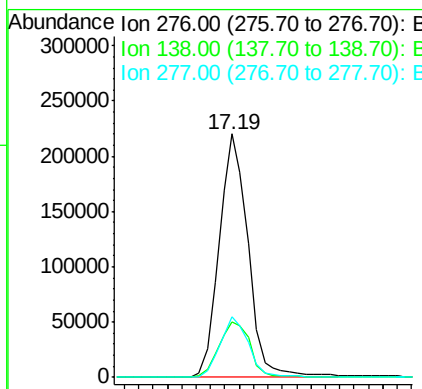
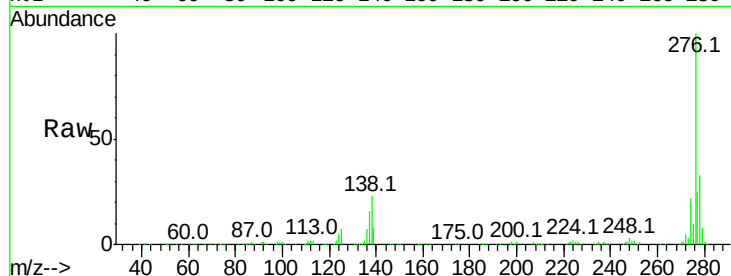
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.21 ng/ml
 RT: 17.19 min Scan# 1317
 Delta R.T. 0.33 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.7	29.5
277	24.1	20.1	30.1

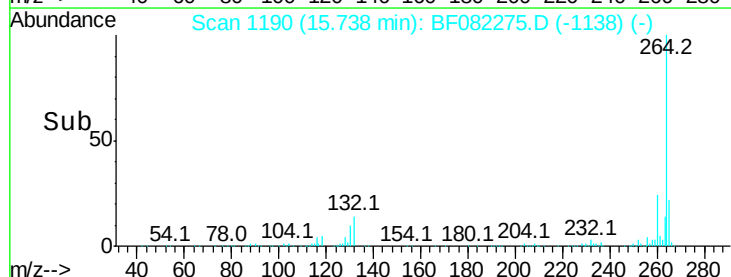
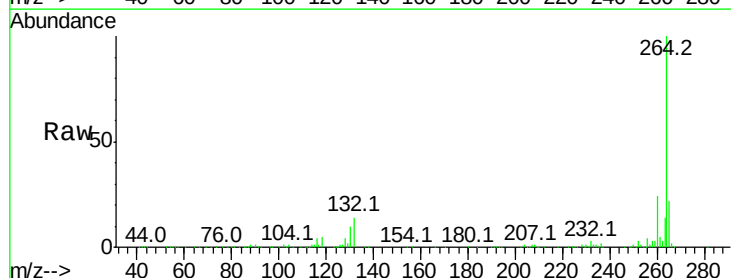
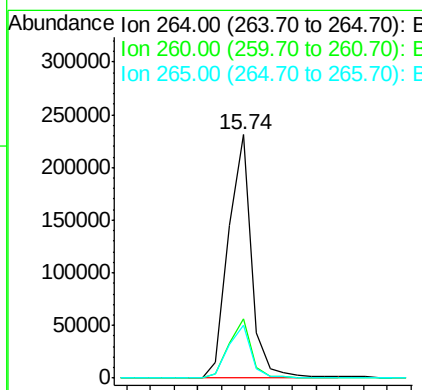
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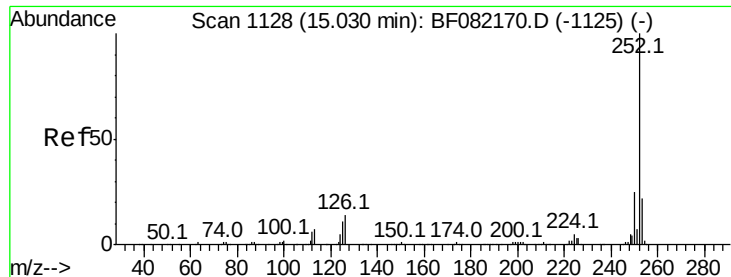
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.74 min Scan# 1190
 Delta R.T. 0.30 min
 Lab File: BF082275.D
 Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.98 ng

RT: 15.30 min Scan# 1152

Delta R.T. 0.27 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

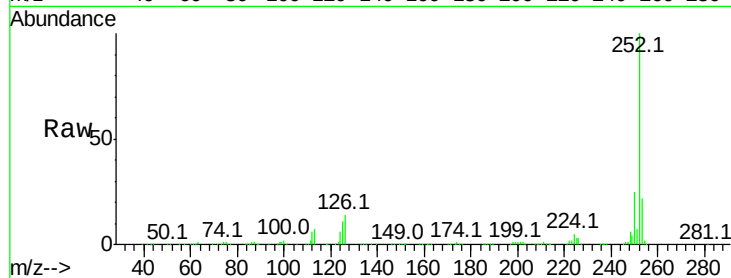
ClientSampleId :

SSTDCCC040

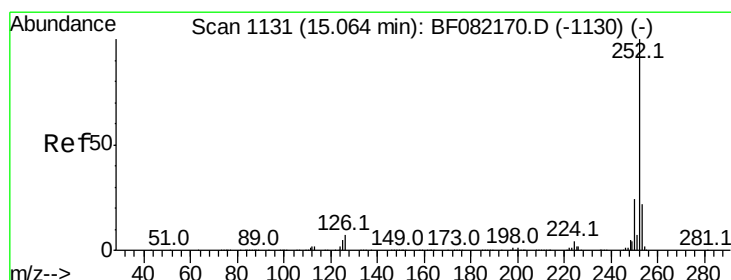
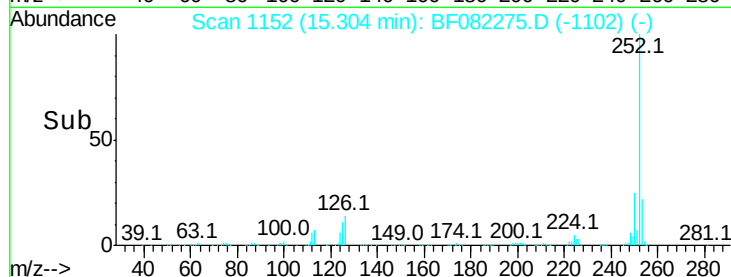
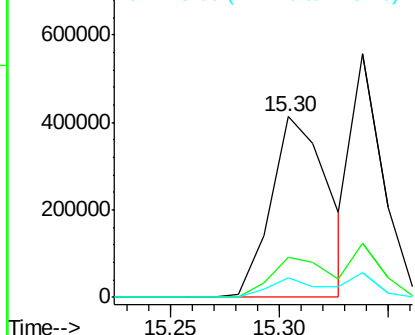
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.7	8.6	12.8

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



#88

Benzo(k)fluoranthene

Concen: 35.36 ng m

RT: 15.34 min Scan# 1155

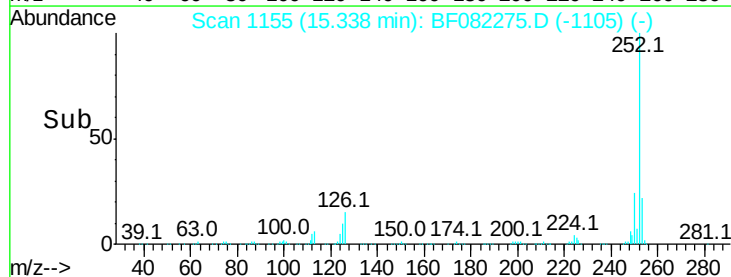
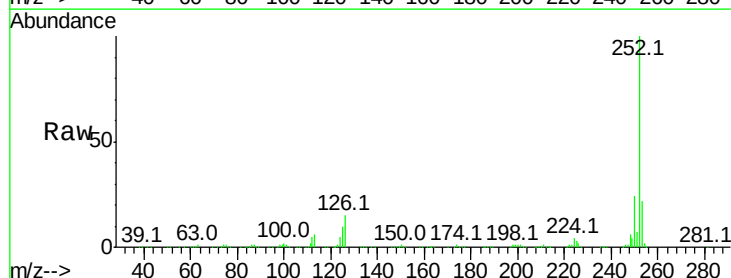
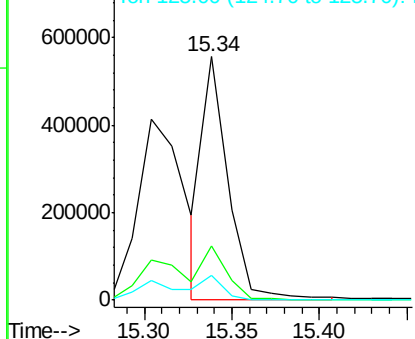
Delta R.T. 0.27 min

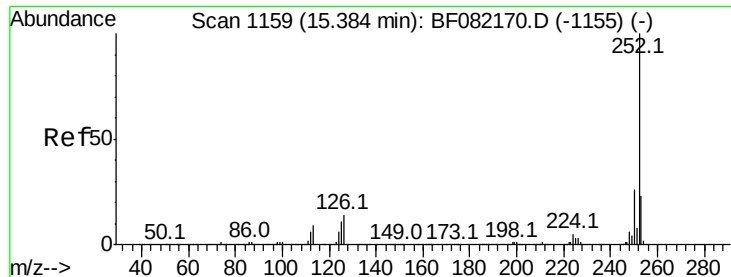
Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.1	6.7	10.1#

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





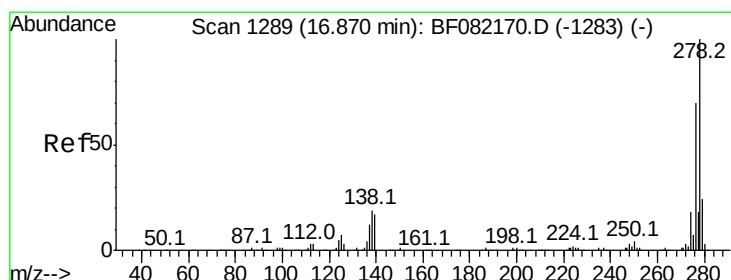
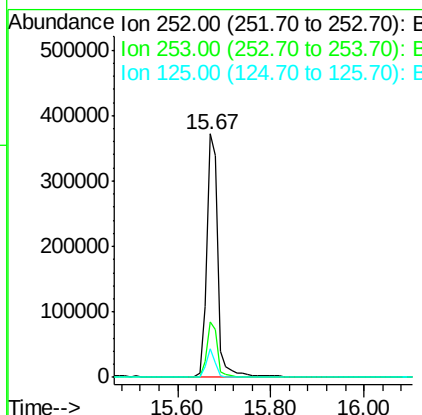
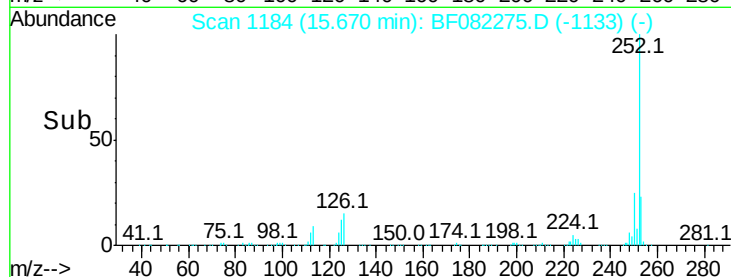
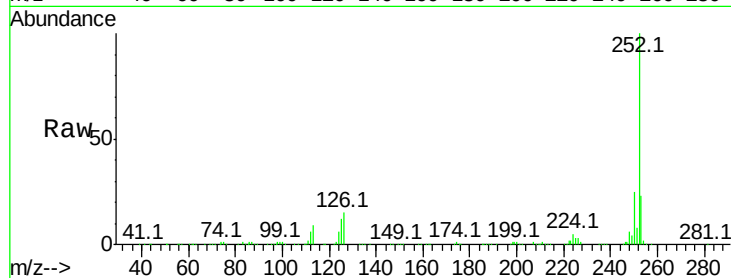
#89
Benzo(a)pyrene
Concen: 38.43 ng
RT: 15.67 min Scan# 1184
Delta R.T. 0.29 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	11.7	8.9	13.3

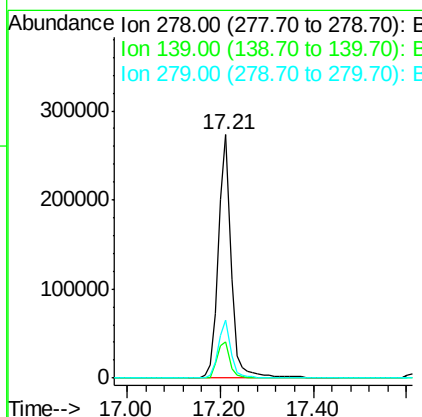
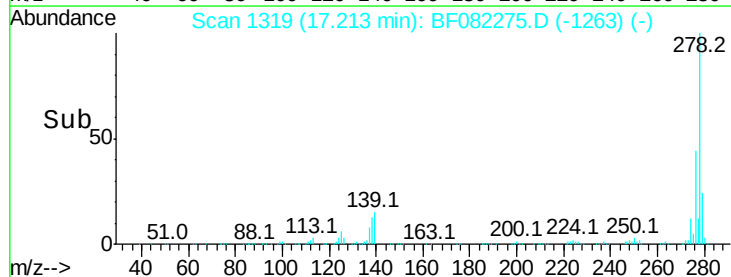
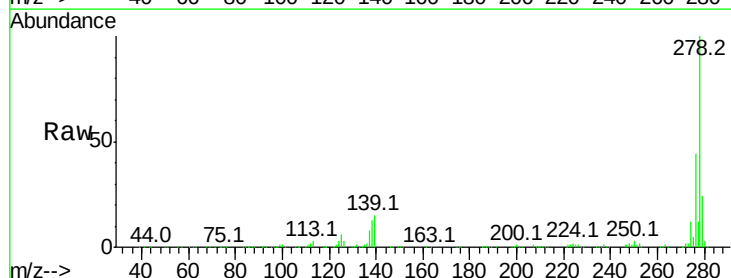
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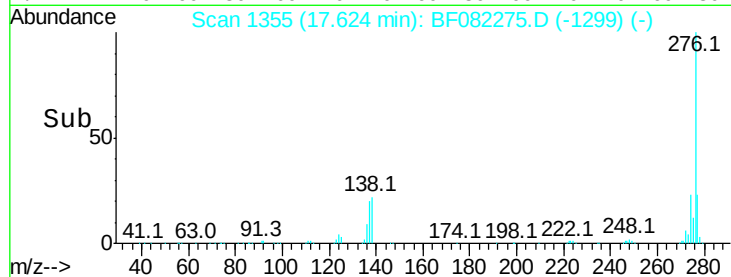
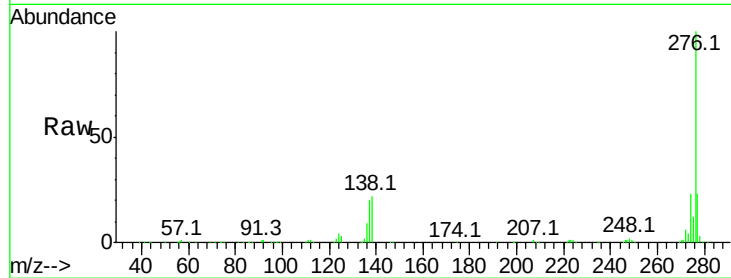
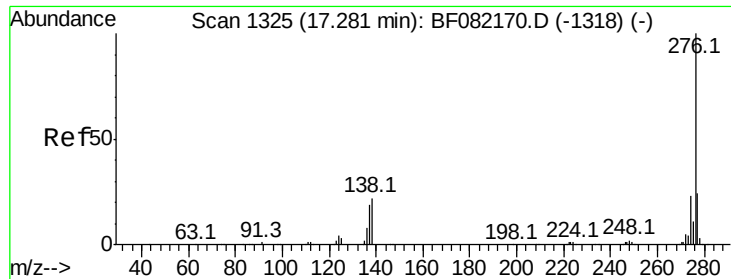
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 38.67 ng
RT: 17.21 min Scan# 1319
Delta R.T. 0.34 min
Lab File: BF082275.D
Acq: 14 Oct 2015 12:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.3	19.9
279	23.8	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 38.67 ng

RT: 17.62 min Scan# 1355

Delta R.T. 0.34 min

Lab File: BF082275.D

Acq: 14 Oct 2015 12:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	276	Resp:	503570
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.8	28.2
138	22.3	17.4	26.2

Manual Integrations
APPROVED

MMdadoda
10/15/2015 4:55:34 PM

