

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084747.D
 Acq On : 2 Feb 2016 10:44
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMDadoda
 2/3/2016 6:25:32 PM

Quant Time: Feb 03 02:28:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	157268	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	637300	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	300636	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	567703	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	387122	20.00	ng	-0.02
86) Perylene-d12	15.23	264	347934	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	811635	80.39	ng	-0.02
7) Phenol-d6	6.35	99	941642	75.23	ng	-0.02
23) Nitrobenzene-d5	7.28	82	942504	83.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	261302	83.33	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1591187	91.47	ng	-0.02
78) Terphenyl-d14	12.81	244	1513596	88.60	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	169887	38.41	ng	# 79
3) Pyridine	2.86	79	514848	44.68	ng	# 75
4) n-Nitrosodimethylamine	2.81	42	230308	38.64	ng	79
6) Aniline	6.36	93	597262	38.99	ng	# 75
8) 2-Chlorophenol	6.49	128	470704	41.19	ng	96
9) Benzaldehyde	6.25	77	299459	40.51	ng	89
10) Phenol	6.36	94	486529	34.70	ng	# 48
11) bis(2-Chloroethyl)ether	6.44	93	412430m	37.72	ng	
12) 1,3-Dichlorobenzene	6.64	146	460716m	38.16	ng	
13) 1,4-Dichlorobenzene	6.72	146	478052	39.60	ng	95
14) 1,2-Dichlorobenzene	6.88	146	434112	38.61	ng	95
15) Benzyl Alcohol	6.85	79	336093	38.88	ng	90
16) 2,2'-oxybis(1-Chloropropan	6.99	45	703203	38.23	ng	86
17) 2-Methylphenol	6.98	107	368774	40.80	ng	# 91
18) Hexachloroethane	7.21	117	179261	38.56	ng	# 89
19) n-Nitroso-di-n-propylamine	7.13	70	299574	38.18	ng	# 74
20) 3+4-Methylphenols	7.13	107	443093	39.50	ng	# 66
22) Acetophenone	7.12	105	636337	37.88	ng	# 97
24) Nitrobenzene	7.29	77	429427	35.45	ng	92
25) Isophorone	7.54	82	871775	39.63	ng	96
26) 2-Nitrophenol	7.61	139	240169	40.20	ng	# 86
27) 2,4-Dimethylphenol	7.66	122	392802	37.79	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	477971	36.62	ng	99
29) 2,4-Dichlorophenol	7.86	162	370118	41.62	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	375324	37.37	ng	97
31) Naphthalene	8.01	128	1154671	36.12	ng	99
32) Benzoic acid	7.78	122	211785	31.86	ng	93
33) 4-Chloroaniline	8.06	127	470985	35.62	ng	98
34) Hexachlorobutadiene	8.13	225	233340	40.29	ng	98
35) Caprolactam	8.44	113	106243	38.76	ng	# 47
36) 4-Chloro-3-methylphenol	8.56	107	372194	36.69	ng	92
37) 2-Methylnaphthalene	8.70	142	824428	41.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	358655	37.56	ng	98
40) Hexachlorocyclopentadiene	8.85	237	139596	41.55	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

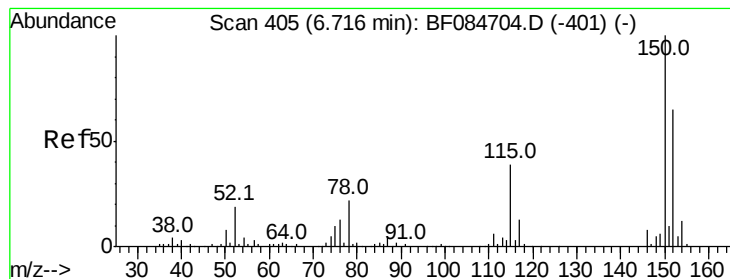
Manual Integrations
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 2/3/2016 6:25:32 PM

Quant Time: Feb 03 02:28:14 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 01 14:55:11 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	245056	39.84	nq	90
43) 2,4,5-Trichlorophenol	9.02	196	241543	38.65	nq	# 83
45) 1,1'-Biphenyl	9.17	154	1045563	38.94	nq	94
46) 2-Chloronaphthalene	9.18	162	752949	38.08	nq	97
47) 2-Nitroaniline	9.29	65	225089	35.95	nq	98
48) Acenaphthylene	9.61	152	1169622	38.98	nq	99
49) Dimethylphthalate	9.48	163	918125	40.10	nq	# 91
50) 2,6-Dinitrotoluene	9.54	165	212831	42.55	nq	92
51) Acenaphthene	9.78	154	745711	38.20	nq	98
52) 3-Nitroaniline	9.70	138	198621	35.34	nq	97
53) 2,4-Dinitrophenol	9.81	184	72552	34.95	nq	# 83
54) Dibenzofuran	9.95	168	931707	39.05	nq	96
55) 4-Nitrophenol	9.88	139	171585	41.54	nq	93
56) 2,4-Dinitrotoluene	9.94	165	274909	43.09	nq	# 94
57) Fluorene	10.28	166	771595	38.72	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	182266	38.31	nq	92
59) Diethylphthalate	10.17	149	866580	38.76	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	359026	42.48	nq	94
61) 4-Nitroaniline	10.32	138	230713	42.12	nq	92
62) Azobenzene	10.44	77	892909	41.53	nq	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	118379	33.79	nq	# 49
65) n-Nitrosodiphenylamine	10.41	169	753168	41.78	nq	99
66) 4-Bromophenyl-phenylether	10.77	248	265255	42.30	nq	96
67) Hexachlorobenzene	10.83	284	253064	37.04	nq	# 86
68) Atrazine	10.93	200	195712	34.38	nq	98
69) Pentachlorophenol	11.02	266	113352	35.30	nq	98
70) Phenanthrene	11.24	178	1147154	36.43	nq	98
71) Anthracene	11.30	178	1306857	41.19	nq	100
72) Carbazole	11.46	167	1127874	40.77	nq	98
73) Di-n-butylphthalate	11.79	149	1275621	36.22	nq	# 97
74) Fluoranthene	12.43	202	1304519	40.93	nq	94
76) Benzidine	12.56	184	616918	46.37	nq	98
77) Pyrene	12.66	202	1273516	42.97	nq	99
79) Butylbenzylphthalate	13.29	149	565614	42.07	nq	# 90
80) Benzo(a)anthracene	13.84	228	975935	40.62	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	389010	45.73	nq	95
82) Chrysene	13.88	228	973926	41.80	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	656856	39.26	nq	# 97
84) Di-n-octyl phthalate	14.45	149	1021349	37.00	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.53	276	841708	45.90	nq	99
87) Benzo(b)fluoranthene	14.84	252	988254m	42.27	nq	
88) Benzo(k)fluoranthene	14.88	252	626492m	32.41	nq	
89) Benzo(a)pyrene	15.17	252	758454	38.08	nq	98
90) Dibenzo(a,h)anthracene	16.55	278	688402	41.06	nq	96
91) Benzo(g,h,i)perylene	16.92	276	711359	42.12	nq	97

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



#1

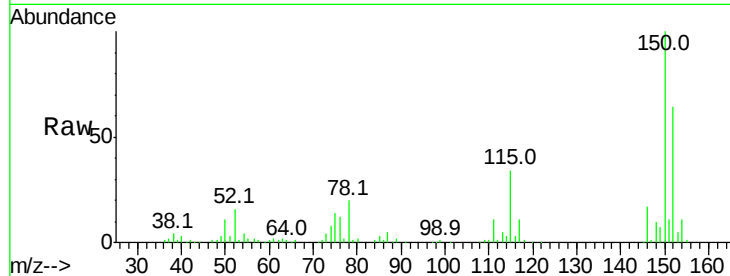
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

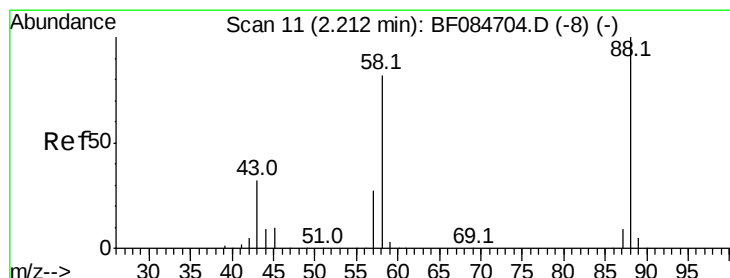
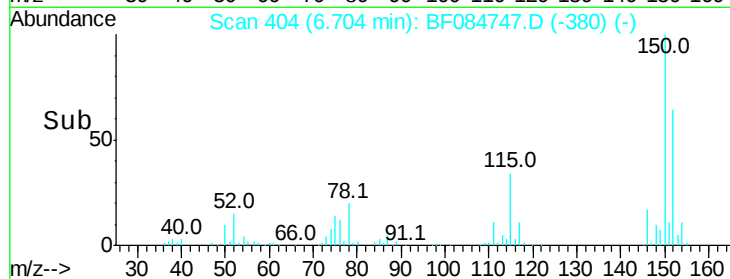
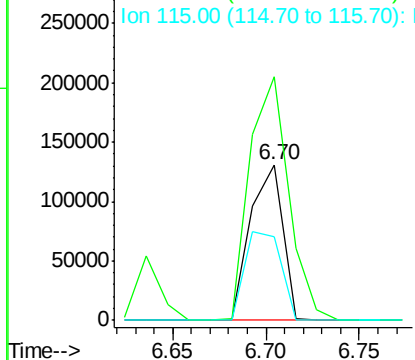
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	53.7	51.4	77.2

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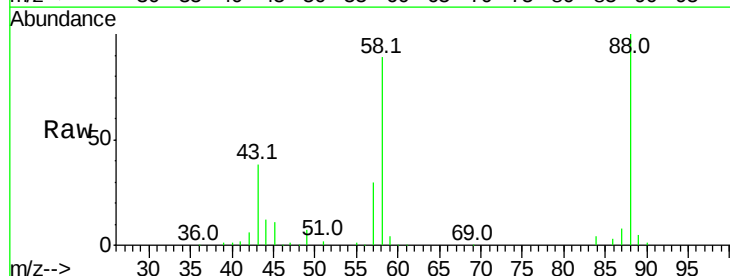
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



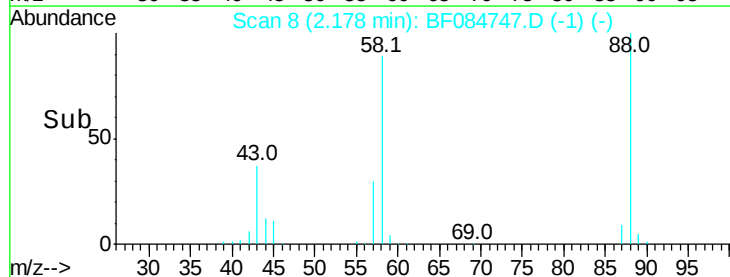
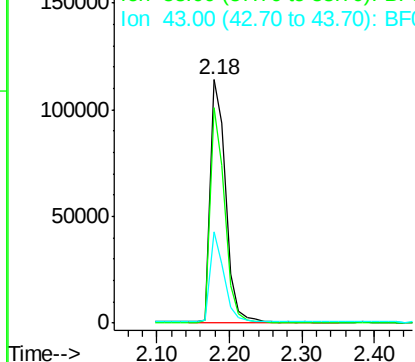
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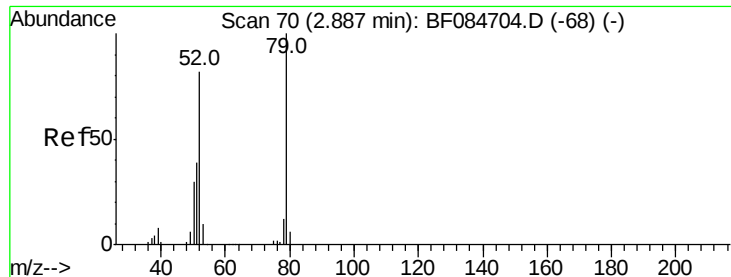
1,4-Dioxane
Concen: 38.41 ng
RT: 2.18 min Scan# 8
Delta R.T. -0.05 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	51.2	76.8#
43	32.3	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: 44.68 ng

RT: 2.86 min Scan# 68

Delta R.T. -0.05 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

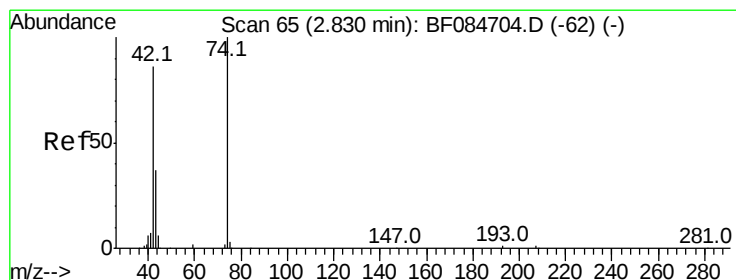
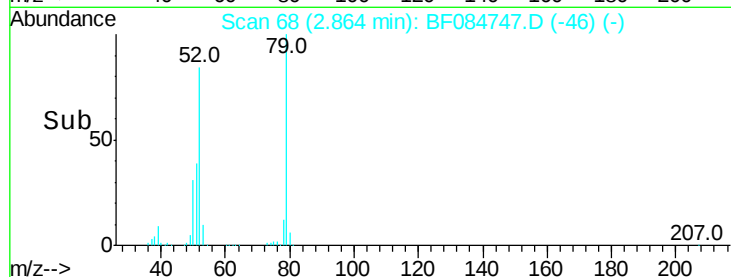
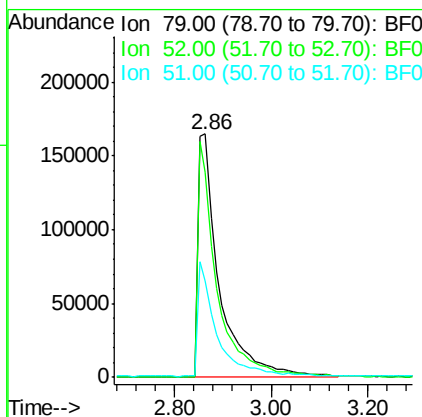
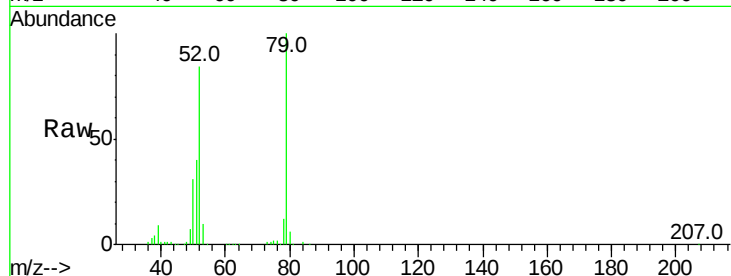
SSTDCCC040

Tot Ion: 79 Resp: 514848

Ion	Ratio	Lower	Upper
79	100		
52	84.4	49.0	73.4#
51	39.7	25.2	37.8#

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#4

n-Nitrosodimethylamine

Concen: 38.64 ng

RT: 2.81 min Scan# 63

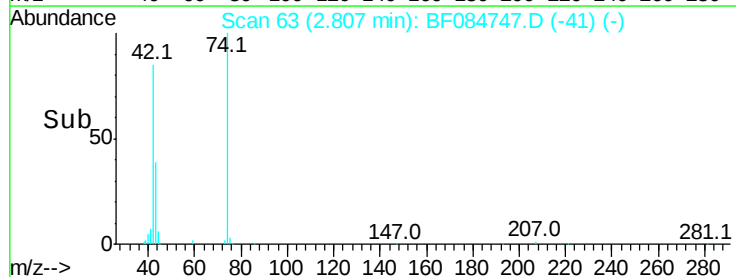
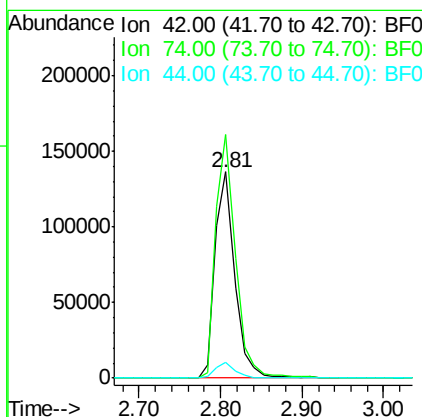
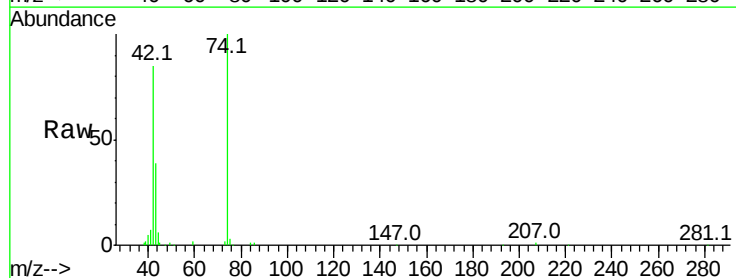
Delta R.T. -0.05 min

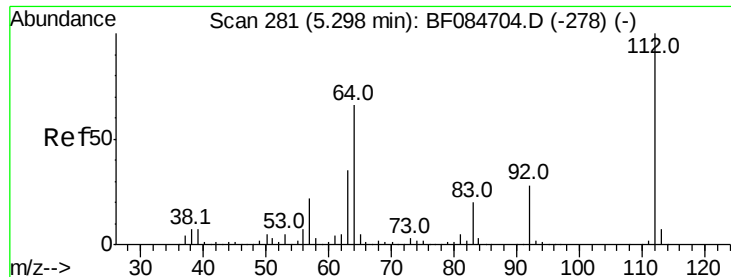
Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion: 42 Resp: 230308

Ion	Ratio	Lower	Upper
42	100		
74	118.1	115.7	173.5
44	7.6	5.1	7.7





#5

2-Fluorophenol

Concen: 80.39 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

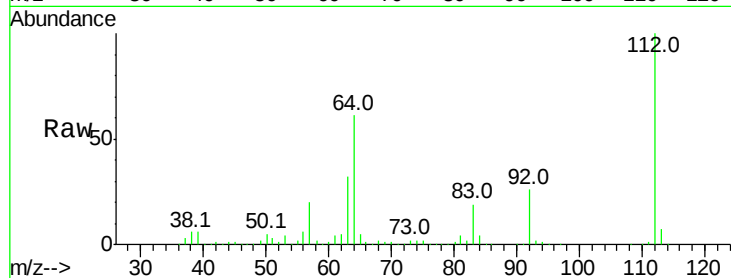
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	811635
Ion Ratio	Lower	Upper	
112	100		
64	60.6	36.6	55.0#
63	31.8	19.4	29.0#

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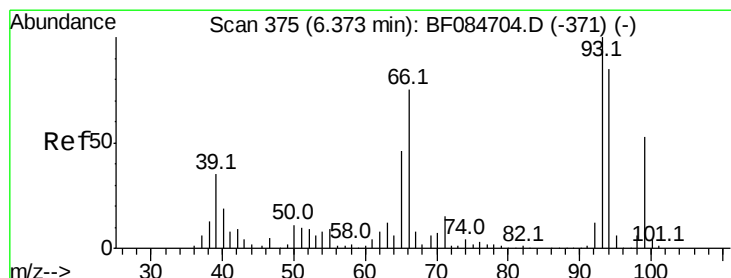
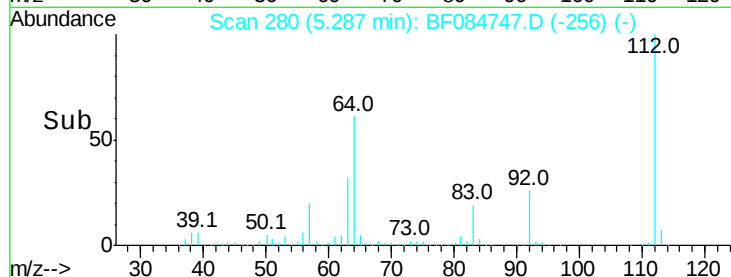
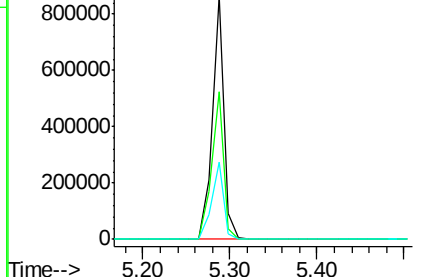
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.99 ng

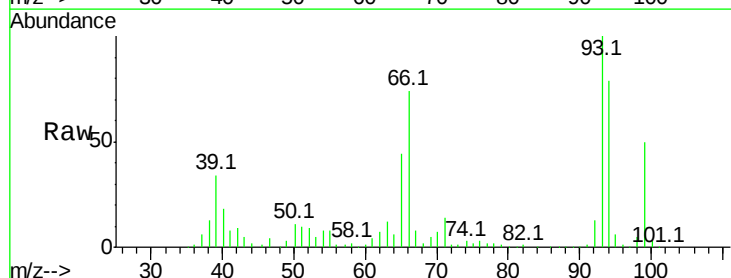
RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

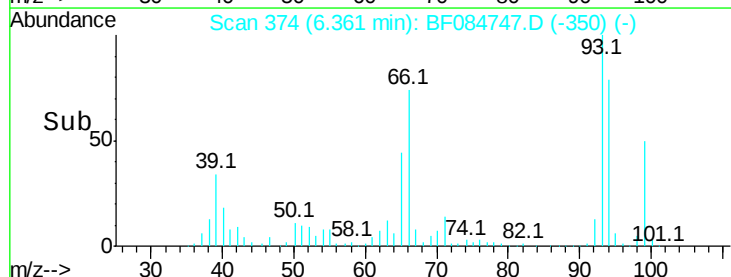
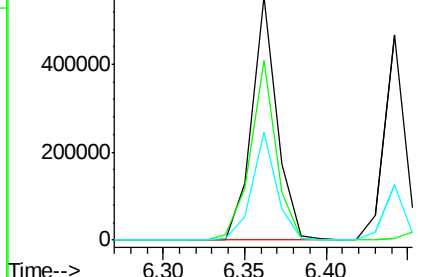
Tgt Ion:	93	Resp:	597262
Ion Ratio	Lower	Upper	
93	100		
66	73.8	44.9	67.3#
65	44.4	23.7	35.5#

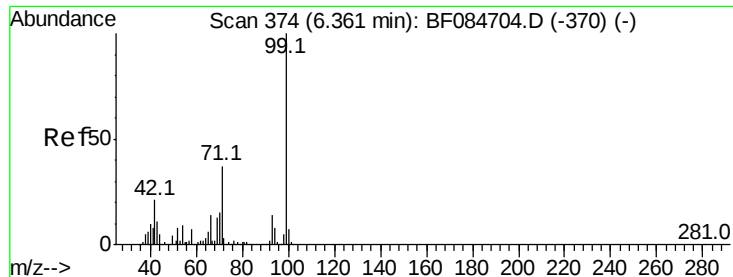


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

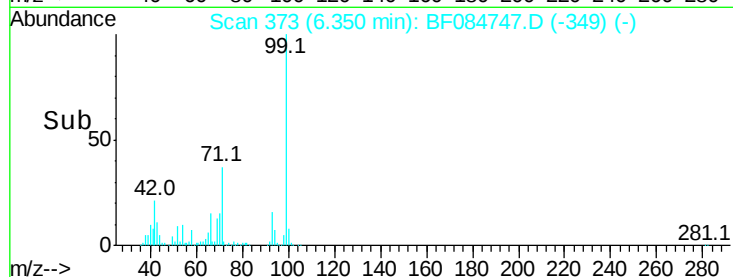
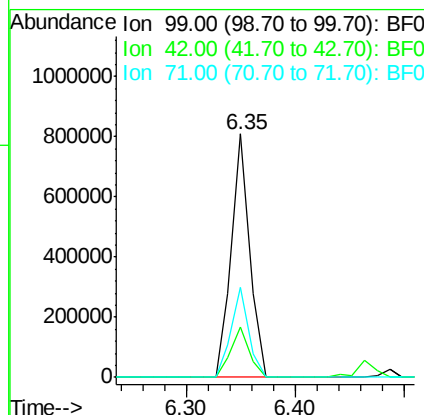
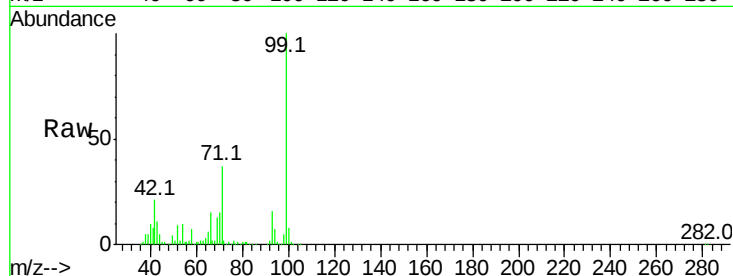
SSTDCCC040

Tot Ion: 99 Resp: 941642

Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	37.0	30.9	46.3

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#8

2-Chlorophenol

Concen: 41.19 ng

RT: 6.49 min Scan# 385

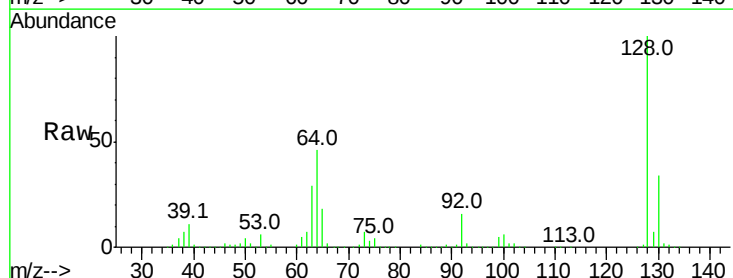
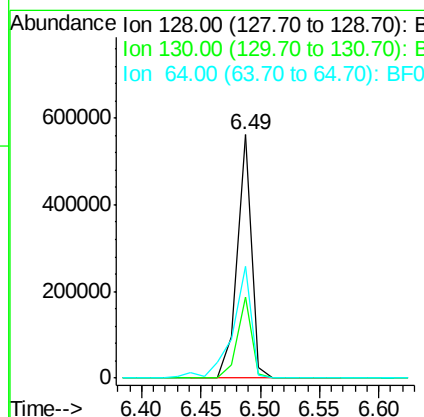
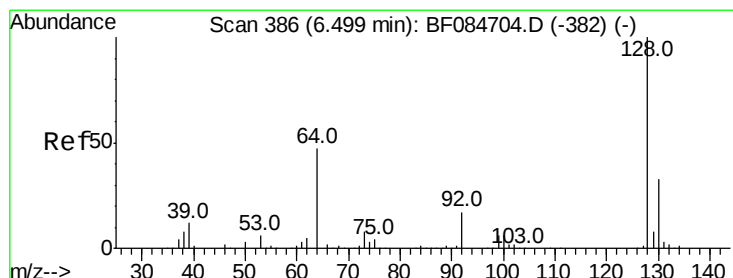
Delta R.T. -0.02 min

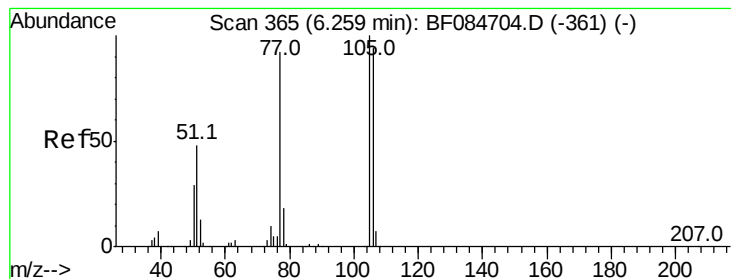
Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion: 128 Resp: 470704

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	46.1	23.8	63.8





#9

Benzaldehyde

Concen: 40.51 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

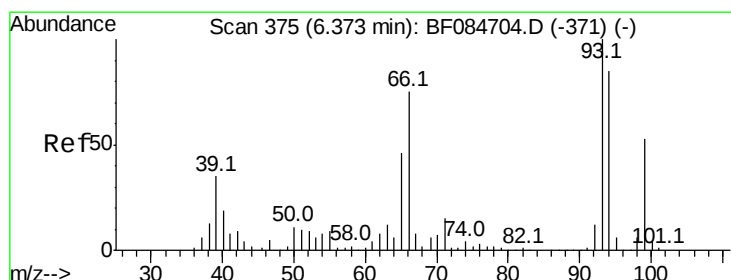
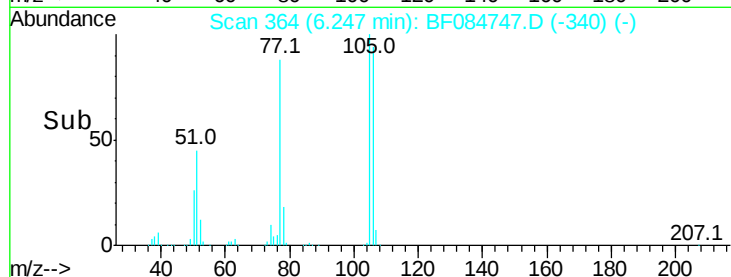
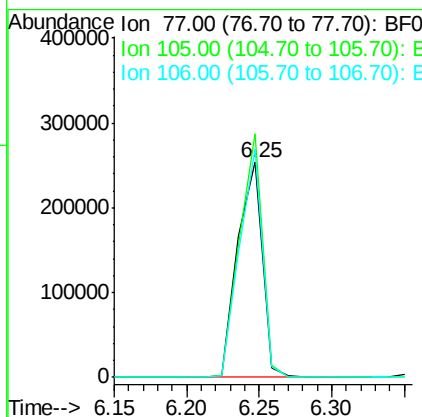
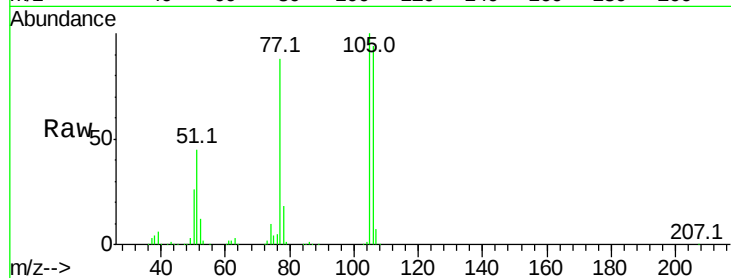
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	113.0	83.0	123.0
106	106.1	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 34.70 ng

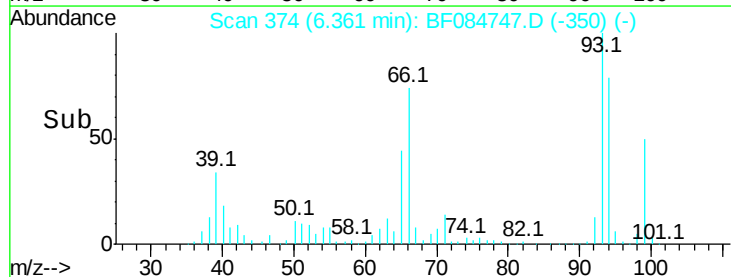
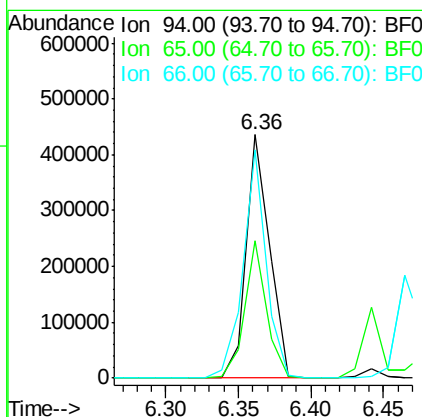
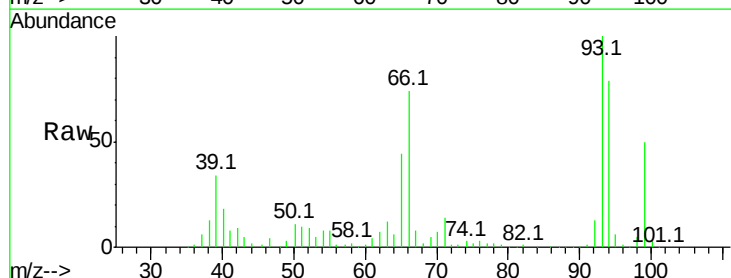
RT: 6.36 min Scan# 374

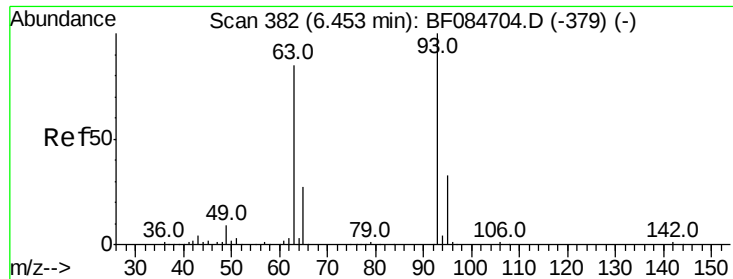
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	56.4	12.9	52.9#
66	93.7	32.7	72.7#





#11

bis(2-Chloroethyl)ether

Concen: 37.72 ng m

RT: 6.44 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

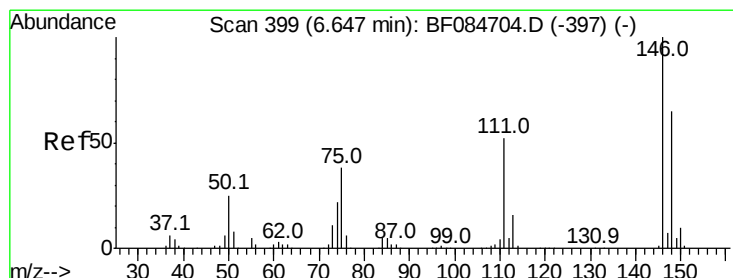
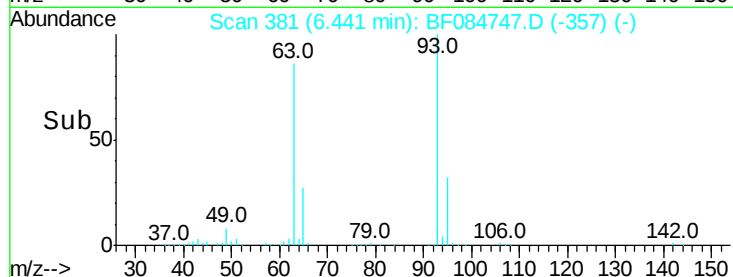
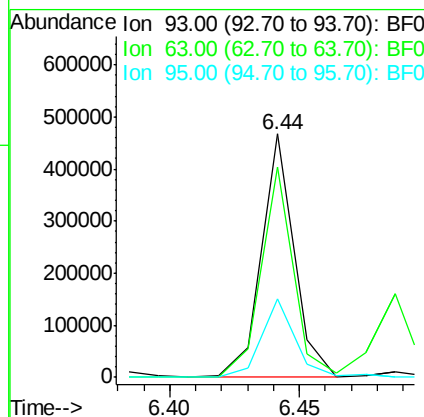
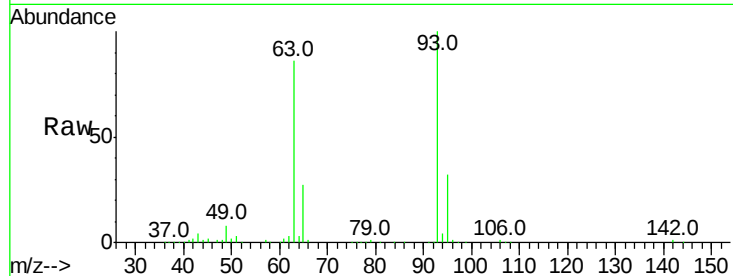
SSTDCCC040

Tot Ion: 93 Resp: 412430

Ion	Ratio	Lower	Upper
93	100		
63	86.3	45.9	85.9#
95	32.3	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 38.16 ng m

RT: 6.64 min Scan# 398

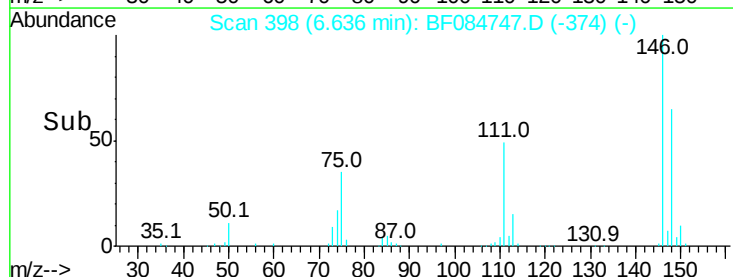
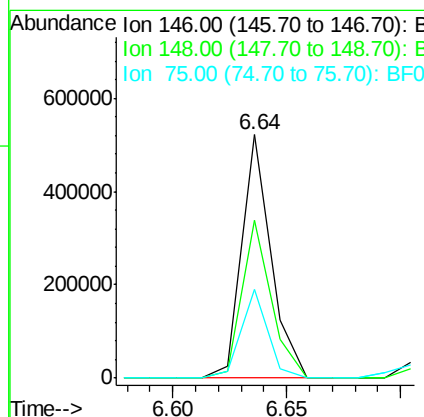
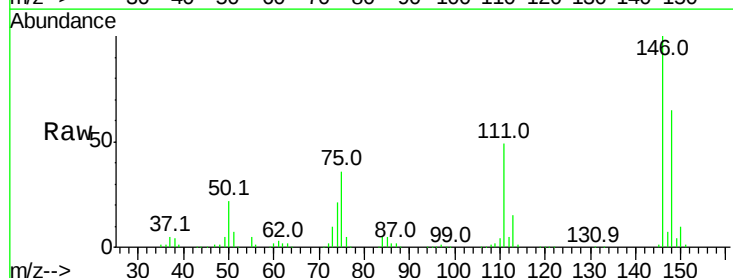
Delta R.T. -0.02 min

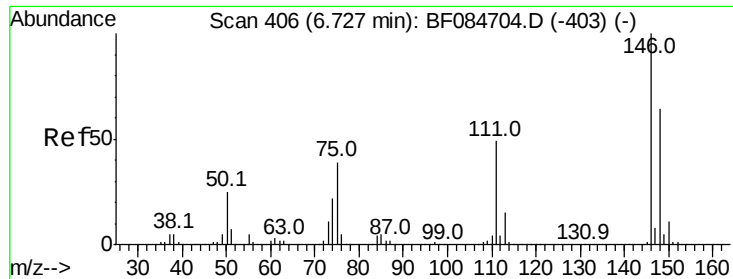
Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion: 146 Resp: 460716

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	36.3	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 39.60 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

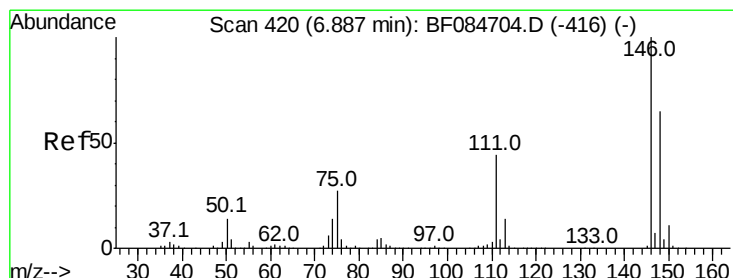
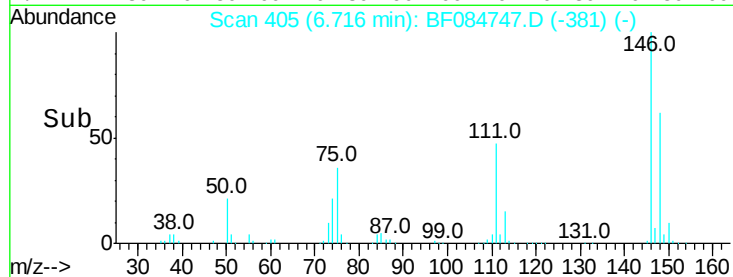
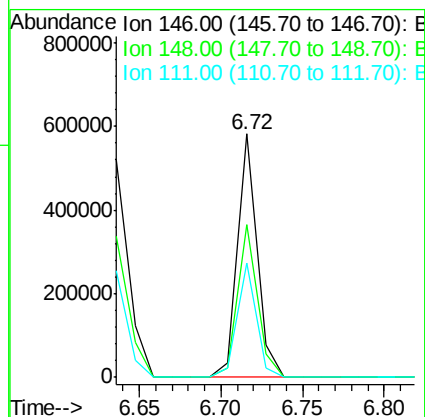
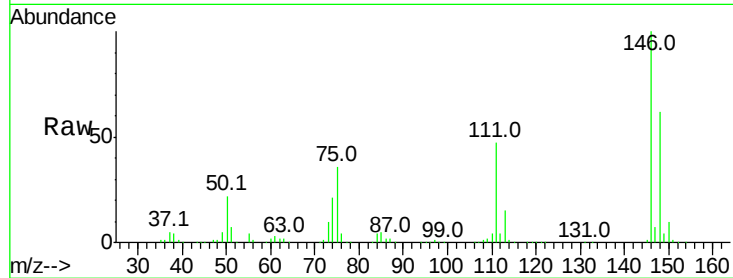
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	478052
Ion Ratio	Lower	Upper	
146	100		
148	62.5	51.9	77.9
111	47.0	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 38.61 ng

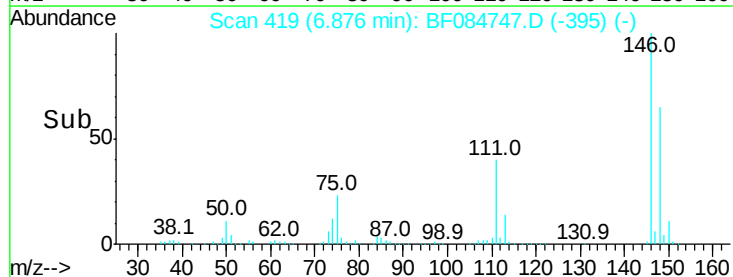
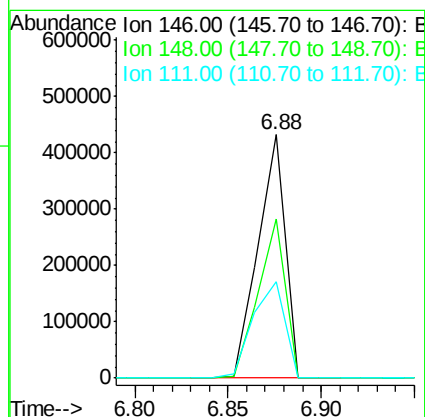
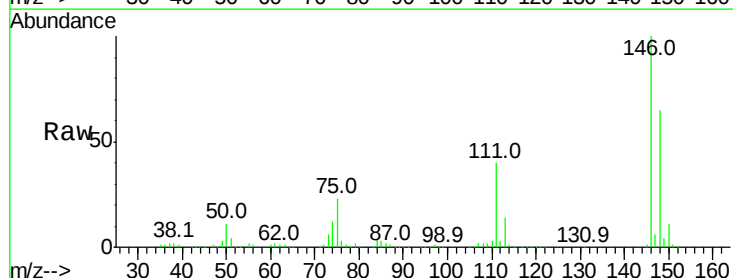
RT: 6.88 min Scan# 419

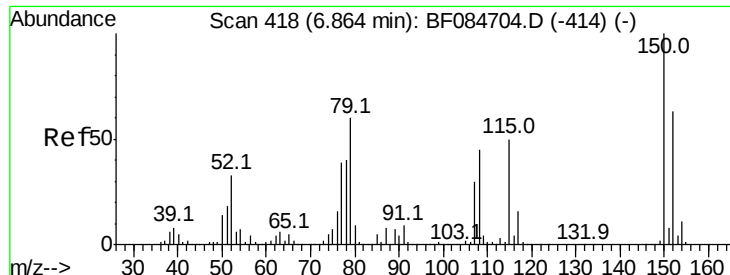
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	146	Resp:	434112
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.6	77.4
111	39.6	38.0	57.0





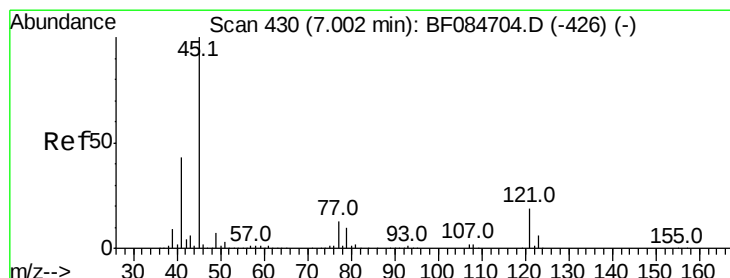
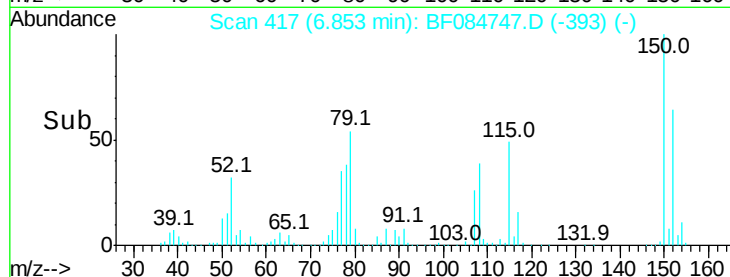
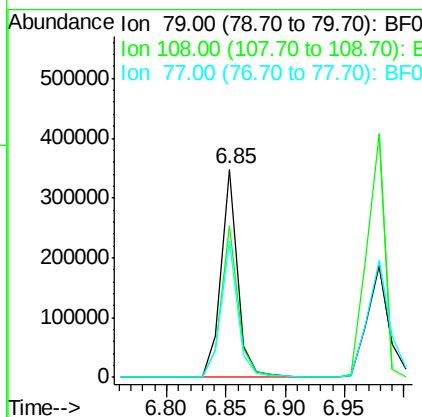
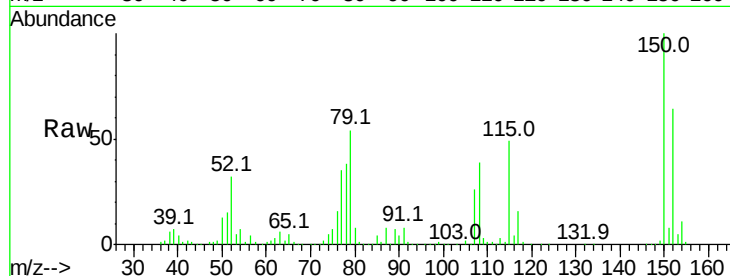
#15
Benzyl Alcohol
Concen: 38.88 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.6	69.0	103.4
77	65.3	50.0	75.0

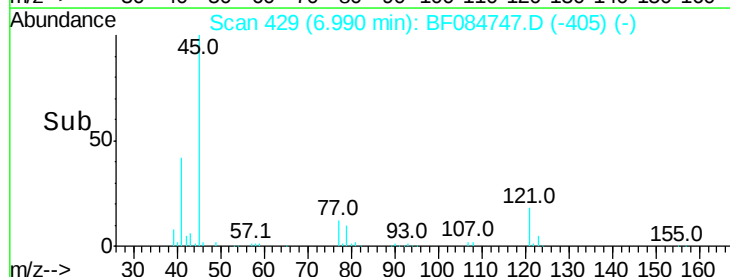
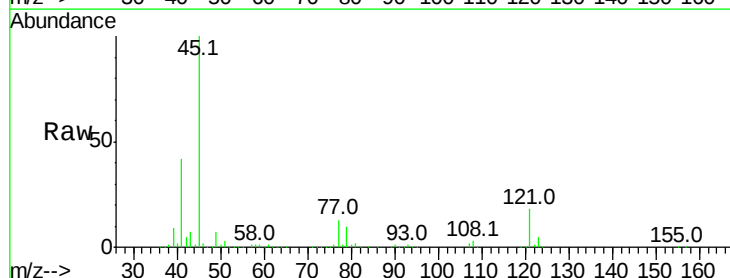
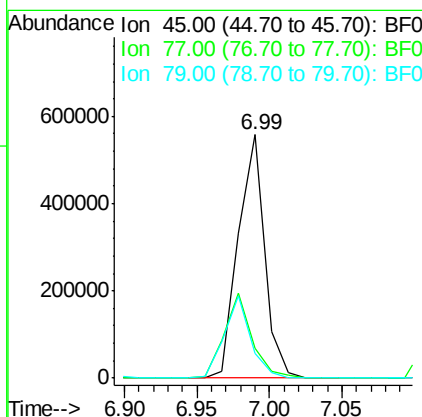
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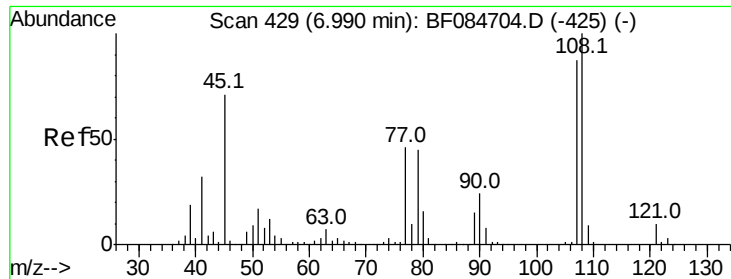
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.23 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.5	0.0	39.6
79	10.3	0.0	35.0





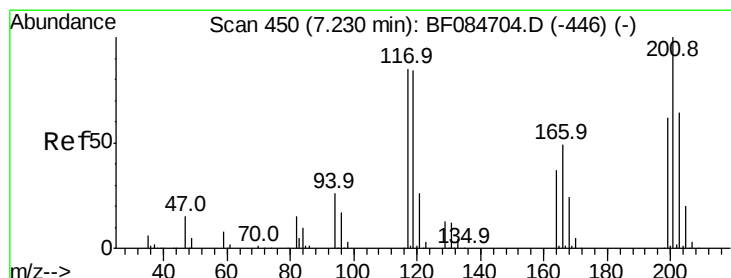
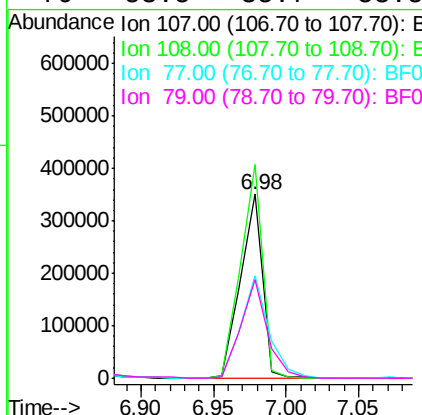
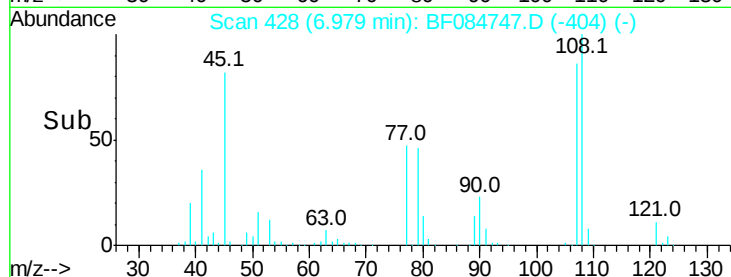
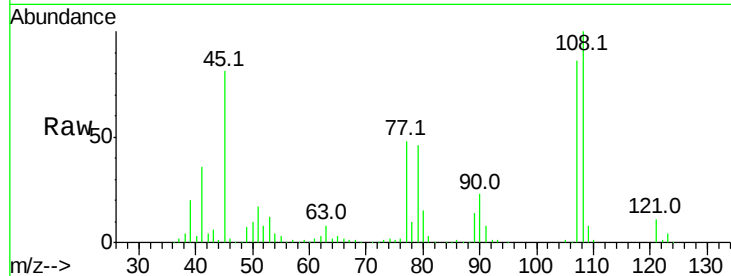
#17
2-Methylphenol
Concen: 40.80 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.2	89.8	134.6
77	55.9	35.7	53.5#
79	53.5	35.7	53.5

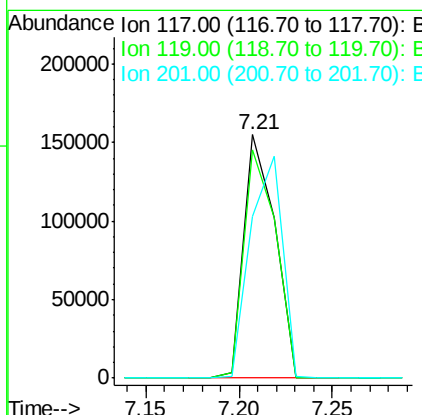
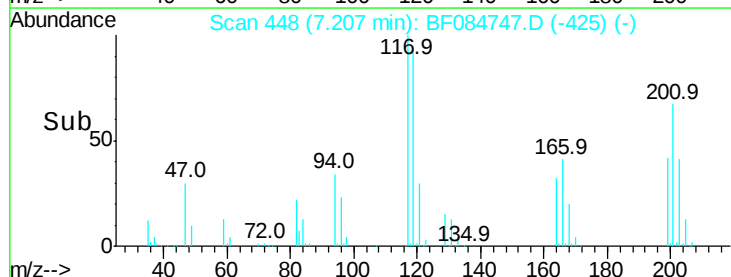
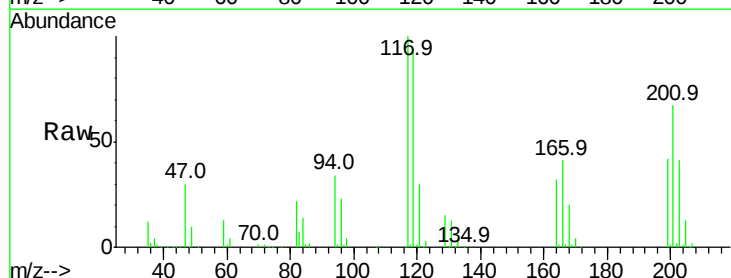
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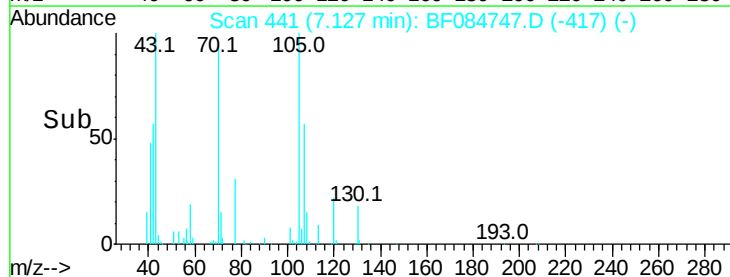
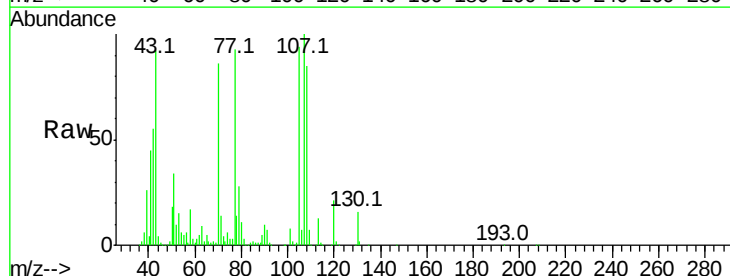
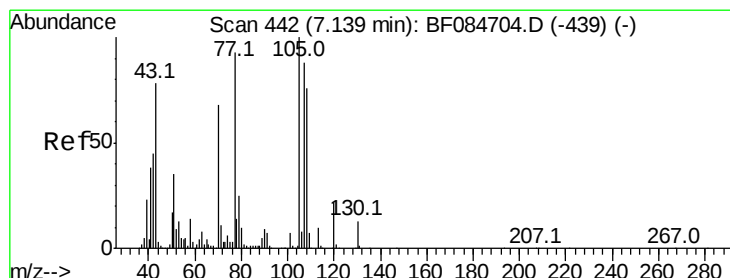
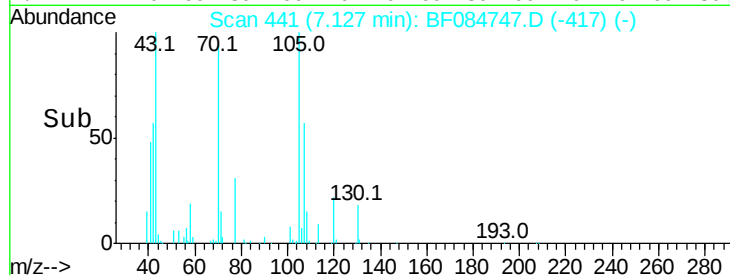
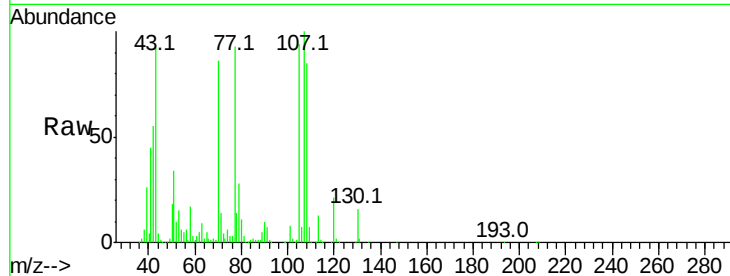
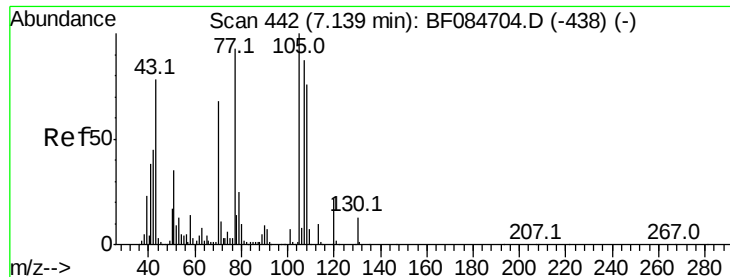
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#18
Hexachloroethane
Concen: 38.56 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.4	116.0
201	66.6	68.6	103.0#





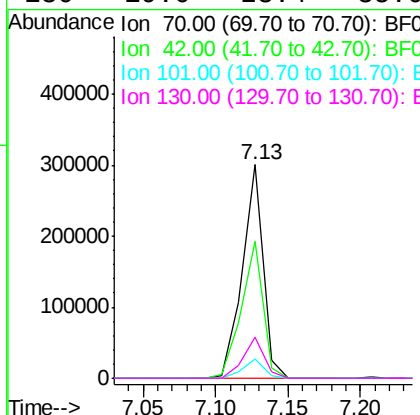
#19
n-Nitroso-di-n-propylamine
Concen: 38.18 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	33.3	49.9#
101	9.3	9.3	13.9#
130	19.0	23.4	35.0#

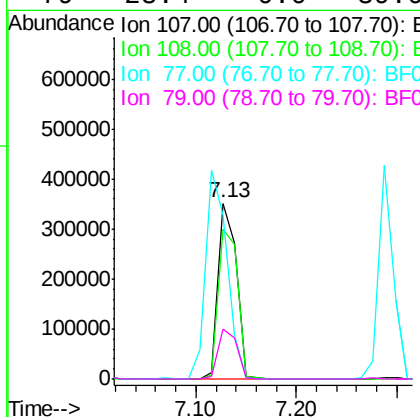
Manual Integrations
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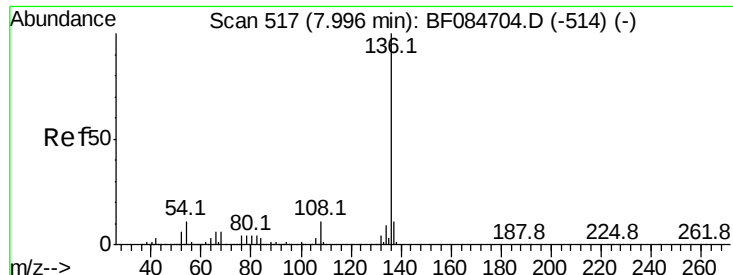
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#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.2	74.6	114.6
77	93.4	0.7	40.7#
79	28.4	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

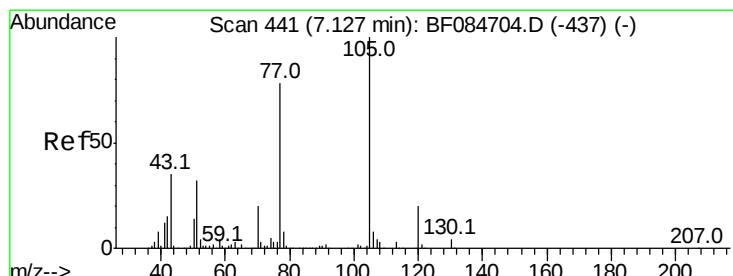
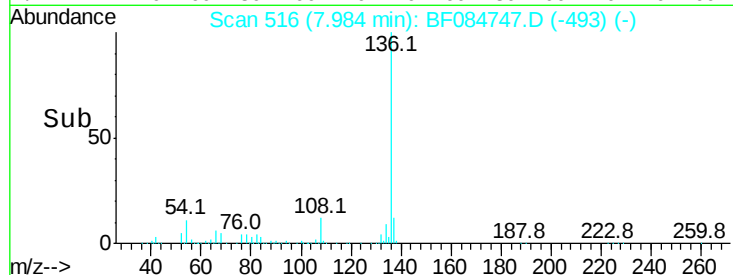
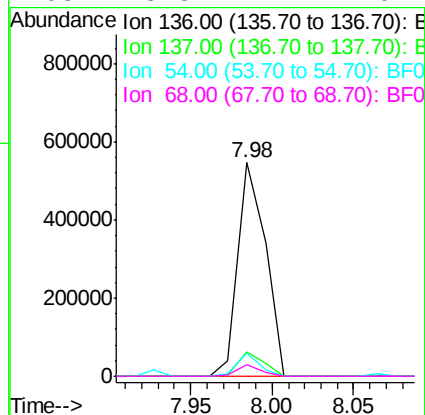
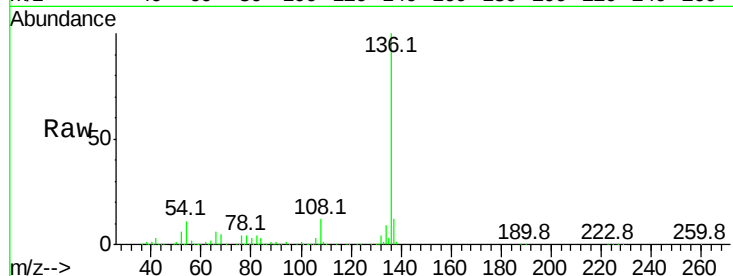
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	637300		
137	11.7	8.7	13.1	
54	10.7	5.8	8.8	
68	5.3	4.2	6.2	

Manual Integrations
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#22

Acetophenone

Concen: 37.88 ng

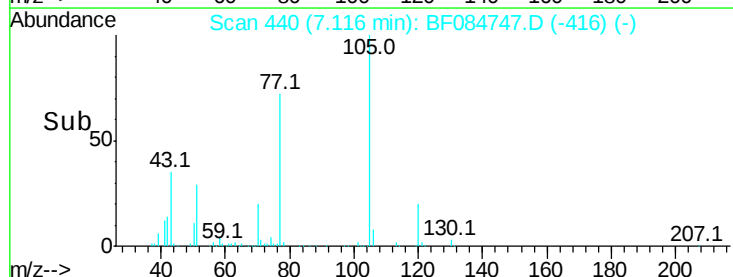
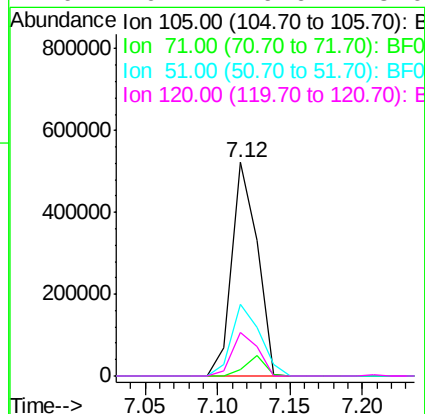
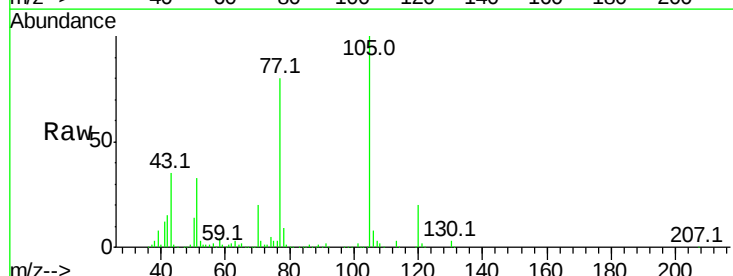
RT: 7.12 min Scan# 440

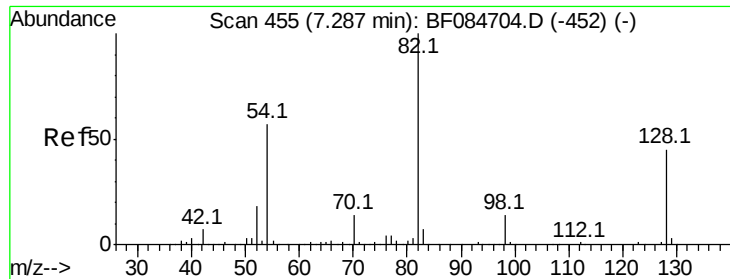
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	636337		
71	3.2	3.7	5.5	
51	33.5	25.1	37.7	
120	20.1	16.6	25.0	





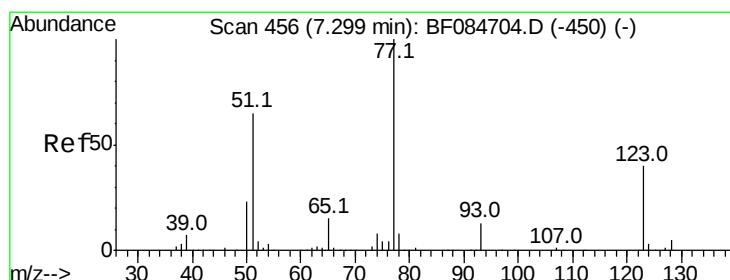
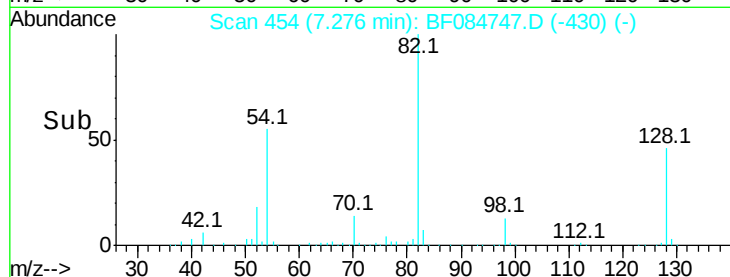
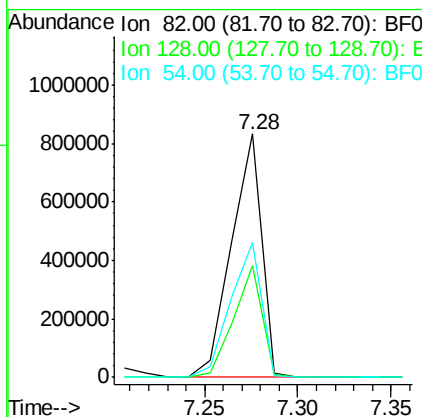
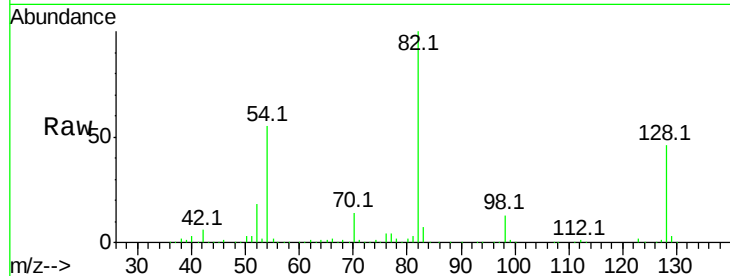
#23
 Nitrobenzene-d5
 Concen: 83.31 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.6	51.8
54	55.4	38.4	57.6

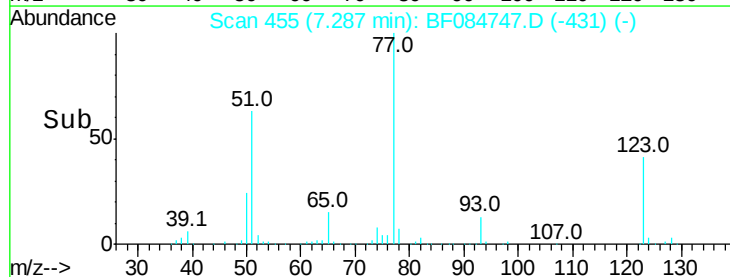
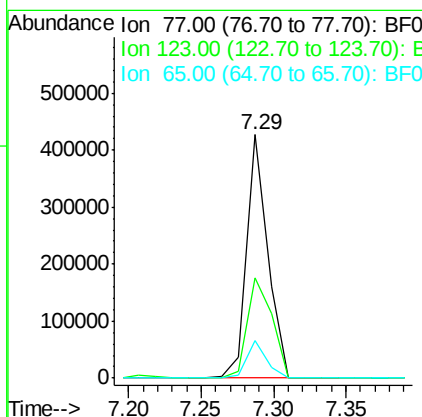
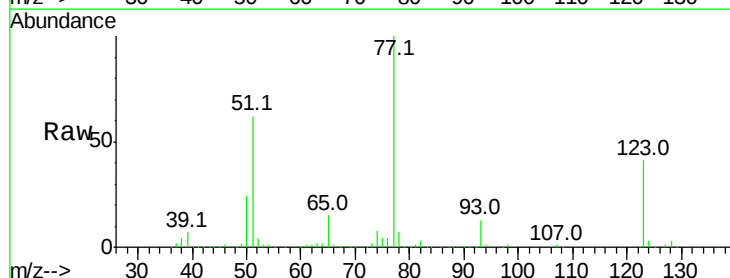
Manual Integrations
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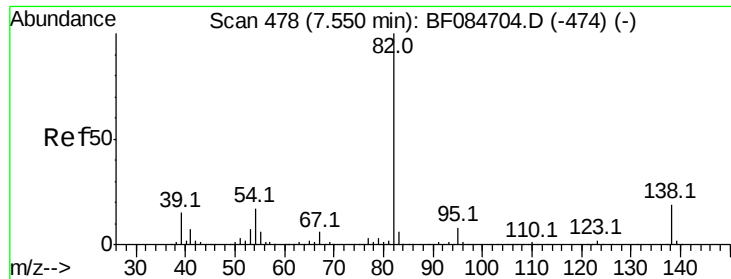
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#24
 Nitrobenzene
 Concen: 35.45 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	37.4	56.2
65	15.2	10.9	16.3





#25

Isophorone

Concen: 39.63 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

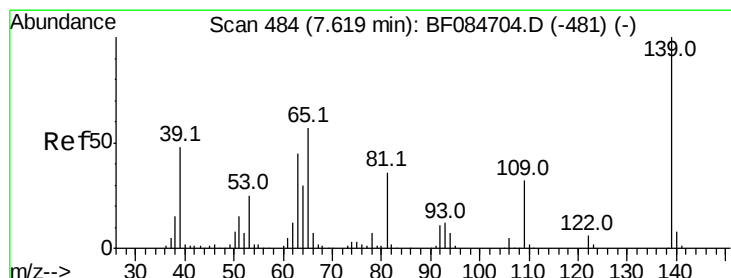
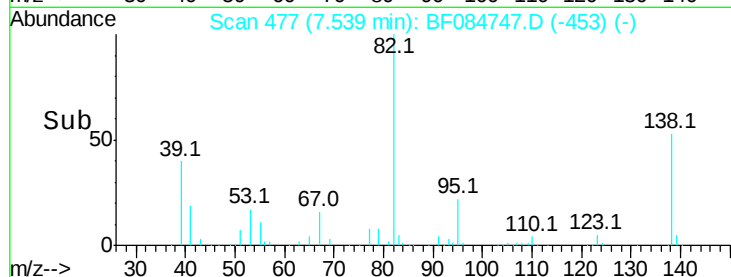
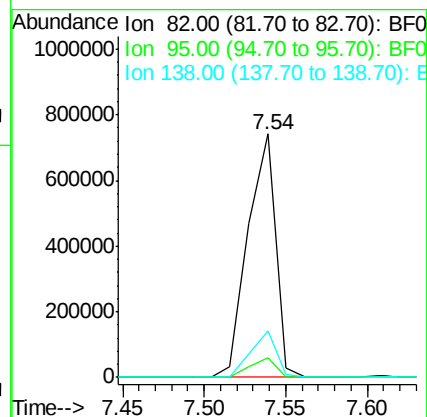
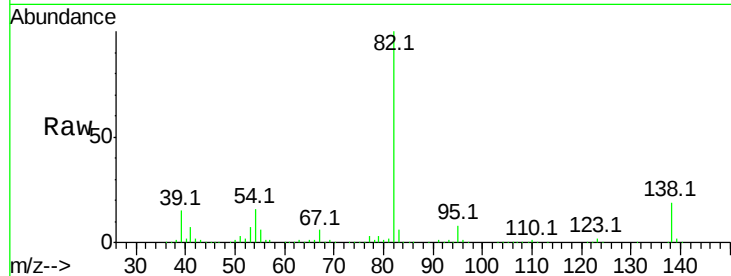
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	871775
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.6	10.0
138	19.3	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.20 ng

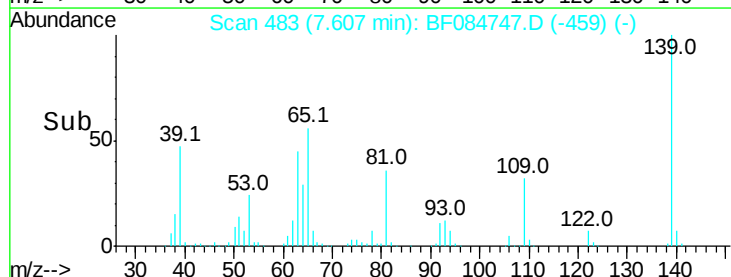
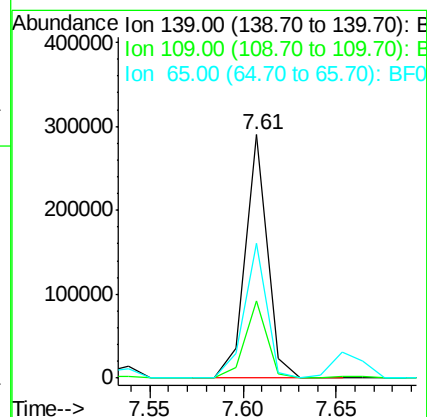
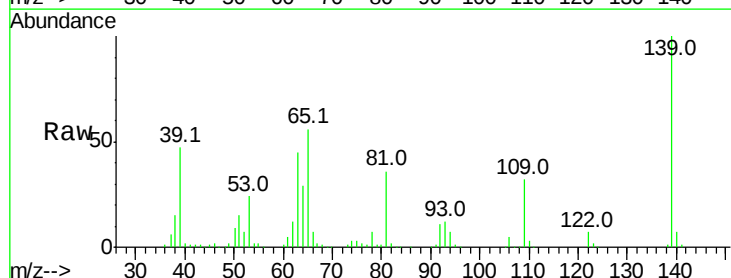
RT: 7.61 min Scan# 483

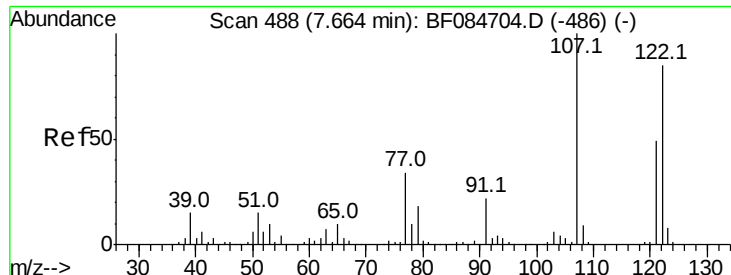
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	139	Resp:	240169
Ion Ratio	Lower	Upper	
139	100		
109	31.7	25.4	38.2
65	55.6	32.3	48.5#





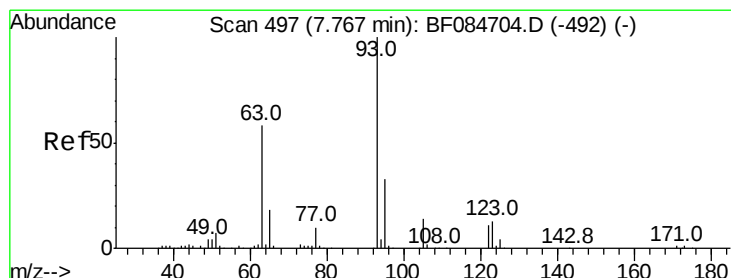
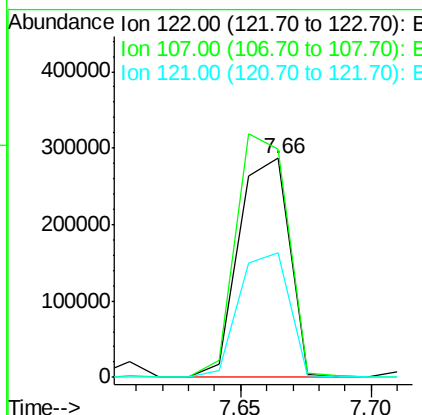
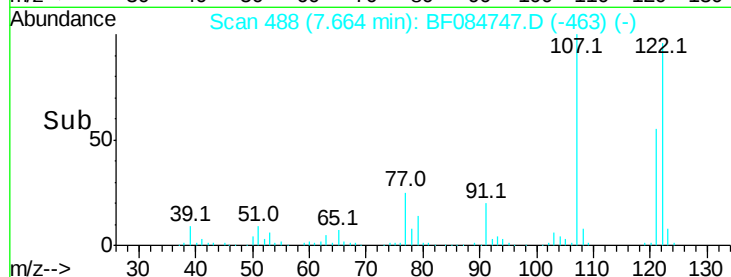
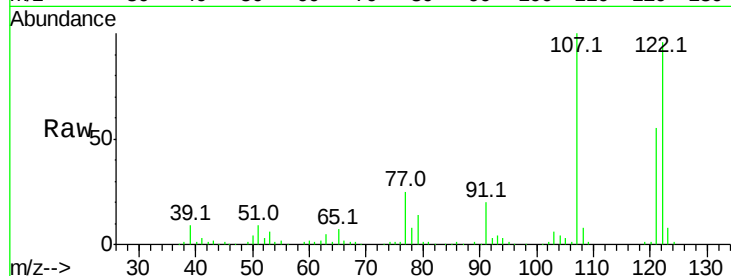
#27
 2,4-Dimethylphenol
 Concen: 37.79 ng
 RT: 7.66 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	392802		
107	104.1	99.1	148.7	
121	57.0	47.9	71.9	

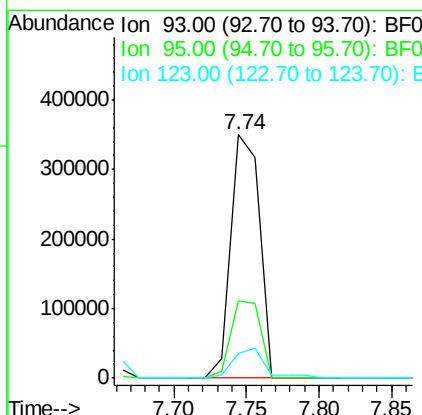
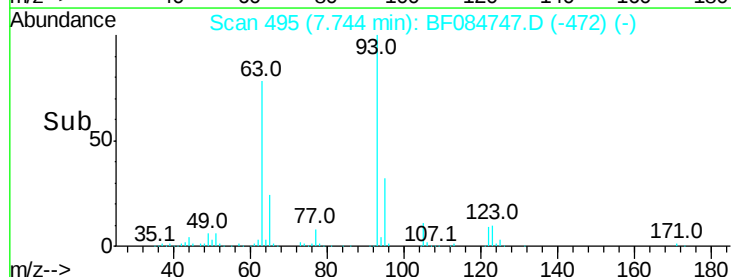
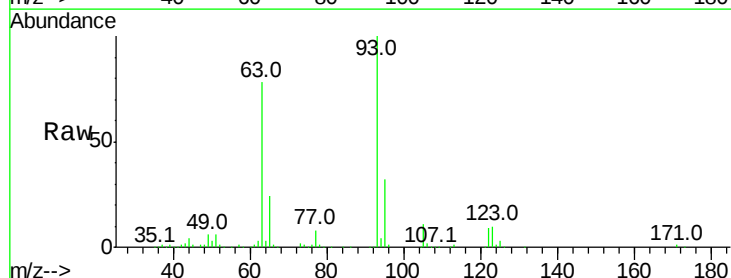
Manual Integrations
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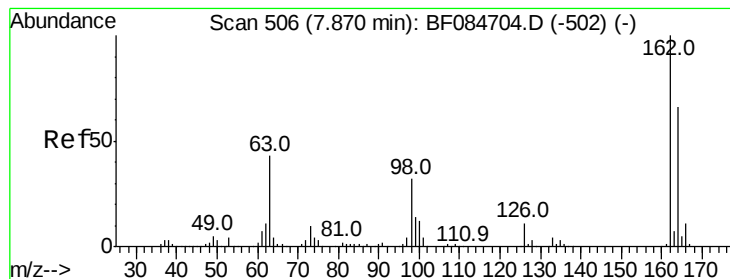
MMDadoda
 2/3/2016 6:25:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.62 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	477971		
95	31.7	25.8	38.6	
123	10.3	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 41.62 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

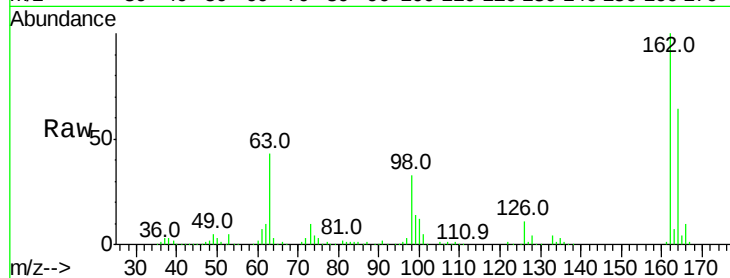
ClientSampleId :

SSTDCCC040

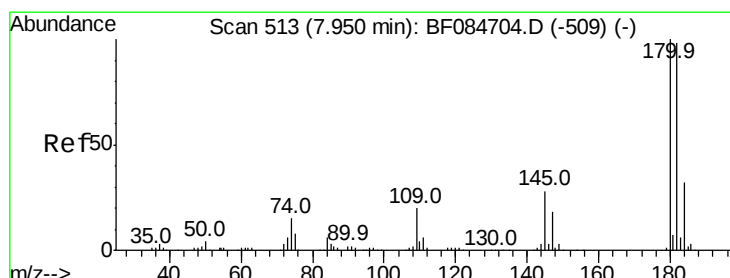
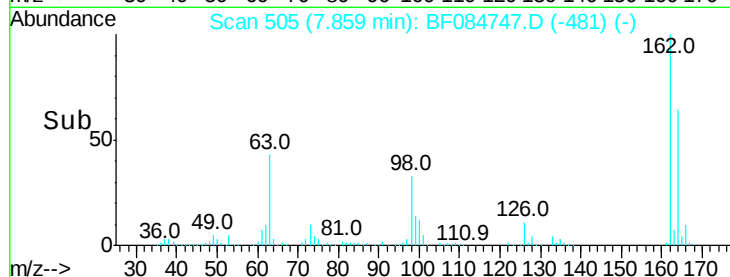
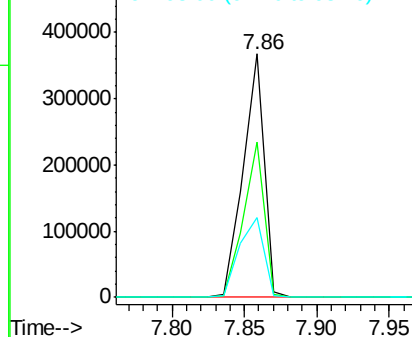
Tot Ion:	162	Resp:	370118
Ion Ratio	Lower	Upper	
162	100		
164	63.7	44.1	84.1
98	32.7	20.2	60.2

Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 37.37 ng

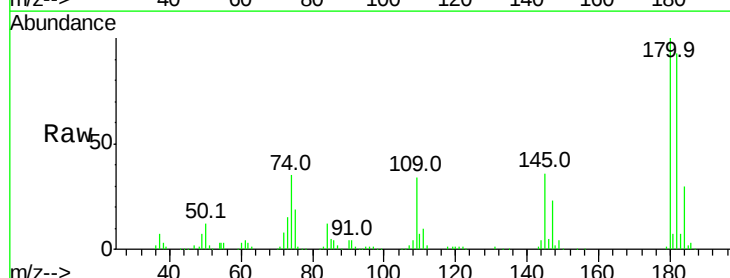
RT: 7.93 min Scan# 511

Delta R.T. -0.03 min

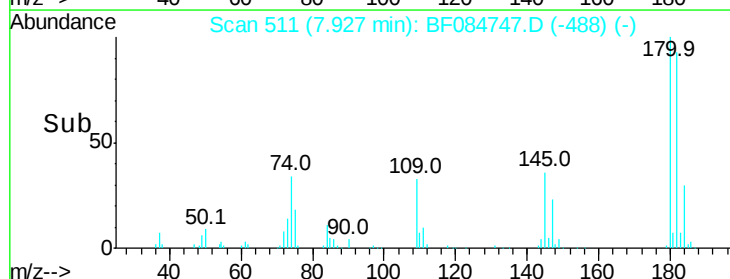
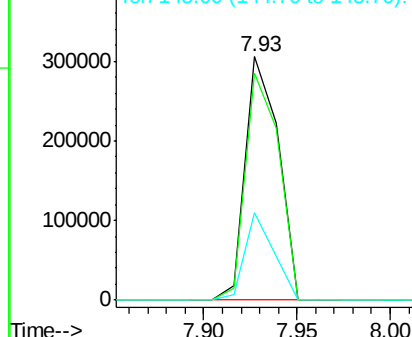
Lab File: BF084747.D

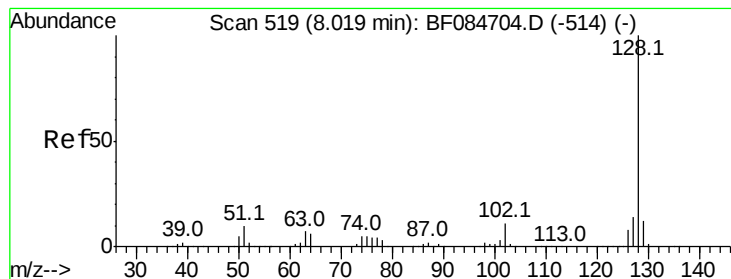
Acq: 2 Feb 2016 10:44

Tgt Ion:	180	Resp:	375324
Ion Ratio	Lower	Upper	
180	100		
182	93.3	76.4	114.6
145	35.7	31.6	47.4



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.12 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1154671

Ion Ratio Lower Upper

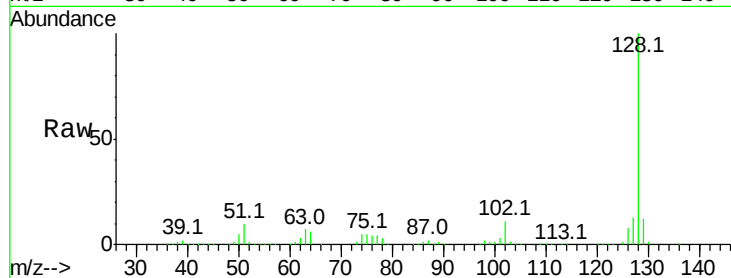
128 100

129 11.7 9.1 13.7

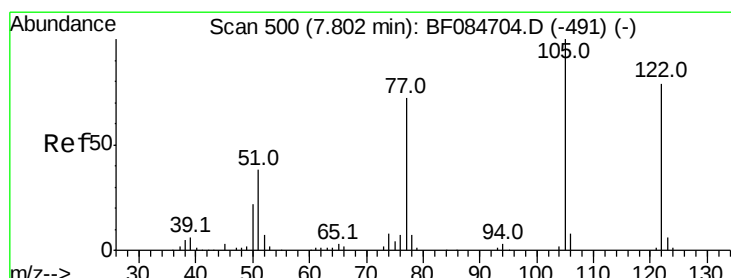
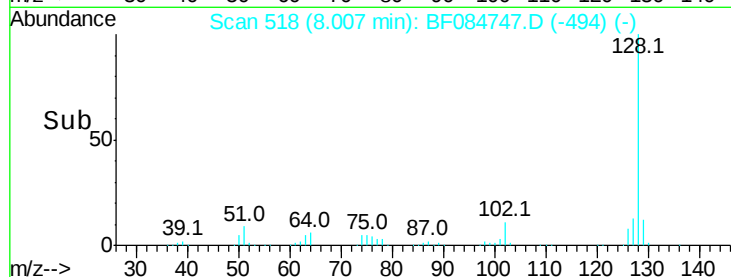
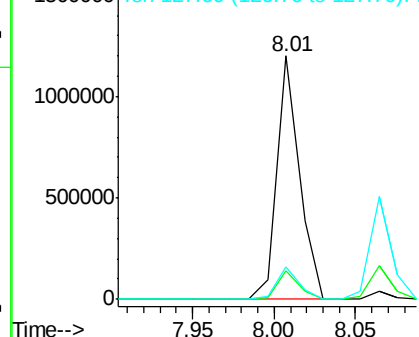
127 13.5 11.1 16.7

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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: 31.86 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

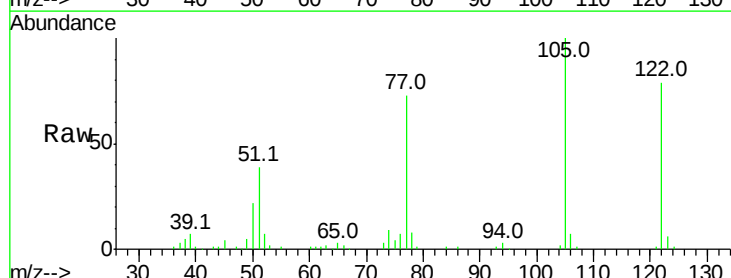
Tgt Ion:122 Resp: 211785

Ion Ratio Lower Upper

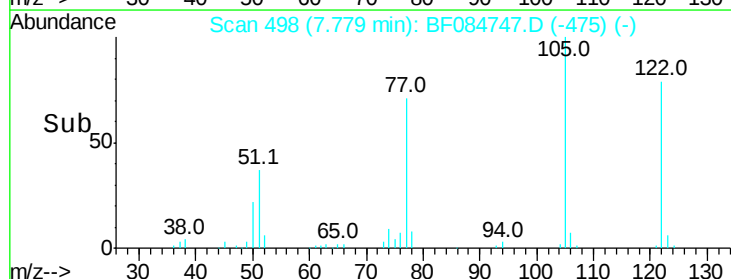
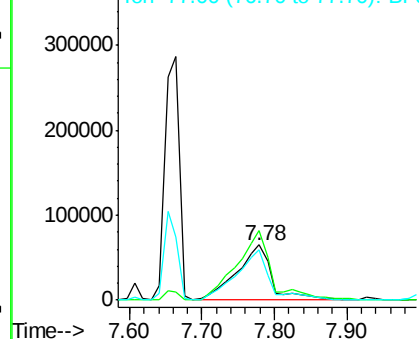
122 100

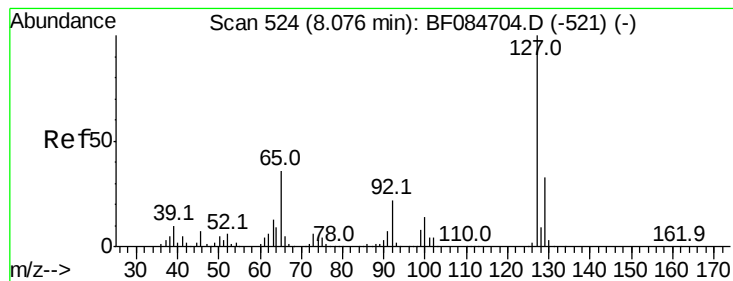
105 125.9 100.3 140.3

77 91.6 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: 35.62 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

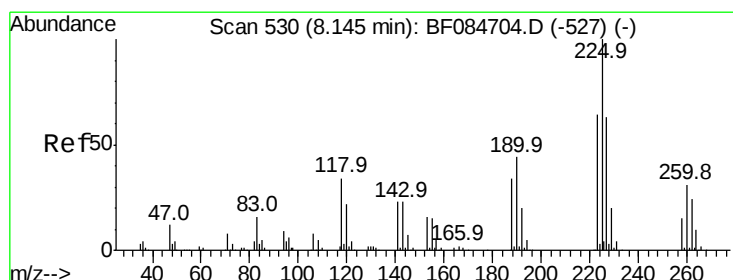
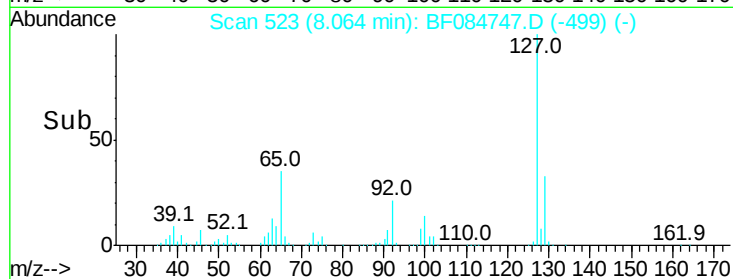
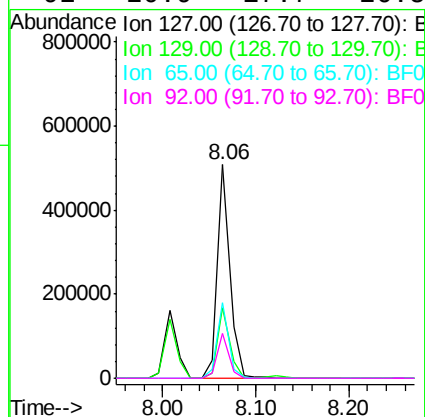
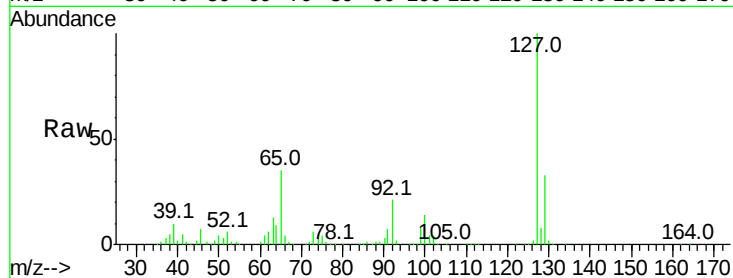
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100	470985		
129	33.0	26.5	39.7	
65	35.2	27.2	40.8	
92	20.9	17.7	26.5	

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#34

Hexachlorobutadiene

Concen: 40.29 ng

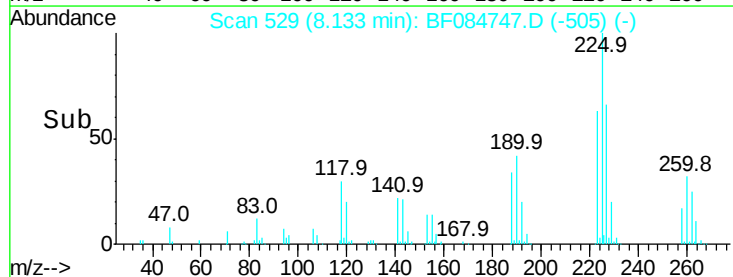
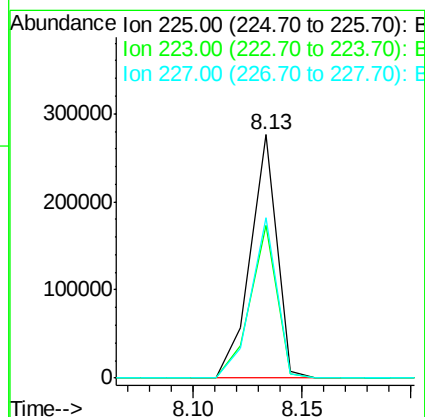
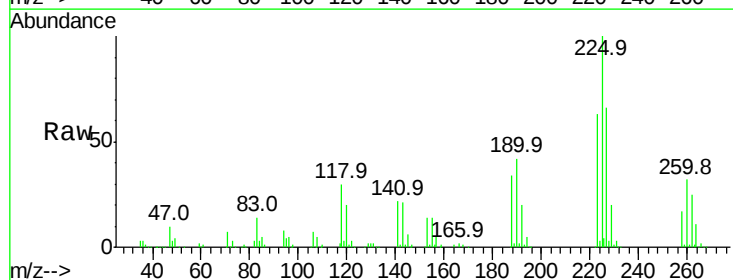
RT: 8.13 min Scan# 529

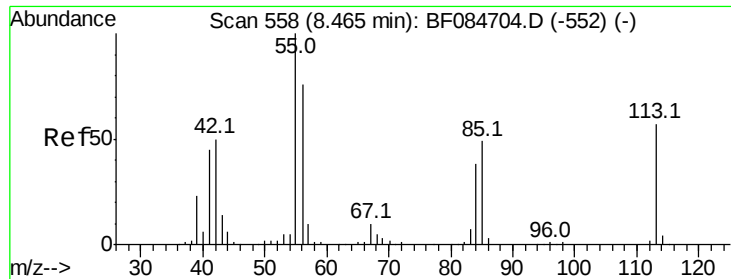
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	233340		
223	62.9	49.4	74.0	
227	65.9	50.8	76.2	





#35

Caprolactam

Concen: 38.76 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 106243
Ion Ratio Lower Upper

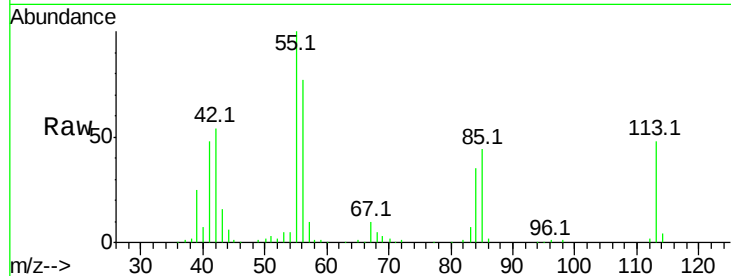
113 100

55 209.8 116.9 156.9#

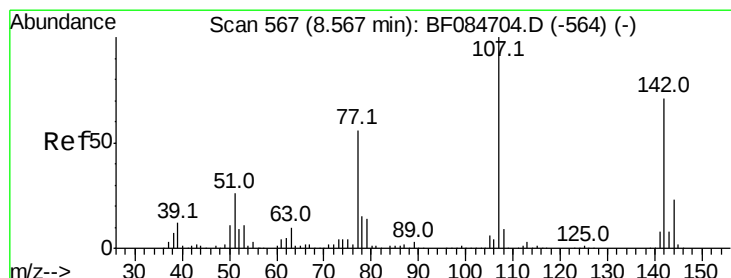
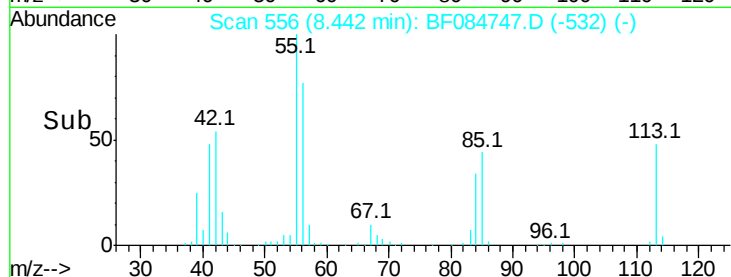
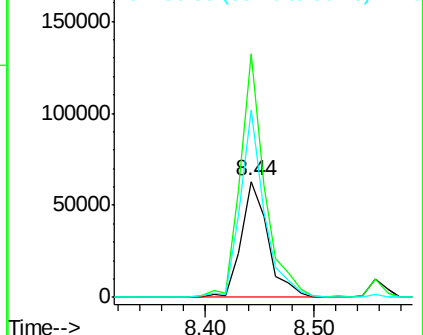
56 161.7 93.8 133.8#

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Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.69 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF084747.D

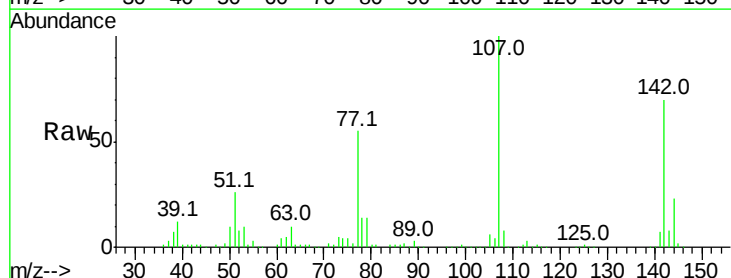
Acq: 2 Feb 2016 10:44

Tgt Ion:107 Resp: 372194
Ion Ratio Lower Upper

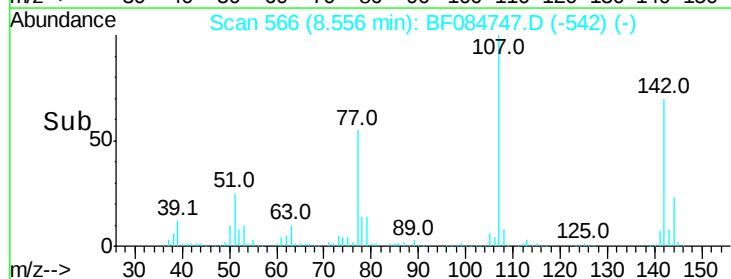
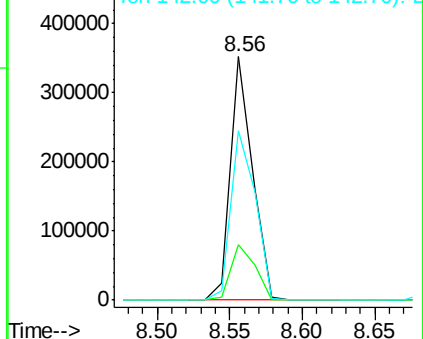
107 100

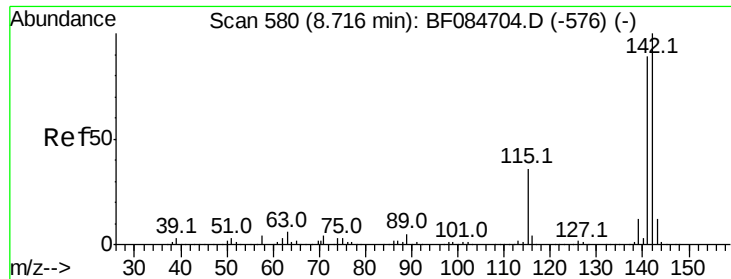
144 22.7 19.7 29.5

142 69.6 61.8 92.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





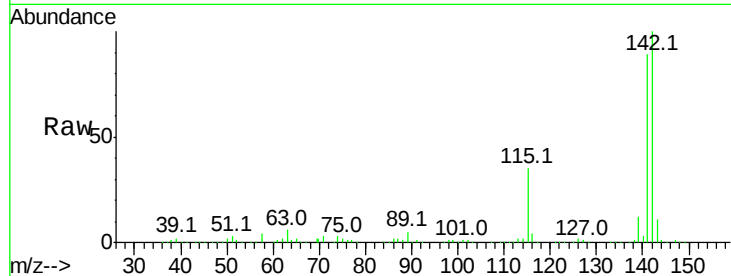
#37
2-Methylnaphthalene
Concen: 41.21 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

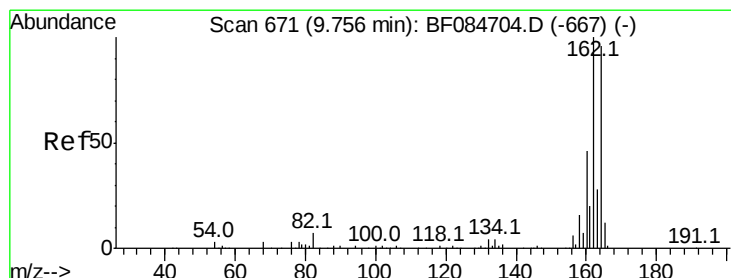
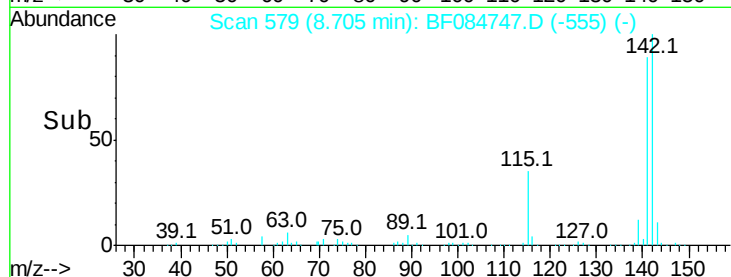
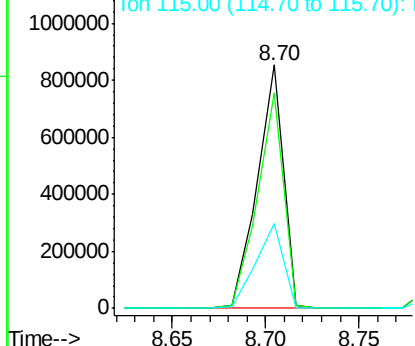
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.4	108.6
115	34.9	27.9	41.9

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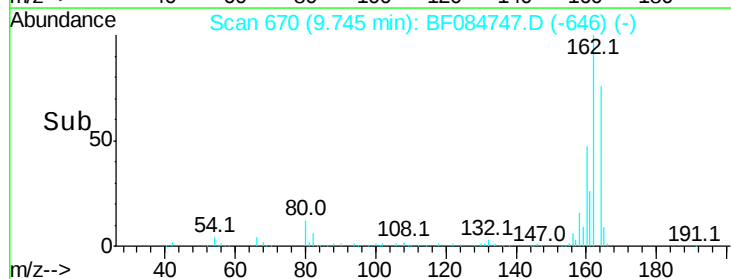
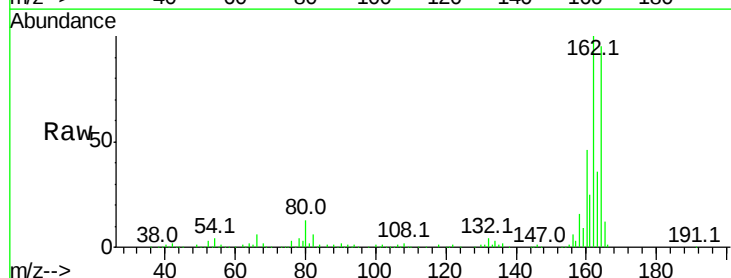
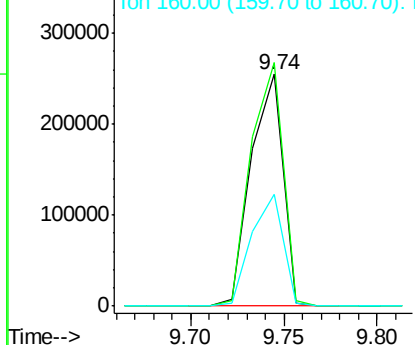
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

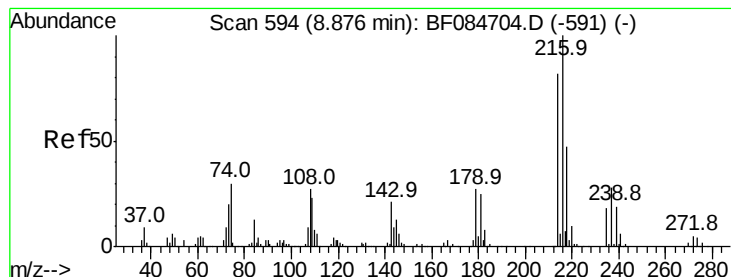


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.1	127.7
160	48.4	37.5	56.3

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.56 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

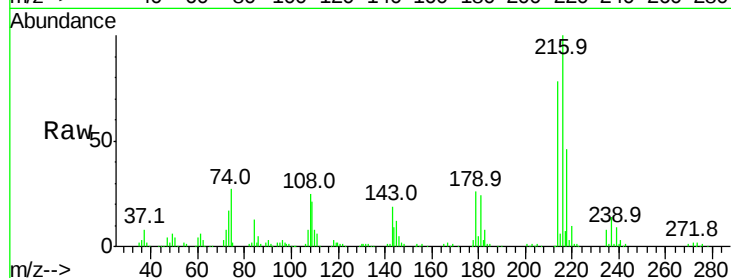
ClientSampleId :

SSTDCCC040

Tot Ion:	216	Resp:	358655
Ion Ratio	Lower	Upper	
216	100		
214	78.0	64.2	96.2
179	22.9	18.7	28.1
108	21.0	16.8	25.2

Manual Integrations
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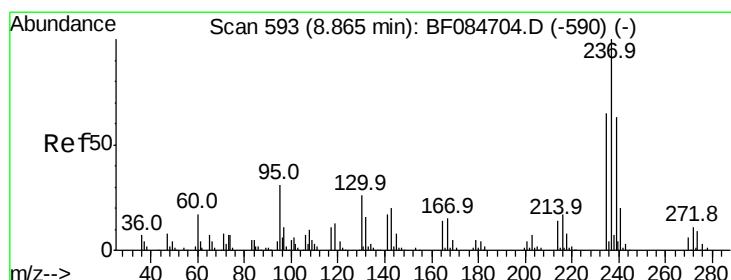
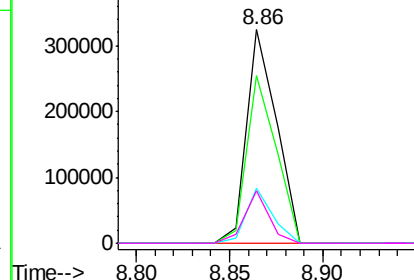
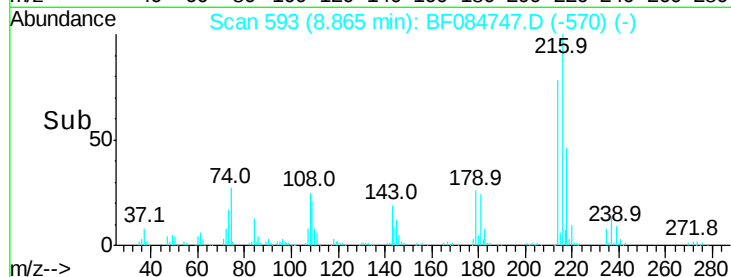


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 41.55 ng

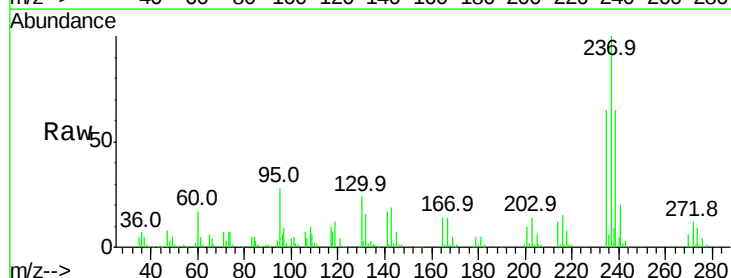
RT: 8.85 min Scan# 592

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

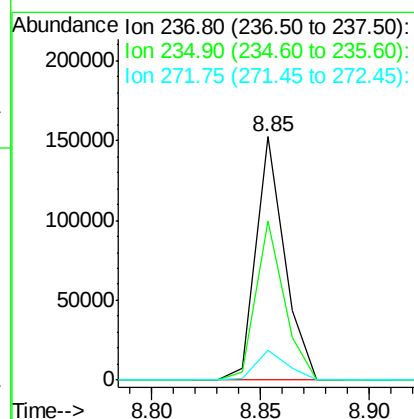
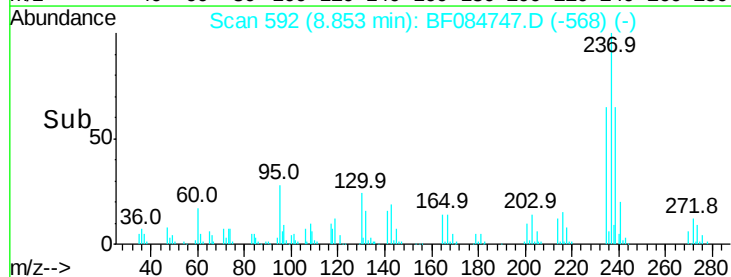
Tgt Ion:	237	Resp:	139596
Ion Ratio	Lower	Upper	
237	100		
235	65.3	43.1	83.1
272	12.1	0.0	35.1

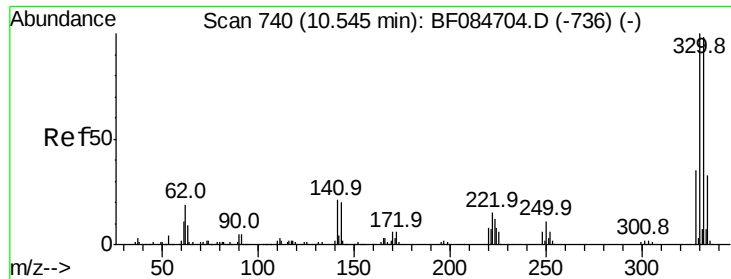


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





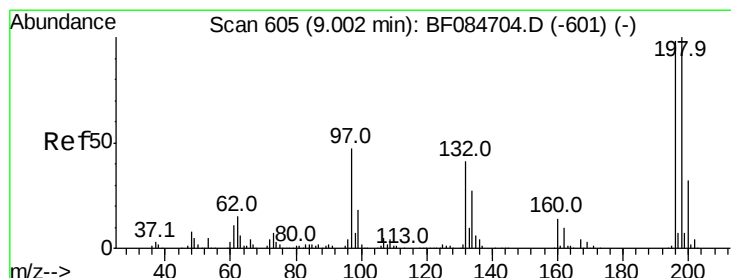
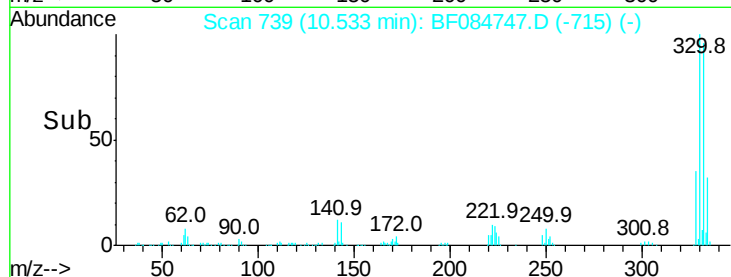
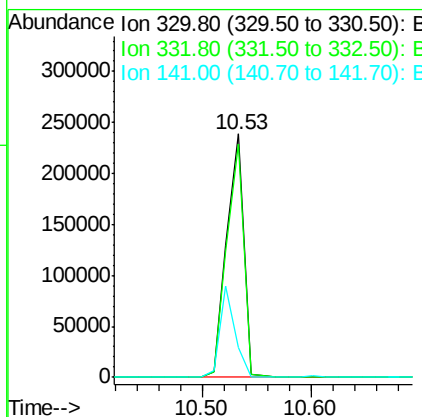
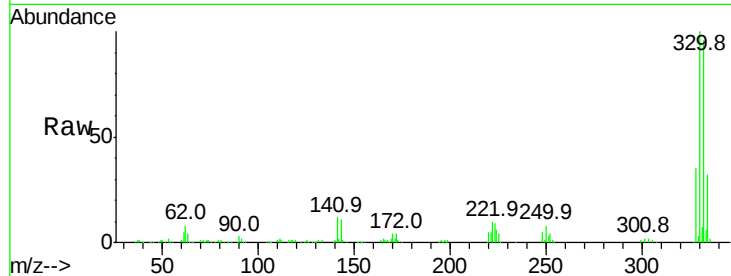
#41
 2,4,6-Tribromophenol
 Concen: 83.33 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	261302		
332	96.2	76.6	114.8	
141	33.4	27.8	41.6	

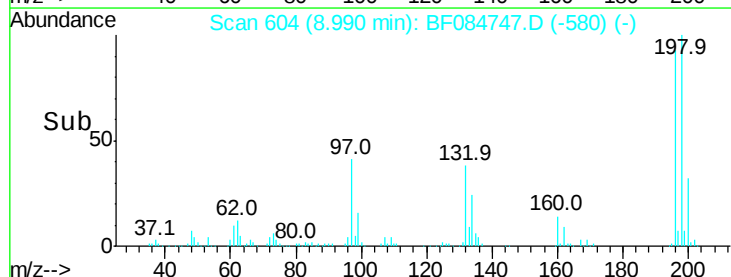
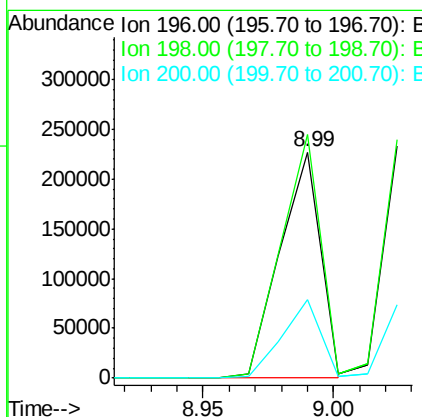
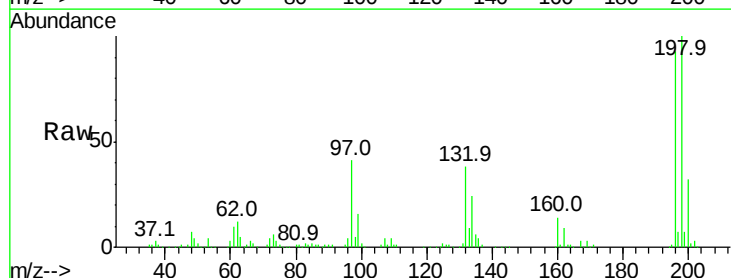
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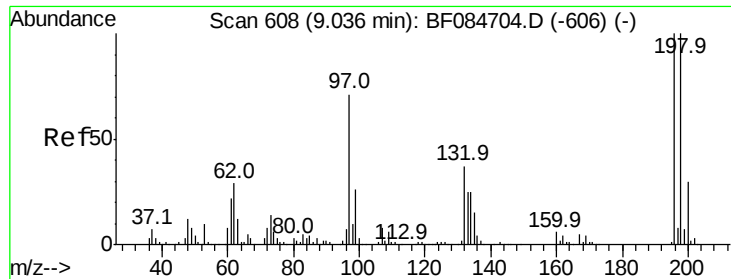
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#42
 2,4,6-Trichlorophenol
 Concen: 39.84 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245056		
198	107.8	77.7	116.5	
200	34.5	24.6	37.0	





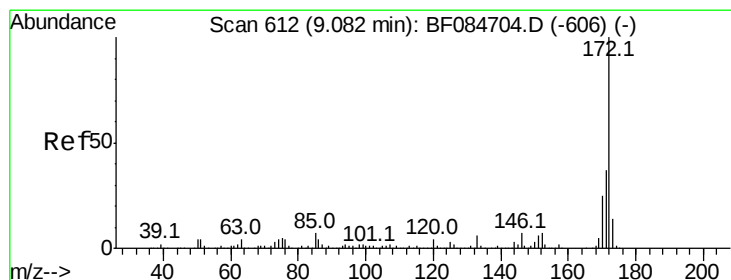
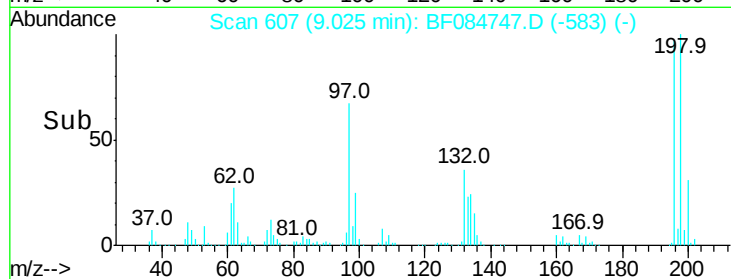
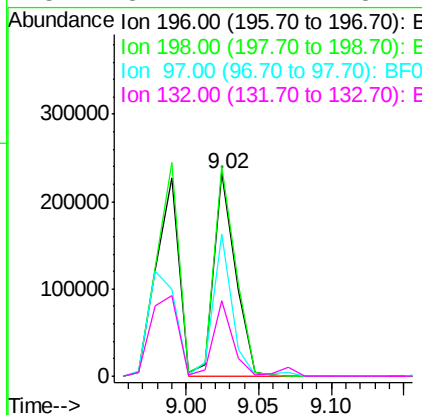
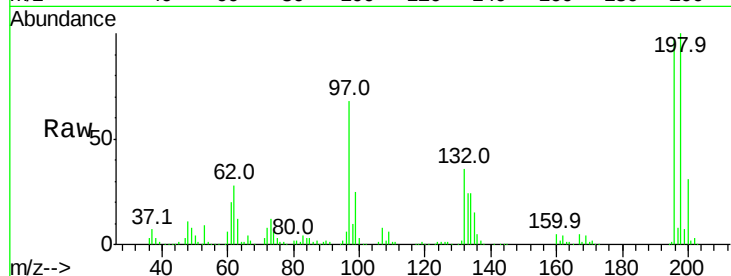
#43
 2,4,5-Trichlorophenol
 Concen: 38.65 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	241543
Ion Ratio	Lower	Upper	
196	100		
198	103.1	79.0	118.6
97	69.7	33.0	49.6#
132	37.1	21.1	31.7#

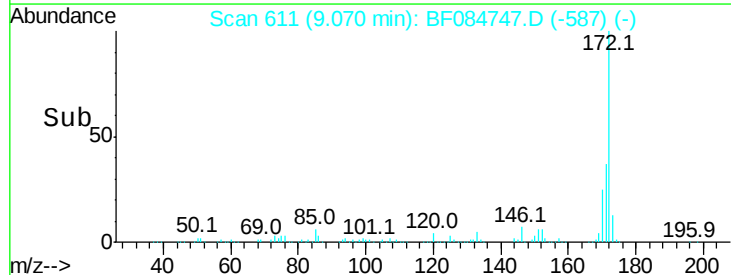
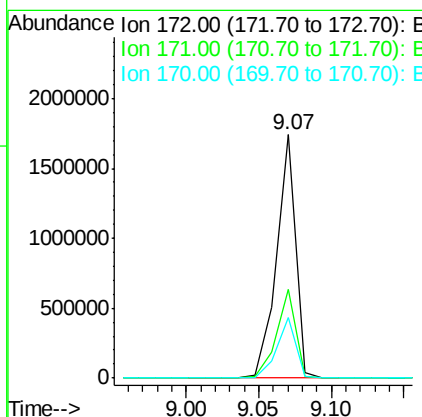
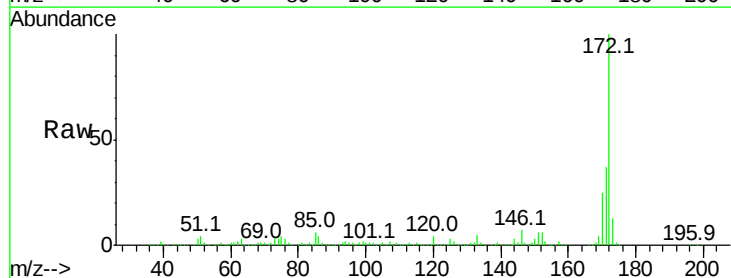
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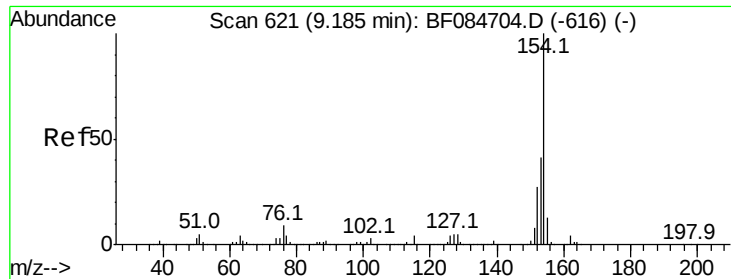
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#44
 2-Fluorobiphenyl
 Concen: 91.47 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:	172	Resp:	1591187
Ion Ratio	Lower	Upper	
172	100		
171	36.7	28.9	43.3
170	25.1	18.6	27.8





#45

1,1'-Biphenyl

Concen: 38.94 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1045563

Ion Ratio Lower Upper

154 100

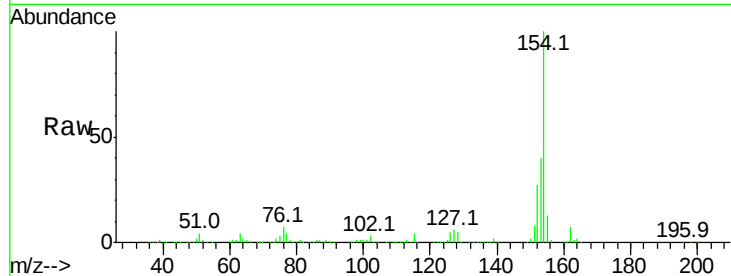
153 39.7 21.6 61.6

76 6.8 0.0 32.7

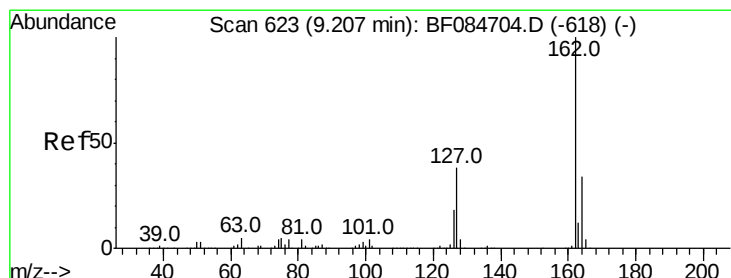
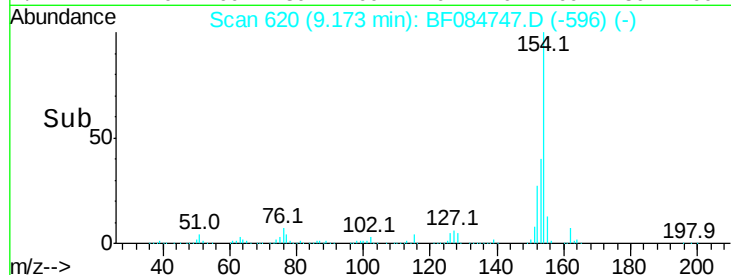
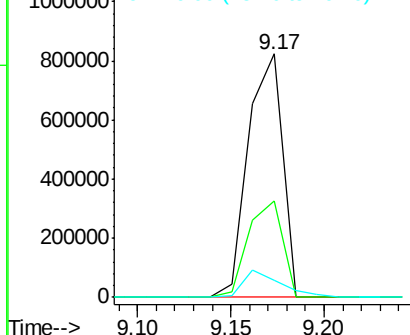
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.08 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

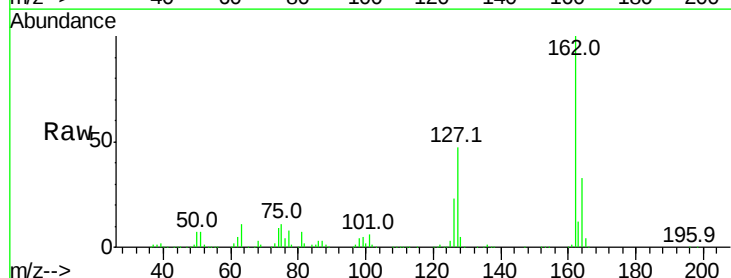
Tgt Ion:162 Resp: 752949

Ion Ratio Lower Upper

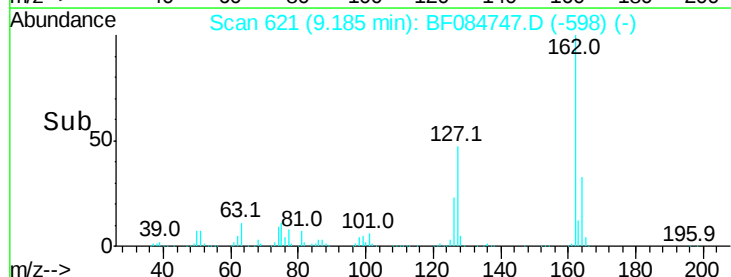
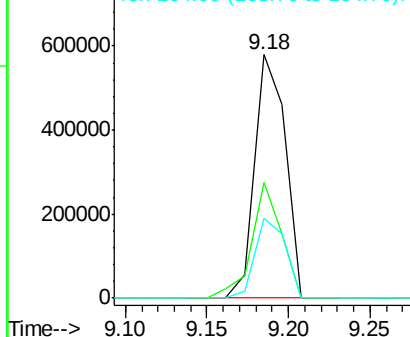
162 100

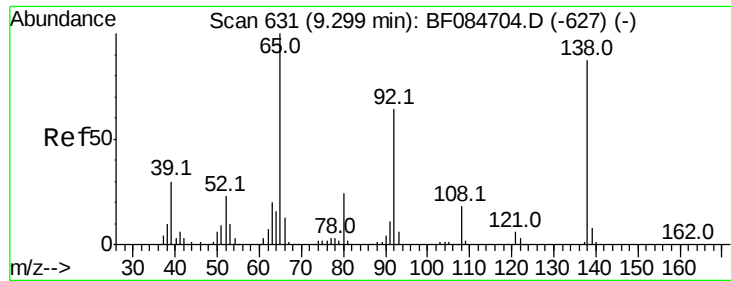
127 47.2 40.2 60.4

164 32.9 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





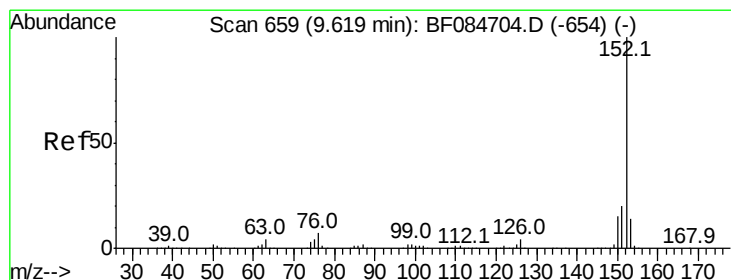
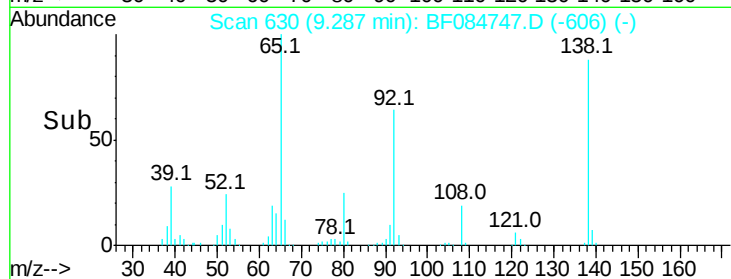
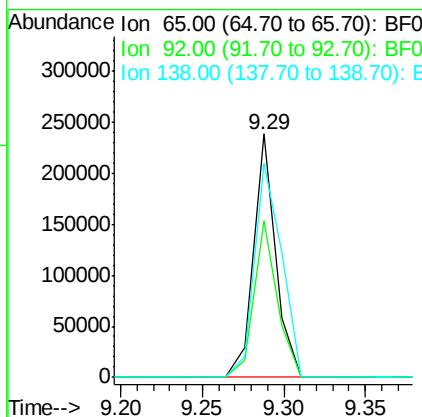
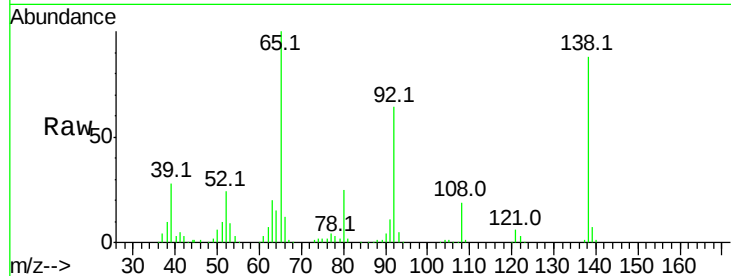
#47
2-Nitroaniline
Concen: 35.95 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.2	53.4	80.2
138	87.8	71.1	106.7

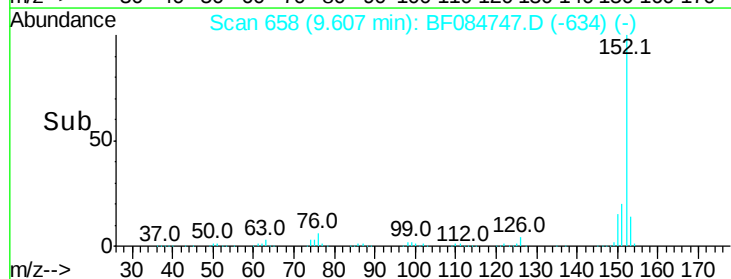
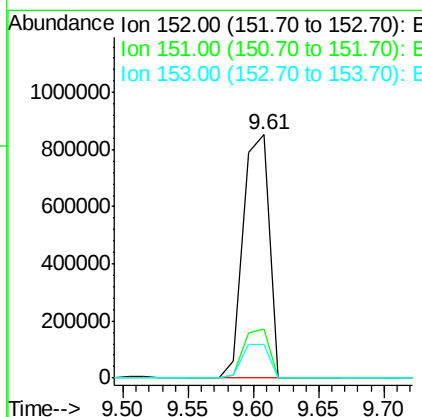
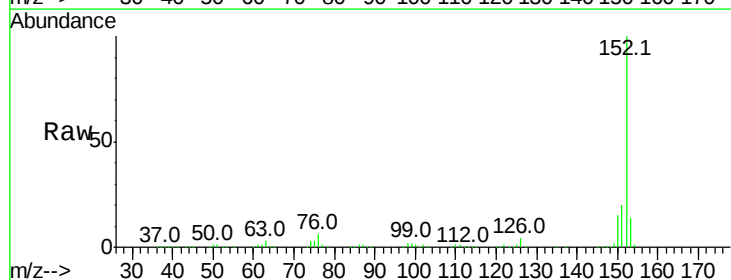
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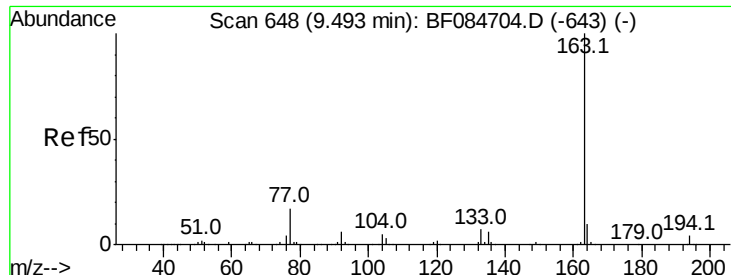
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#48
Acenaphthylene
Concen: 38.98 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.8	10.4	15.6





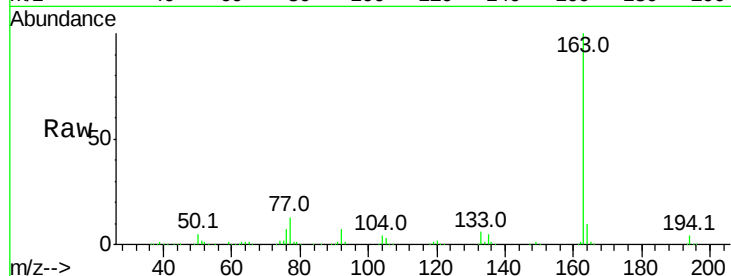
#49
Dimethylphthalate
Concen: 40.10 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

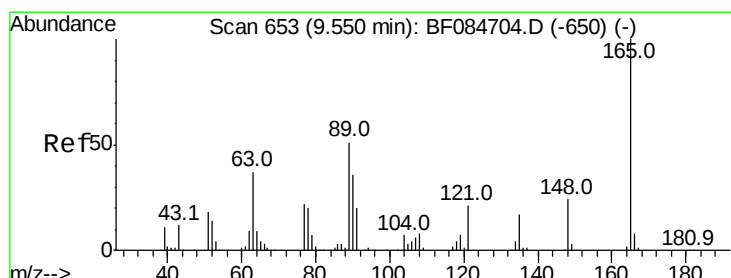
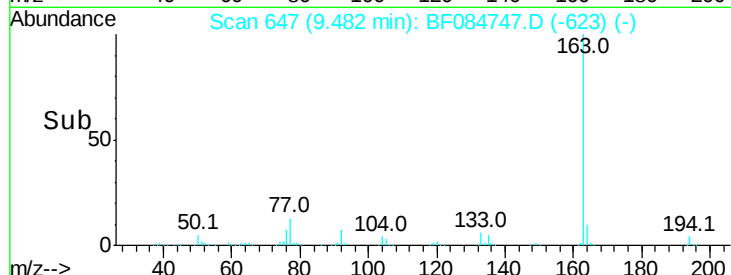
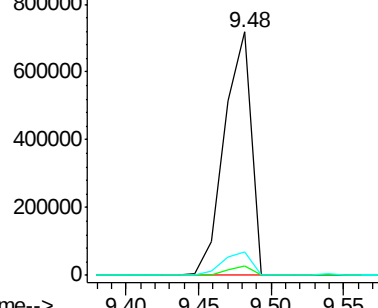
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	8.0	12.0#
164	9.8	8.0	12.0

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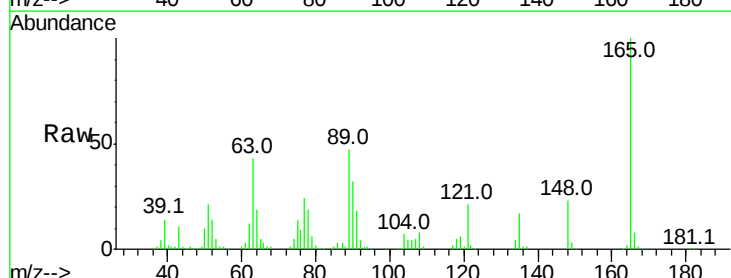


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

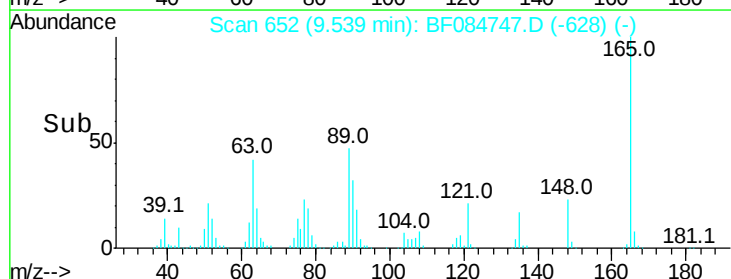
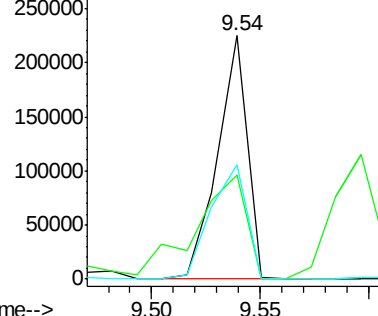


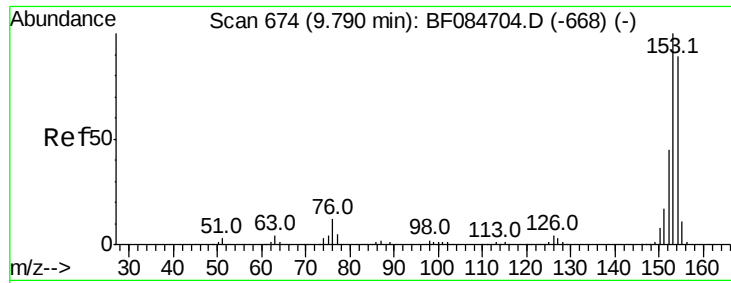
#50
2,6-Dinitrotoluene
Concen: 42.55 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	42.5	28.8	43.2
89	47.2	35.1	52.7



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





#51

Acenaphthene

Concen: 38.20 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

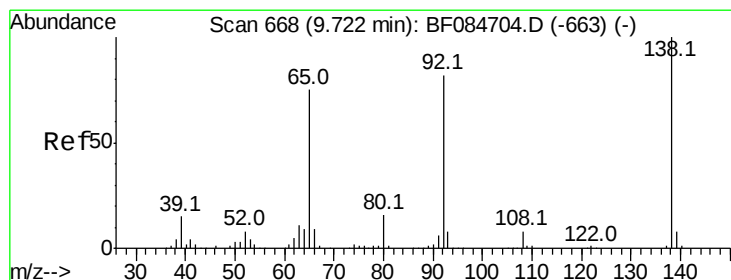
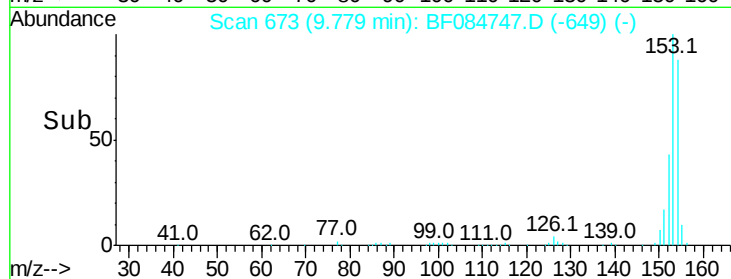
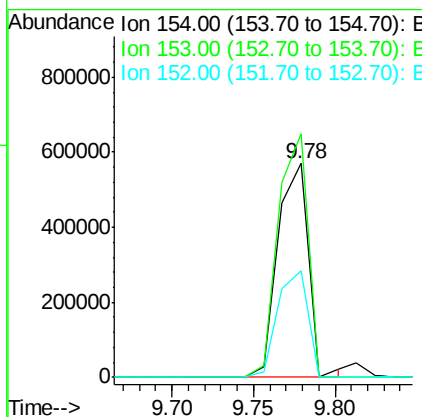
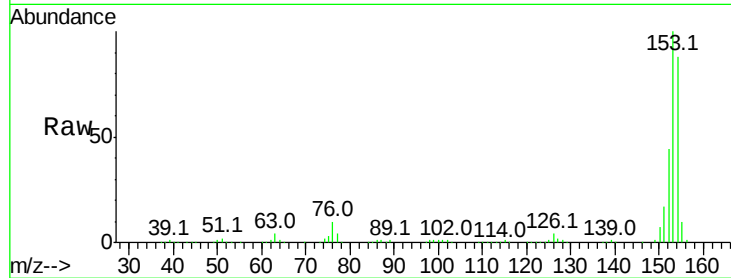
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	745711
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.5	137.3
152	49.7	43.0	64.6

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#52

3-Nitroaniline

Concen: 35.34 ng

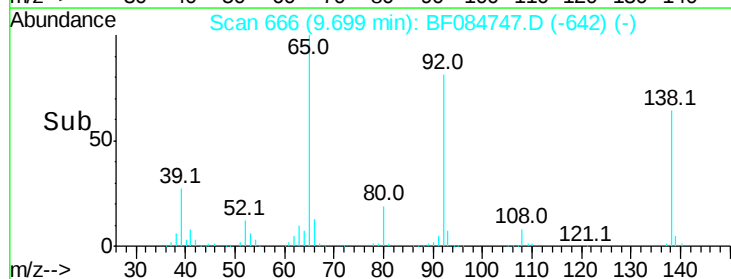
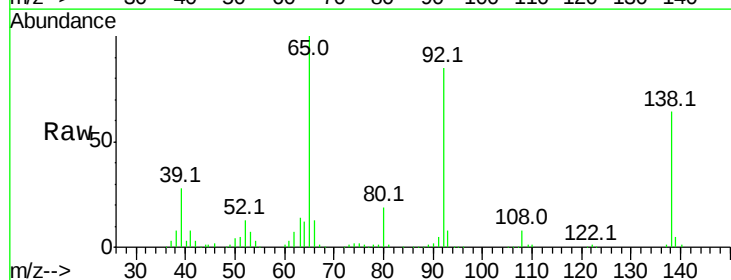
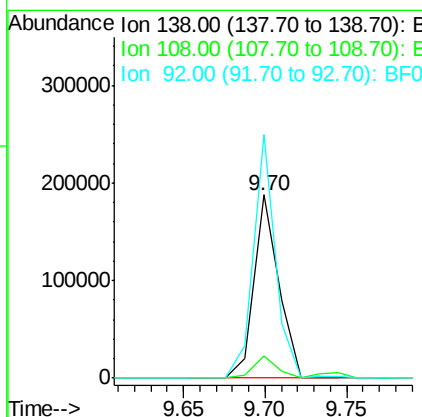
RT: 9.70 min Scan# 666

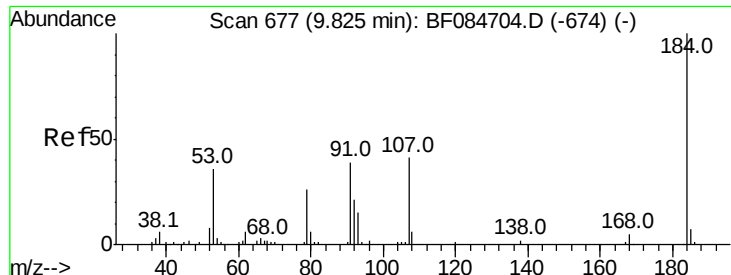
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	138	Resp:	198621
Ion Ratio	Lower	Upper	
138	100		
108	12.0	10.5	15.7
92	132.8	103.9	155.9





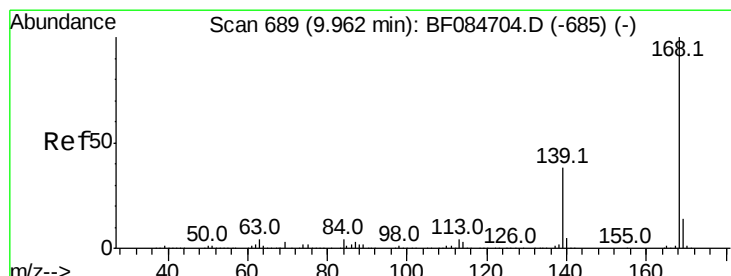
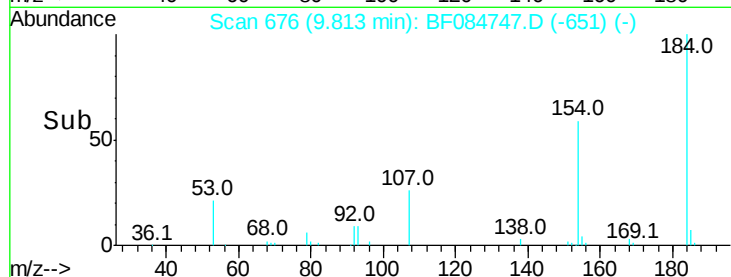
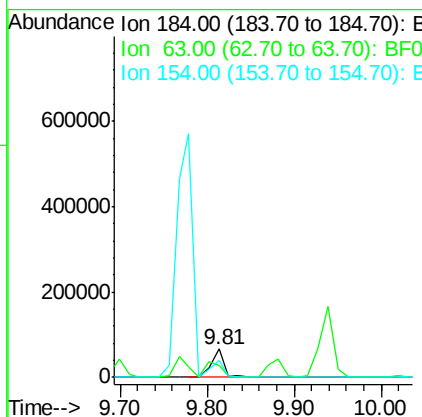
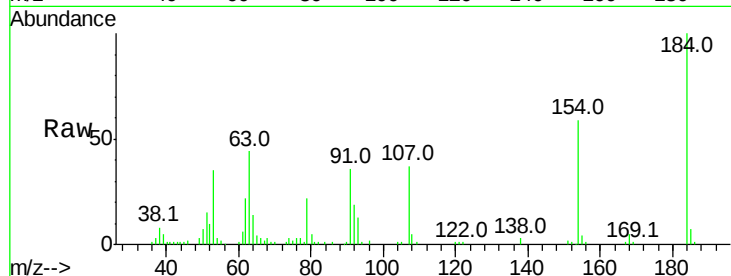
#53
 2,4-Dinitrophenol
 Concen: 34.95 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	43.5	43.1	64.7
154	59.3	60.5	90.7#

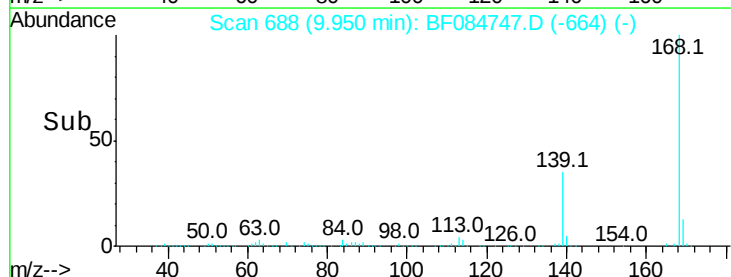
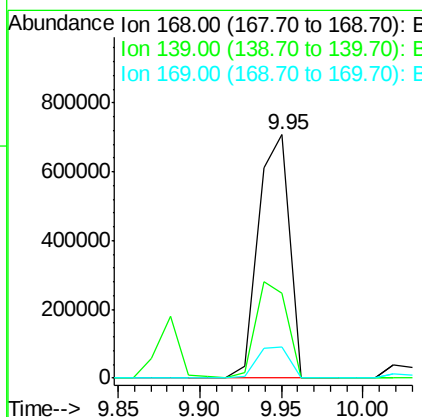
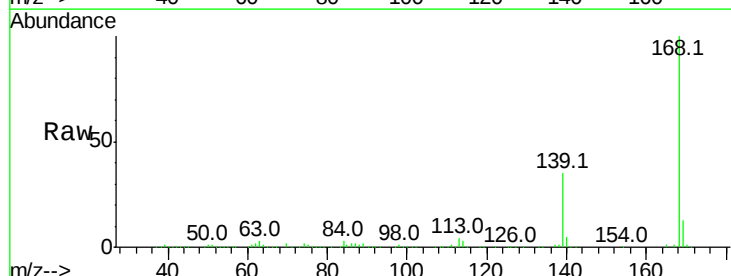
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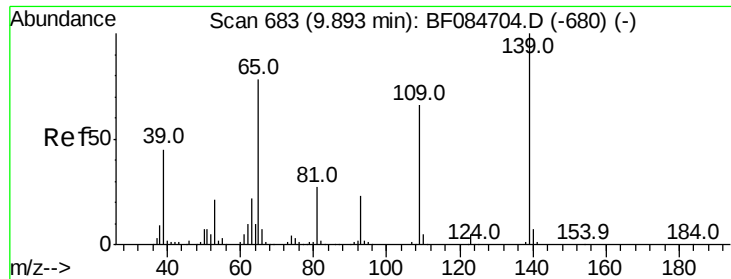
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#54
 Dibenzofuran
 Concen: 39.05 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.1	30.5	45.7
169	12.9	10.4	15.6





#55

4-Nitrophenol

Concen: 41.54 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

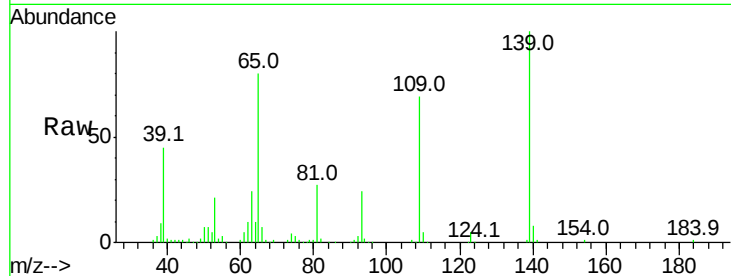
ClientSampleId :

SSTDCCC040

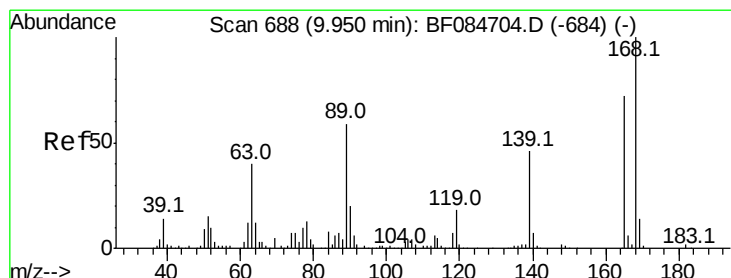
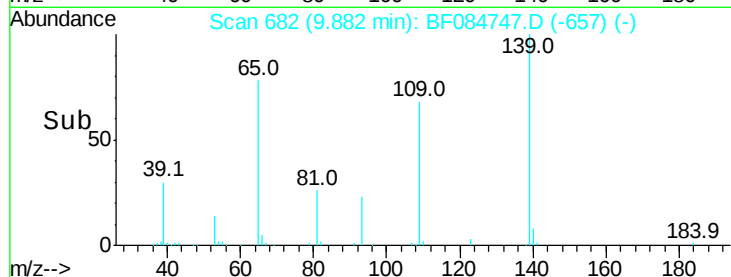
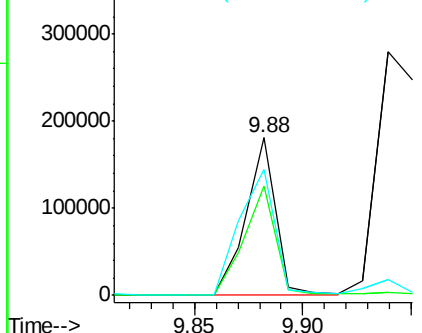
Tot Ion:	139	Resp:	171585
Ion Ratio	Lower	Upper	
139	100		
109	69.1	58.5	98.5
65	79.7	57.6	97.6

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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.09 ng

RT: 9.94 min Scan# 687

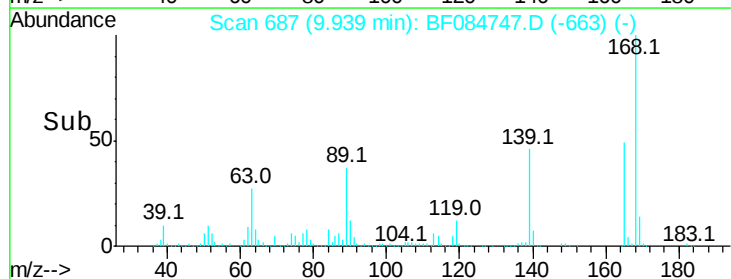
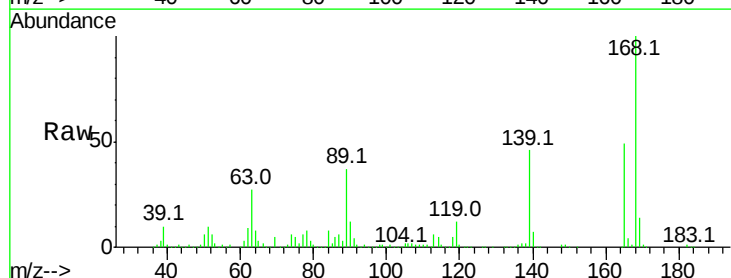
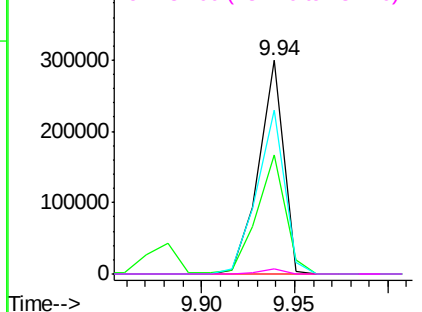
Delta R.T. -0.02 min

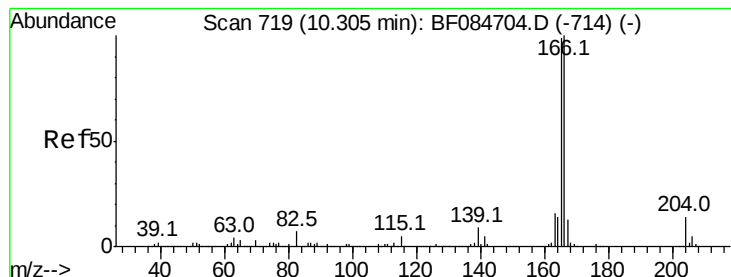
Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	165	Resp:	274909
Ion Ratio	Lower	Upper	
165	100		
63	55.5	36.7	55.1#
89	76.5	61.9	92.9
182	2.2	2.0	3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.72 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

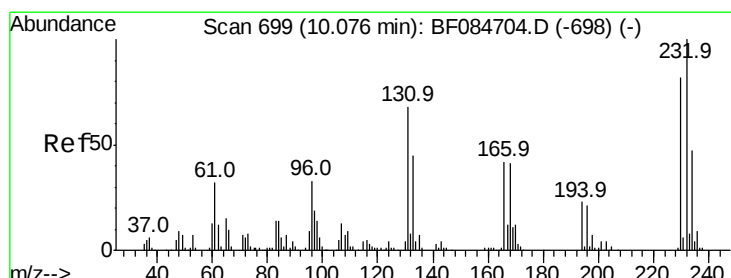
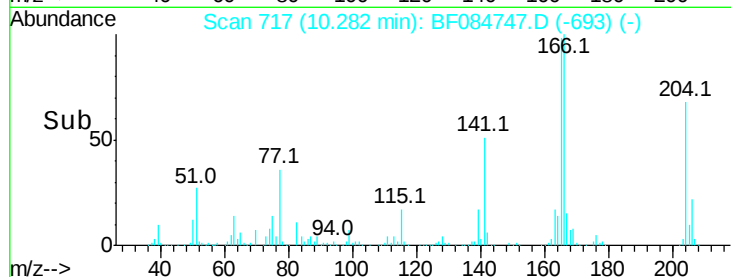
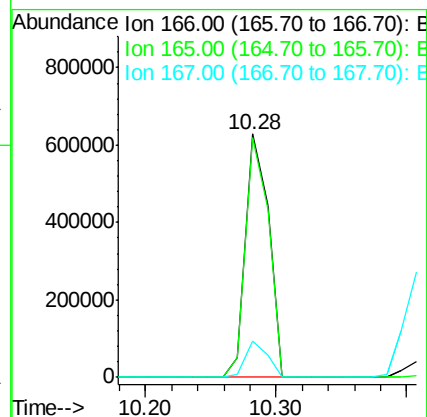
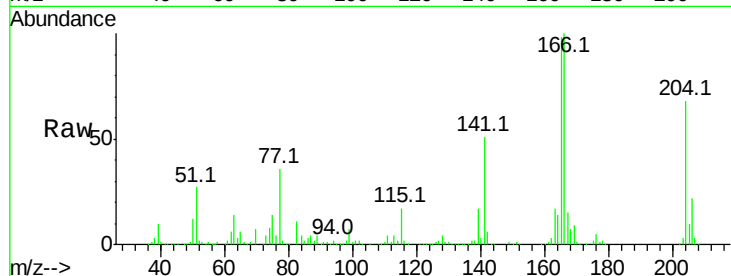
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	771595		
165	98.4	79.1	118.7	
167	14.8	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 38.31 ng

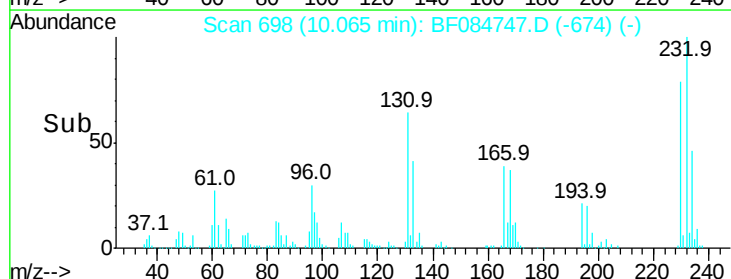
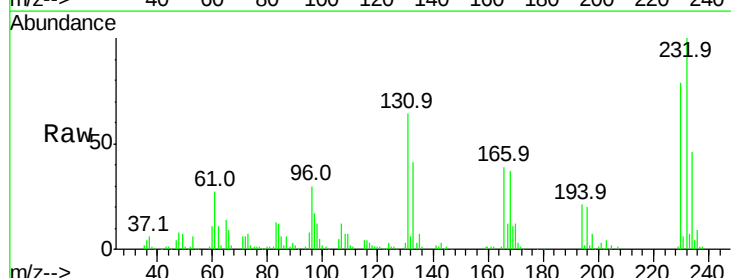
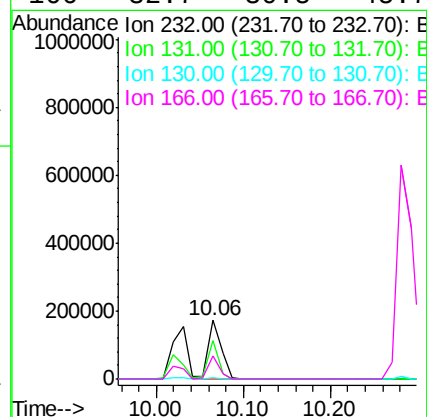
RT: 10.06 min Scan# 698

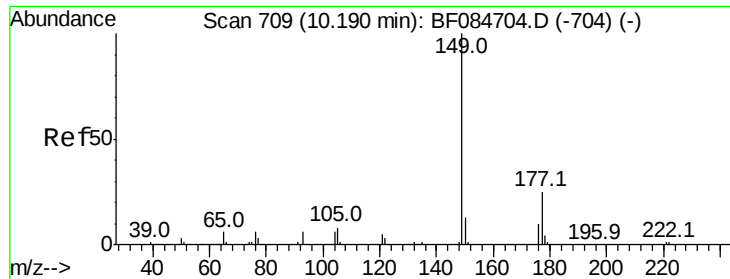
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	182266		
131	52.4	47.0	70.6	
130	2.6	2.0	3.0	
166	32.7	30.5	45.7	





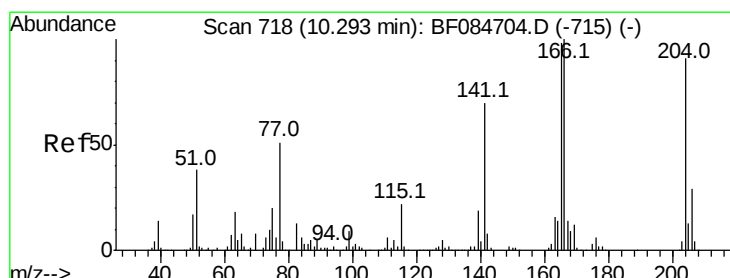
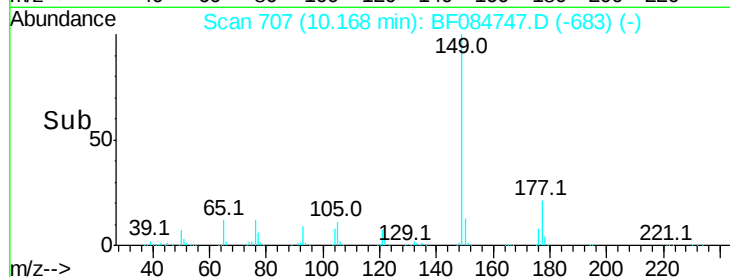
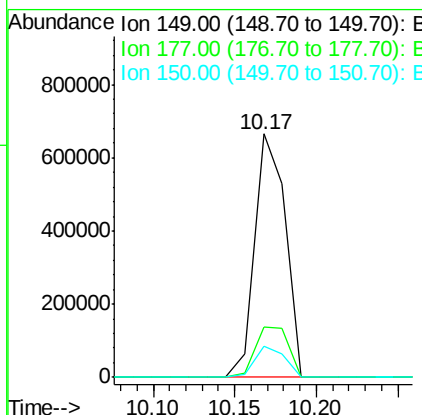
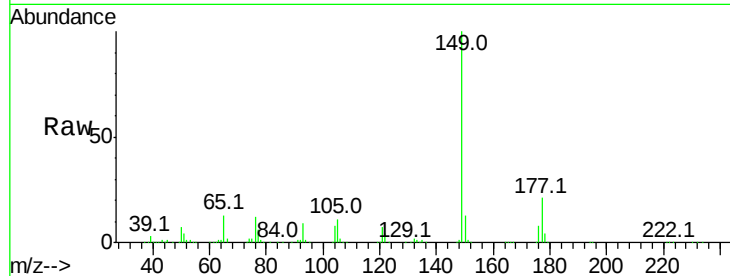
#59
Diethylphthalate
Concen: 38.76 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	866580		
177	20.6	17.3	25.9	
150	12.8	9.8	14.8	

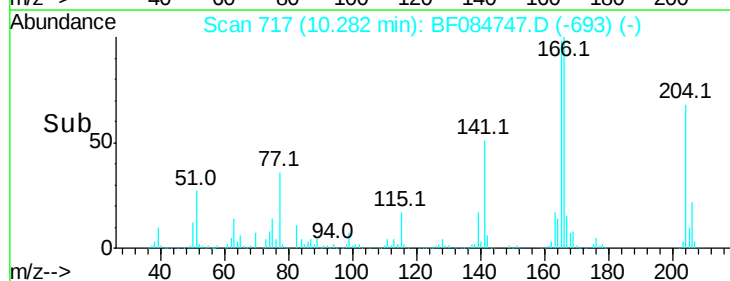
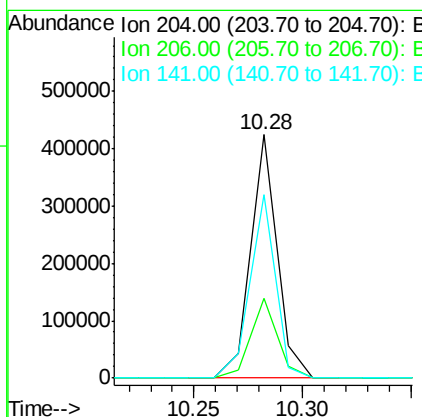
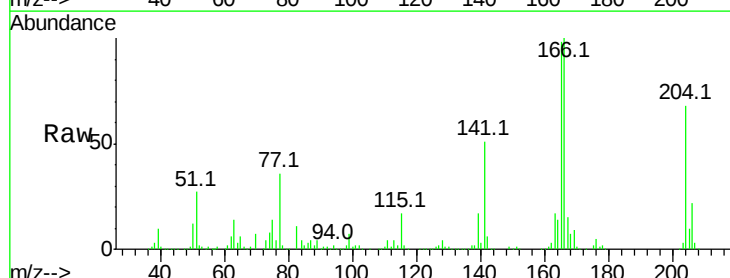
Manual Integrations
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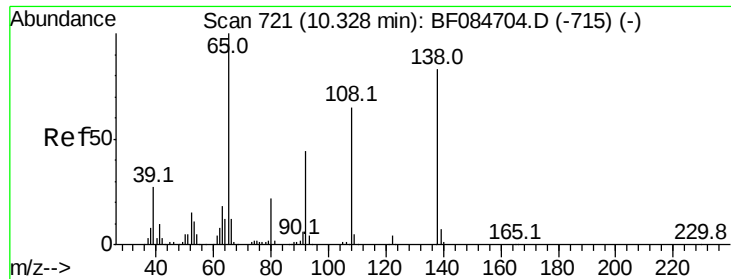
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#60
4-Chlorophenyl-phenylether
Concen: 42.48 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	359026		
206	32.7	25.7	38.5	
141	75.2	55.1	82.7	





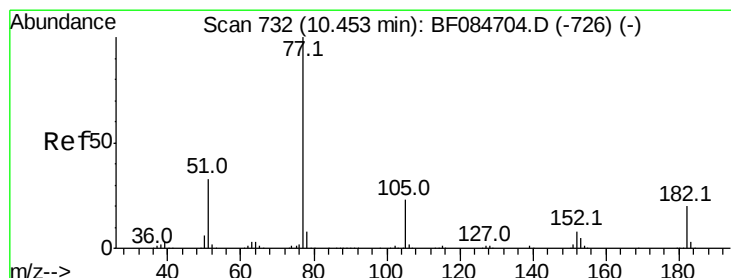
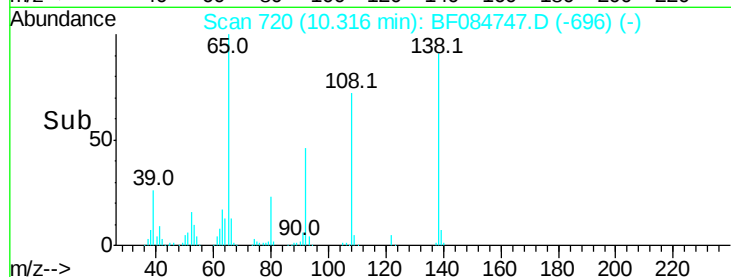
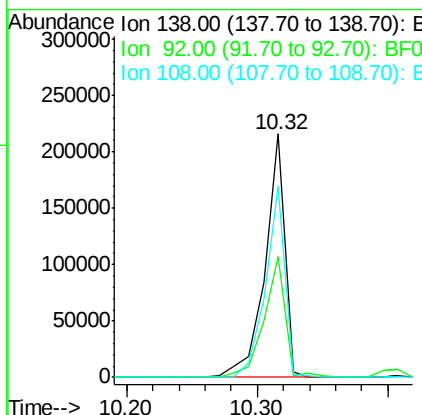
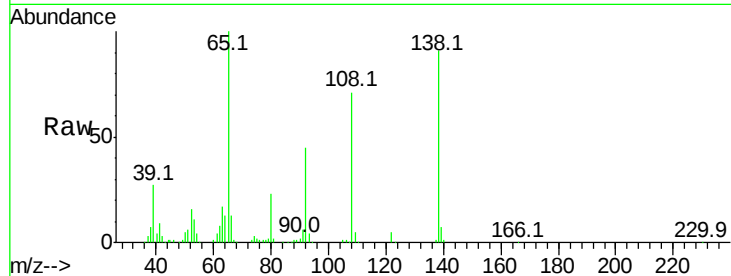
#61
4-Nitroaniline
Concen: 42.12 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	230713		
92	49.8	32.6	72.6	
108	78.4	68.6	108.6	

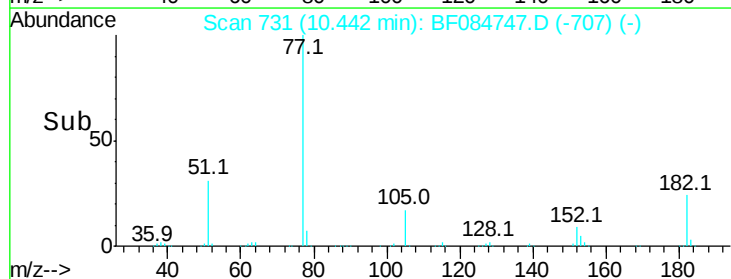
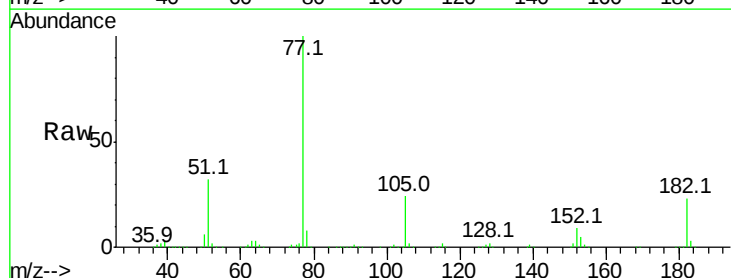
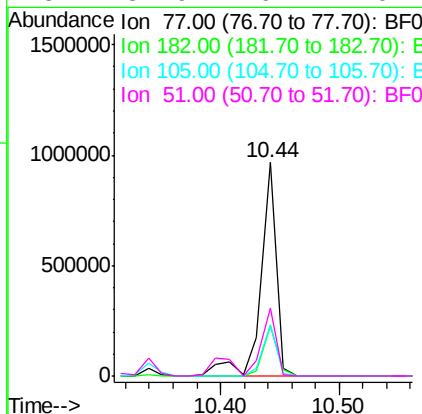
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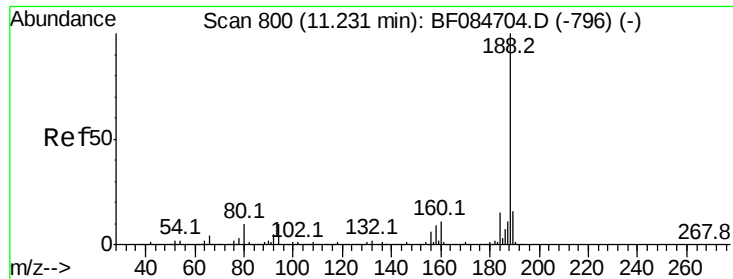
MMDadoda
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#62
Azobenzene
Concen: 41.53 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	892909		
182	23.1	8.3	48.3	
105	23.8	4.6	44.6	
51	31.9	6.2	46.2	





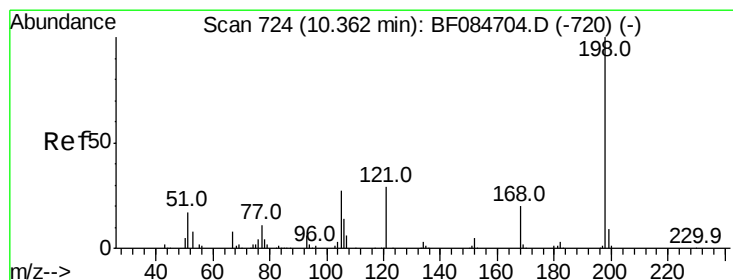
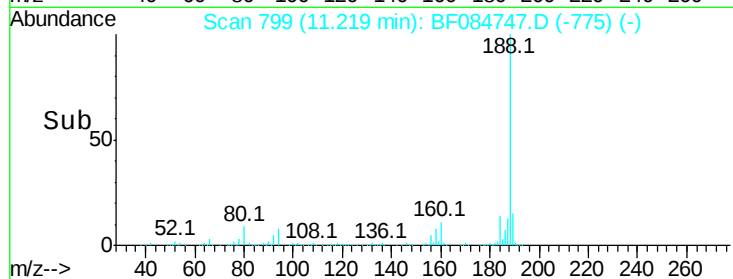
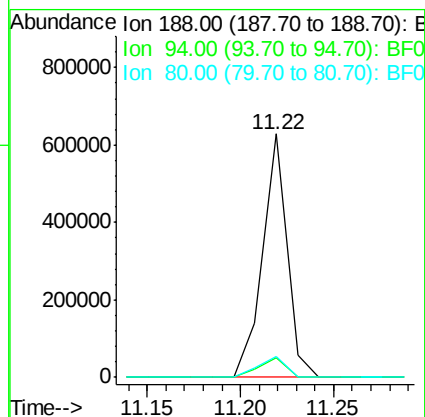
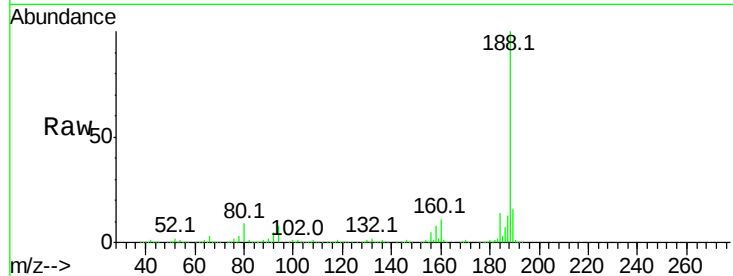
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.8	9.6	14.4#

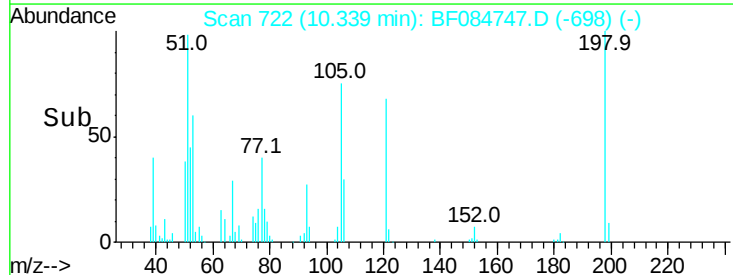
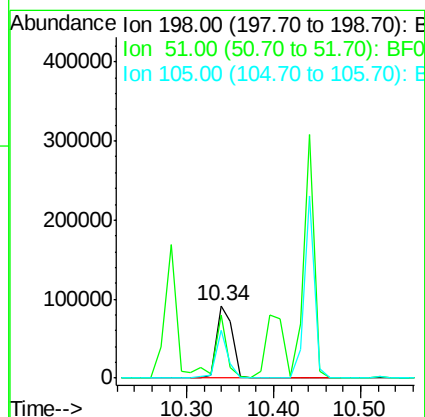
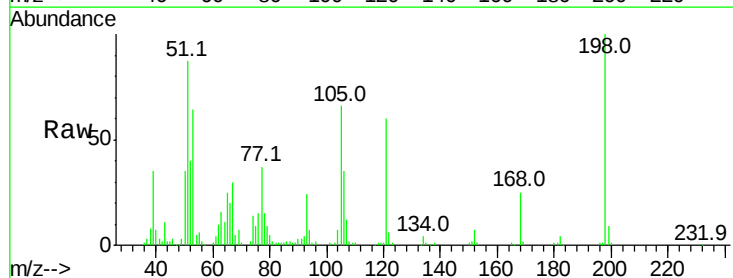
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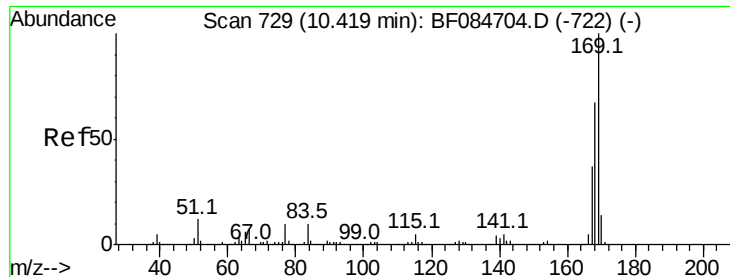
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#64
4,6-Dinitro-2-methylphenol
Concen: 33.79 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	86.7	18.9	58.9#
105	65.5	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.78 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

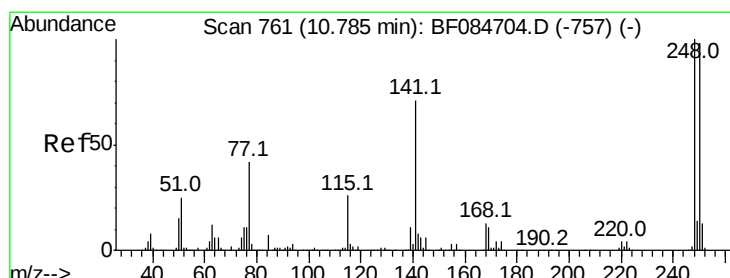
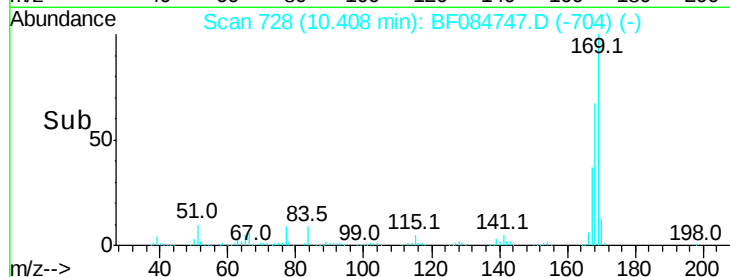
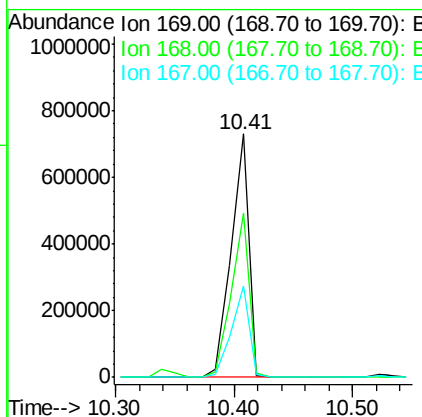
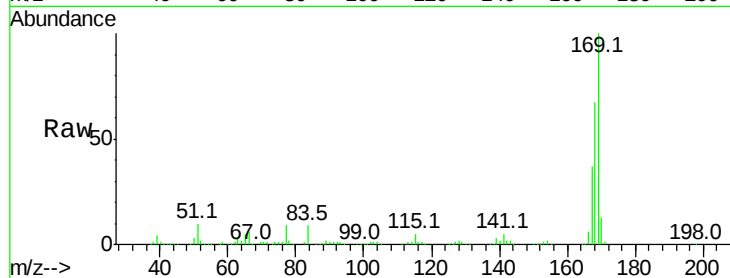
ClientSampleId :

SSTDCCC040

Tot Ion:	169	Resp:	753168
Ion Ratio	Lower	Upper	
169	100		
168	67.2	55.1	82.7
167	37.5	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 42.30 ng

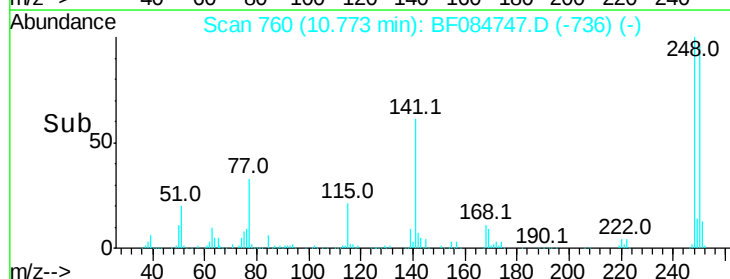
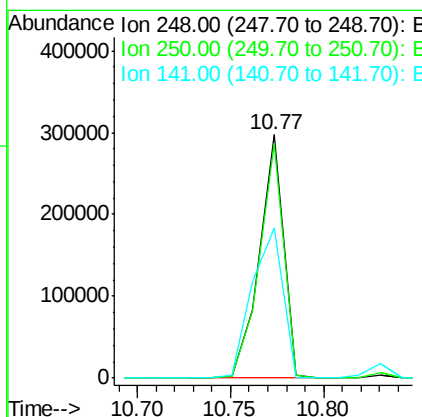
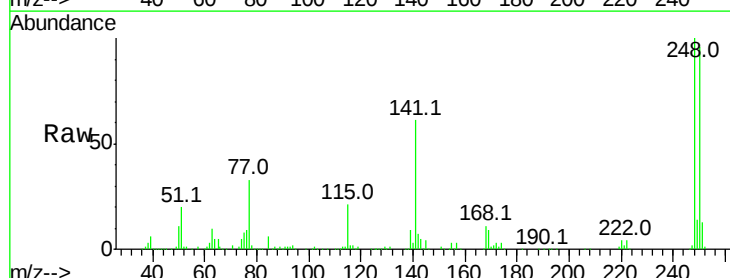
RT: 10.77 min Scan# 760

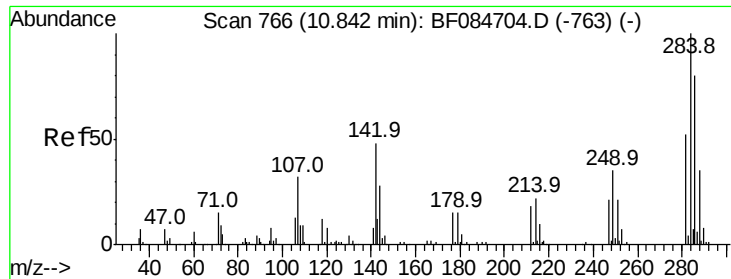
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	248	Resp:	265255
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.4	117.6
141	61.5	44.0	66.0





#67

Hexachlorobenzene

Concen: 37.04 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

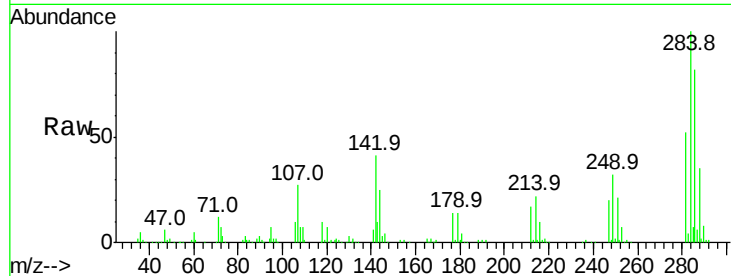
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	253064		
142	41.3	22.2	33.4#	
249	32.4	24.6	37.0	

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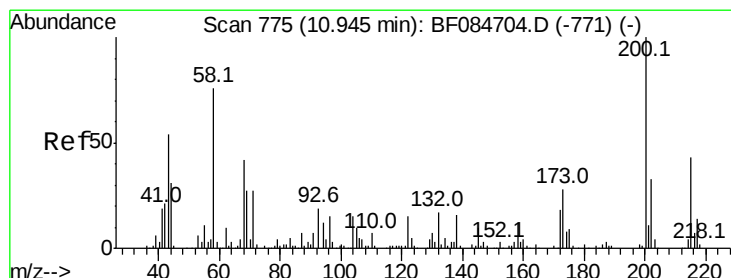
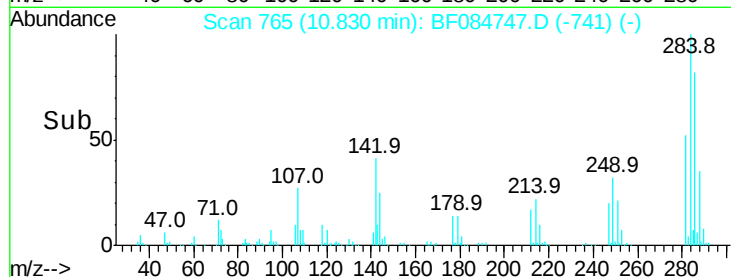
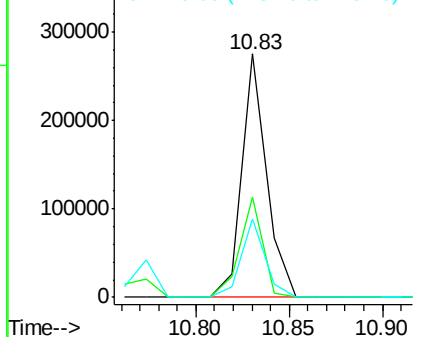
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.38 ng

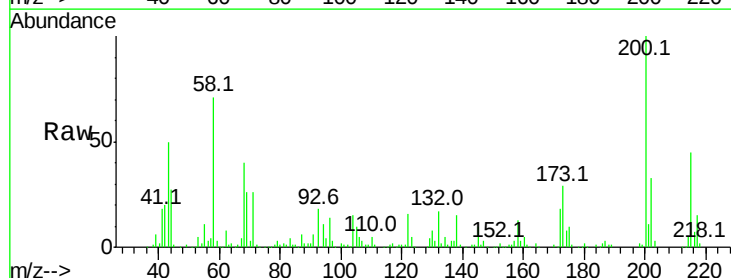
RT: 10.93 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

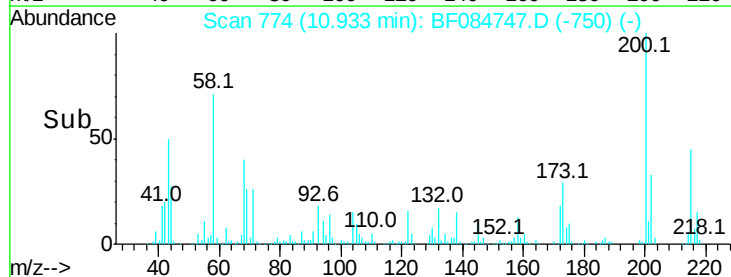
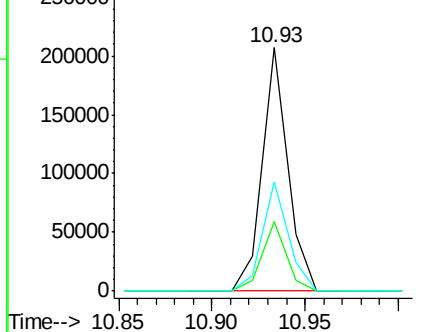
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	195712		
173	28.6	9.5	49.5	
215	44.8	23.8	63.8	

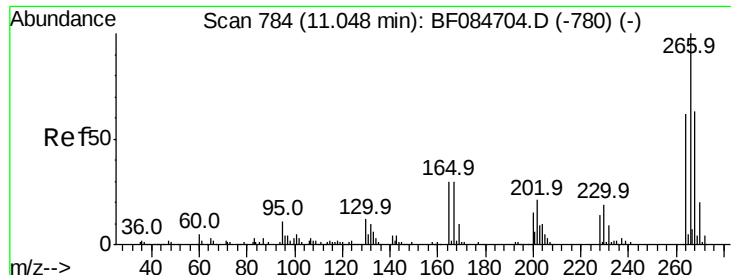


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





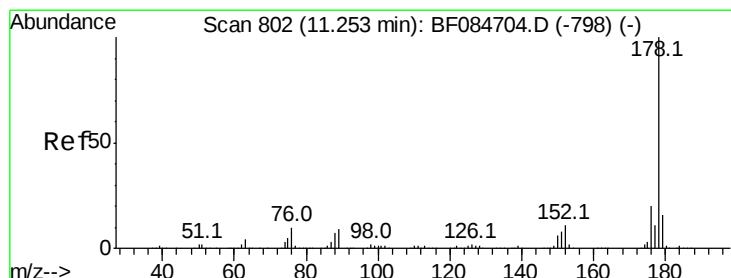
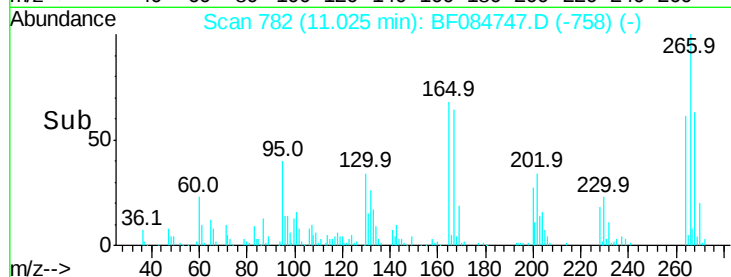
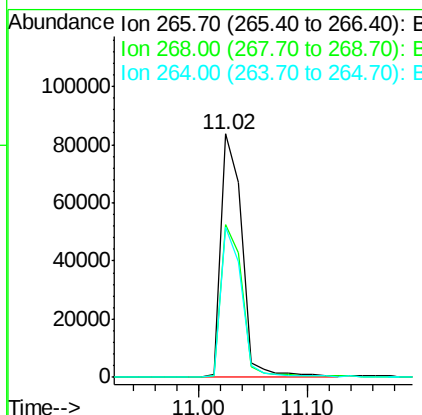
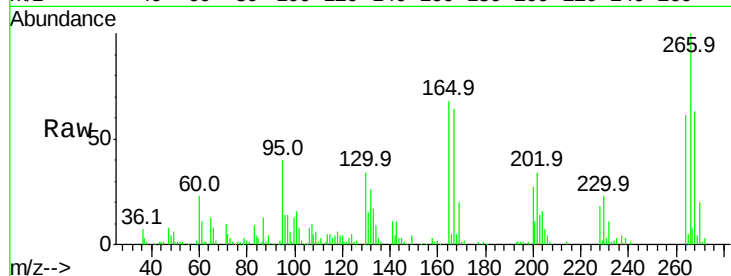
#69
 Pentachlorophenol
 Concen: 35.30 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	113352		
268	63.0		52.4	78.6
264	61.5		50.2	75.2

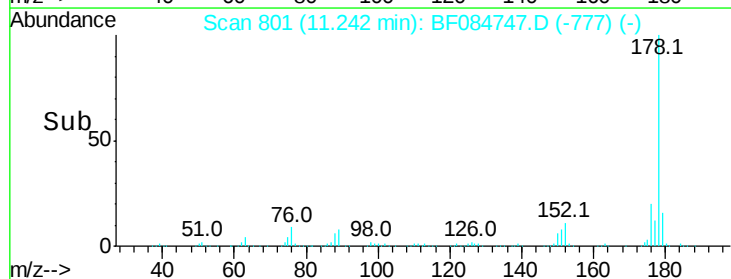
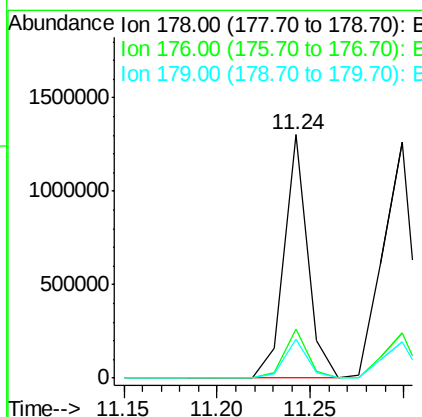
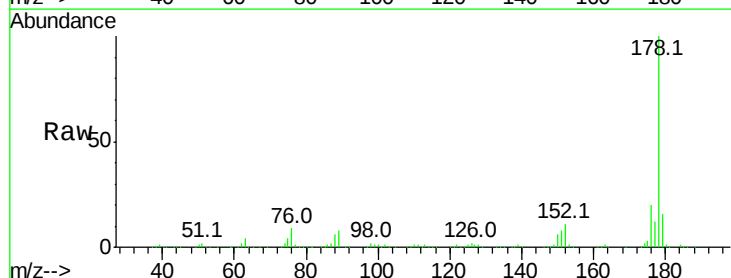
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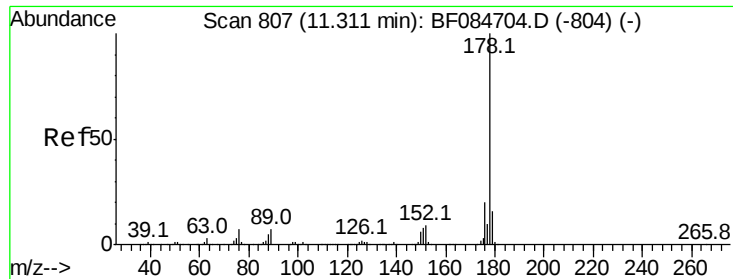
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 2/3/2016 6:25:32 PM



#70
 Phenanthrene
 Concen: 36.43 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1147154		
176	20.0		15.3	22.9
179	16.1		12.0	18.0





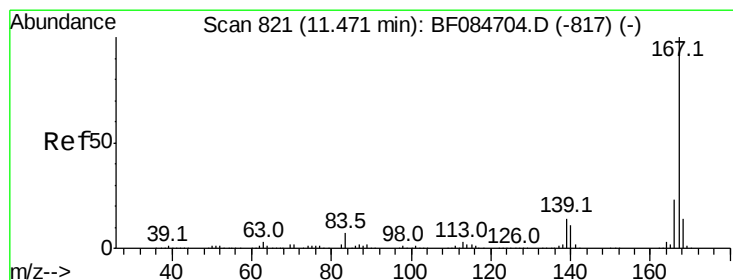
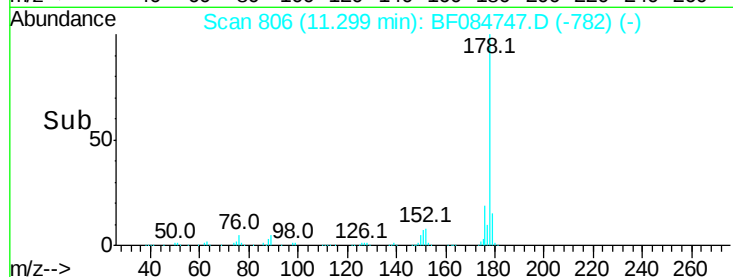
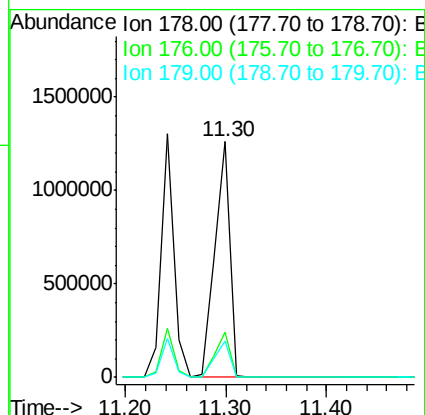
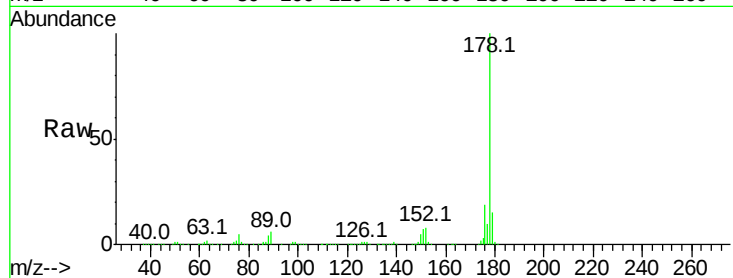
#71
 Anthracene
 Concen: 41.19 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1306857
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 15.4 12.5 18.7

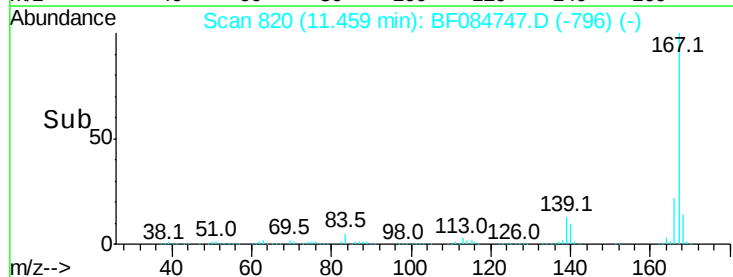
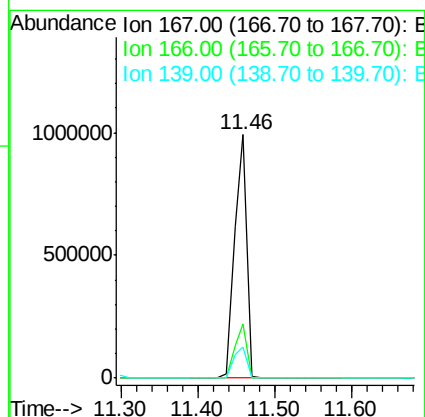
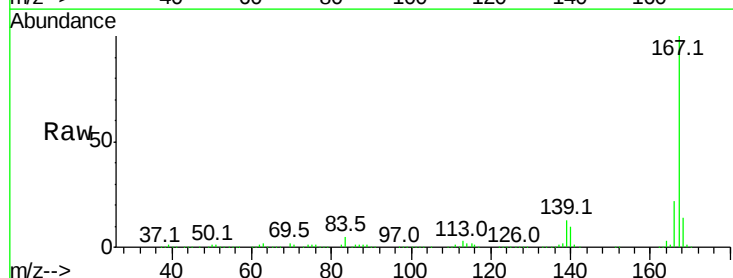
Manual Integrations
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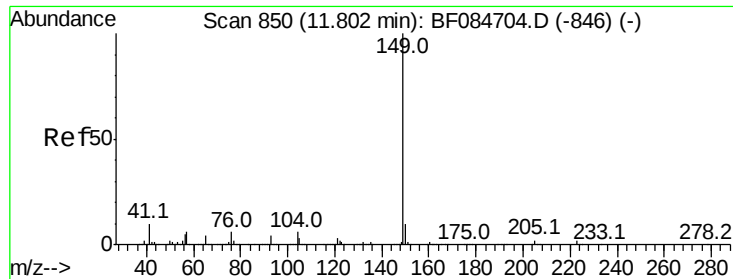
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#72
 Carbazole
 Concen: 40.77 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion:167 Resp: 1127874
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.7 11.8 17.8





#73

Di-n-butylphthalate

Concen: 36.22 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1275621

Ion Ratio Lower Upper

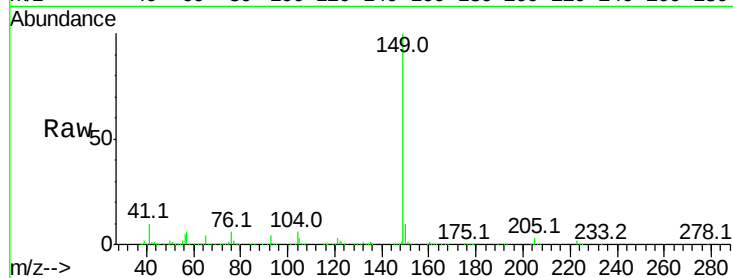
149 100

150 9.8 7.1 10.7

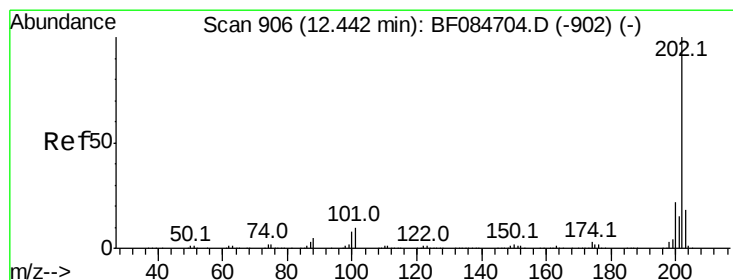
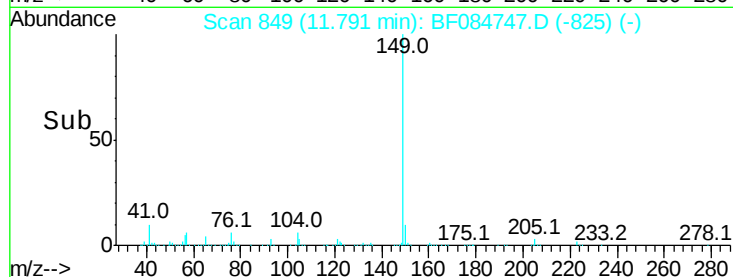
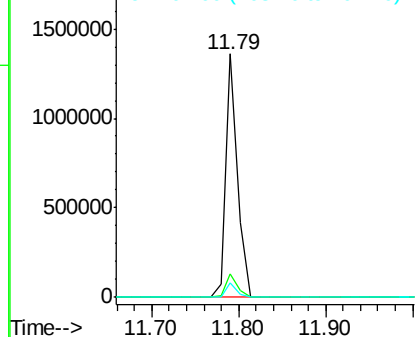
104 5.8 3.2 4.8#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.93 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

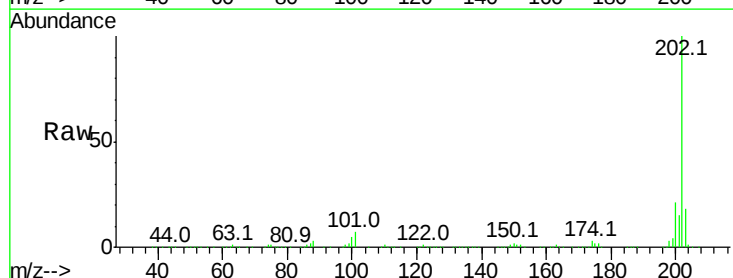
Tgt Ion:202 Resp: 1304519

Ion Ratio Lower Upper

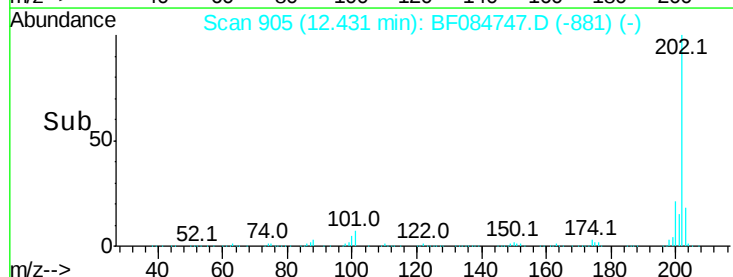
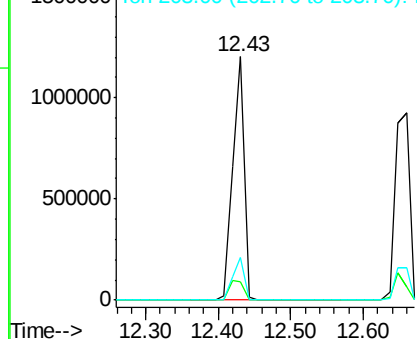
202 100

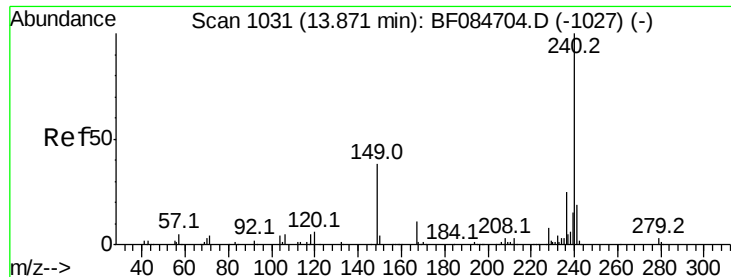
101 7.3 0.0 32.8

203 17.8 0.0 37.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

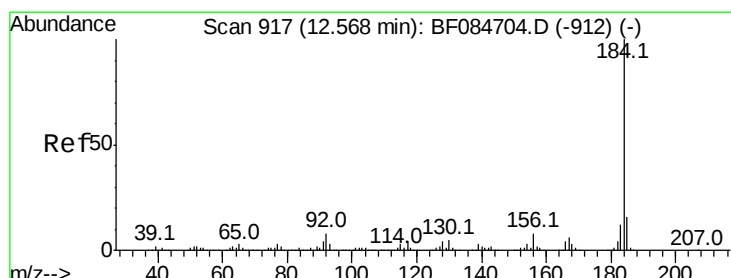
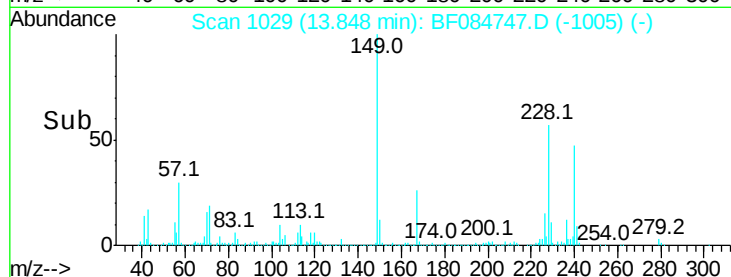
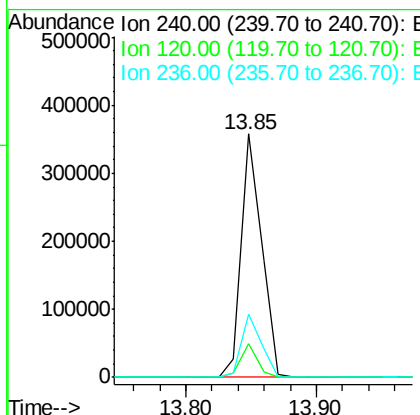
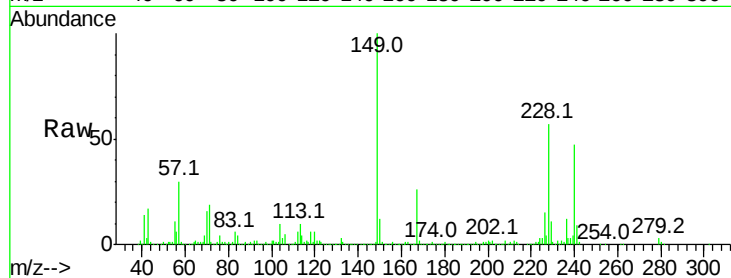
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	387122
Ion Ratio	Lower	Upper	
240	100		
120	13.8	9.5	14.3
236	25.7	20.6	31.0

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#76

Benzidine

Concen: 46.37 ng

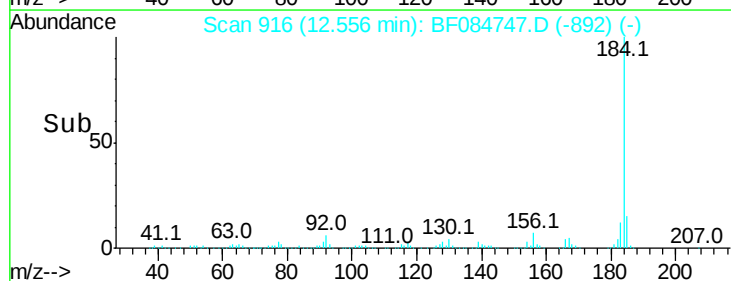
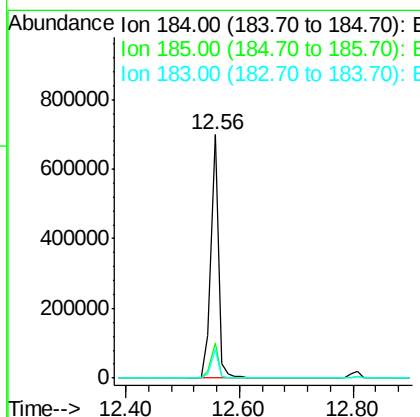
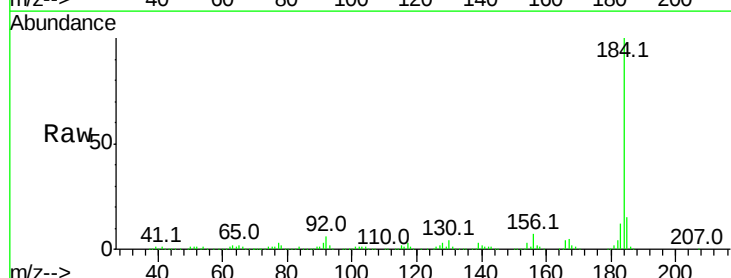
RT: 12.56 min Scan# 916

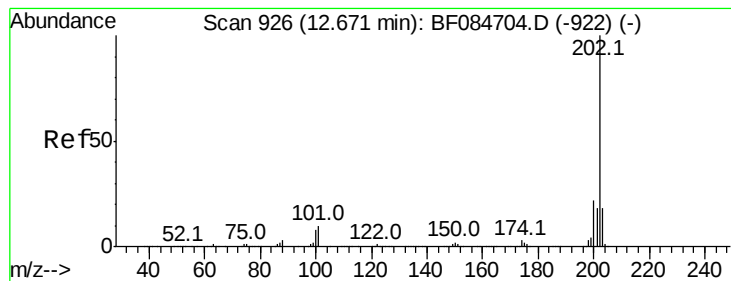
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	184	Resp:	616918
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.2
183	11.5	9.8	14.8





#77

Pvrene

Concen: 42.97 ng

RT: 12.66 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

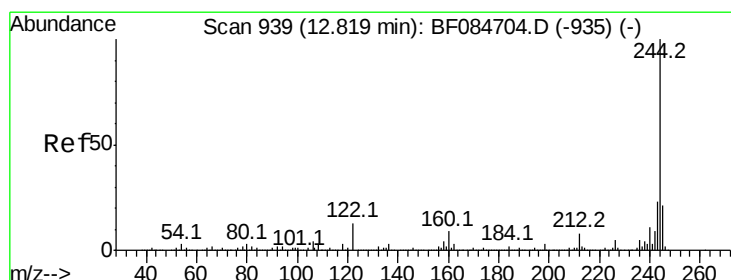
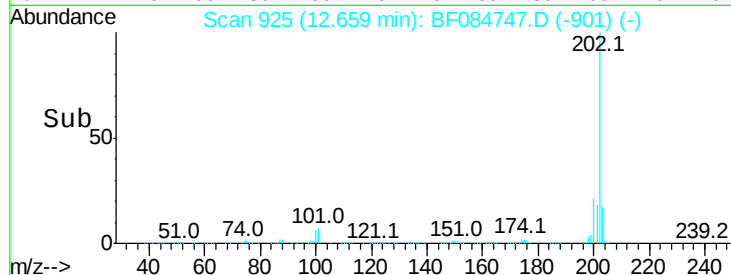
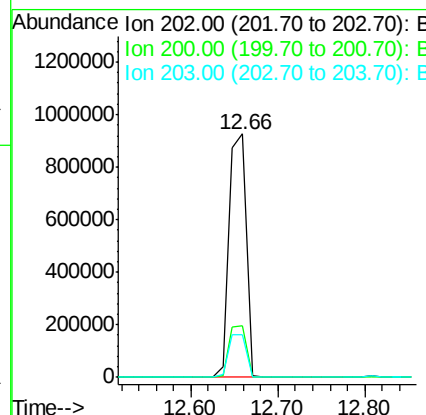
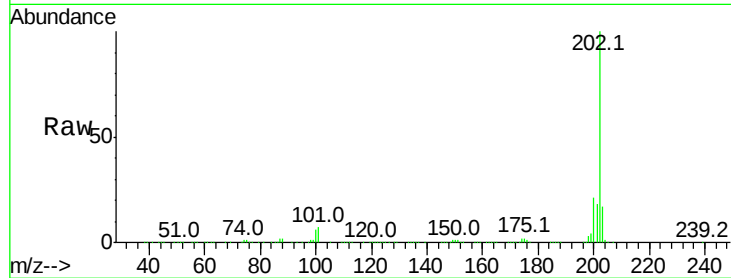
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.3	21.5

Manual Integrations
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2/3/2016 6:25:32 PM



#78

Terphenyl-d14

Concen: 88.60 ng

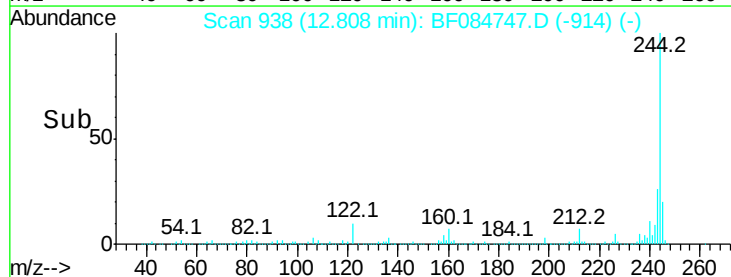
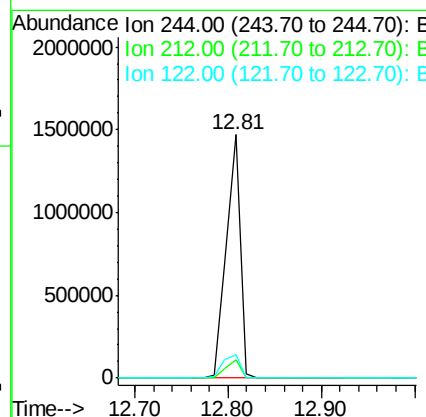
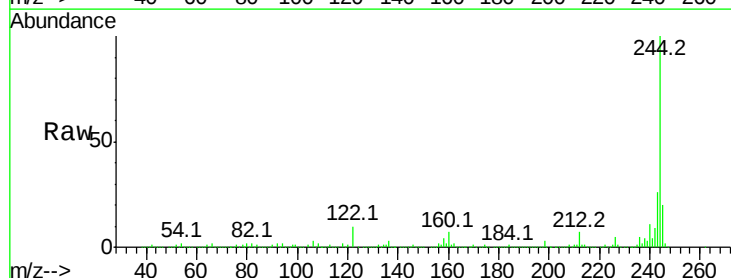
RT: 12.81 min Scan# 938

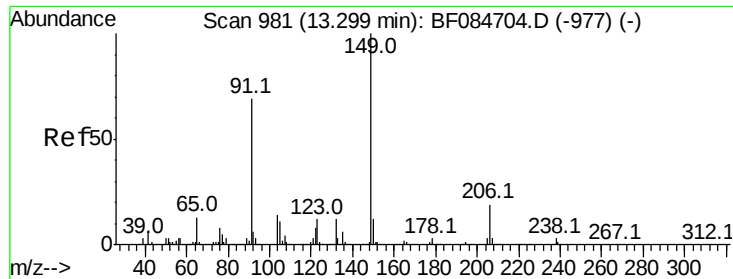
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	9.7	7.4	11.0





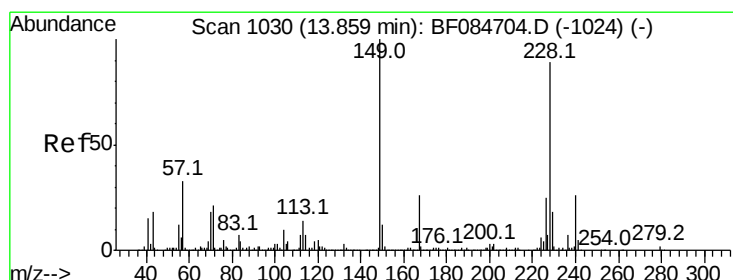
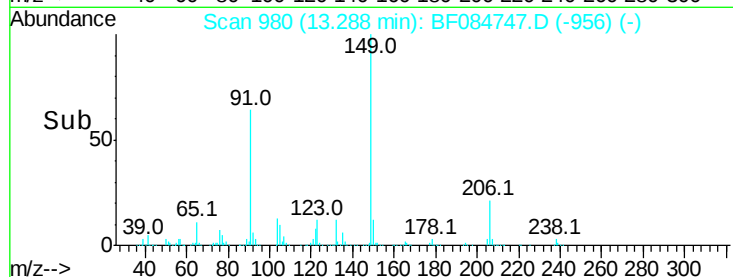
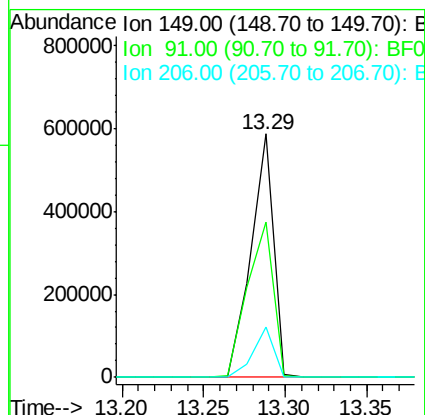
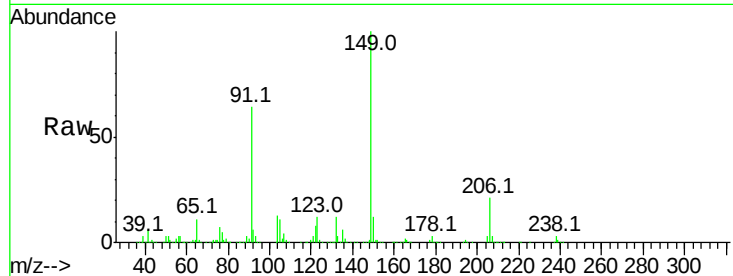
#79
Butylbenzylphthalate
Concen: 42.07 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	565614		
91	63.8		57.6	86.4
206	20.8		13.2	19.8

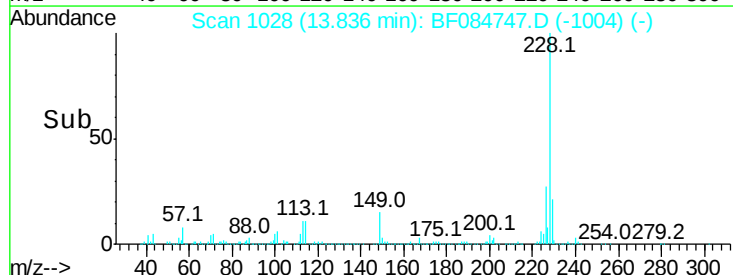
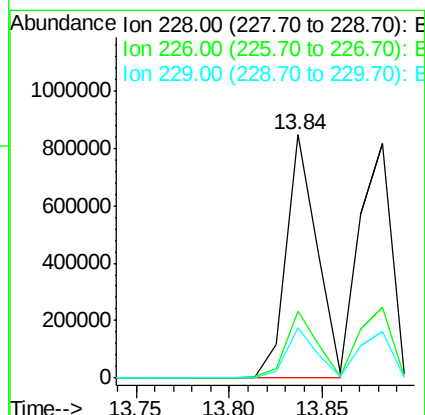
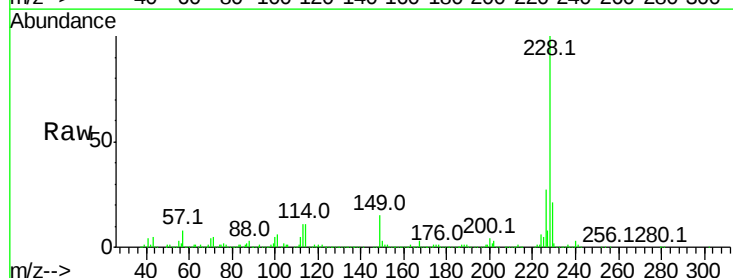
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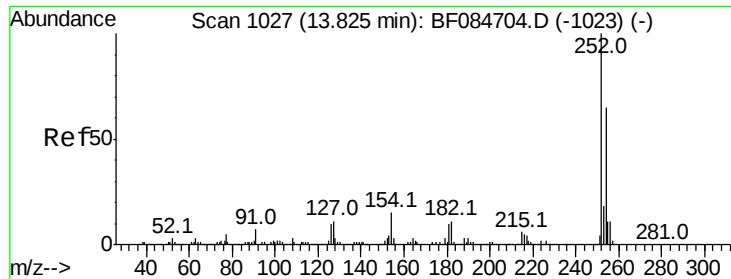
MMDadoda
2/3/2016 6:25:32 PM



#80
Benzo(a)anthracene
Concen: 40.62 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	975935		
226	27.4		21.8	32.6
229	20.6		15.8	23.8





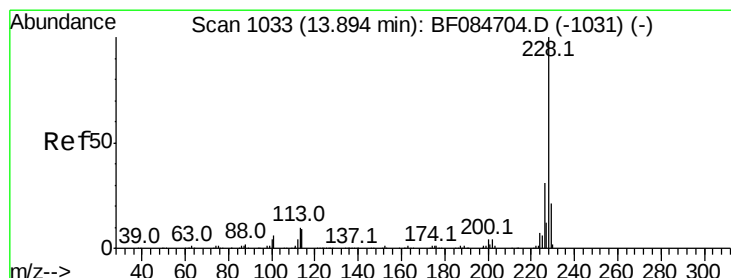
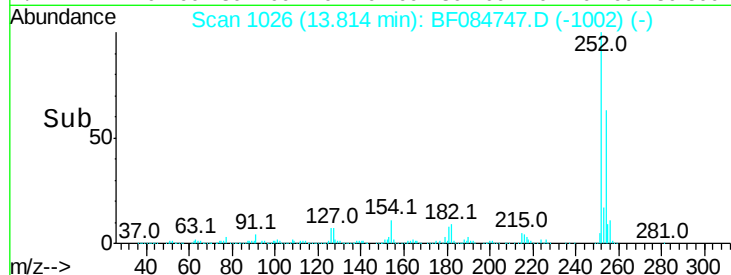
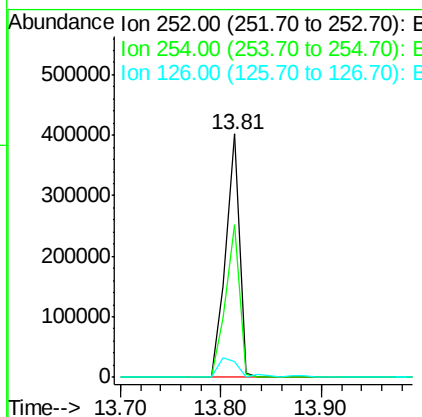
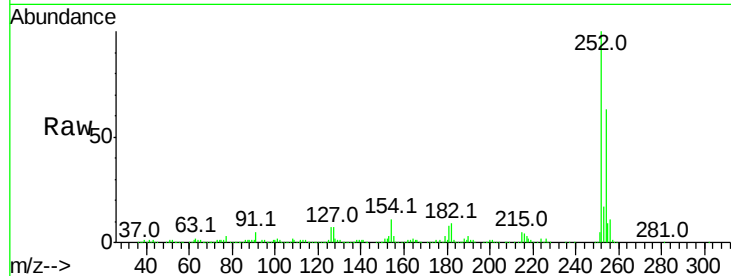
#81
 3,3'-Dichlorobenzidine
 Concen: 45.73 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	389010		
254	63.0		53.5	80.3
126	6.7		4.9	7.3

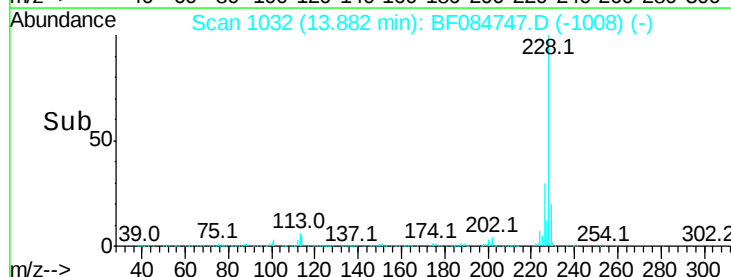
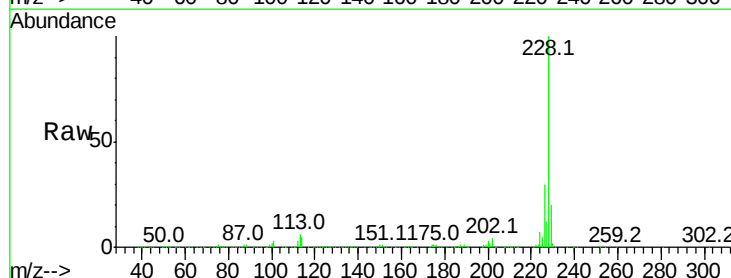
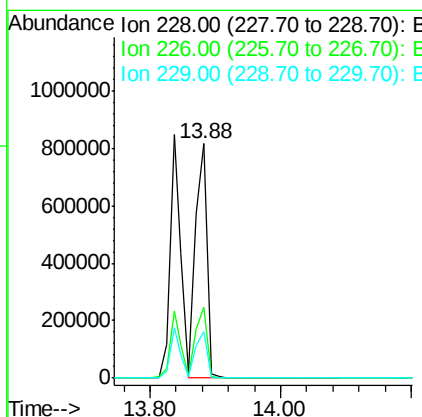
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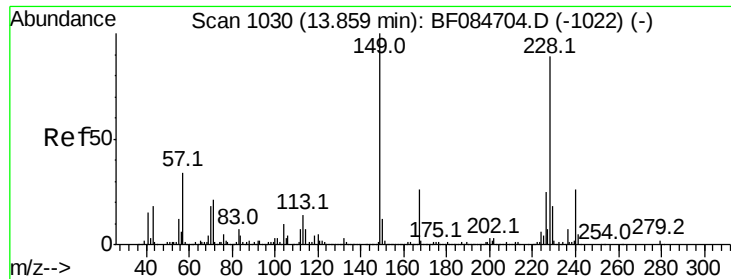
MMDadoda
 2/3/2016 6:25:32 PM



#82
 Chrysene
 Concen: 41.80 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	973926		
226	30.2		24.3	36.5
229	19.7		16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.26 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

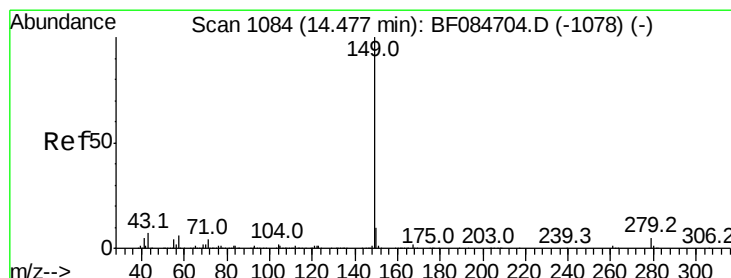
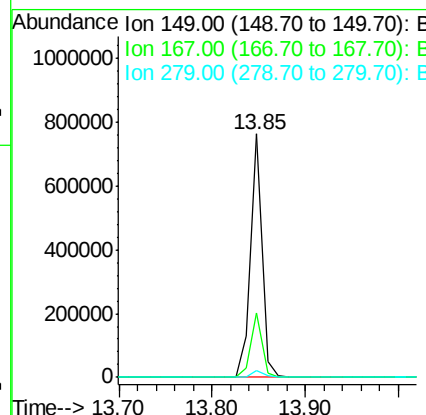
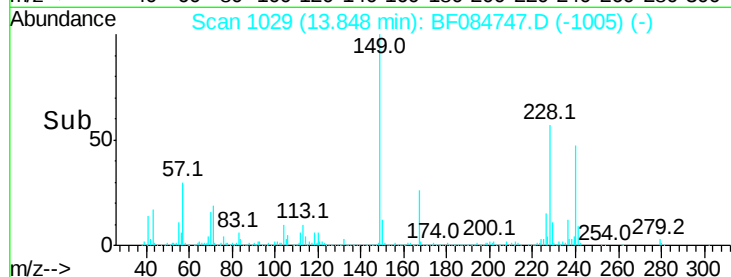
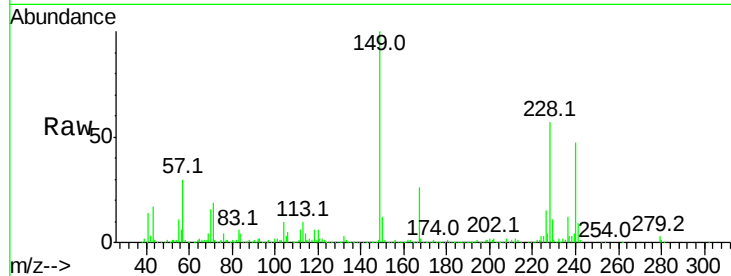
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	656856
Ion Ratio		Lower	Upper
149	100		
167	26.4	19.7	29.5
279	2.8	1.8	2.6#

Manual Integrations
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2/3/2016 6:25:32 PM



#84

Di-n-octyl phthalate

Concen: 37.00 ng

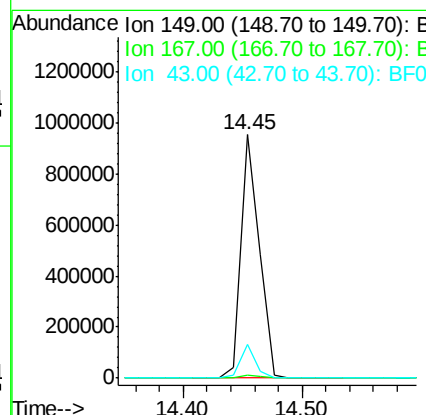
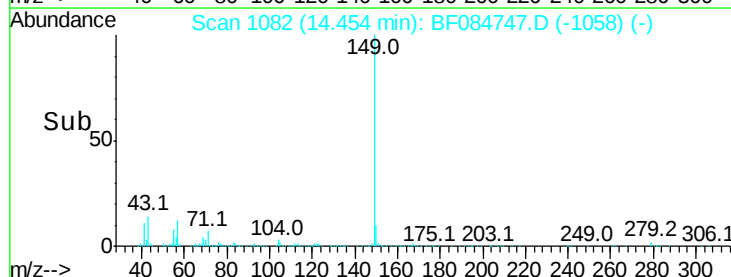
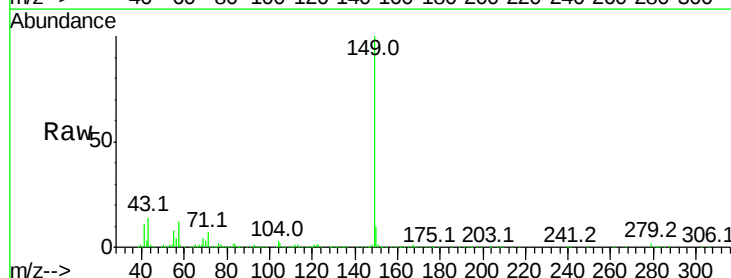
RT: 14.45 min Scan# 1082

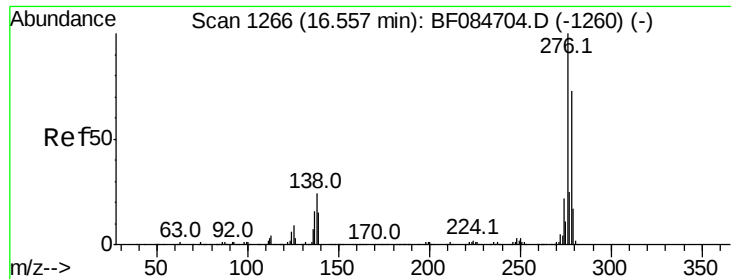
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:	149	Resp:	1021349
Ion Ratio		Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.3	5.6	8.4#





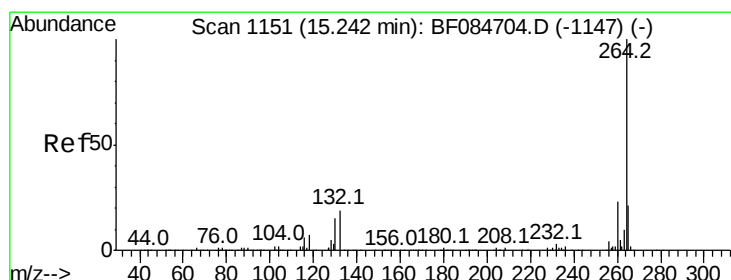
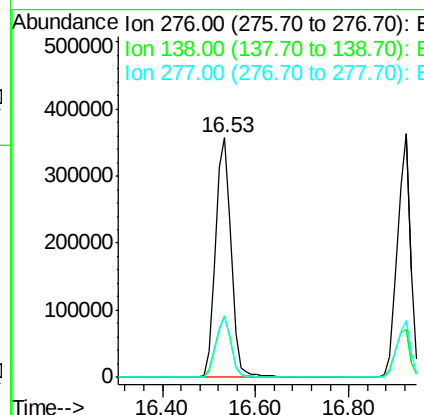
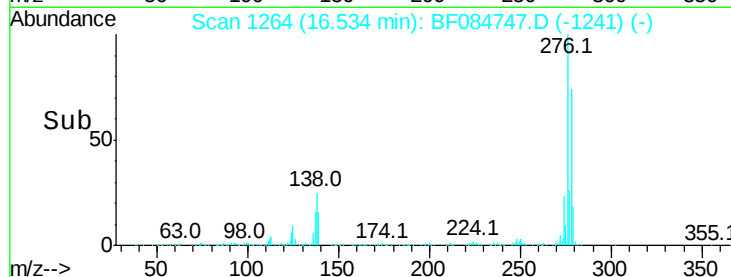
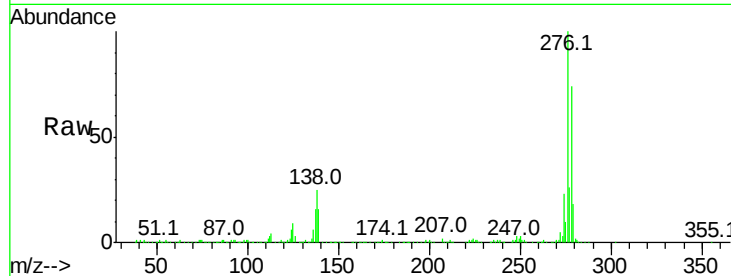
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.90 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.6	30.8
277	24.6	20.1	30.1

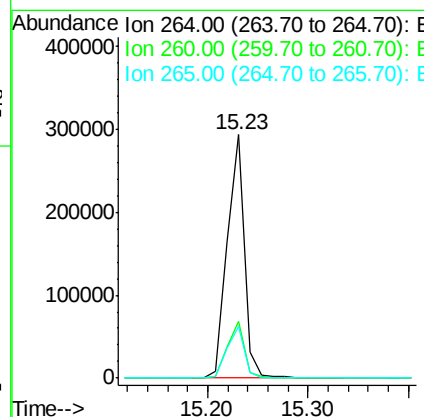
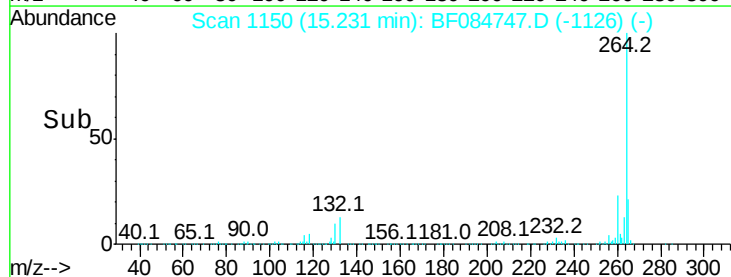
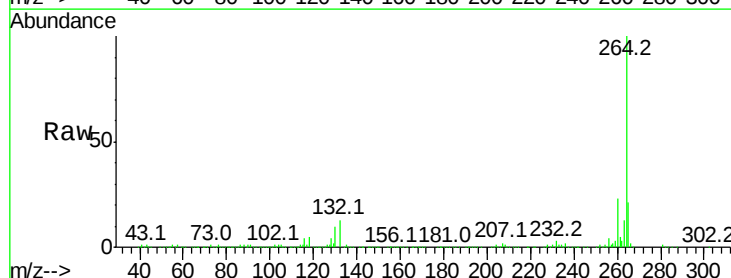
Manual Integrations
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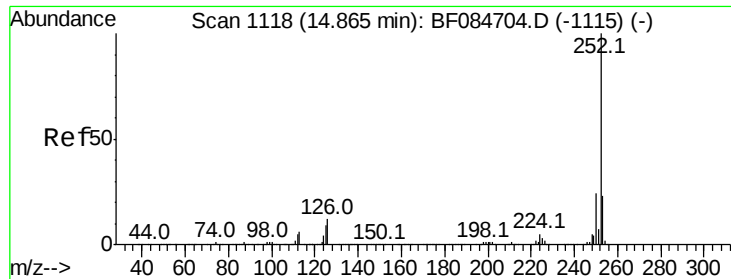
MMDadoda
 2/3/2016 6:25:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.2
265	21.3	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 42.27 ng m

RT: 14.84 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Instrument :

BNA_F

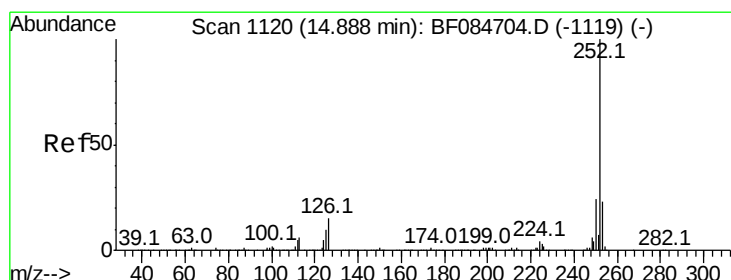
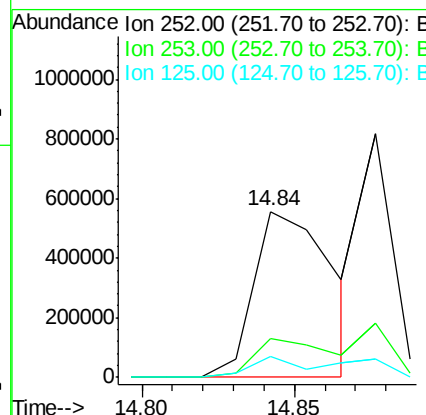
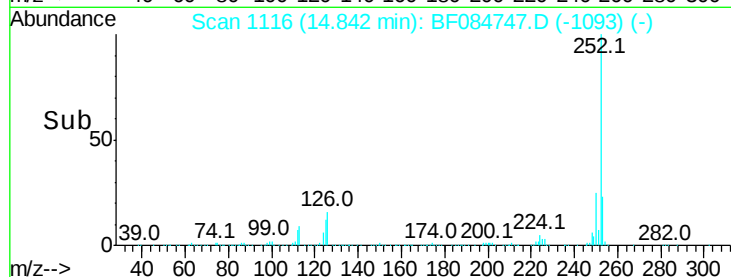
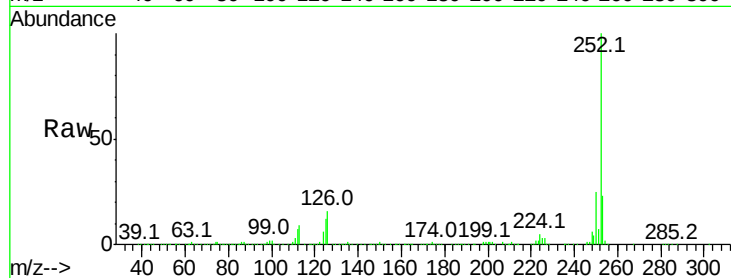
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp:	988254
Ion Ratio	Lower	Upper
252 100		
253 23.3	17.3	25.9
125 12.2	6.5	9.7#

Manual Integrations
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2/3/2016 6:25:32 PM



#88

Benzo(k)fluoranthene

Concen: 32.41 ng m

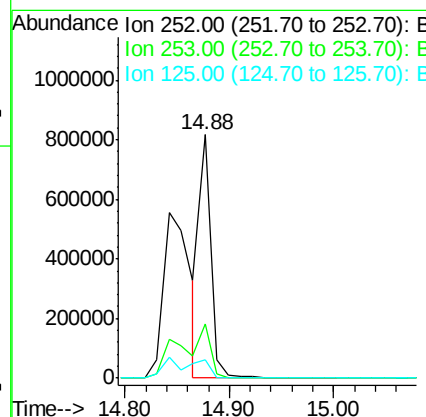
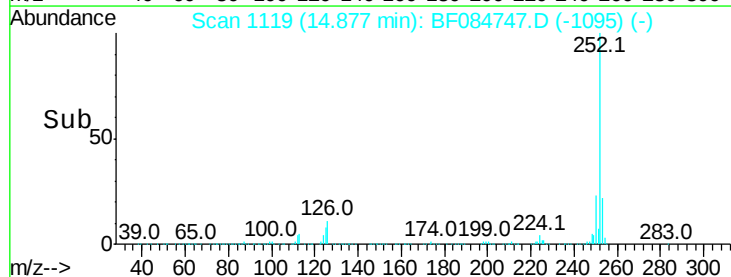
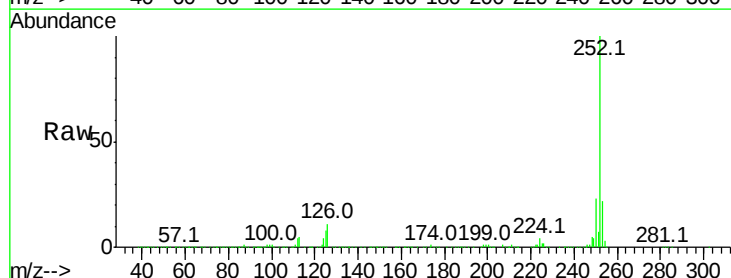
RT: 14.88 min Scan# 1119

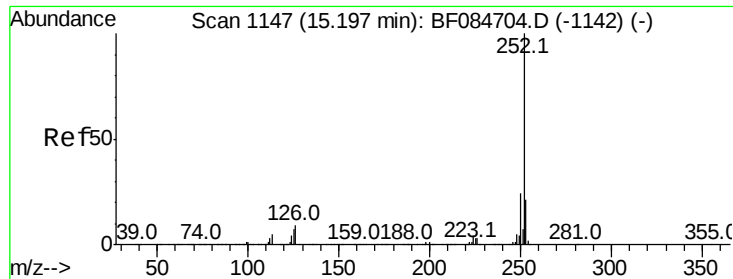
Delta R.T. -0.02 min

Lab File: BF084747.D

Acq: 2 Feb 2016 10:44

Tgt Ion:252	Resp:	626492
Ion Ratio	Lower	Upper
252 100		
253 22.2	18.1	27.1
125 7.8	9.0	13.6#





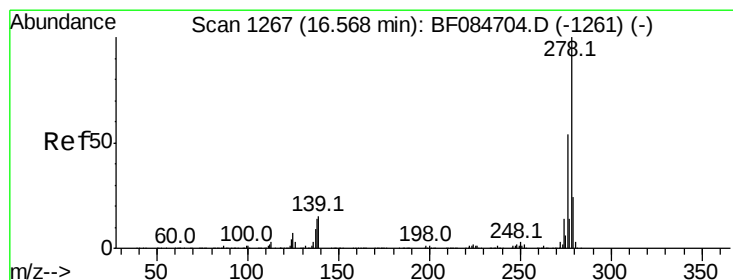
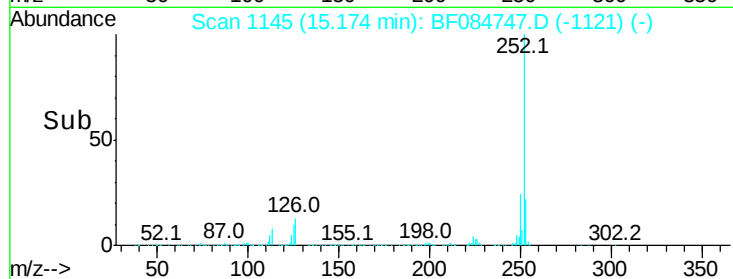
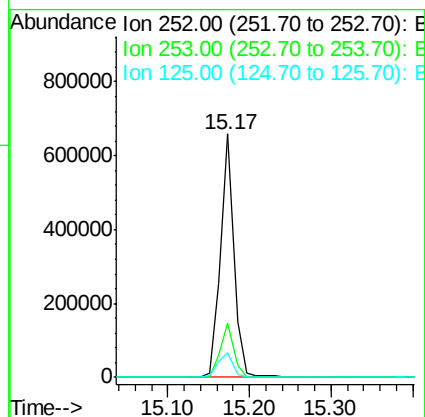
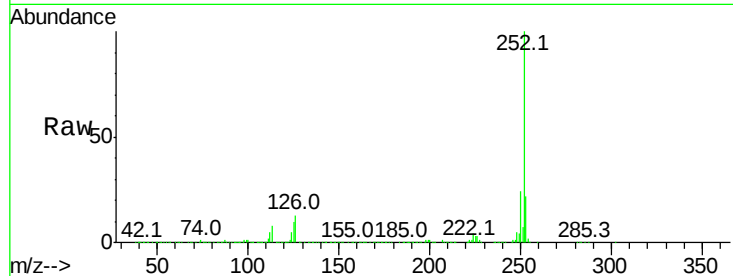
#89
Benzo(a)pyrene
Concen: 38.08 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	10.1	7.0	10.4

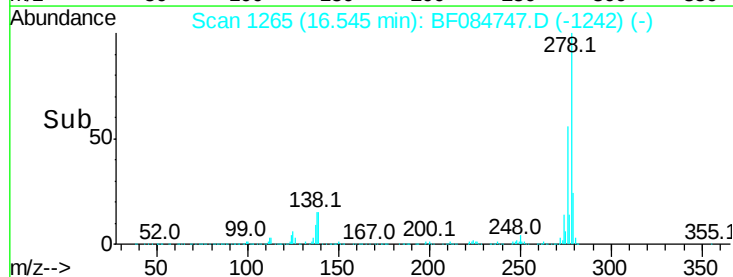
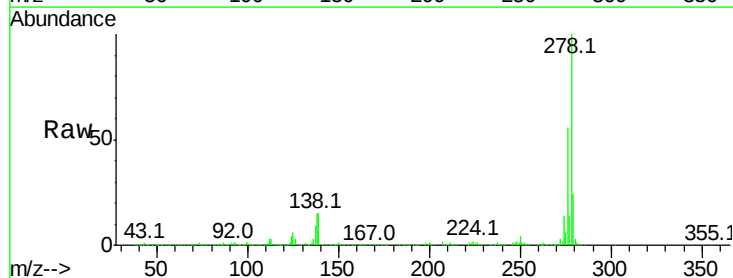
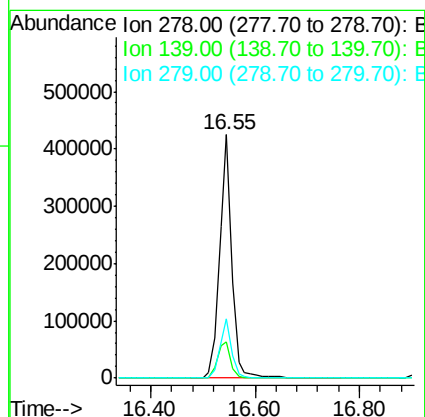
Manual Integrations
APPROVED

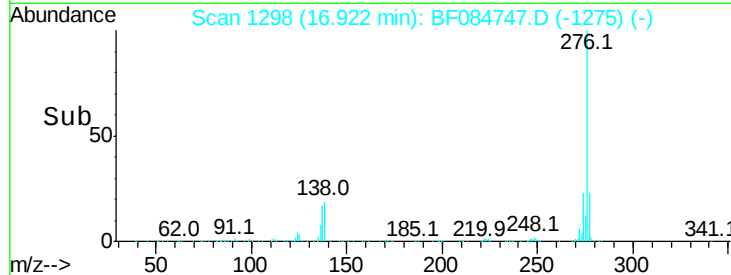
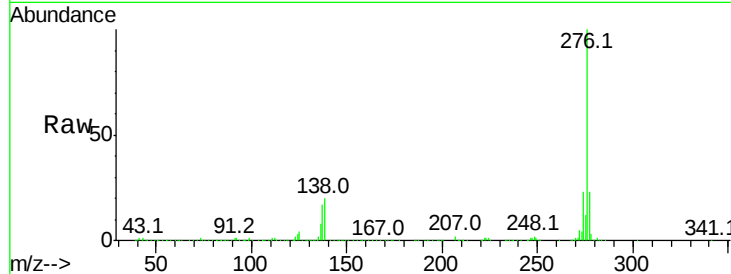
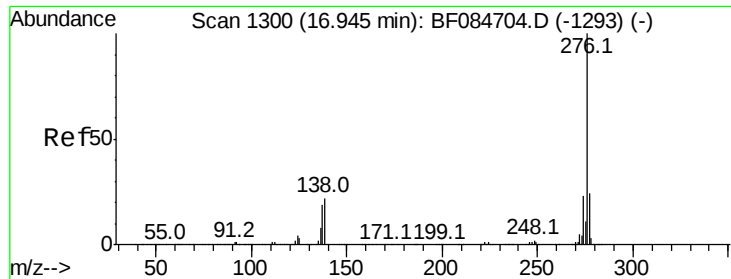
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#90
Dibenzo(a,h)anthracene
Concen: 41.06 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF084747.D
Acq: 2 Feb 2016 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.0	22.4
279	24.1	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 42.12 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BF084747.D
 Acq: 2 Feb 2016 10:44

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	19.5	17.8	26.6

Manual Integrations
 APPROVED

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