

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084901.D
 Acq On : 6 Feb 2016 10:22
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

UMANGI
 2/8/2016 3:03:37 PM

Quant Time: Feb 08 01:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	176243	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	728032	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	320794	20.00	ng	-0.03
63) Phenanthrene-d10	11.17	188	525863	20.00	ng	-0.03
75) Chrysene-d12	13.80	240	321618	20.00	ng	-0.03
86) Perylene-d12	15.17	264	347539	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	850904	75.20	ng	-0.03
7) Phenol-d6	6.32	99	1051027	74.93	ng	-0.02
23) Nitrobenzene-d5	7.24	82	1061637	82.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	234431	70.06	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	1781346	98.96	ng	-0.02
78) Terphenyl-d14	12.76	244	1190686	83.89	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	191747m	38.69	ng	
3) Pyridine	2.78	79	493735	38.23	ng	# 73
4) n-Nitrosodimethylamine	2.74	42	260491	39.00	ng	82
6) Aniline	6.33	93	698484	40.69	ng	# 79
8) 2-Chlorophenol	6.45	128	507952	39.66	ng	90
9) Benzaldehyde	6.20	77	313998	37.91	ng	95
10) Phenol	6.33	94	538883	34.29	ng	# 50
11) bis(2-Chloroethyl)ether	6.41	93	498774	40.70	ng	85
12) 1,3-Dichlorobenzene	6.60	146	564361	41.71	ng	97
13) 1,4-Dichlorobenzene	6.68	146	577867	42.72	ng	94
14) 1,2-Dichlorobenzene	6.83	146	455535	36.16	ng	96
15) Benzyl Alcohol	6.82	79	377149	38.94	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	809627	39.28	ng	89
17) 2-Methylphenol	6.94	107	415811	41.05	ng	# 91
18) Hexachloroethane	7.17	117	210304	40.37	ng	97
19) n-Nitroso-di-n-propylamine	7.09	70	324832	36.94	ng	# 75
20) 3+4-Methylphenols	7.09	107	496756	39.51	ng	# 74
22) Acetophenone	7.08	105	712275	37.12	ng	# 99
24) Nitrobenzene	7.25	77	470588	34.00	ng	94
25) Isophorone	7.50	82	943541	37.55	ng	95
26) 2-Nitrophenol	7.57	139	286732	42.01	ng	# 90
27) 2,4-Dimethylphenol	7.62	122	434569	36.60	ng	95
28) bis(2-Chloroethoxy)methane	7.71	93	528487	35.45	ng	100
29) 2,4-Dichlorophenol	7.82	162	384708	37.87	ng	91
30) 1,2,4-Trichlorobenzene	7.89	180	413186	36.01	ng	96
31) Naphthalene	7.97	128	1379496	37.78	ng	99
32) Benzoic acid	7.77	122	251755	33.15	ng	94
33) 4-Chloroaniline	8.03	127	549440	36.38	ng	98
34) Hexachlorobutadiene	8.10	225	251201	37.97	ng	97
35) Caprolactam	8.42	113	116614	37.24	ng	# 51
36) 4-Chloro-3-methylphenol	8.52	107	400742	34.58	ng	95
37) 2-Methylnaphthalene	8.66	142	805264	35.23	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	406165	39.87	ng	99
40) Hexachlorocyclopentadiene	8.82	237	93270	28.73	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
 Data File : BF084901.D
 Acq On : 6 Feb 2016 10:22
 Operator : SJ/IZ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040EC

Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	241741	36.83	nq	96
43) 2,4,5-Trichlorophenol	8.99	196	256967	38.53	nq #	88
45) 1,1'-Biphenyl	9.13	154	1041805	36.36	nq	100
46) 2-Chloronaphthalene	9.15	162	813556	38.56	nq	94
47) 2-Nitroaniline	9.25	65	260396	38.97	nq	94
48) Acenaphthylene	9.56	152	1210314	37.80	nq	97
49) Dimethylphthalate	9.44	163	905703	37.07	nq #	90
50) 2,6-Dinitrotoluene	9.50	165	208441	39.05	nq #	83
51) Acenaphthene	9.73	154	749734	35.99	nq	97
52) 3-Nitroaniline	9.66	138	209423	34.92	nq	92
53) 2,4-Dinitrophenol	9.78	184	44171	22.43	nq	86
54) Dibenzofuran	9.90	168	938285	36.85	nq	94
55) 4-Nitrophenol	9.85	139	148262	33.63	nq	88
56) 2,4-Dinitrotoluene	9.90	165	276070	40.55	nq	90
57) Fluorene	10.25	166	820970	38.61	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	203709	40.12	nq	89
59) Diethylphthalate	10.13	149	887046	37.18	nq	100
60) 4-Chlorophenyl-phenylether	10.25	204	404056	45.28	nq	88
61) 4-Nitroaniline	10.28	138	237460	40.63	nq #	80
62) Azobenzene	10.40	77	850088	37.06	nq	85
64) 4,6-Dinitro-2-methylphenol	10.30	198	86759	26.73	nq #	63
65) n-Nitrosodiphenylamine	10.36	169	663702	39.75	nq	98
66) 4-Bromophenyl-phenylether	10.73	248	233722	40.24	nq #	79
67) Hexachlorobenzene	10.80	284	262476	41.47	nq #	89
68) Atrazine	10.90	200	242978	46.08	nq	98
69) Pentachlorophenol	10.99	266	122941	41.33	nq	98
70) Phenanthrene	11.20	178	1115617	38.25	nq	99
71) Anthracene	11.25	178	1151201	39.17	nq	99
72) Carbazole	11.41	167	976177	38.09	nq	99
73) Di-n-butylphthalate	11.76	149	1413170	43.31	nq #	98
74) Fluoranthene	12.39	202	1054604	35.73	nq	97
76) Benzidine	12.51	184	504275	45.44	nq	99
77) Pyrene	12.61	202	1046529	42.50	nq	100
79) Butylbenzylphthalate	13.24	149	487479	43.64	nq	97
80) Benzo(a)anthracene	13.79	228	832421	41.70	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	327311	46.31	nq #	98
82) Chrysene	13.84	228	821372	42.43	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	607324	43.69	nq	99
84) Di-n-octyl phthalate	14.42	149	1043200	45.49	nq #	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	799775	52.49	nq	99
87) Benzo(b)fluoranthene	14.80	252	1018650m	43.62	nq	
88) Benzo(k)fluoranthene	14.83	252	533850m	27.65	nq	
89) Benzo(a)pyrene	15.12	252	762037	38.30	nq #	96
90) Dibenzo(a,h)anthracene	16.47	278	670702	40.05	nq	98
91) Benzo(g,h,i)perylene	16.83	276	657543	38.97	nq	100

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

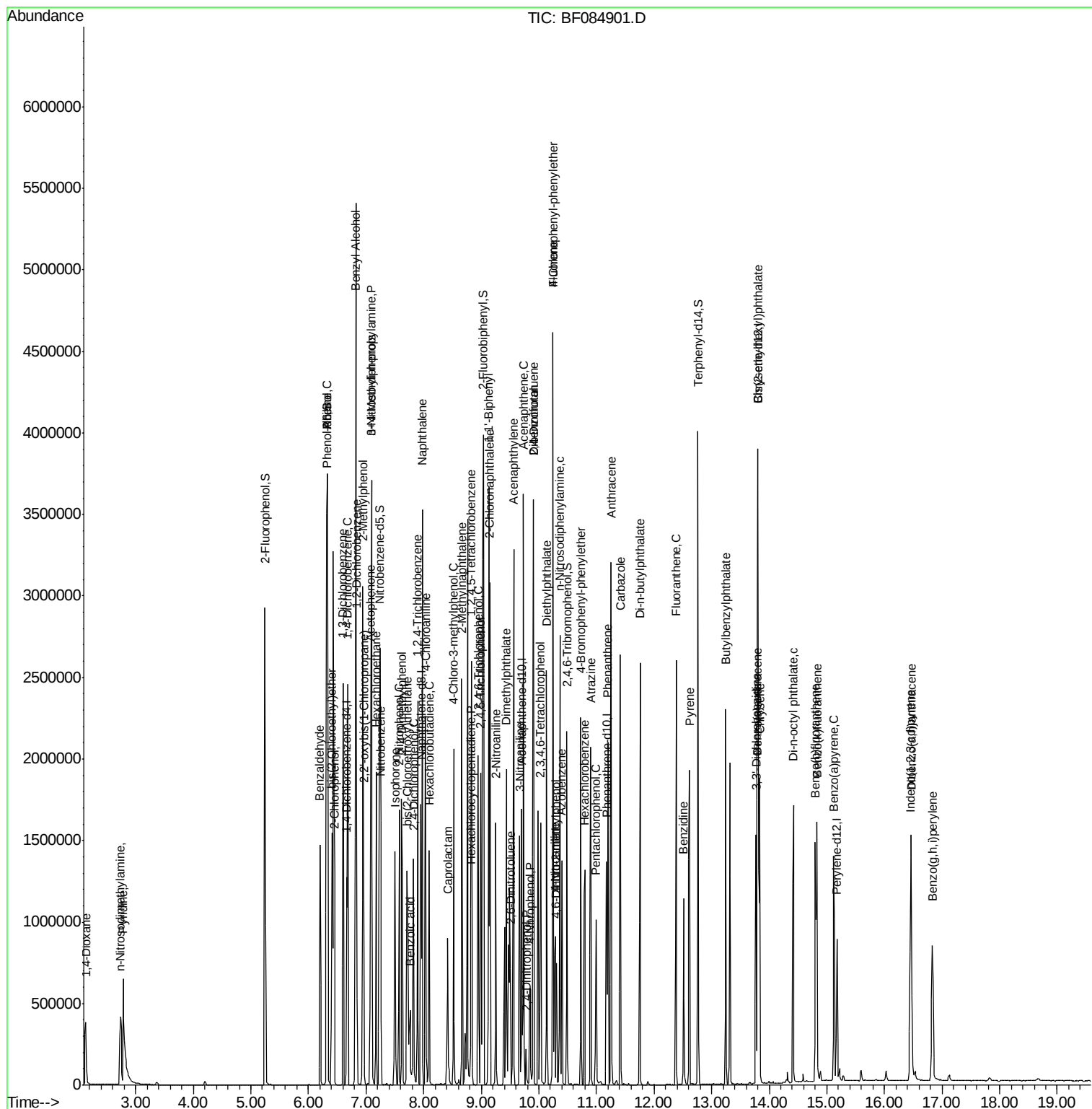
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\  
Data File : BF084901.D  
Acq On    : 6 Feb 2016 10:22  
Operator  : SJ/IZ  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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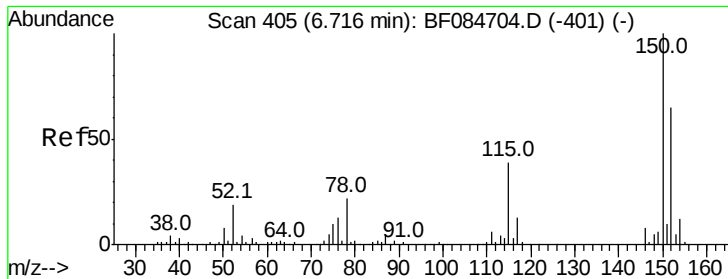
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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#1

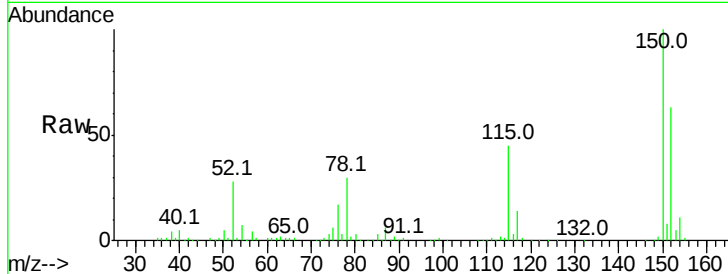
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.0	184.4
115	72.0	51.4	77.2

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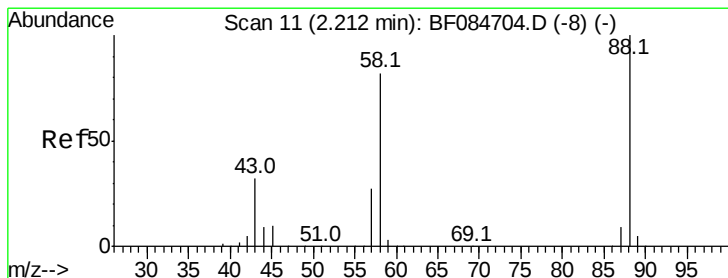
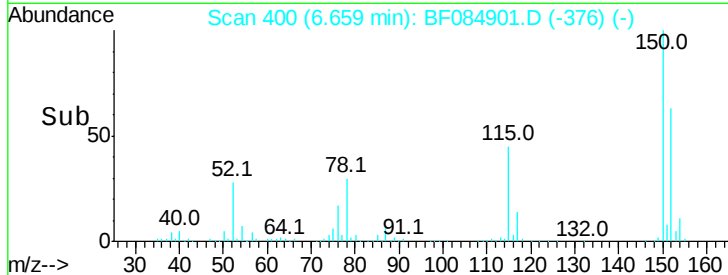
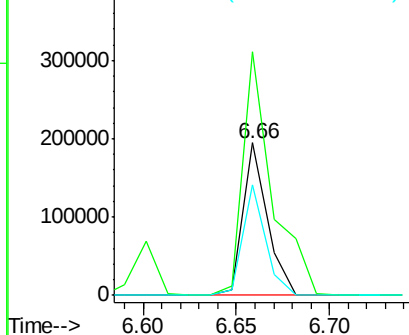


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

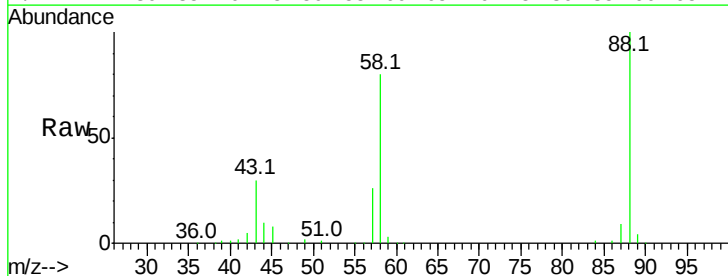
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.69 ng m
RT: 2.13 min Scan# 4
Delta R.T. -0.05 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.2	76.8#
43	0.0	19.5	29.3#

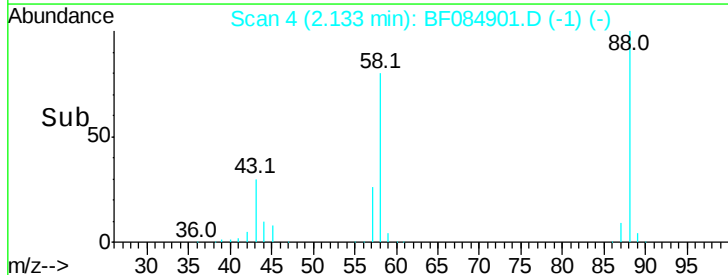
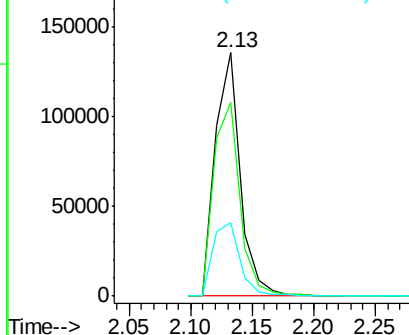


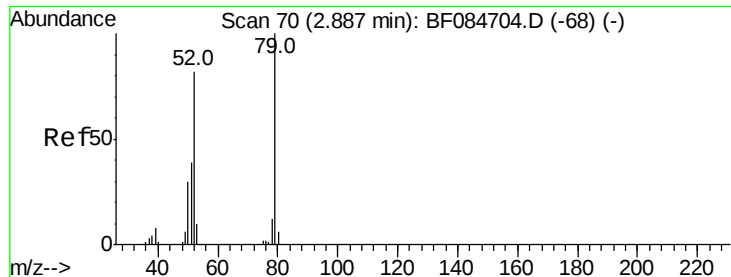
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.23 ng

RT: 2.78 min Scan# 61

Delta R.T. -0.06 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 79 Resp: 493735

Ion Ratio Lower Upper

79 100

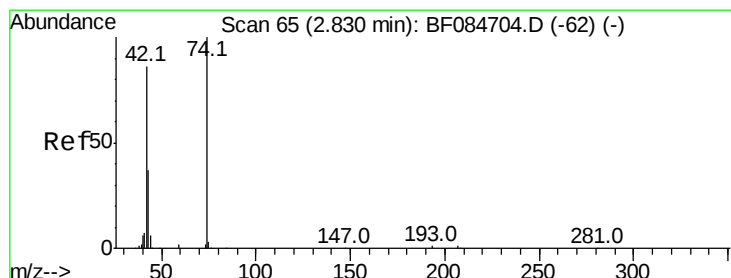
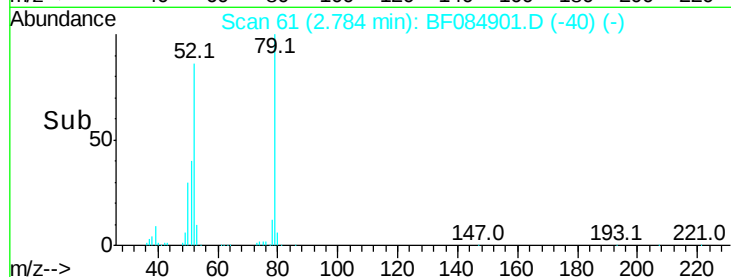
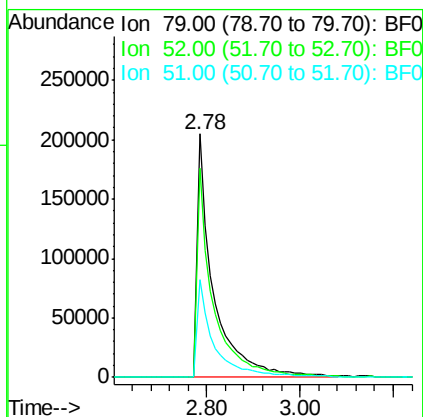
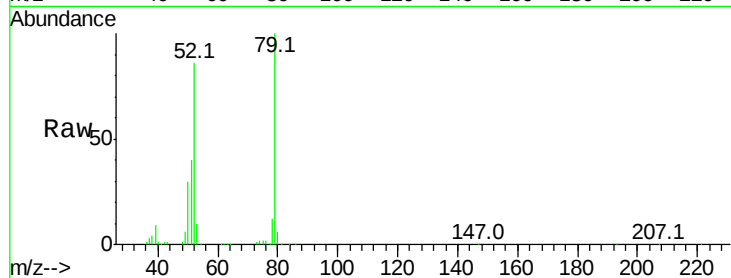
52 85.9 49.0 73.4#

51 40.2 25.2 37.8#

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#4

n-Nitrosodimethylamine

Concen: 39.00 ng

RT: 2.74 min Scan# 57

Delta R.T. -0.06 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

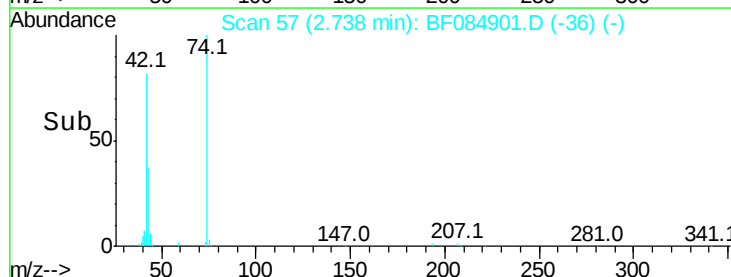
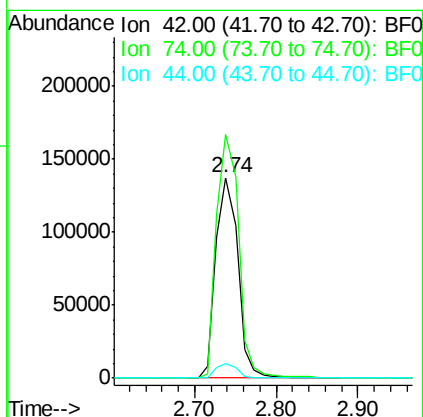
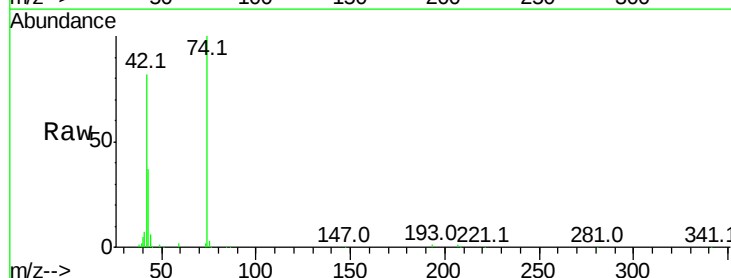
Tgt Ion: 42 Resp: 260491

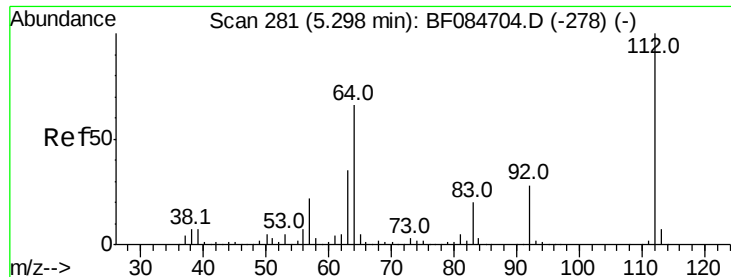
Ion Ratio Lower Upper

42 100

74 121.4 115.7 173.5

44 6.9 5.1 7.7





#5

2-Fluorophenol

Concen: 75.20 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

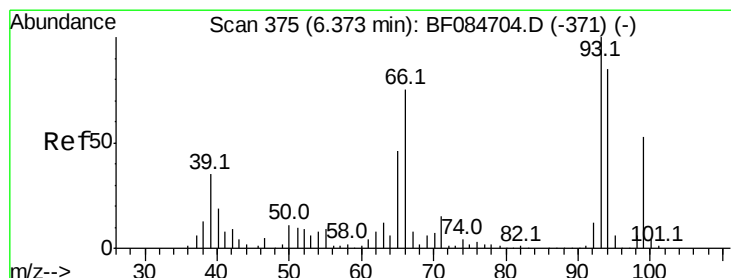
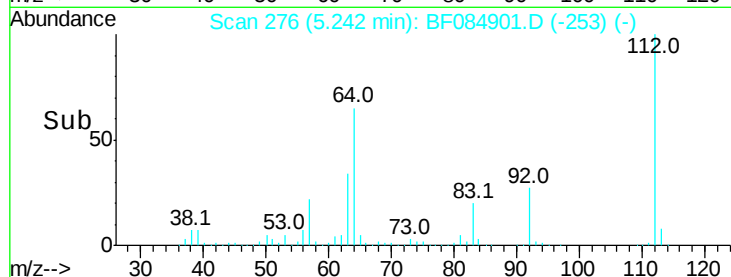
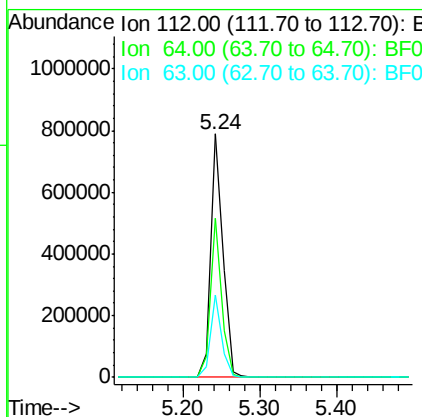
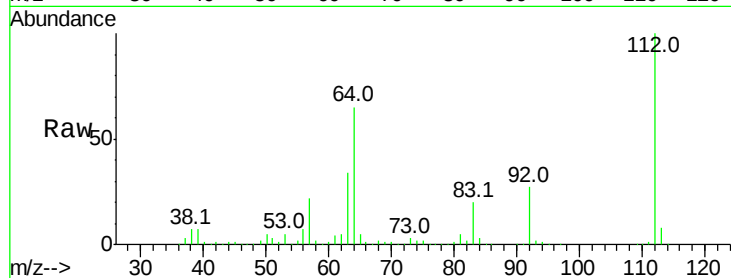
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	850904
Ion Ratio	Lower	Upper	
112	100		
64	65.5	36.6	55.0#
63	34.0	19.4	29.0#

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#6

Aniline

Concen: 40.69 ng

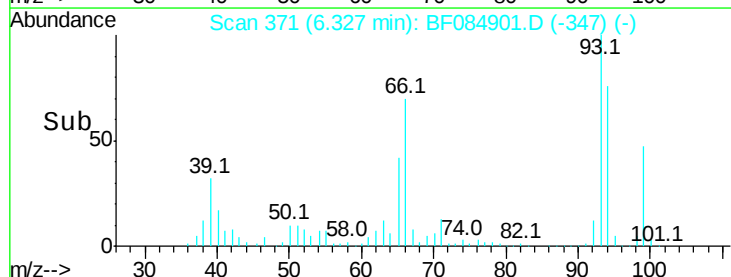
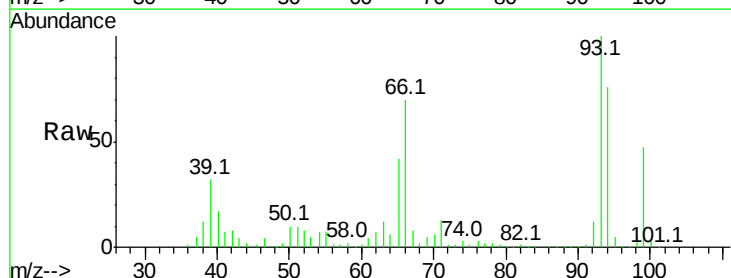
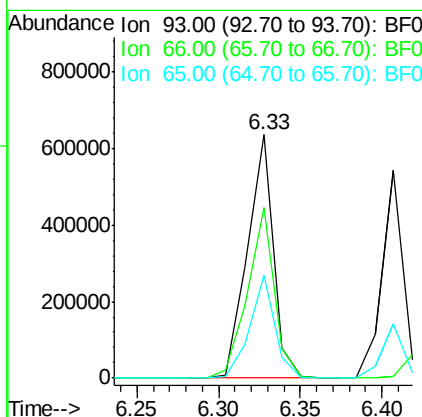
RT: 6.33 min Scan# 371

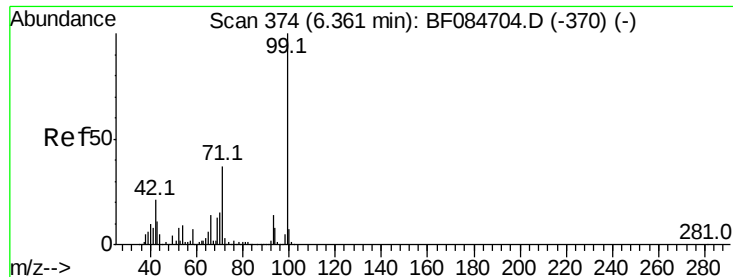
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	93	Resp:	698484
Ion Ratio	Lower	Upper	
93	100		
66	69.9	44.9	67.3#
65	42.5	23.7	35.5#





#7

Phenol-d6

Concen: 74.93 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1051027

Ion Ratio Lower Upper

99 100

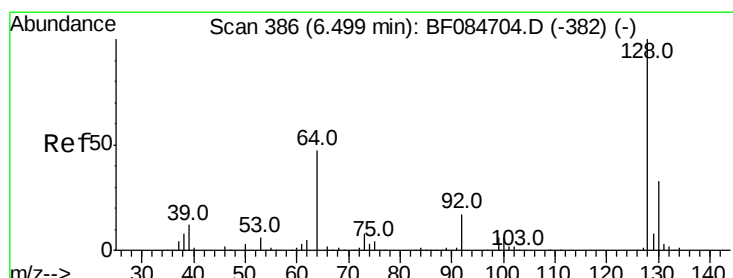
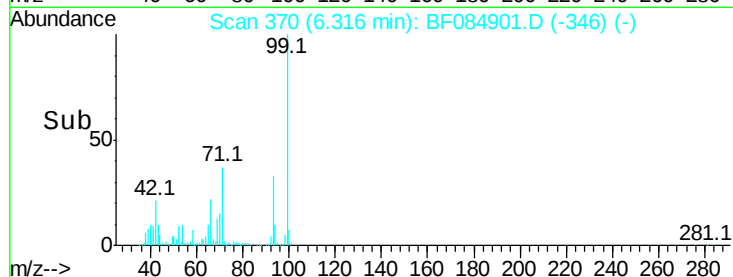
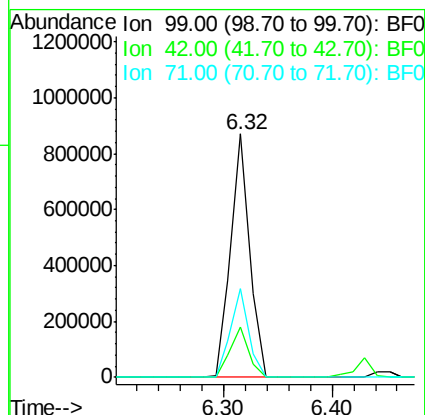
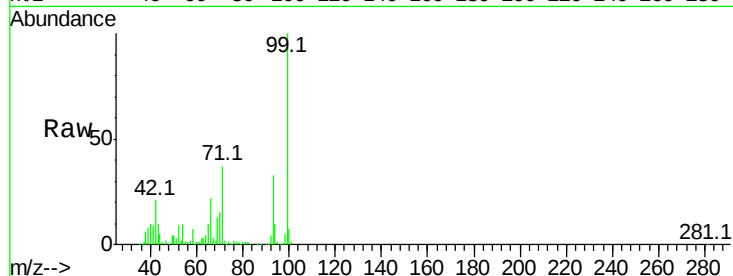
42 20.7 12.8 19.2#

71 36.7 30.9 46.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.66 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

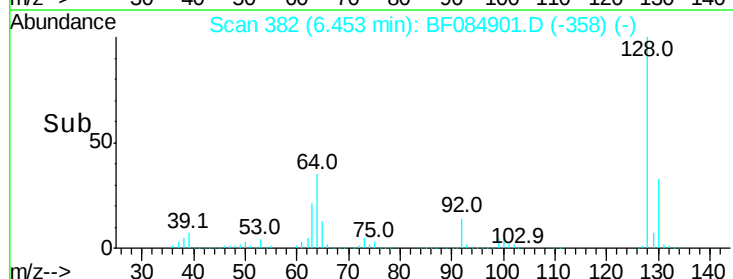
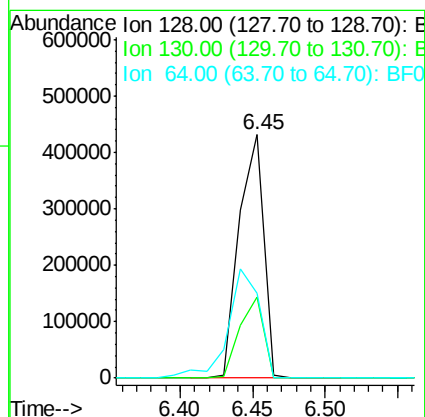
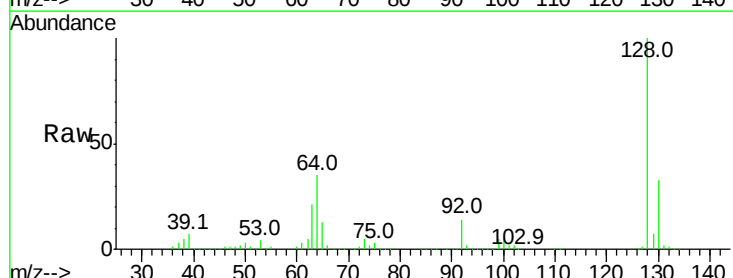
Tgt Ion: 128 Resp: 507952

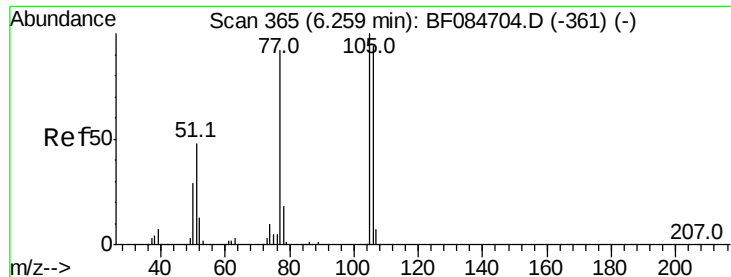
Ion Ratio Lower Upper

128 100

130 33.5 11.6 51.6

64 34.7 23.8 63.8





#9

Benzaldehyde

Concen: 37.91 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

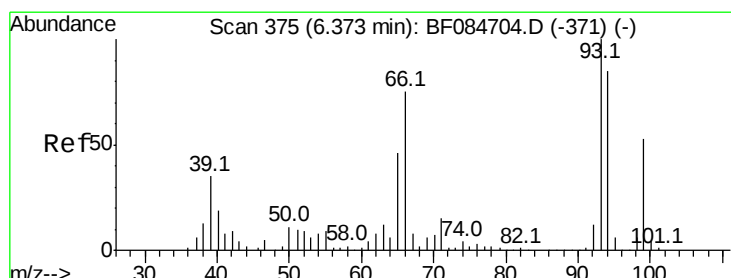
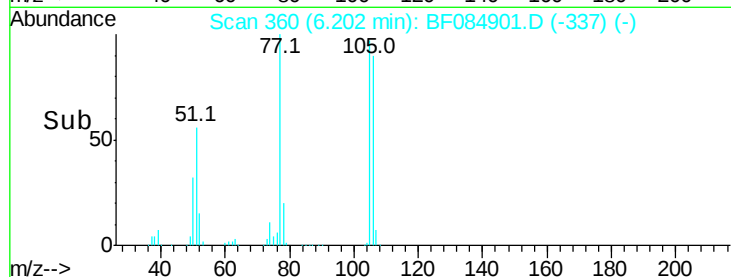
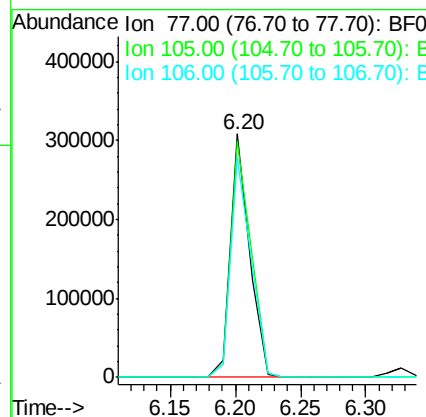
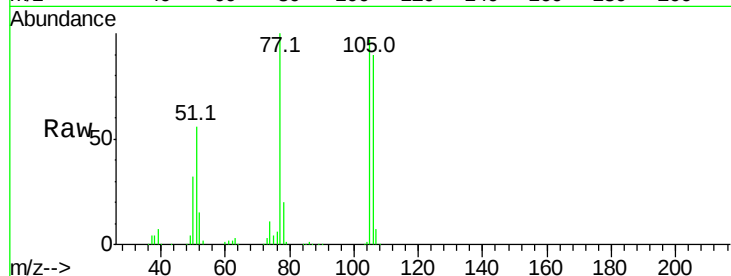
SSTDCCC040EC

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Tot Ion:	77	Resp:	313998
Ion	Ratio	Lower	Upper
77	100		
105	96.7	83.0	123.0
106	90.3	74.6	114.6



#10

Phenol

Concen: 34.29 ng

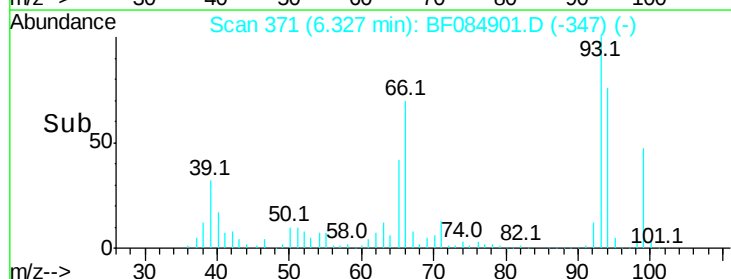
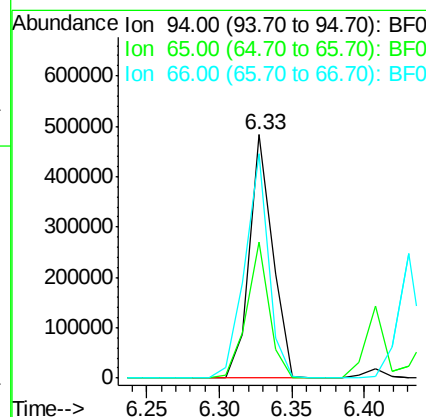
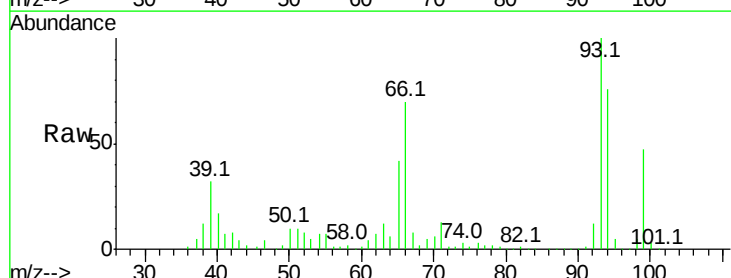
RT: 6.33 min Scan# 371

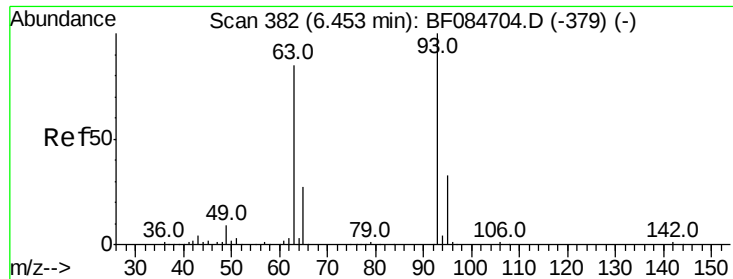
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	94	Resp:	538883
Ion	Ratio	Lower	Upper
94	100		
65	55.9	12.9	52.9#
66	92.1	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 40.70 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

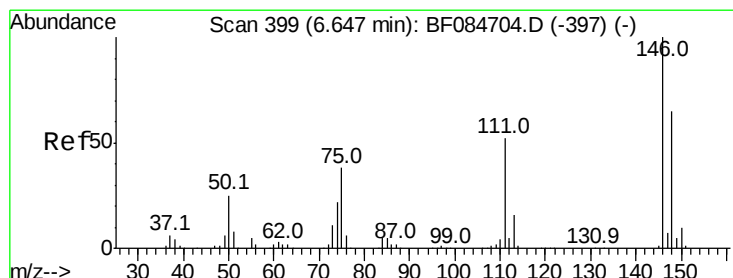
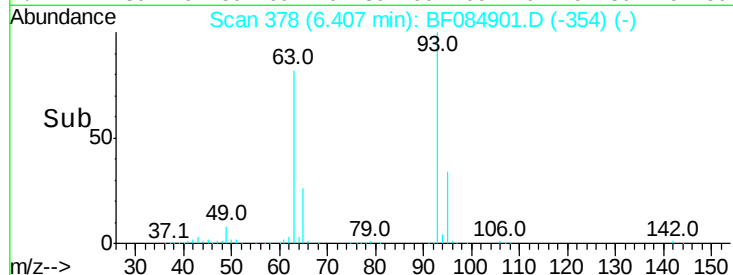
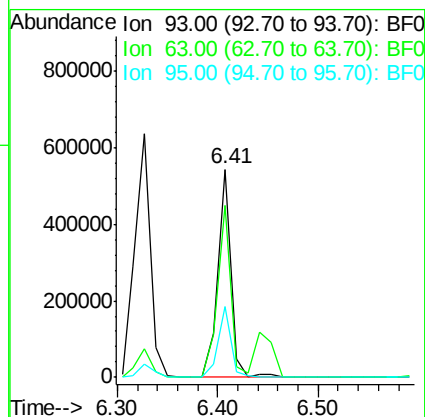
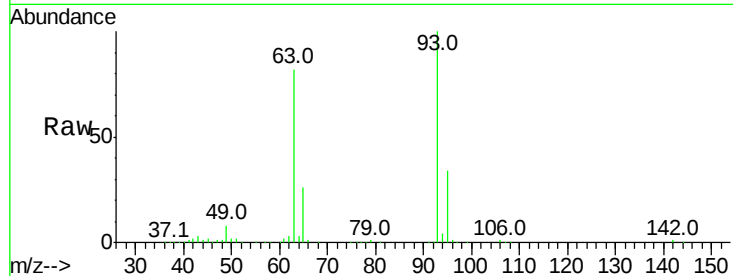
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	498774
Ion Ratio	Lower	Upper	
93	100		
63	82.5	45.9	85.9
95	34.0	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 41.71 ng

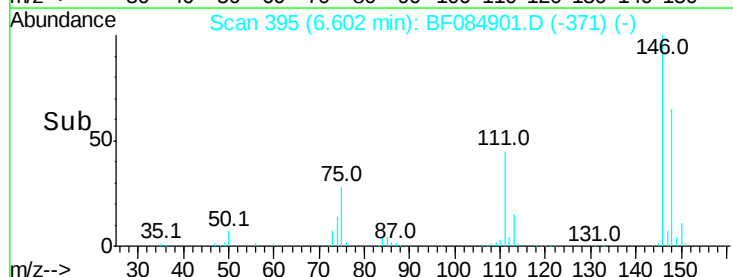
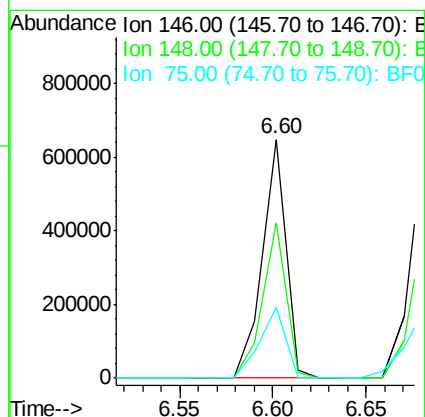
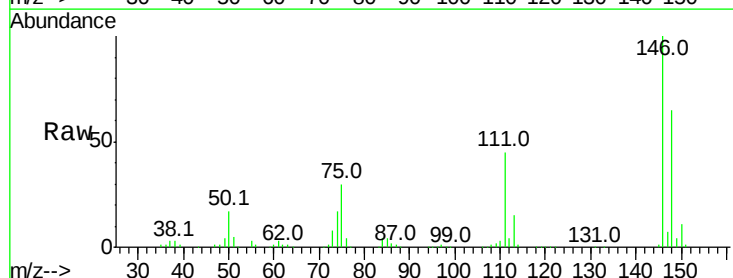
RT: 6.60 min Scan# 395

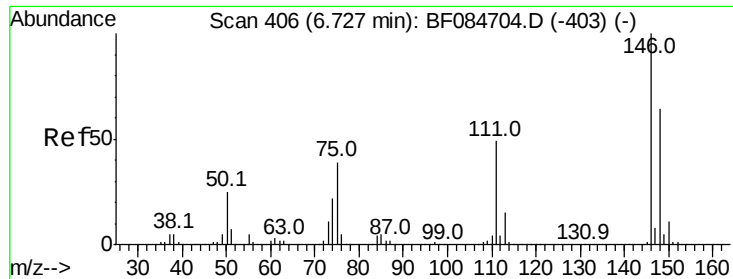
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	146	Resp:	564361
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
75	29.8	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 42.72 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

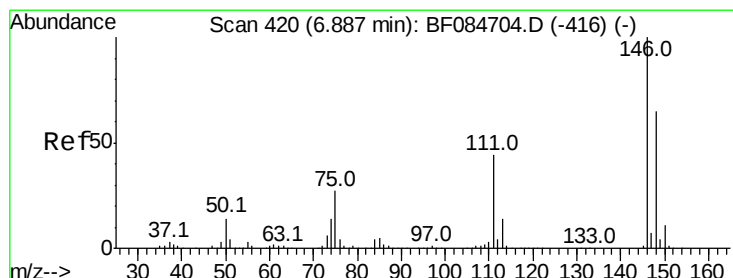
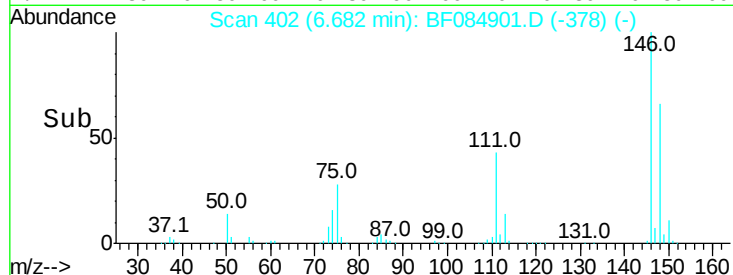
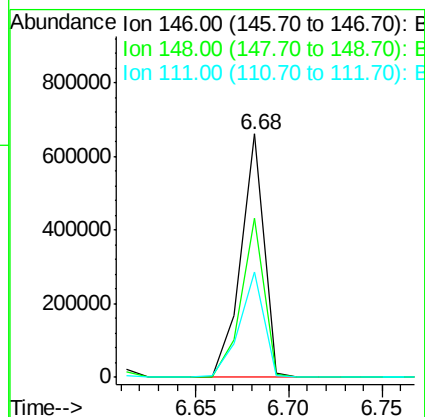
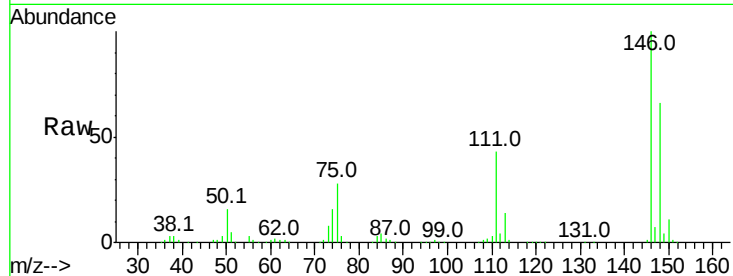
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	577867
Ion Ratio	Lower	Upper	
146	100		
148	65.5	51.9	77.9
111	43.1	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 36.16 ng

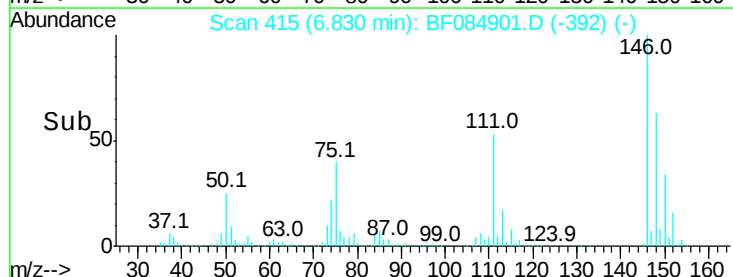
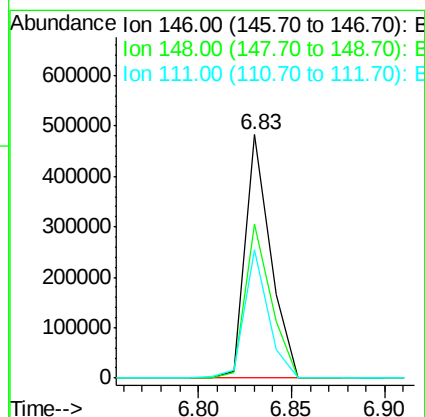
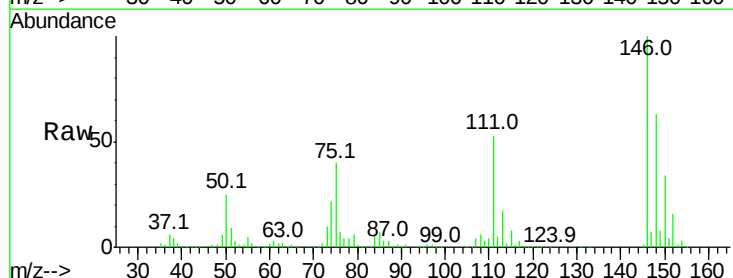
RT: 6.83 min Scan# 415

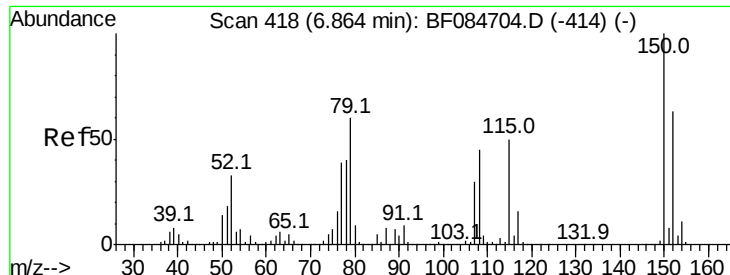
Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	146	Resp:	455535
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	52.7	38.0	57.0





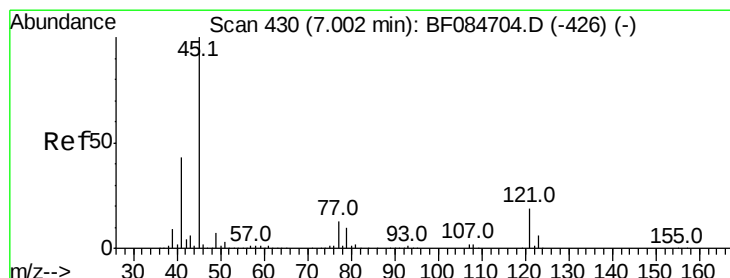
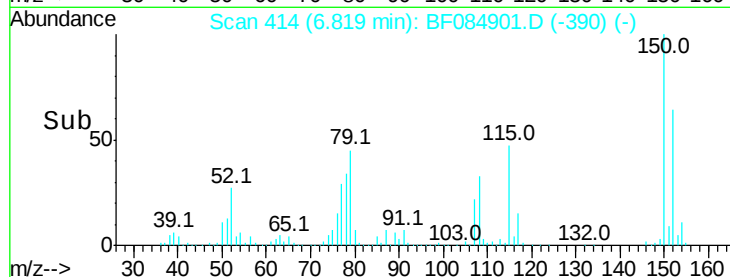
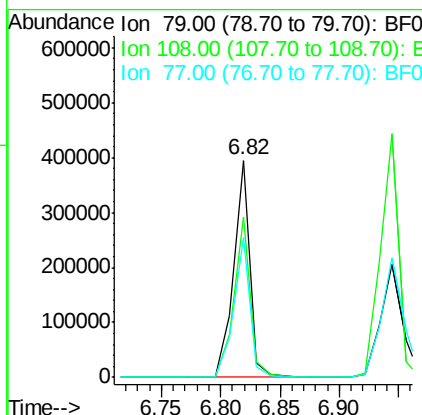
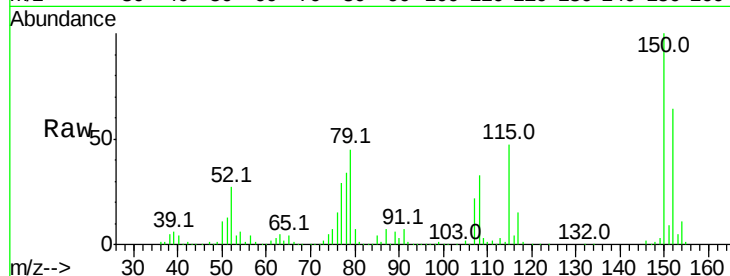
#15
Benzyl Alcohol
Concen: 38.94 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	74.2	69.0	103.4	
77	64.7	50.0	75.0	

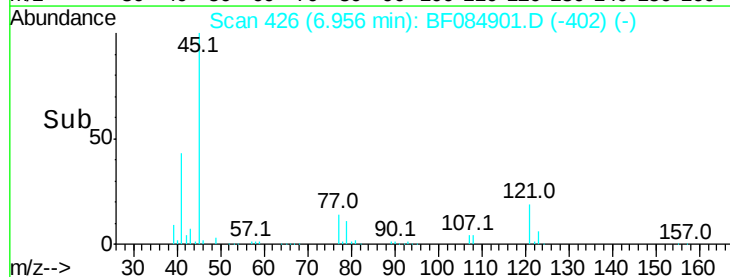
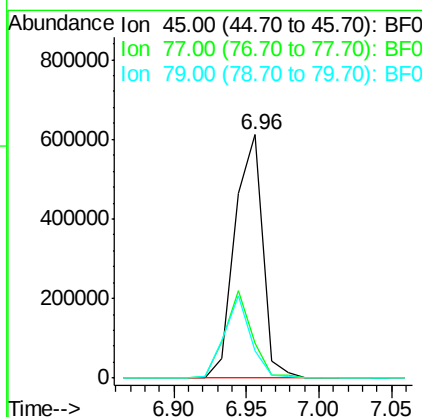
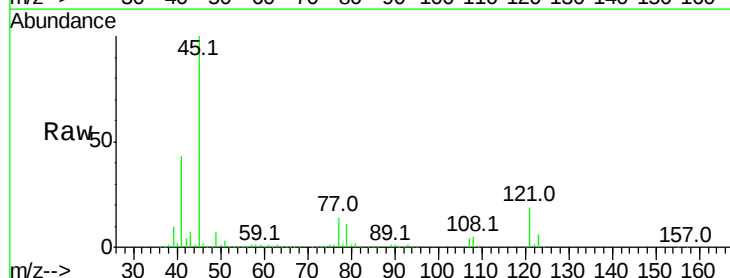
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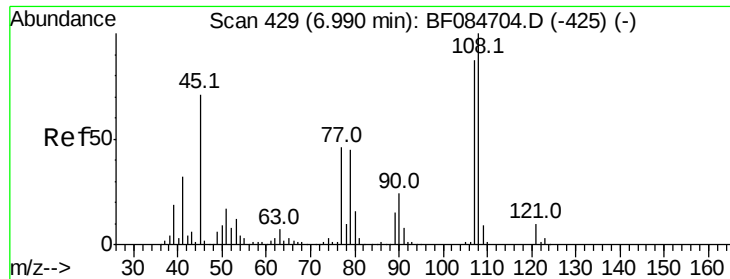
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.28 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.1	0.0	39.6	
79	11.3	0.0	35.0	





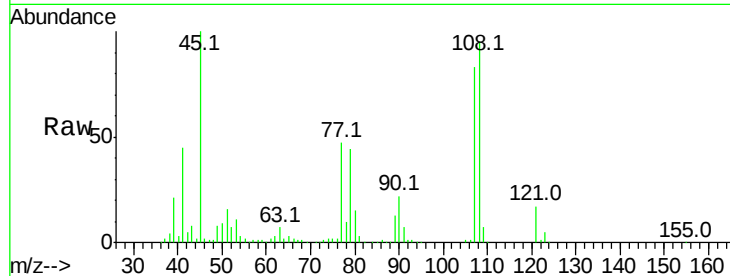
#17
2-Methylphenol
Concen: 41.05 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	415811		
108	115.3	89.8	134.6	
77	56.8	35.7	53.5#	
79	53.5	35.7	53.5#	

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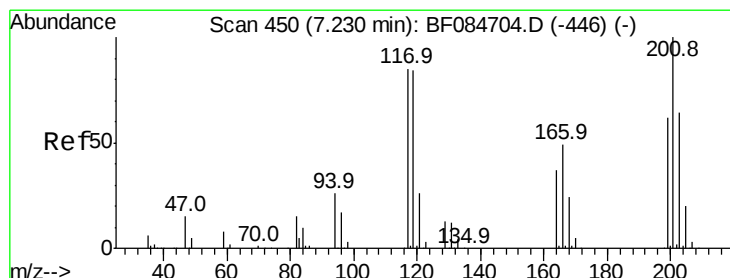
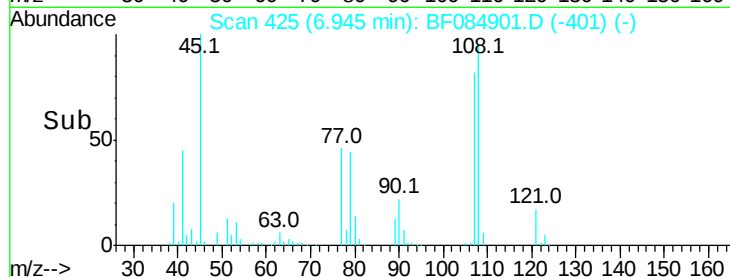
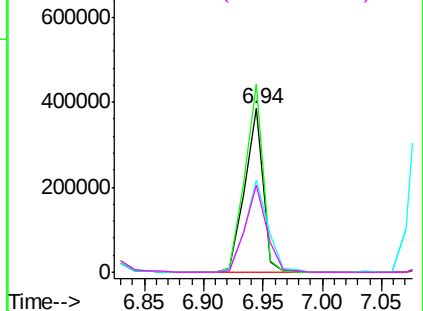
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

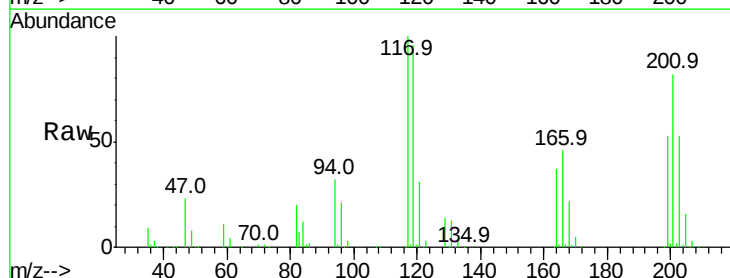
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.37 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	210304		
119	95.5	77.4	116.0	
201	81.5	68.6	103.0	

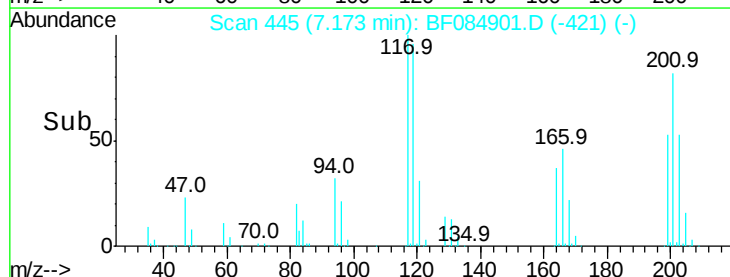
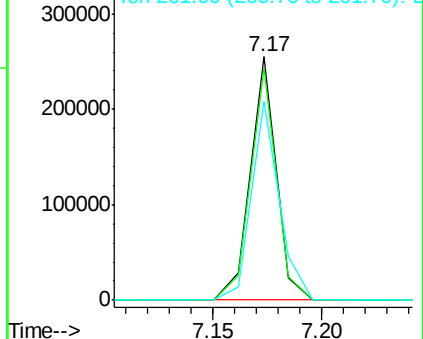


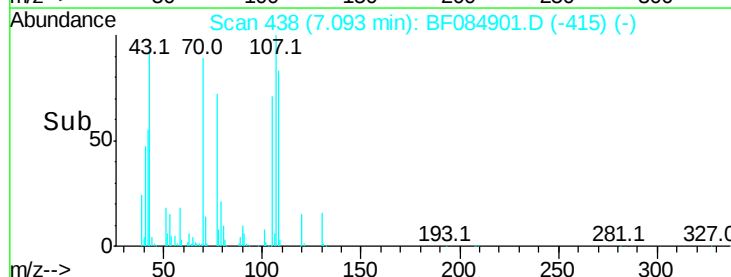
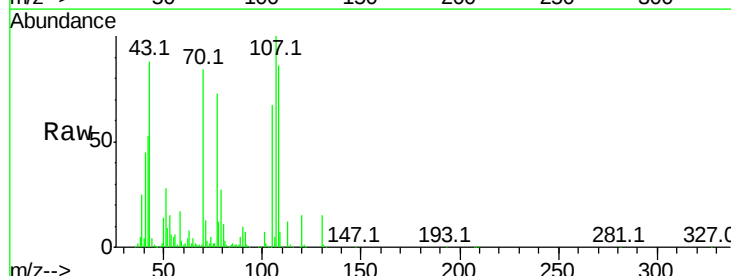
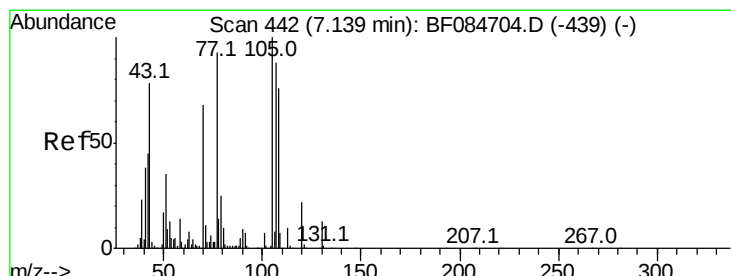
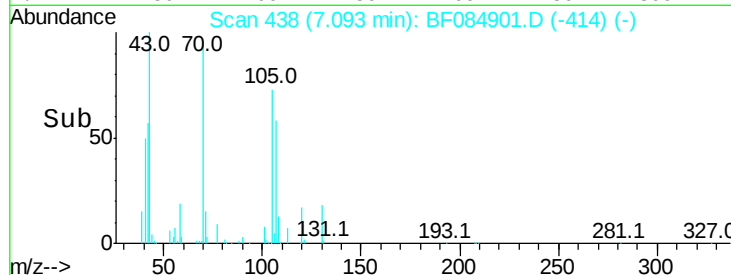
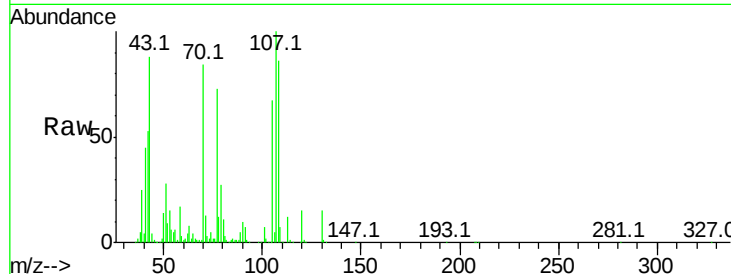
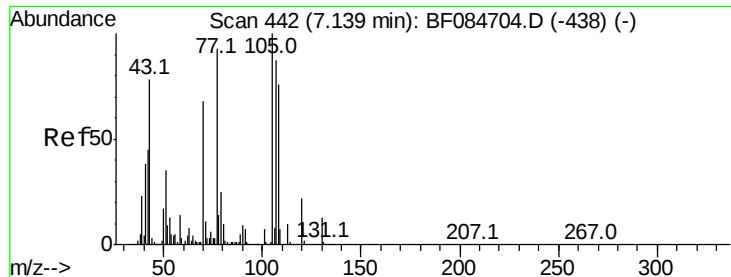
Abundance

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





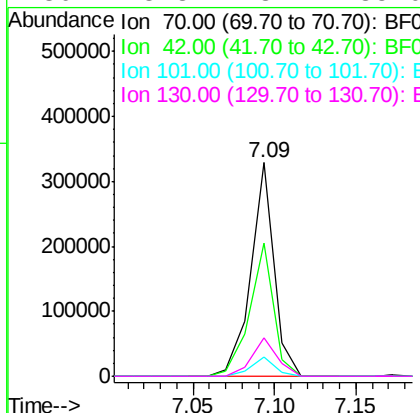
#19
n-Nitroso-di-n-propylamine
Concen: 36.94 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.5	33.3	49.9#
101	8.9	9.3	13.9#
130	18.3	23.4	35.0#

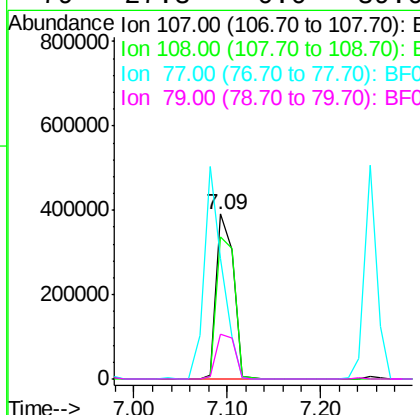
Manual Integrations
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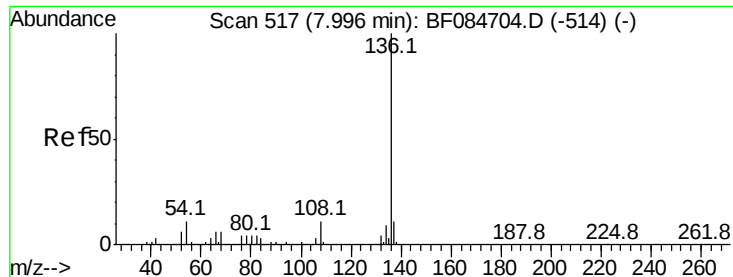
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#20
3+4-Methylphenols
Concen: 39.51 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	74.6	114.6
77	73.3	0.7	40.7#
79	27.3	0.0	39.0





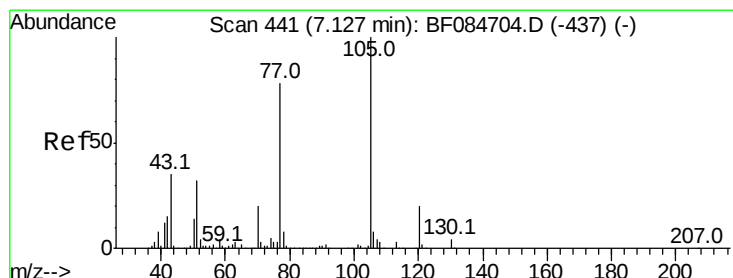
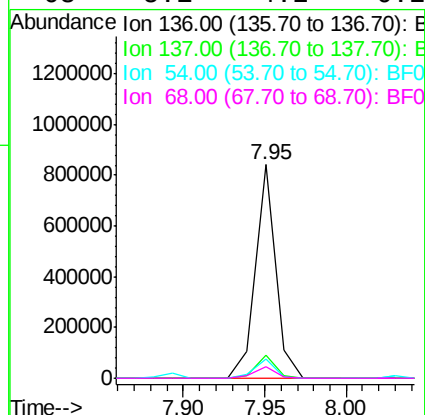
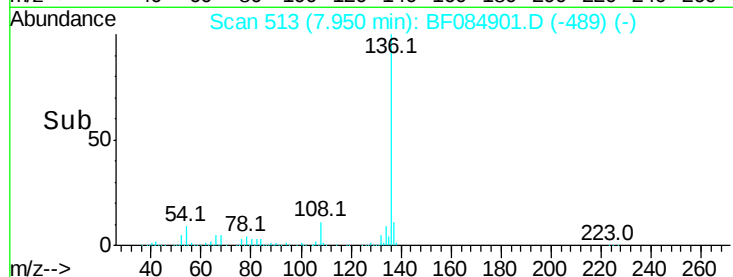
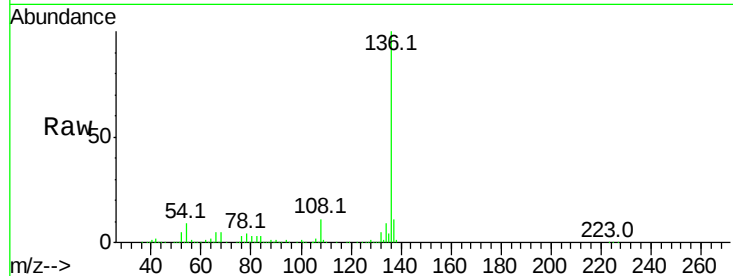
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	9.0	5.8	8.8#
68	5.1	4.2	6.2

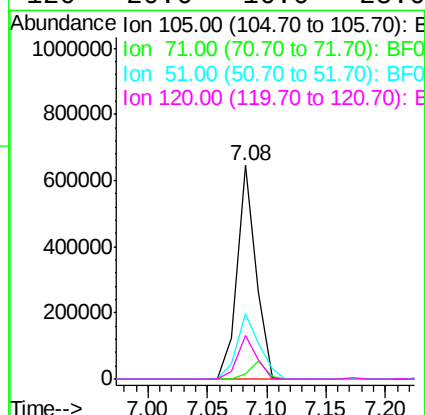
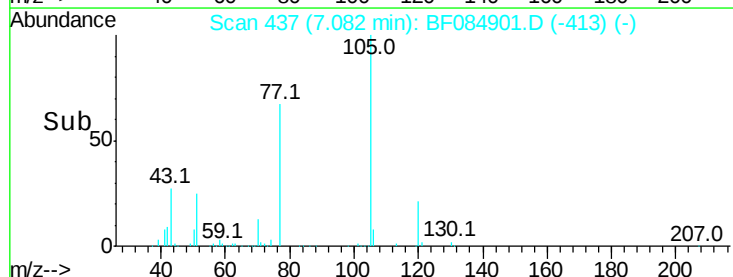
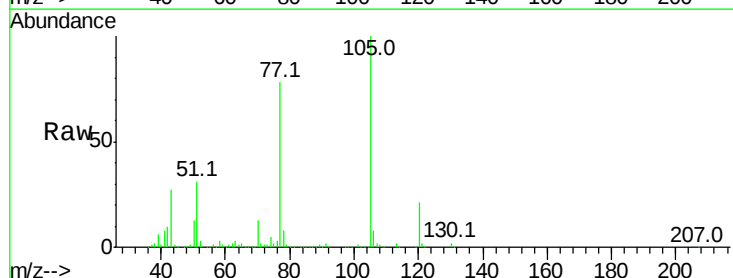
Manual Integrations
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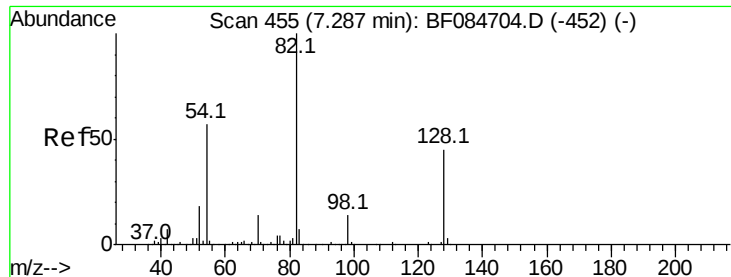
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#22
Acetophenone
Concen: 37.12 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.2	3.7	5.5#
51	30.7	25.1	37.7
120	20.6	16.6	25.0





#23
 Nitrobenzene-d5
 Concen: 82.15 ng
 RT: 7.24 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

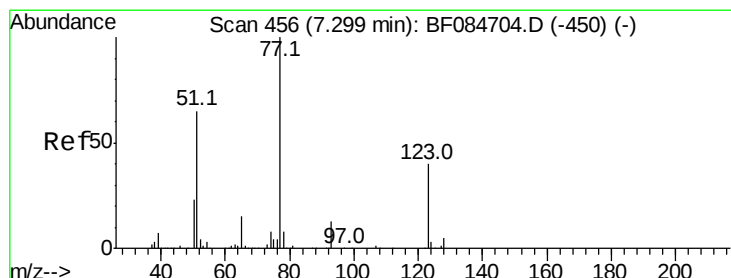
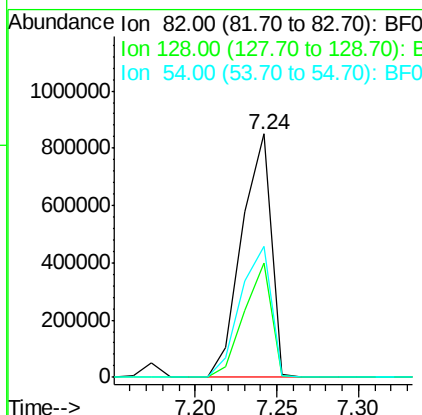
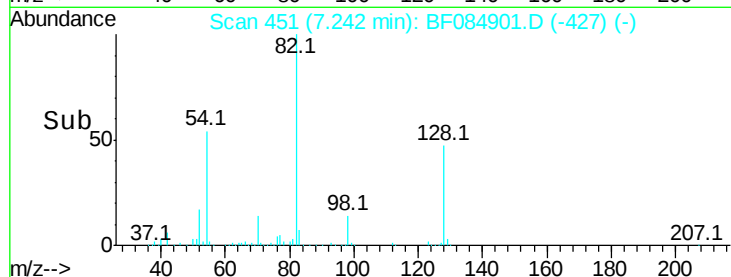
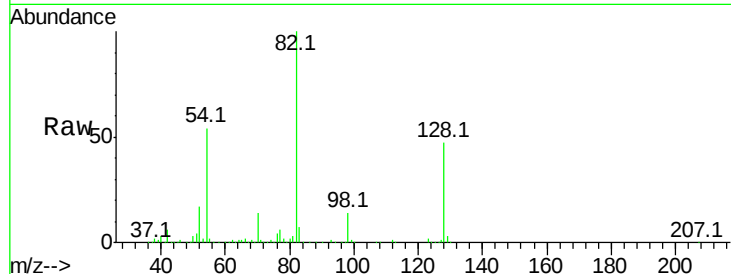
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion: 82 Resp: 1061637

Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.6	51.8
54	53.6	38.4	57.6

Manual Integrations
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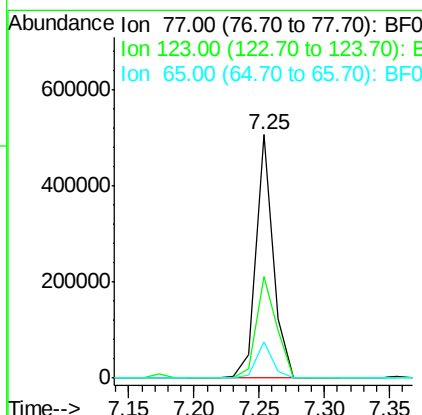
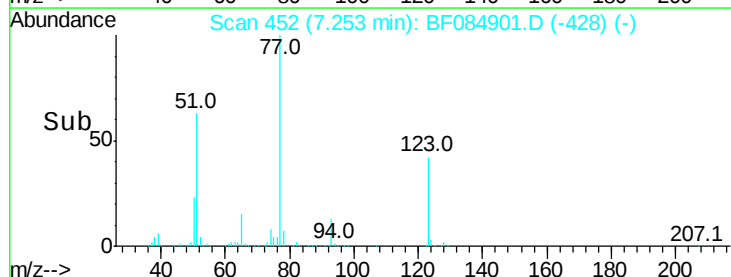
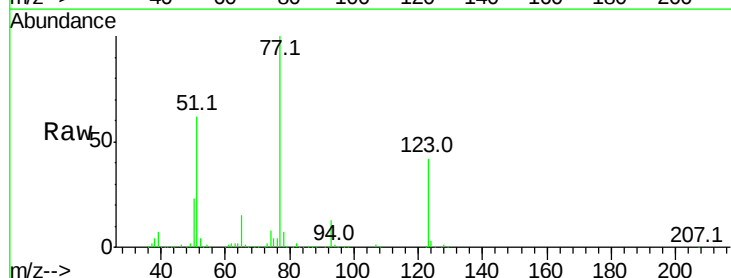
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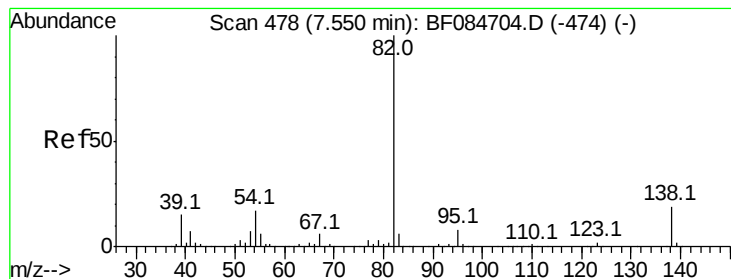


#24
 Nitrobenzene
 Concen: 34.00 ng
 RT: 7.25 min Scan# 452
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion: 77 Resp: 470588

Ion	Ratio	Lower	Upper
77	100		
123	41.8	37.4	56.2
65	14.7	10.9	16.3





#25

Isophorone

Concen: 37.55 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

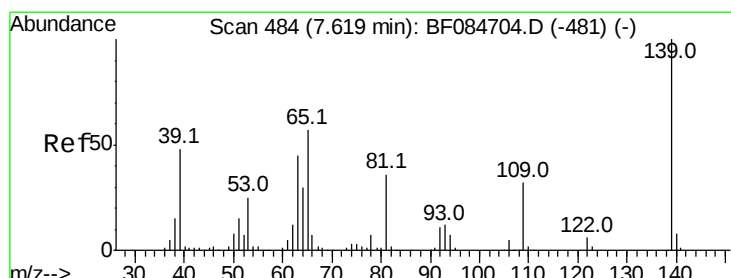
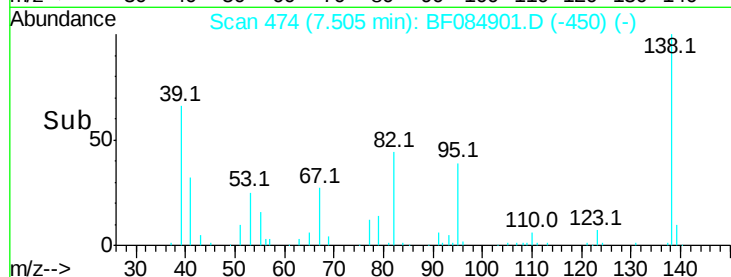
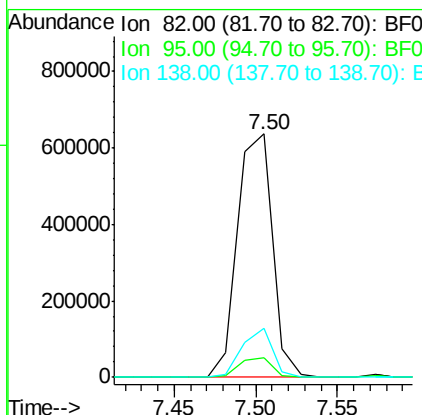
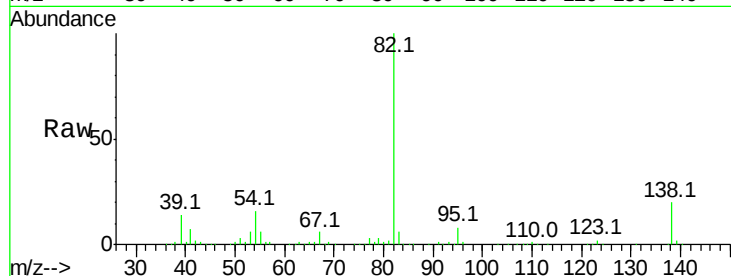
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	943541
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	20.1	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.01 ng

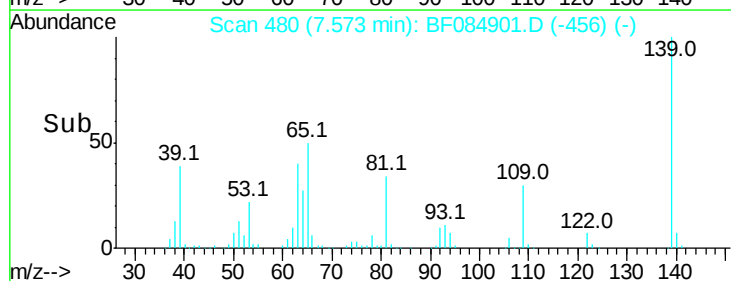
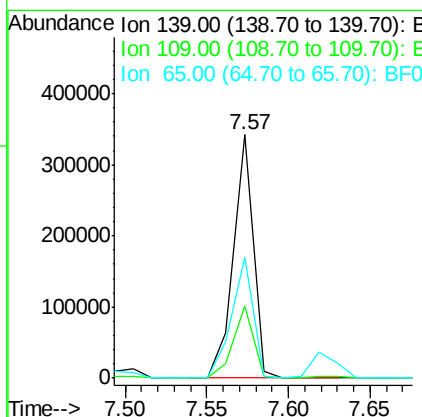
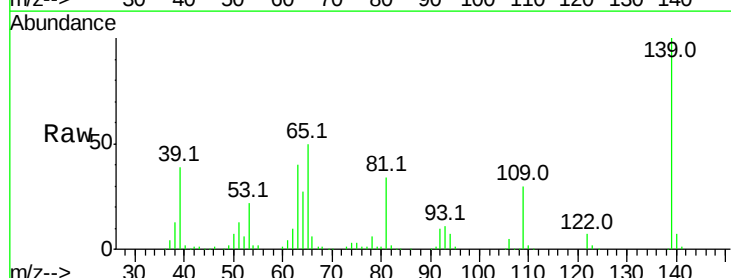
RT: 7.57 min Scan# 480

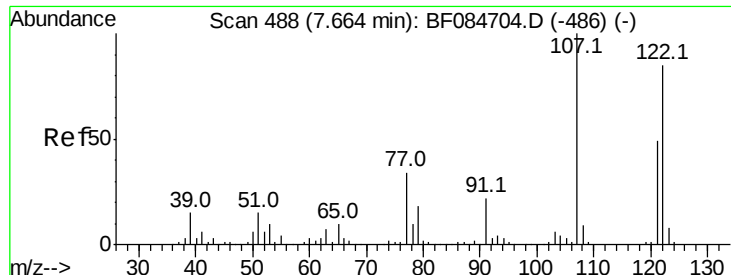
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	139	Resp:	286732
Ion Ratio	Lower	Upper	
139	100		
109	29.8	25.4	38.2
65	49.7	32.3	48.5#





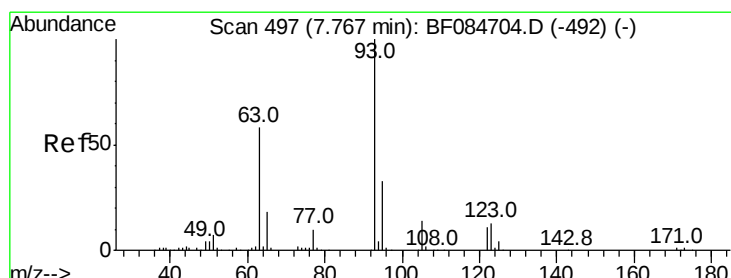
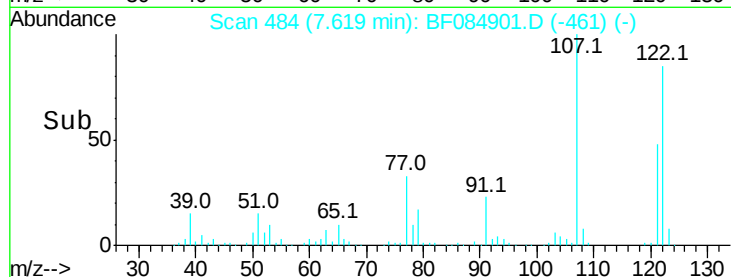
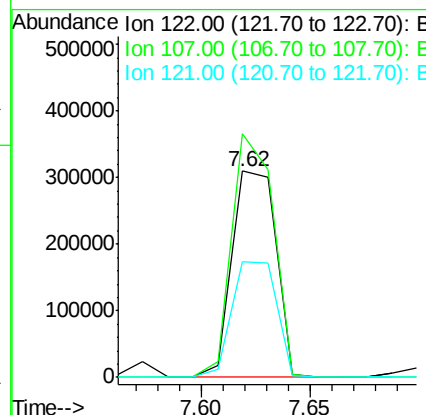
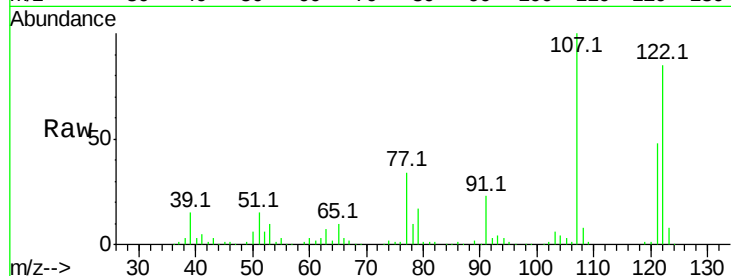
#27
2,4-Dimethylphenol
Concen: 36.60 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	434569		
107	118.1	99.1	148.7	
121	56.4	47.9	71.9	

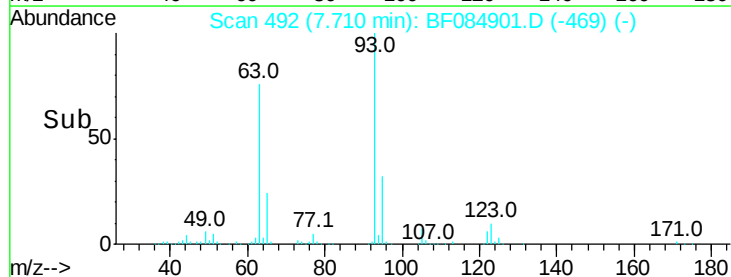
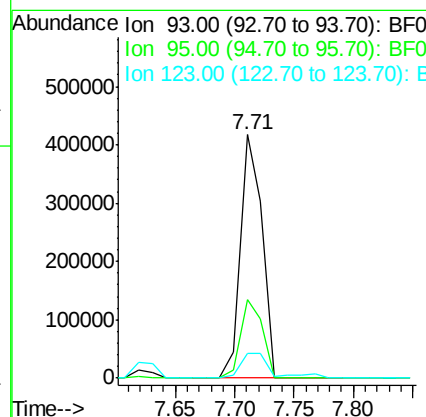
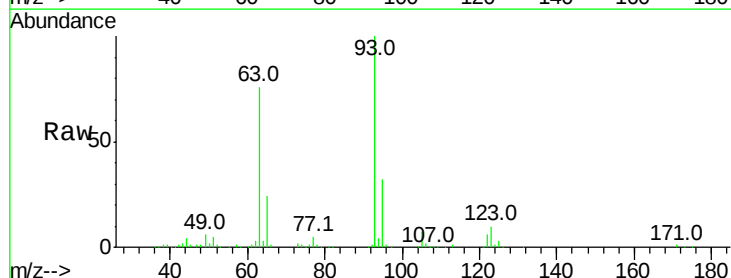
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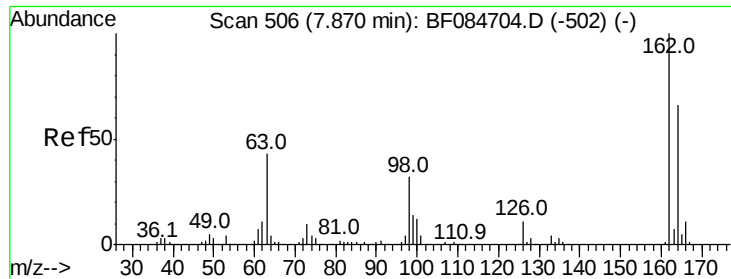
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#28
bis(2-Chloroethoxy)methane
Concen: 35.45 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	528487		
95	32.2	25.8	38.6	
123	10.2	8.6	12.8	





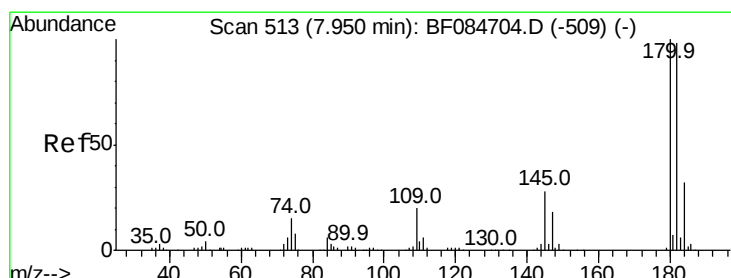
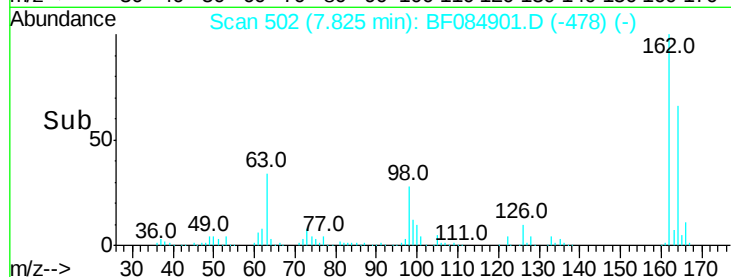
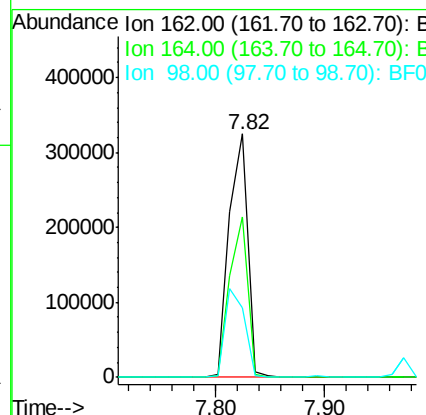
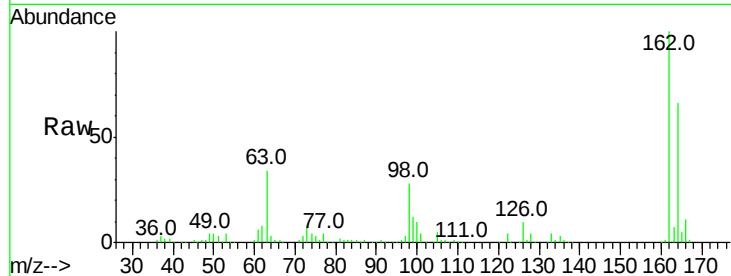
#29
 2,4-Dichlorophenol
 Concen: 37.87 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	384708
Ion Ratio	Lower	Upper	
162	100		
164	66.1	44.1	84.1
98	28.4	20.2	60.2

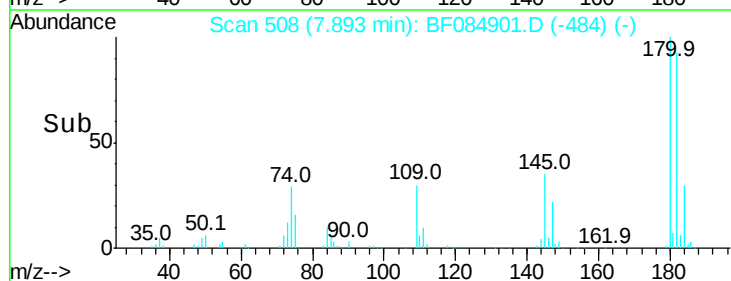
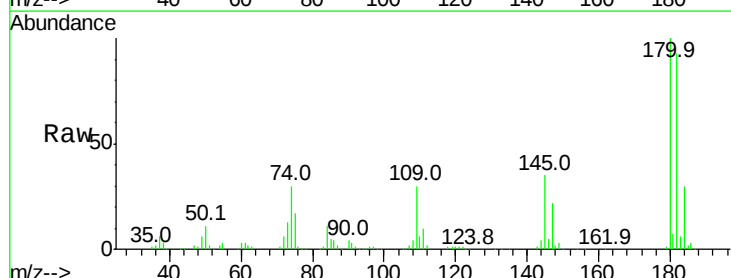
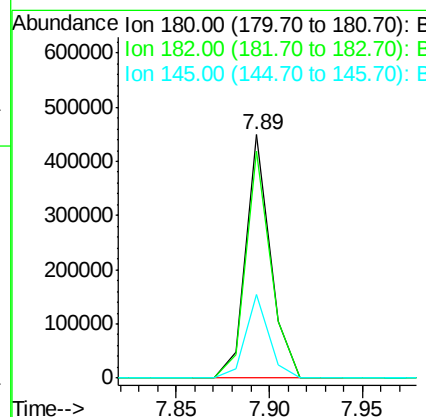
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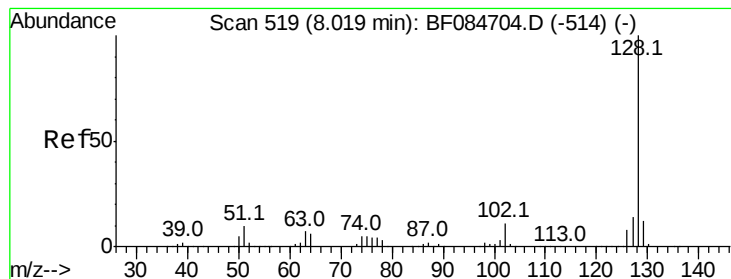
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.01 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion:	180	Resp:	413186
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.4	114.6
145	34.5	31.6	47.4





#31

Naphthalene

Concen: 37.78 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1379496

Ion Ratio Lower Upper

128 100

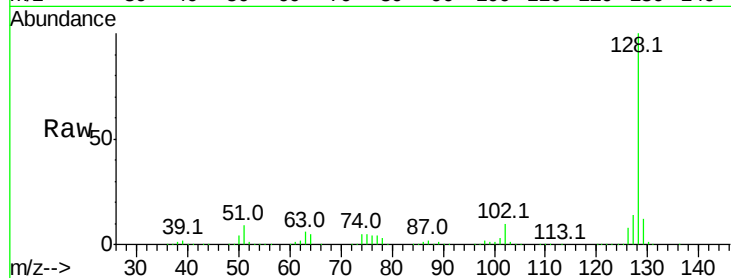
129 12.0 9.1 13.7

127 13.7 11.1 16.7

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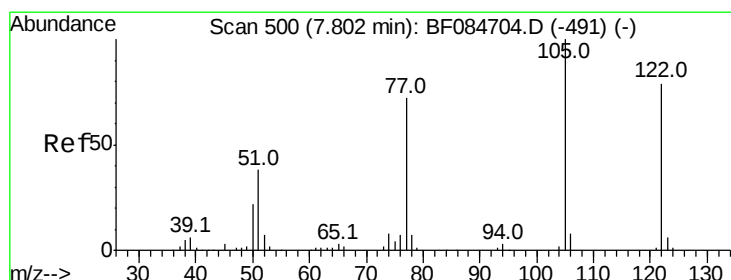
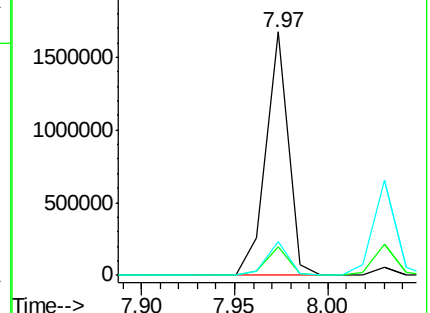
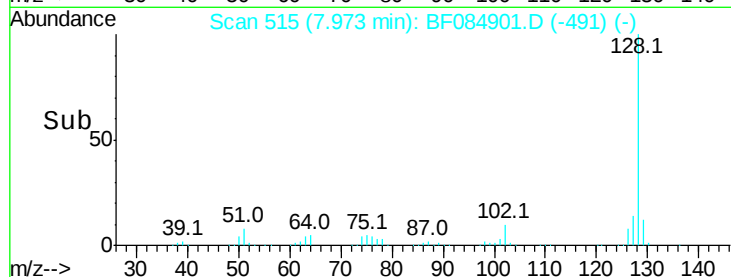
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 33.15 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

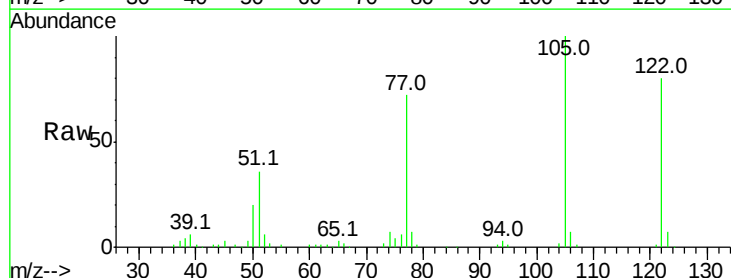
Tgt Ion:122 Resp: 251755

Ion Ratio Lower Upper

122 100

105 125.6 100.3 140.3

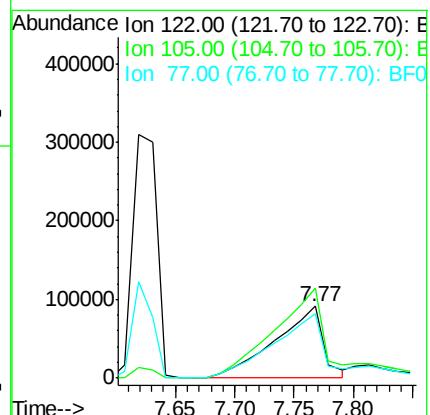
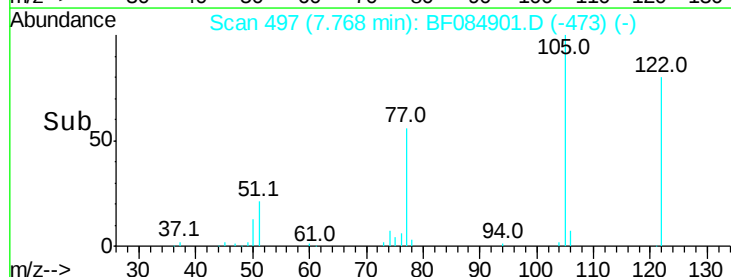
77 90.7 63.5 103.5

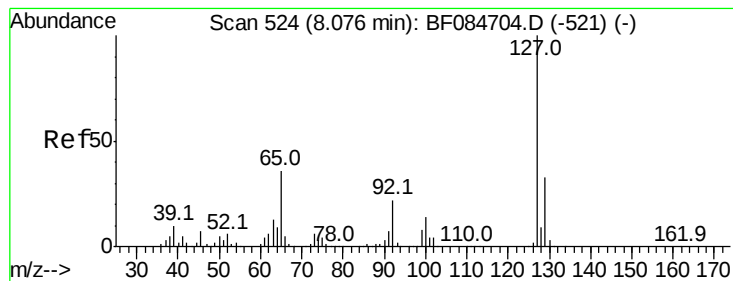


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 36.38 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

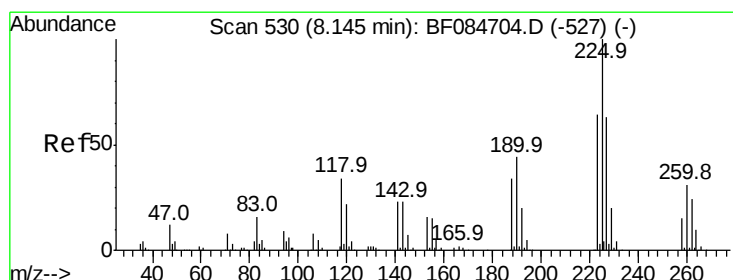
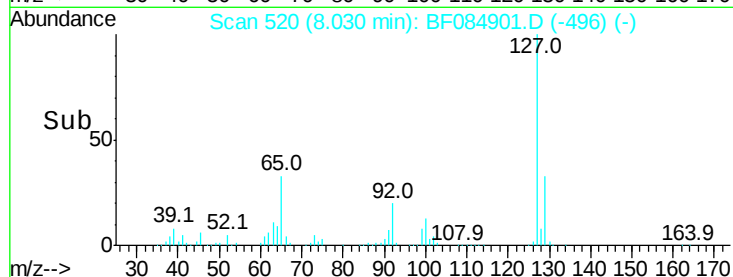
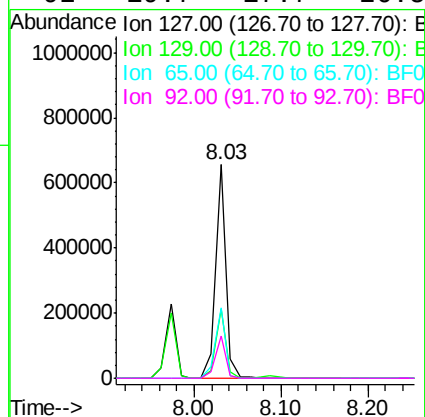
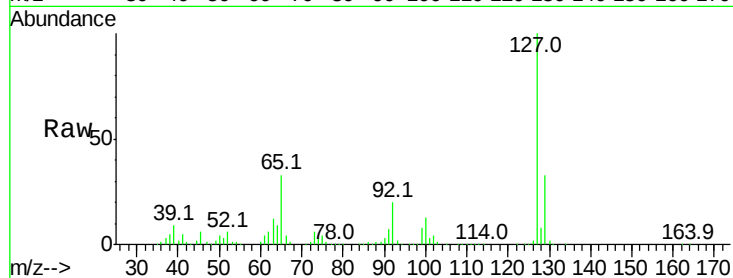
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.5	39.7	
65	33.2	27.2	40.8	
92	19.7	17.7	26.5	

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#34

Hexachlorobutadiene

Concen: 37.97 ng

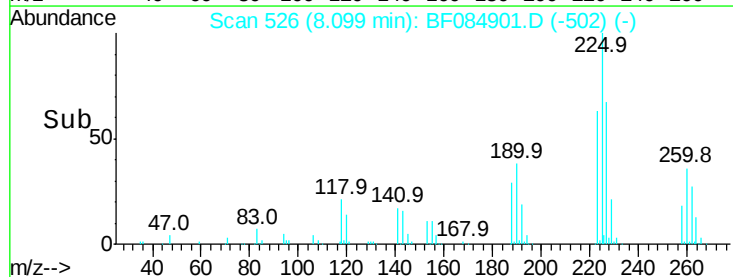
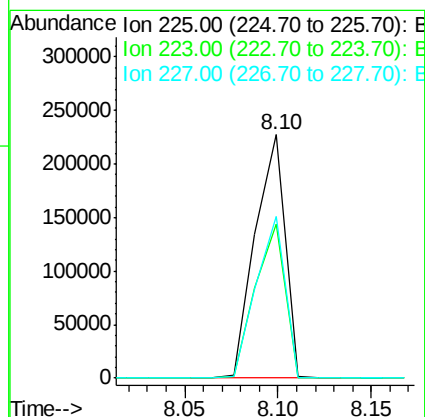
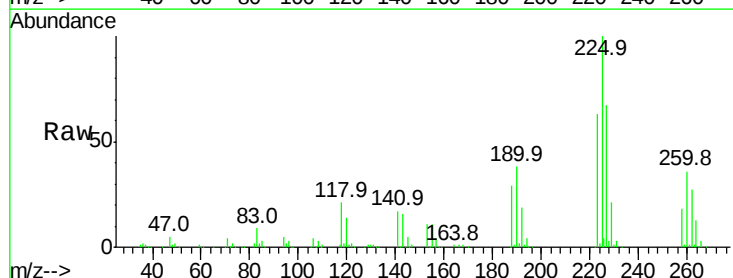
RT: 8.10 min Scan# 526

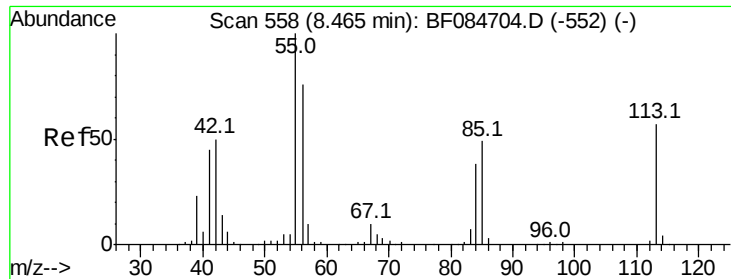
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	49.4	74.0	
227	66.6	50.8	76.2	





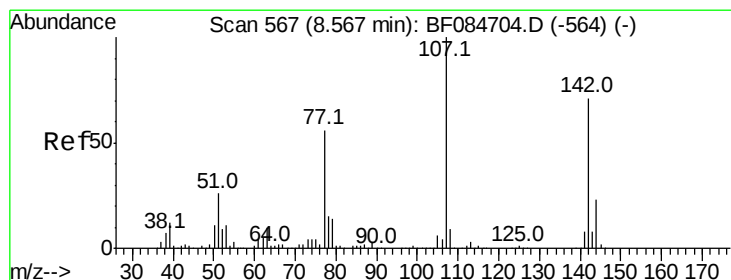
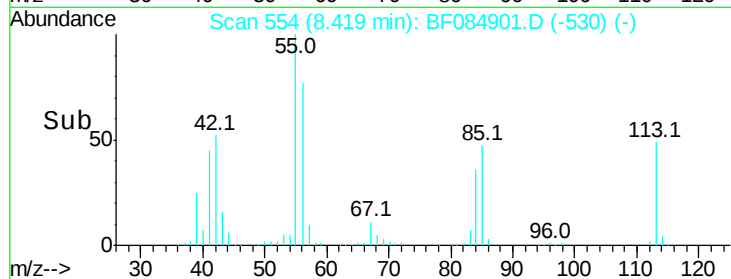
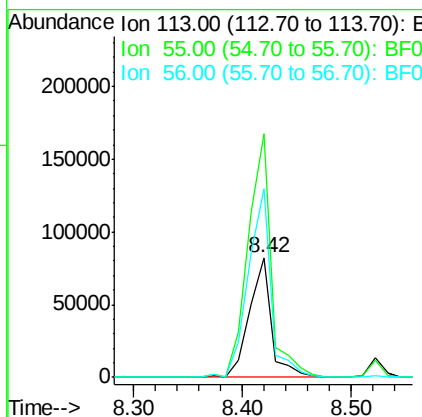
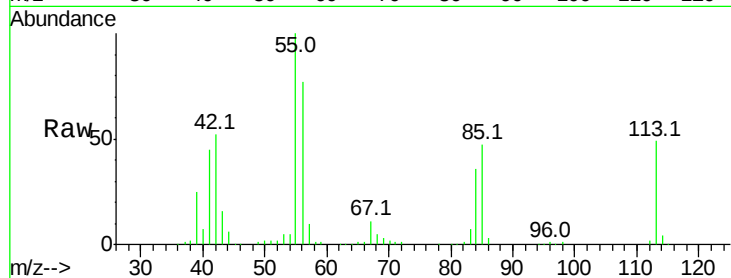
#35
 Caprolactam
 Concen: 37.24 ng
 RT: 8.42 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	203.5	116.9	156.9#	
56	157.5	93.8	133.8#	

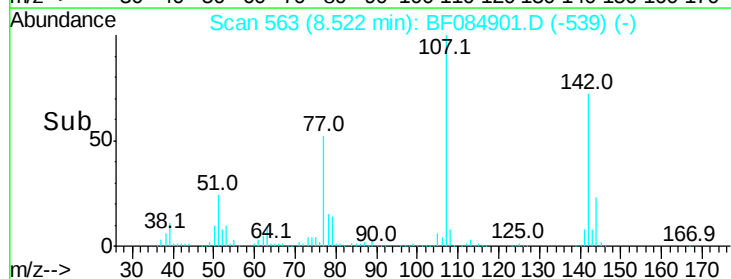
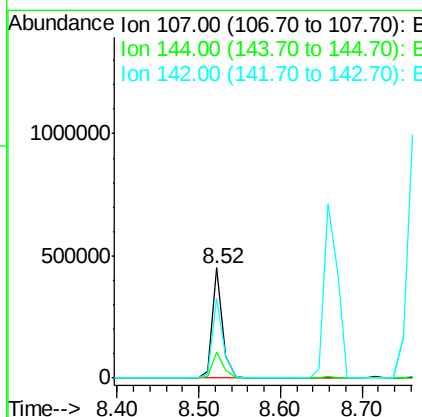
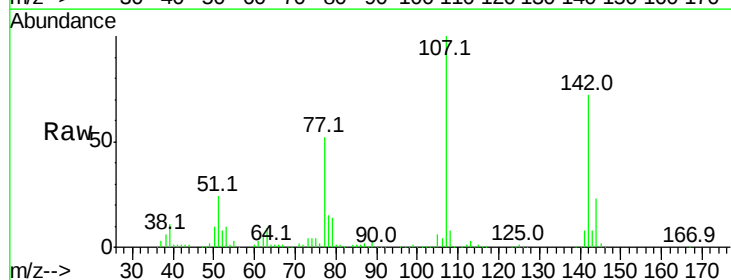
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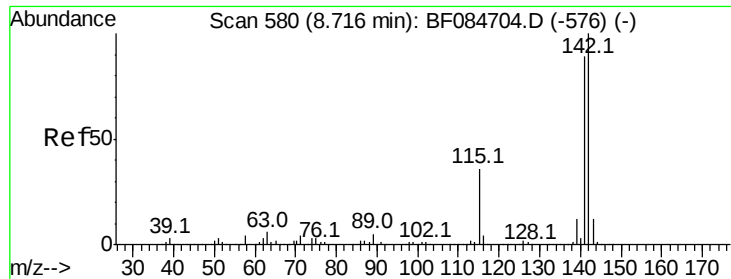
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#36
 4-Chloro-3-methylphenol
 Concen: 34.58 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.2	19.7	29.5	
142	71.7	61.8	92.6	





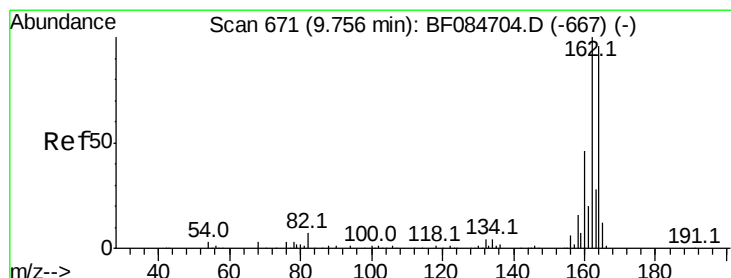
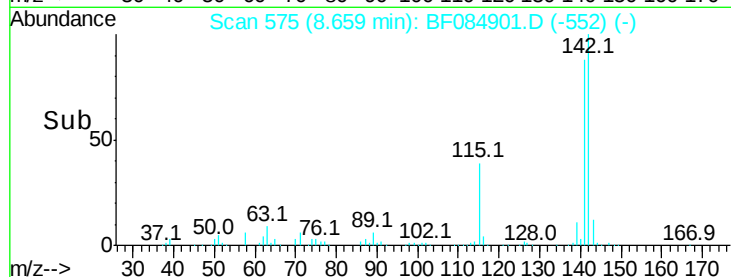
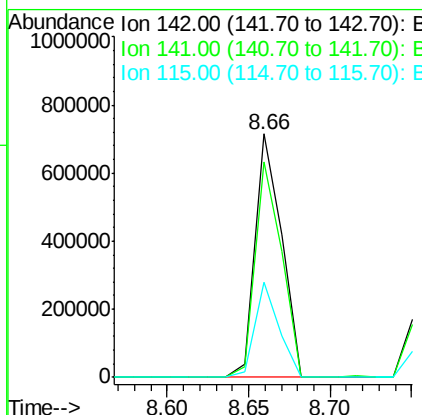
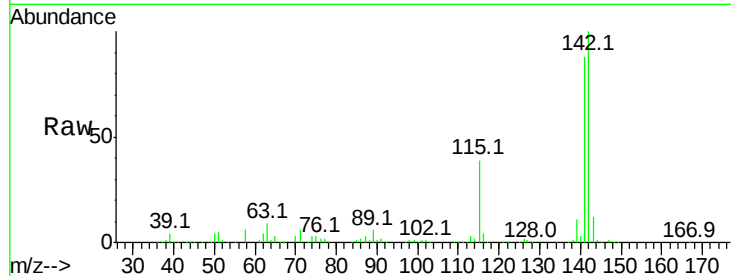
#37
2-Methylnaphthalene
Concen: 35.23 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.4	108.6
115	39.3	27.9	41.9

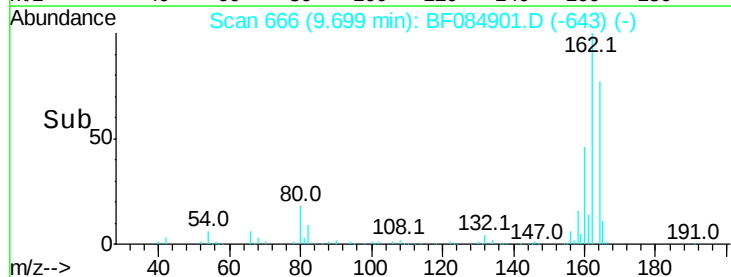
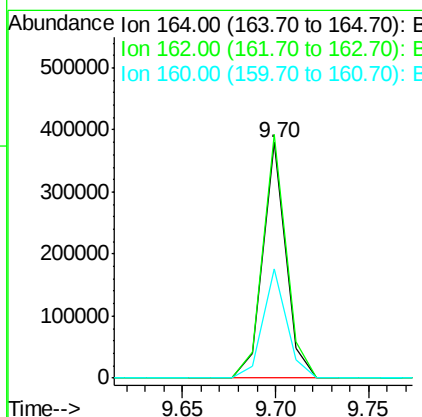
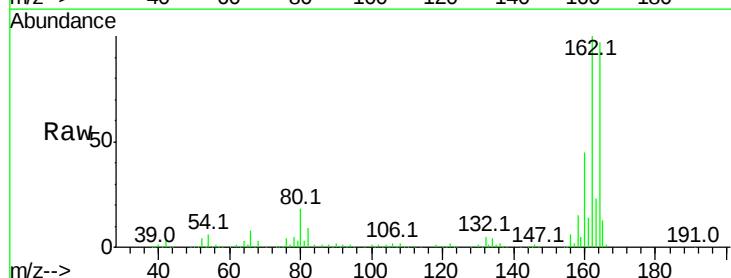
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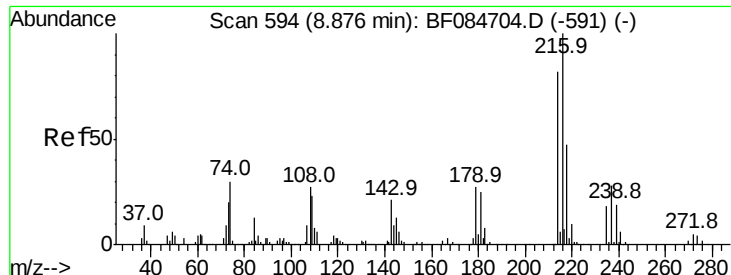
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.1	127.7
160	46.4	37.5	56.3





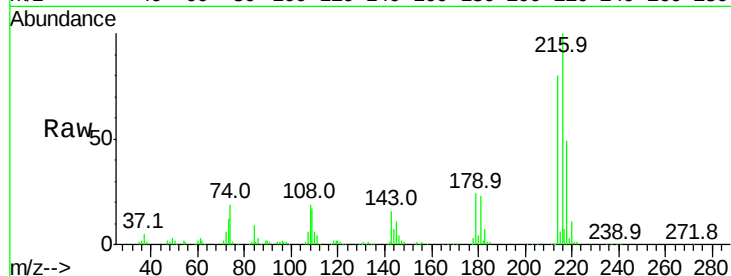
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.87 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

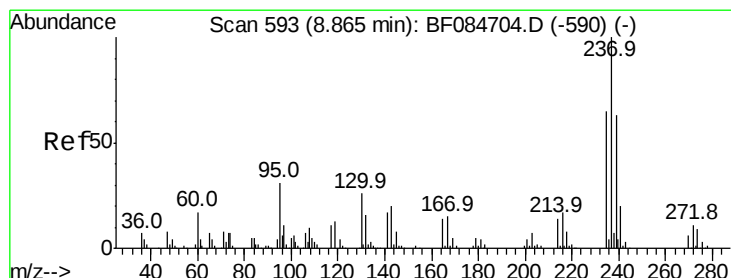
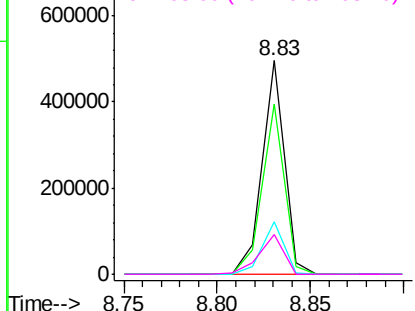
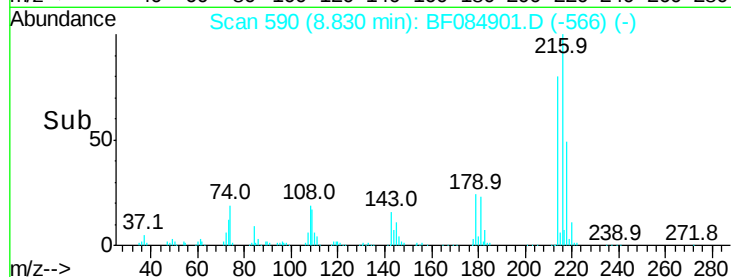
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	64.2	96.2
179	24.3	18.7	28.1
108	20.7	16.8	25.2

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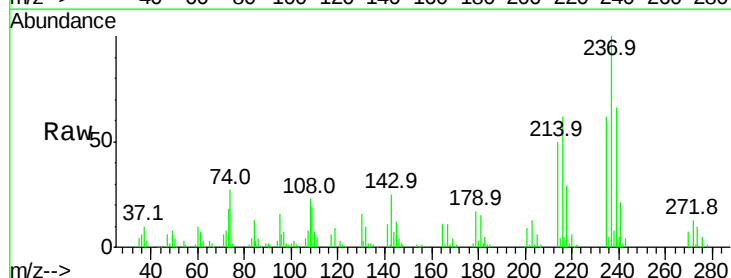


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

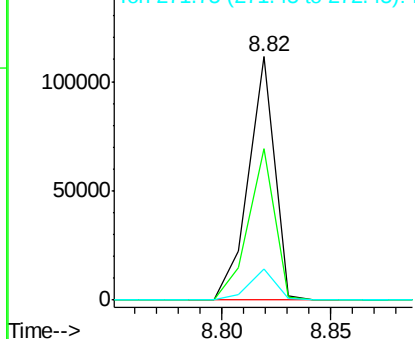
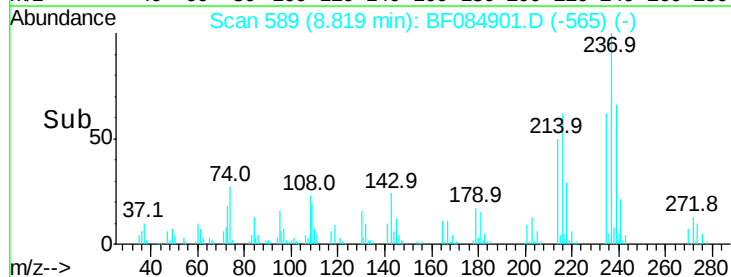


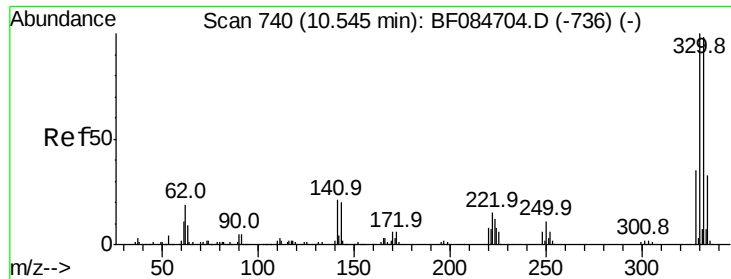
#40
Hexachlorocyclopentadiene
Concen: 28.73 ng
RT: 8.82 min Scan# 589
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.1	83.1
272	13.0	0.0	35.1



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





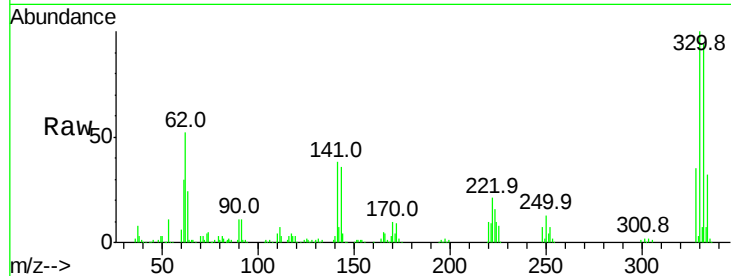
#41
 2,4,6-Tribromophenol
 Concen: 70.06 ng
 RT: 10.49 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

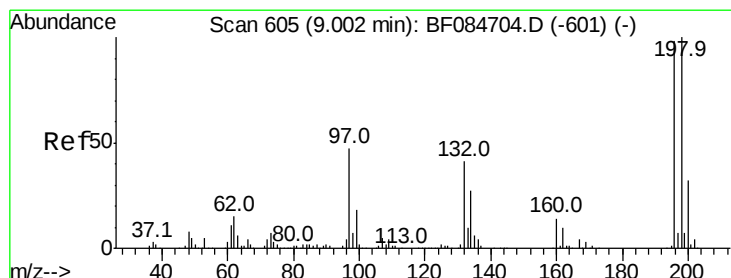
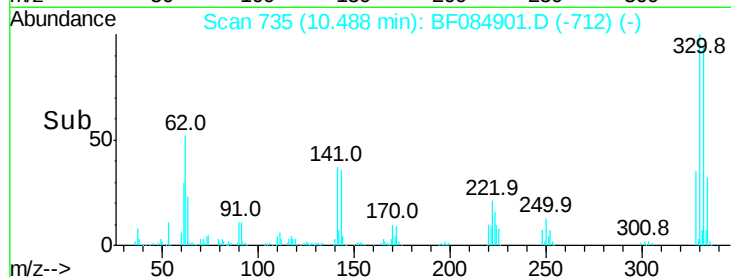
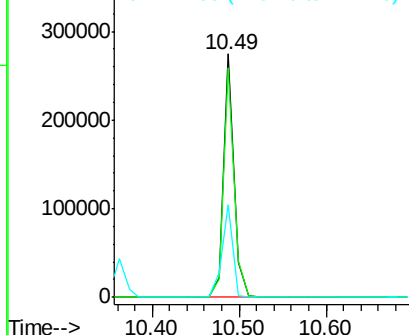
Tot Ion	Ratio	Resp	Lower	Upper
330	100	234431		
332	95.4	76.6	114.8	
141	39.8	27.8	41.6	

Manual Integrations
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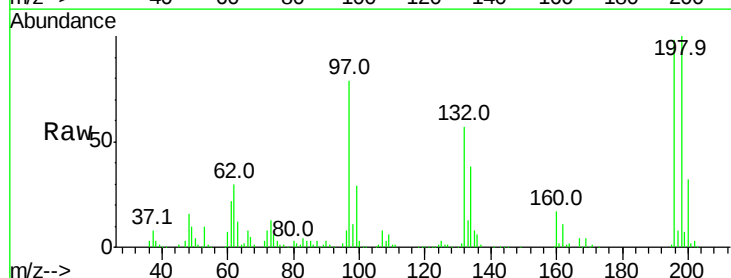


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

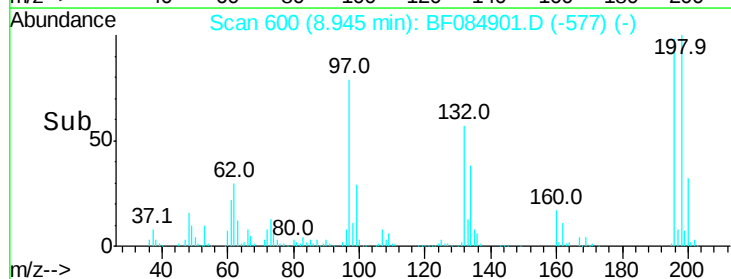
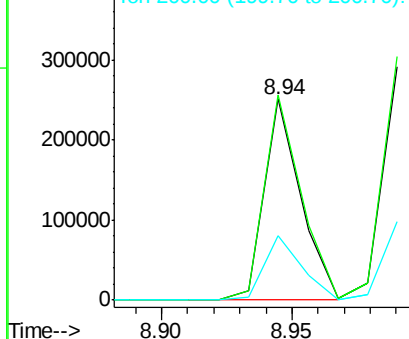


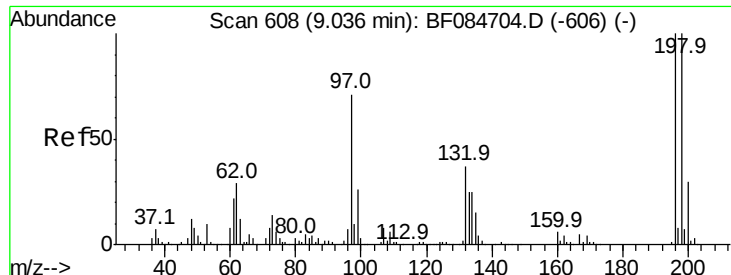
#42
 2,4,6-Trichlorophenol
 Concen: 36.83 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241741		
198	102.0	77.7	116.5	
200	32.3	24.6	37.0	



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





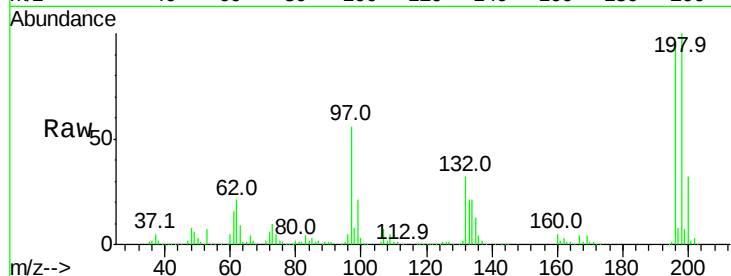
#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

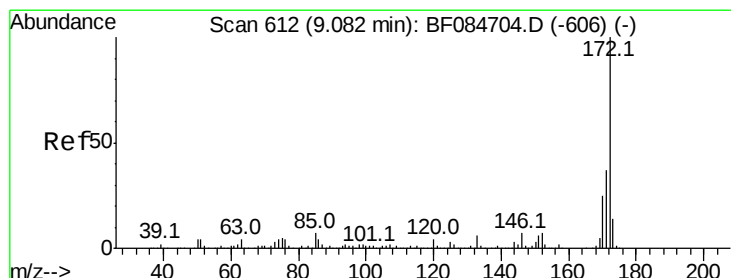
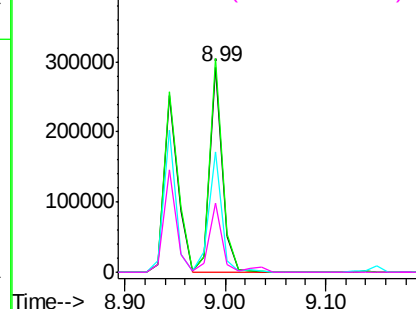
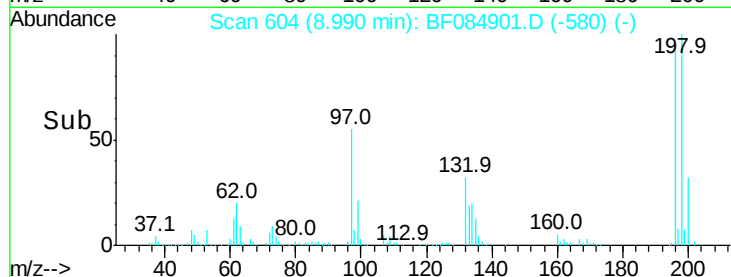
Tot Ion:	196	Resp:	256967
Ion Ratio	Lower	Upper	
196	100		
198	104.2	79.0	118.6
97	58.5	33.0	49.6#
132	33.6	21.1	31.7#

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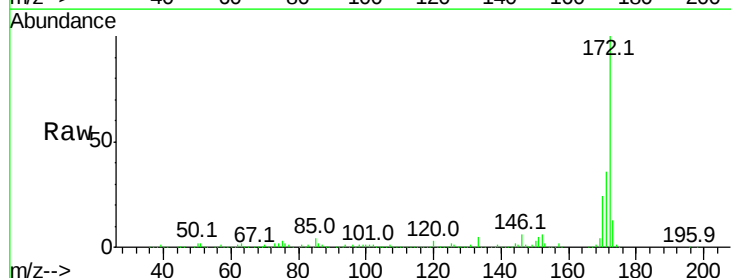


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

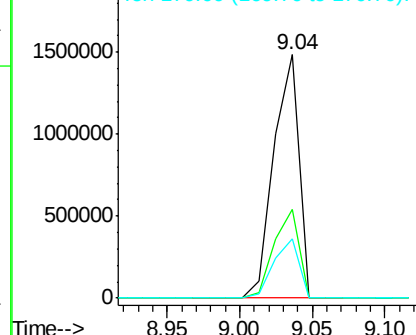
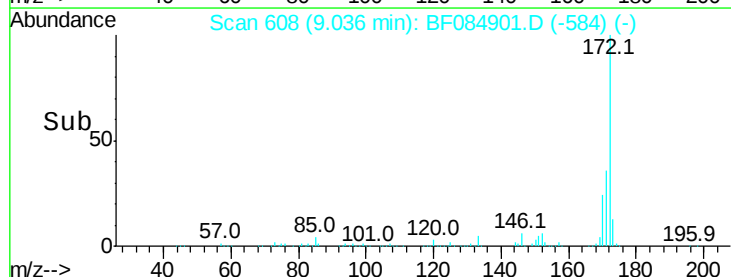


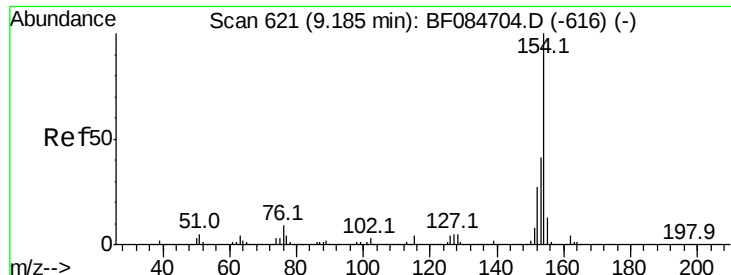
#44
 2-Fluorobiphenyl
 Concen: 98.96 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion:	172	Resp:	1781346
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.9	43.3
170	24.2	18.6	27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.36 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:154 Resp: 1041805

Ion Ratio Lower Upper

154 100

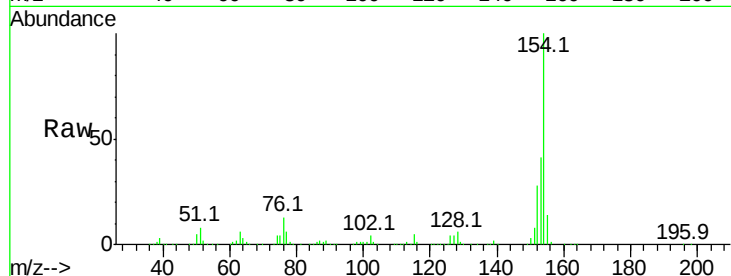
153 41.4 21.6 61.6

76 12.6 0.0 32.7

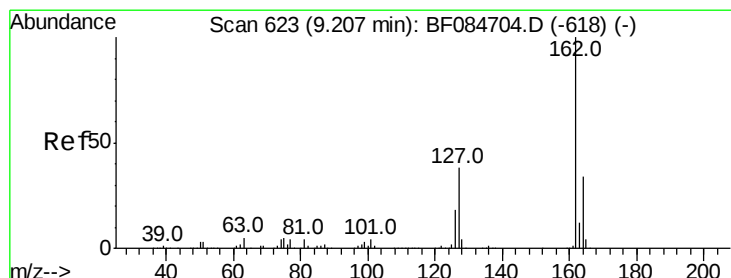
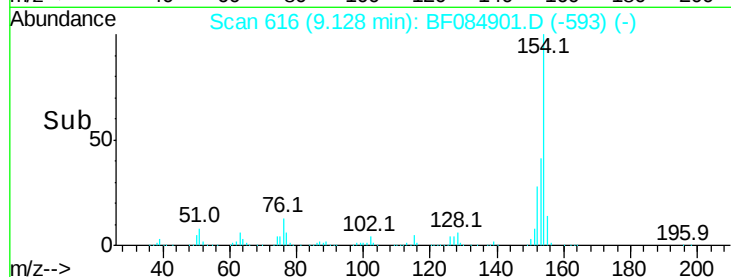
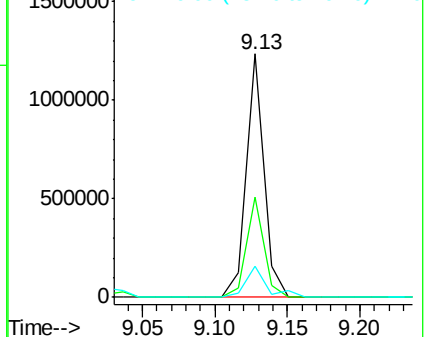
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.56 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

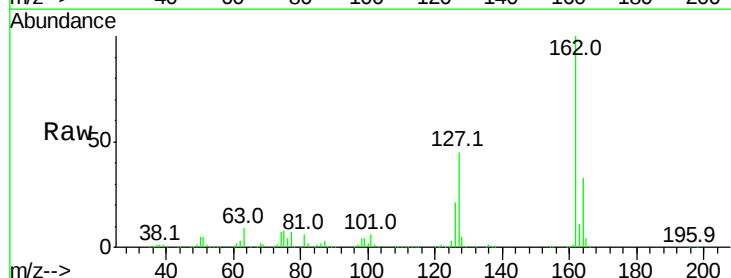
Tgt Ion:162 Resp: 813556

Ion Ratio Lower Upper

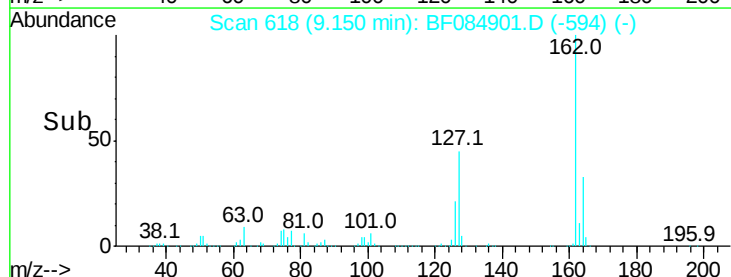
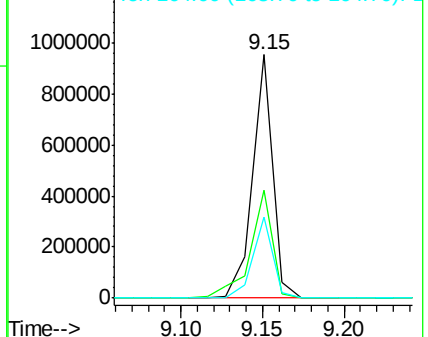
162 100

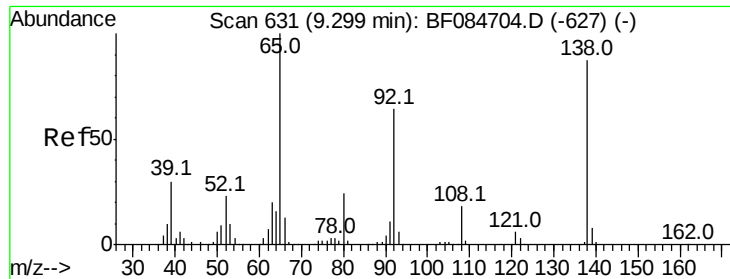
127 44.5 40.2 60.4

164 33.1 25.7 38.5



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





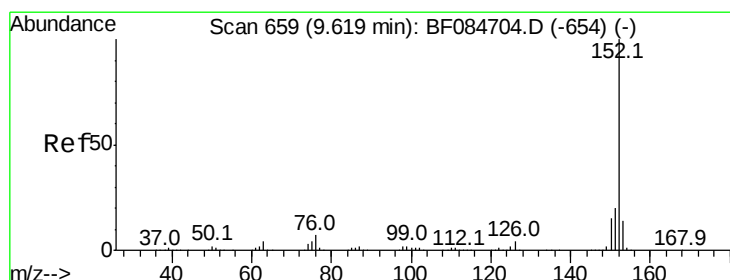
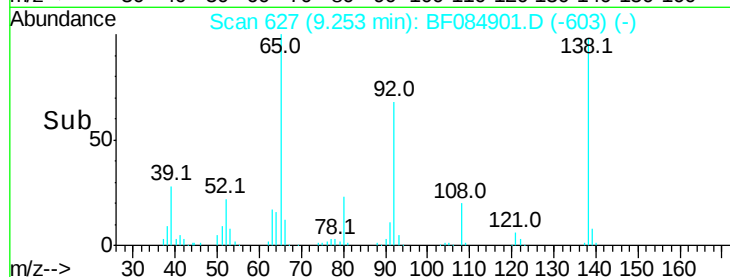
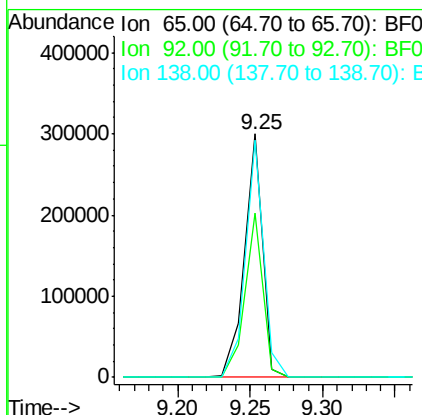
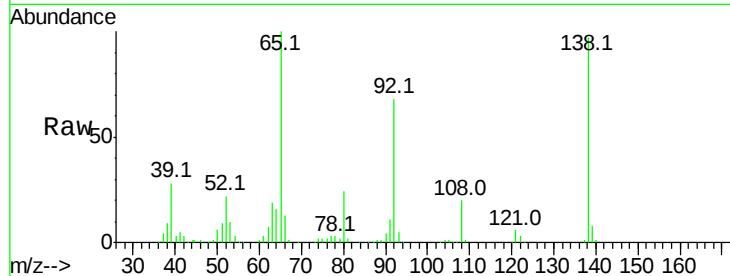
#47
2-Nitroaniline
Concen: 38.97 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	53.4	80.2
138	97.3	71.1	106.7

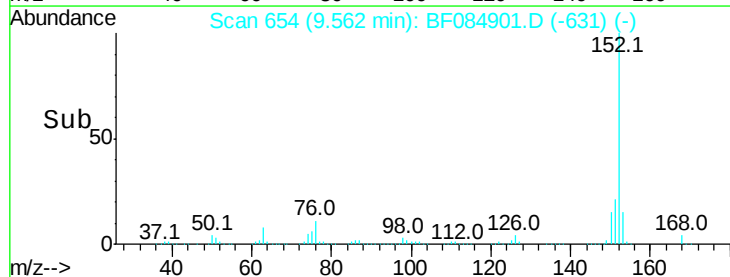
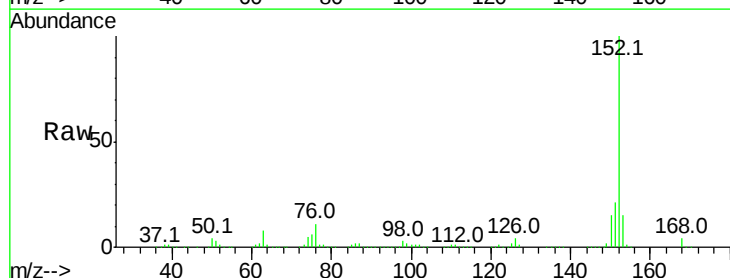
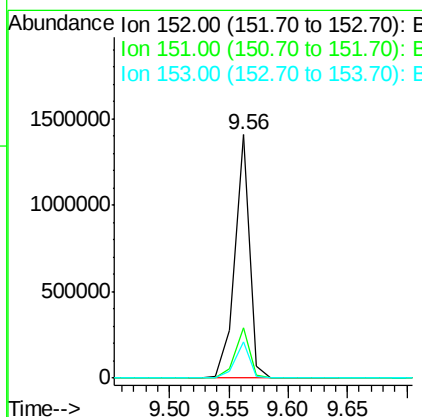
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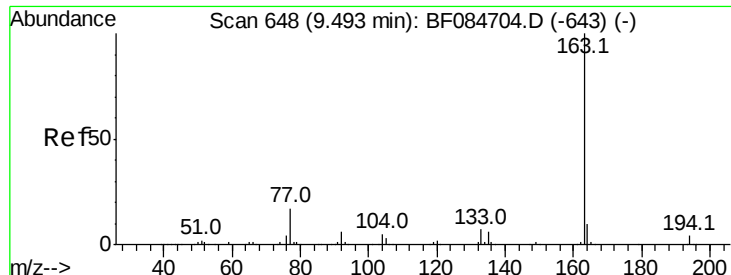
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#48
Acenaphthylene
Concen: 37.80 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	15.0	10.4	15.6





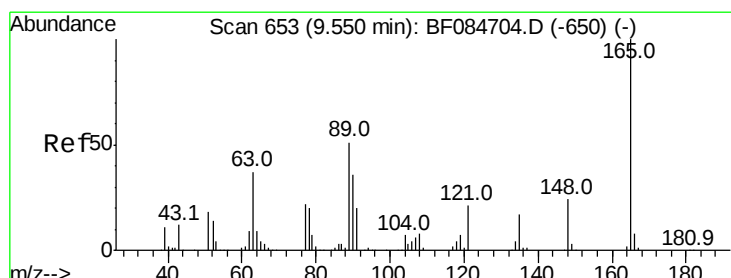
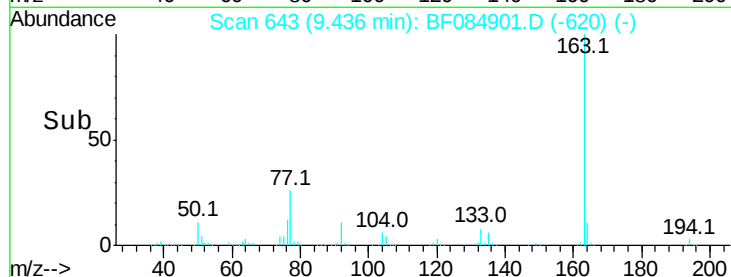
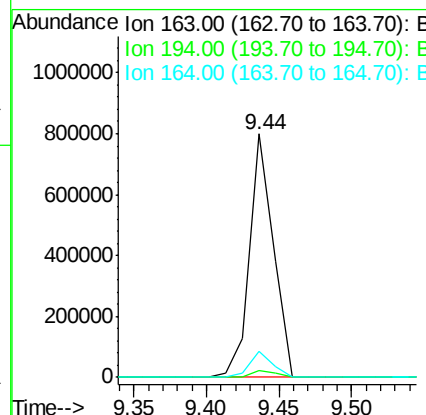
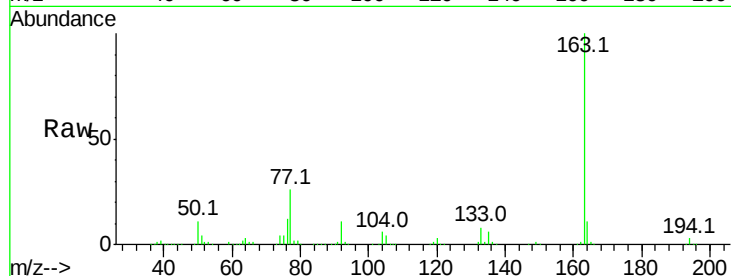
#49
Dimethylphthalate
Concen: 37.07 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	163	Resp	905703
Ion Ratio	Lower	Upper	
163	100		
194	3.0	8.0	12.0#
164	10.5	8.0	12.0

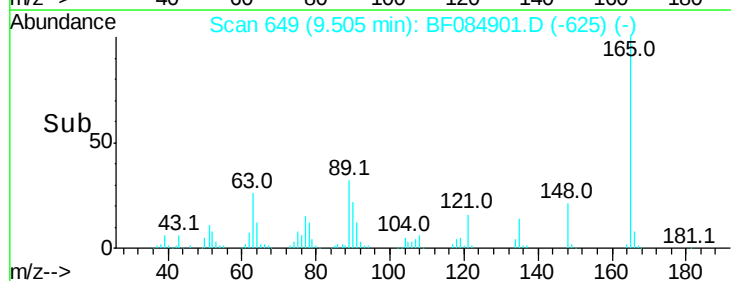
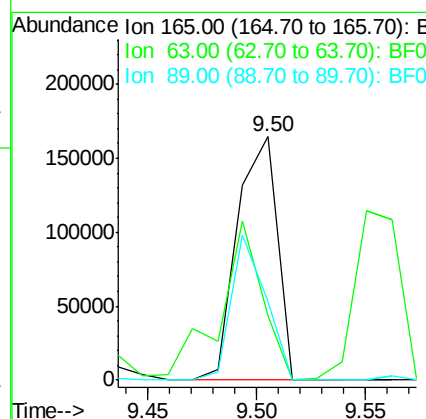
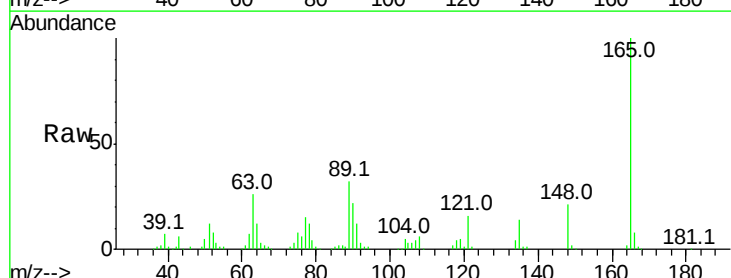
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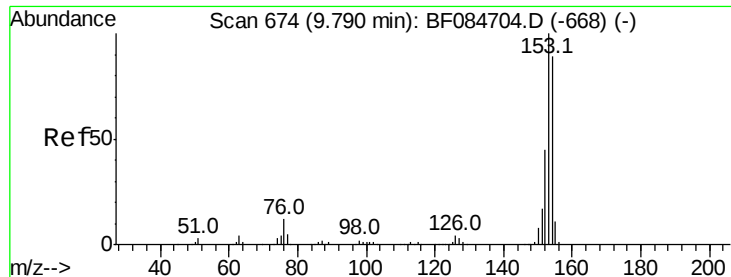
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#50
2,6-Dinitrotoluene
Concen: 39.05 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	165	Resp	208441
Ion Ratio	Lower	Upper	
165	100		
63	26.4	28.8	43.2#
89	32.3	35.1	52.7#





#51

Acenaphthene

Concen: 35.99 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

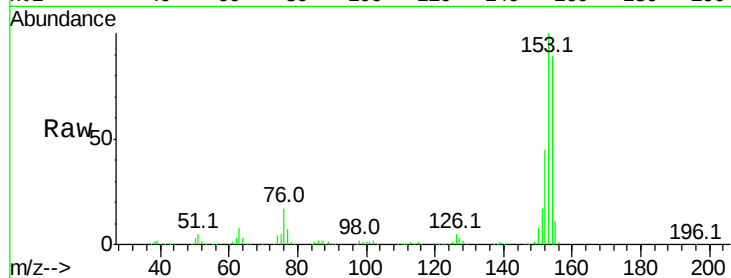
ClientSampleId :

SSTDCCC040EC

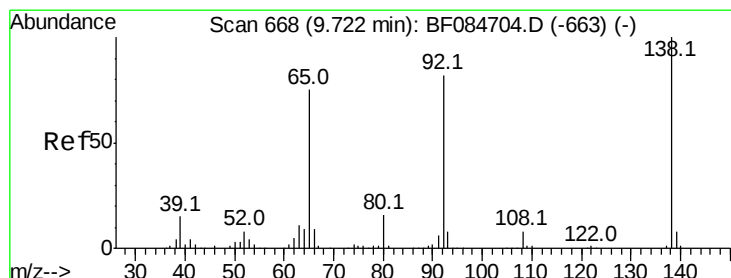
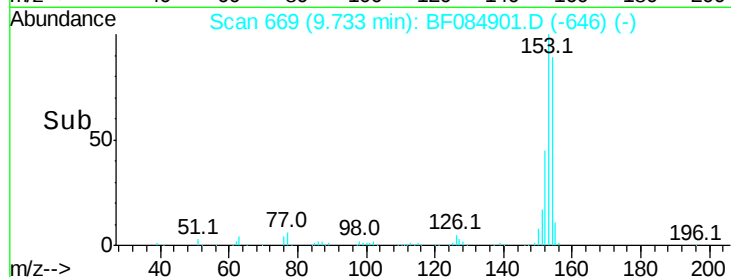
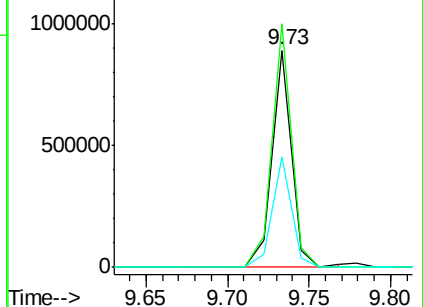
Tot Ion:	154	Resp:	749734
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.5	137.3
152	50.9	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.92 ng

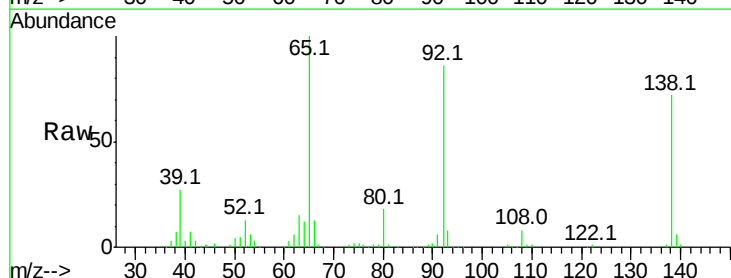
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

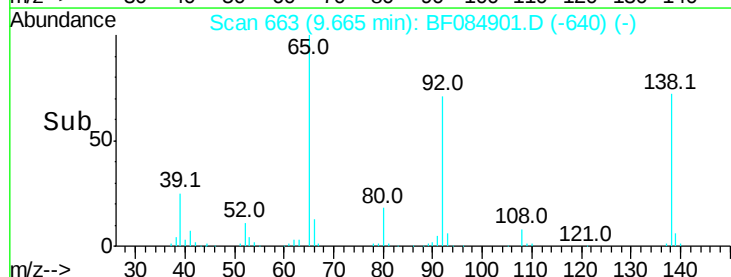
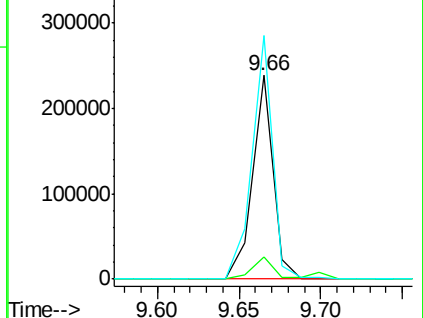
Lab File: BF084901.D

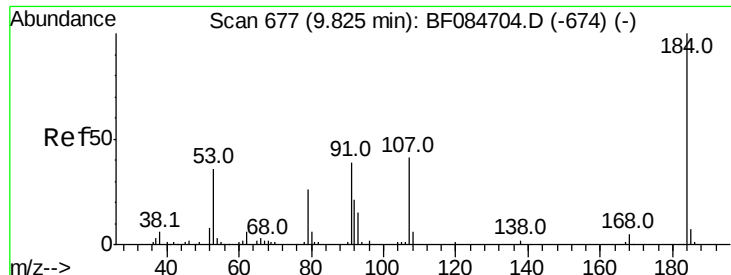
Acq: 6 Feb 2016 10:22

Tgt Ion:	138	Resp:	209423
Ion Ratio	Lower	Upper	
138	100		
108	11.0	10.5	15.7
92	119.7	103.9	155.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





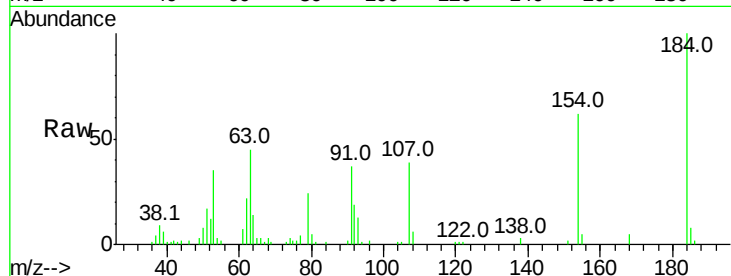
#53
 2,4-Dinitrophenol
 Concen: 22.43 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

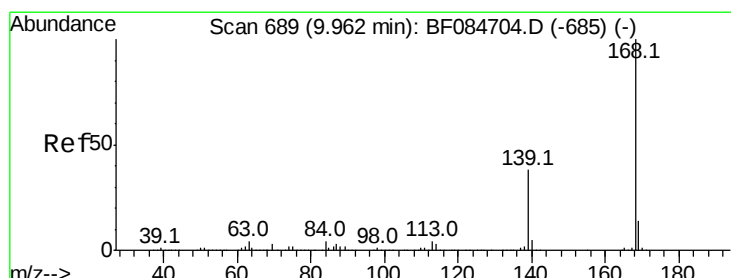
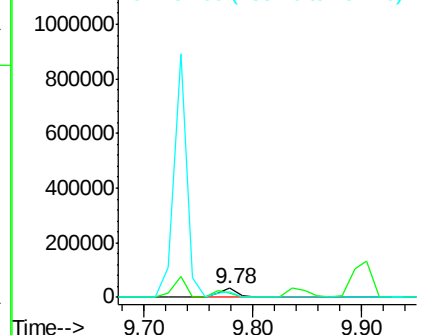
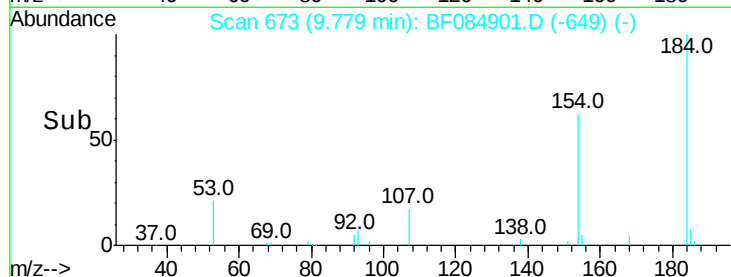
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	45.4	43.1	64.7	
154	61.9	60.5	90.7	

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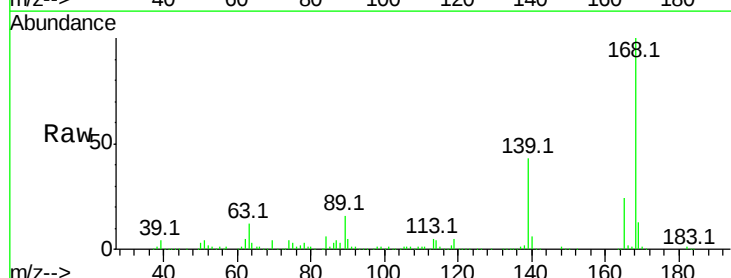


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

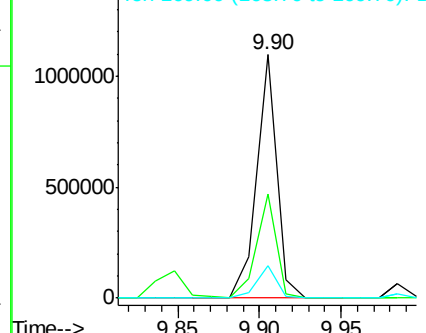
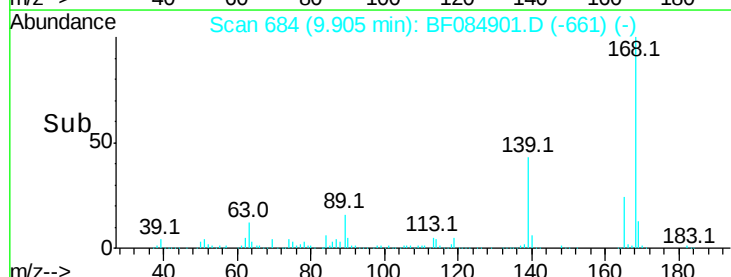


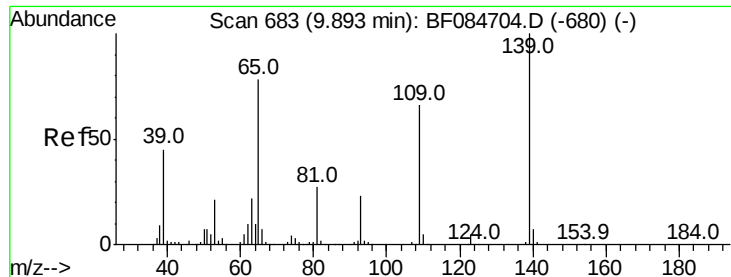
#54
 Dibenzofuran
 Concen: 36.85 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.6	30.5	45.7	
169	13.4	10.4	15.6	



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





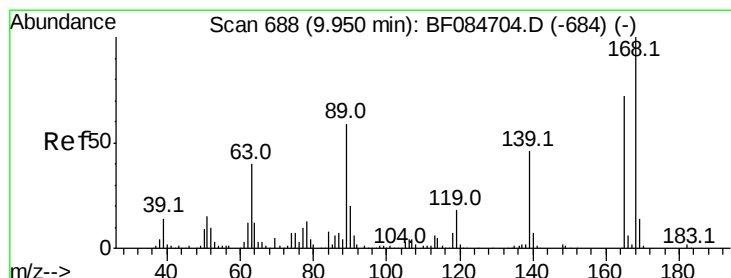
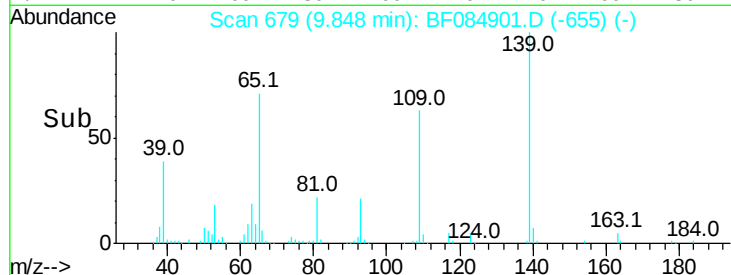
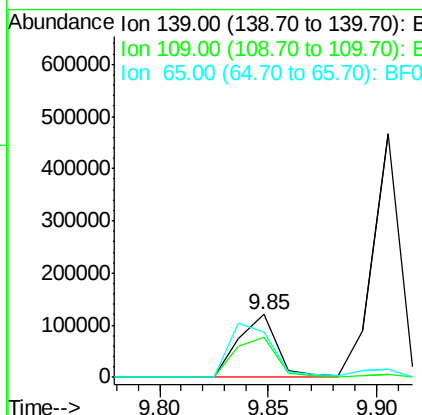
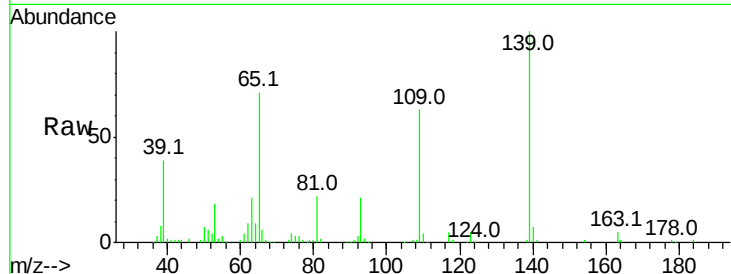
#55
4-Nitrophenol
Concen: 33.63 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
139	100	148262		
109	63.0	58.5	98.5	
65	71.4	57.6	97.6	

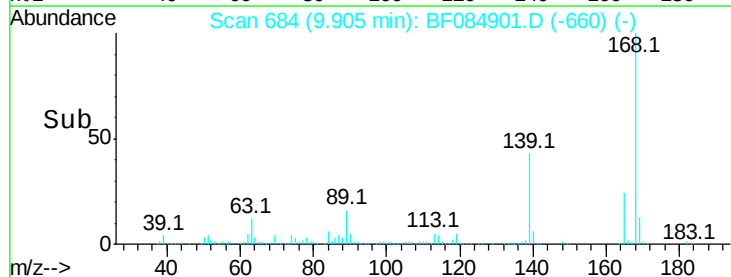
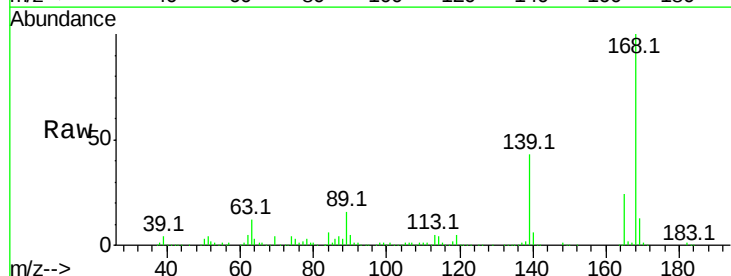
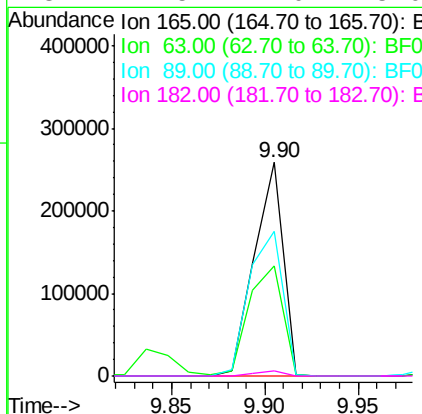
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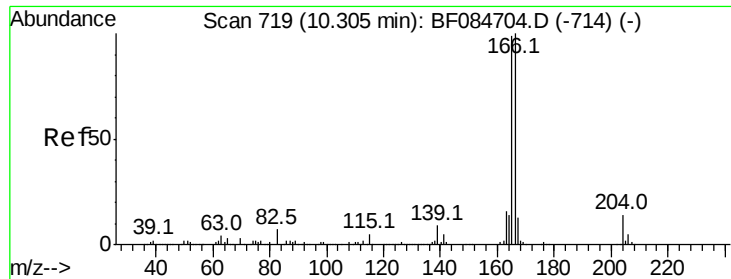
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#56
2,4-Dinitrotoluene
Concen: 40.55 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	276070		
63	51.6	36.7	55.1	
89	67.7	61.9	92.9	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 38.61 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

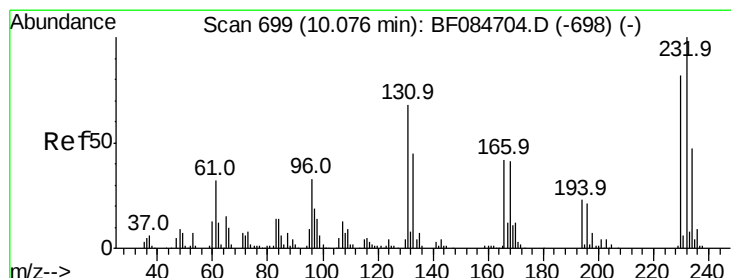
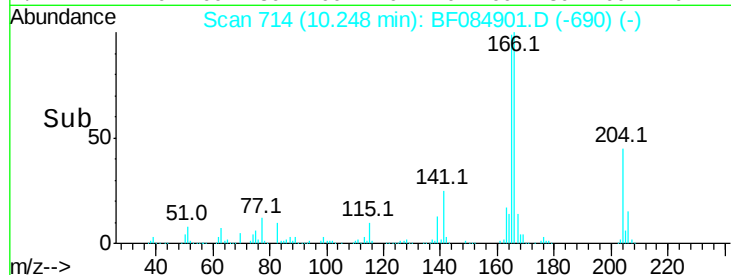
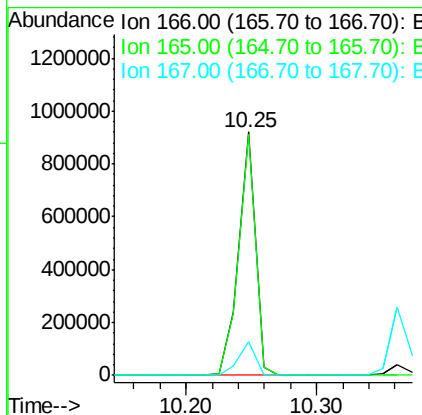
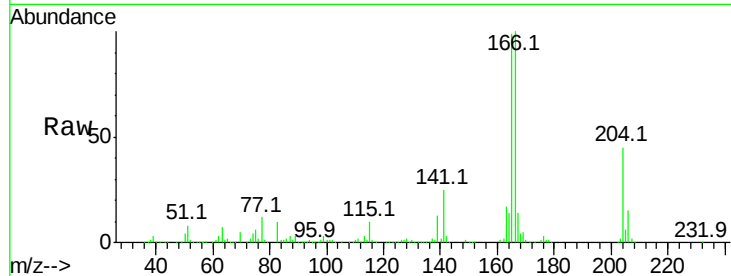
ClientSampleId :

SSTDCCC040EC

Tot Ion:	166	Resp:	820970
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.1	118.7
167	13.9	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 40.12 ng

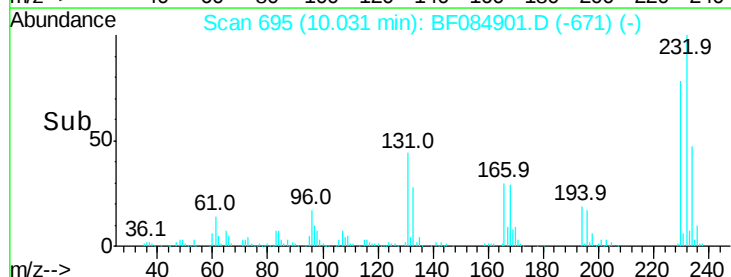
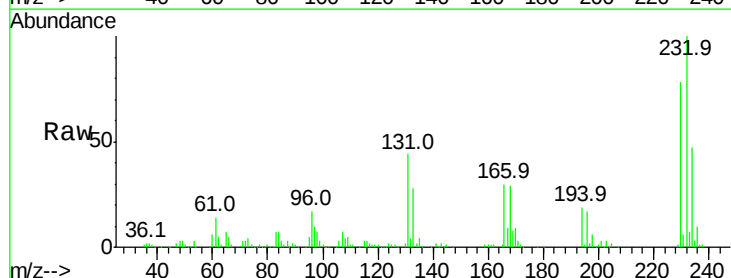
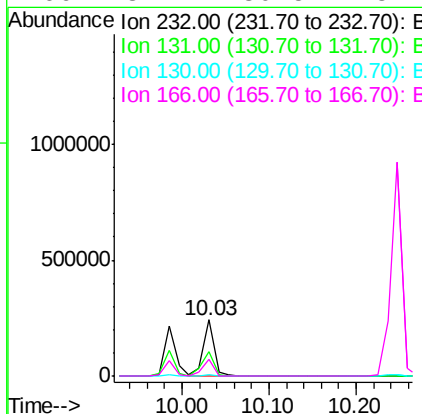
RT: 10.03 min Scan# 695

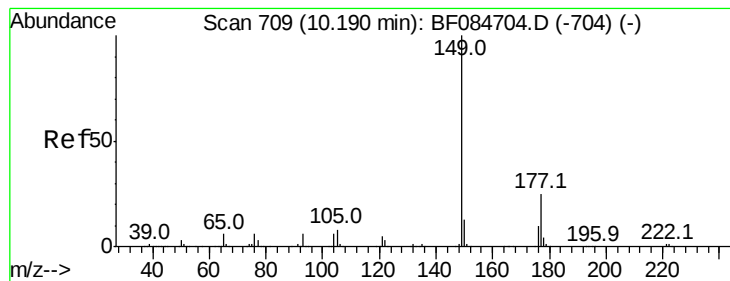
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	232	Resp:	203709
Ion Ratio	Lower	Upper	
232	100		
131	48.9	47.0	70.6
130	2.6	2.0	3.0
166	32.4	30.5	45.7





#59

Diethylphthalate

Concen: 37.18 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

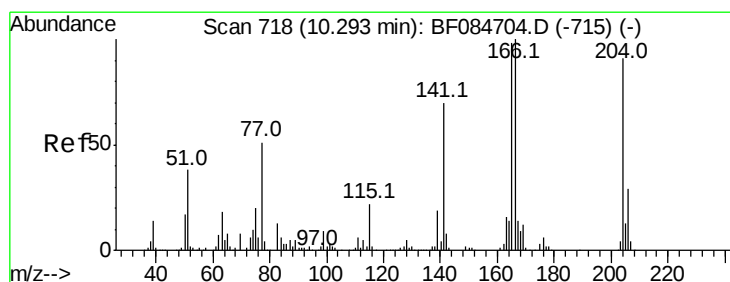
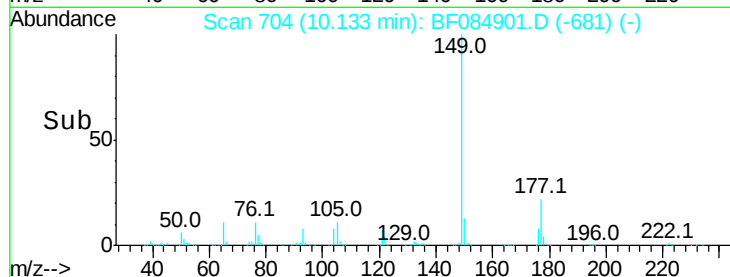
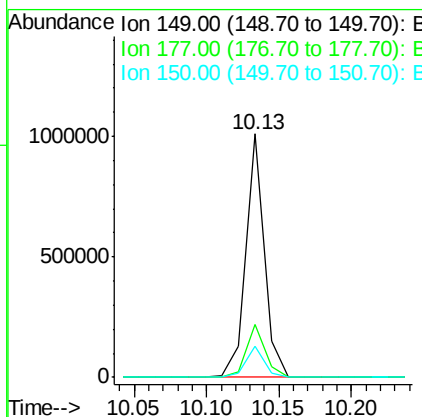
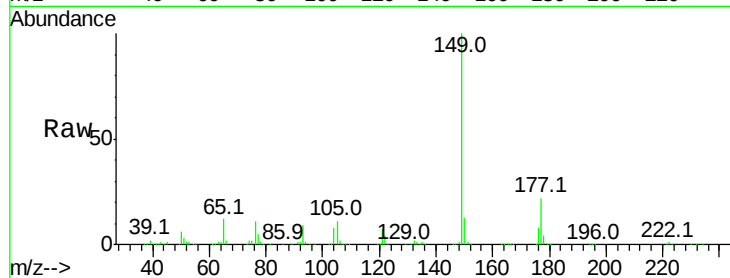
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	887046
Ion Ratio	Lower	Upper	
149	100		
177	21.6	17.3	25.9
150	12.7	9.8	14.8

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 45.28 ng

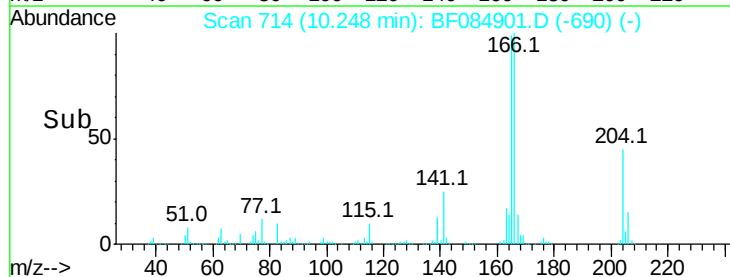
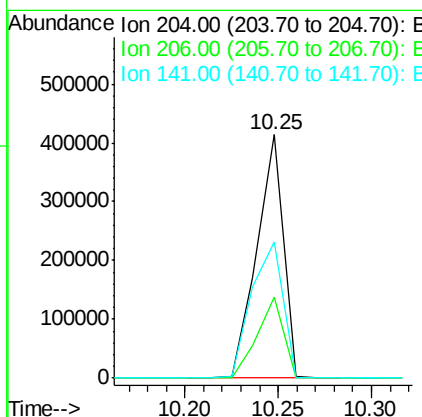
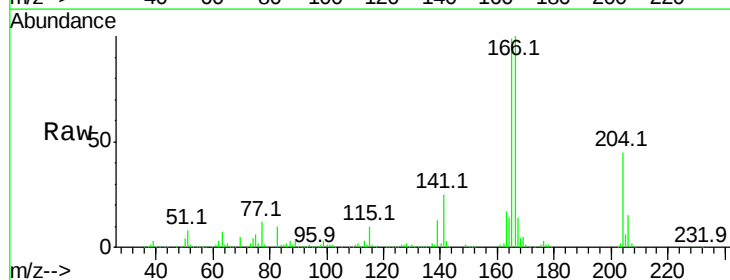
RT: 10.25 min Scan# 714

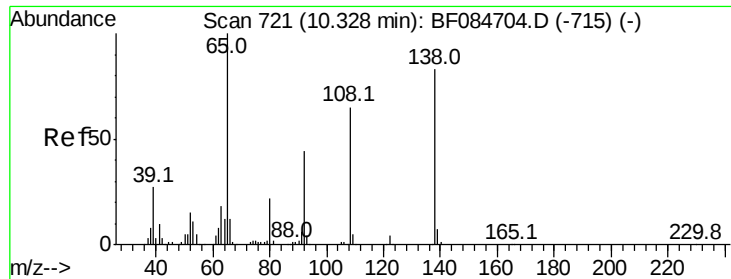
Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	204	Resp:	404056
Ion Ratio	Lower	Upper	
204	100		
206	33.1	25.7	38.5
141	55.7	55.1	82.7





#61

4-Nitroaniline

Concen: 40.63 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:138 Resp: 237460

Ion Ratio Lower Upper

138 100

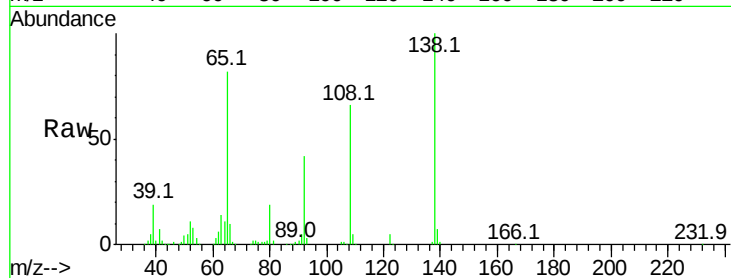
92 42.4 32.6 72.6

108 66.3 68.6 108.6#

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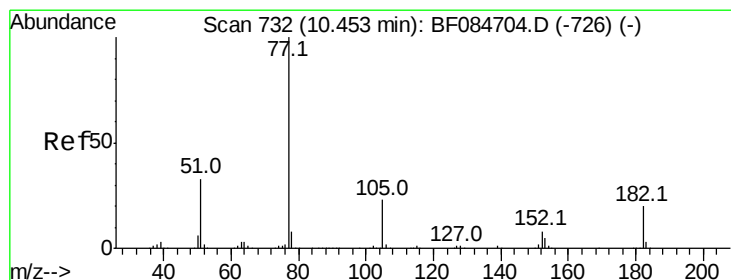
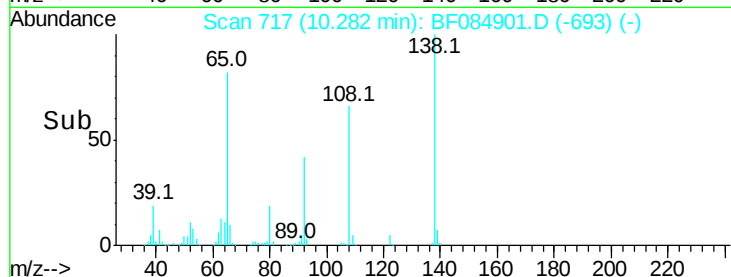
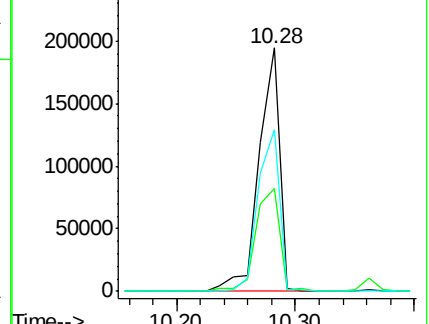
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.06 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion: 77 Resp: 850088

Ion Ratio Lower Upper

77 100

182 16.0 8.3 48.3

105 21.8 4.6 44.6

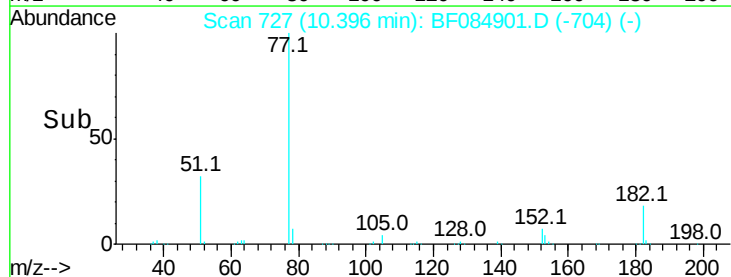
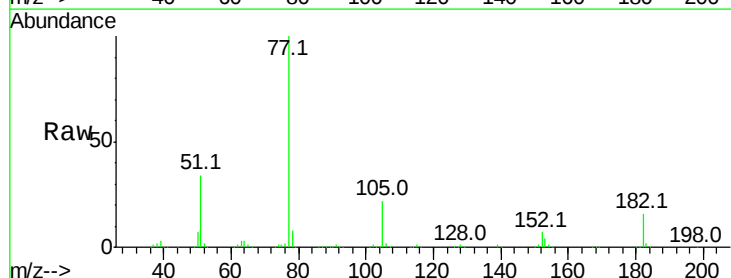
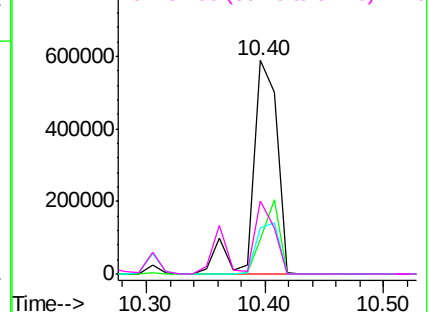
51 34.4 6.2 46.2

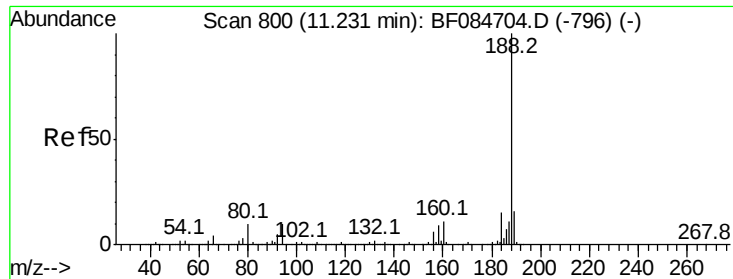
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





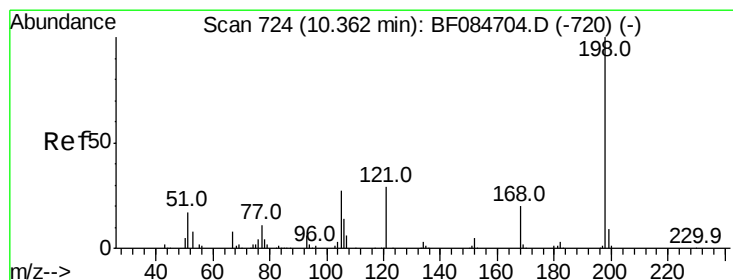
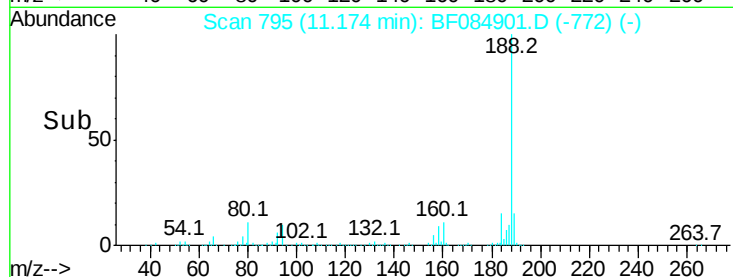
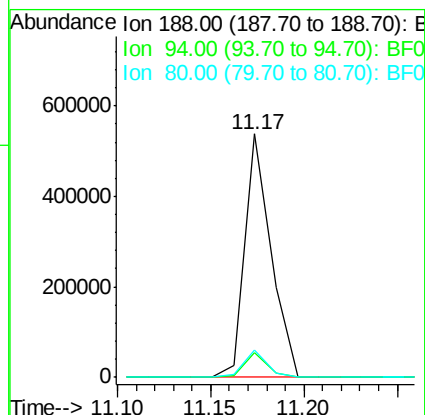
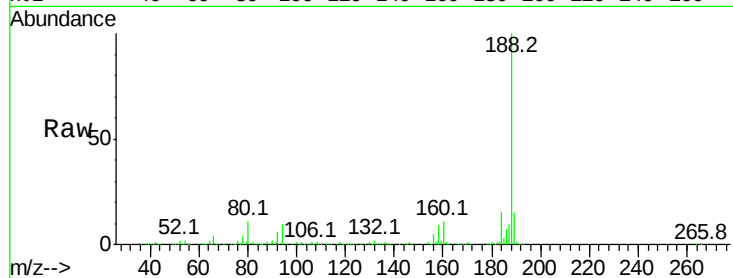
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	9.0	13.4
80	11.3	9.6	14.4

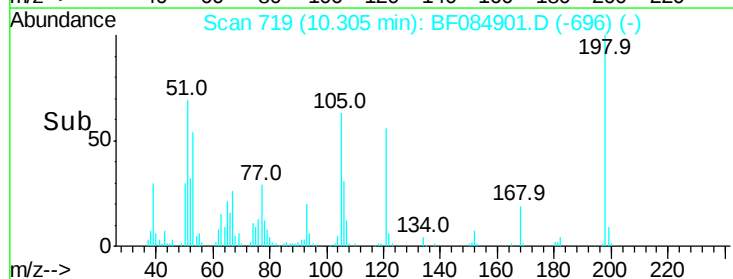
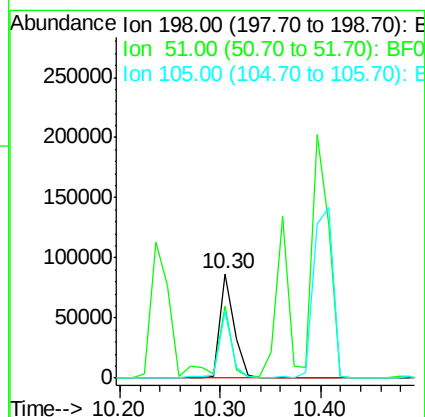
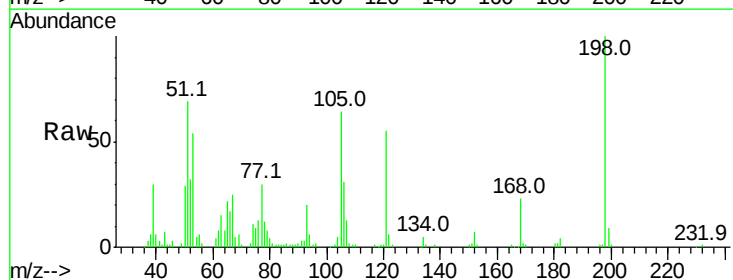
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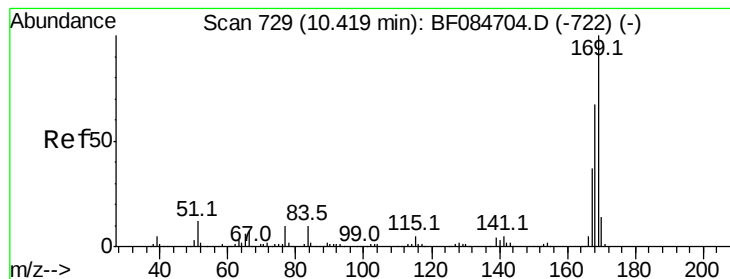
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#64
4,6-Dinitro-2-methylphenol
Concen: 26.73 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	69.3	18.9	58.9#
105	63.9	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 39.75 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

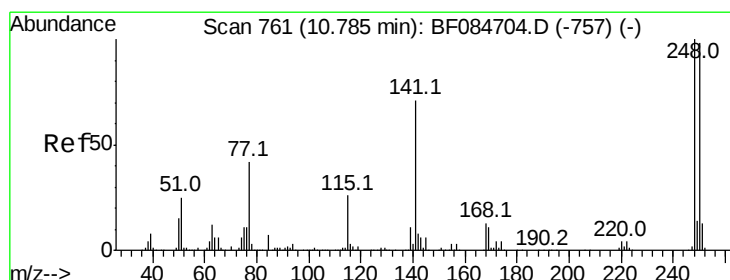
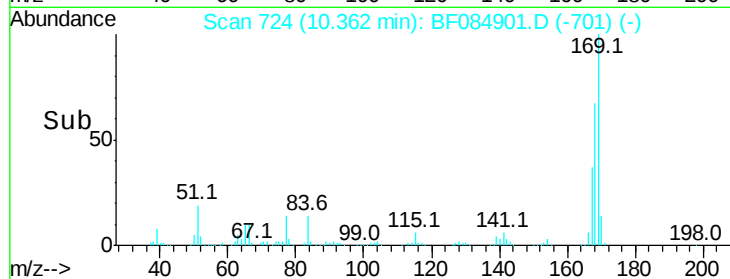
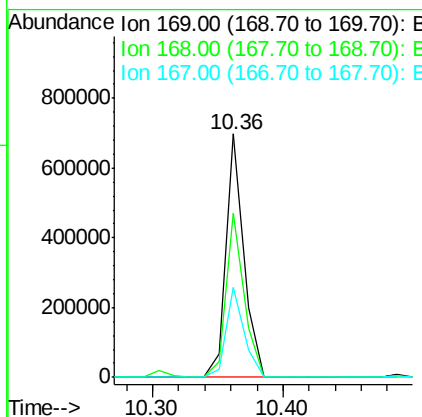
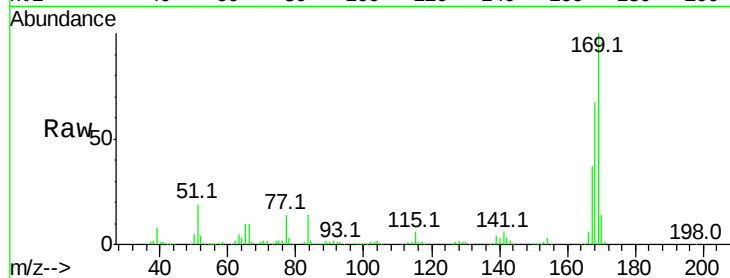
ClientSampleId :

SSTDCCC040EC

Tot Ion:	169	Resp:	663702
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.1	82.7
167	36.8	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.24 ng

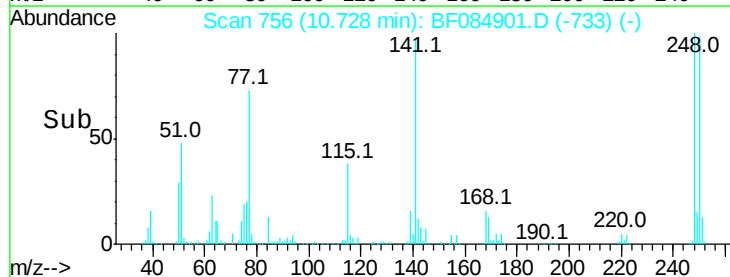
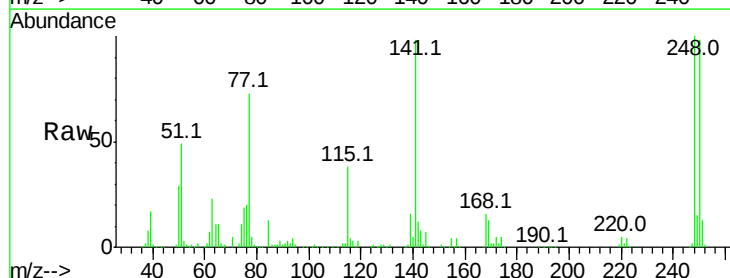
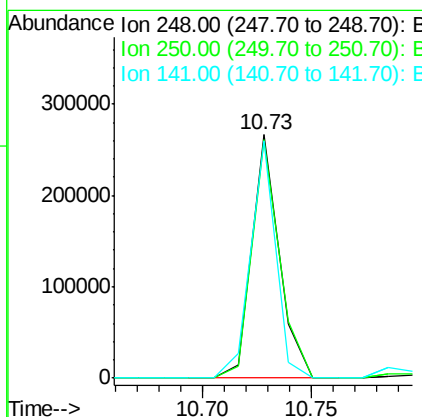
RT: 10.73 min Scan# 756

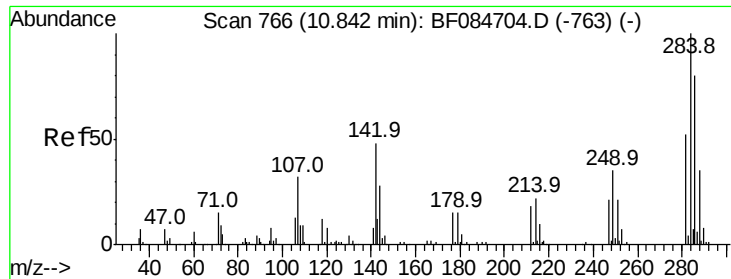
Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	248	Resp:	233722
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.4	117.6
141	97.6	44.0	66.0#





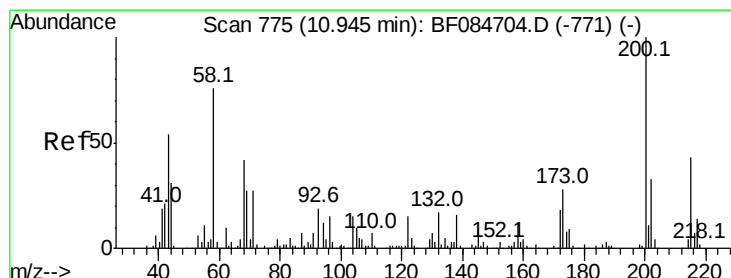
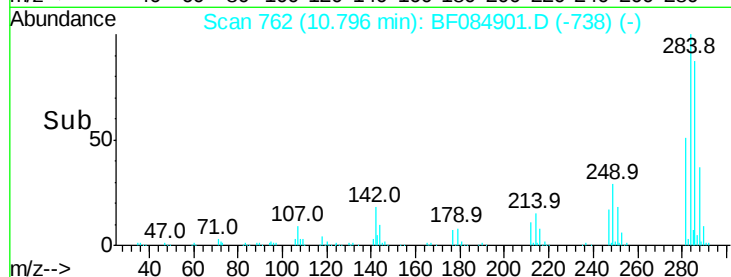
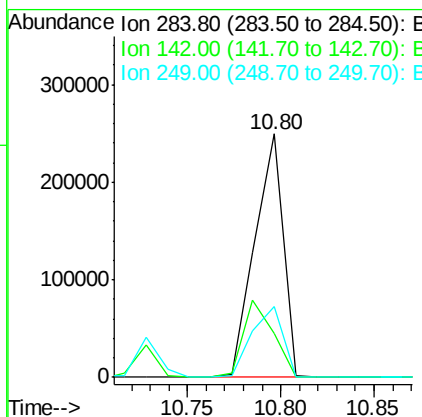
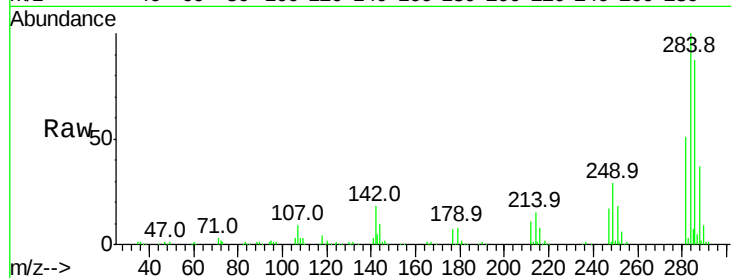
#67
Hexachlorobenzene
Concen: 41.47 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	18.2	22.2	33.4#
249	28.9	24.6	37.0

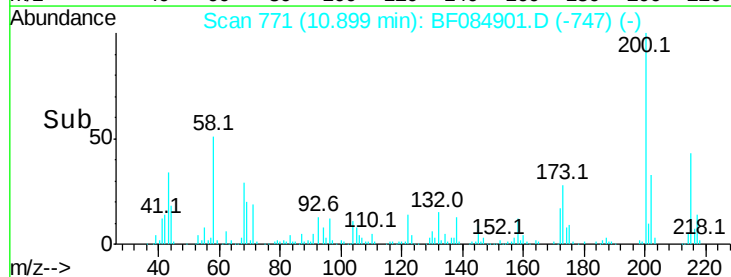
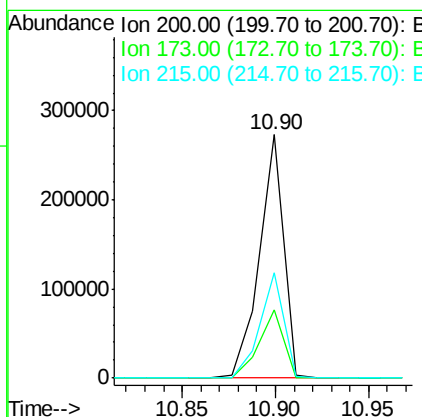
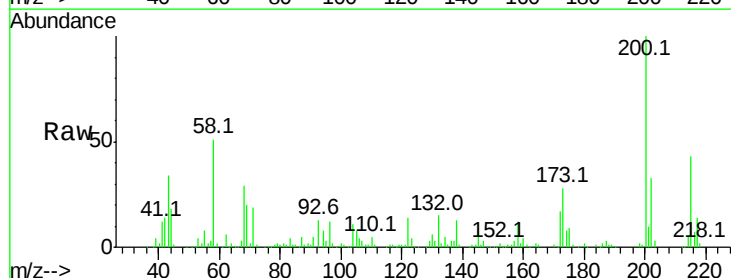
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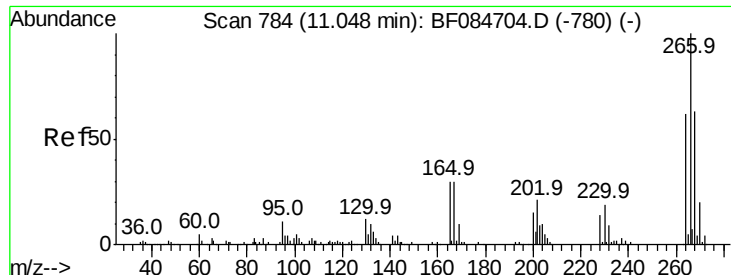
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#68
Atrazine
Concen: 46.08 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	9.5	49.5
215	43.4	23.8	63.8





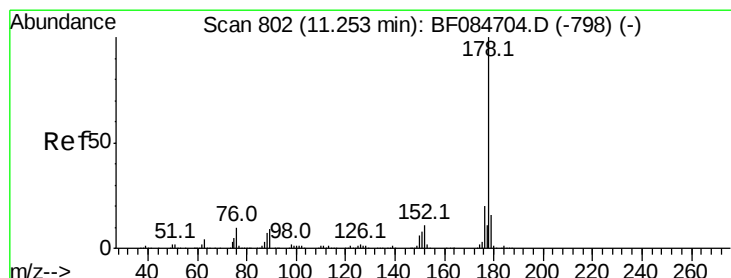
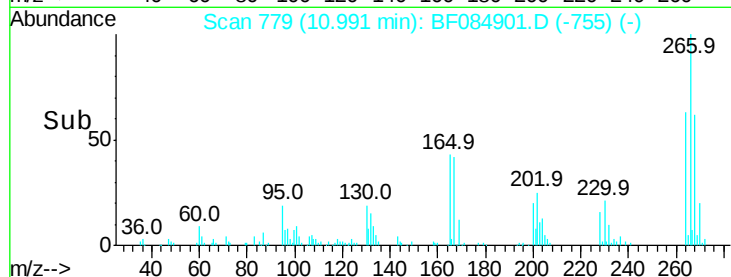
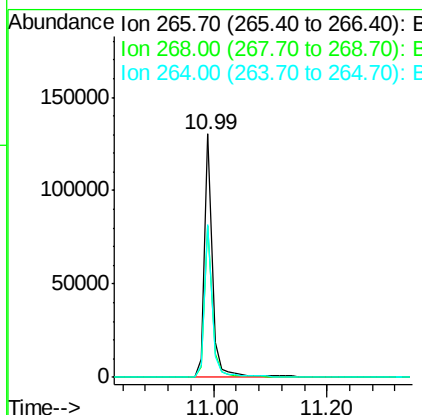
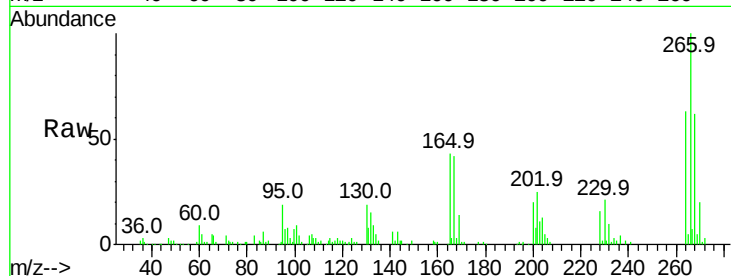
#69
 Pentachlorophenol
 Concen: 41.33 ng
 RT: 10.99 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	122941		
268	62.4	52.4	78.6	
264	62.6	50.2	75.2	

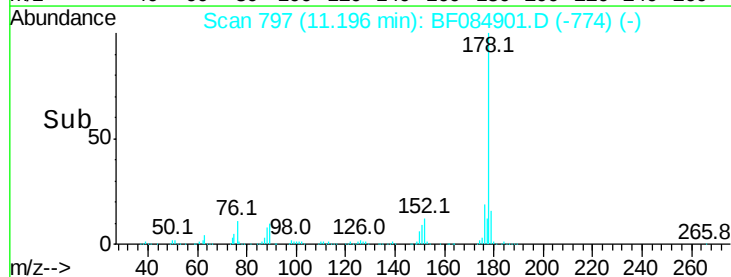
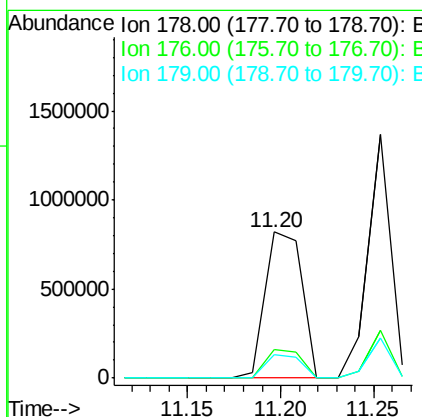
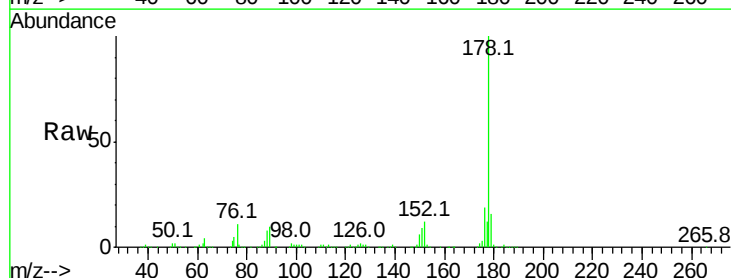
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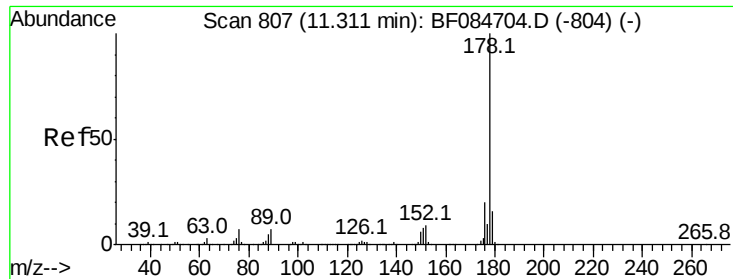
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#70
 Phenanthrene
 Concen: 38.25 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1115617		
176	19.4	15.3	22.9	
179	15.9	12.0	18.0	





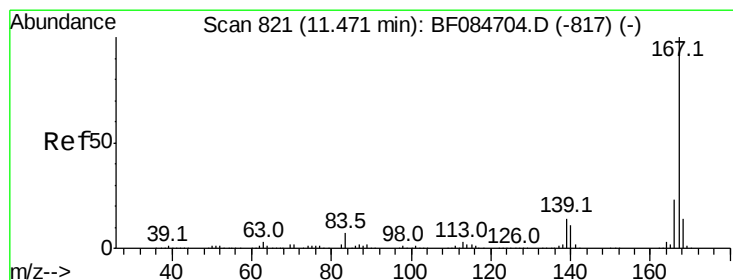
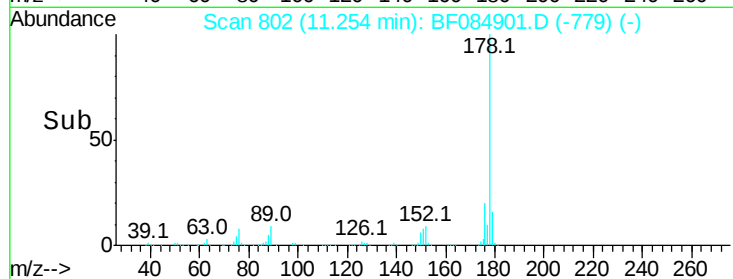
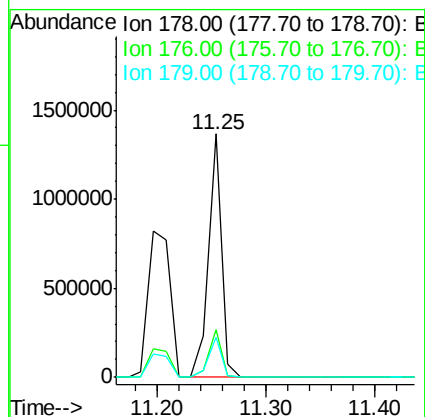
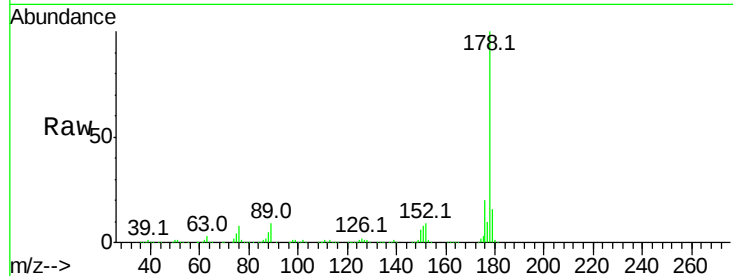
#71
 Anthracene
 Concen: 39.17 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1151201
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.0
 179 16.2 12.5 18.7

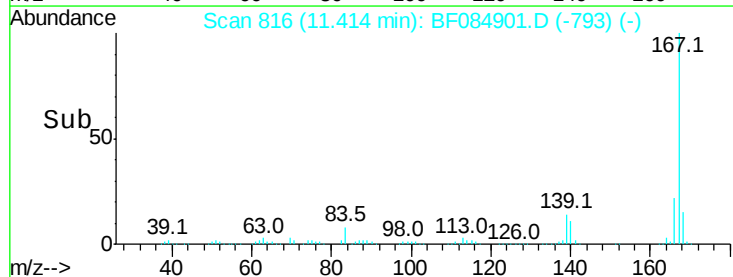
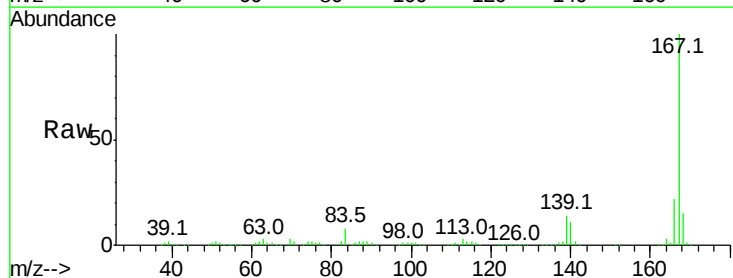
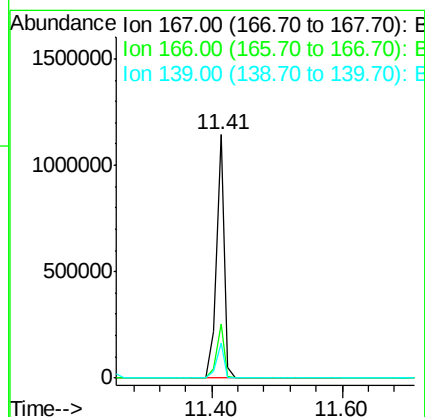
Manual Integrations
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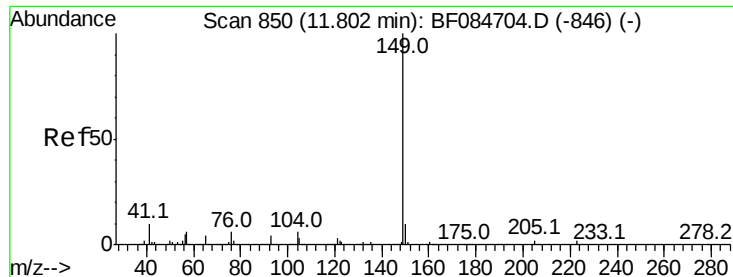
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#72
 Carbazole
 Concen: 38.09 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion:167 Resp: 976177
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 14.5 11.8 17.8





#73

Di-n-butylphthalate

Concen: 43.31 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

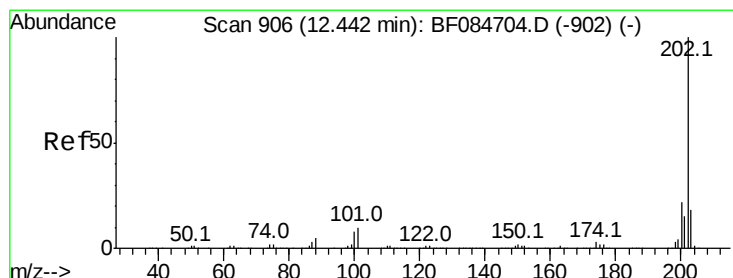
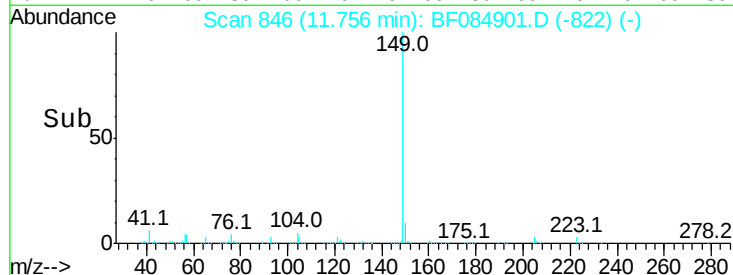
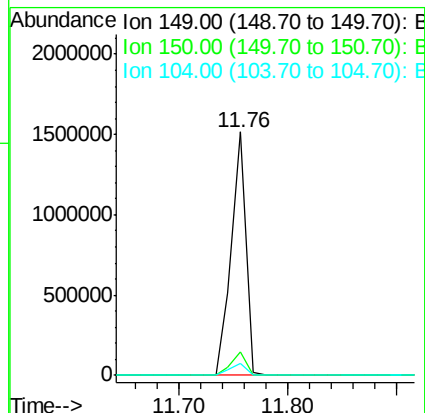
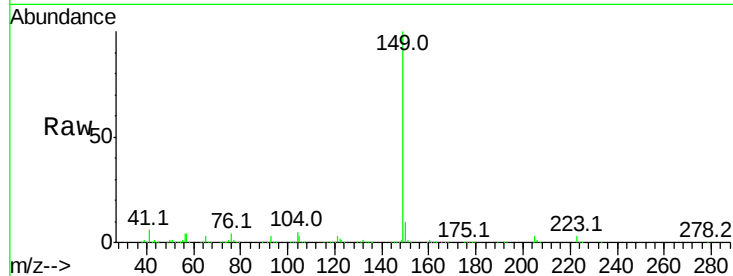
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	4.9	3.2	4.8#

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#74

Fluoranthene

Concen: 35.73 ng

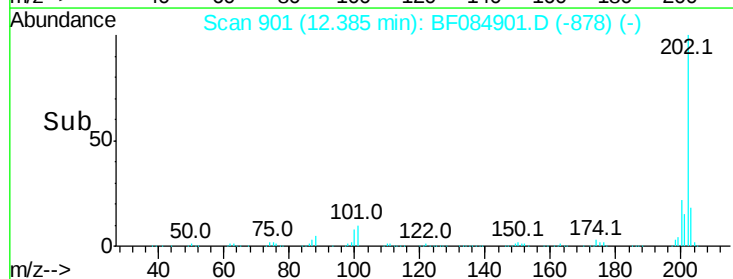
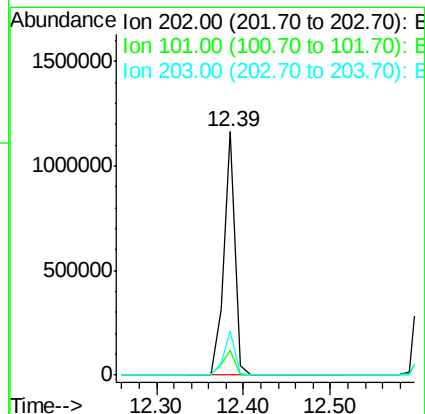
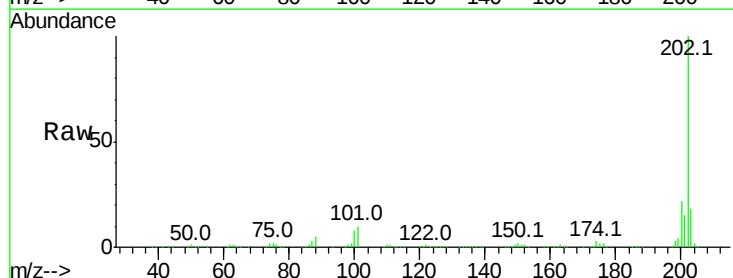
RT: 12.39 min Scan# 901

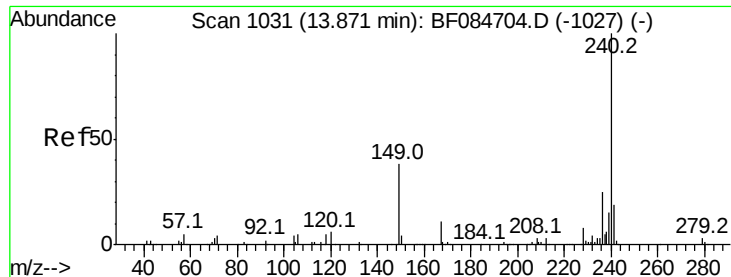
Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.8
203	18.3	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

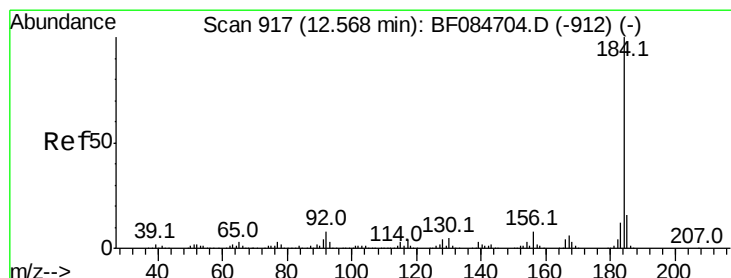
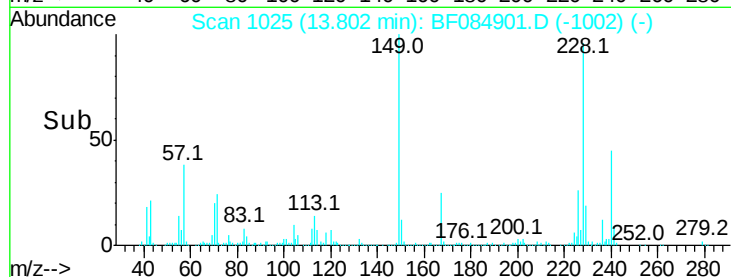
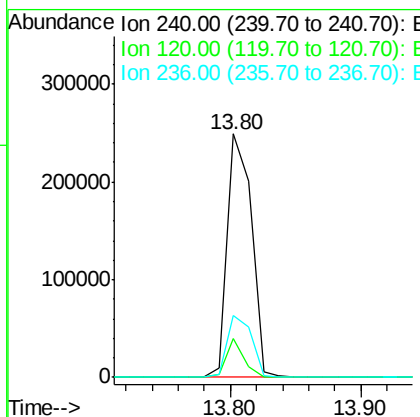
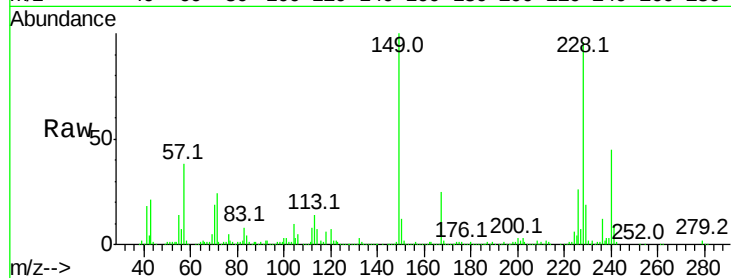
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	321618
Ion Ratio		Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.6	20.6	31.0

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#76

Benzidine

Concen: 45.44 ng

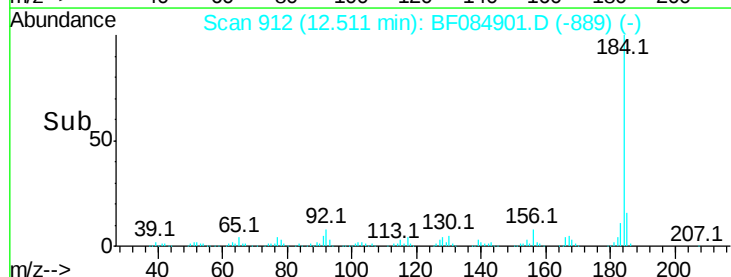
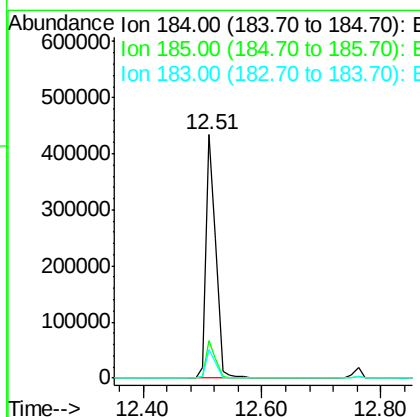
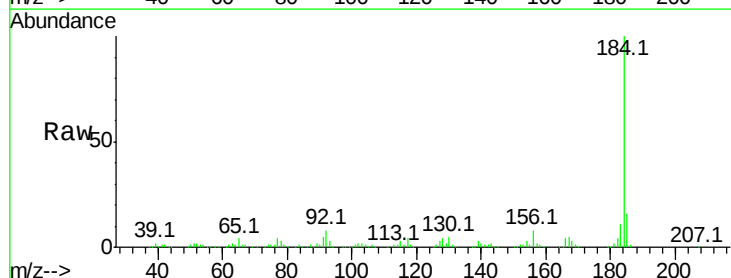
RT: 12.51 min Scan# 912

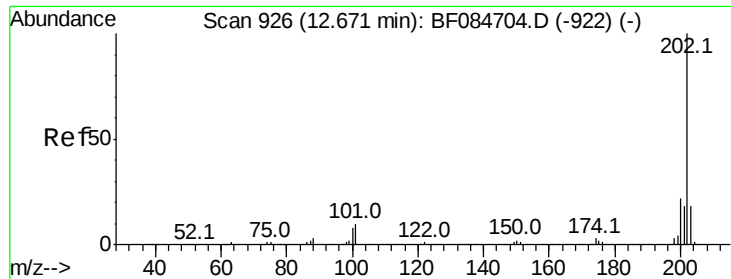
Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Tgt Ion:	184	Resp:	504275
Ion Ratio		Lower	Upper
184	100		
185	15.5	12.2	18.2
183	11.5	9.8	14.8





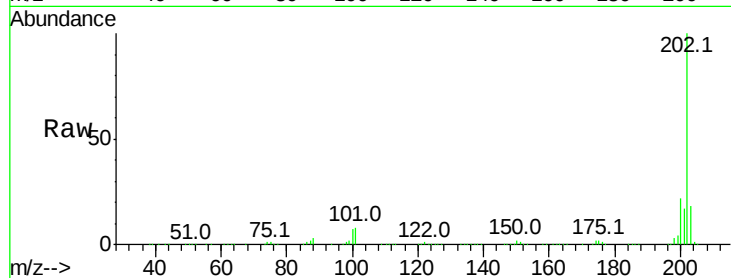
#77
Pvrene
Concen: 42.50 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

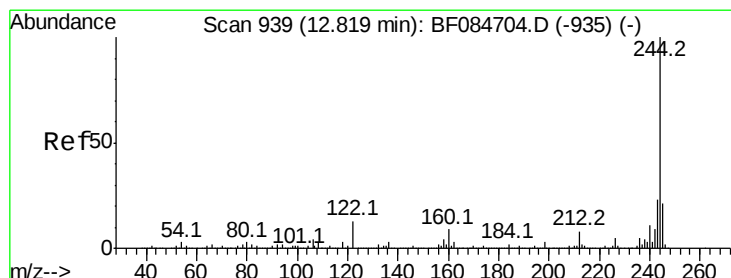
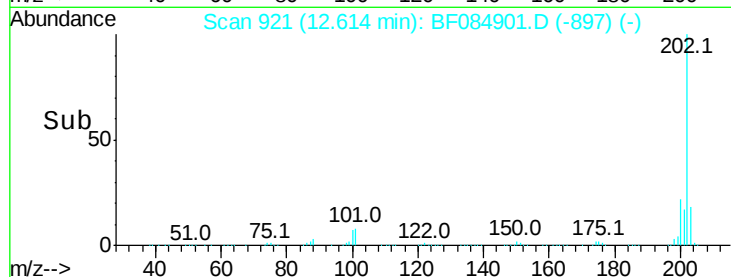
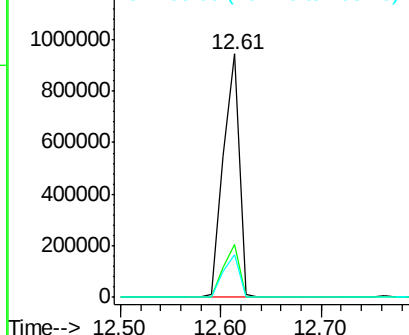
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.7	14.3	21.5

Manual Integrations
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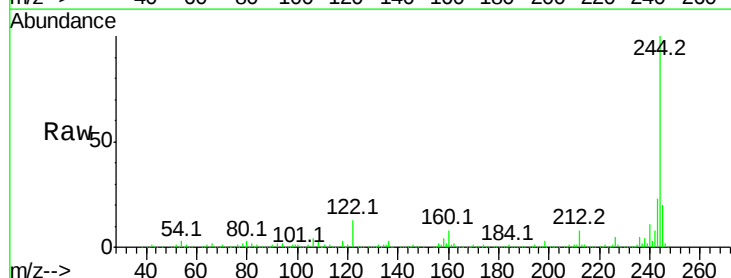


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

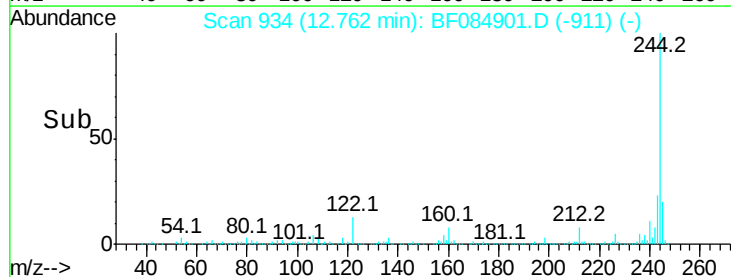
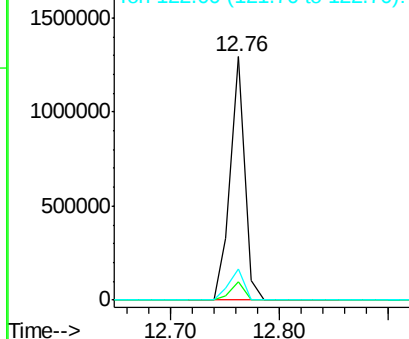


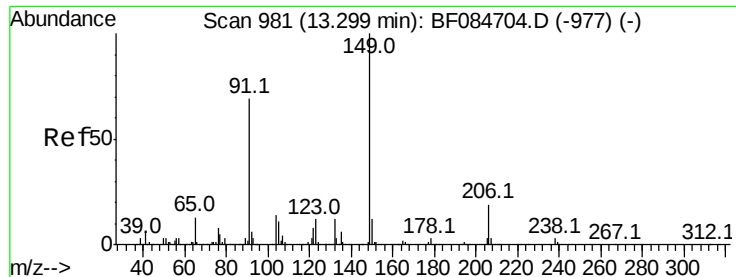
#78
Terphenyl-d14
Concen: 83.89 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.6	7.4	11.0#



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





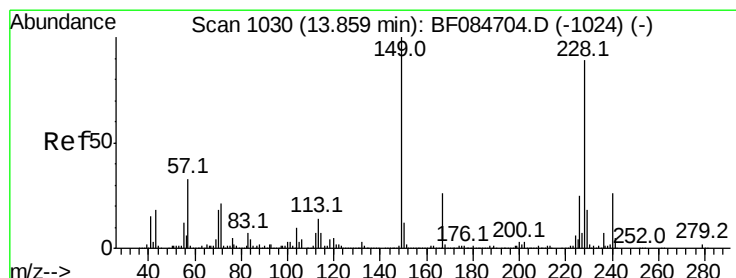
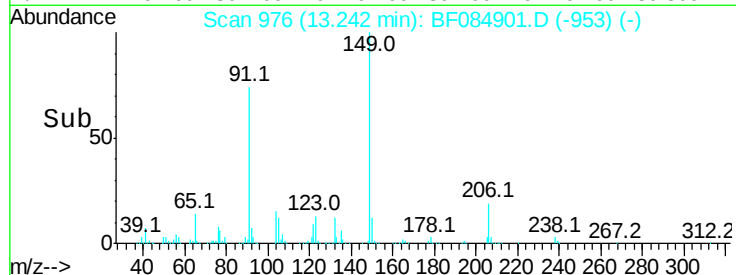
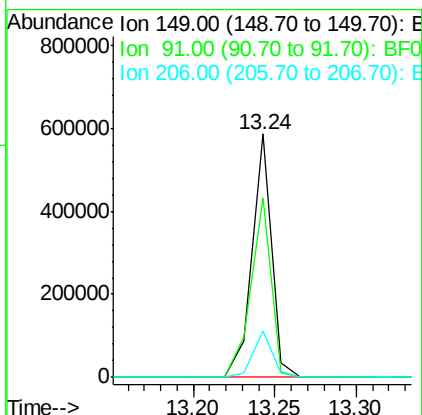
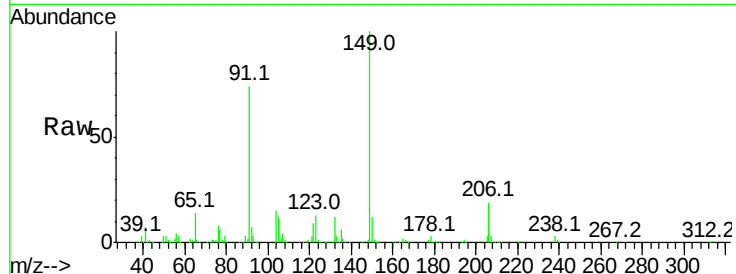
#79
Butylbenzylphthalate
Concen: 43.64 ng
RT: 13.24 min Scan# 976
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	487479		
91	73.6	57.6	86.4	
206	18.9	13.2	19.8	

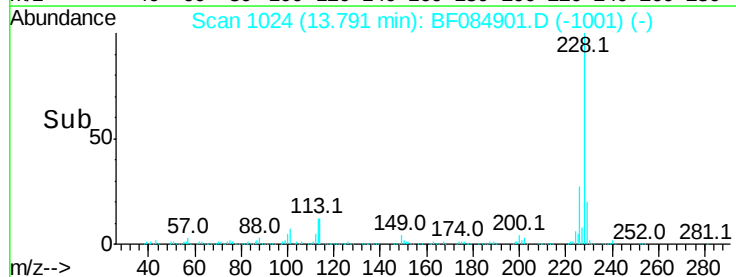
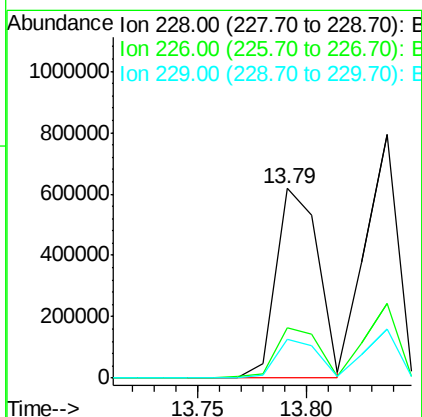
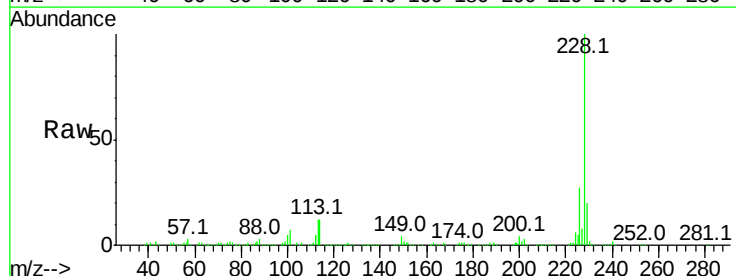
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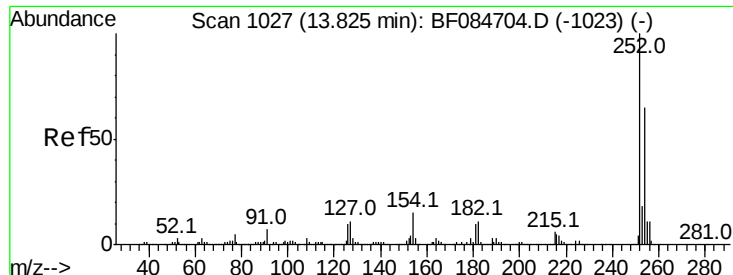
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#80
Benzo(a)anthracene
Concen: 41.70 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	832421		
226	26.7	21.8	32.6	
229	20.2	15.8	23.8	





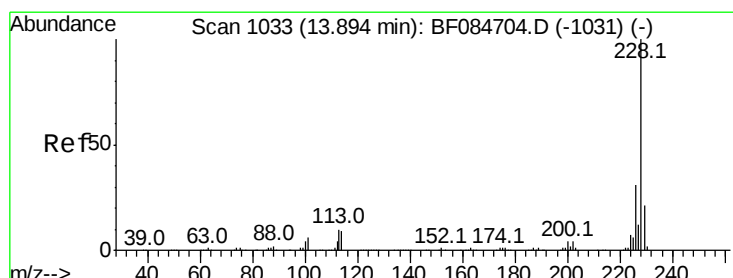
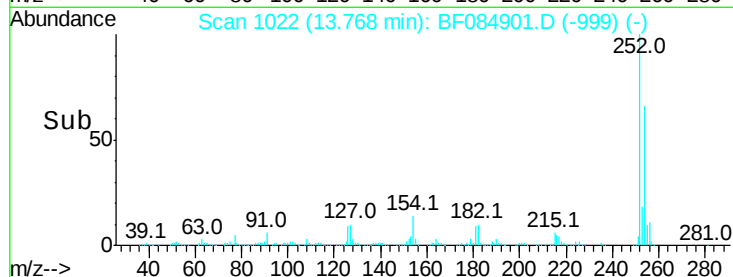
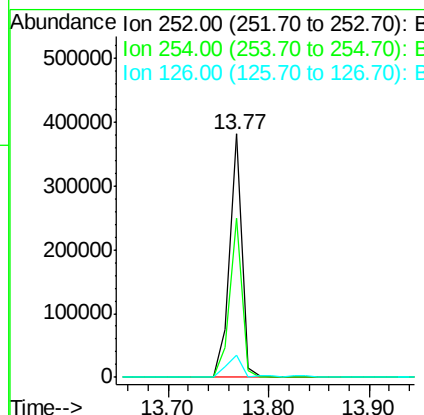
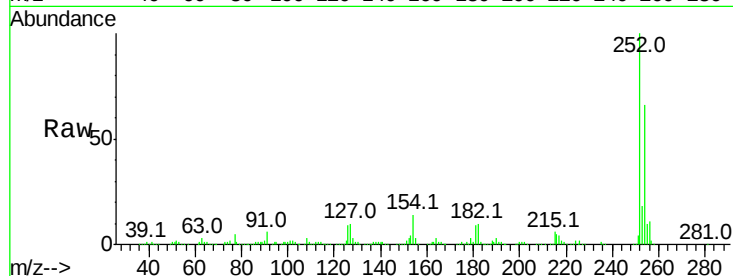
#81
 3,3'-Dichlorobenzidine
 Concen: 46.31 ng
 RT: 13.77 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	53.5	80.3
126	9.3	4.9	7.3

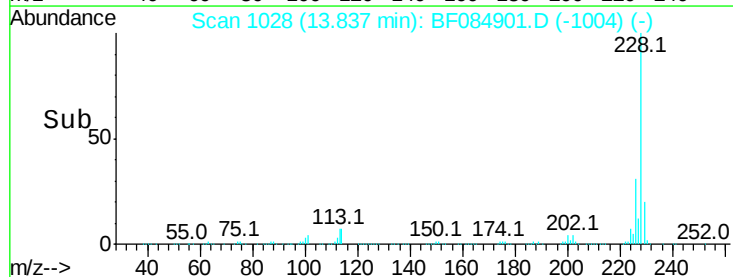
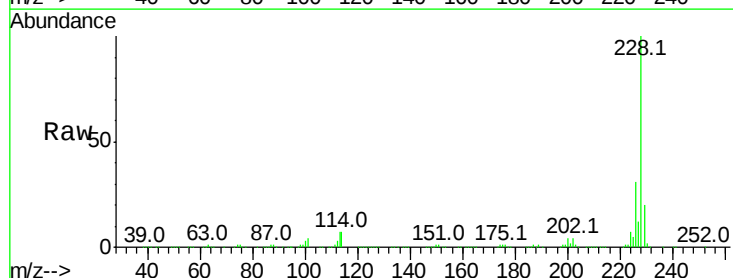
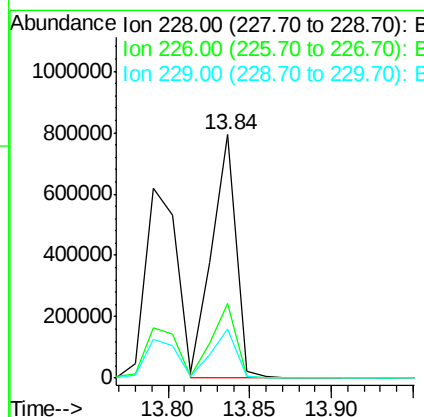
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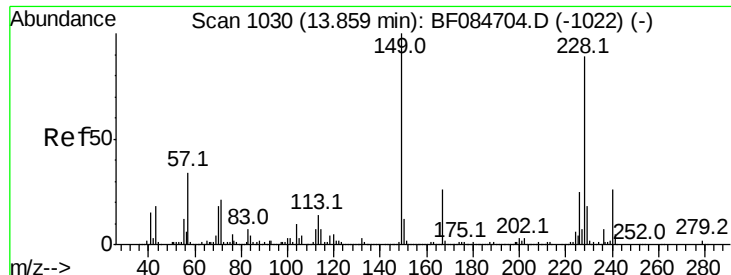
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#82
 Chrysene
 Concen: 42.43 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.6	24.3	36.5
229	19.9	16.1	24.1





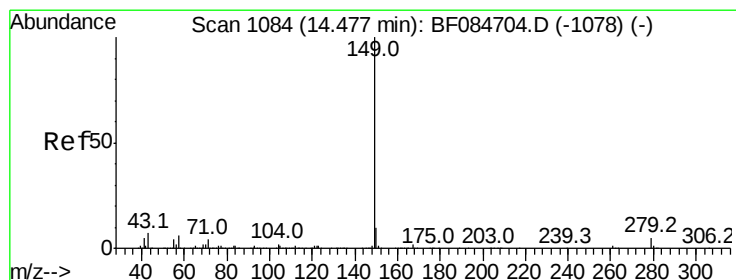
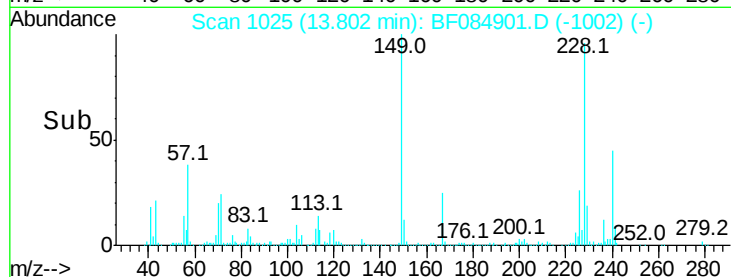
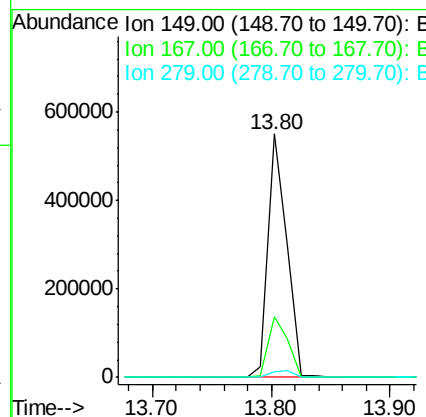
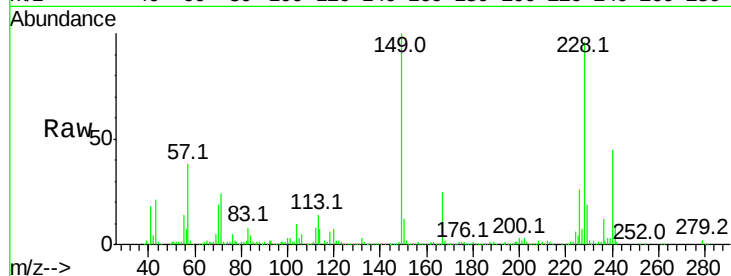
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.69 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	607324		
167	25.1	19.7	29.5	
279	2.2	1.8	2.6	

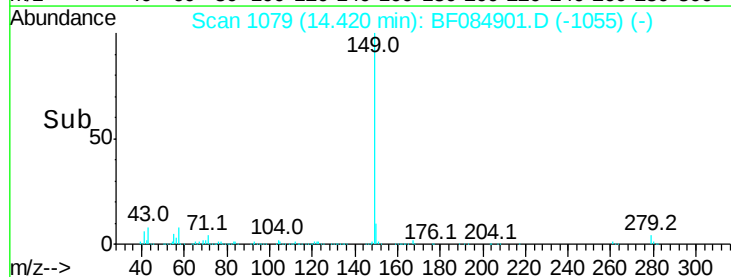
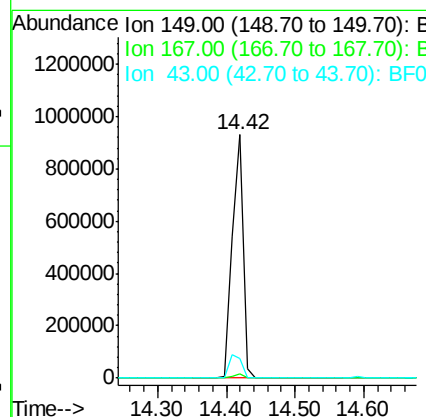
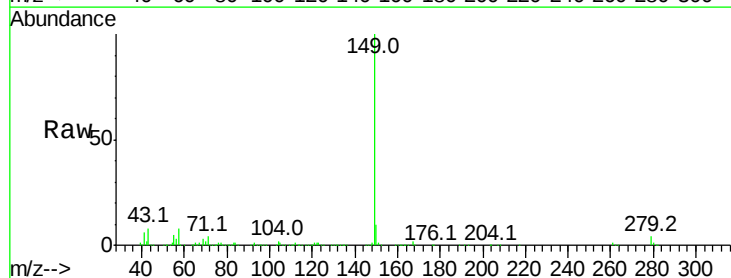
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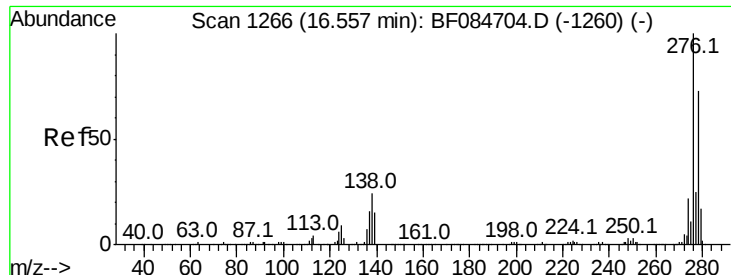
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#84
 Di-n-octyl phthalate
 Concen: 45.49 ng
 RT: 14.42 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1043200		
167	1.5	1.2	1.8	
43	11.2	5.6	8.4#	





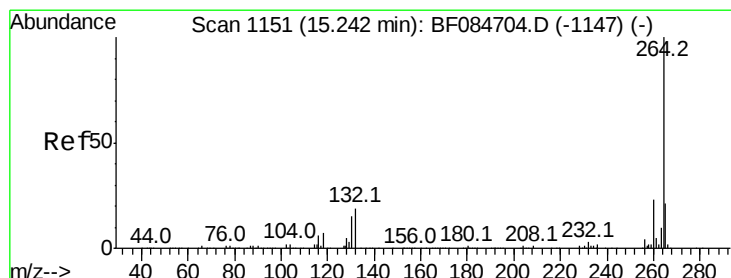
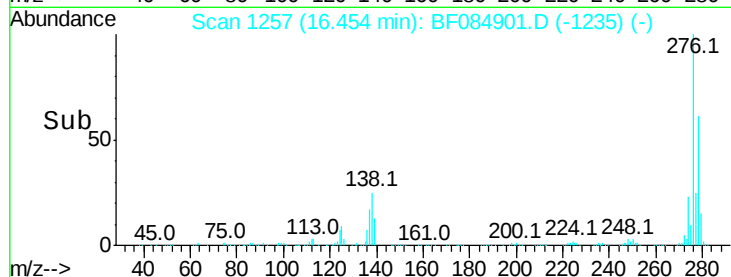
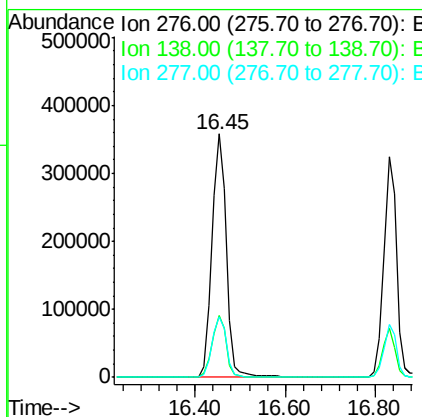
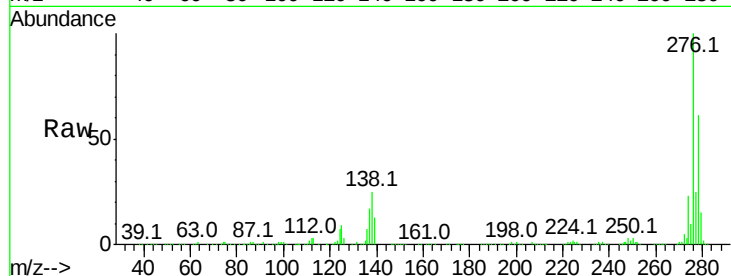
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.49 ng
 RT: 16.45 min Scan# 1257
 Delta R.T. -0.05 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100	799775		
138	24.8	20.6	30.8	
277	24.9	20.1	30.1	

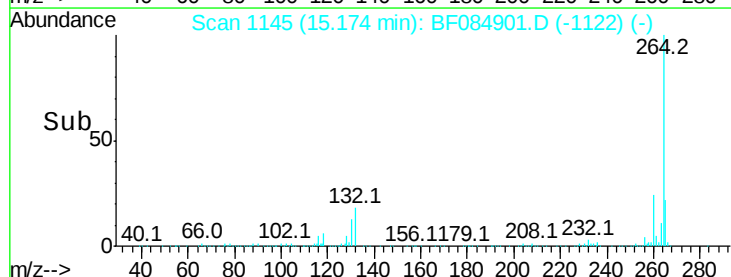
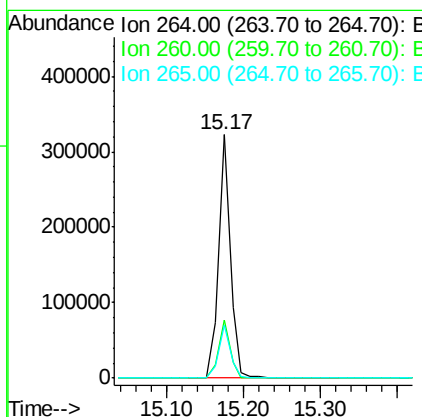
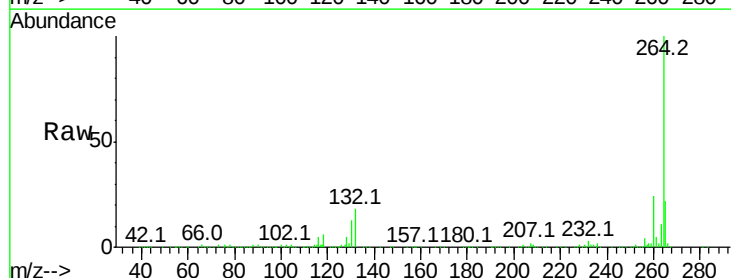
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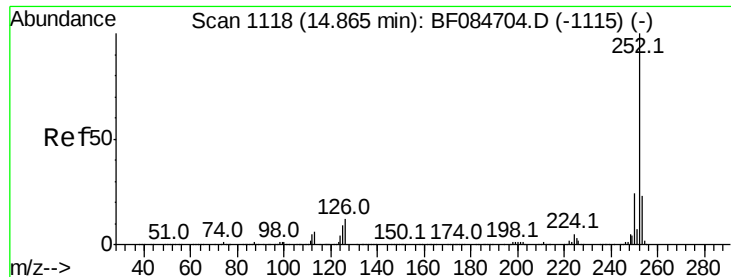
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF084901.D
 Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	347539		
260	23.8	19.4	29.2	
265	21.7	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 43.62 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1018650

Ion Ratio Lower Upper

252 100

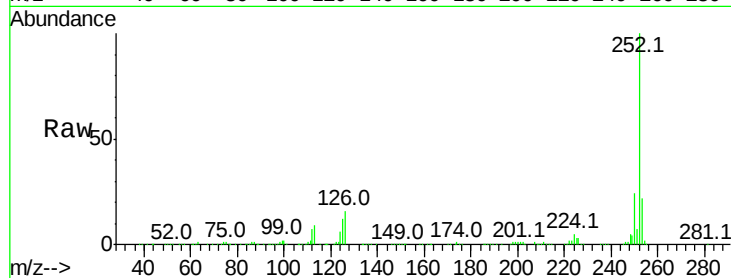
253 22.2 17.3 25.9

125 12.5 6.5 9.7#

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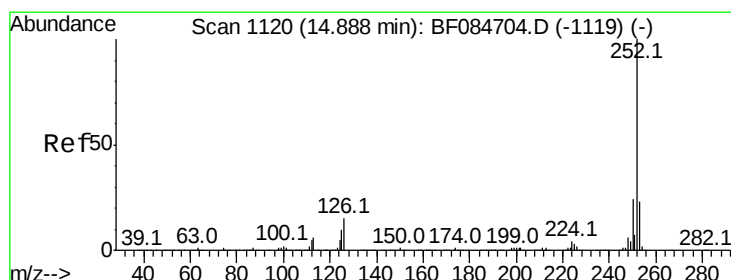
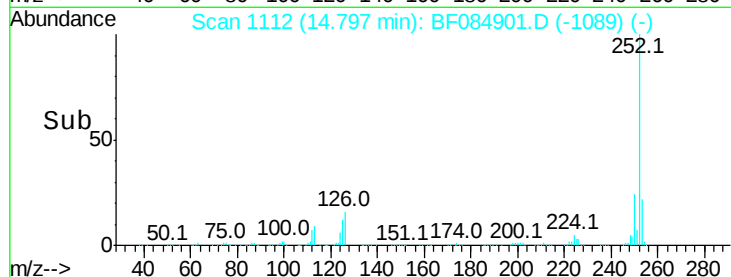
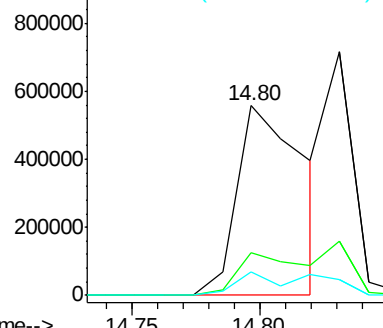
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 27.65 ng m

RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

Lab File: BF084901.D

Acq: 6 Feb 2016 10:22

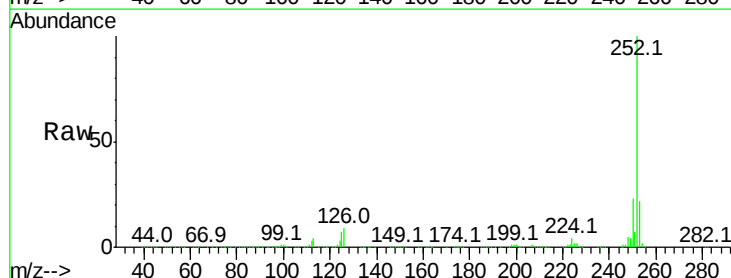
Tgt Ion:252 Resp: 533850

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

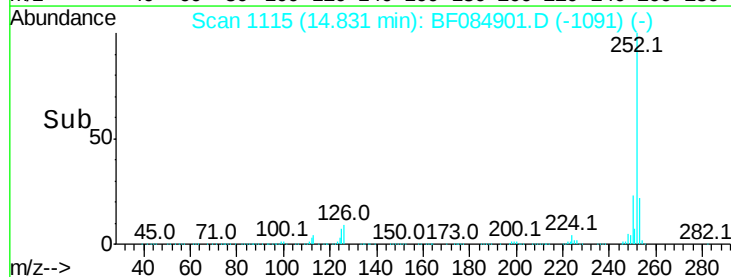
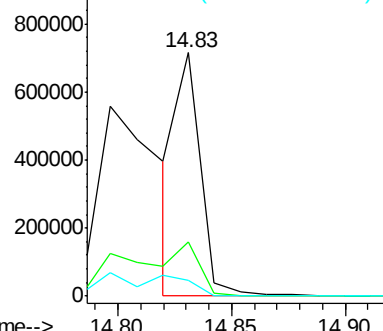
125 6.5 9.0 13.6#

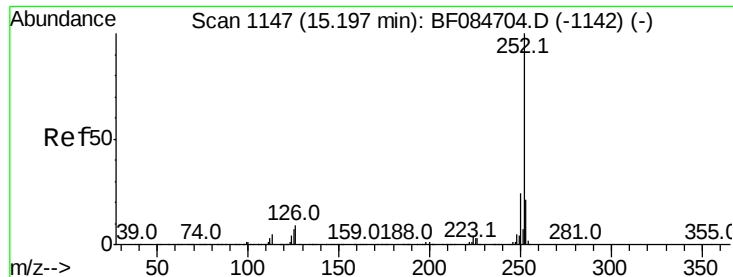


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





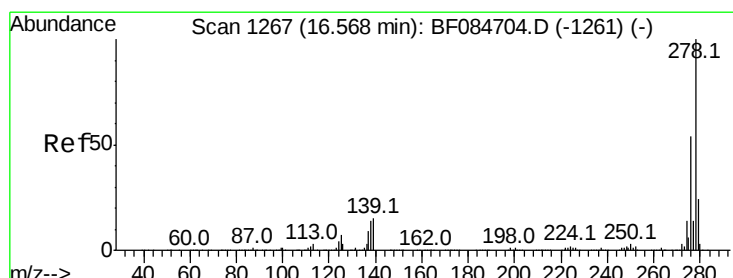
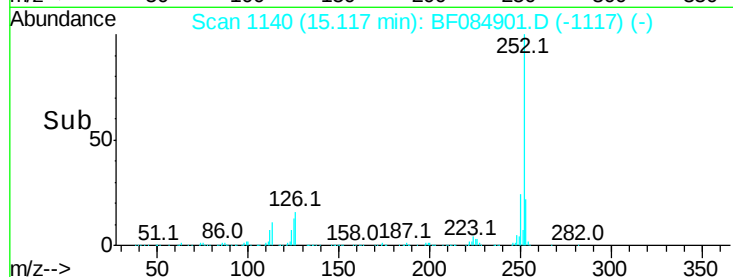
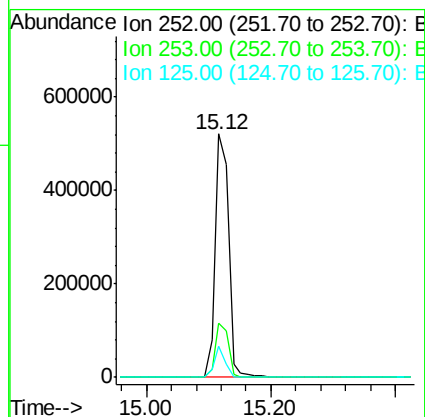
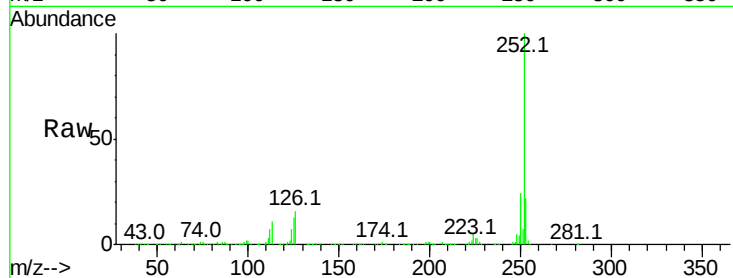
#89
Benzo(a)pyrene
Concen: 38.30 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	12.8	7.0	10.4

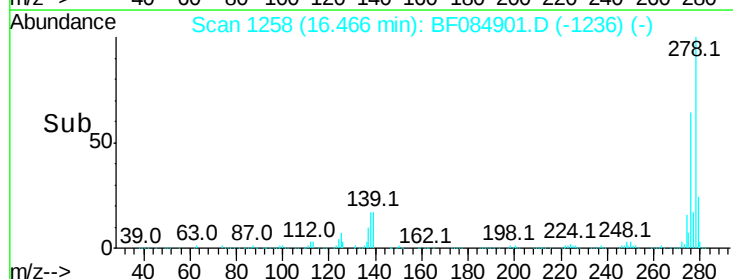
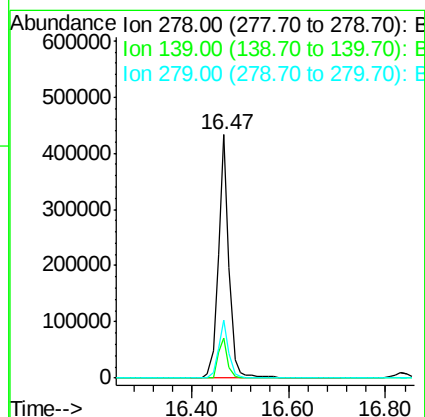
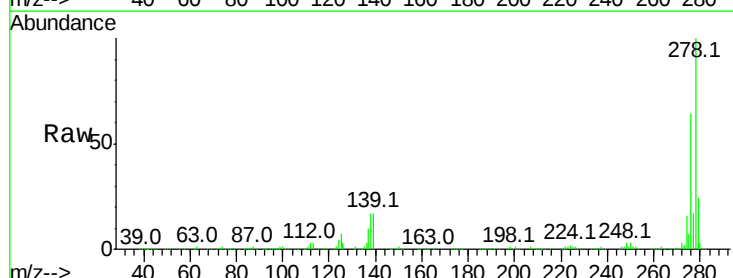
Manual Integrations
APPROVED

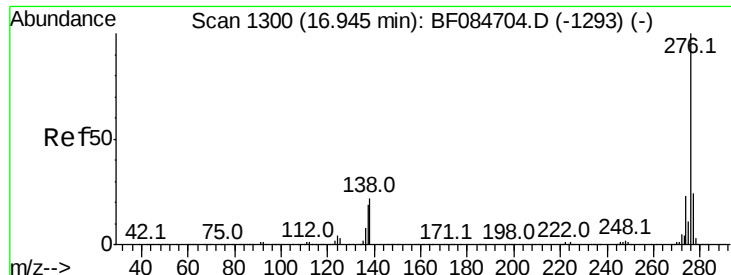
UMANGI
2/8/2016 3:03:37 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.05 ng
RT: 16.47 min Scan# 1258
Delta R.T. -0.05 min
Lab File: BF084901.D
Acq: 6 Feb 2016 10:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.0	22.4
279	23.6	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 38.97 ng

RT: 16.83 min Scan# 1290

Delta R.T. -0.06 min

Lab File: BF084901.D

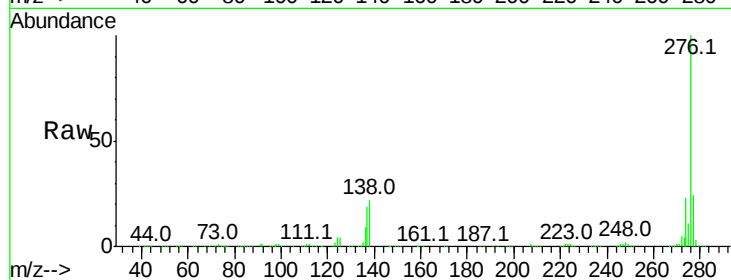
Acq: 6 Feb 2016 10:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
276	100	657543		
277	23.8		18.8	28.2
138	22.3		17.8	26.6

Manual Integrations
APPROVED

UMANGI
2/8/2016 3:03:37 PM

