

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020216\
 Data File : BF084760.D
 Acq On : 2 Feb 2016 21:55
 Operator : SJ/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 2/3/2016 6:25:41 PM

Quant Time: Feb 03 02:45:28 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	6.69	152	166441	20.00	ng	-0.03
21) Naphthalene-d8	7.98	136	680246	20.00	ng	-0.03
38) Acenaphthene-d10	9.74	164	325786	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	613326	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	425701	20.00	ng	-0.02
86) Perylene-d12	15.22	264	344669	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	881876	82.53	ng	-0.02
7) Phenol-d6	6.35	99	1008016	76.09	ng	-0.02
23) Nitrobenzene-d5	7.28	82	1005882	83.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	283618	83.46	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	1711220	90.37	ng	-0.02
78) Terphenyl-d14	12.81	244	1641220	87.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	178733	38.19	ng	# 77
3) Pyridine	2.85	79	489554	40.14	ng	# 75
4) n-Nitrosodimethylamine	2.81	42	237964	37.73	ng	84
6) Aniline	6.36	93	652846	40.27	ng	# 66
8) 2-Chlorophenol	6.49	128	509562	42.13	ng	95
9) Benzaldehyde	6.25	77	307014	39.25	ng	89
10) Phenol	6.36	94	557567	37.57	ng	# 66
11) bis(2-Chloroethyl)ether	6.44	93	459203	39.68	ng	84
12) 1,3-Dichlorobenzene	6.64	146	490649	38.39	ng	# 94
13) 1,4-Dichlorobenzene	6.72	146	519391	40.66	ng	96
14) 1,2-Dichlorobenzene	6.88	146	455895	38.31	ng	94
15) Benzyl Alcohol	6.85	79	364581	39.86	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.99	45	768332	39.47	ng	87
17) 2-Methylphenol	6.98	107	391008	40.88	ng	# 92
18) Hexachloroethane	7.21	117	192437	39.12	ng	90
19) n-Nitroso-di-n-propylamine	7.13	70	326458	39.31	ng	# 75
20) 3+4-Methylphenols	7.13	107	459793	38.72	ng	# 73
22) Acetophenone	7.12	105	680293	37.94	ng	# 98
24) Nitrobenzene	7.29	77	458504	35.46	ng	94
25) Isophorone	7.54	82	931483	39.67	ng	# 93
26) 2-Nitrophenol	7.61	139	268366	42.08	ng	# 88
27) 2,4-Dimethylphenol	7.65	122	406190	36.62	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	528008	37.90	ng	99
29) 2,4-Dichlorophenol	7.86	162	378843	39.91	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	408566	38.11	ng	95
31) Naphthalene	8.01	128	1232803	36.13	ng	99
32) Benzoic acid	7.80	122	312511	44.04	ng	99
33) 4-Chloroaniline	8.06	127	528344	37.44	ng	99
34) Hexachlorobutadiene	8.13	225	256120	41.43	ng	99
35) Caprolactam	8.45	113	132682	45.35	ng	92
36) 4-Chloro-3-methylphenol	8.56	107	407914	37.67	ng	92
37) 2-Methylnaphthalene	8.70	142	896704	41.99	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	371900	35.94	ng	99
40) Hexachlorocyclopentadiene	8.85	237	170698	45.60	ng	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SSTDC040EC

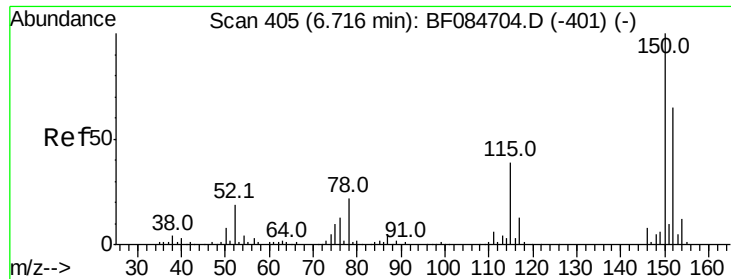
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	262044	39.31	nq	93
43) 2,4,5-Trichlorophenol	9.02	196	263890	38.96	nq	# 86
45) 1,1'-Biphenyl	9.17	154	1119931	38.49	nq	93
46) 2-Chloronaphthalene	9.18	162	777805	36.30	nq	97
47) 2-Nitroaniline	9.29	65	244178	35.99	nq	97
48) Acenaphthylene	9.60	152	1246808	38.34	nq	97
49) Dimethylphthalate	9.48	163	1024576	41.29	nq	# 91
50) 2,6-Dinitrotoluene	9.54	165	240573	44.38	nq	91
51) Acenaphthene	9.78	154	805601	38.08	nq	98
52) 3-Nitroaniline	9.70	138	220881	36.26	nq	97
53) 2,4-Dinitrophenol	9.81	184	103726	44.25	nq	86
54) Dibenzofuran	9.95	168	997782	38.59	nq	95
55) 4-Nitrophenol	9.88	139	173455	38.75	nq	84
56) 2,4-Dinitrotoluene	9.94	165	303326	43.87	nq	95
57) Fluorene	10.28	166	807940	37.42	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	202495	39.27	nq	92
59) Diethylphthalate	10.17	149	939028	38.76	nq	99
60) 4-Chlorophenyl-phenylether	10.28	204	398005	43.66	nq	94
61) 4-Nitroaniline	10.32	138	240943	40.59	nq	92
62) Azobenzene	10.44	77	988197	42.42	nq	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	156540	41.35	nq	70
65) n-Nitrosodiphenylamine	10.41	169	801787	41.17	nq	98
66) 4-Bromophenyl-phenylether	10.77	248	286119	42.24	nq	99
67) Hexachlorobenzene	10.83	284	275318	37.30	nq	# 89
68) Atrazine	10.93	200	218983	35.61	nq	97
69) Pentachlorophenol	11.02	266	136075	39.23	nq	98
70) Phenanthrene	11.24	178	1270017	37.33	nq	98
71) Anthracene	11.30	178	1339269	39.07	nq	99
72) Carbazole	11.46	167	1130050	37.81	nq	97
73) Di-n-butylphthalate	11.79	149	1426810	37.50	nq	# 97
74) Fluoranthene	12.43	202	1333562	38.73	nq	93
76) Benzidine	12.56	184	644687	43.56	nq	99
77) Pyrene	12.65	202	1227471	37.66	nq	99
79) Butylbenzylphthalate	13.29	149	587793	39.75	nq	# 79
80) Benzo(a)anthracene	13.84	228	1003882	37.99	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	383400	40.98	nq	# 93
82) Chrysene	13.87	228	952581	37.18	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	759183	41.26	nq	# 95
84) Di-n-octyl phthalate	14.45	149	1183814	39.00	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.52	276	816524	40.49	nq	99
87) Benzo(b)fluoranthene	14.84	252	777452m	33.57	nq	
88) Benzo(k)fluoranthene	14.88	252	846041m	44.18	nq	
89) Benzo(a)pyrene	15.17	252	767437	38.89	nq	99
90) Dibenzo(a,h)anthracene	16.53	278	676408	40.72	nq	98
91) Benzo(g,h,i)perylene	16.91	276	705368	42.16	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

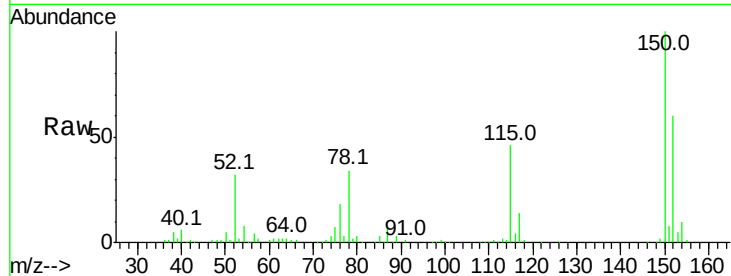
ClientSampleId :

SSTDCCC040EC

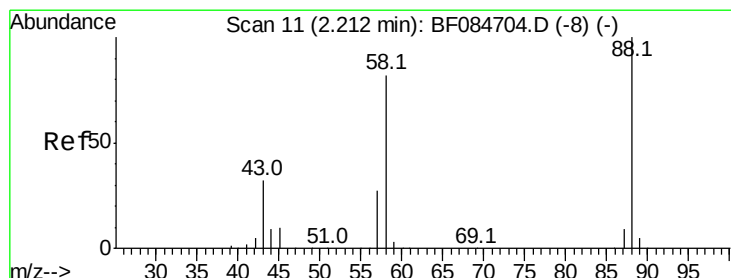
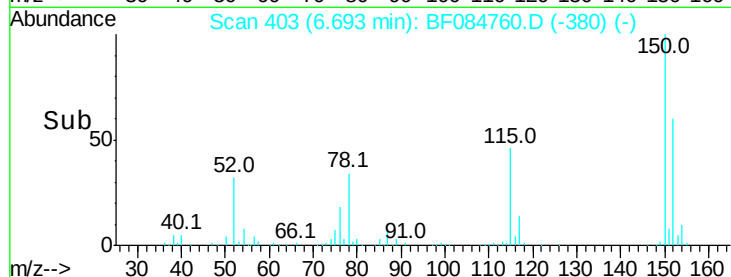
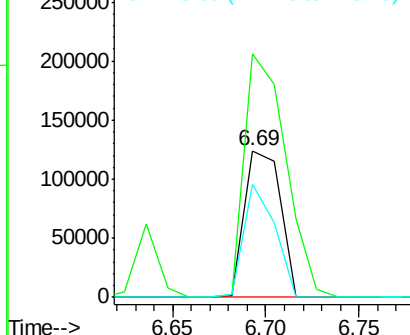
Tot Ion:	152	Resp:	166441
Ion Ratio	Lower	Upper	
152	100		
150	165.8	123.0	184.4
115	76.8	51.4	77.2

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



#2

1,4-Dioxane

Concen: 38.19 ng

RT: 2.18 min Scan# 8

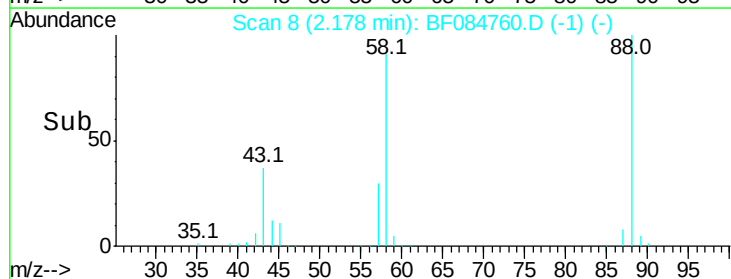
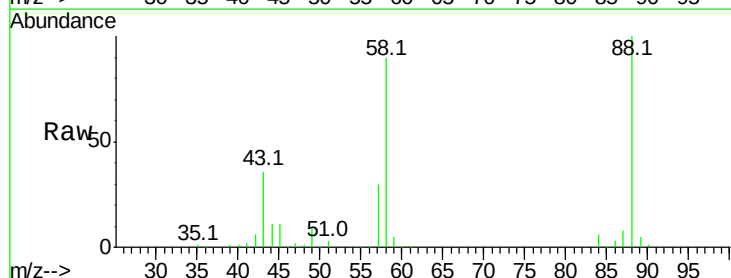
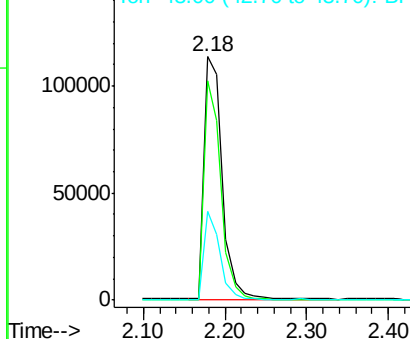
Delta R.T. -0.05 min

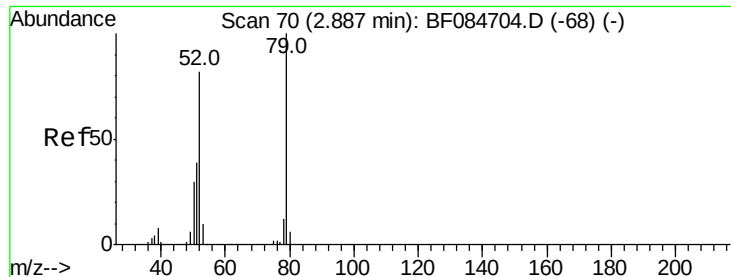
Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	88	Resp:	178733
Ion Ratio	Lower	Upper	
88	100		
58	84.2	51.2	76.8#
43	33.1	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: 40.14 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.06 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

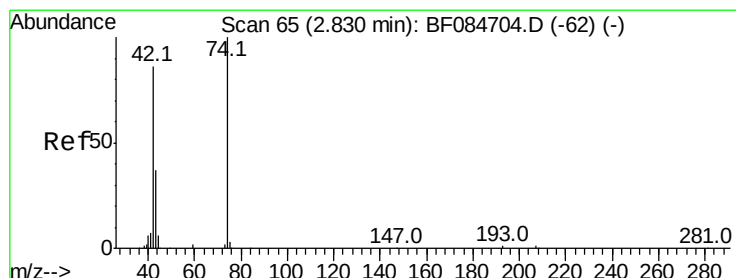
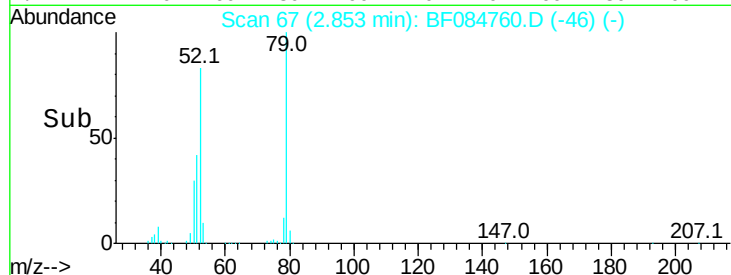
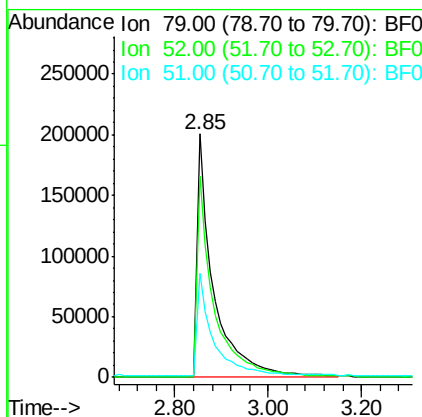
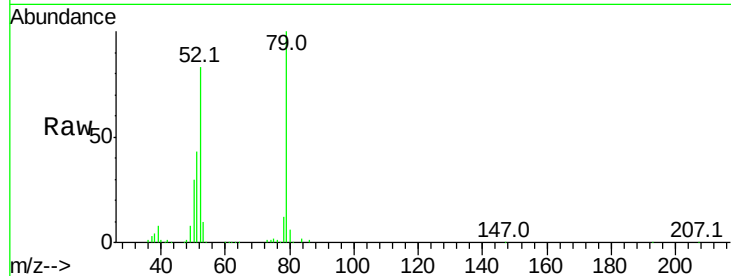
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	489554
Ion Ratio	Lower	Upper	
79	100		
52	82.7	49.0	73.4#
51	42.5	25.2	37.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.73 ng

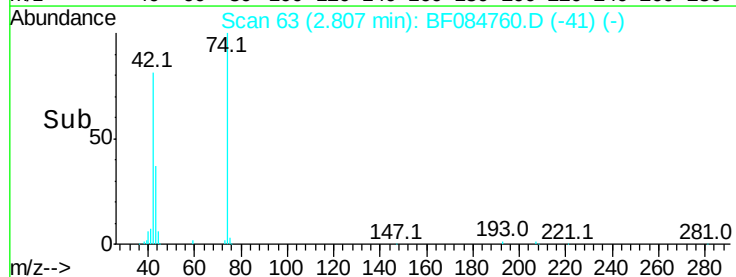
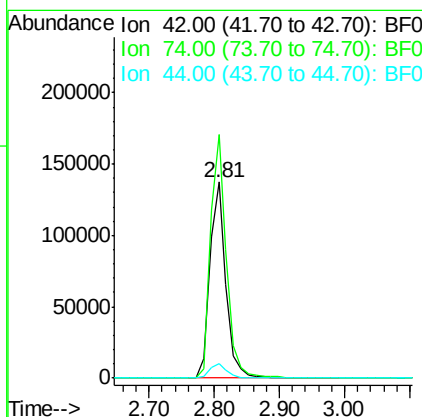
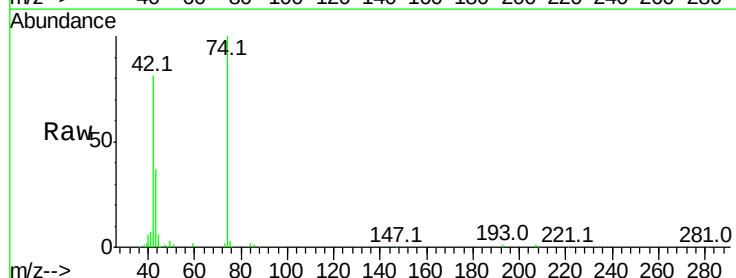
RT: 2.81 min Scan# 63

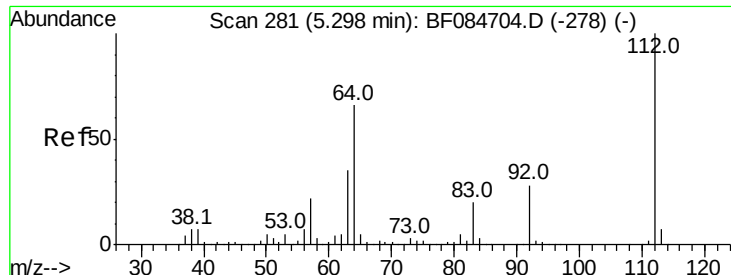
Delta R.T. -0.05 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	42	Resp:	237964
Ion Ratio	Lower	Upper	
42	100		
74	124.1	115.7	173.5
44	7.4	5.1	7.7





#5

2-Fluorophenol

Concen: 82.53 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

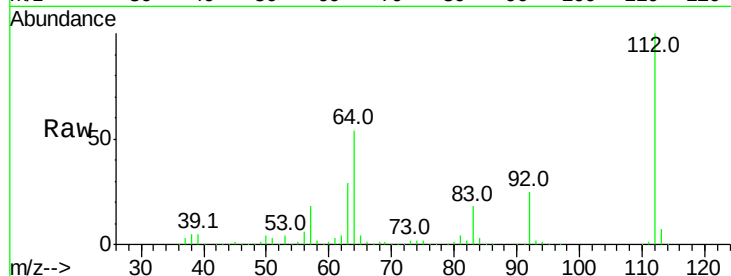
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	881876
Ion Ratio	Lower	Upper	
112	100		
64	54.5	36.6	55.0
63	28.8	19.4	29.0

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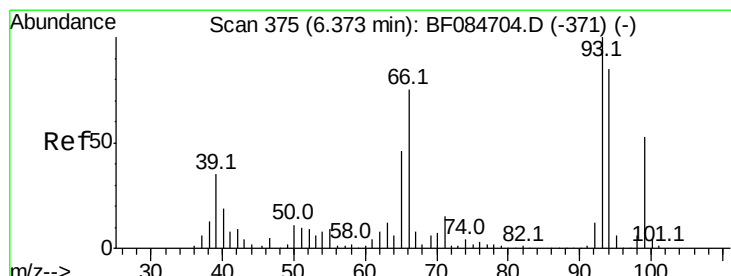
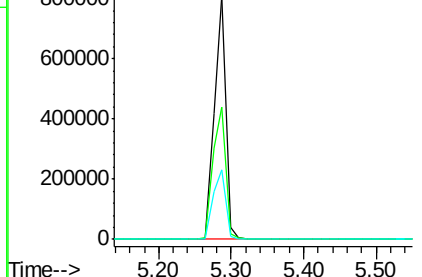
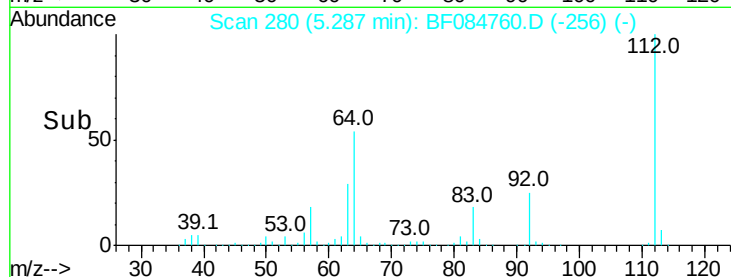
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.27 ng

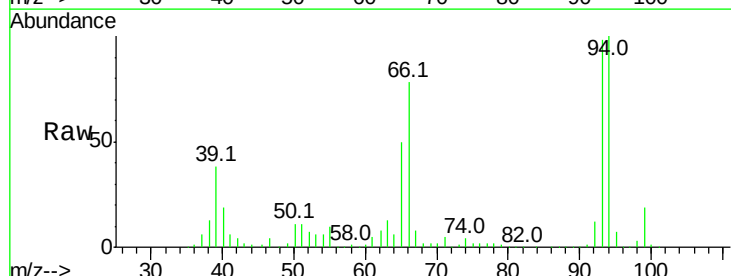
RT: 6.36 min Scan# 374

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

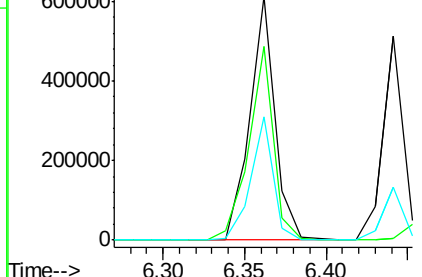
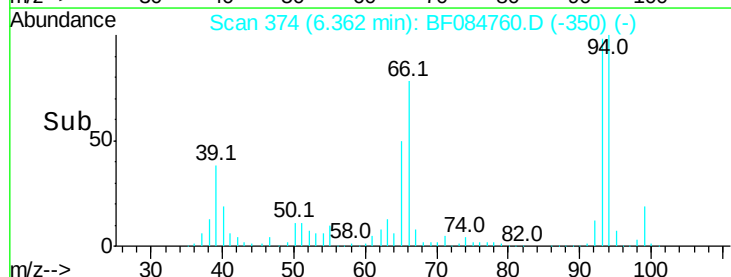
Tgt Ion:	93	Resp:	652846
Ion Ratio	Lower	Upper	
93	100		
66	79.5	44.9	67.3#
65	50.7	23.7	35.5#

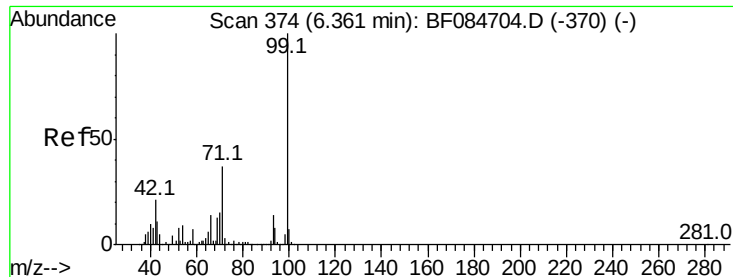


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.09 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 99 Resp: 1008016

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

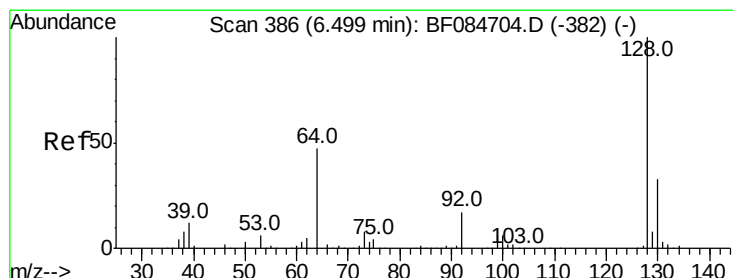
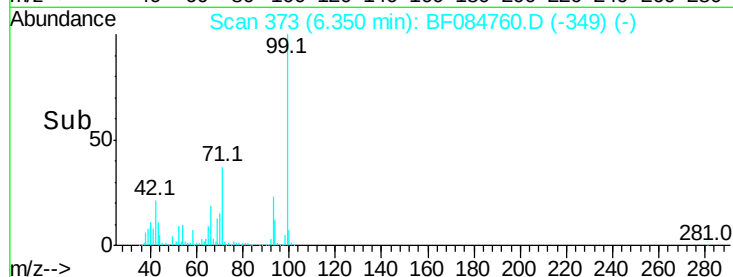
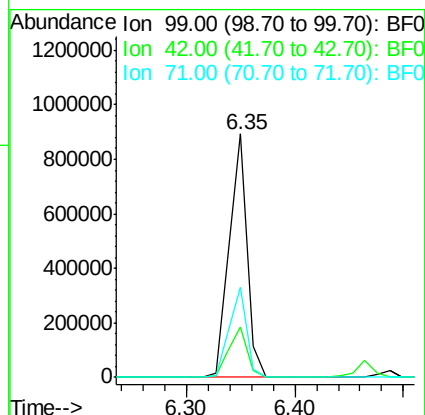
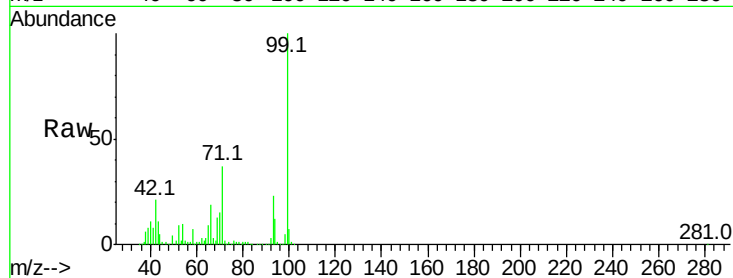
71 36.9 30.9 46.3

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#8

2-Chlorophenol

Concen: 42.13 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

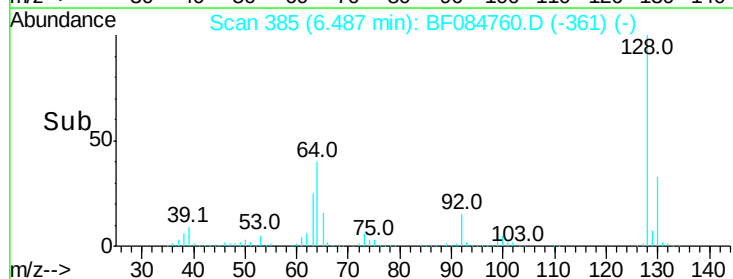
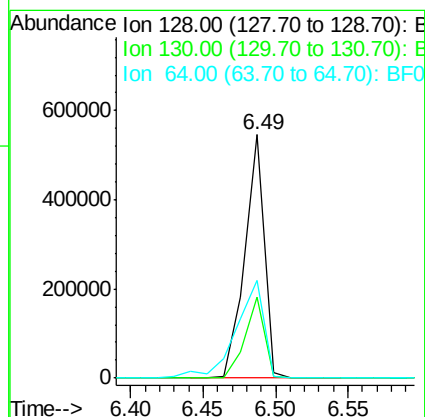
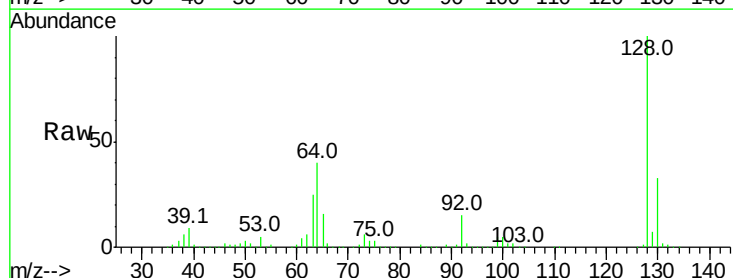
Tgt Ion: 128 Resp: 509562

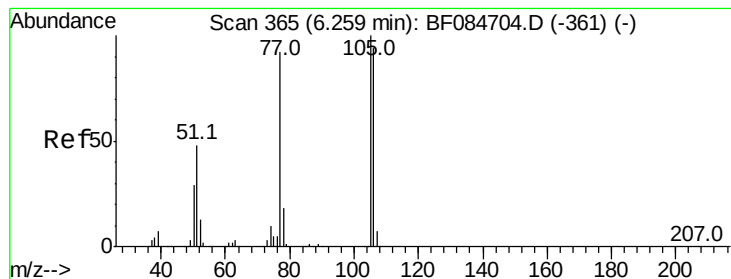
Ion Ratio Lower Upper

128 100

130 33.4 11.6 51.6

64 40.0 23.8 63.8





#9

Benzaldehyde

Concen: 39.25 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

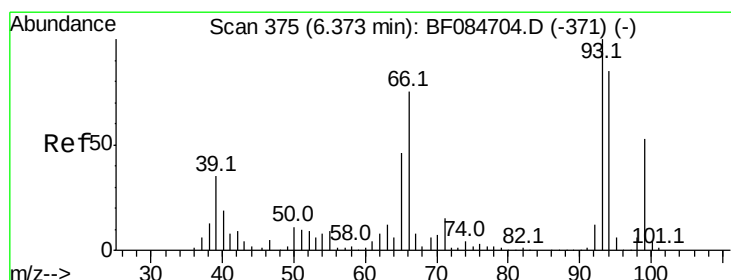
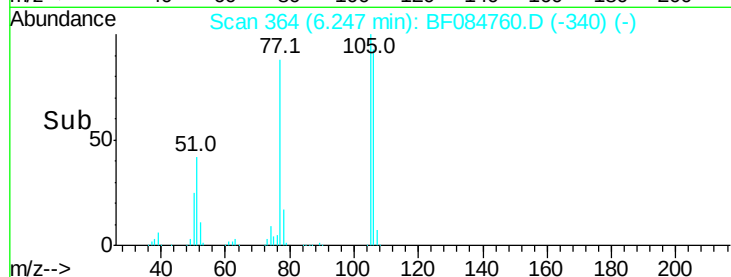
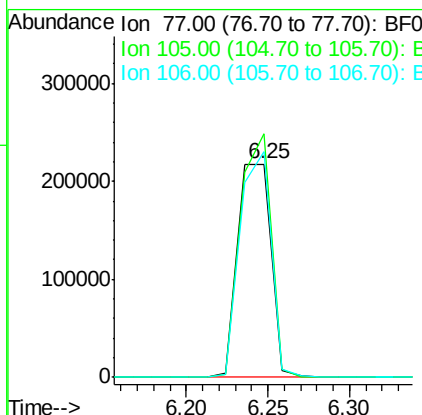
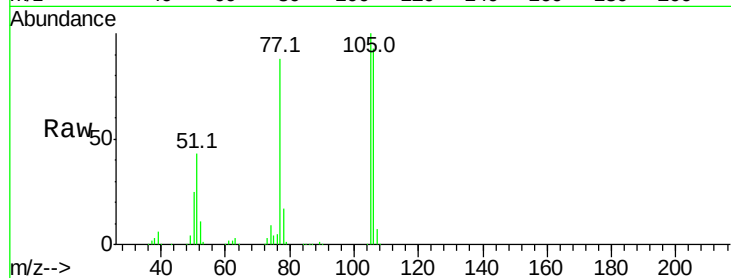
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	114.3	83.0	123.0
106	105.7	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 37.57 ng

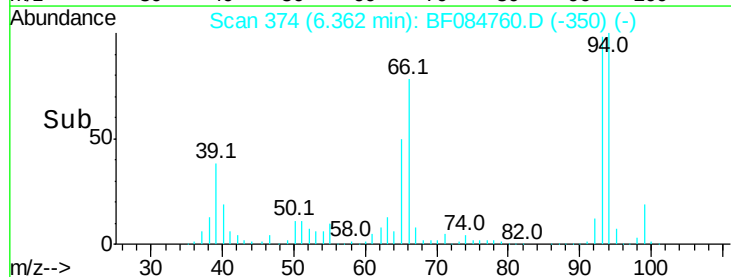
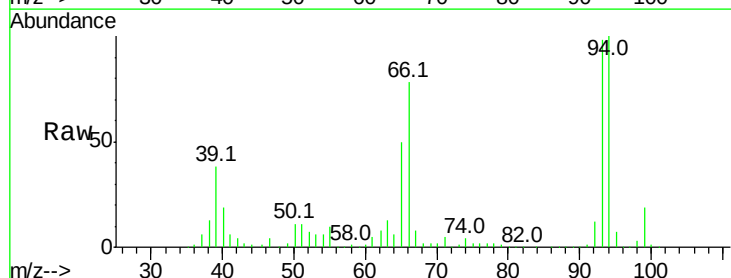
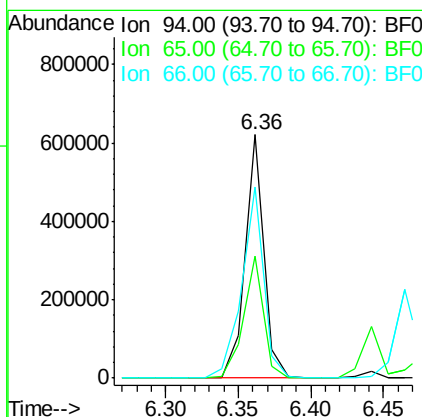
RT: 6.36 min Scan# 374

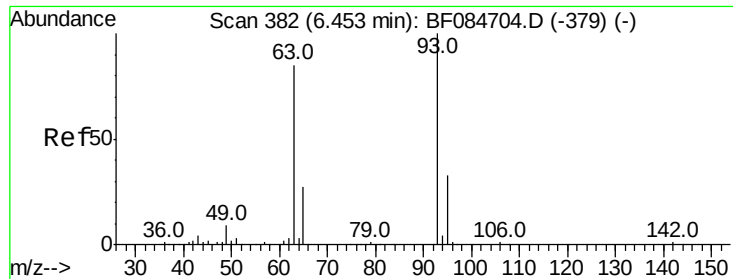
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
94	100		
65	49.9	12.9	52.9
66	78.3	32.7	72.7





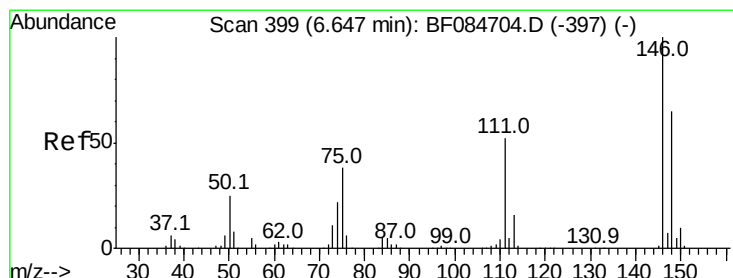
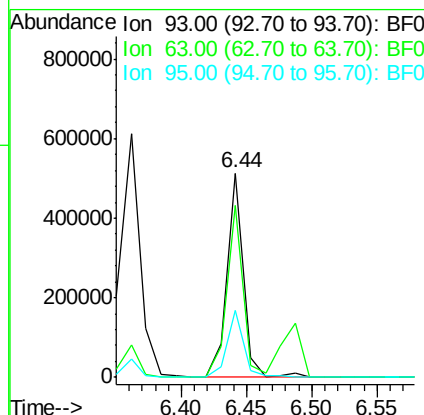
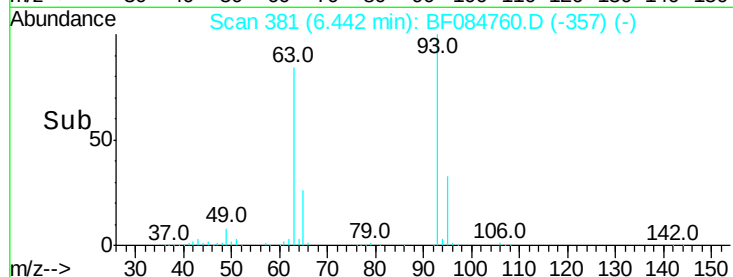
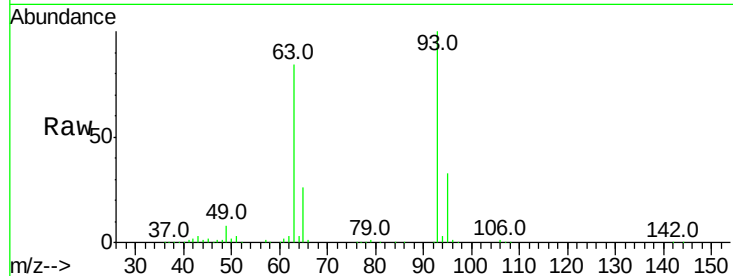
#11
bis(2-Chloroethyl)ether
Concen: 39.68 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	459203
Ion Ratio	Lower	Upper	
93	100		
63	83.9	45.9	85.9
95	33.1	12.3	52.3

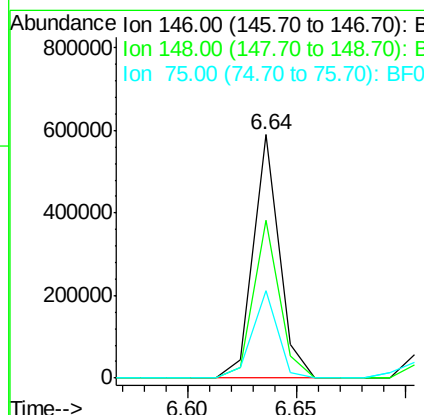
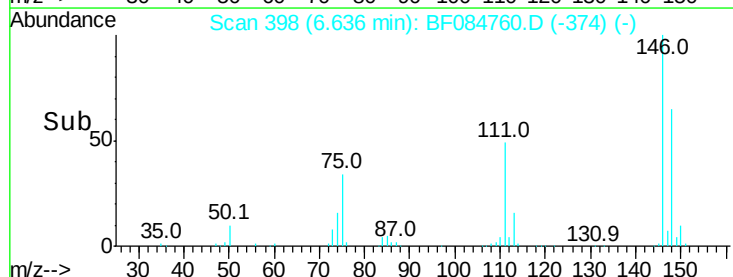
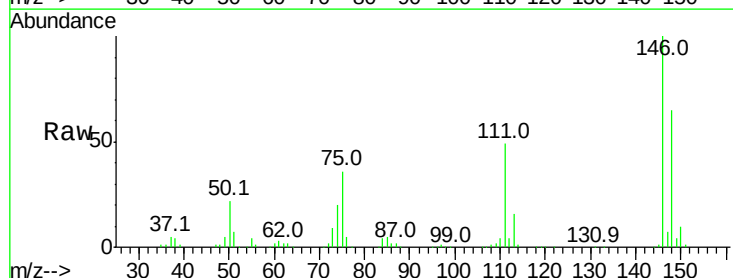
Manual Integrations
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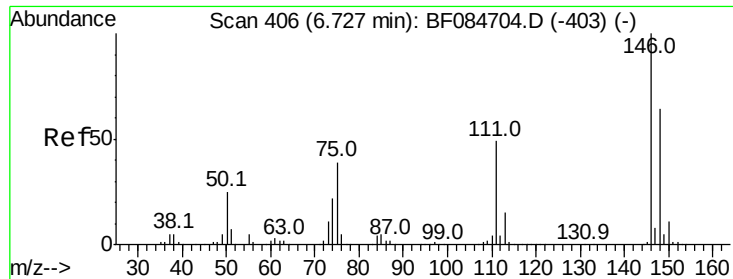
MMDadoda
2/3/2016 6:25:41 PM



#12
1,3-Dichlorobenzene
Concen: 38.39 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion:	146	Resp:	490649
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
75	35.7	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 40.66 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

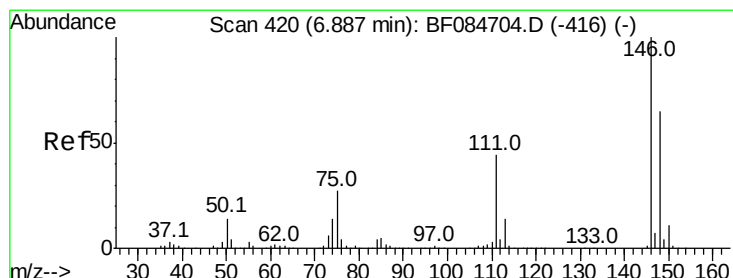
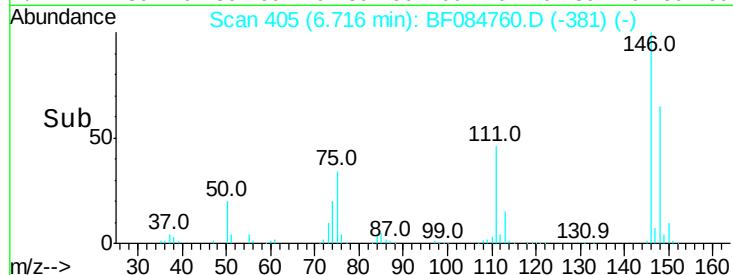
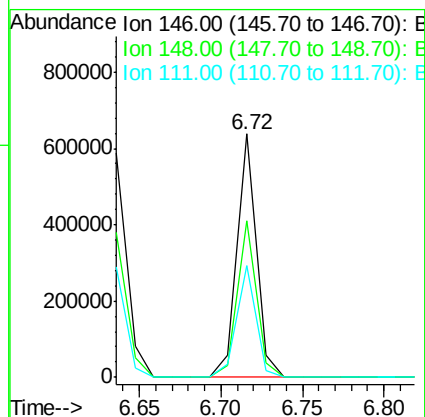
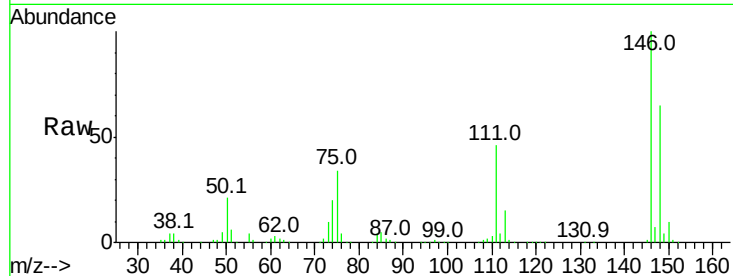
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	519391
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.9	77.9
111	46.1	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 38.31 ng

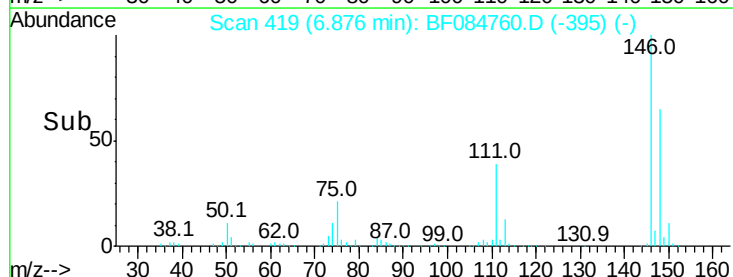
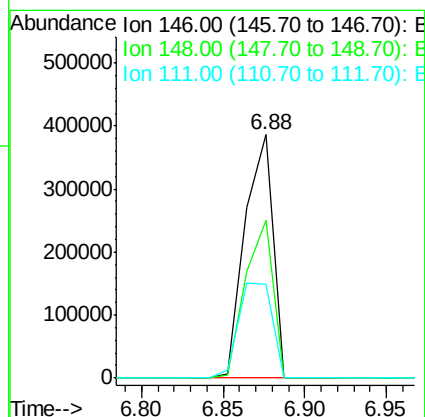
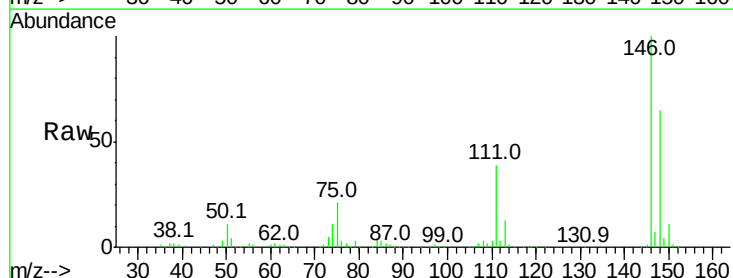
RT: 6.88 min Scan# 419

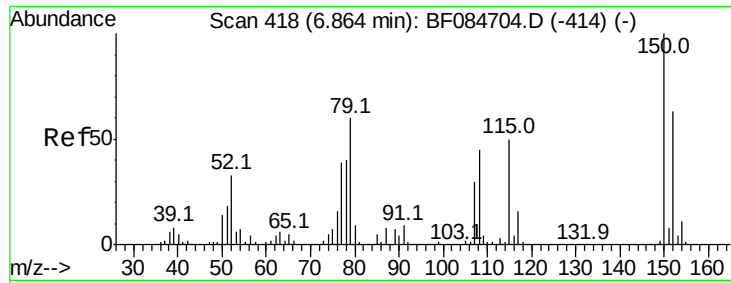
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	146	Resp:	455895
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.6	77.4
111	38.6	38.0	57.0





#15

Benzyl Alcohol

Concen: 39.86 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

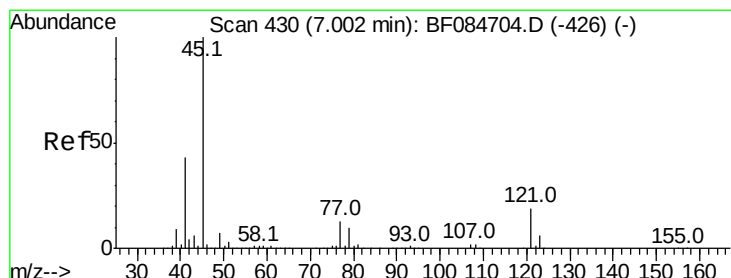
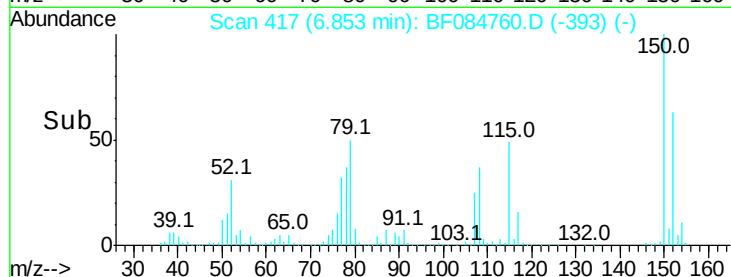
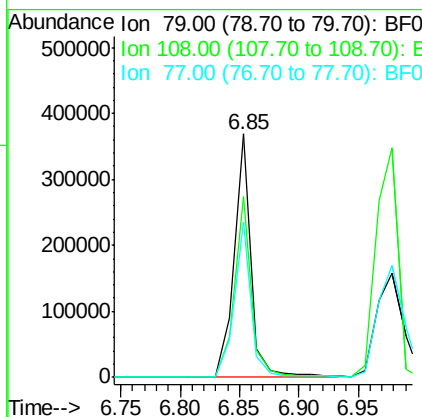
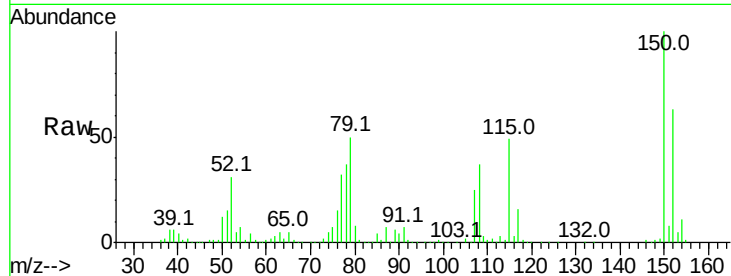
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	364581
Ion Ratio	Lower	Upper	
79	100		
108	74.5	69.0	103.4
77	63.7	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.47 ng

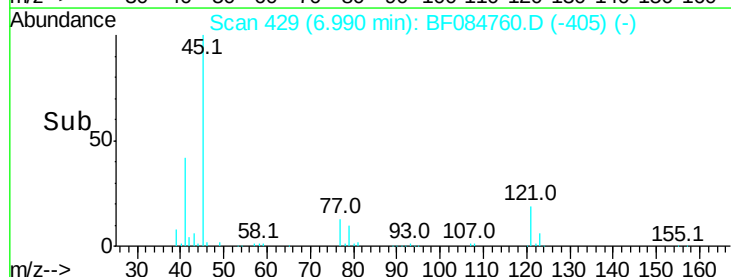
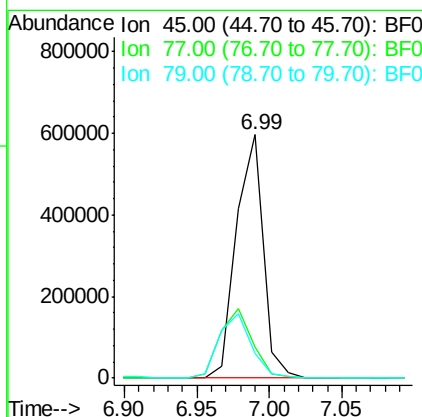
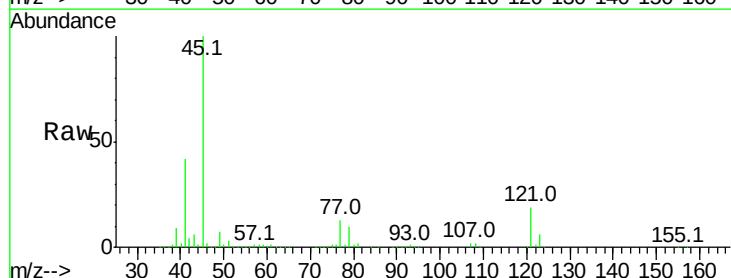
RT: 6.99 min Scan# 429

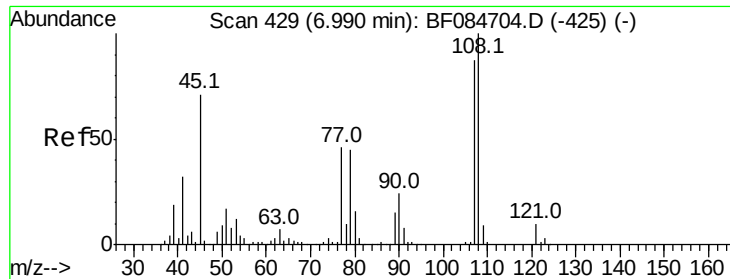
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	45	Resp:	768332
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	39.6
79	10.4	0.0	35.0





#17

2-Methylphenol

Concen: 40.88 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:107 Resp: 391008

Ion Ratio Lower Upper

107 100

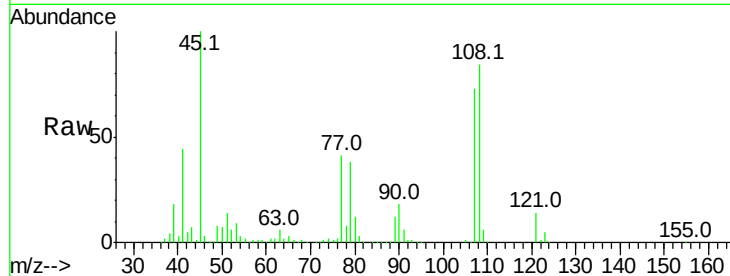
108 115.5 89.8 134.6

77 56.5 35.7 53.5

79 52.3 35.7 53.5

Manual Integrations
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Abundance

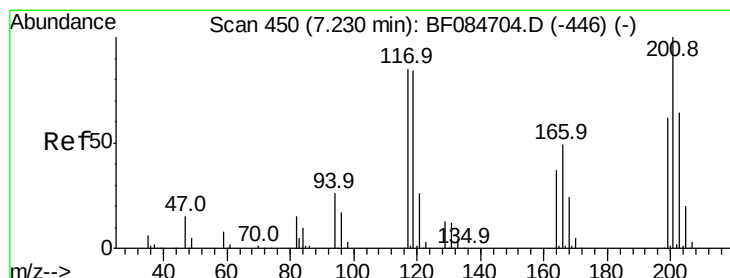
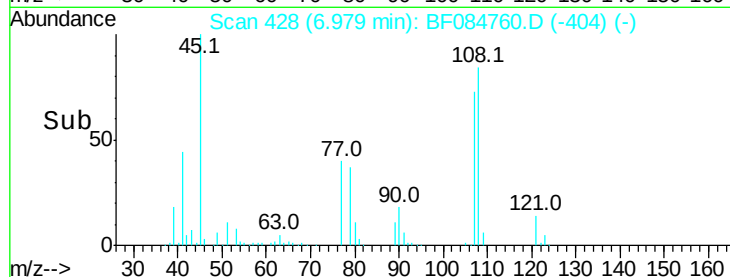
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->



#18

Hexachloroethane

Concen: 39.12 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

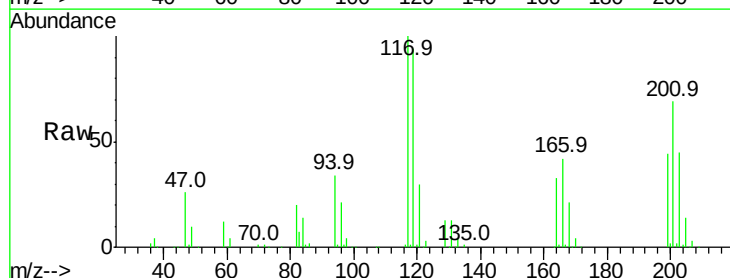
Tgt Ion:117 Resp: 192437

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.0

201 69.0 68.6 103.0



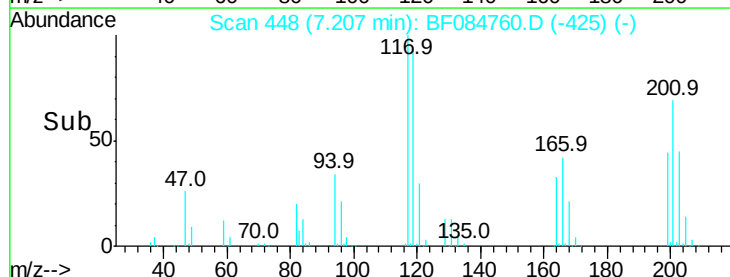
Abundance

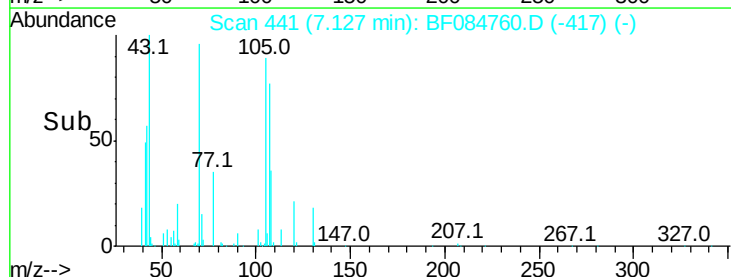
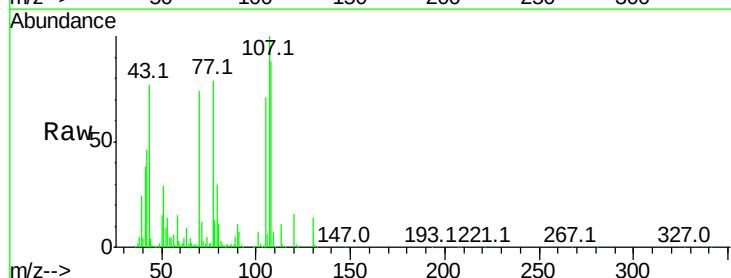
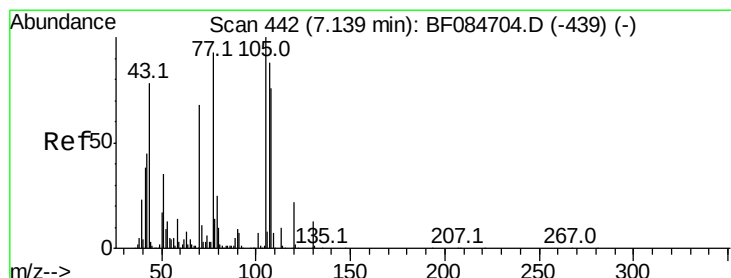
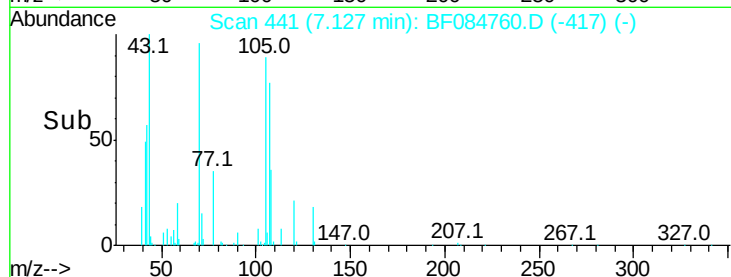
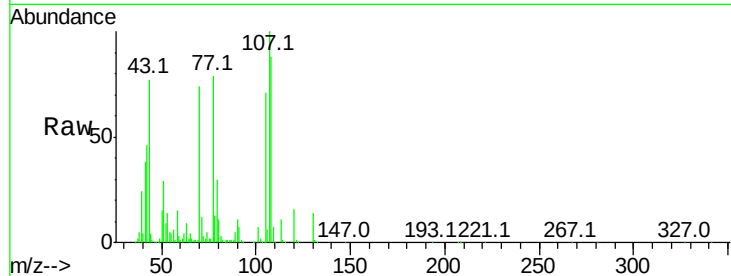
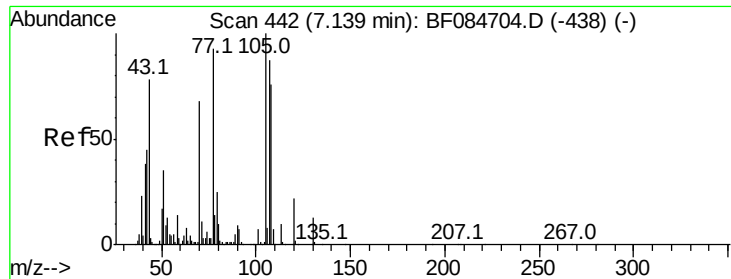
Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->





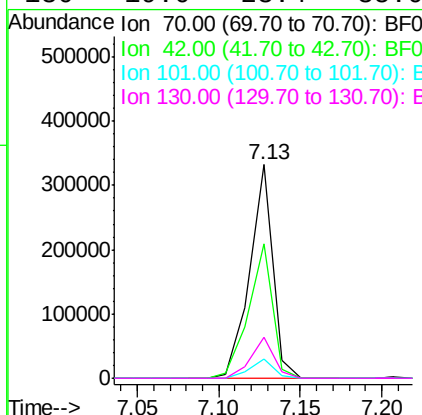
#19
n-Nitroso-di-n-propylamine
Concen: 39.31 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.7	33.3	49.9#
101	9.2	9.3	13.9#
130	19.0	23.4	35.0#

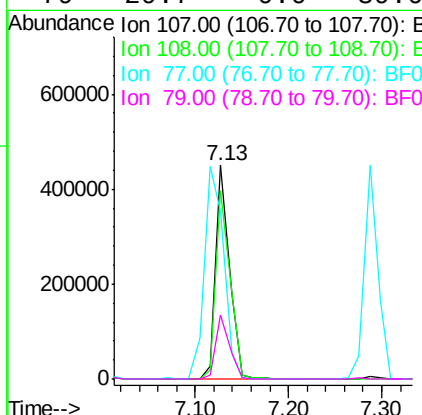
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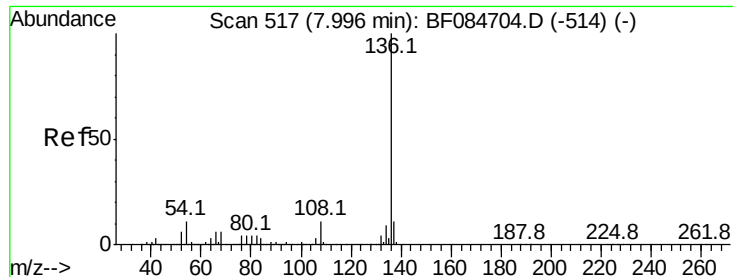
MMDadoda
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#20
3+4-Methylphenols
Concen: 38.72 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	74.6	114.6
77	78.8	0.7	40.7#
79	29.7	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: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

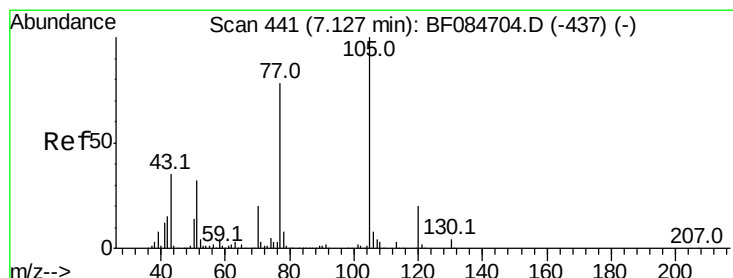
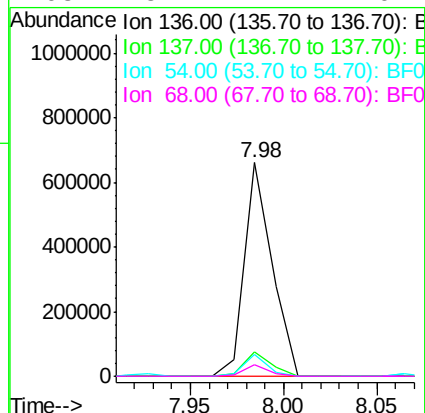
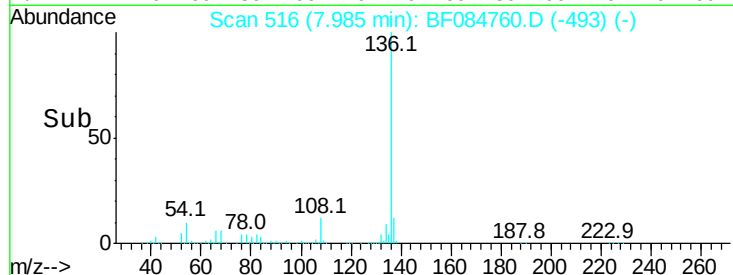
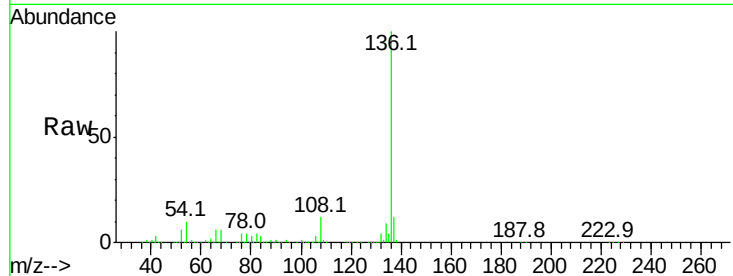
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	680246		
137	11.5	8.7	13.1	
54	10.4	5.8	8.8	
68	5.7	4.2	6.2	

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#22

Acetophenone

Concen: 37.94 ng

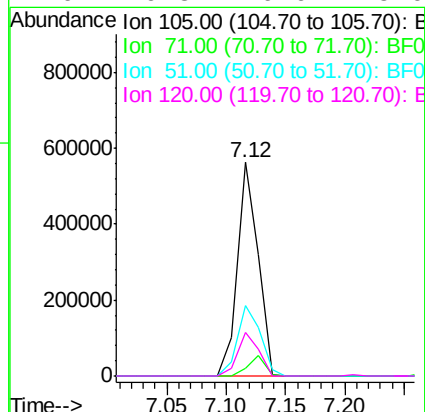
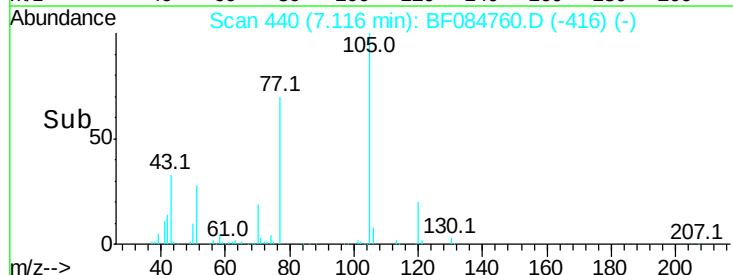
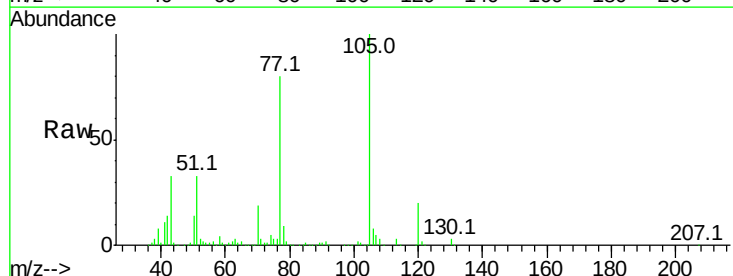
RT: 7.12 min Scan# 440

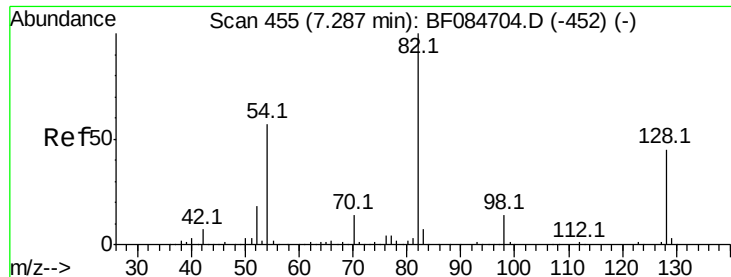
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	680293		
71	3.4	3.7	5.5	
51	33.2	25.1	37.7	
120	20.3	16.6	25.0	





#23

Nitrobenzene-d5

Concen: 83.30 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1005882

Ion Ratio Lower Upper

82 100

128 46.6 34.6 51.8

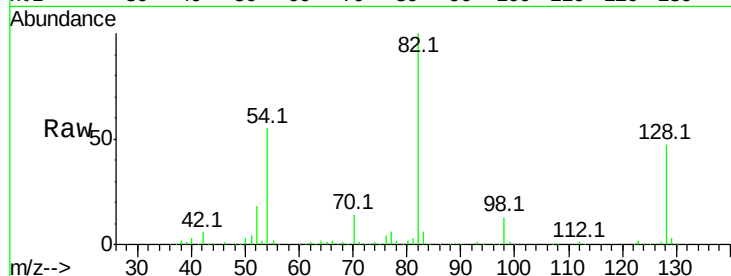
54 54.7 38.4 57.6

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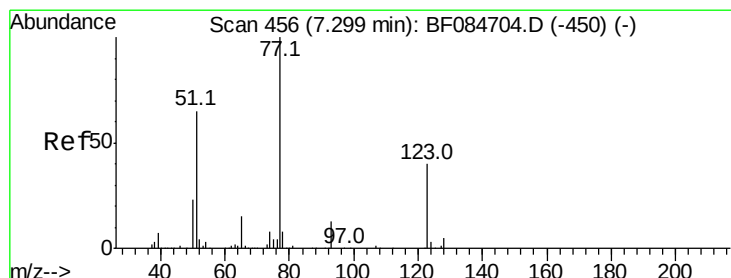
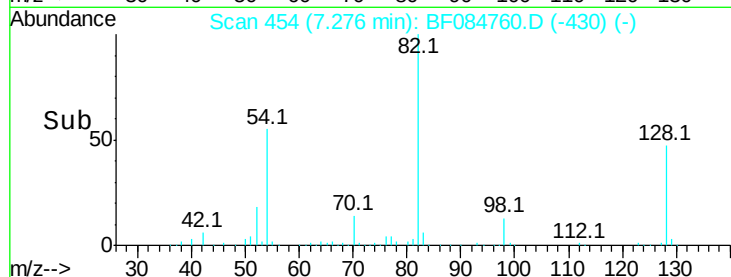
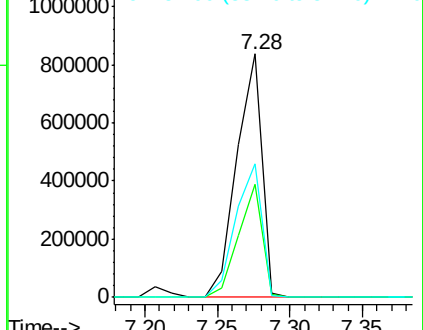
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 35.46 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

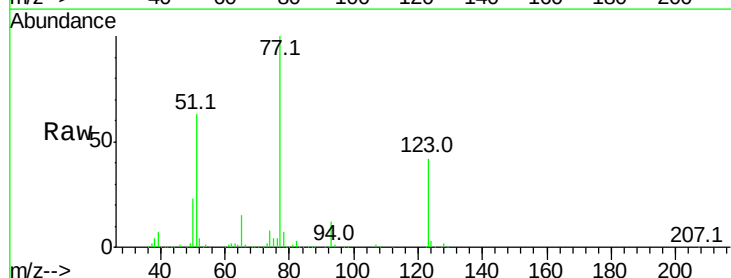
Tgt Ion: 77 Resp: 458504

Ion Ratio Lower Upper

77 100

123 42.1 37.4 56.2

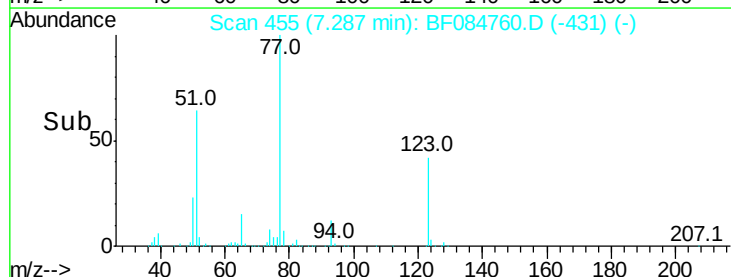
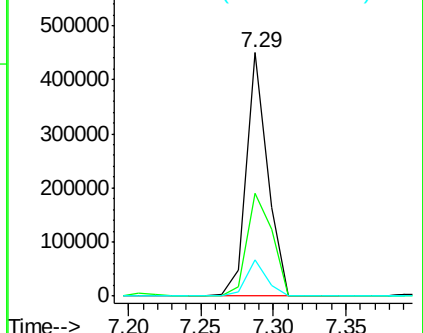
65 14.9 10.9 16.3

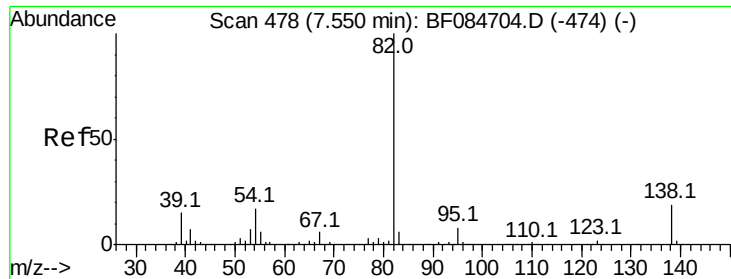


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.67 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

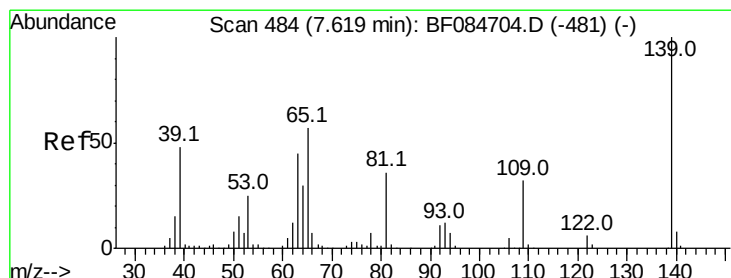
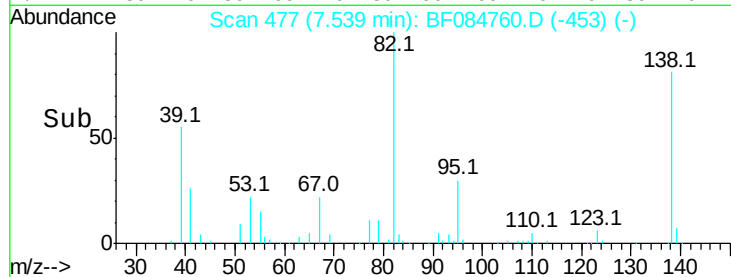
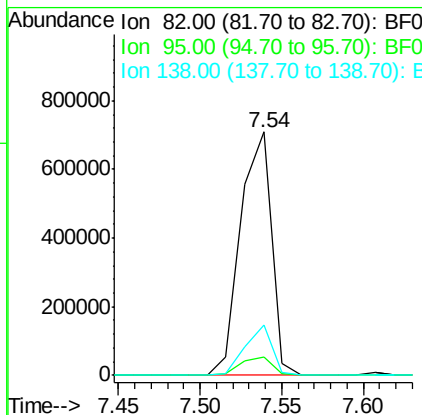
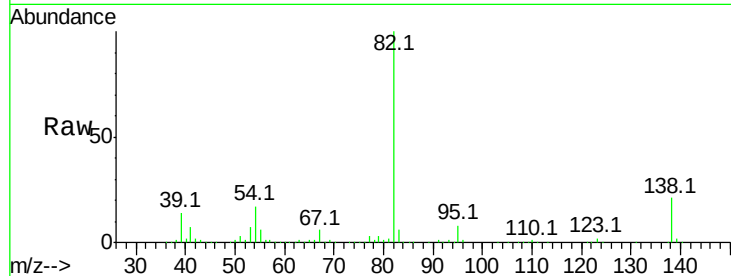
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	931483
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.6	10.0
138	20.9	13.6	20.4#

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.08 ng

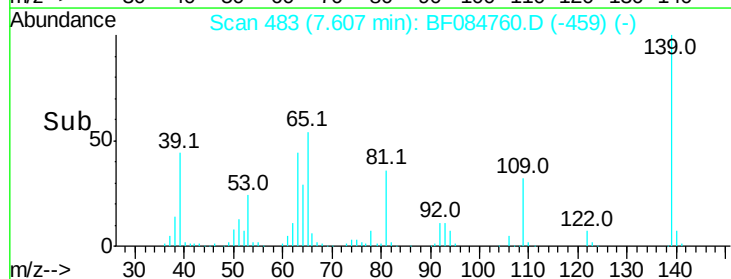
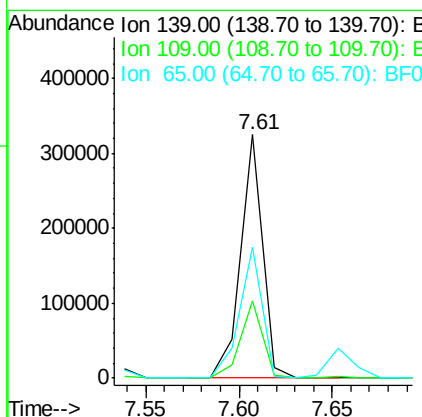
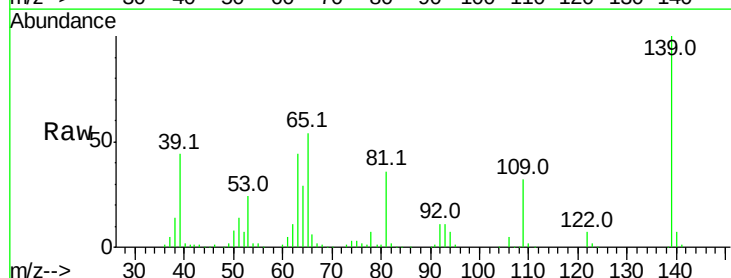
RT: 7.61 min Scan# 483

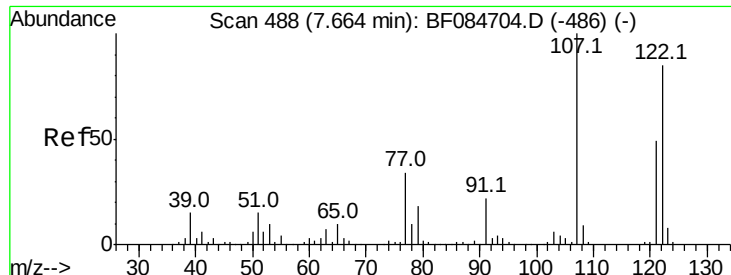
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	139	Resp:	268366
Ion Ratio	Lower	Upper	
139	100		
109	31.9	25.4	38.2
65	54.0	32.3	48.5#





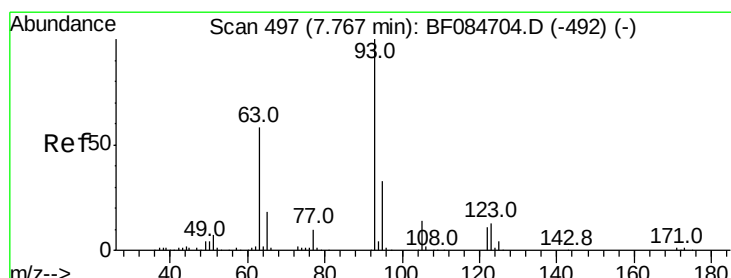
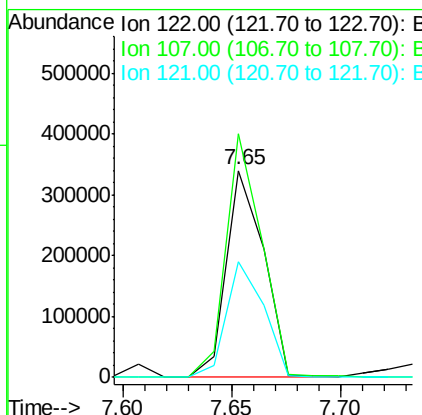
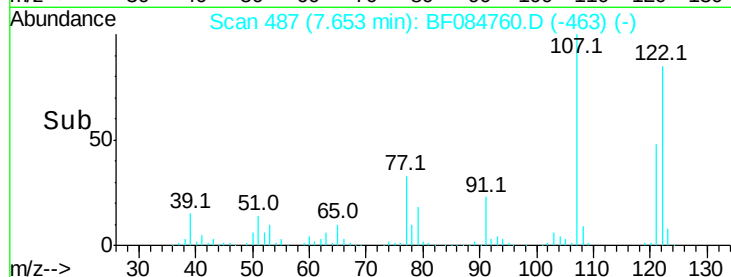
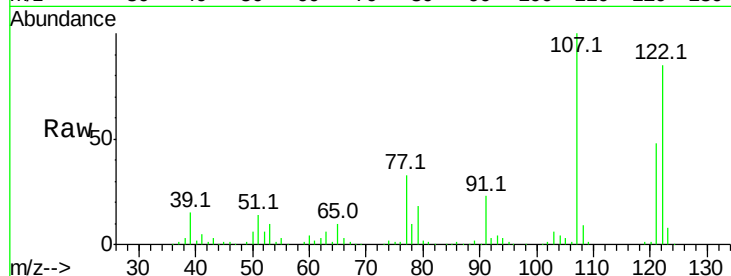
#27
 2,4-Dimethylphenol
 Concen: 36.62 ng
 RT: 7.65 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.7	99.1	148.7
121	56.2	47.9	71.9

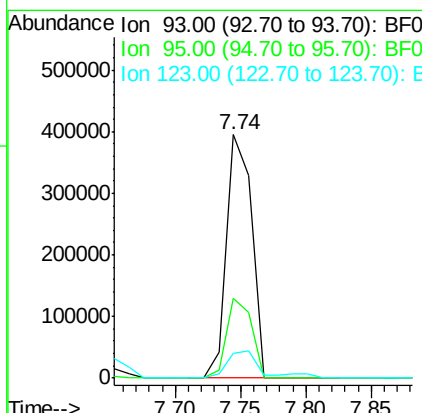
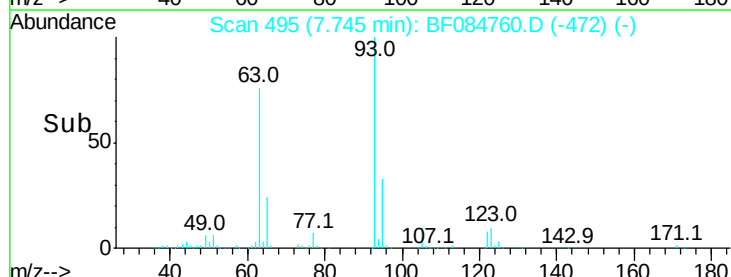
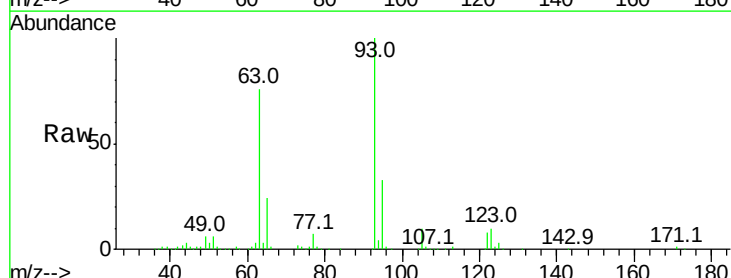
Manual Integrations
 APPROVED

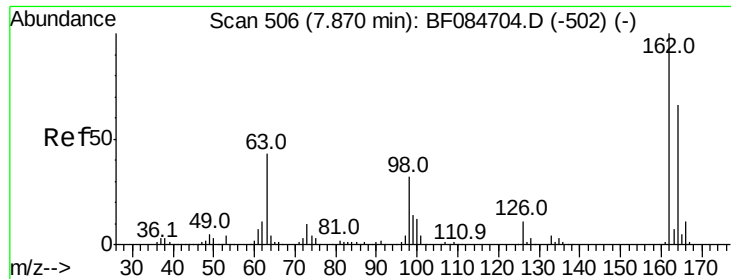
MMDadoda
 2/3/2016 6:25:41 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.90 ng
 RT: 7.74 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	10.1	8.6	12.8





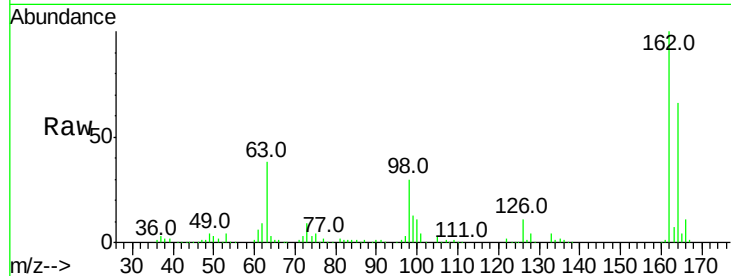
#29
 2,4-Dichlorophenol
 Concen: 39.91 ng
 RT: 7.86 min Scan# 505
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

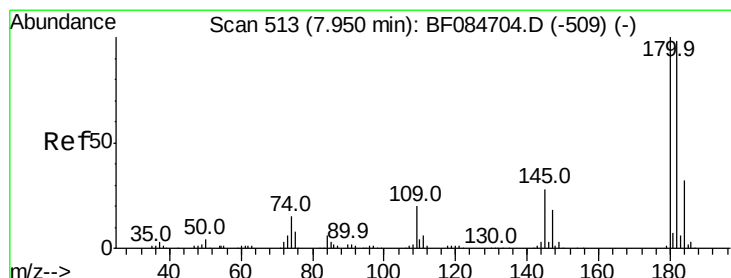
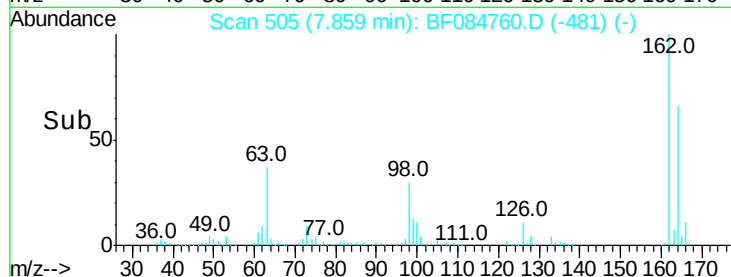
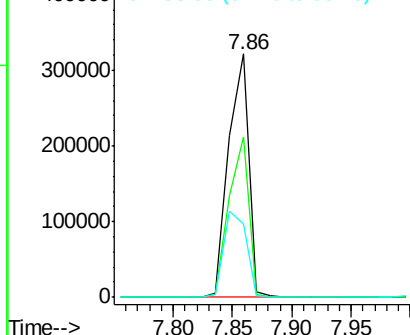
Tot Ion	Ratio	Resp	Lower	Upper
162	100	378843		
164	65.7	44.1	84.1	
98	29.9	20.2	60.2	

Manual Integrations
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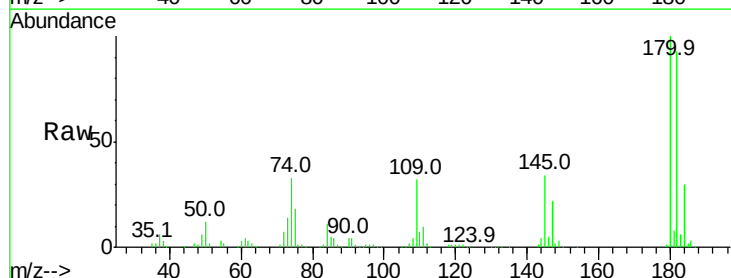


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

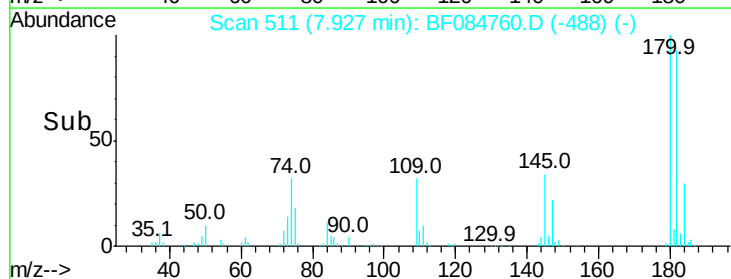
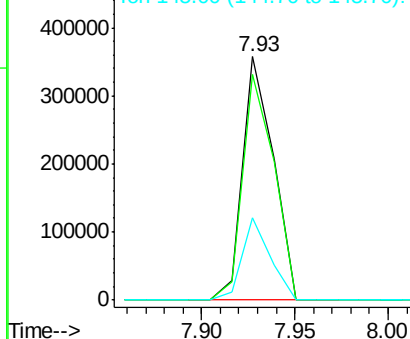


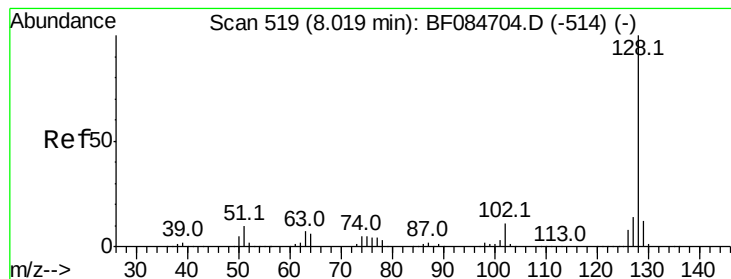
#30
 1,2,4-Trichlorobenzene
 Concen: 38.11 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	408566		
182	92.6	76.4	114.6	
145	33.6	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: 36.13 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:128 Resp: 1232803

Ion Ratio Lower Upper

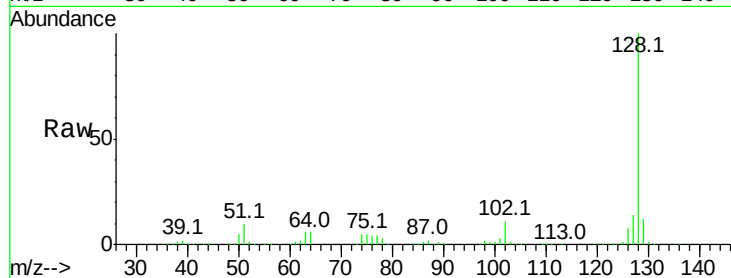
128 100

129 11.9 9.1 13.7

127 13.9 11.1 16.7

Manual Integrations
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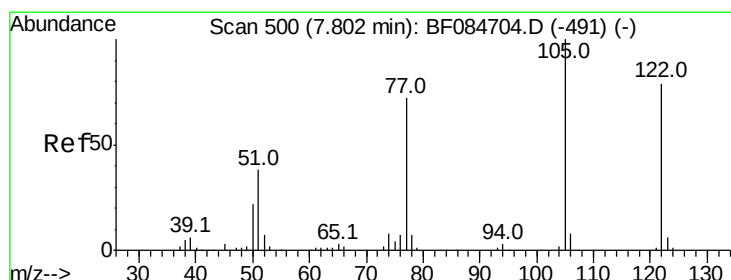
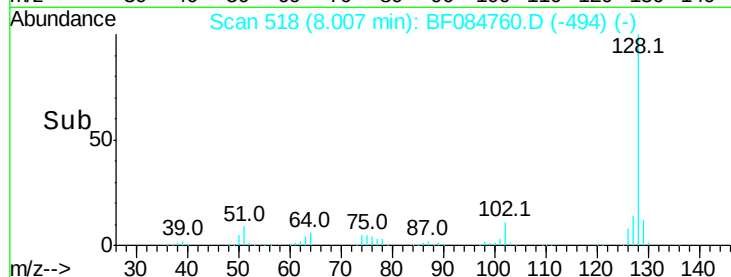
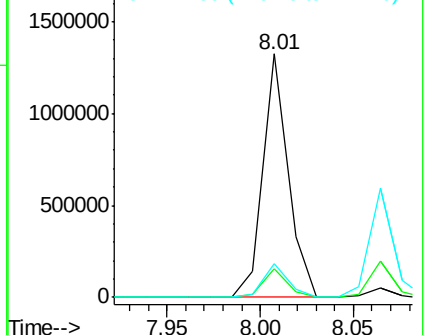
MMDadoda
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.04 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

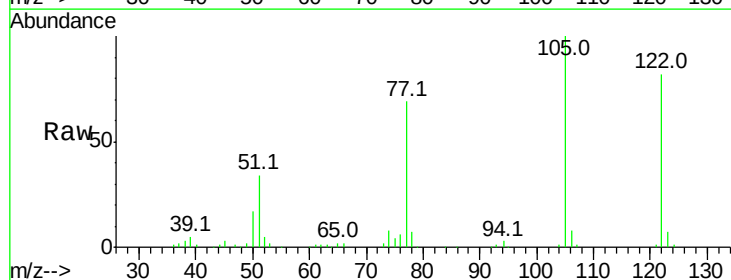
Tgt Ion:122 Resp: 312511

Ion Ratio Lower Upper

122 100

105 121.7 100.3 140.3

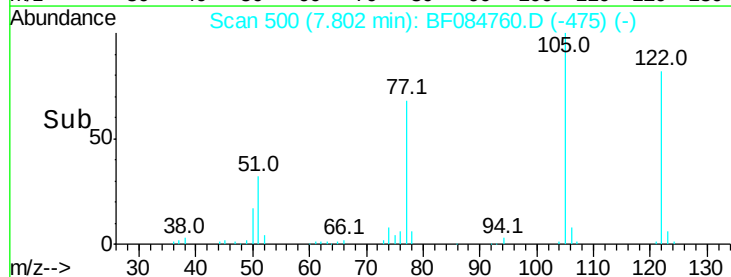
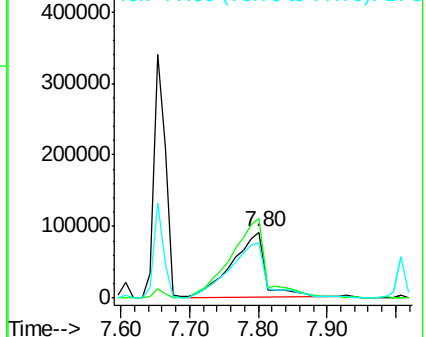
77 84.4 63.5 103.5

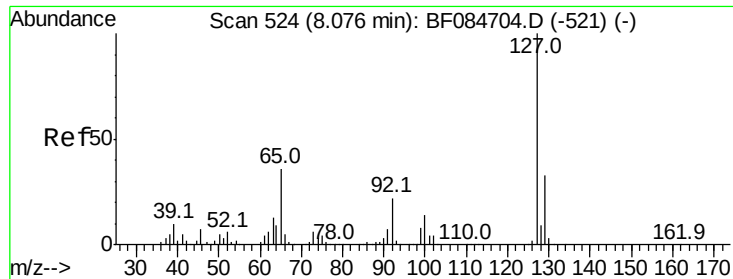


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





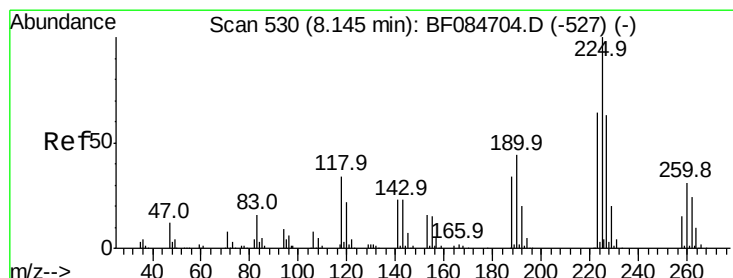
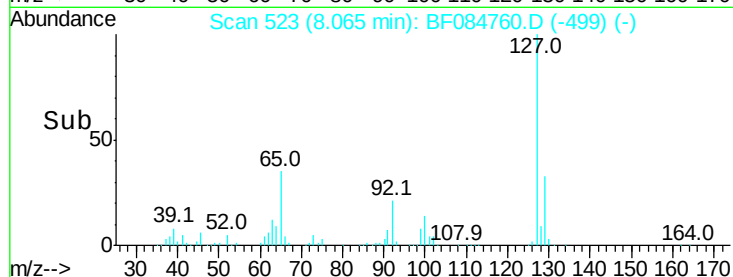
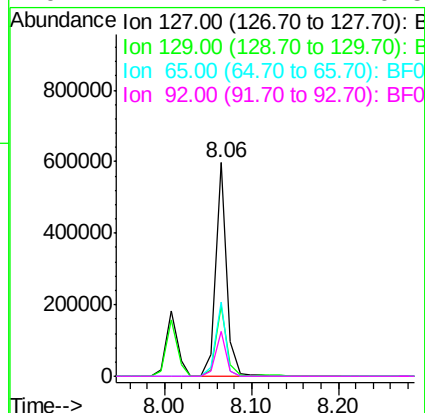
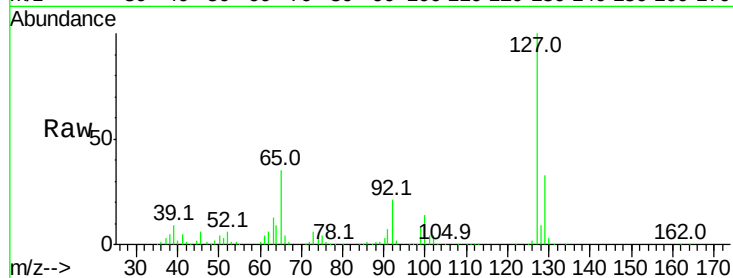
#33
4-Chloroaniline
Concen: 37.44 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.5	39.7	
65	35.1	27.2	40.8	
92	21.2	17.7	26.5	

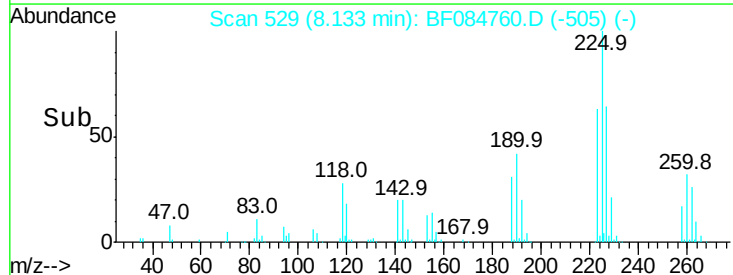
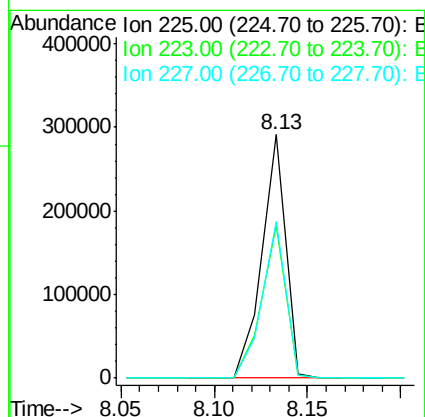
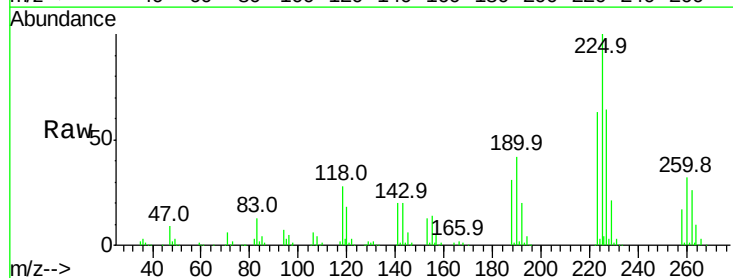
Manual Integrations
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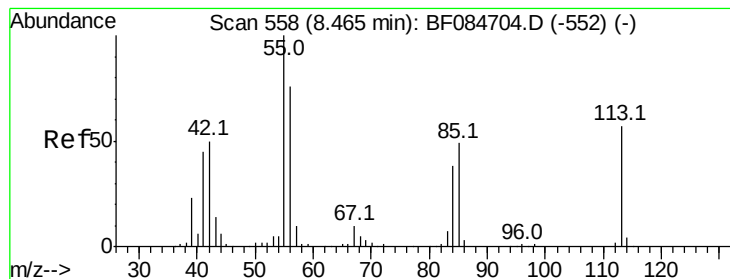
MMDadoda
2/3/2016 6:25:41 PM



#34
Hexachlorobutadiene
Concen: 41.43 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	49.4	74.0	
227	64.3	50.8	76.2	





#35

Caprolactam

Concen: 45.35 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 132682

Ion Ratio Lower Upper

113 100

55 153.8 116.9 156.9

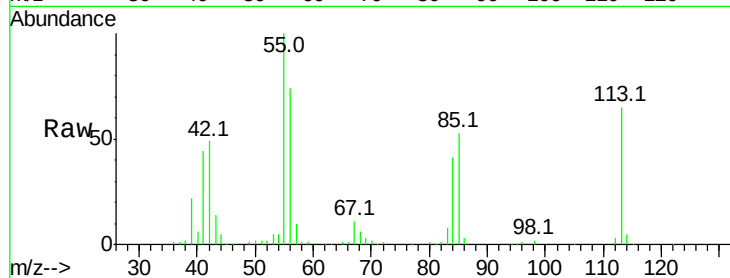
56 114.4 93.8 133.8

Manual Integrations

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MMDadoda

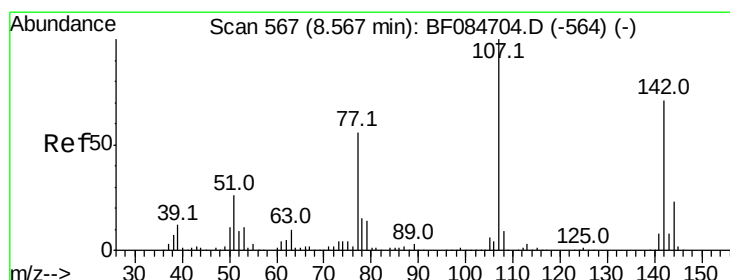
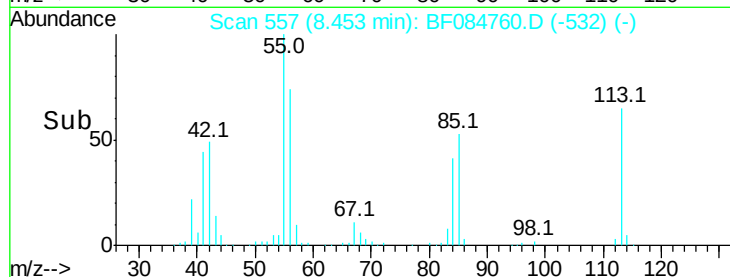
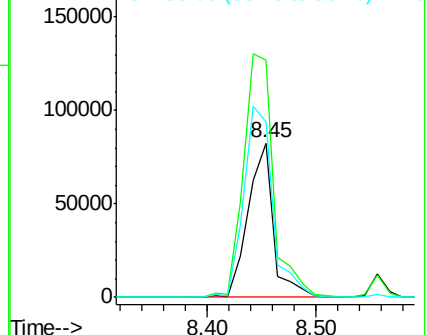
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.67 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

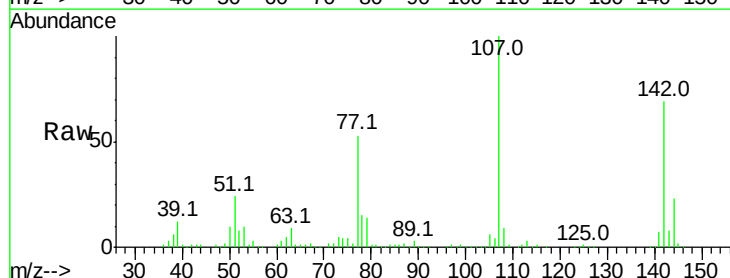
Tgt Ion:107 Resp: 407914

Ion Ratio Lower Upper

107 100

144 22.7 19.7 29.5

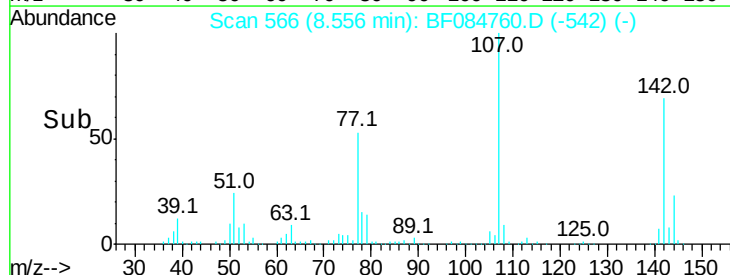
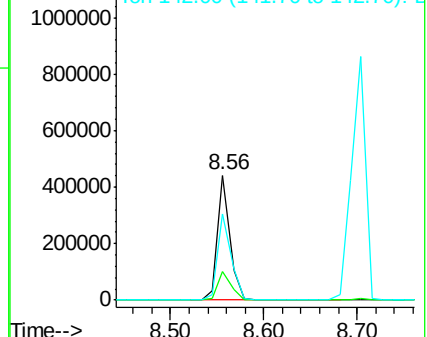
142 69.2 61.8 92.6

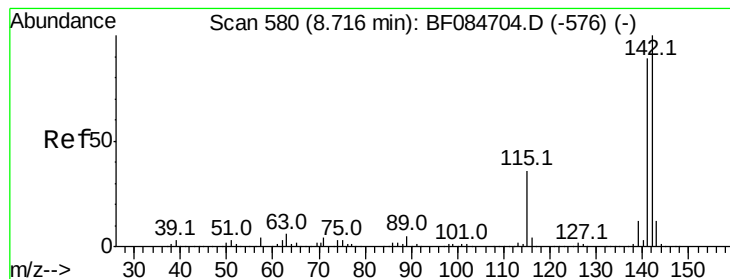


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





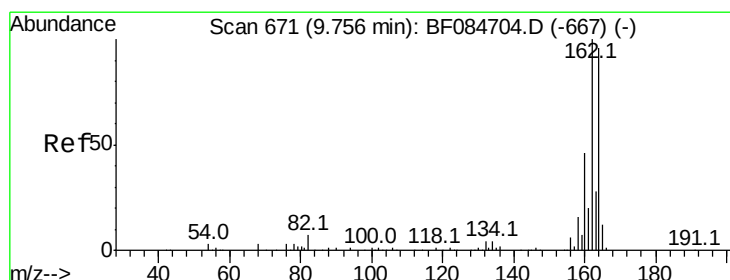
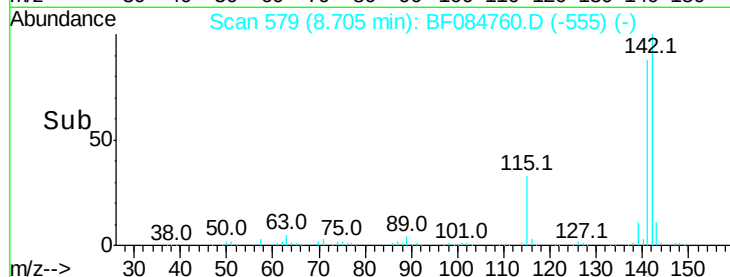
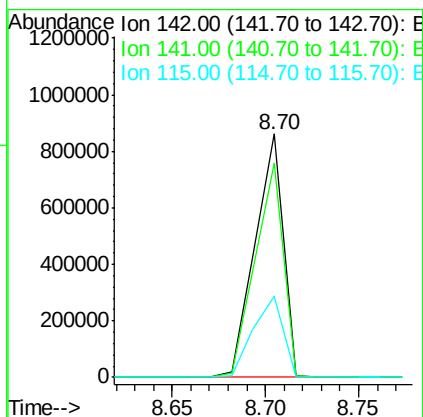
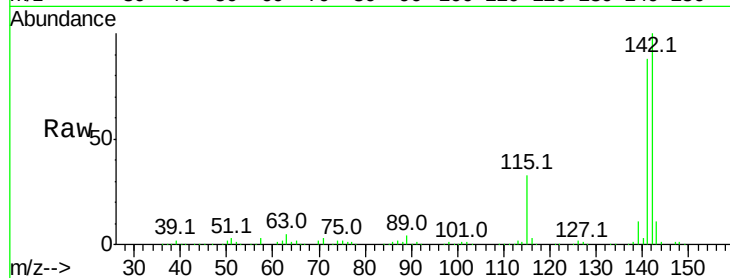
#37
2-Methylnaphthalene
Concen: 41.99 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.4	108.6
115	33.3	27.9	41.9

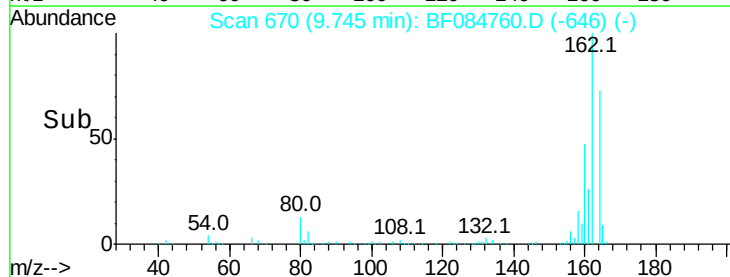
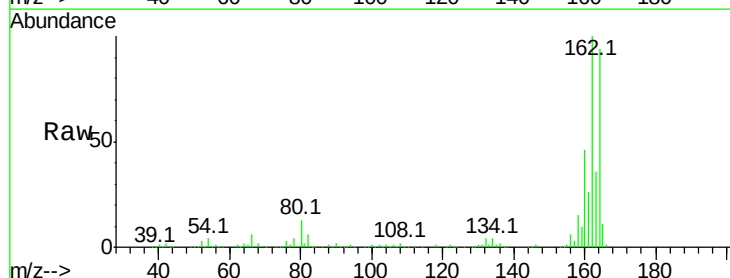
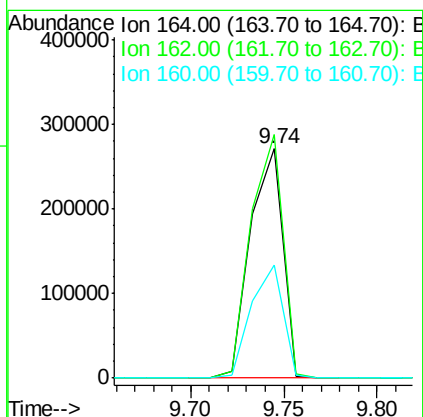
Manual Integrations
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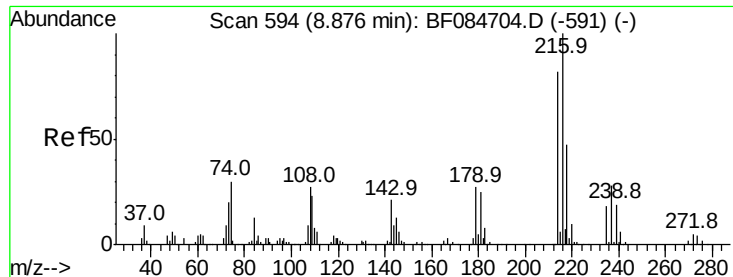
MMDadoda
2/3/2016 6:25:41 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	49.1	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.94 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

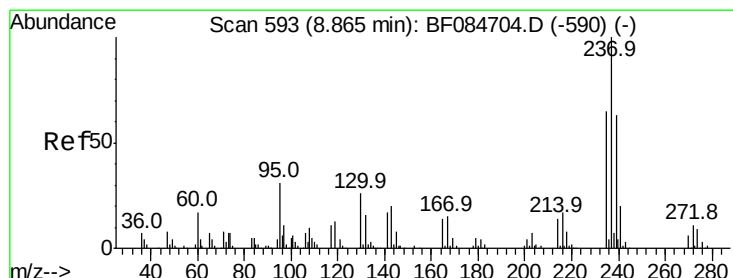
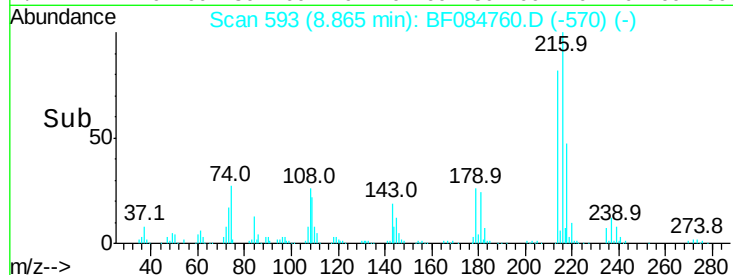
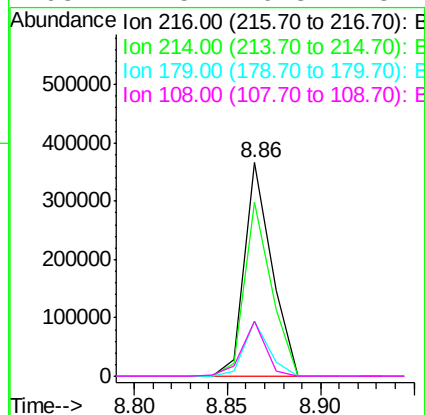
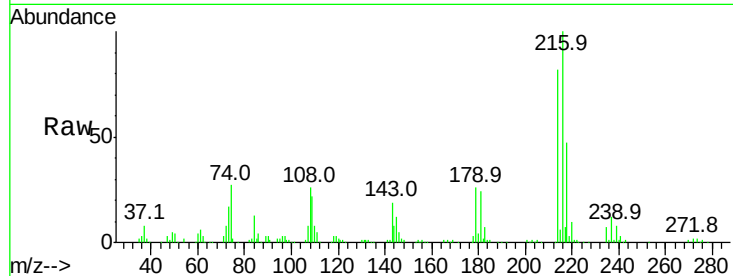
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
216	100	371900		
214	80.0	64.2	96.2	
179	23.3	18.7	28.1	
108	22.5	16.8	25.2	

Manual Integrations
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2/3/2016 6:25:41 PM



#40

Hexachlorocyclopentadiene

Concen: 45.60 ng

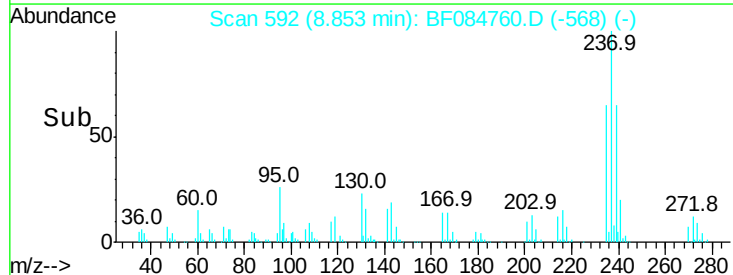
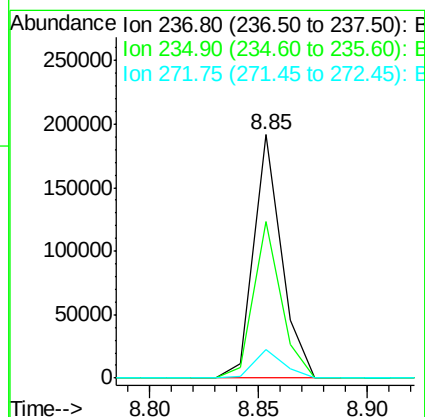
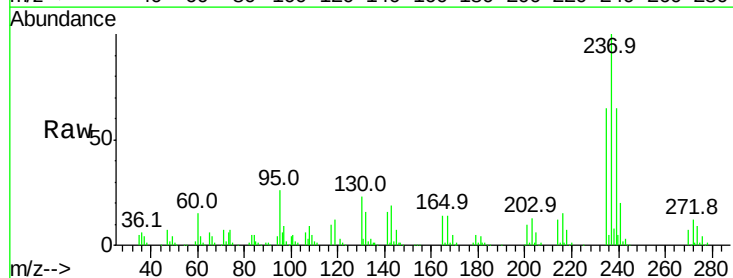
RT: 8.85 min Scan# 592

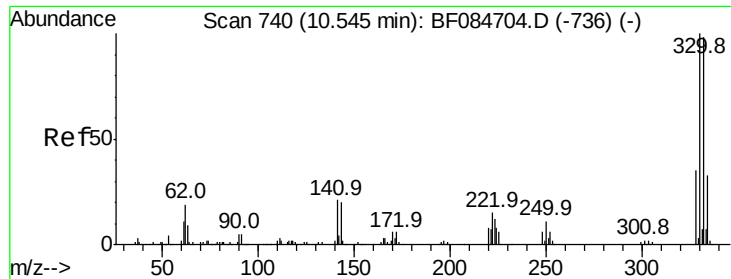
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	170698		
235	64.5	43.1	83.1	
272	11.5	0.0	35.1	





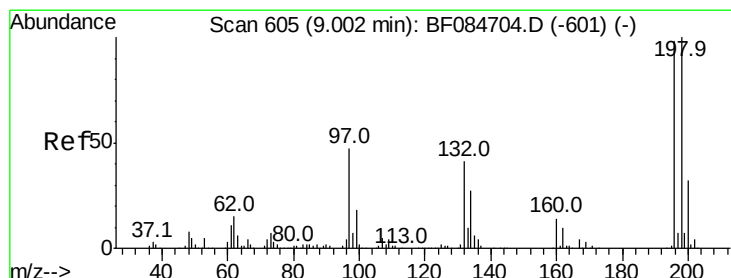
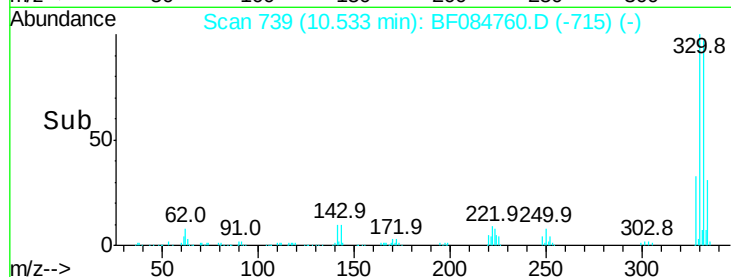
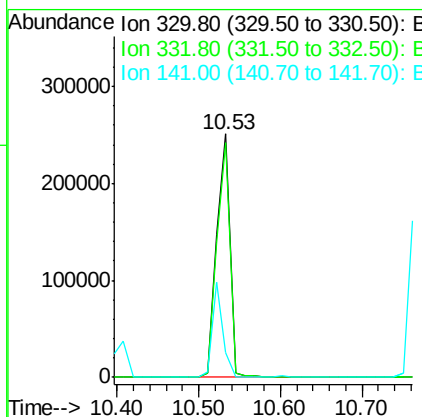
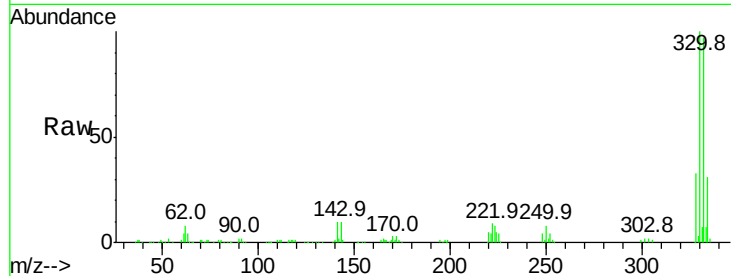
#41
 2,4,6-Tribromophenol
 Concen: 83.46 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
330	100	283618		
332	96.1	76.6	114.8	
141	32.0	27.8	41.6	

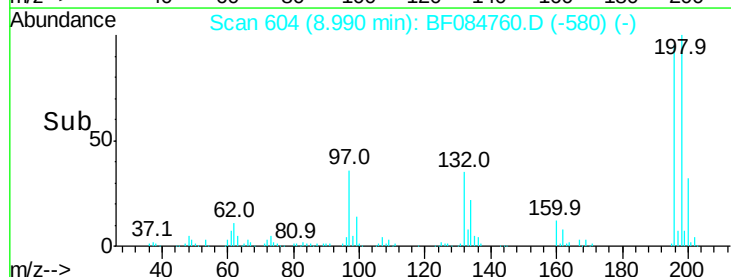
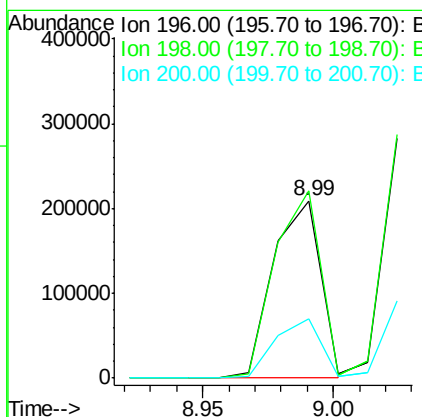
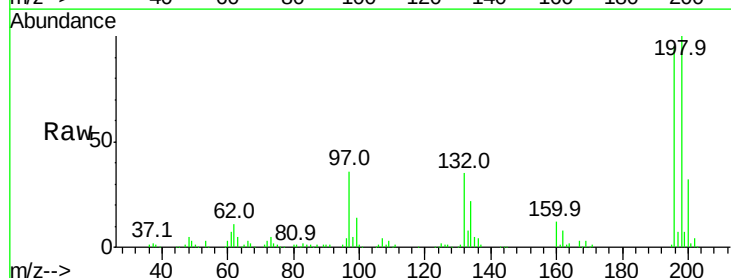
Manual Integrations
 APPROVED

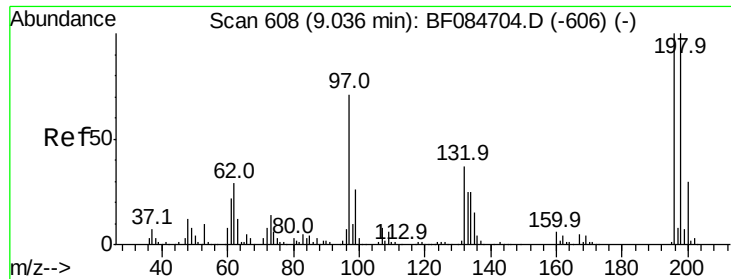
MMDadoda
 2/3/2016 6:25:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.31 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	262044		
198	105.1	77.7	116.5	
200	33.3	24.6	37.0	





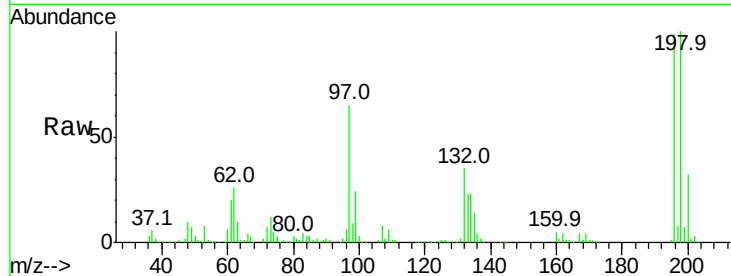
#43
 2,4,5-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	263890		
198	101.5	79.0	118.6	
97	65.5	33.0	49.6#	
132	35.5	21.1	31.7#	

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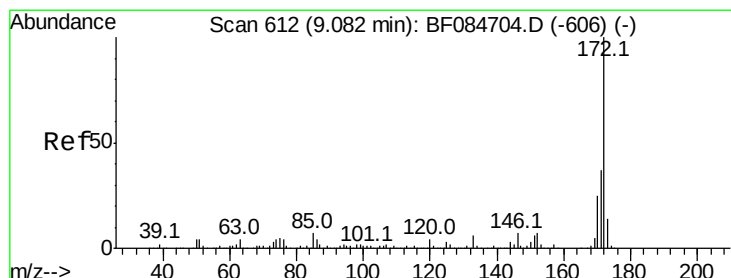
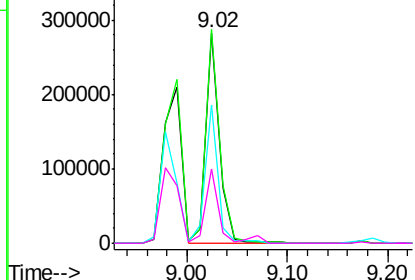
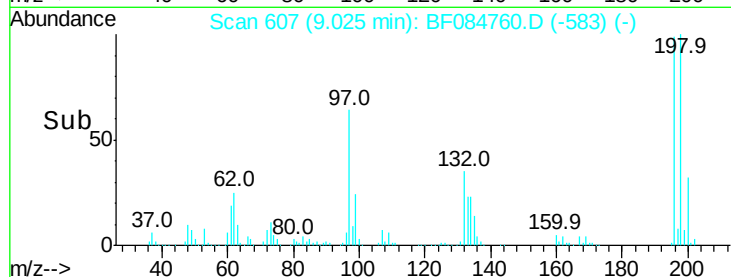
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

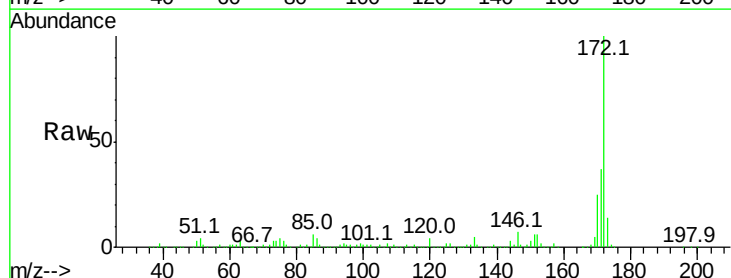
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.37 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.02 min
 Lab File: BF084760.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1711220		
171	37.2	28.9	43.3	
170	25.2	18.6	27.8	

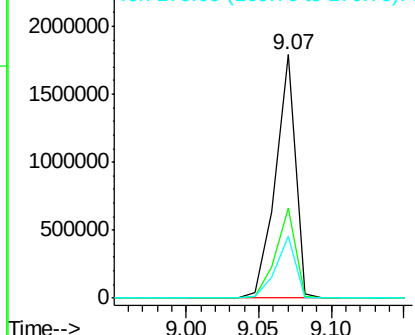
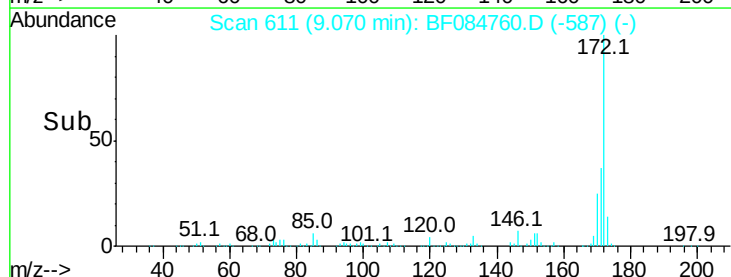


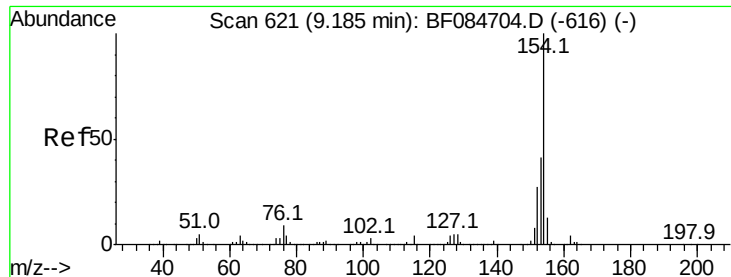
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





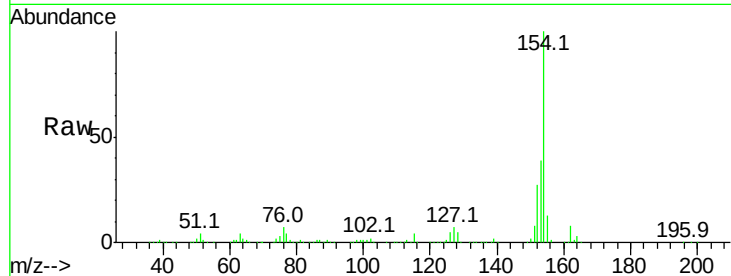
#45
 1,1'-Biphenyl
 Concen: 38.49 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

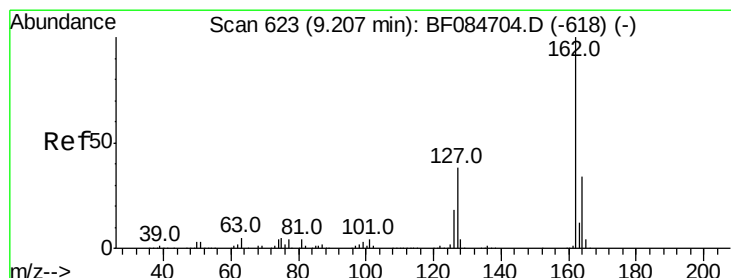
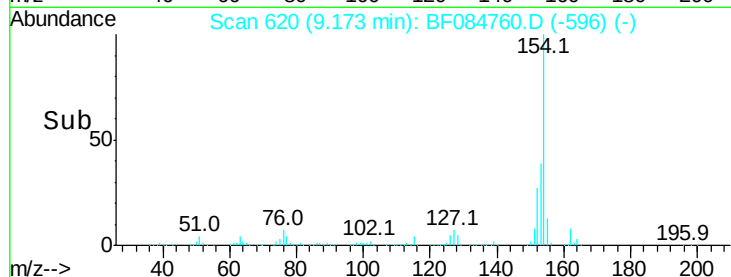
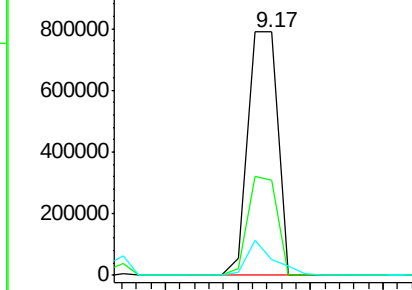
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.0	21.6	61.6
76	6.6	0.0	32.7

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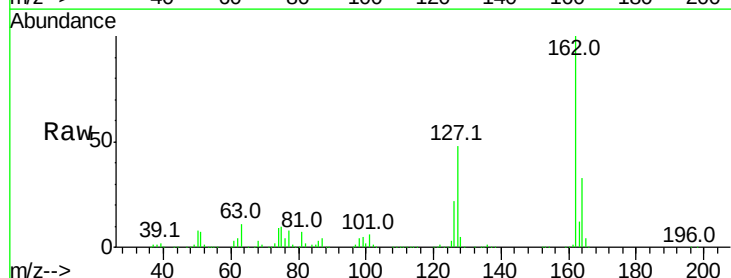


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

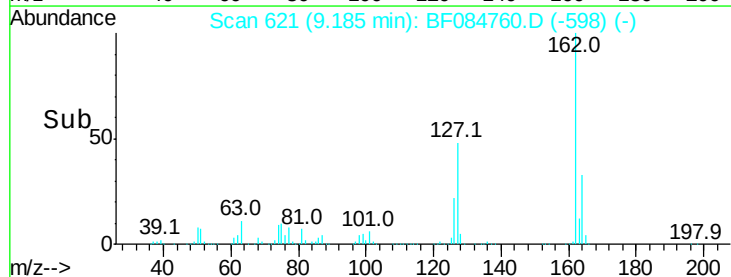
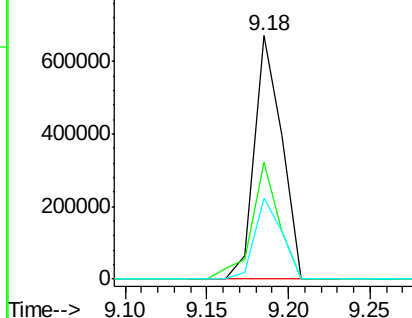


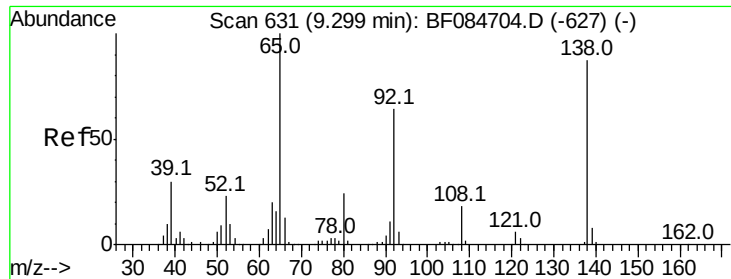
#46
 2-Chloronaphthalene
 Concen: 36.30 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.9	40.2	60.4
164	33.1	25.7	38.5



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





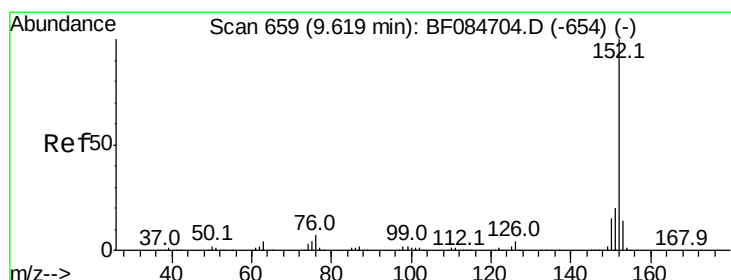
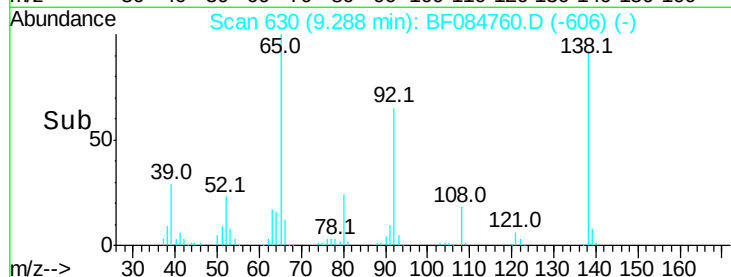
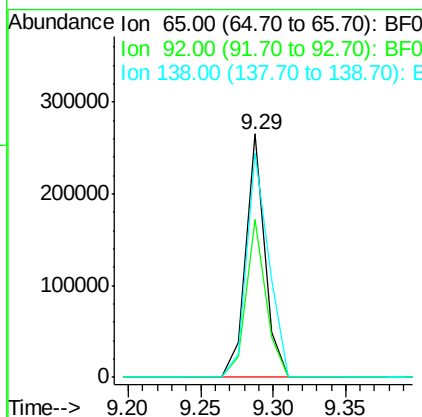
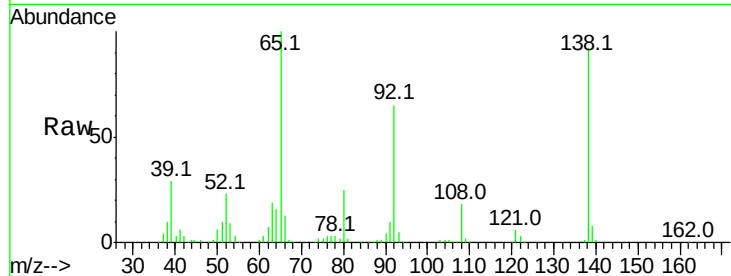
#47
2-Nitroaniline
Concen: 35.99 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.4	80.2
138	92.0	71.1	106.7

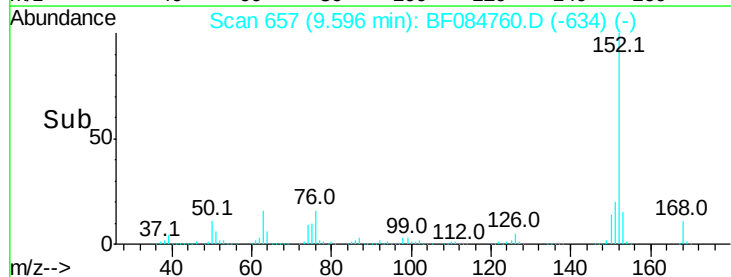
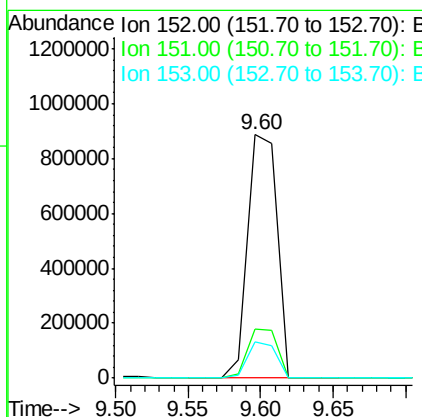
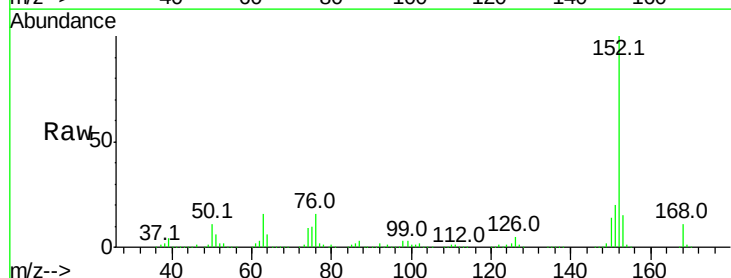
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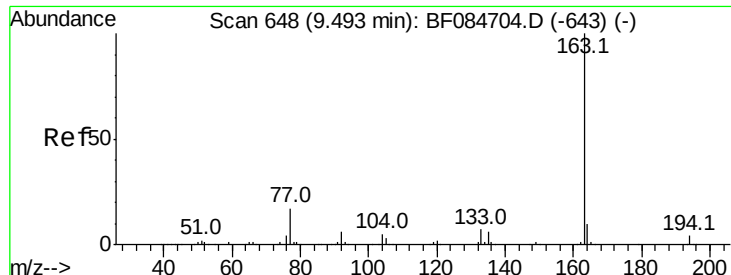
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#48
Acenaphthylene
Concen: 38.34 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.03 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	15.0	10.4	15.6





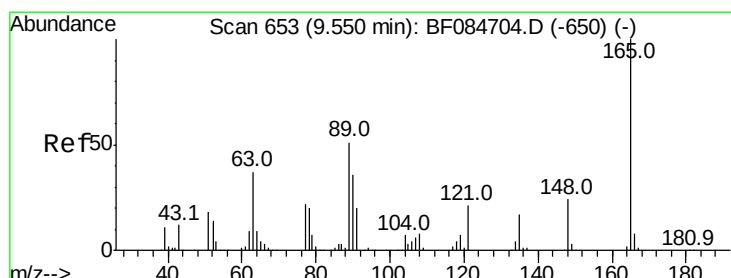
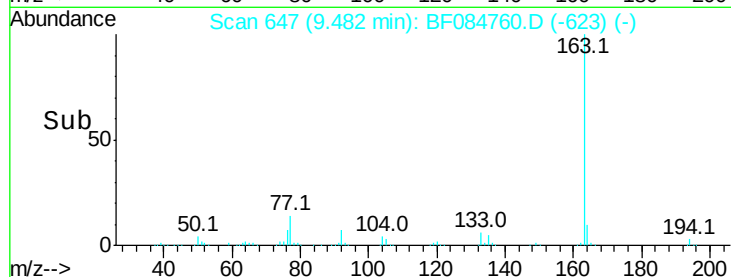
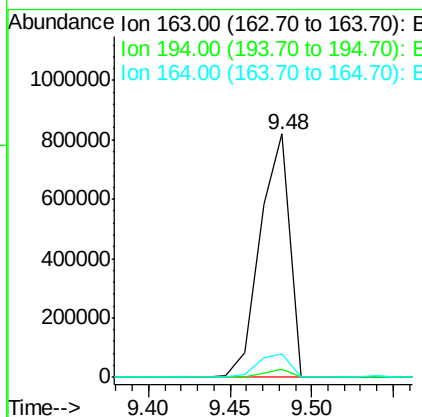
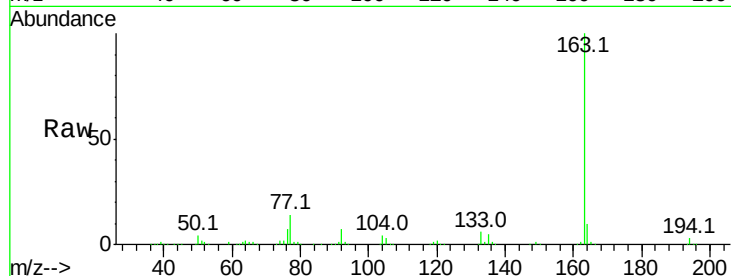
#49
Dimethylphthalate
Concen: 41.29 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:163 Resp: 1024576
Ion Ratio Lower Upper
163 100
194 3.4 8.0 12.0#
164 9.9 8.0 12.0

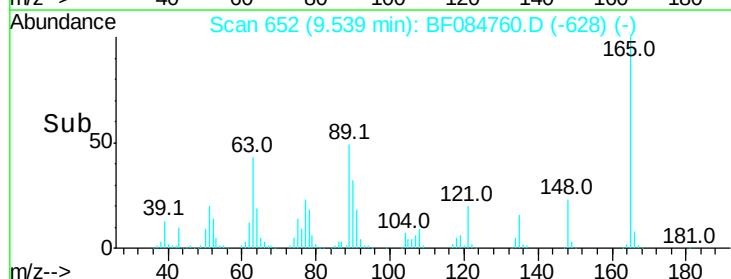
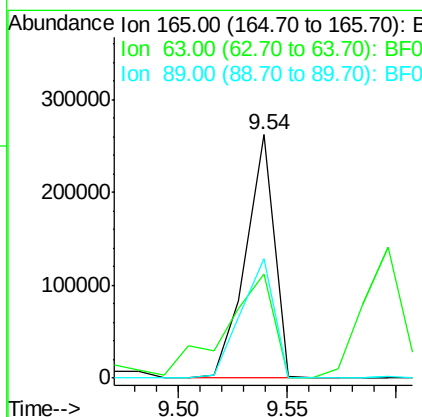
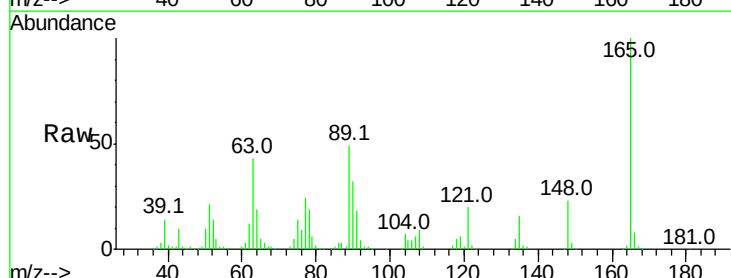
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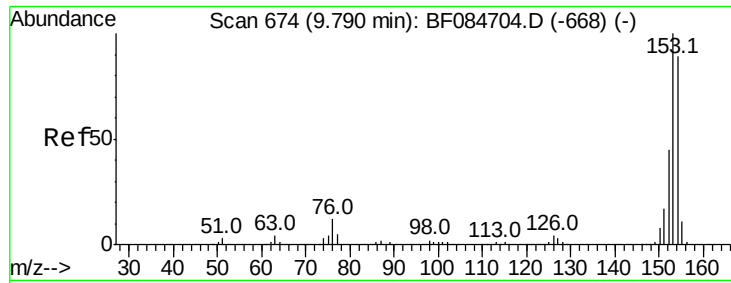
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#50
2,6-Dinitrotoluene
Concen: 44.38 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion:165 Resp: 240573
Ion Ratio Lower Upper
165 100
63 42.7 28.8 43.2
89 48.9 35.1 52.7





#51

Acenaphthene

Concen: 38.08 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

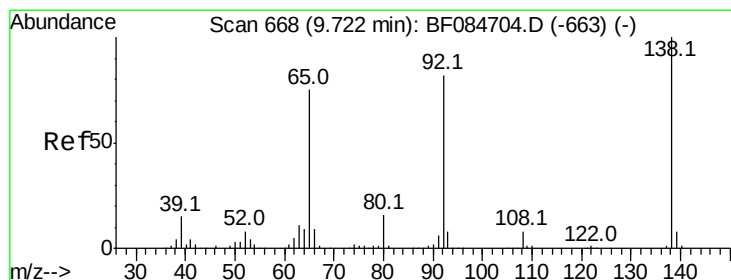
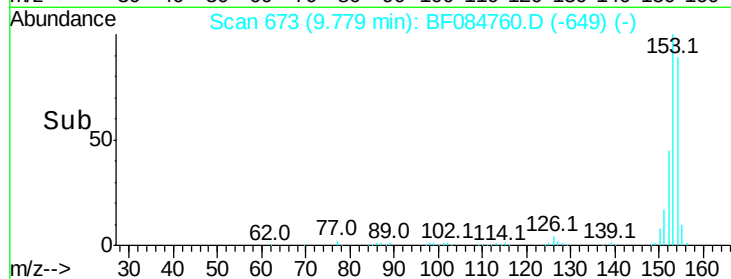
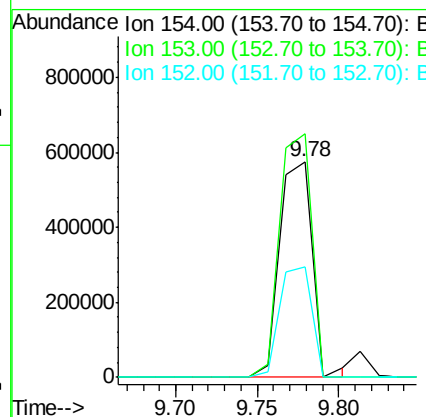
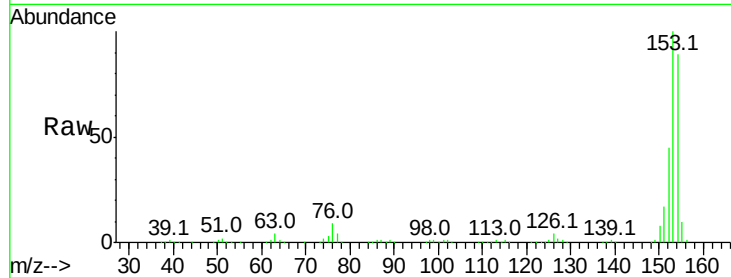
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	805601
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.5	137.3
152	51.3	43.0	64.6

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#52

3-Nitroaniline

Concen: 36.26 ng

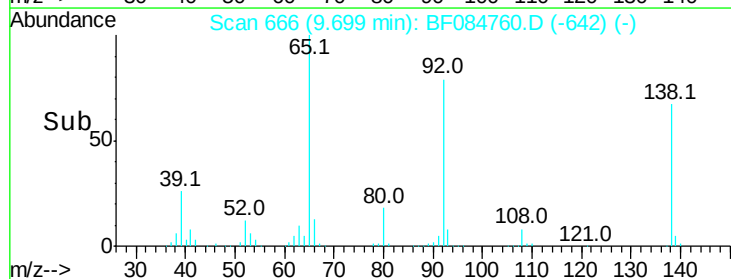
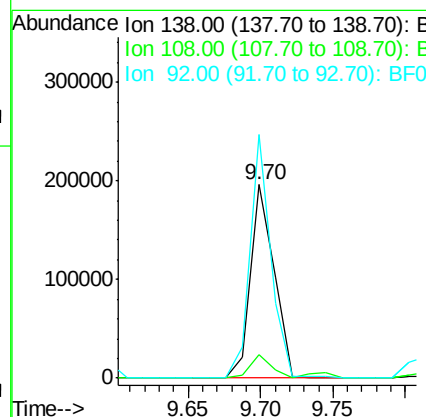
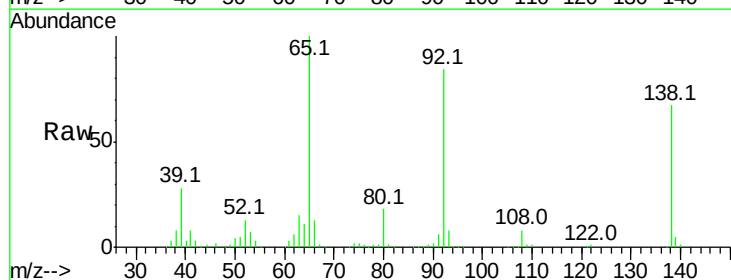
RT: 9.70 min Scan# 666

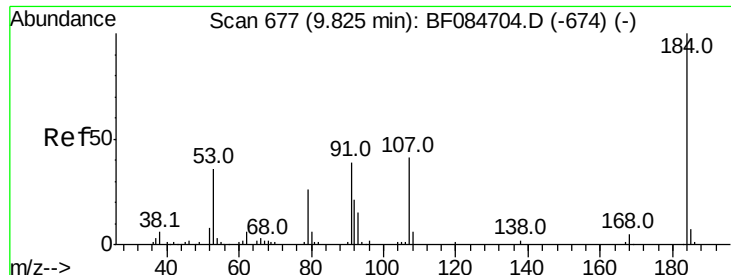
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	138	Resp:	220881
Ion Ratio	Lower	Upper	
138	100		
108	11.9	10.5	15.7
92	125.8	103.9	155.9





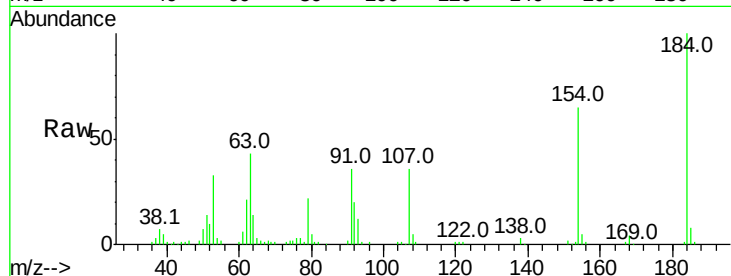
#53
 2,4-Dinitrophenol
 Concen: 44.25 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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

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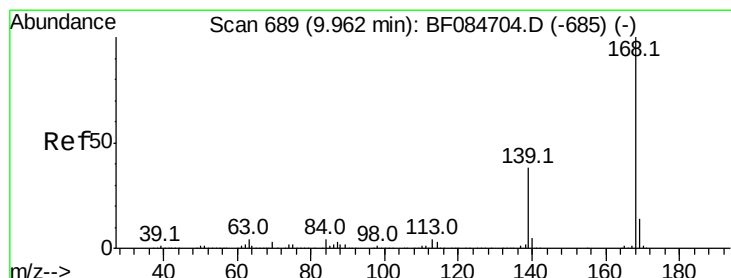
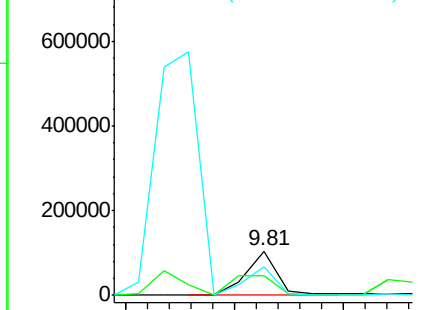
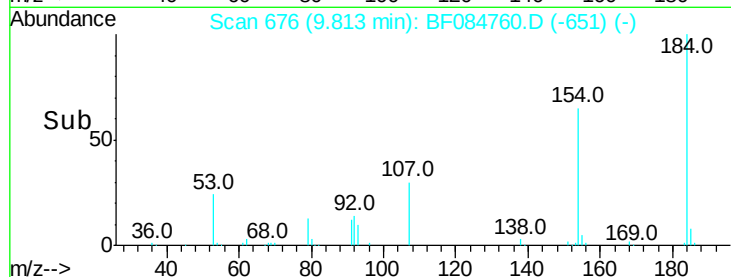


Abundance

Ion 184.00 (183.70 to 184.70): E

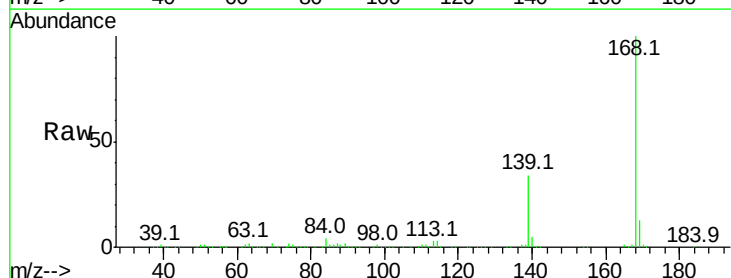
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
 Dibenzofuran
 Concen: 38.59 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.4	30.5	45.7	
169	12.6	10.4	15.6	

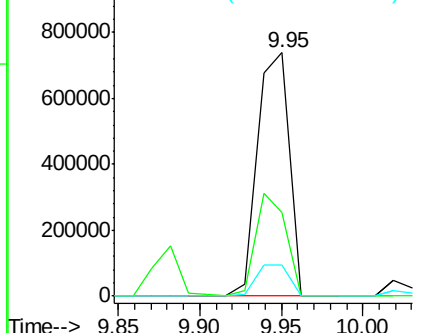
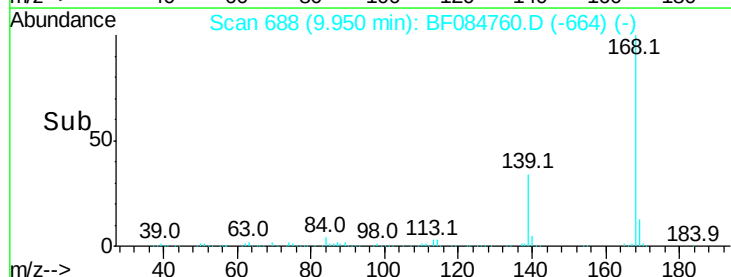


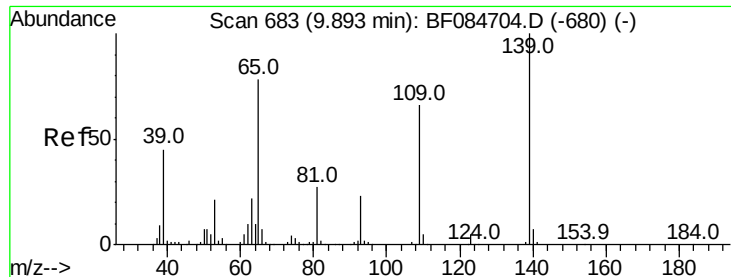
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 38.75 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

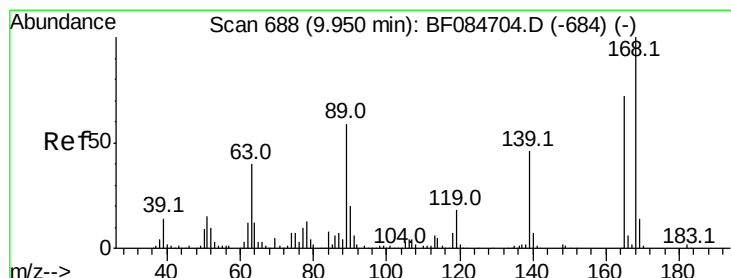
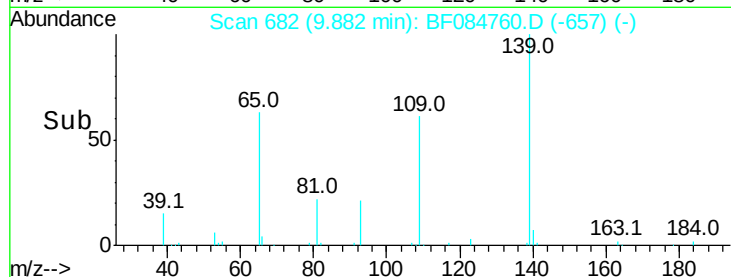
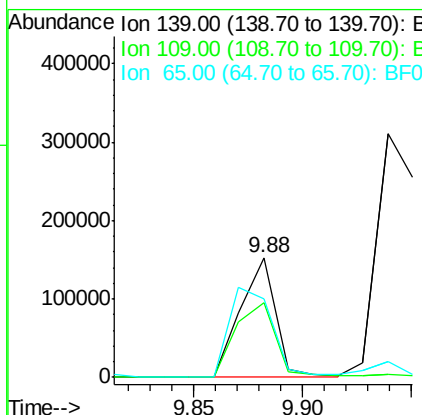
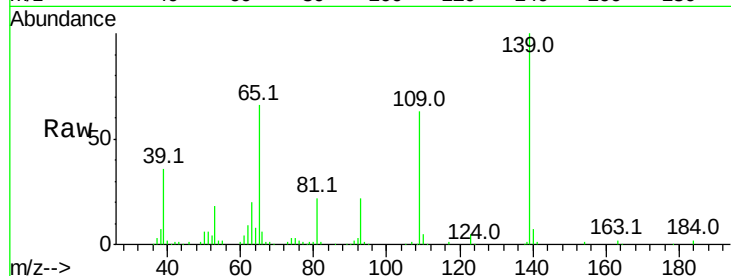
ClientSampleId :

SSTDCCC040EC

Tot Ion:	139	Resp:	173455
Ion Ratio	Lower	Upper	
139	100		
109	62.6	58.5	98.5
65	65.9	57.6	97.6

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#56

2,4-Dinitrotoluene

Concen: 43.87 ng

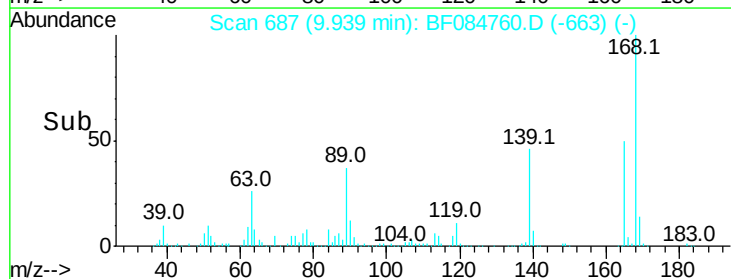
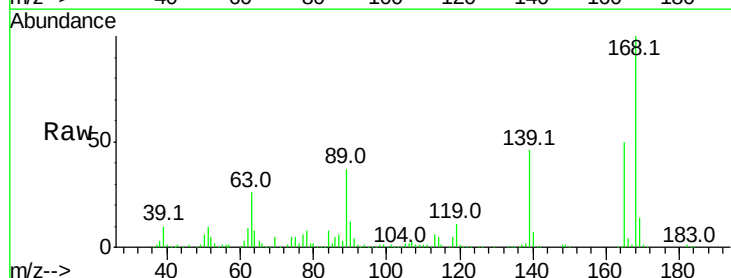
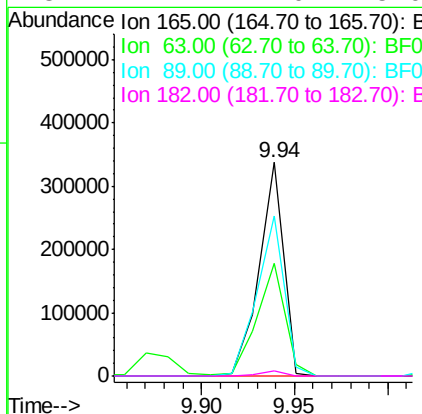
RT: 9.94 min Scan# 687

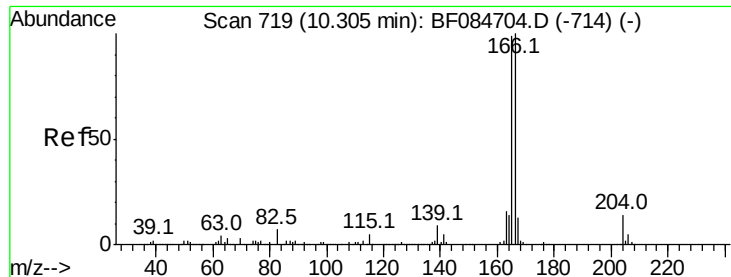
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	165	Resp:	303326
Ion Ratio	Lower	Upper	
165	100		
63	52.5	36.7	55.1
89	74.9	61.9	92.9
182	2.2	2.0	3.0





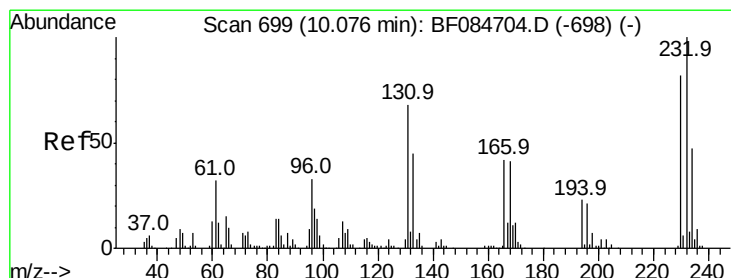
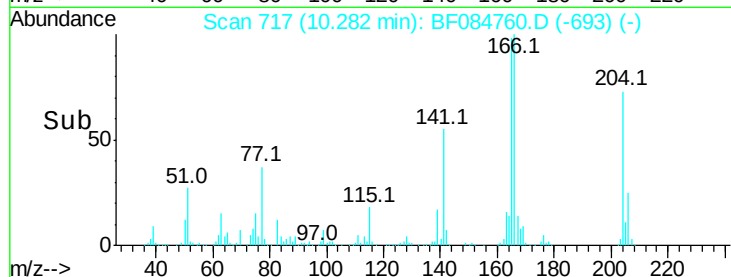
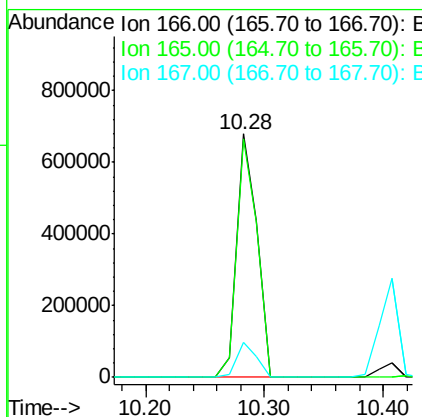
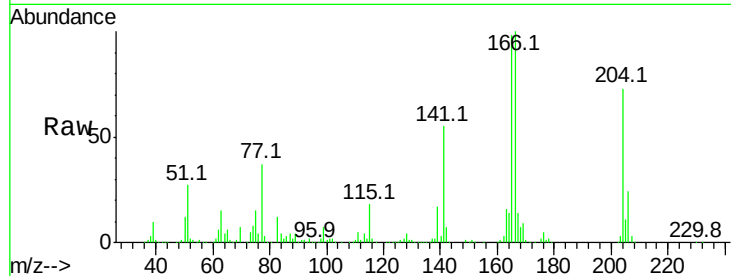
#57
 Fluorene
 Concen: 37.42 ng
 RT: 10.28 min Scan# 717
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	79.1	118.7	
167	14.1	10.4	15.6	

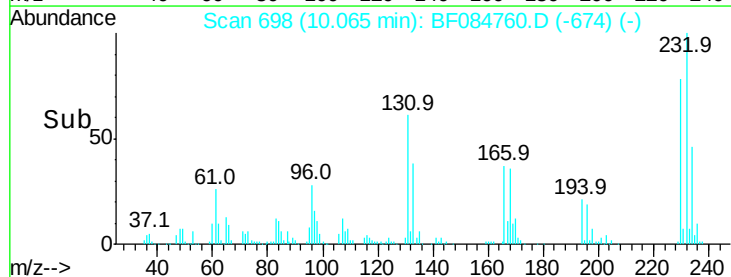
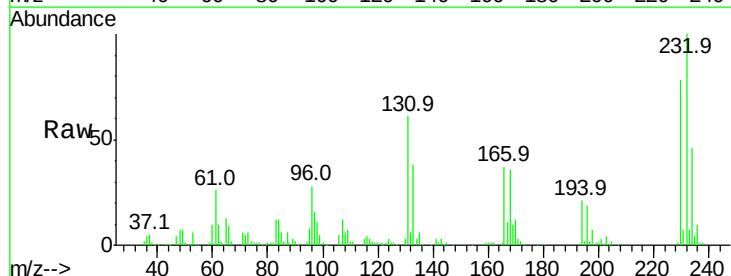
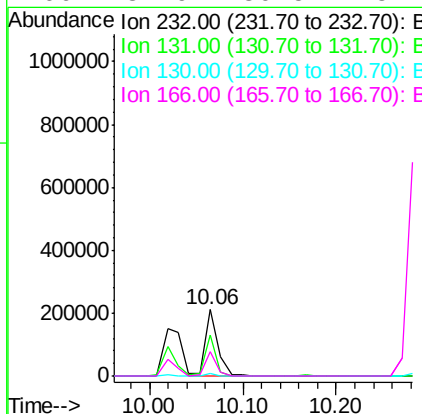
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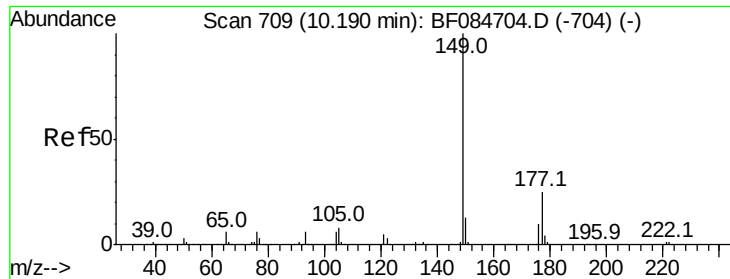
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.27 ng
 RT: 10.06 min Scan# 698
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.5	47.0	70.6	
130	2.7	2.0	3.0	
166	32.9	30.5	45.7	





#59

Diethylphthalate

Concen: 38.76 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

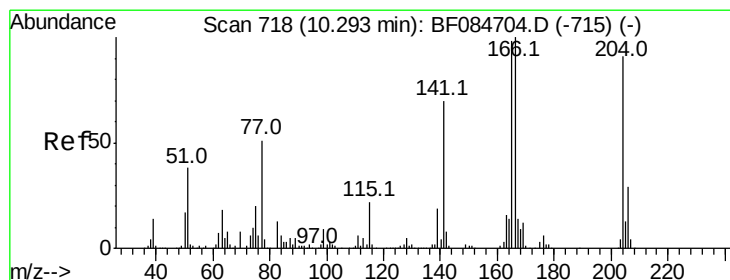
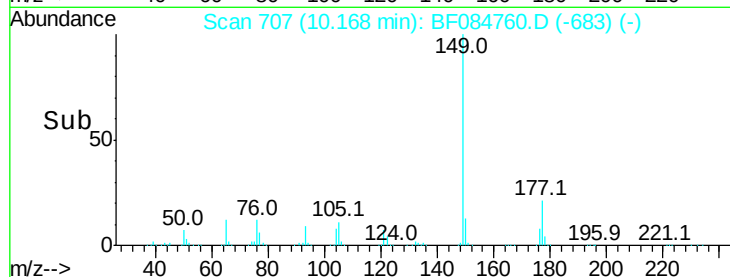
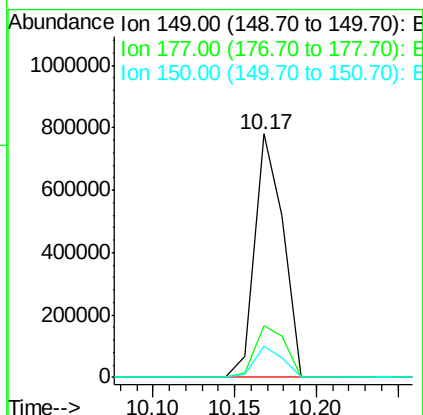
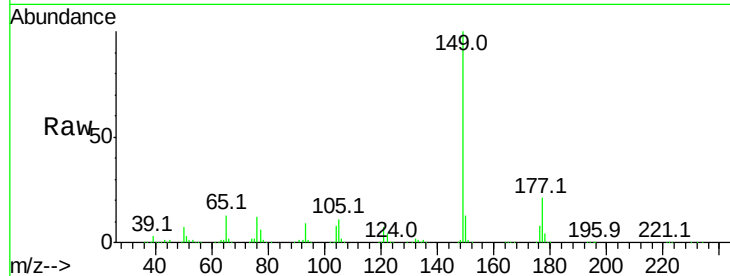
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	939028
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.3	25.9
150	12.9	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 43.66 ng

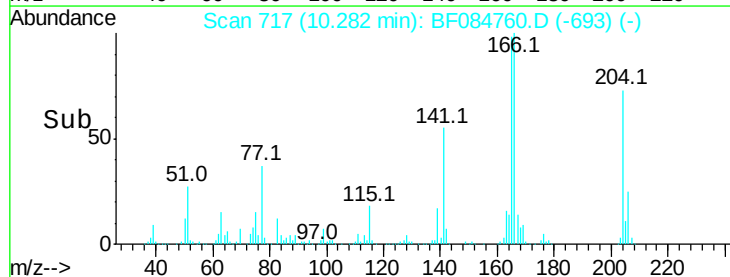
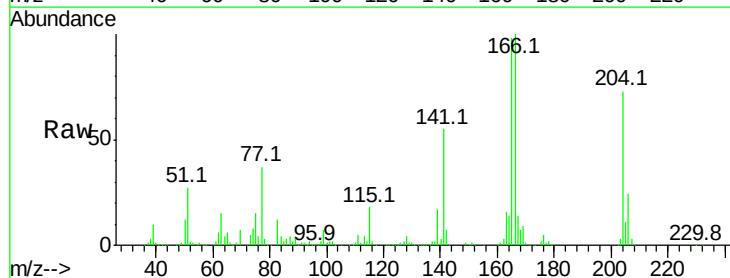
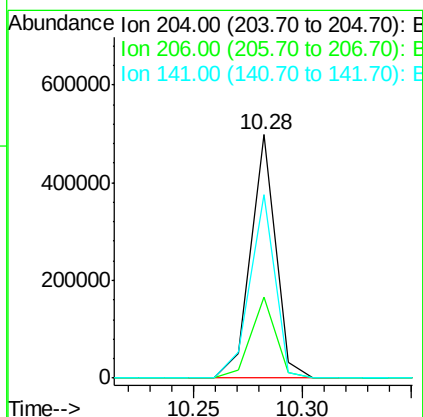
RT: 10.28 min Scan# 717

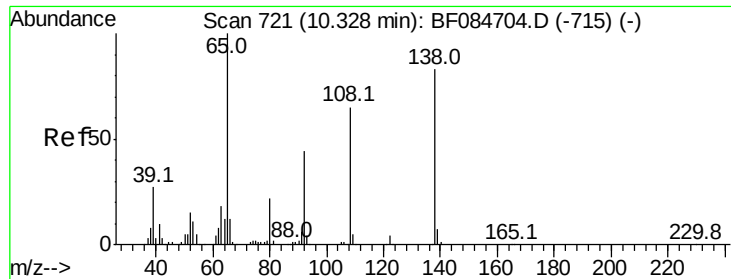
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	204	Resp:	398005
Ion Ratio	Lower	Upper	
204	100		
206	33.4	25.7	38.5
141	75.1	55.1	82.7





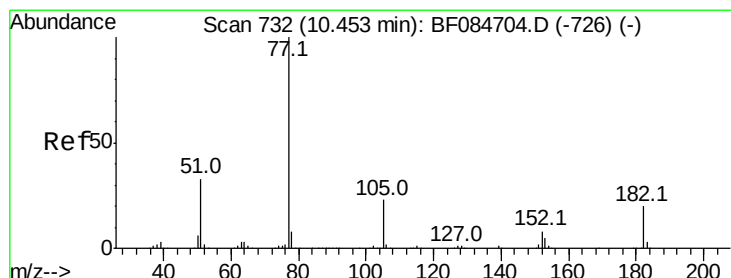
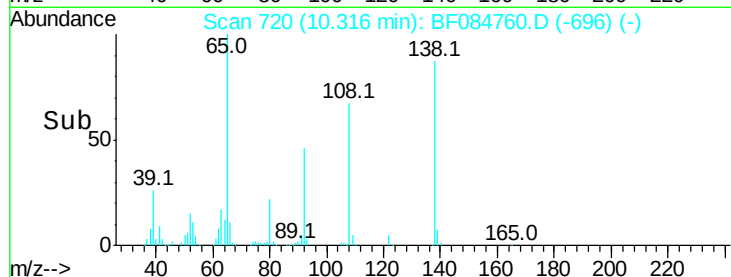
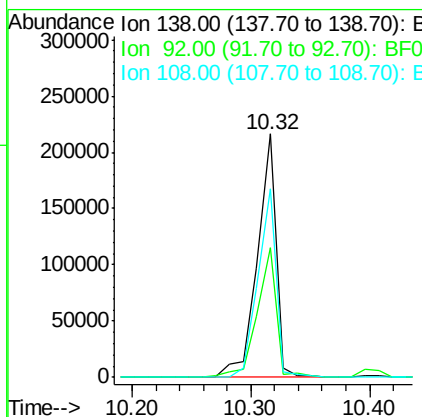
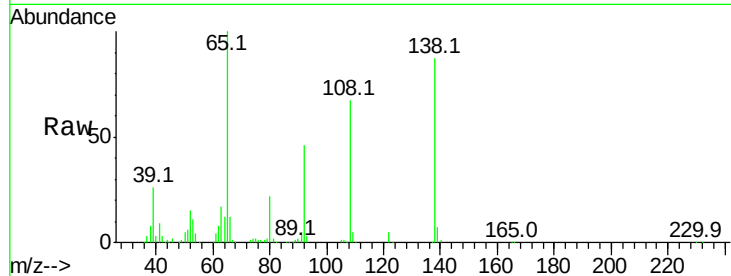
#61
4-Nitroaniline
Concen: 40.59 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.2	32.6	72.6
108	77.3	68.6	108.6

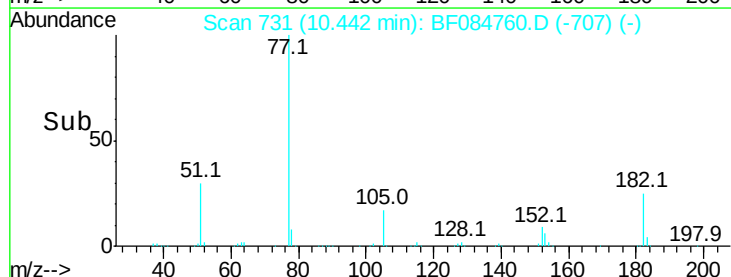
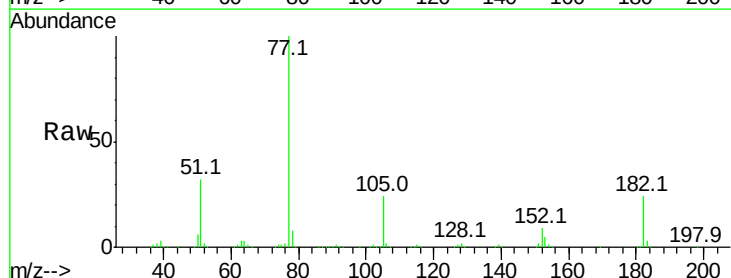
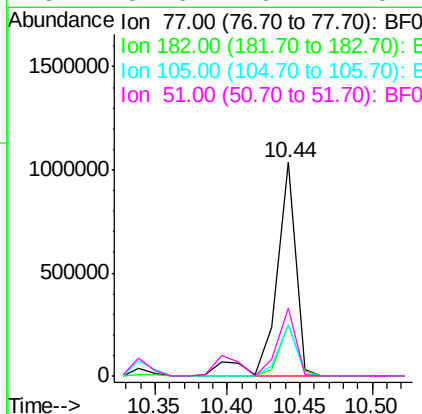
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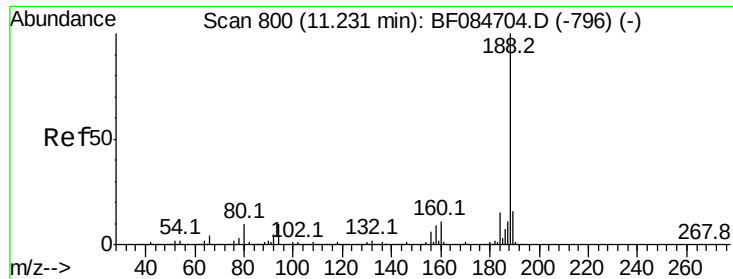
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#62
Azobenzene
Concen: 42.42 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	8.3	48.3
105	24.1	4.6	44.6
51	31.6	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: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

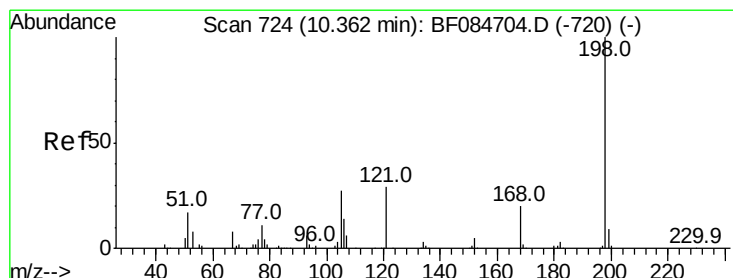
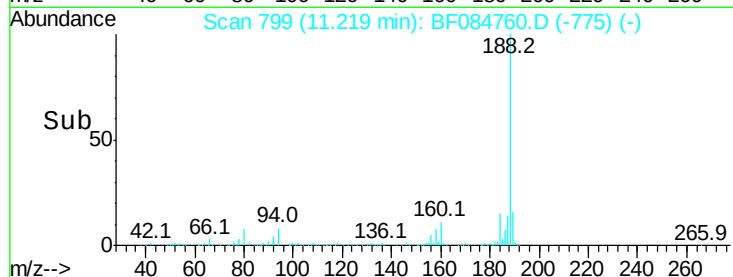
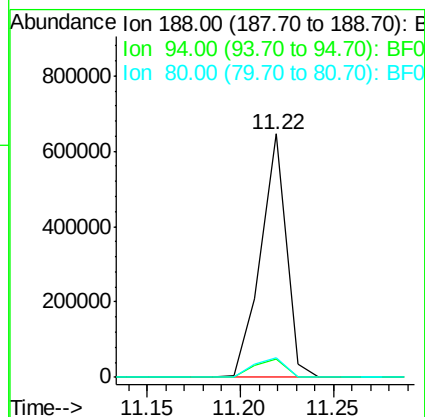
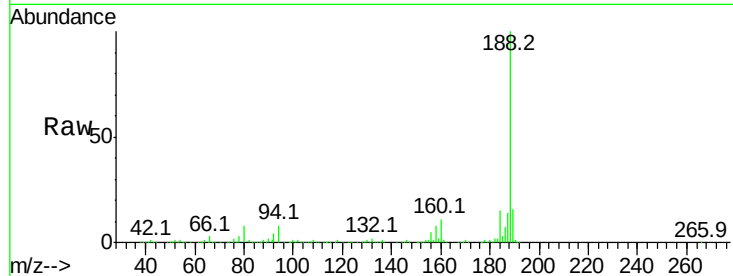
ClientSampleId :

SSTDCCC040EC

Tot Ion:188	Resp:	613326
Ion Ratio	Lower	Upper
188 100		
94 7.7	9.0	13.4#
80 8.0	9.6	14.4#

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.35 ng

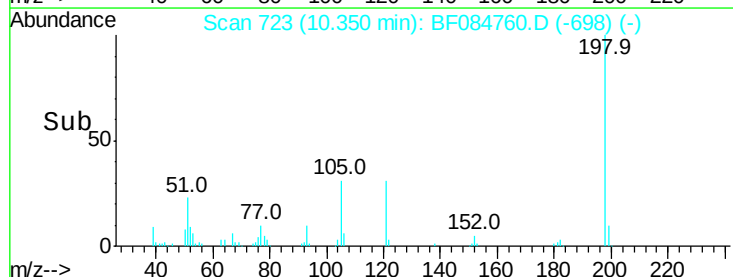
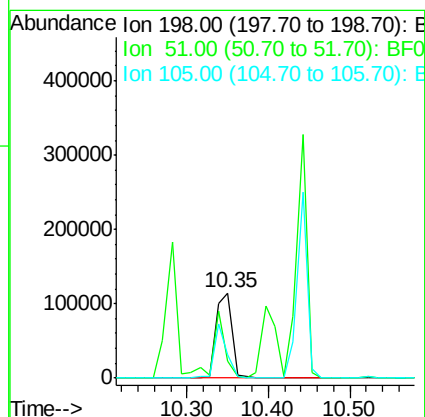
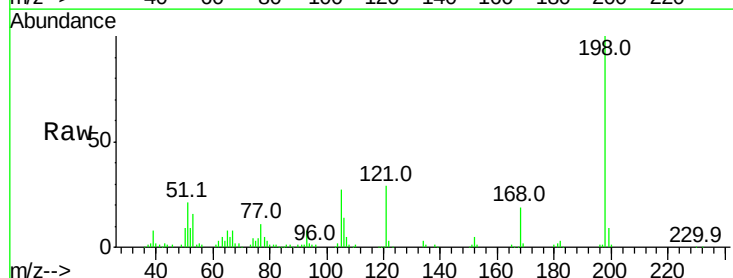
RT: 10.35 min Scan# 723

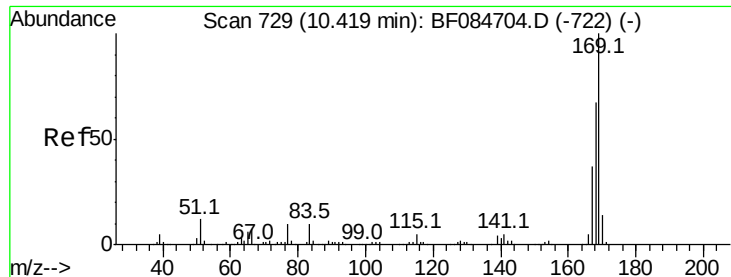
Delta R.T. -0.01 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:198	Resp:	156540
Ion Ratio	Lower	Upper
198 100		
51 20.5	18.9	58.9
105 27.0	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.17 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

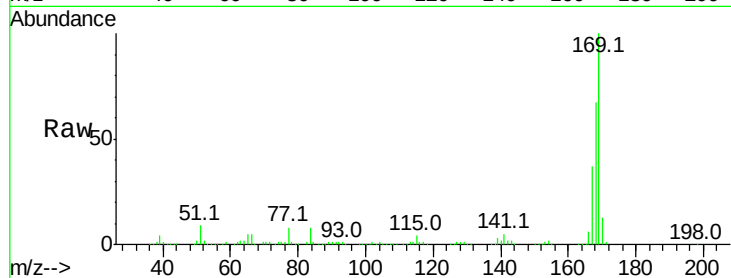
ClientSampleId :

SSTDCCC040EC

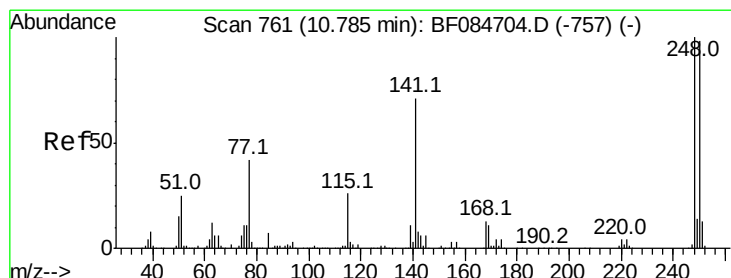
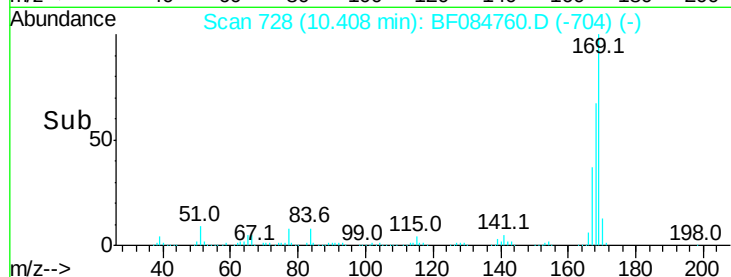
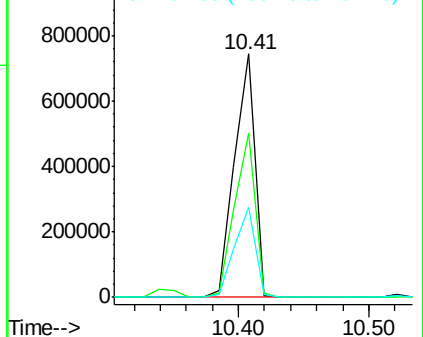
Tot Ion:	169	Resp:	801787
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.1	82.7
167	37.0	30.0	45.0

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.24 ng

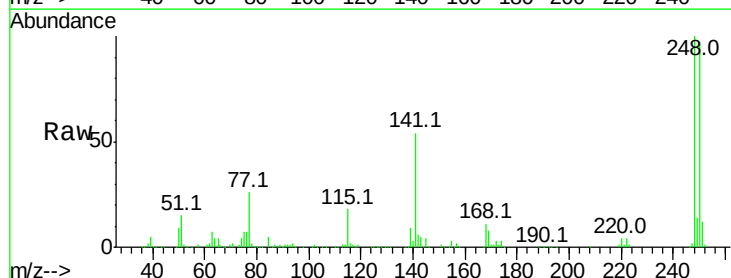
RT: 10.77 min Scan# 760

Delta R.T. -0.02 min

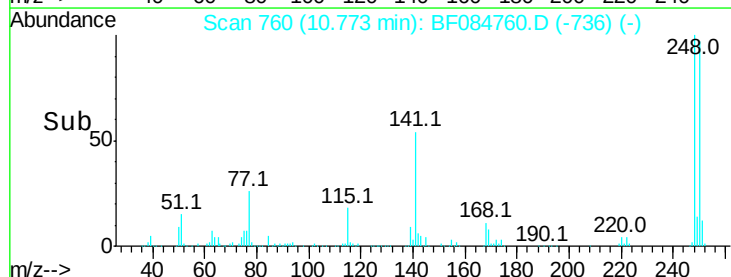
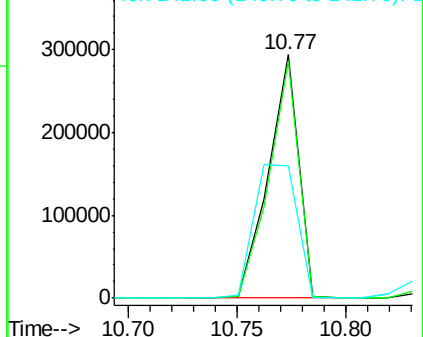
Lab File: BF084760.D

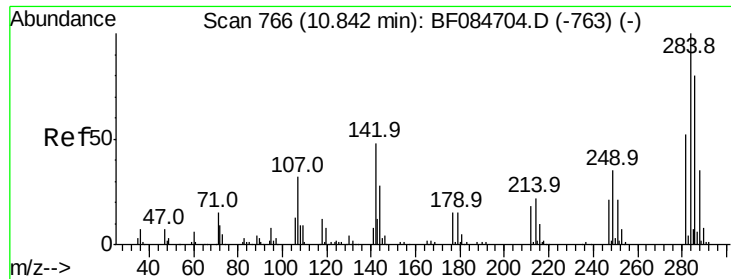
Acq: 2 Feb 2016 21:55

Tgt Ion:	248	Resp:	286119
Ion Ratio	Lower	Upper	
248	100		
250	97.2	78.4	117.6
141	54.2	44.0	66.0



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





#67

Hexachlorobenzene

Concen: 37.30 ng

RT: 10.83 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

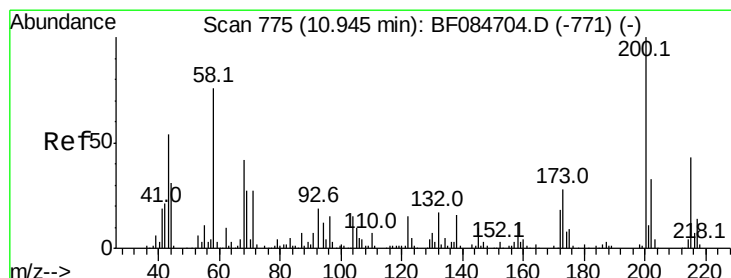
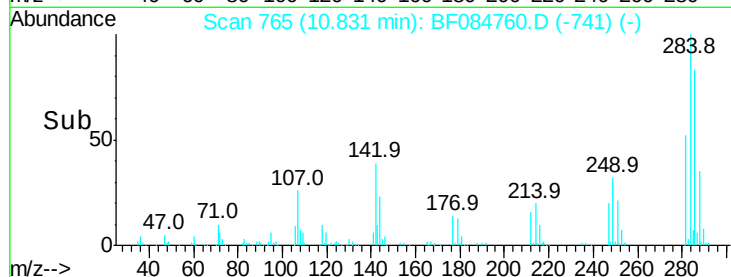
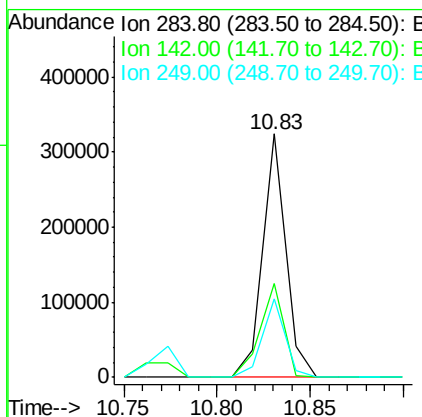
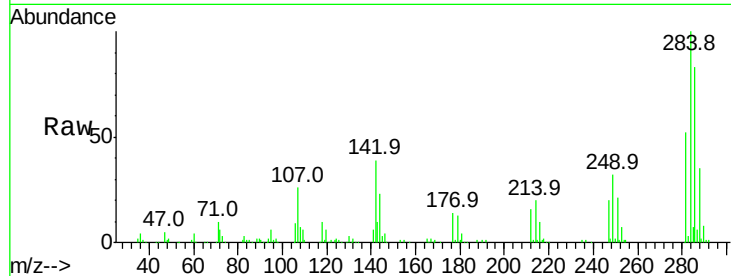
ClientSampleId :

SSTDCCC040EC

Tot Ion:	284	Resp:	275318
Ion Ratio		Lower	Upper
284	100		
142	38.6	22.2	33.4#
249	32.5	24.6	37.0

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#68

Atrazine

Concen: 35.61 ng

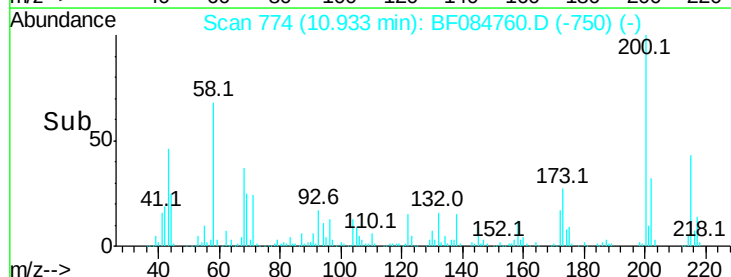
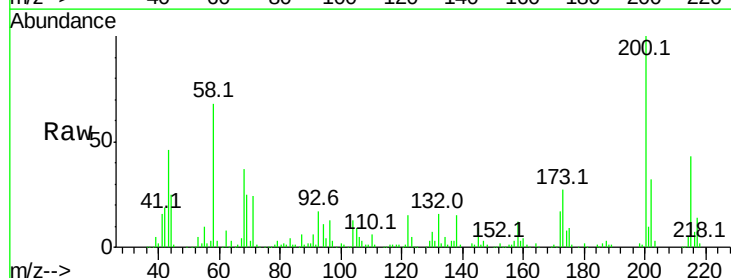
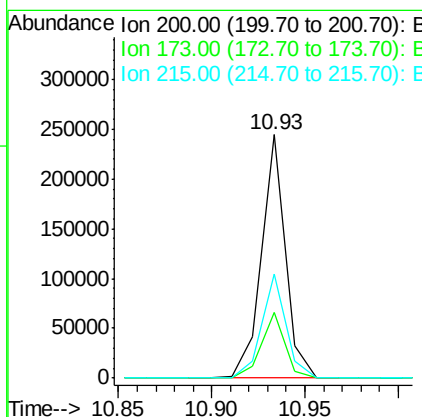
RT: 10.93 min Scan# 774

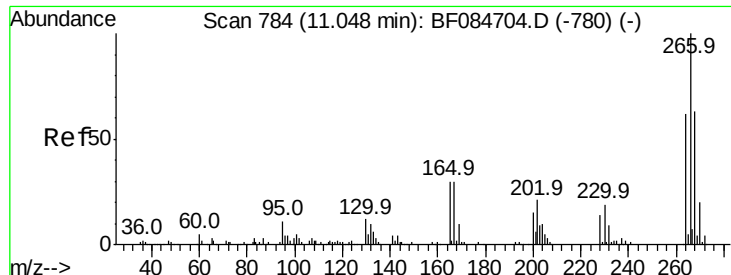
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	200	Resp:	218983
Ion Ratio		Lower	Upper
200	100		
173	27.1	9.5	49.5
215	42.6	23.8	63.8





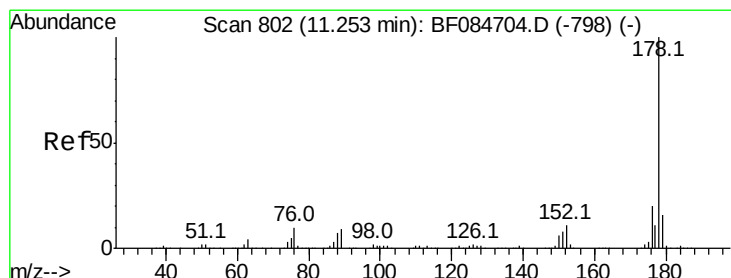
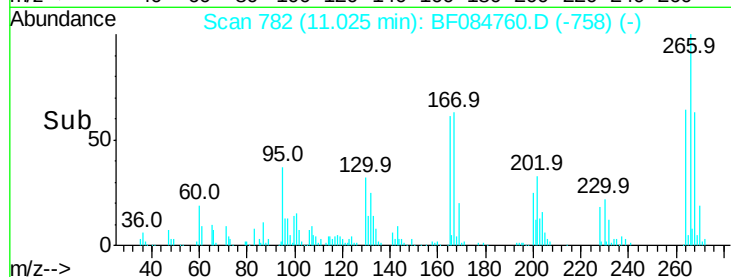
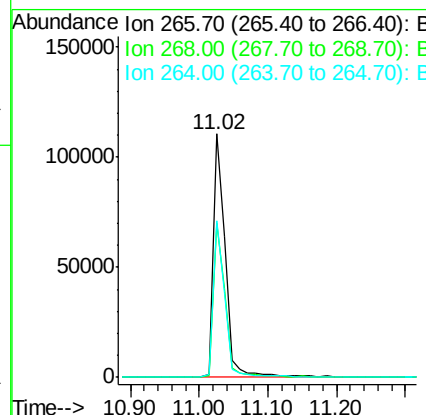
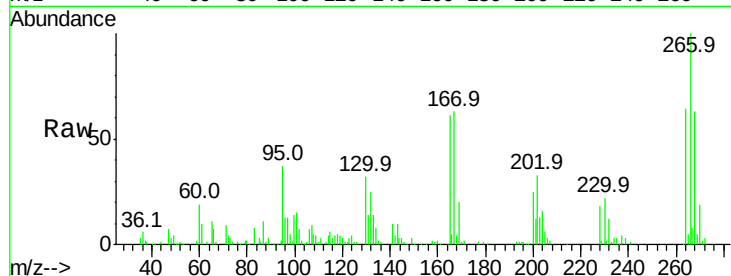
#69
 Pentachlorophenol
 Concen: 39.23 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
266	100	136075		
268	63.1		52.4	78.6
264	64.1		50.2	75.2

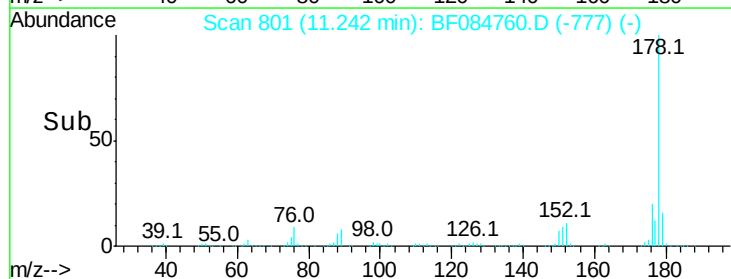
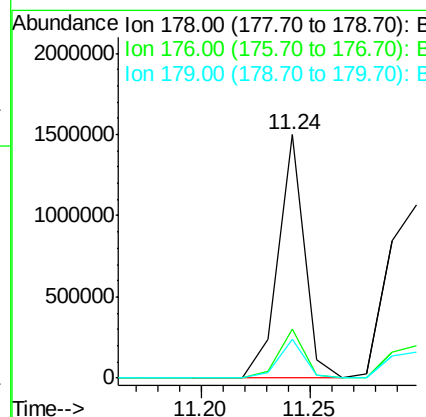
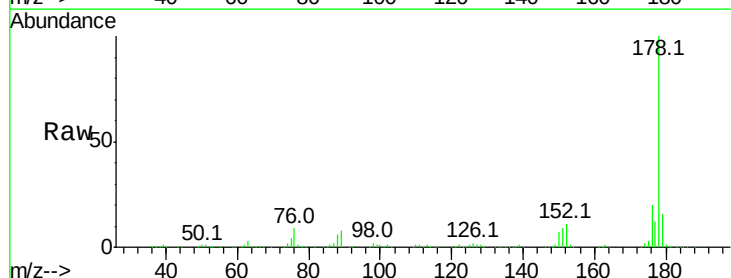
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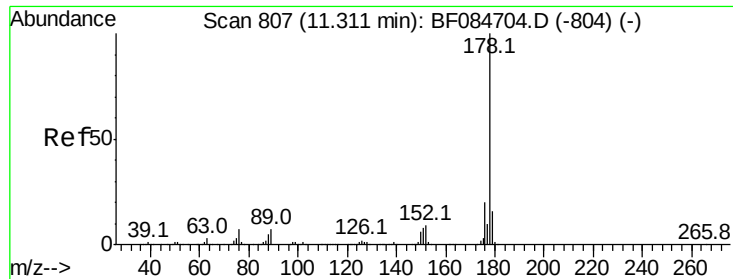
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#70
 Phenanthrene
 Concen: 37.33 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1270017		
176	20.3		15.3	22.9
179	15.8		12.0	18.0





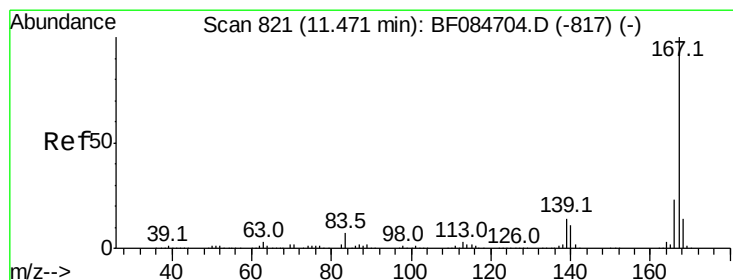
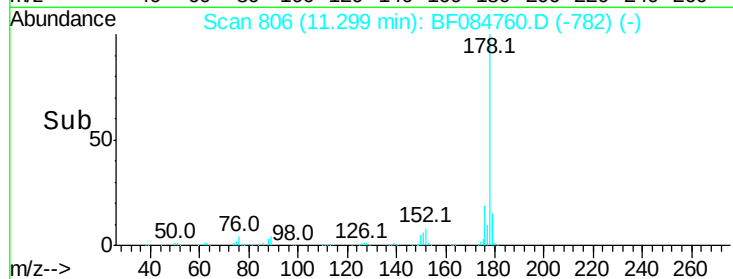
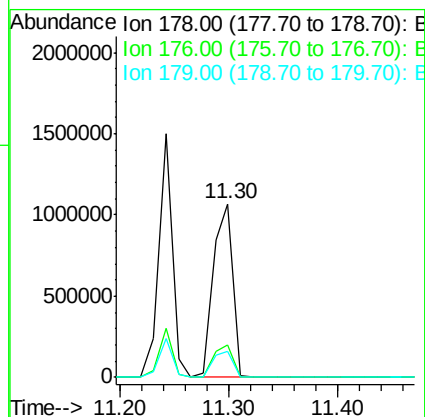
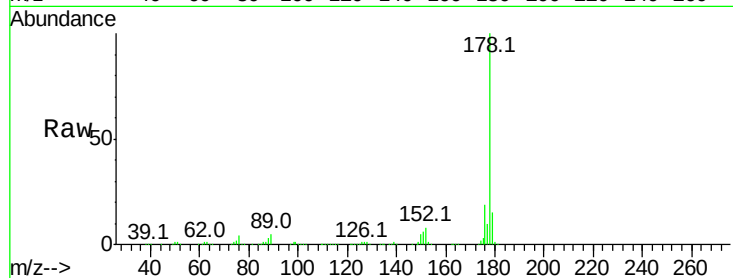
#71
 Anthracene
 Concen: 39.07 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:178 Resp: 1339269
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.0
 179 15.2 12.5 18.7

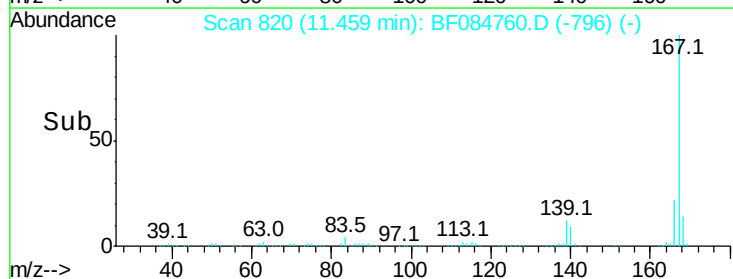
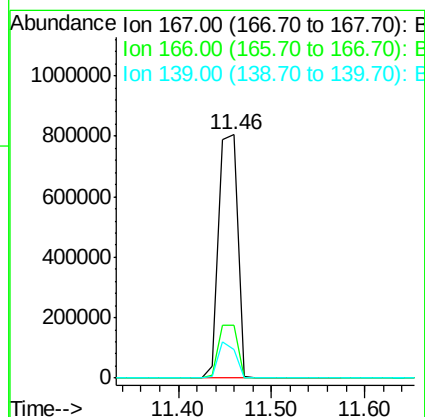
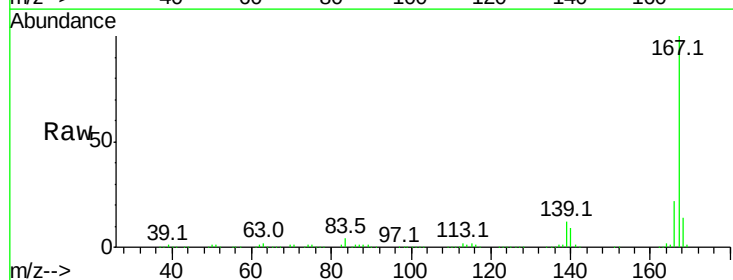
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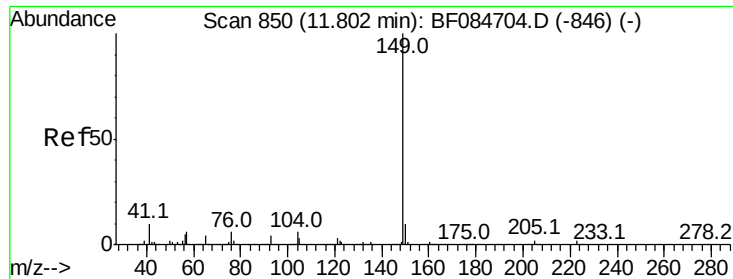
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#72
 Carbazole
 Concen: 37.81 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion:167 Resp: 1130050
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 11.9 11.8 17.8





#73

Di-n-butylphthalate

Concen: 37.50 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1426810

Ion Ratio Lower Upper

149 100

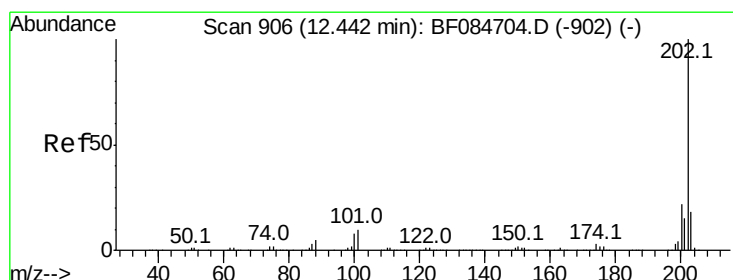
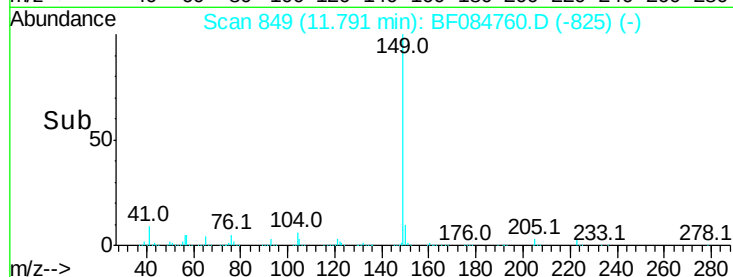
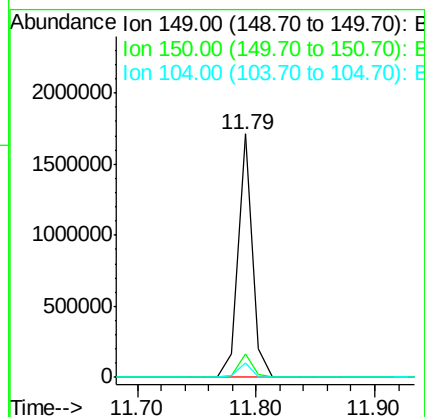
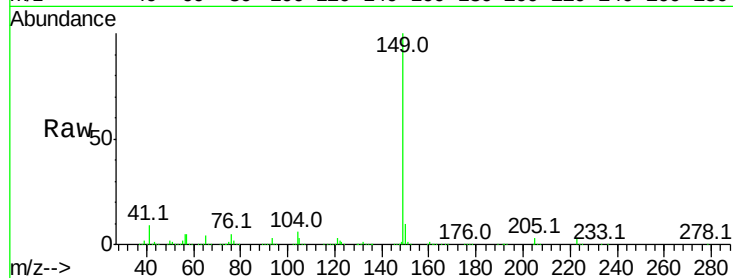
150 9.6 7.1 10.7

104 5.7 3.2 4.8#

Manual Integrations
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#74

Fluoranthene

Concen: 38.73 ng

RT: 12.43 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

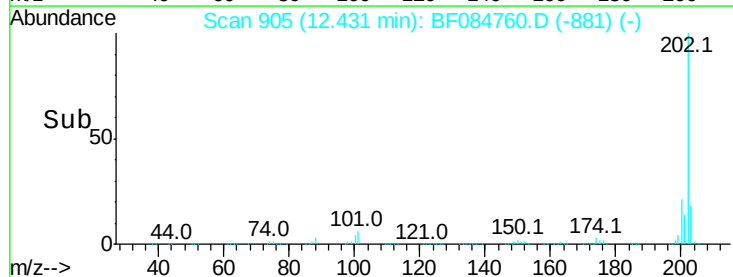
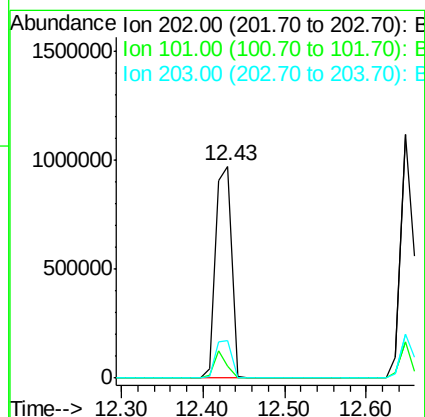
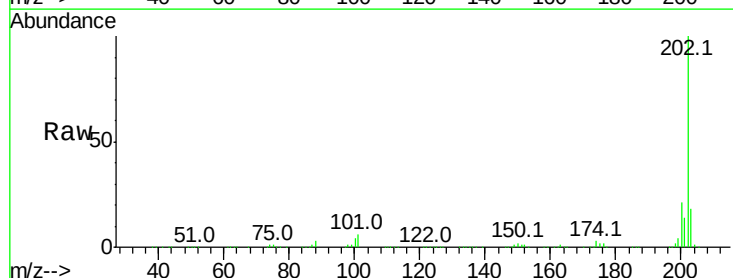
Tgt Ion:202 Resp: 1333562

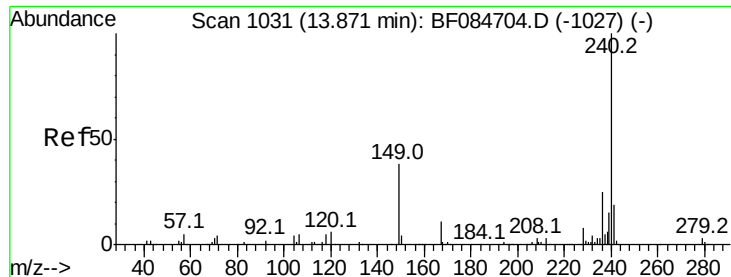
Ion Ratio Lower Upper

202 100

101 5.9 0.0 32.8

203 17.8 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Instrument :

BNA_F

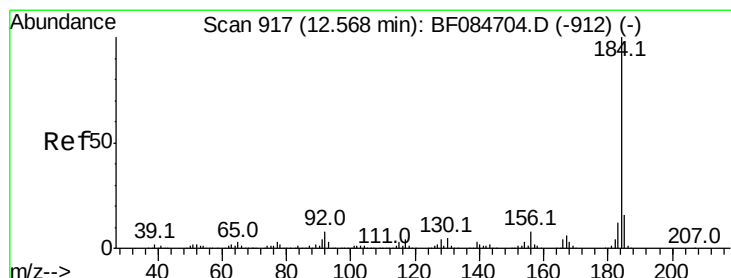
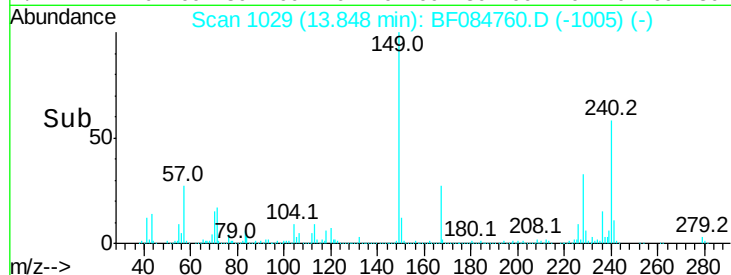
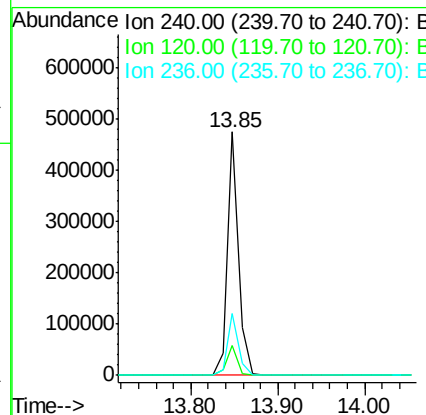
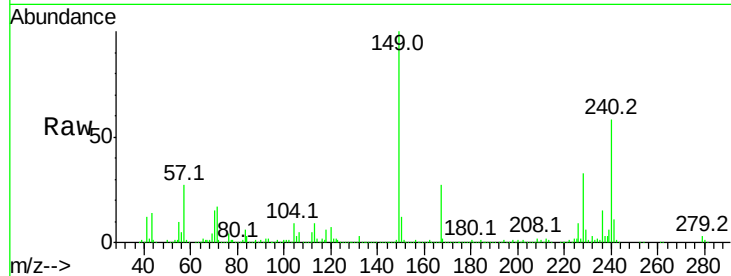
ClientSampleId :

SSTDCCC040EC

Tot Ion:	240	Resp:	425701
Ion Ratio	Lower	Upper	
240	100		
120	12.0	9.5	14.3
236	25.6	20.6	31.0

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#76

Benzidine

Concen: 43.56 ng

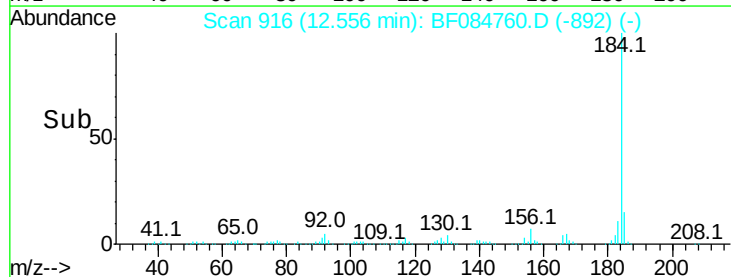
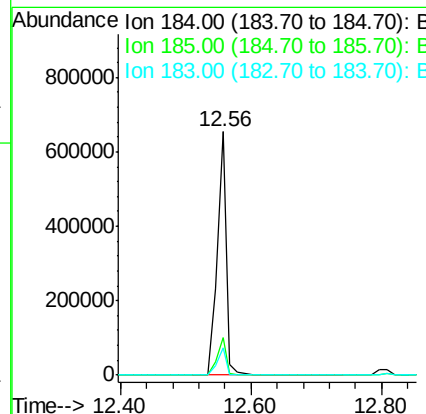
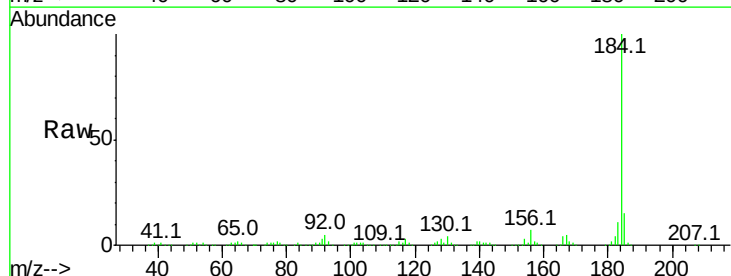
RT: 12.56 min Scan# 916

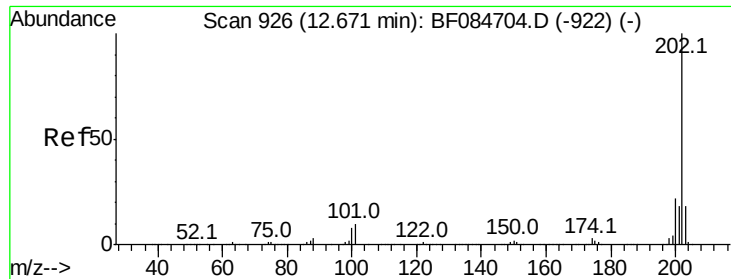
Delta R.T. -0.02 min

Lab File: BF084760.D

Acq: 2 Feb 2016 21:55

Tgt Ion:	184	Resp:	644687
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.2	18.2
183	11.4	9.8	14.8





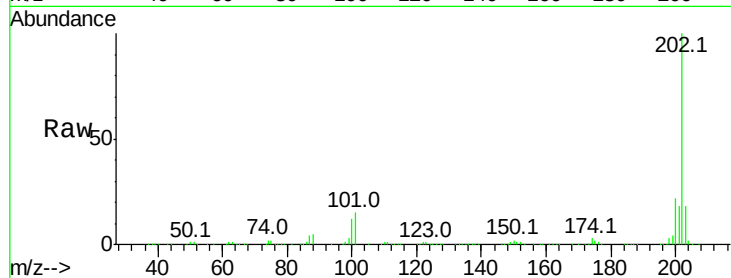
#77
Pvrene
Concen: 37.66 ng
RT: 12.65 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.2	25.8
203	18.2	14.3	21.5

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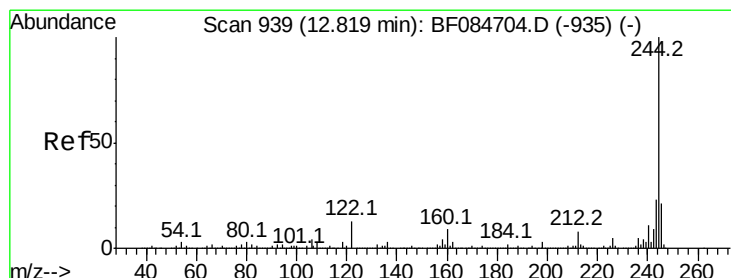
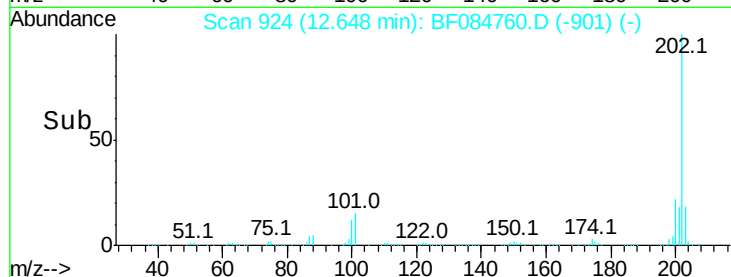
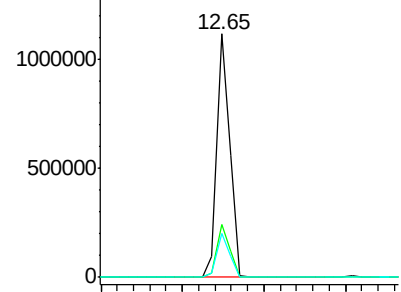


Abundance

Ion 202.00 (201.70 to 202.70): E

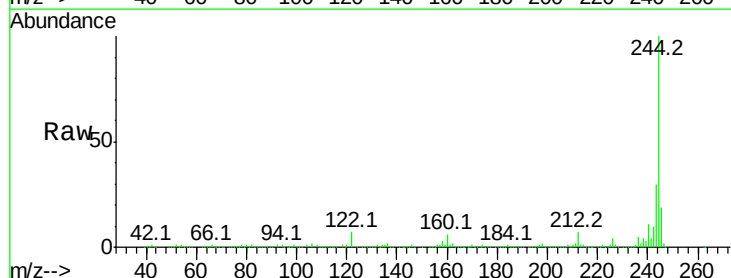
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 87.36 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	7.2	7.4	11.0#

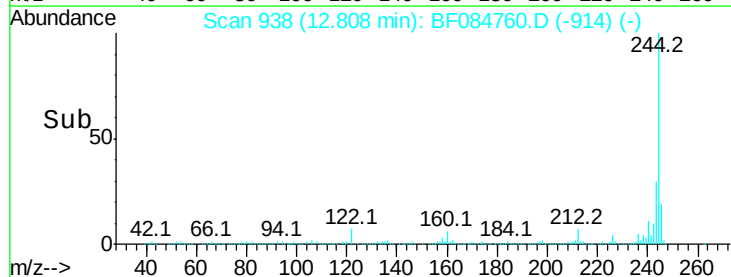
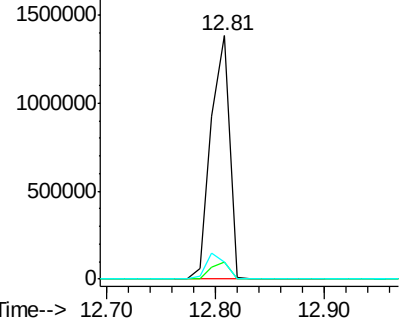


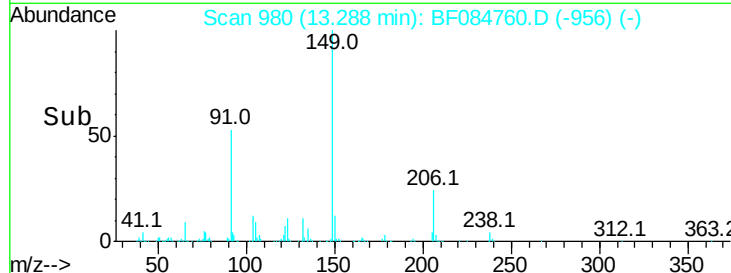
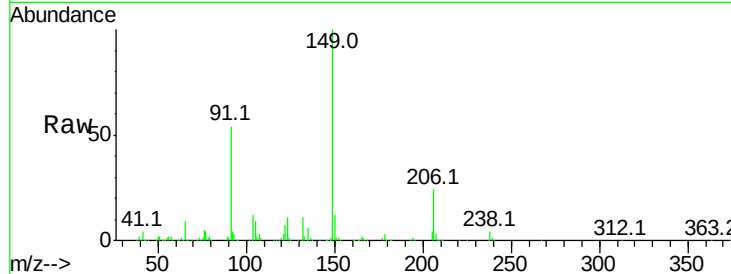
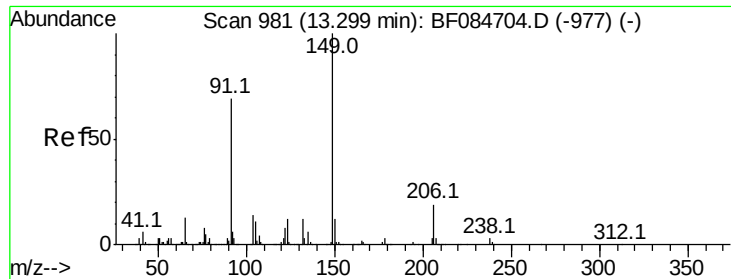
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





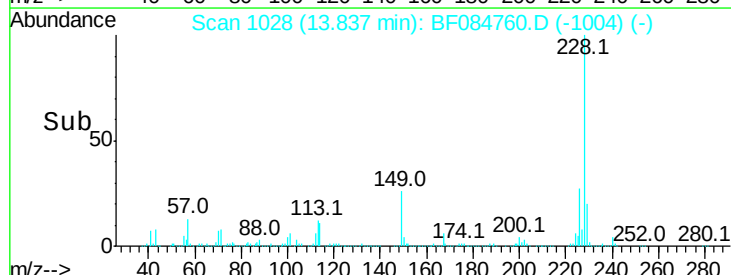
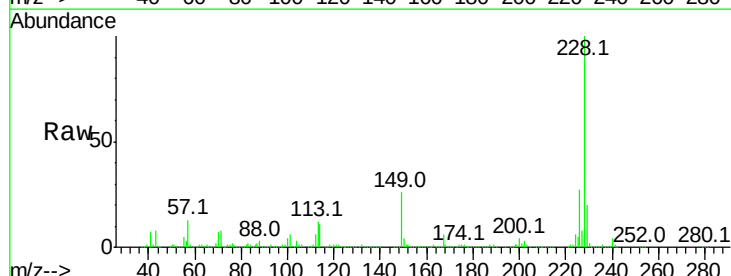
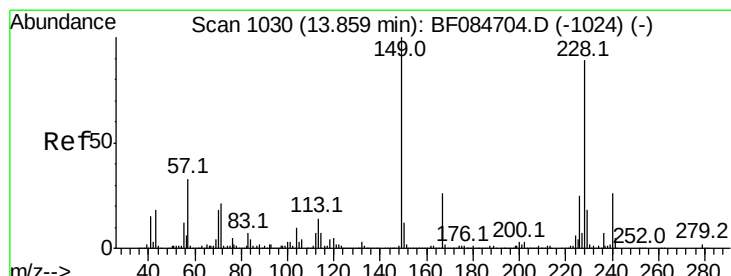
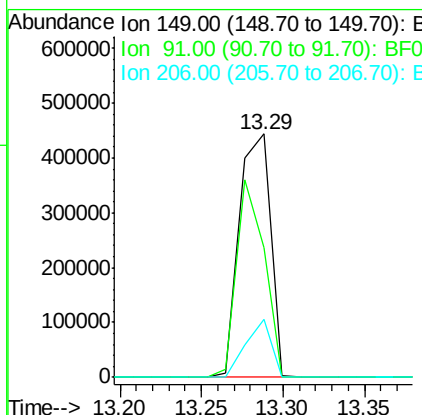
#79
Butylbenzylphthalate
Concen: 39.75 ng
RT: 13.29 min Scan# 980
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tot Ion	Ratio	Resp	Lower	Upper
149	100	587793		
91	53.5		57.6	86.4#
206	24.1		13.2	19.8#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

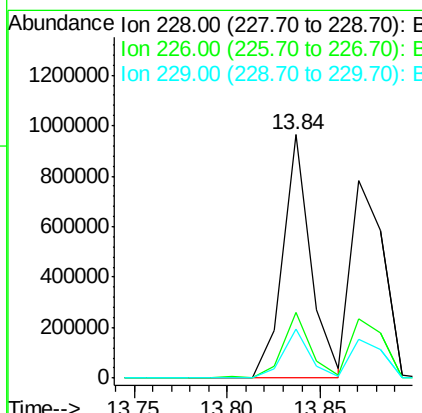
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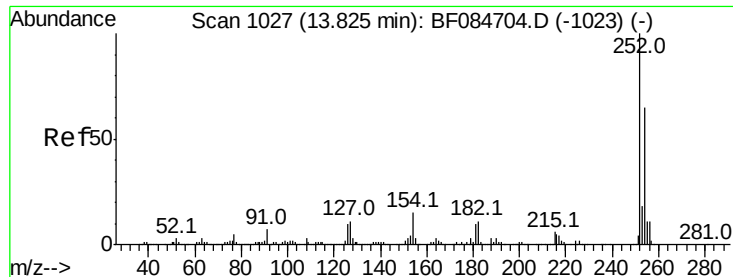
MMDadoda
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#80
Benzo(a)anthracene
Concen: 37.99 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1003882		
226	27.2		21.8	32.6
229	20.1		15.8	23.8





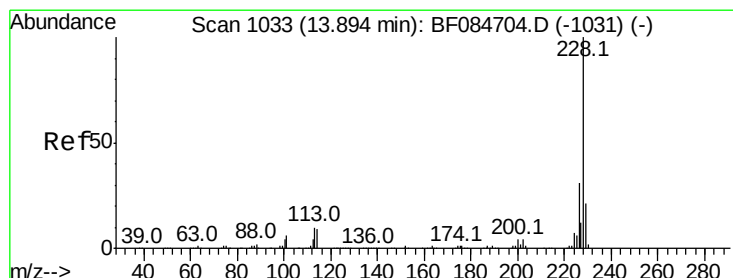
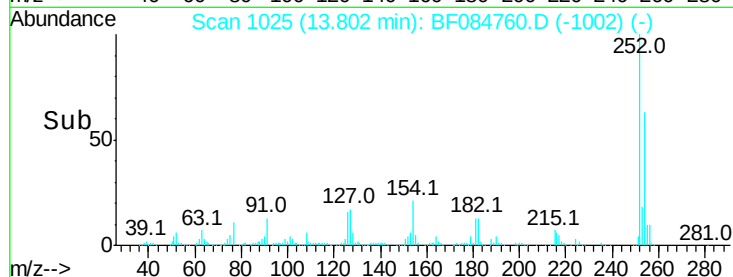
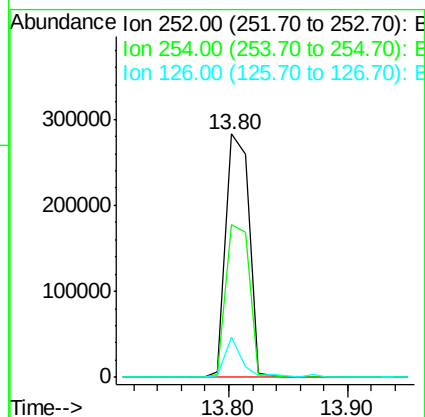
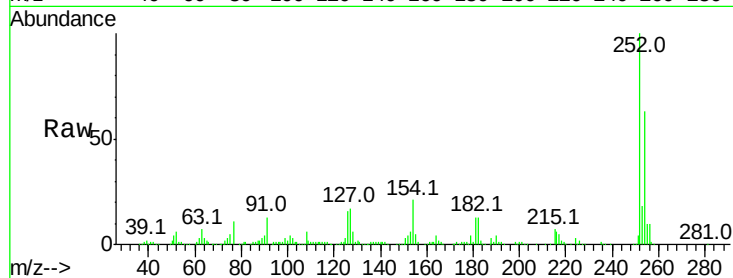
#81
 3,3'-Dichlorobenzidine
 Concen: 40.98 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	53.5	80.3
126	16.4	4.9	7.3

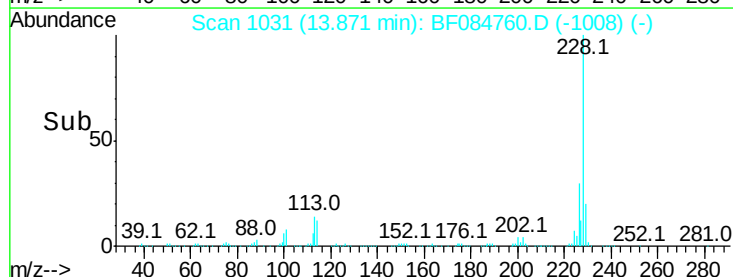
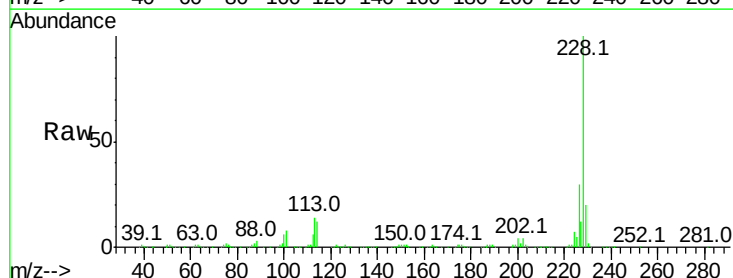
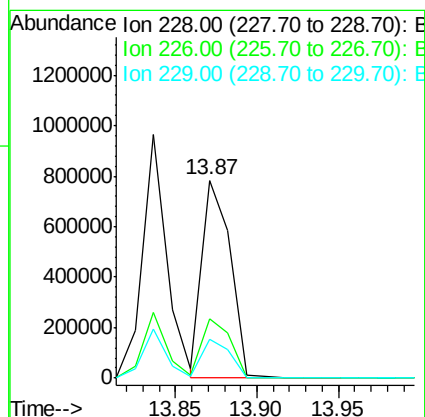
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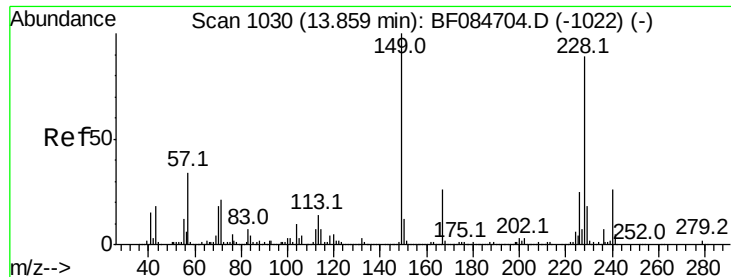
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#82
 Chrysene
 Concen: 37.18 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.7	24.3	36.5
229	19.7	16.1	24.1





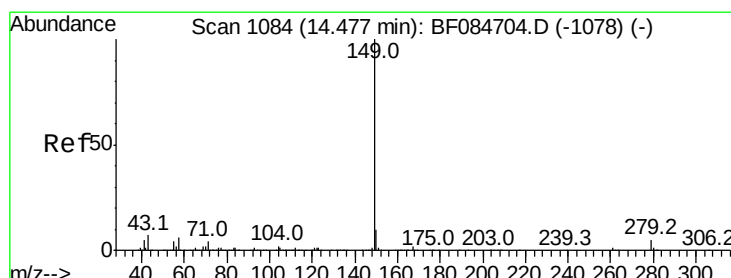
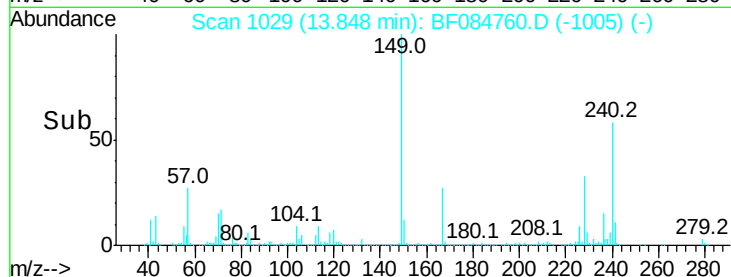
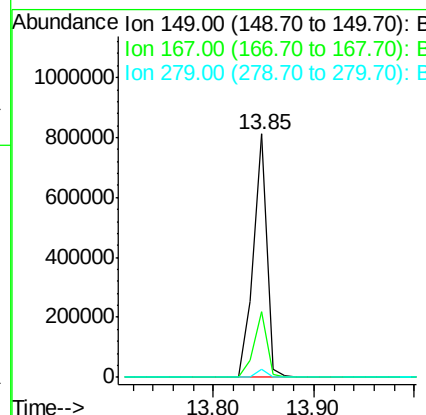
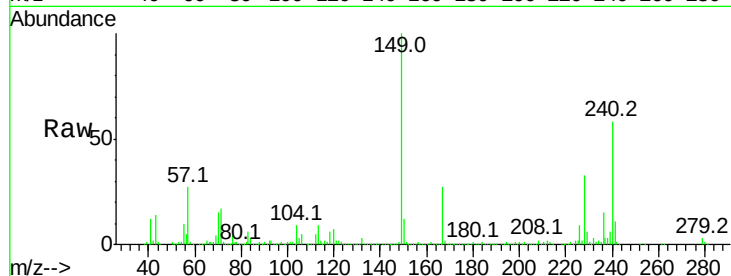
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.26 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleID :
 SSTDCCC040EC

Tot Ion:	149	Resp:	759183
Ion Ratio		Lower	Upper
149	100		
167	27.1	19.7	29.5
279	3.2	1.8	2.6#

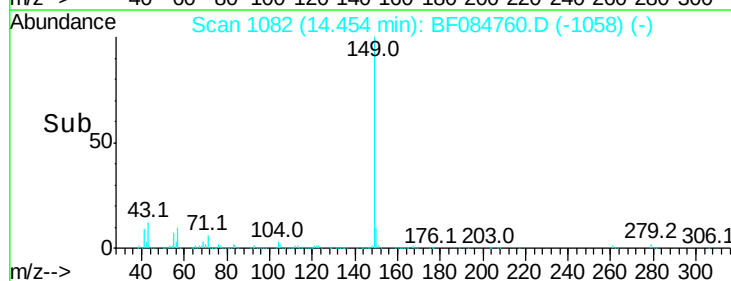
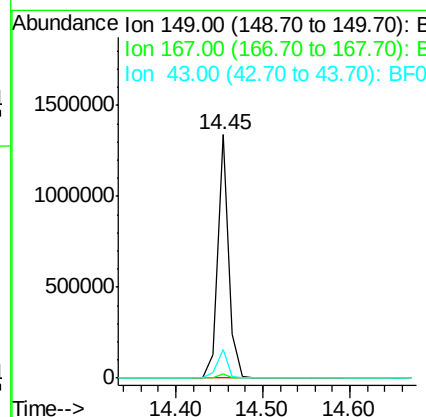
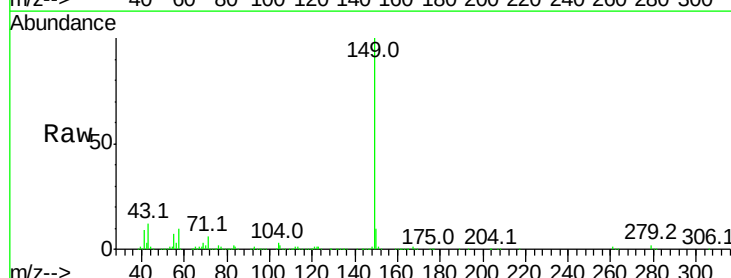
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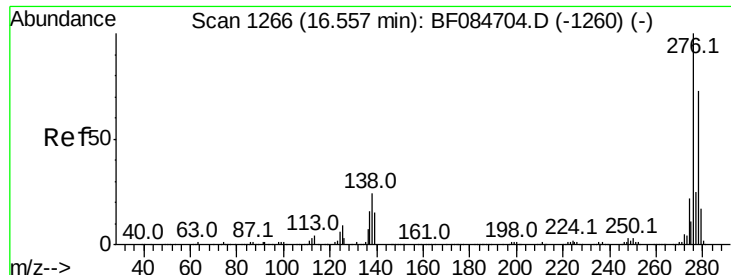
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#84
 Di-n-octyl phthalate
 Concen: 39.00 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion:	149	Resp:	1183814
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	11.7	5.6	8.4#





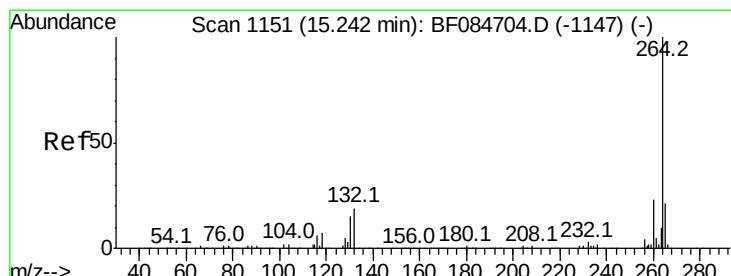
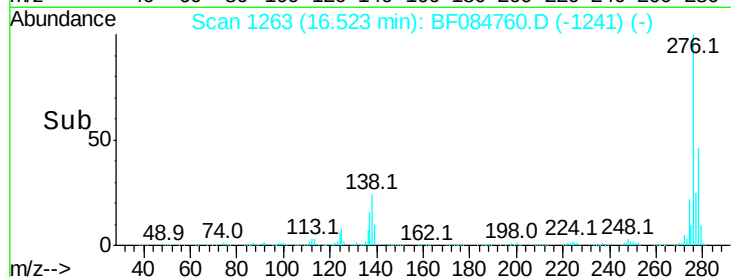
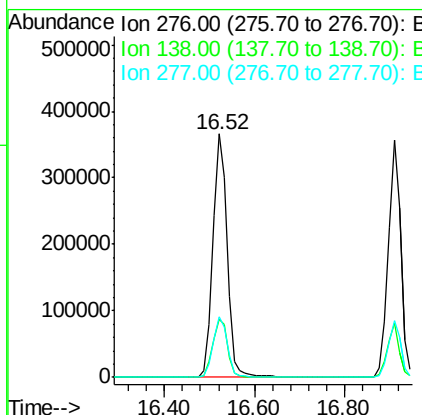
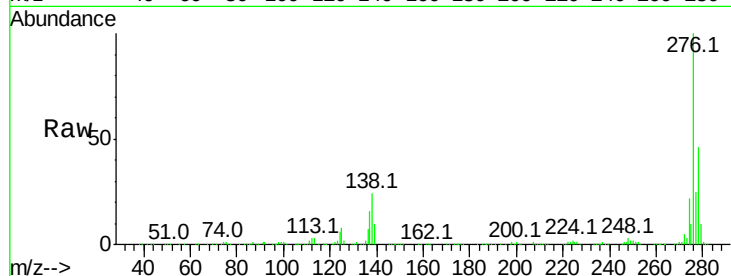
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.49 ng
 RT: 16.52 min Scan# 1263
 Delta R.T. -0.05 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.6	30.8
277	25.0	20.1	30.1

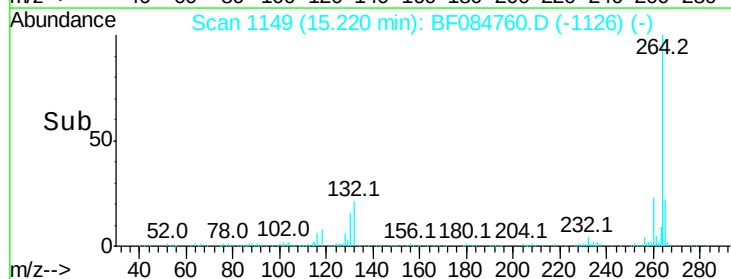
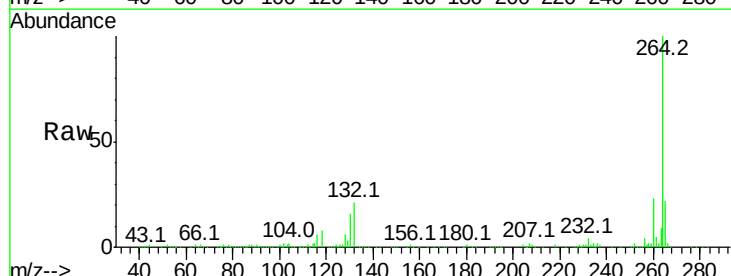
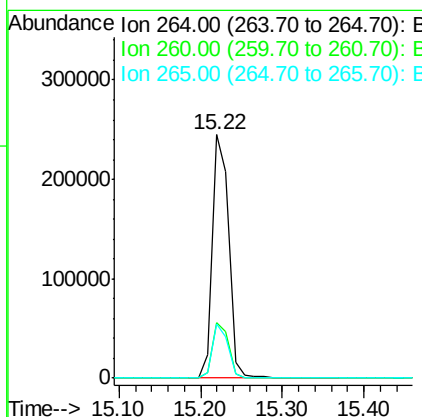
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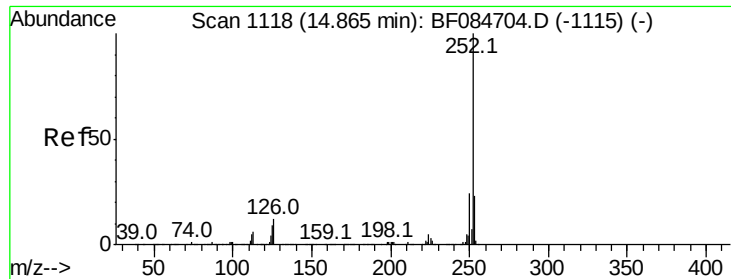
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.2
265	22.4	17.8	26.6





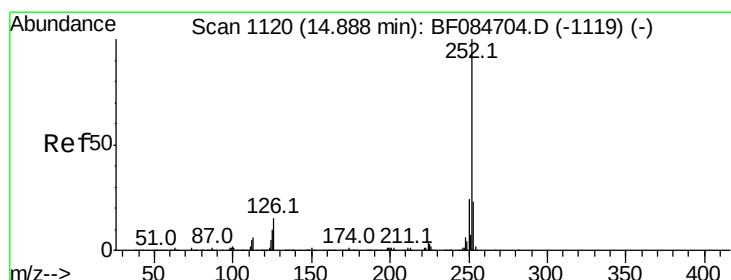
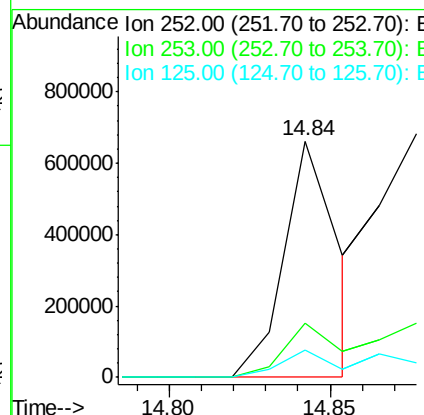
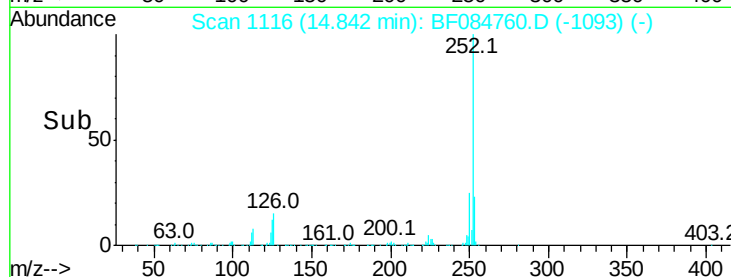
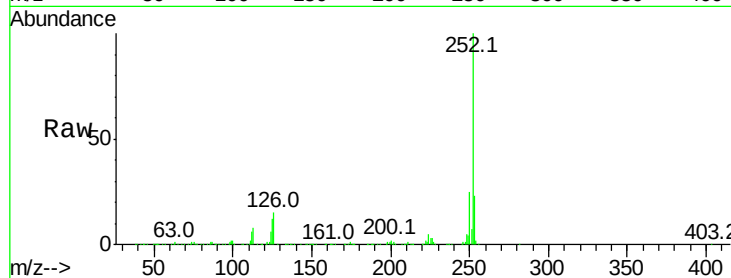
#87
Benzo(b)fluoranthene
Concen: 33.57 ng m
RT: 14.84 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.5	6.5	9.7

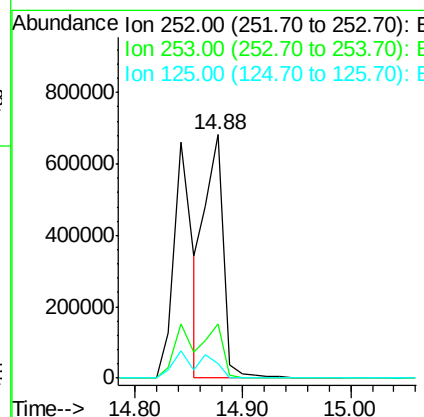
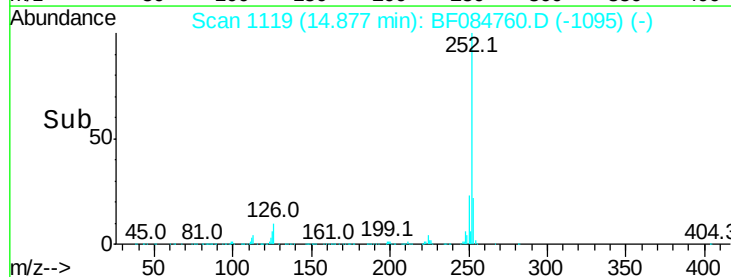
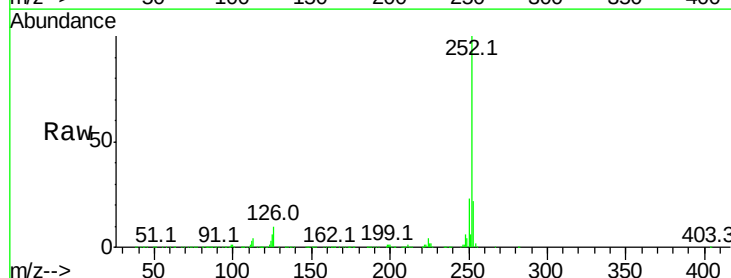
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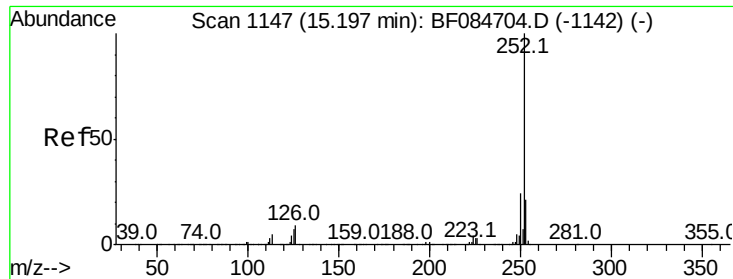
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#88
Benzo(k)fluoranthene
Concen: 44.18 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	6.2	9.0	13.6





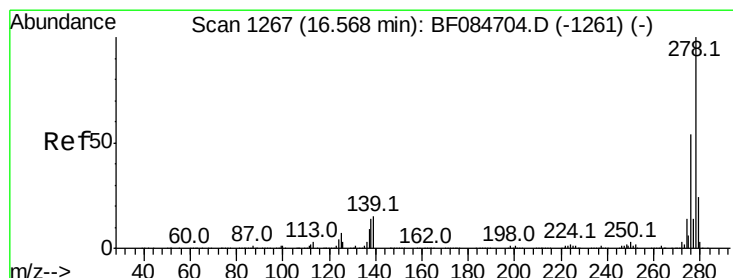
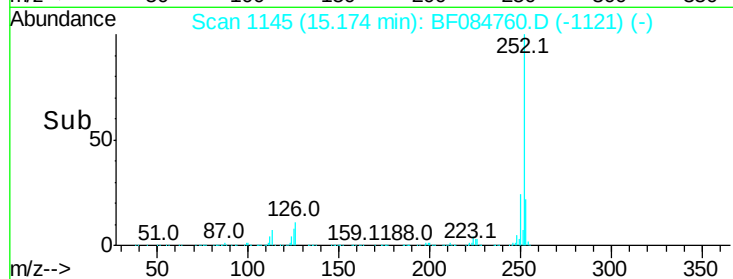
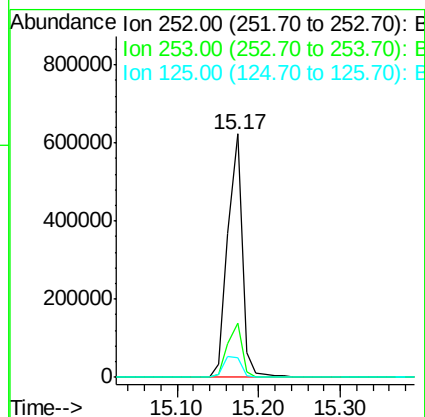
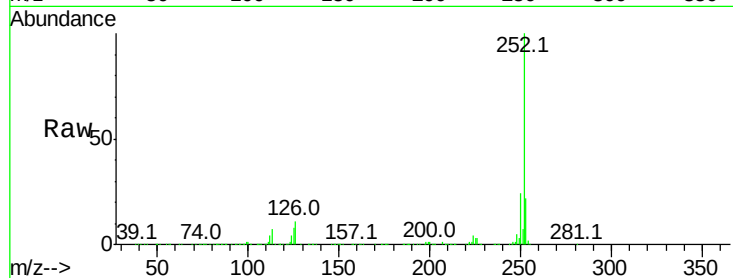
#89
Benzo(a)pyrene
Concen: 38.89 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	8.1	7.0	10.4

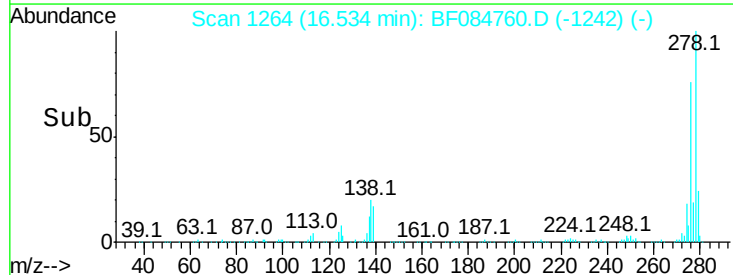
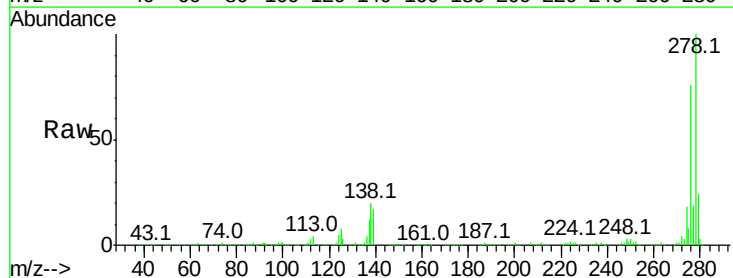
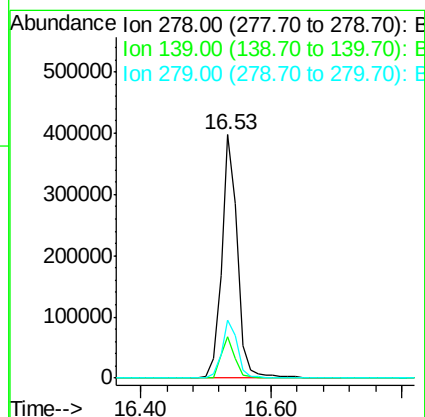
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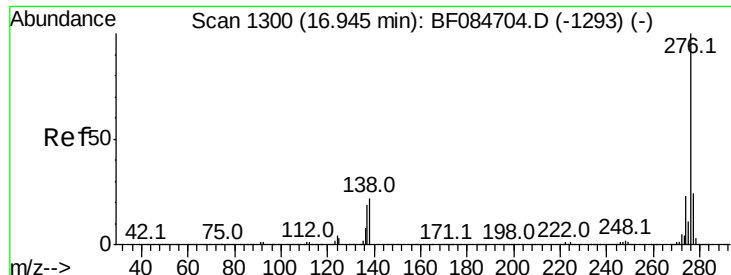
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#90
Dibenzo(a,h)anthracene
Concen: 40.72 ng
RT: 16.53 min Scan# 1264
Delta R.T. -0.05 min
Lab File: BF084760.D
Acq: 2 Feb 2016 21:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.0	22.4
279	23.6	18.9	28.3





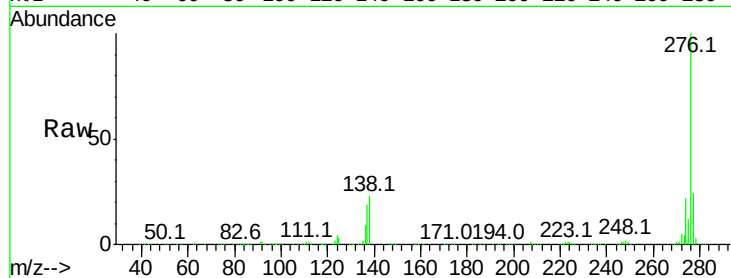
#91
 Benzo(a,h,i)perylene
 Concen: 42.16 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.05 min
 Lab File: BF084760.D
 Acq: 2 Feb 2016 21:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.9	18.8	28.2	
138	22.7	17.8	26.6	

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

