

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080739.D
 Acq On : 31 Jul 2015 17:46
 Operator : TP/UM
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:56:12 AM

Quant Time: Aug 01 01:41:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	180141	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	691867	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	342069	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	604867	20.00	ng	0.00
75) Chrysene-d12	14.00	240	375931	20.00	ng	0.00
86) Perylene-d12	15.41	264	369674	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	824008	78.47	ng	0.00
7) Phenol-d6	6.49	99	1169353	81.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	1184438	82.90	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	280765	79.10	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1772294	77.30	ng	0.00
78) Terphenyl-d14	12.96	244	1627308	81.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	199681	38.56	ng	100
3) Pyridine	3.22	79	582321	40.53	ng	98
4) n-Nitrosodimethylamine	3.17	42	340230	41.42	ng	99
6) Aniline	6.52	93	798455	38.80	ng	97
8) 2-Chlorophenol	6.64	128	443734	37.70	ng	99
9) Benzaldehyde	6.40	77	333094	37.16	ng	87
10) Phenol	6.50	94	710264	42.93	ng	97
11) bis(2-Chloroethyl)ether	6.59	93	427828	36.20	ng	98
12) 1,3-Dichlorobenzene	6.80	146	527116	40.23	ng	99
13) 1,4-Dichlorobenzene	6.88	146	562359	42.07	ng	99
14) 1,2-Dichlorobenzene	7.02	146	454895	37.23	ng	98
15) Benzyl Alcohol	7.00	79	407849	34.35	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	997278	39.50	ng	99
17) 2-Methylphenol	7.10	107	374283	38.74	ng	97
18) Hexachloroethane	7.37	117	195446	39.18	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	371257	38.56	ng	99
20) 3+4-Methylphenols	7.26	107	475662	39.90	ng	99
22) Acetophenone	7.26	105	620478	37.15	ng	98
24) Nitrobenzene	7.44	77	502223	35.09	ng	99
25) Isophorone	7.68	82	982744	38.68	ng	99
26) 2-Nitrophenol	7.76	139	256399m	44.13	ng	
27) 2,4-Dimethylphenol	7.79	122	439678	40.28	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	608647	40.44	ng	99
29) 2,4-Dichlorophenol	8.00	162	381755	39.35	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	400232	37.83	ng	99
31) Naphthalene	8.16	128	1236958	35.82	ng	100
32) Benzoic acid	7.90	122	279657	36.61	ng	97
33) 4-Chloroaniline	8.21	127	560306	38.45	ng	98
34) Hexachlorobutadiene	8.28	225	273176	39.99	ng	98
35) Caprolactam	8.59	113	120730	41.55	ng	# 76
36) 4-Chloro-3-methylphenol	8.69	107	448233	42.85	ng	90
37) 2-Methylnaphthalene	8.85	142	875543	40.39	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	363176	33.81	ng	99
40) Hexachlorocyclopentadiene	9.00	237	243613	36.86	ng	97

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

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 8/3/2015 11:56:12 AM

Quant Time: Aug 01 01:41:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	260349m	34.84	ng	
43) 2,4,5-Trichlorophenol	9.16	196	300027m	40.48	ng	
45) 1,1'-Biphenyl	9.32	154	921250	35.12	ng	99
46) 2-Chloronaphthalene	9.34	162	781134	36.46	ng	98
47) 2-Nitroaniline	9.44	65	330175	39.61	ng	99
48) Acenaphthylene	9.76	152	1349208	39.61	ng	100
49) Dimethylphthalate	9.62	163	907144	37.63	ng	99
50) 2,6-Dinitrotoluene	9.68	165	193644	37.85	ng	97
51) Acenaphthene	9.93	154	825587	39.73	ng	99
52) 3-Nitroaniline	9.85	138	231778	39.26	ng	86
53) 2,4-Dinitrophenol	9.94	184	98693	36.22	ng	96
54) Dibenzofuran	10.10	168	1074138	38.64	ng	99
55) 4-Nitrophenol	10.00	139	161448	37.12	ng	84
56) 2,4-Dinitrotoluene	10.08	165	271226	40.43	ng	99
57) Fluorene	10.44	166	818591	37.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	222765	39.85	ng	97
59) Diethylphthalate	10.32	149	900037	38.74	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	384588	41.08	ng	95
61) 4-Nitroaniline	10.45	138	184328	34.58	ng	93
62) Azobenzene	10.59	77	1045371	41.53	ng	98
64) 4,6-Dinitro-2-methylphenol	10.48	198	133814	36.73	ng	92
65) n-Nitrosodiphenylamine	10.54	169	712174	35.92	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	263781	42.25	ng	94
67) Hexachlorobenzene	10.98	284	255129	35.34	ng	95
68) Atrazine	11.07	200	190517	37.74	ng	94
69) Pentachlorophenol	11.17	266	174539	39.95	ng	100
70) Phenanthrene	11.39	178	1056377	34.66	ng	98
71) Anthracene	11.45	178	1237385	41.32	ng	100
72) Carbazole	11.60	167	907279	34.91	ng	100
73) Di-n-butylphthalate	11.94	149	1350237	41.90	ng	99
74) Fluoranthene	12.58	202	1186701	40.28	ng	98
76) Benzidine	12.71	184	518422	37.88	ng	99
77) Pyrene	12.81	202	1199194	41.13	ng	99
79) Butylbenzylphthalate	13.43	149	453753	37.79	ng	92
80) Benzo(a)anthracene	13.99	228	850588	37.62	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	286832	37.17	ng	97
82) Chrysene	14.03	228	832067	37.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	624338	43.01	ng	# 93
84) Di-n-octyl phthalate	14.60	149	1051683	43.21	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	895142	45.22	ng	# 87
87) Benzo(b)fluoranthene	15.01	252	812265	36.78	ng	98
88) Benzo(k)fluoranthene	15.04	252	653179m	35.94	ng	
89) Benzo(a)pyrene	15.36	252	697885	38.50	ng	97
90) Dibenzo(a,h)anthracene	16.82	278	736731	45.40	ng	99
91) Benzo(g,h,i)perylene	17.22	276	745838	46.70	ng	# 94

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

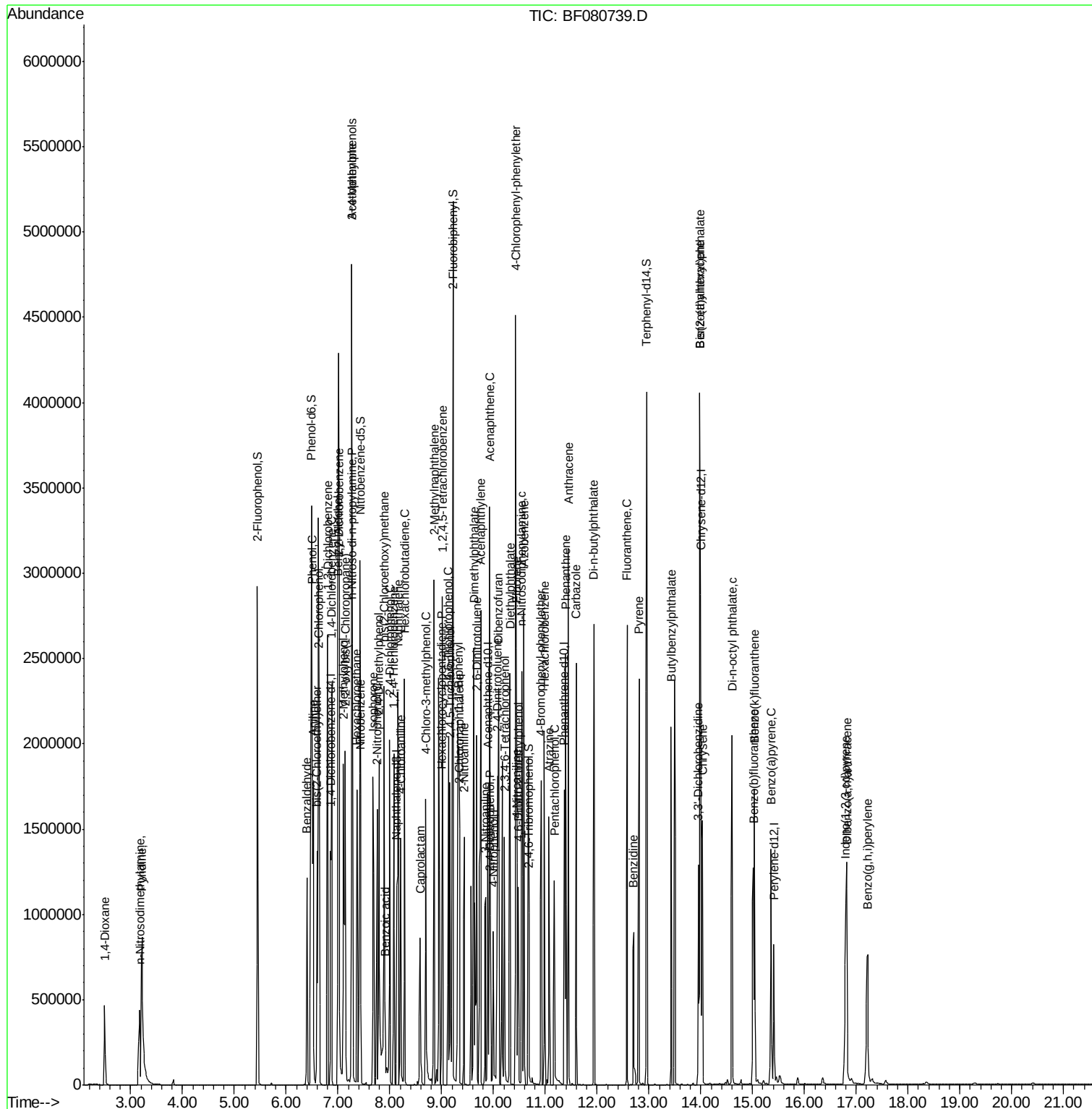
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\  
Data File : BF080739.D  
Acq On    : 31 Jul 2015   17:46  
Operator  : TP/UM  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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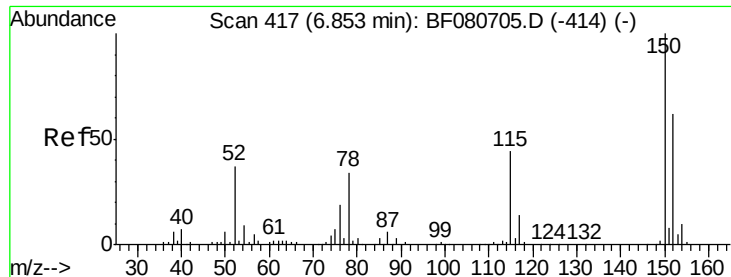
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

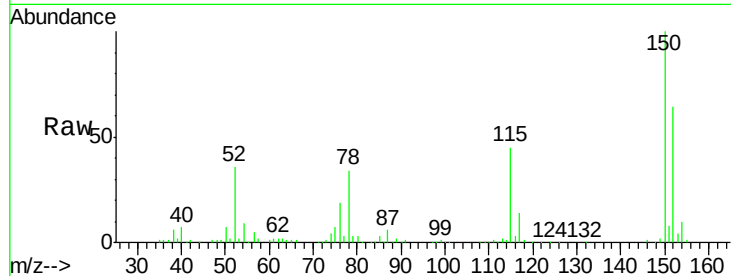
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	129.6	194.4
115	69.9	56.6	85.0

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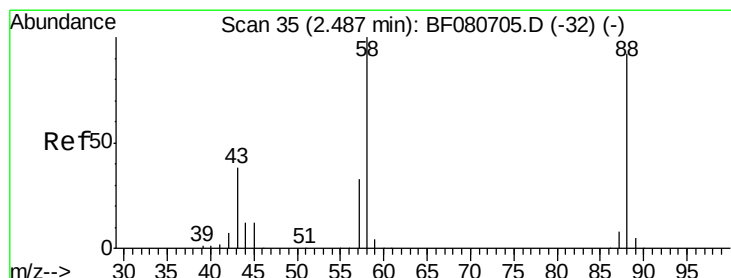
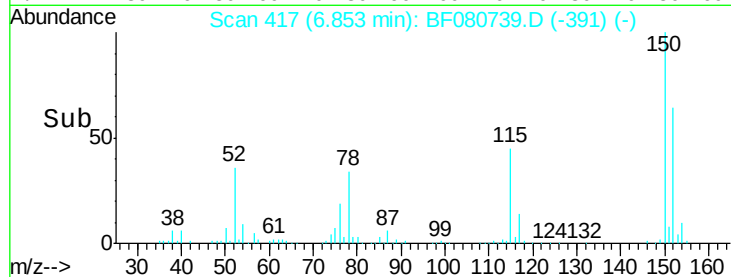
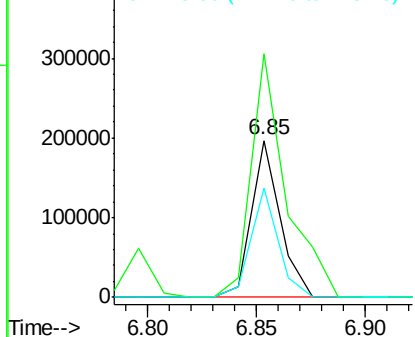


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

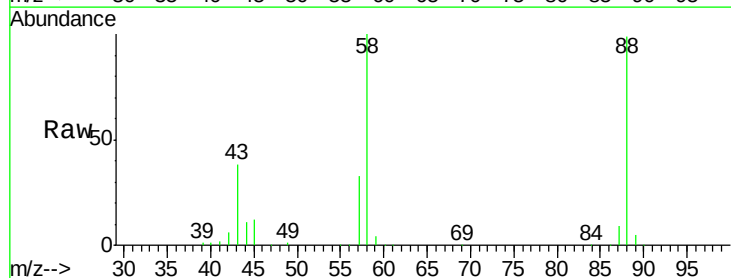
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.56 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.01 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.0	82.3	123.5
43	40.0	31.7	47.5

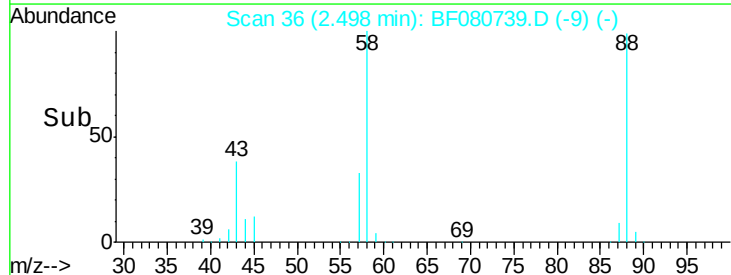
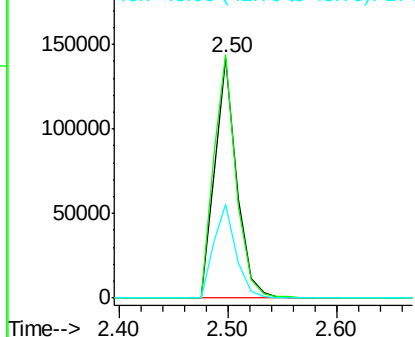


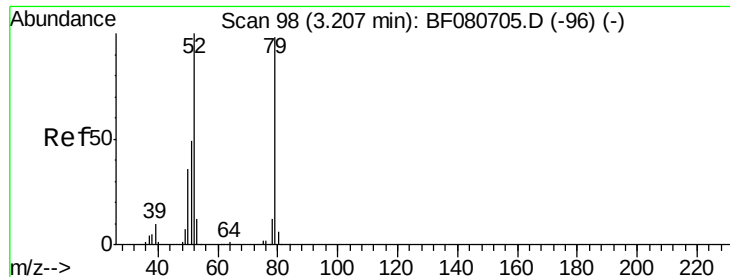
Abundance

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

Pyridine

Concen: 40.53 ng

RT: 3.22 min Scan# 99

Delta R.T. 0.01 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

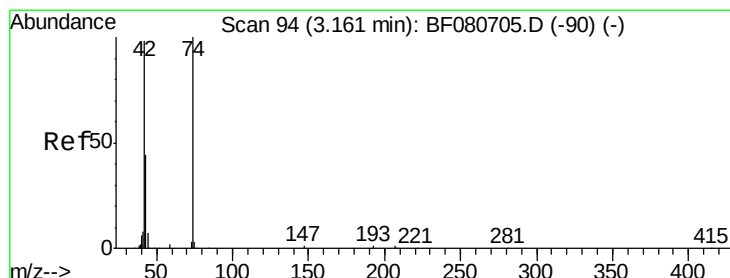
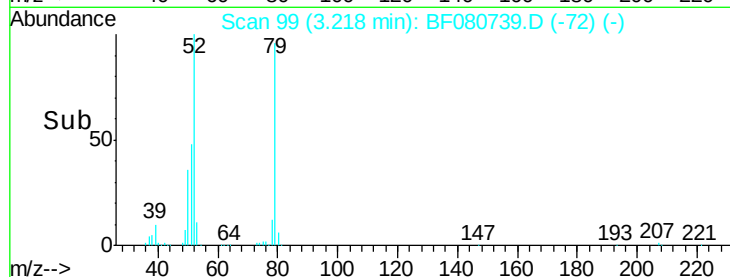
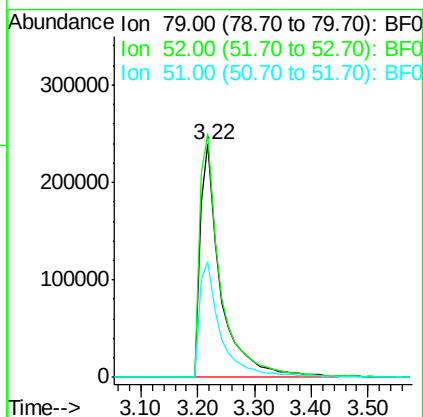
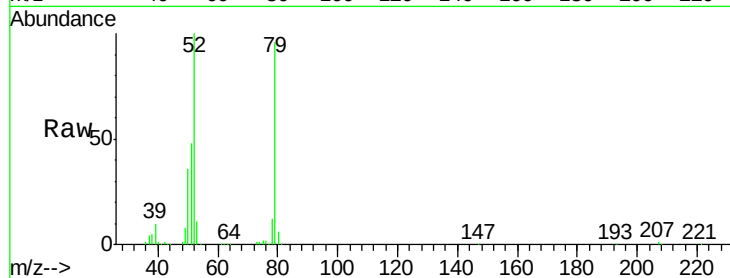
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	582321
Ion	Ratio	Lower	Upper
79	100		
52	104.5	81.6	122.4
51	49.8	40.2	60.2

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#4

n-Nitrosodimethylamine

Concen: 41.42 ng

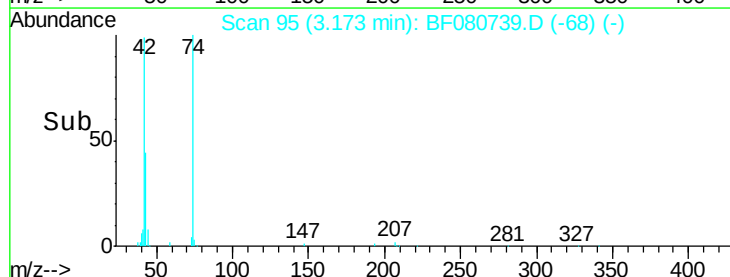
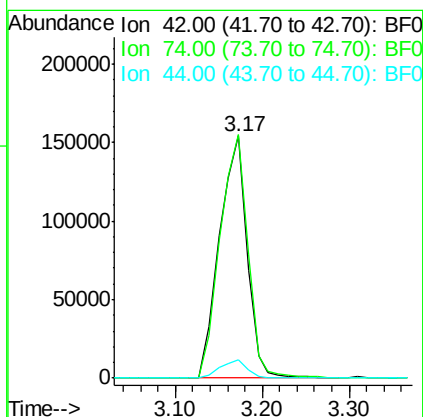
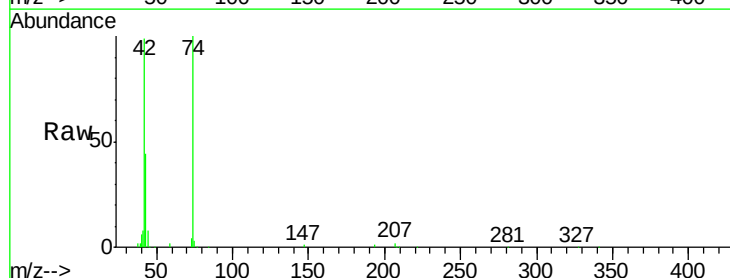
RT: 3.17 min Scan# 95

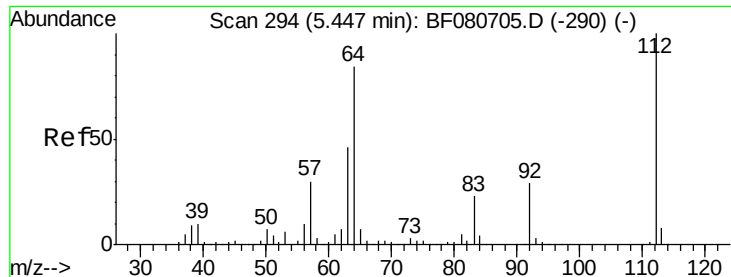
Delta R.T. 0.01 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion:	42	Resp:	340230
Ion	Ratio	Lower	Upper
42	100		
74	100.7	81.5	122.3
44	7.6	5.6	8.4





#5

2-Fluorophenol

Concen: 78.47 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF080739.D

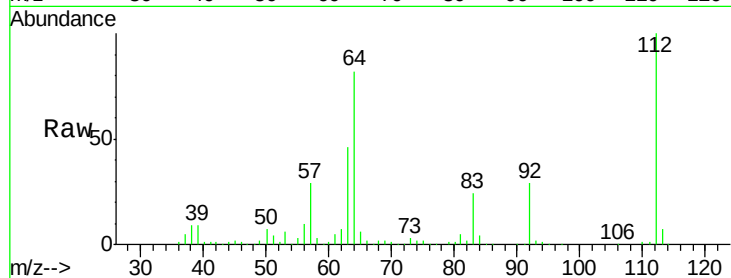
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

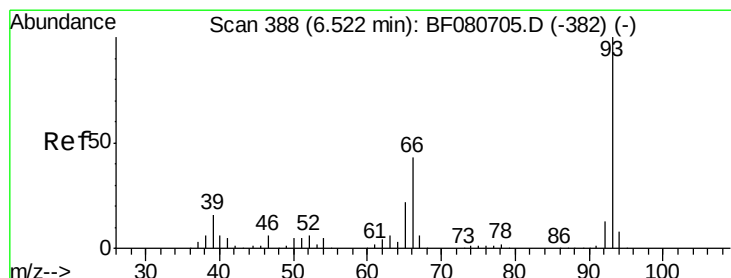
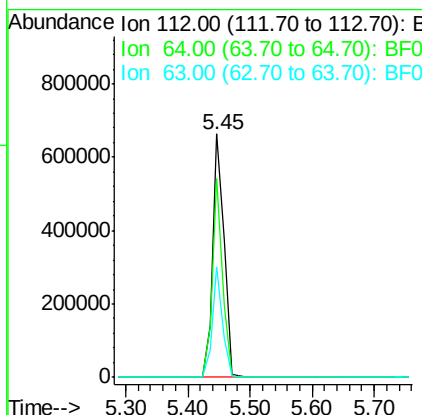
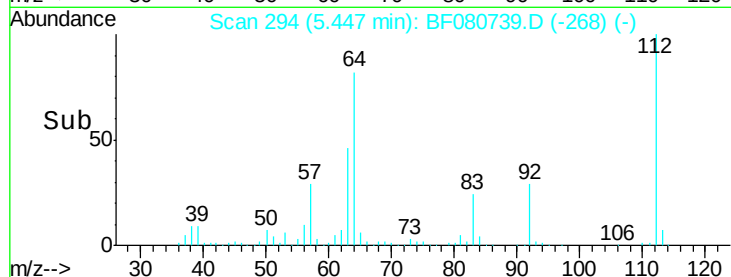
SSTDCCC040EC



Tgt Ion:	112	Resp:	824008
Ion Ratio	Lower	Upper	
112	100		
64	81.8	66.8	100.2
63	45.6	36.7	55.1

Manual Integrations
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#6

Aniline

Concen: 38.80 ng

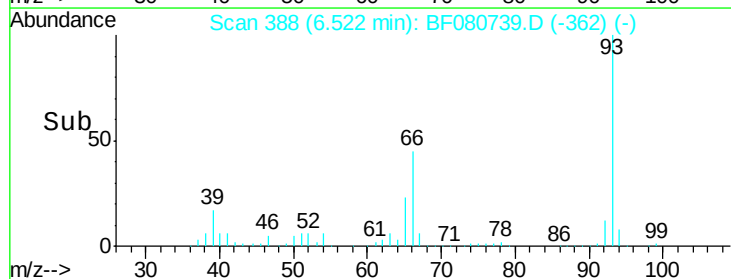
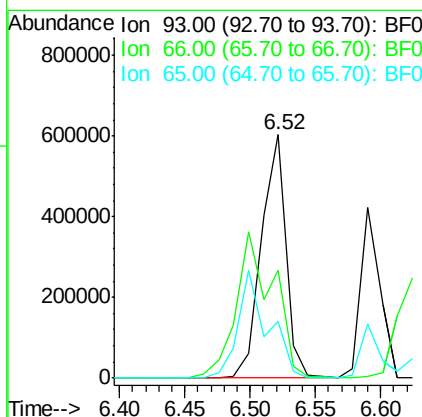
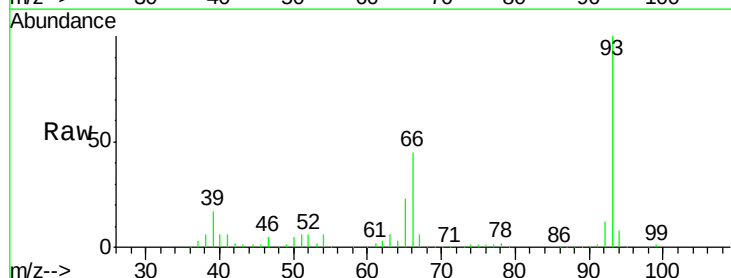
RT: 6.52 min Scan# 388

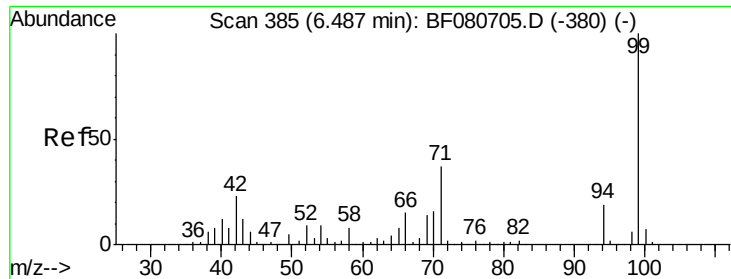
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion:	93	Resp:	798455
Ion Ratio	Lower	Upper	
93	100		
66	44.6	34.3	51.5
65	23.4	17.6	26.4





#7

Phenol-d6

Concen: 81.80 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 99 Resp: 1169353

Ion Ratio Lower Upper

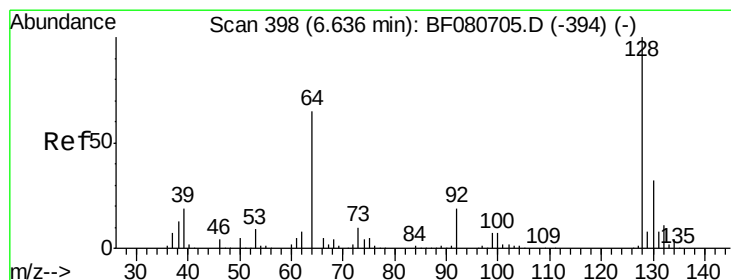
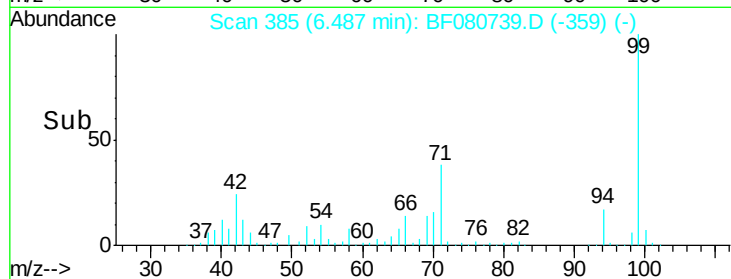
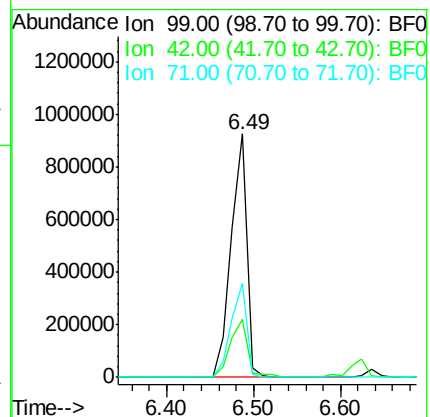
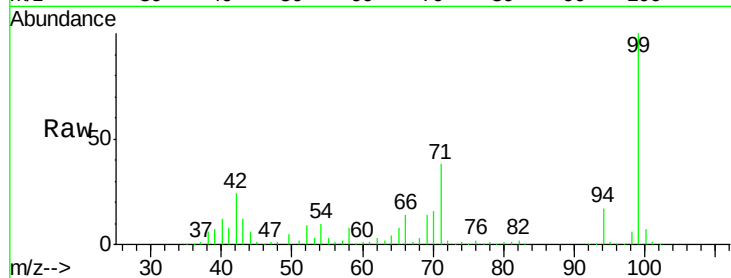
99 100

42 23.8 18.2 27.2

71 38.4 29.5 44.3

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#8

2-Chlorophenol

Concen: 37.70 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

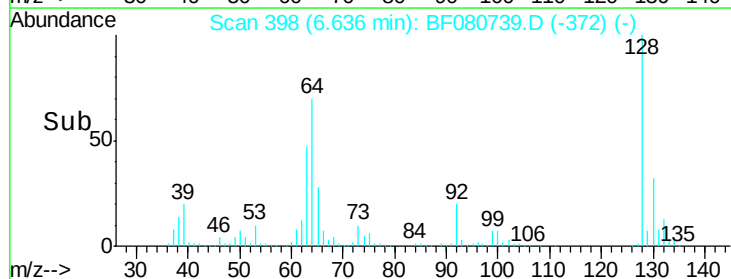
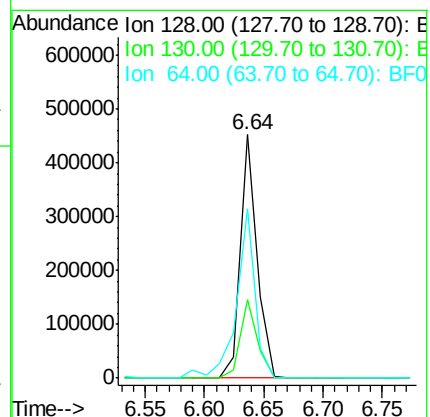
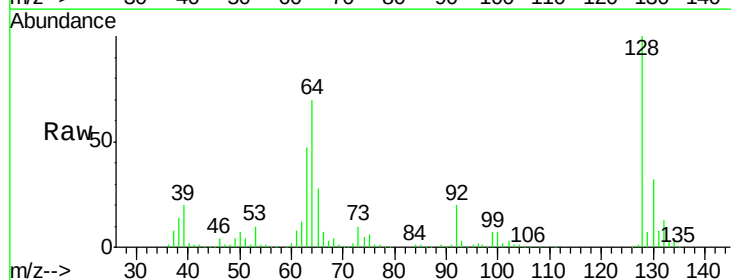
Tgt Ion: 128 Resp: 443734

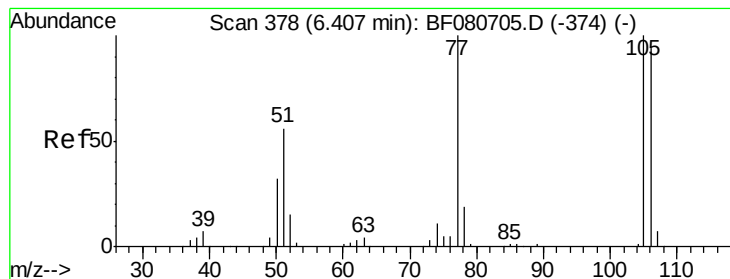
Ion Ratio Lower Upper

128 100

130 32.5 11.7 51.7

64 69.7 48.7 88.7





#9

Benzaldehyde

Concen: 37.16 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080739.D

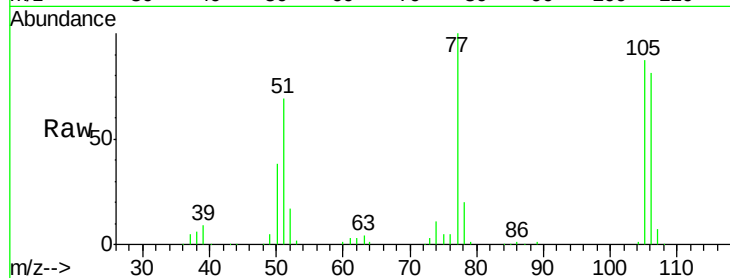
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 77 Resp: 333094

Ion Ratio Lower Upper

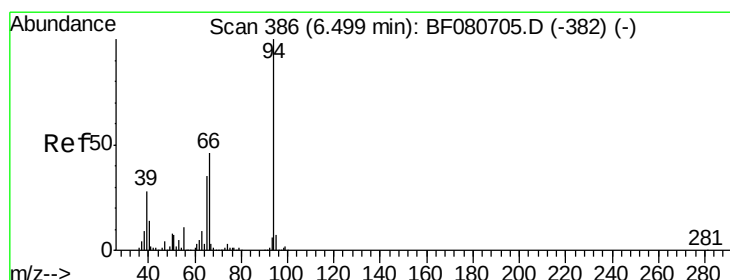
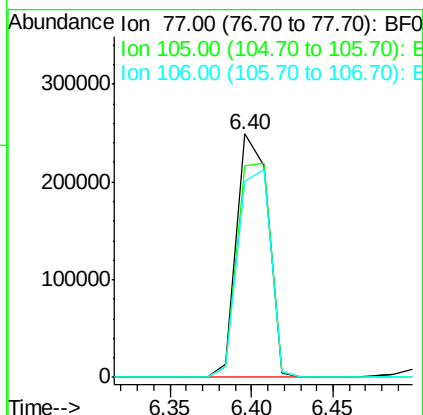
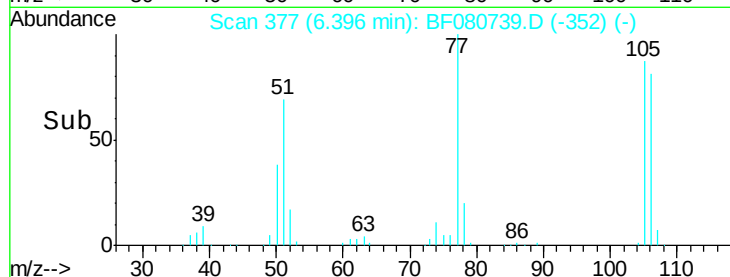
77 100

105 87.2 80.2 120.2

106 80.7 74.2 114.2

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#10

Phenol

Concen: 42.93 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

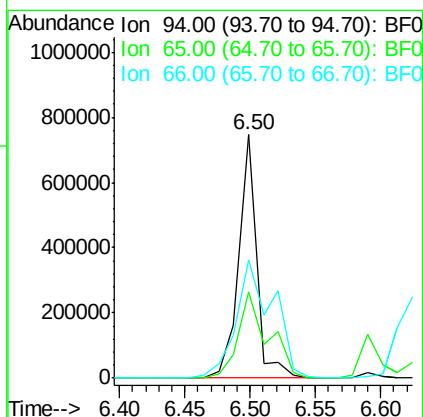
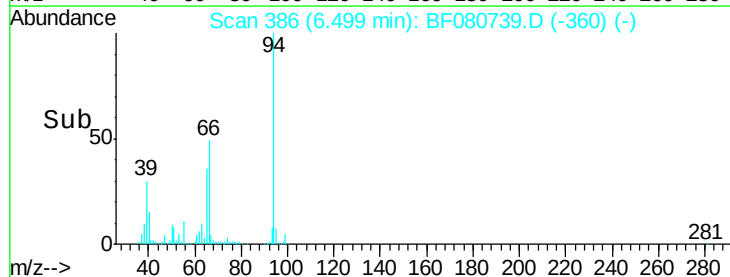
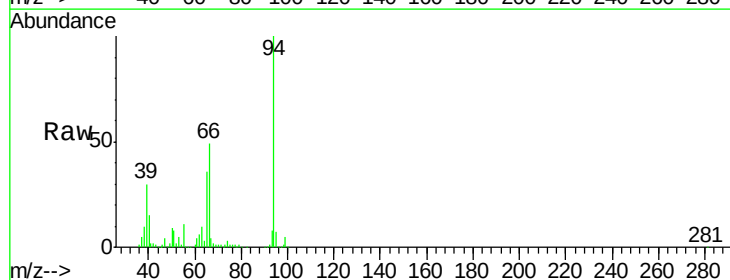
Tgt Ion: 94 Resp: 710264

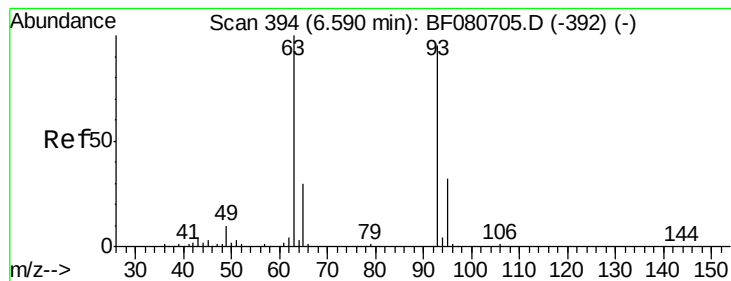
Ion Ratio Lower Upper

94 100

65 35.7 14.7 54.7

66 48.6 25.9 65.9





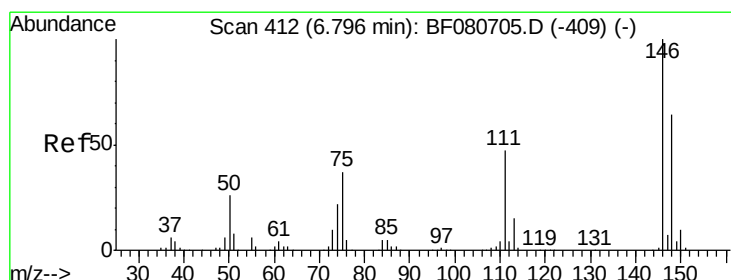
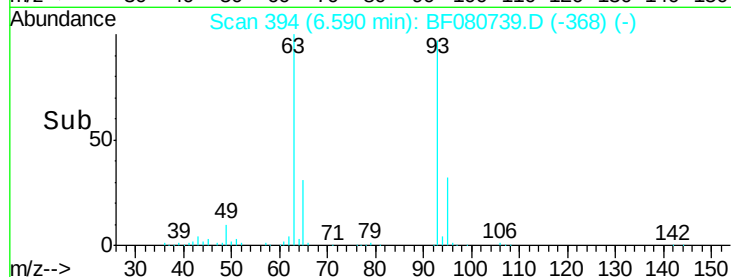
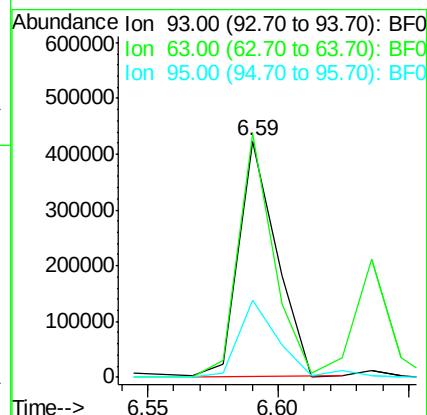
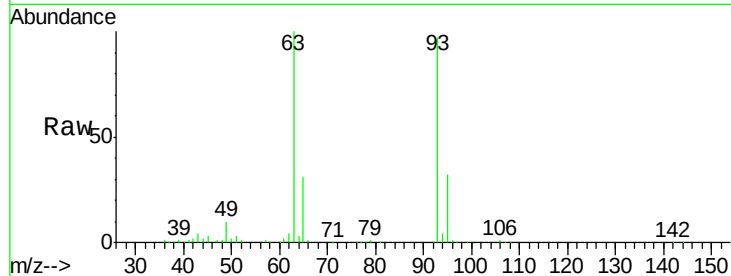
#11
bis(2-Chloroethyl)ether
Concen: 36.20 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
93	100		
63	103.1	85.3	125.3
95	32.8	13.3	53.3

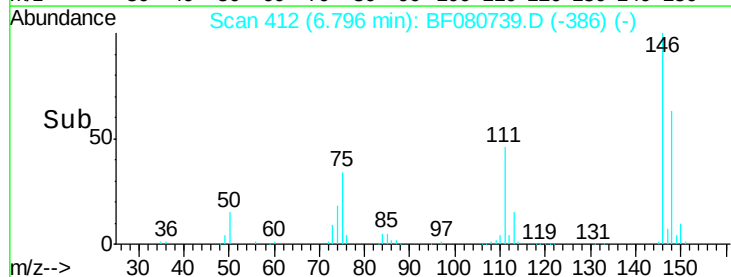
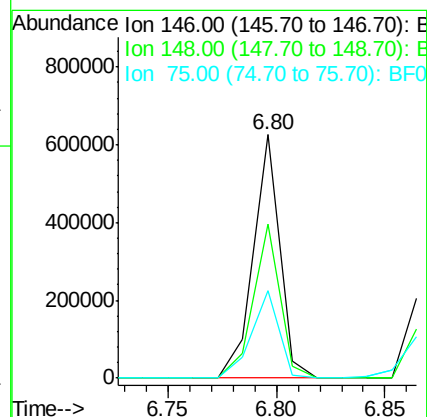
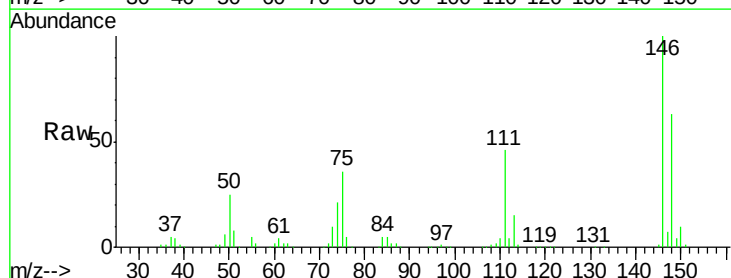
Manual Integrations
APPROVED

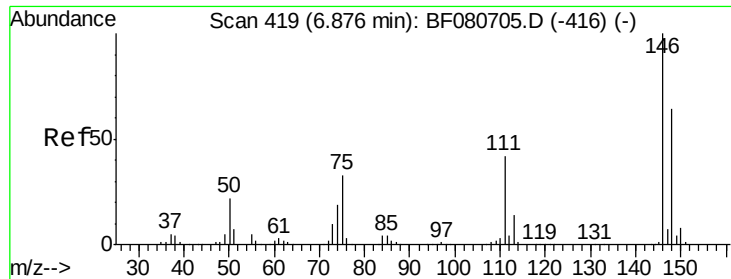
MMDadoda
8/3/2015 11:56:12 AM



#12
1,3-Dichlorobenzene
Concen: 40.23 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
75	35.9	29.4	44.0





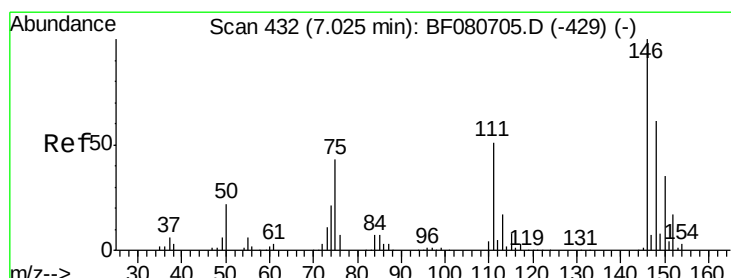
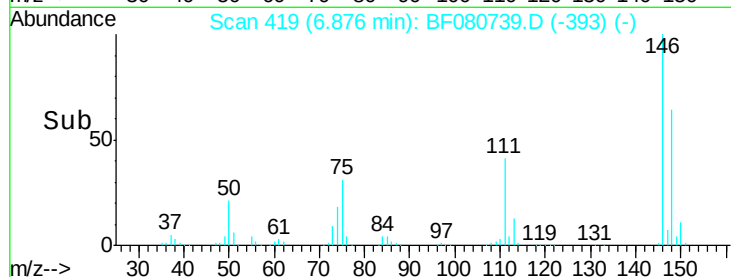
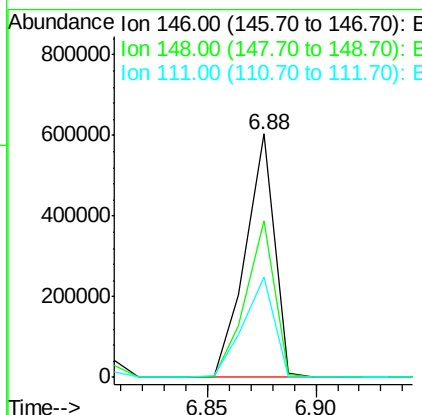
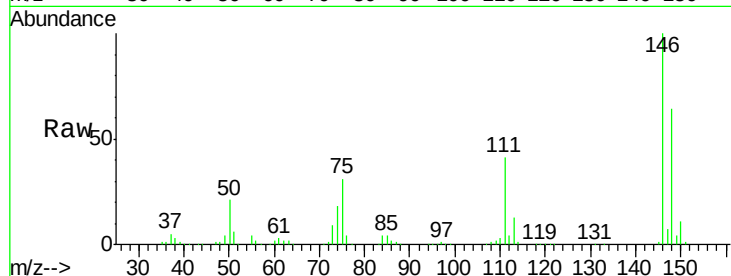
#13
 1,4-Dichlorobenzene
 Concen: 42.07 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	41.3	33.8	50.6

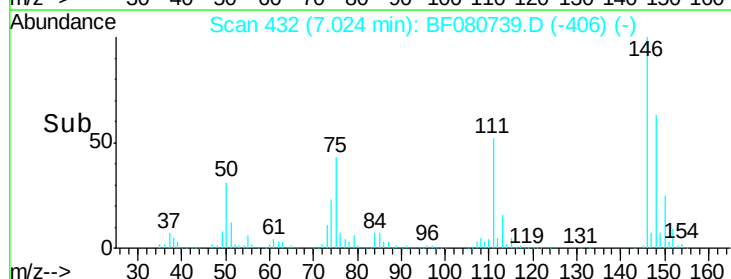
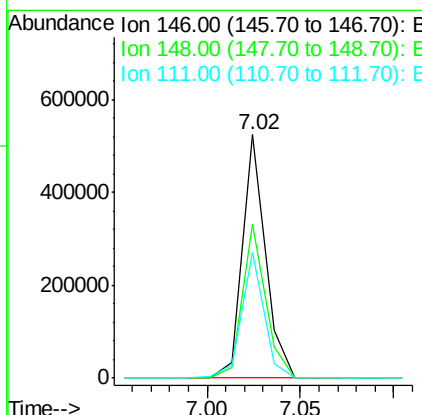
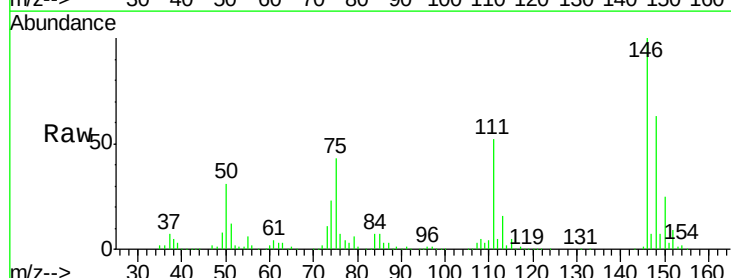
Manual Integrations
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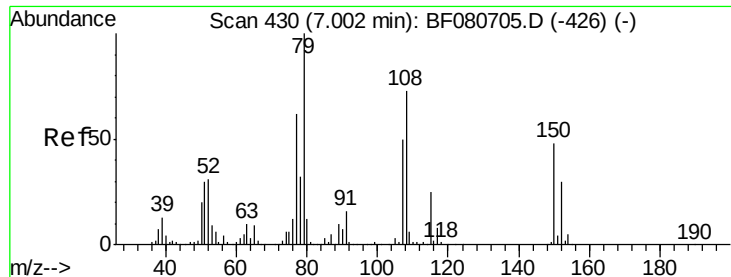
MMDadoda
 8/3/2015 11:56:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 37.23 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
111	51.5	41.0	61.4





#15

Benzyl Alcohol

Concen: 34.35 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 407849

Ion Ratio Lower Upper

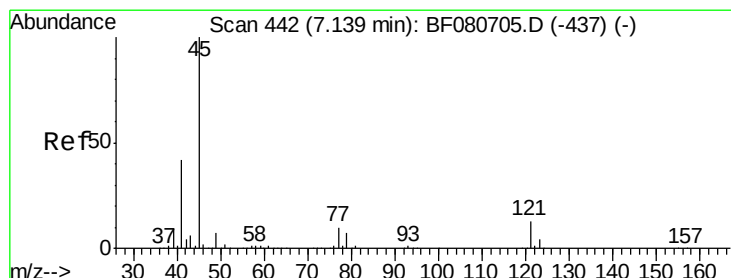
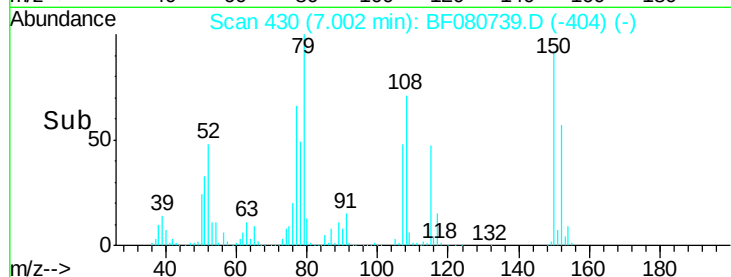
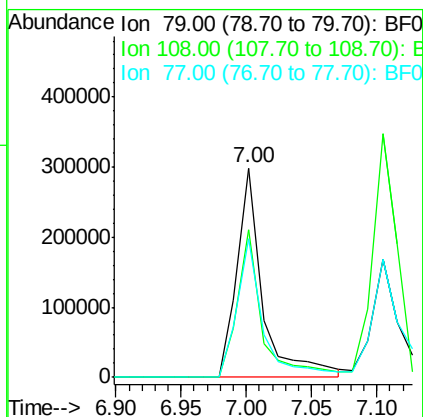
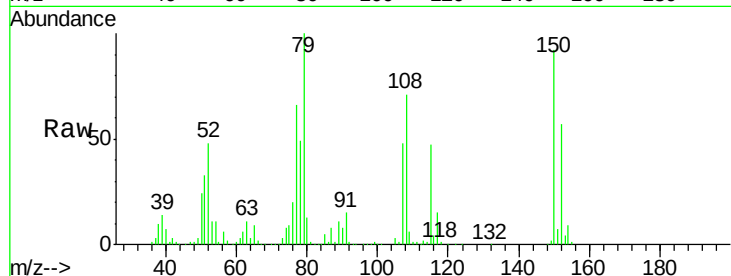
79 100

108 70.5 58.7 88.1

77 66.1 49.8 74.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.50 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

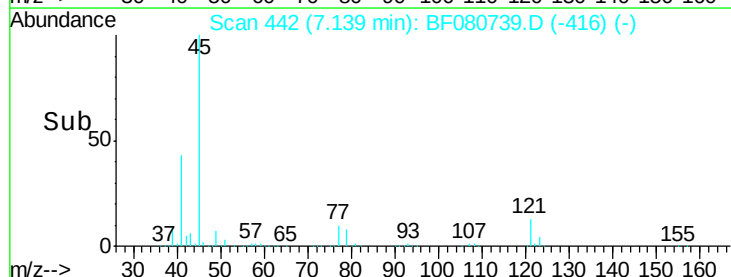
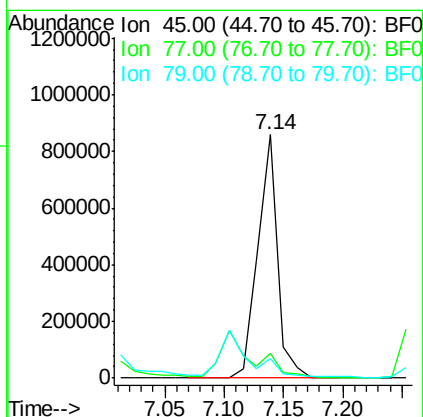
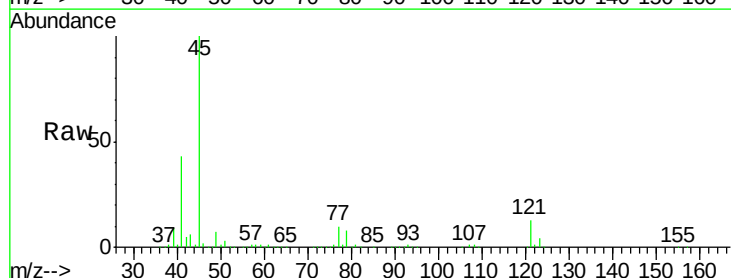
Tgt Ion: 45 Resp: 997278

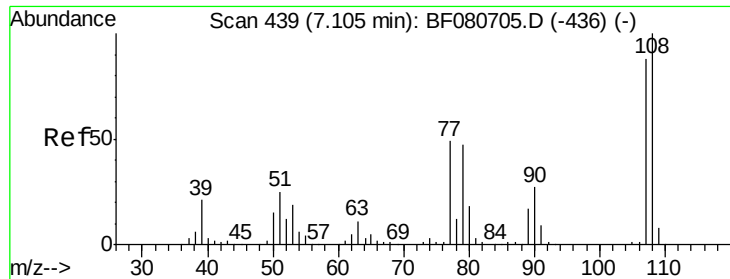
Ion Ratio Lower Upper

45 100

77 10.1 0.0 29.9

79 8.3 0.0 27.4





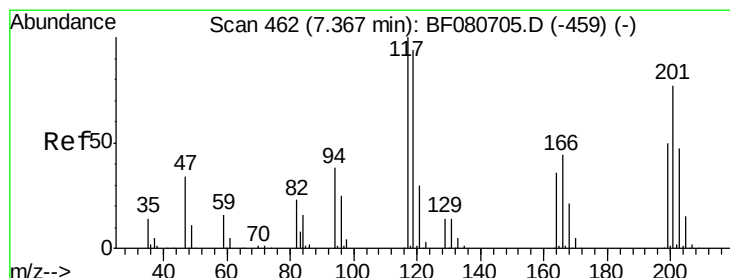
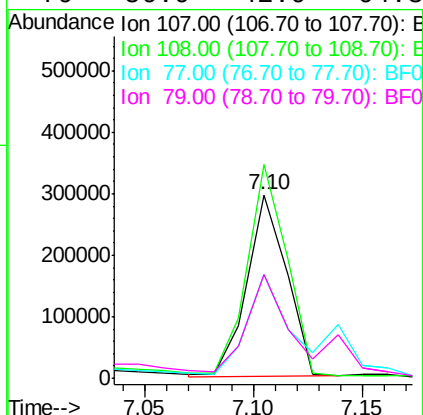
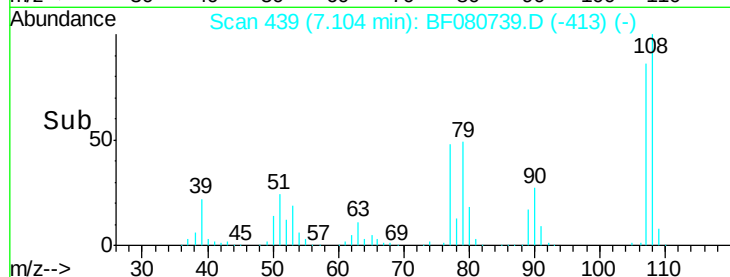
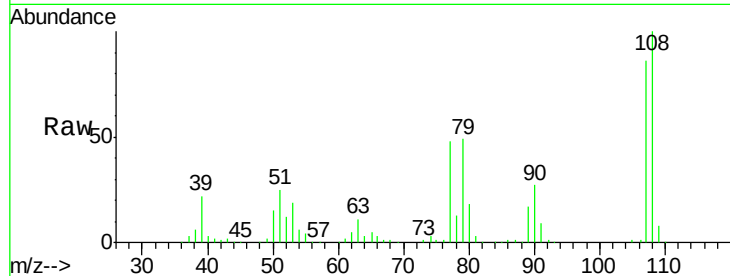
#17
2-Methylphenol
Concen: 38.74 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	374283		
108	116.6	90.8	136.2	
77	56.5	44.6	67.0	
79	56.9	42.9	64.3	

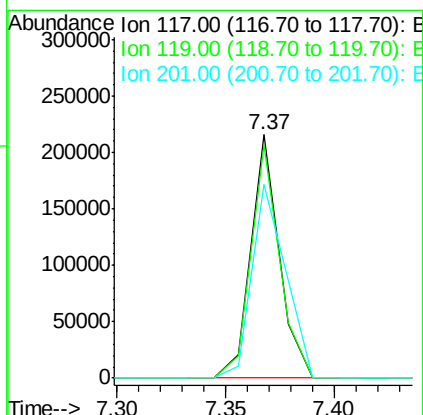
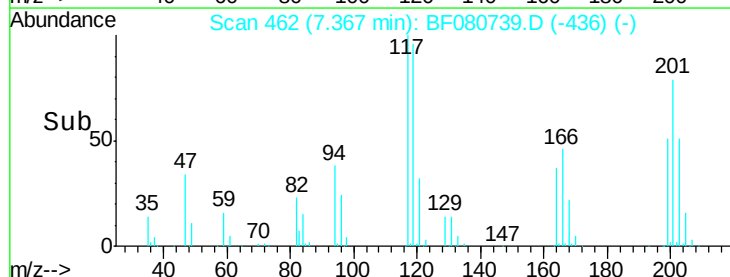
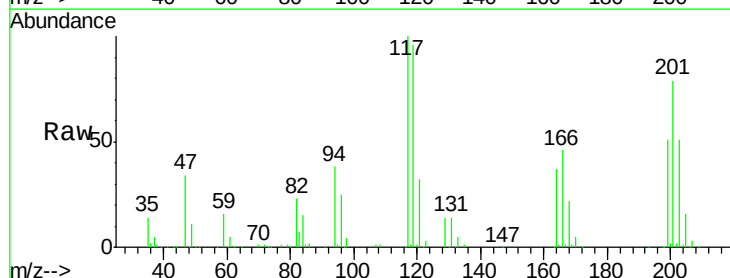
Manual Integrations
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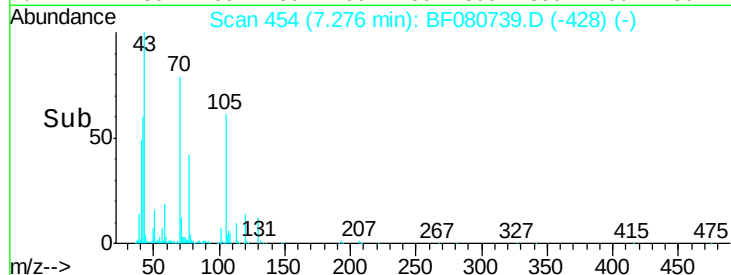
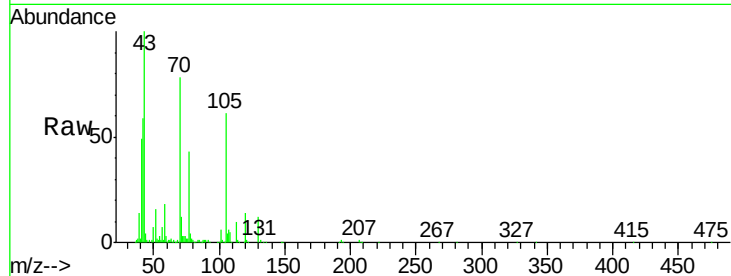
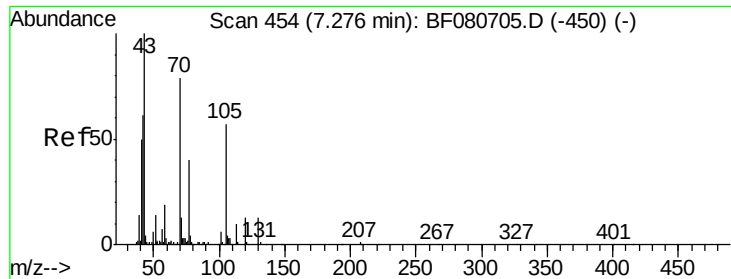
MMDadoda
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#18
Hexachloroethane
Concen: 39.18 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	195446		
119	95.9	74.9	112.3	
201	79.3	61.5	92.3	





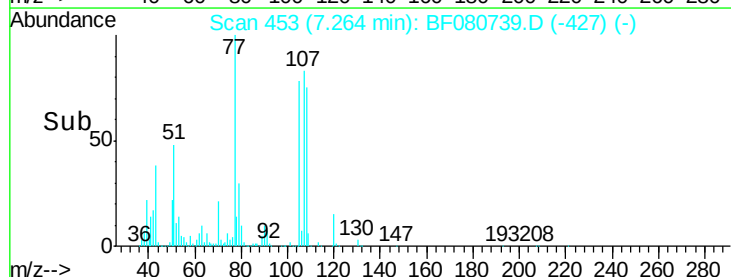
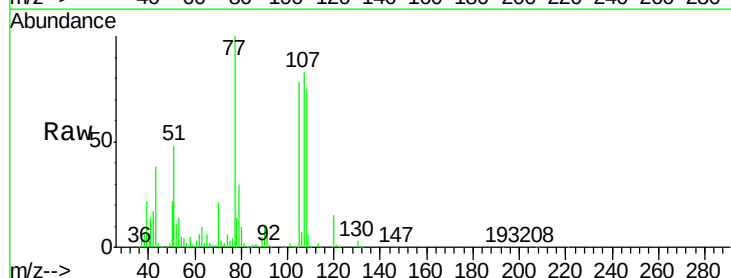
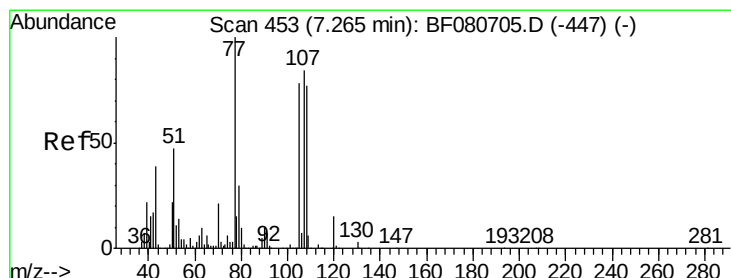
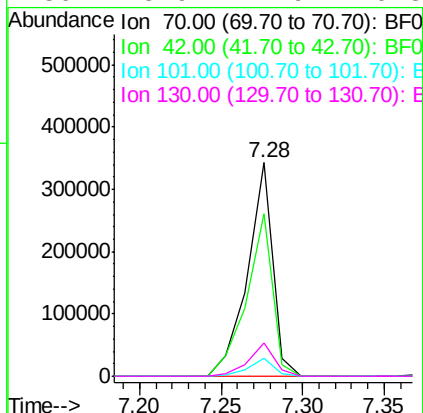
#19
n-Nitroso-di-n-propylamine
Concen: 38.56 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
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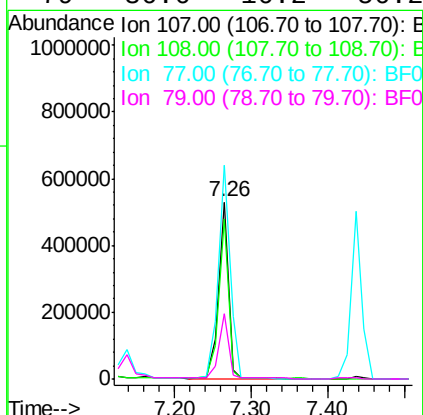
MMDadoda
8/3/2015 11:56:12 AM

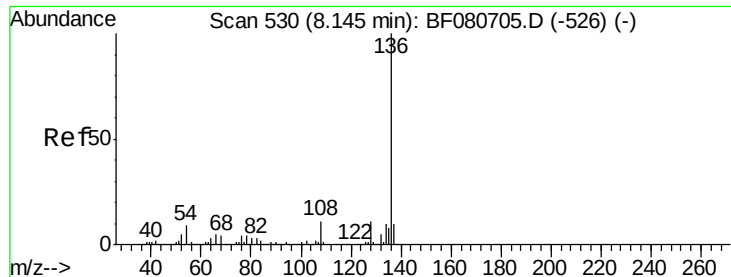
Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.9	61.8	92.6
101	8.3	6.1	9.1
130	15.9	12.9	19.3



#20
3+4-Methylphenols
Concen: 39.90 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.8	111.8
77	120.8	99.8	139.8
79	36.6	16.2	56.2





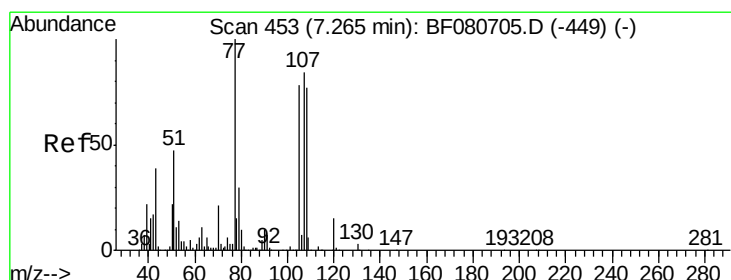
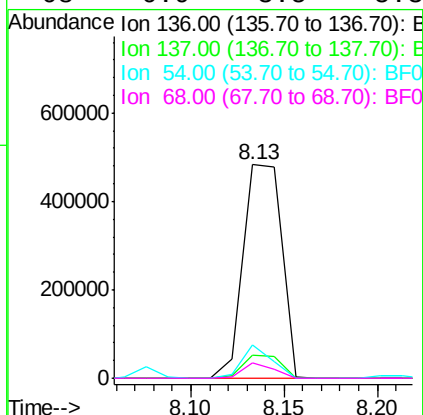
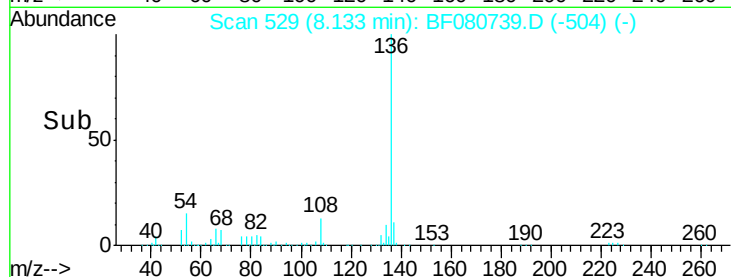
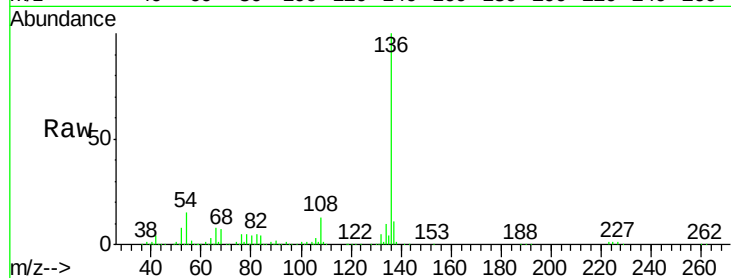
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.1	8.4	12.6
54	15.5	6.9	10.3
68	6.9	3.5	5.3

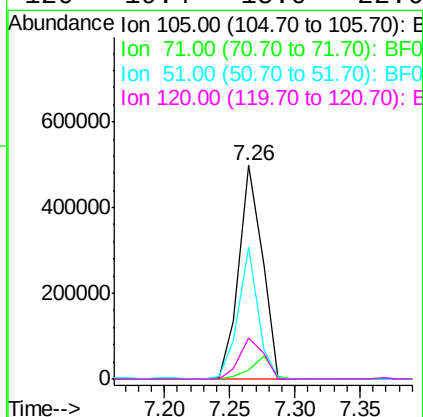
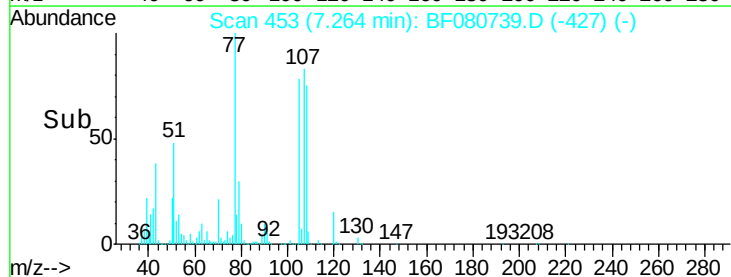
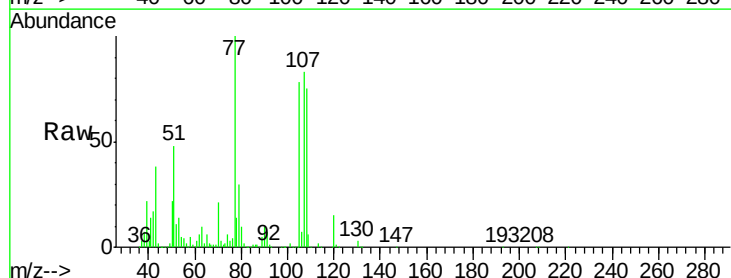
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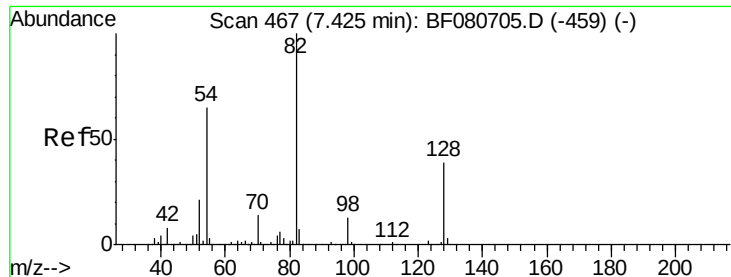
MMDadoda
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#22
Acetophenone
Concen: 37.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	4.2	3.4	5.0
51	61.6	47.9	71.9
120	19.4	15.0	22.6





#23

Nitrobenzene-d5

Concen: 82.90 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 1184438

Ion Ratio Lower Upper

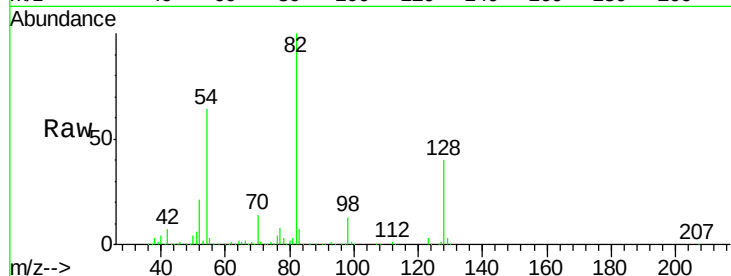
82 100

128 40.0 31.5 47.3

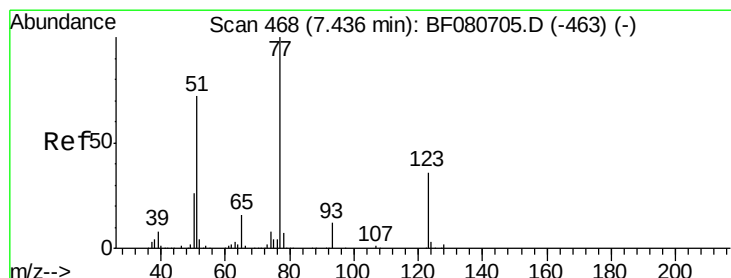
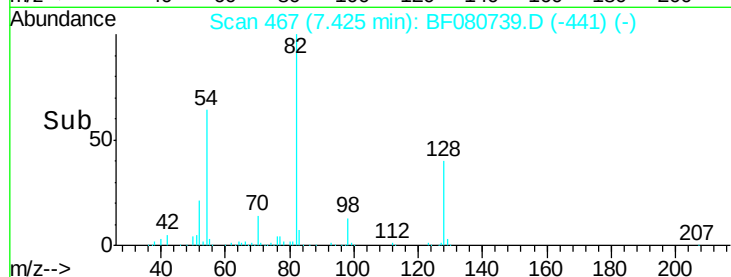
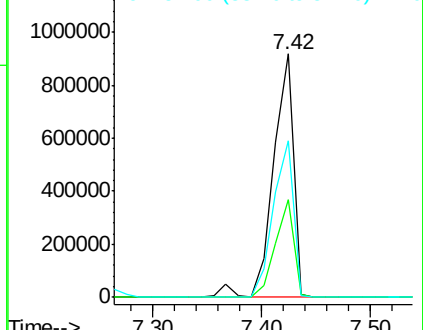
54 64.2 51.8 77.8

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



#24

Nitrobenzene

Concen: 35.09 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

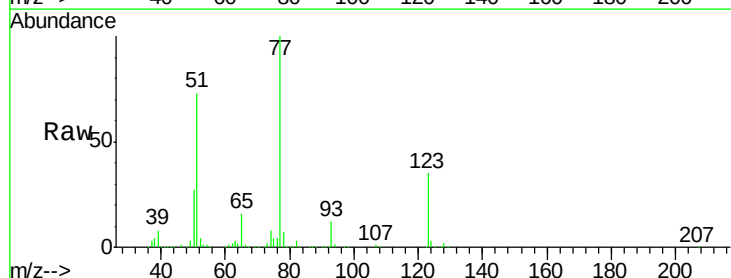
Tgt Ion: 77 Resp: 502223

Ion Ratio Lower Upper

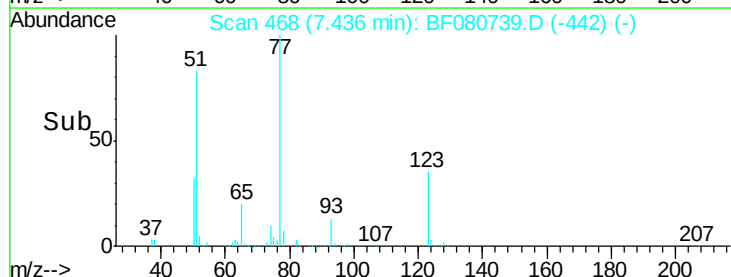
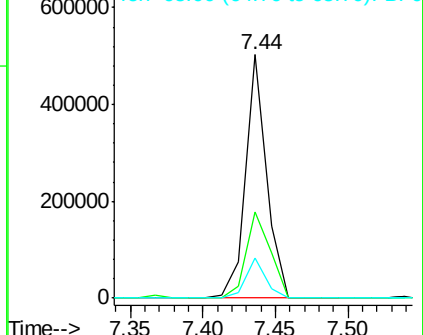
77 100

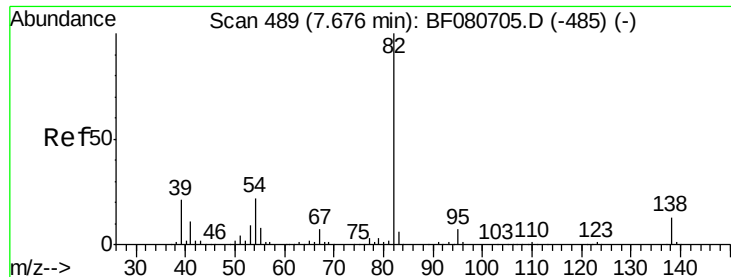
123 35.3 28.9 43.3

65 16.5 13.0 19.4



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





#25

Isophorone

Concen: 38.68 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

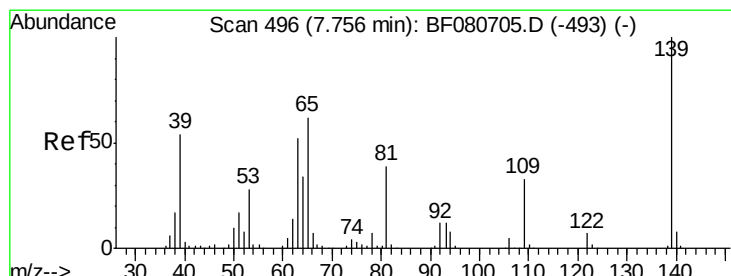
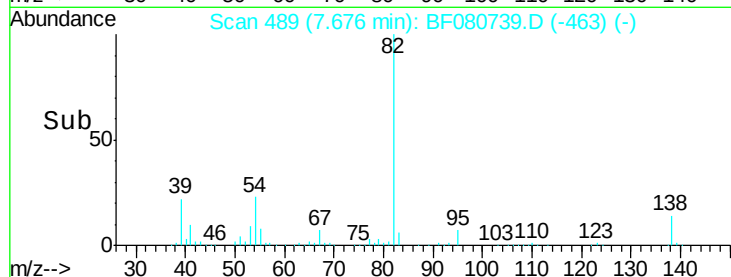
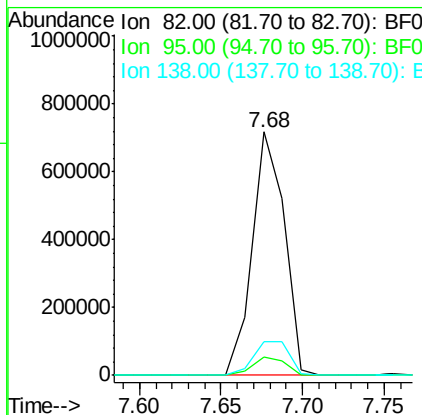
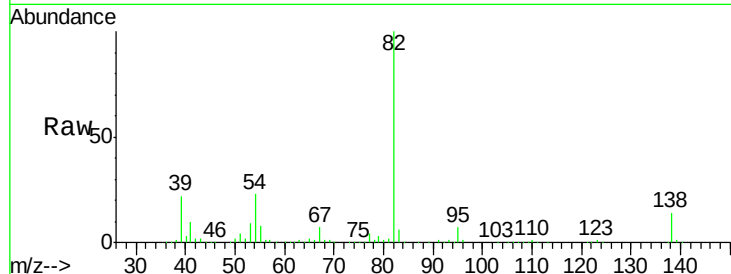
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	982744
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	13.8	10.7	16.1

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#26

2-Nitrophenol

Concen: 44.13 ng m

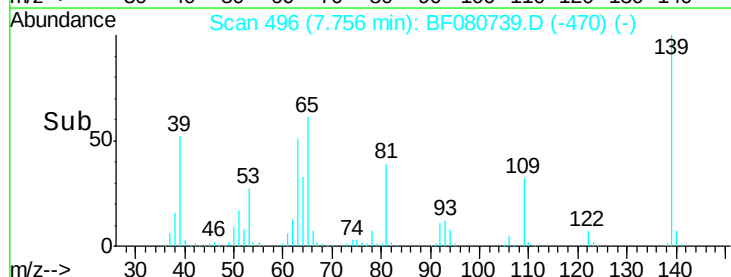
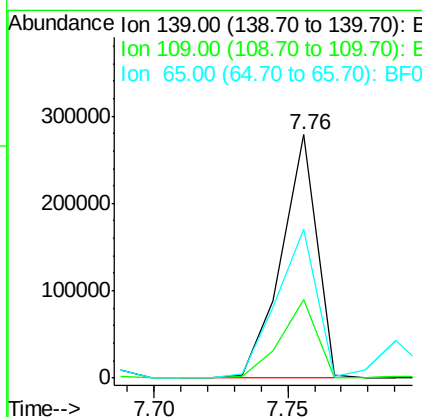
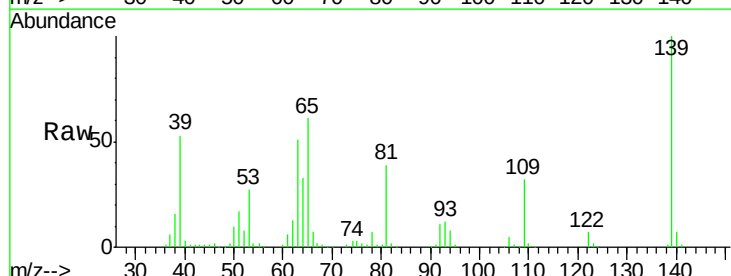
RT: 7.76 min Scan# 496

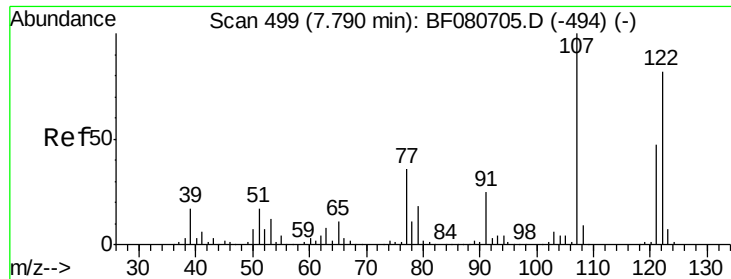
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion:	139	Resp:	256399
Ion Ratio	Lower	Upper	
139	100		
109	32.5	26.5	39.7
65	61.0	49.8	74.8





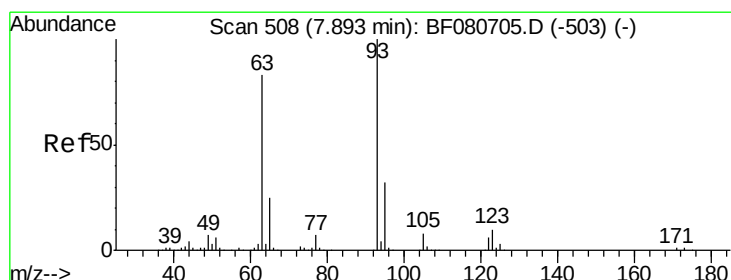
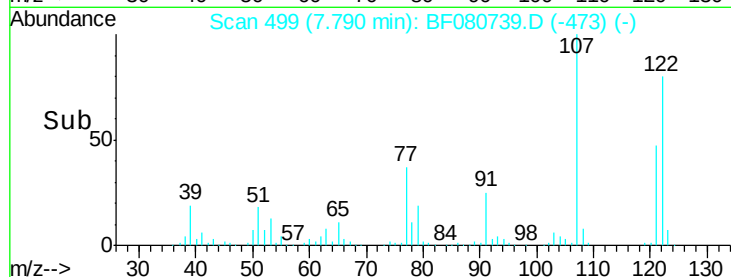
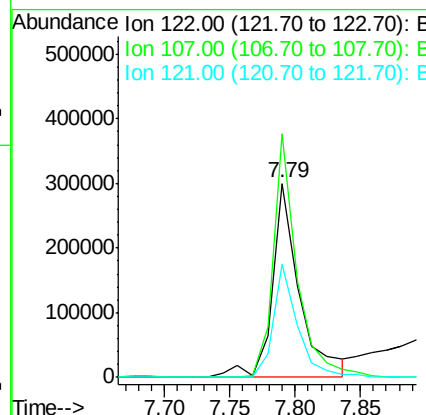
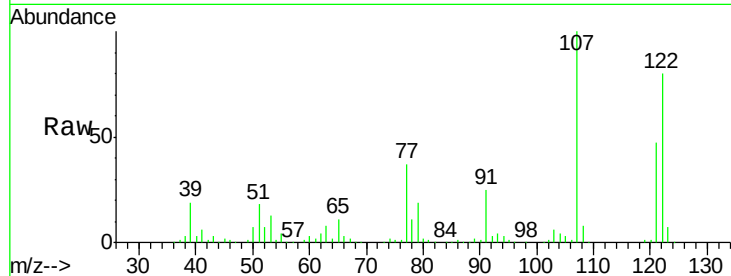
#27
 2,4-Dimethylphenol
 Concen: 40.28 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	439678		
107	125.4	98.1	147.1	
121	58.5	45.8	68.8	

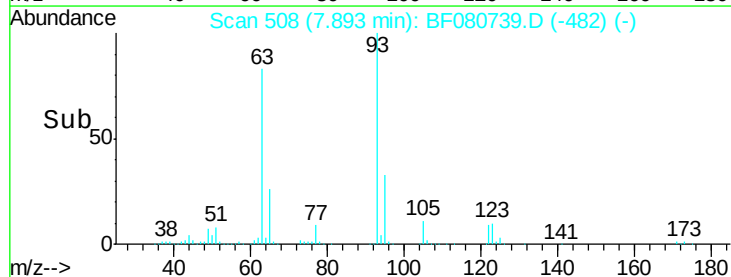
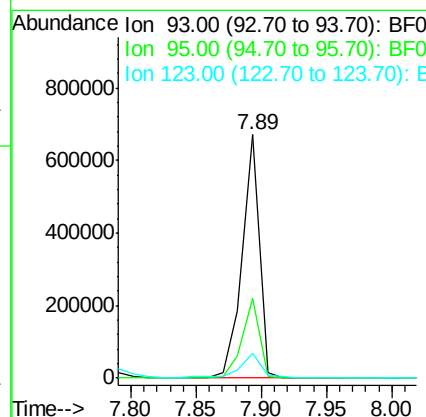
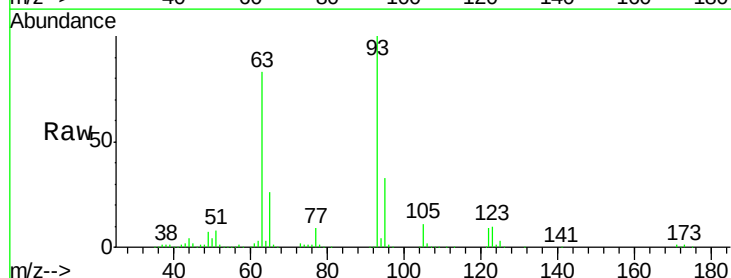
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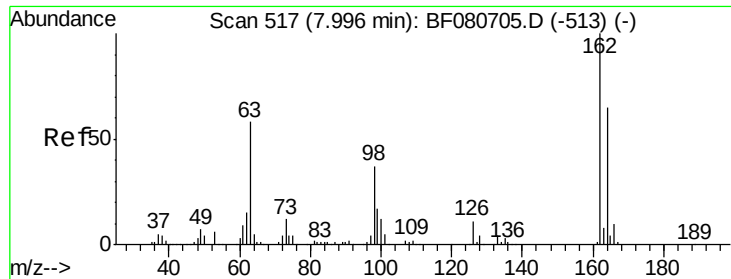
MMDadoda
 8/3/2015 11:56:12 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.44 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608647		
95	32.9	26.0	39.0	
123	10.4	8.2	12.4	





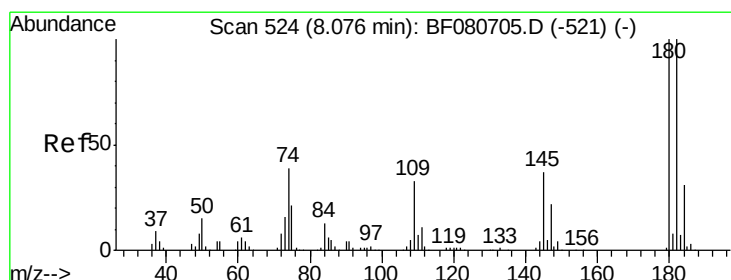
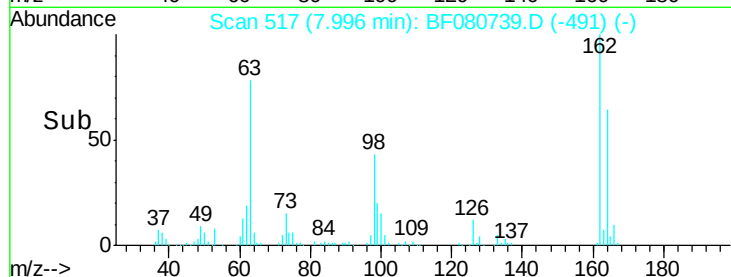
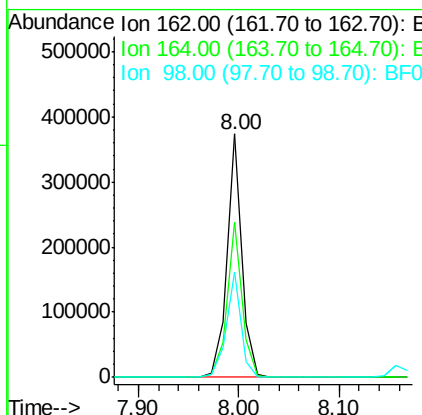
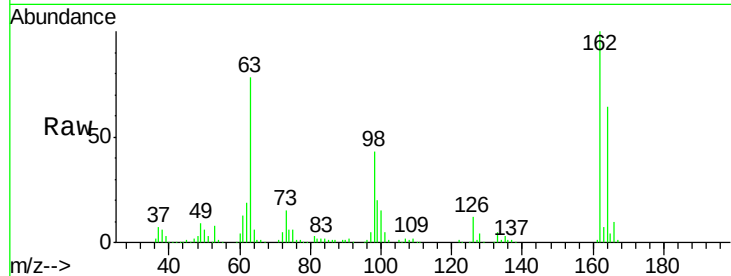
#29
2,4-Dichlorophenol
Concen: 39.35 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.9	45.1	85.1
98	43.3	17.0	57.0

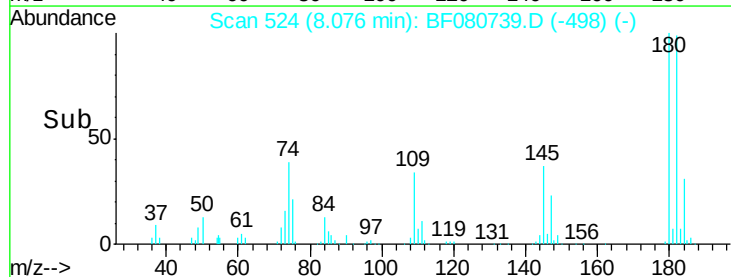
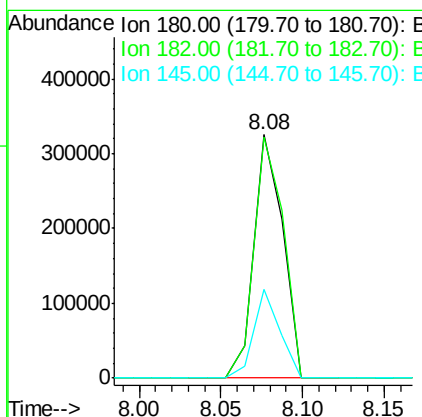
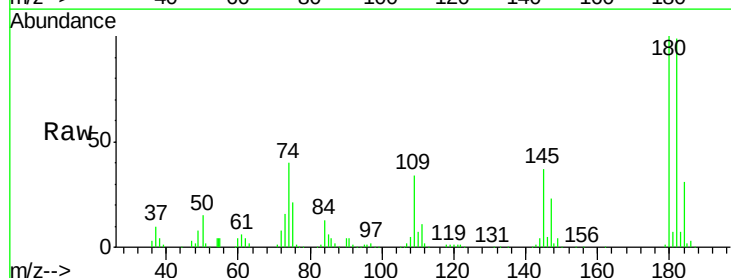
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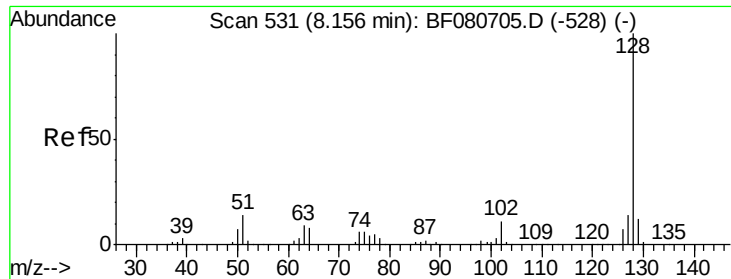
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#30
1,2,4-Trichlorobenzene
Concen: 37.83 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.8	79.8	119.8
145	36.7	29.8	44.6





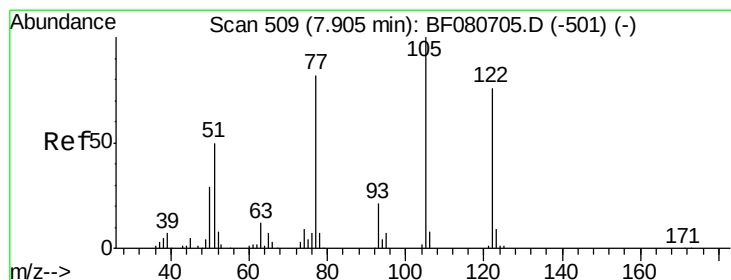
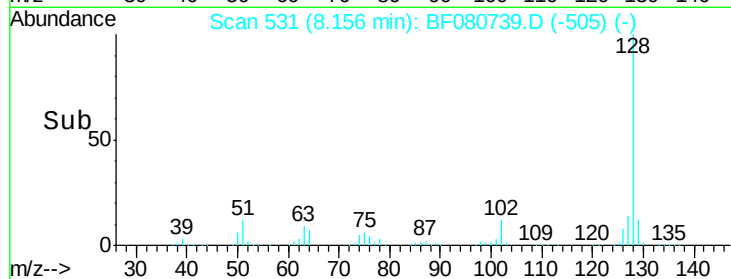
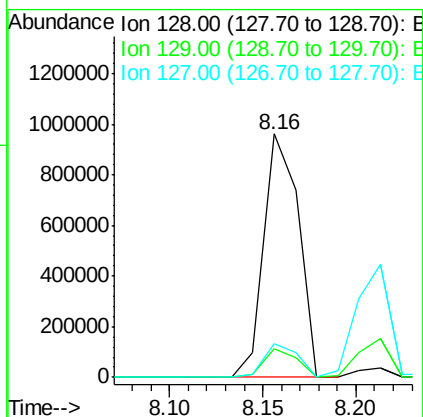
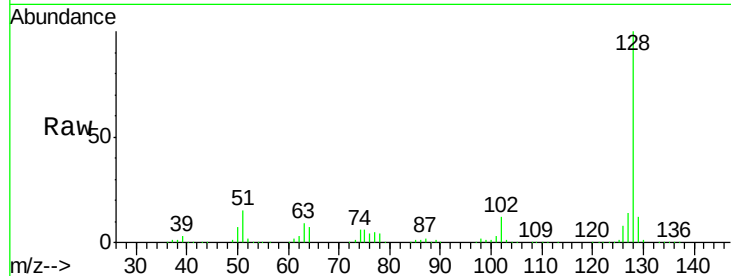
#31
Naphthalene
Concen: 35.82 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 1236958
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 11.0 16.6

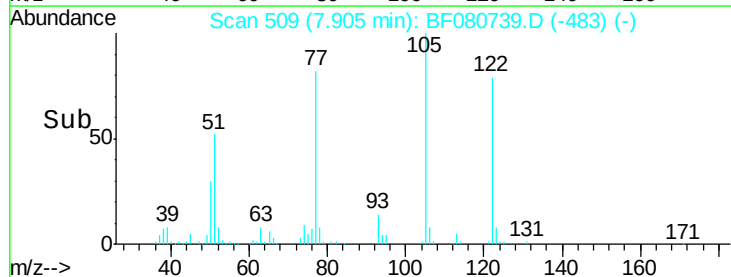
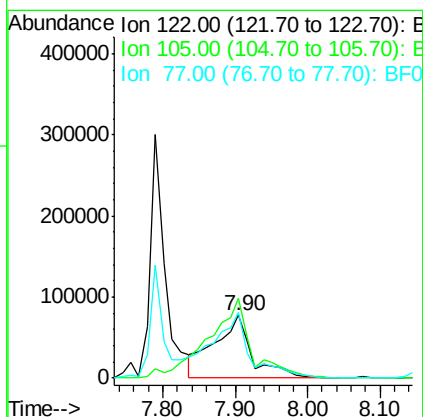
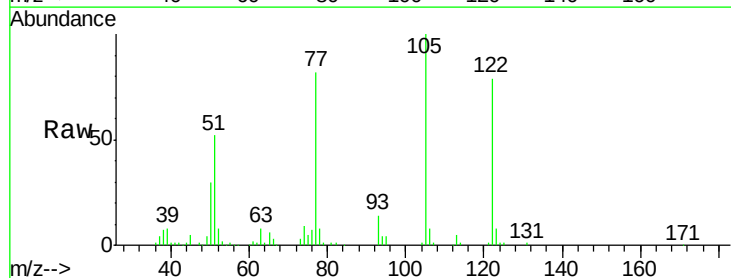
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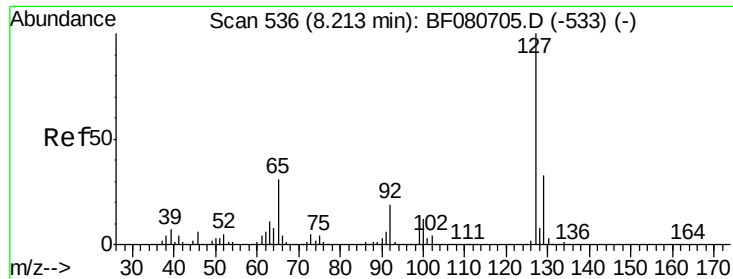
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#32
Benzoic acid
Concen: 36.61 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

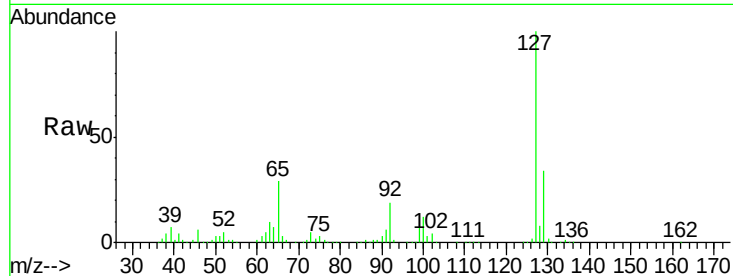
Tgt Ion:122 Resp: 279657
Ion Ratio Lower Upper
122 100
105 127.0 111.3 151.3
77 104.7 88.1 128.1





#33
4-Chloroaniline
Concen: 38.45 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

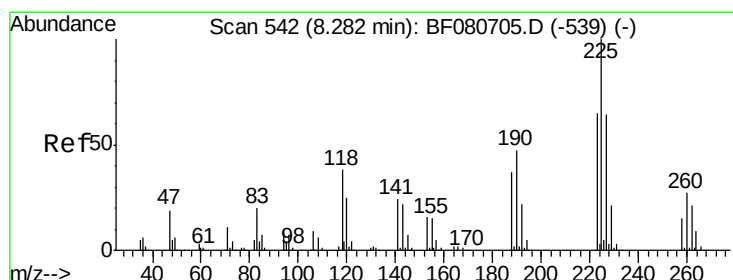
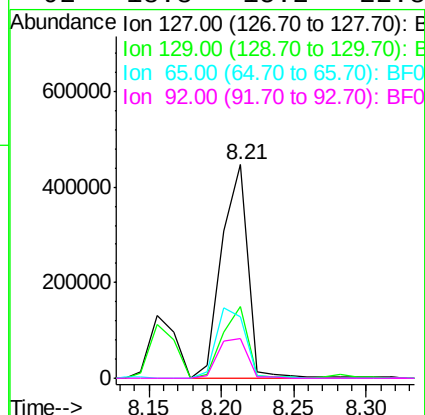
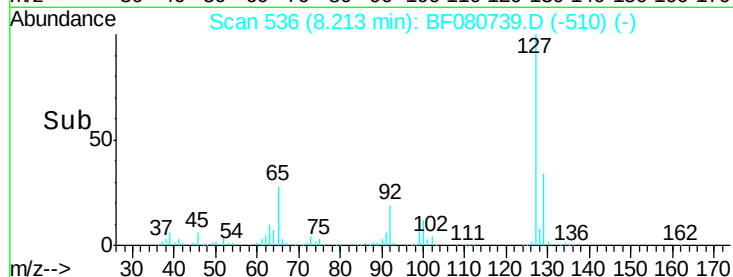
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.8	26.7	40.1	
65	28.7	24.5	36.7	
92	18.8	15.2	22.8	

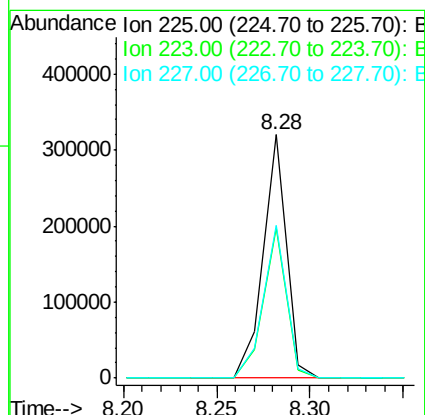
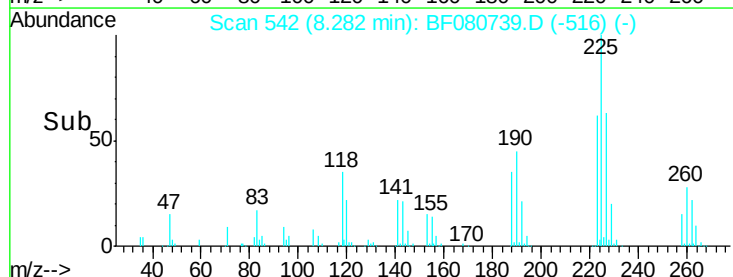
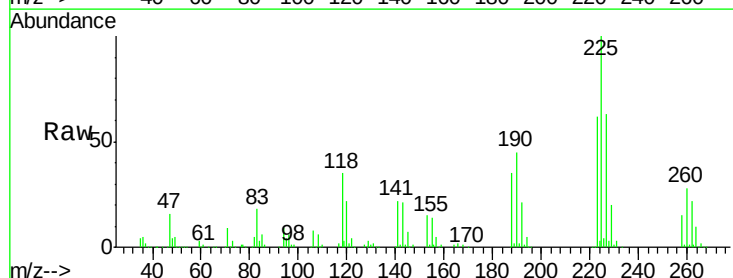
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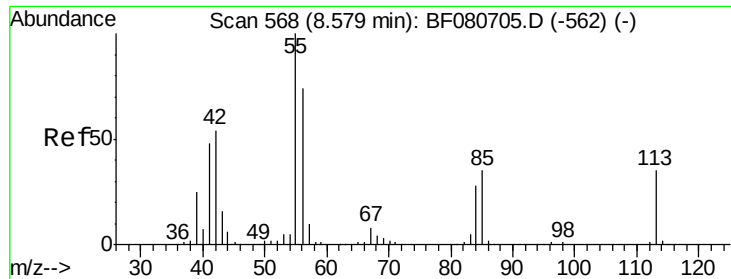
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#34
Hexachlorobutadiene
Concen: 39.99 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	51.7	77.5	
227	62.7	51.0	76.4	





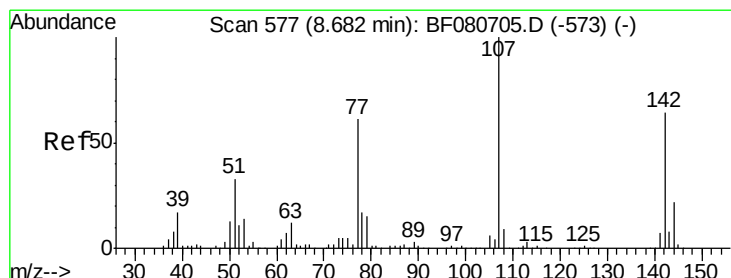
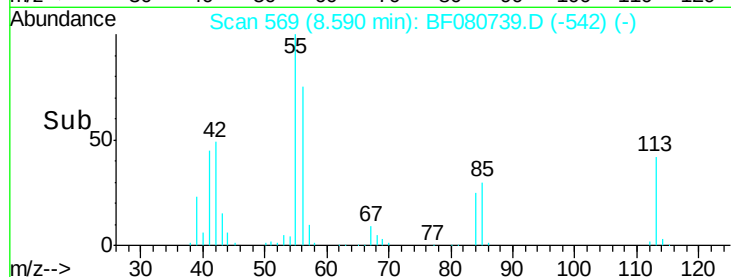
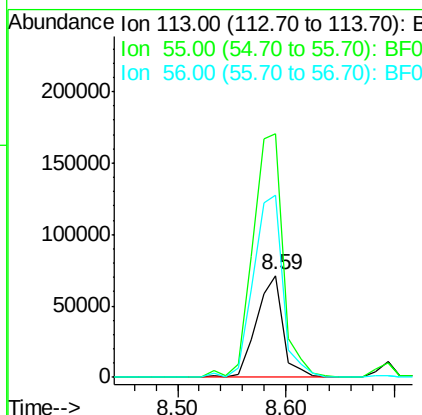
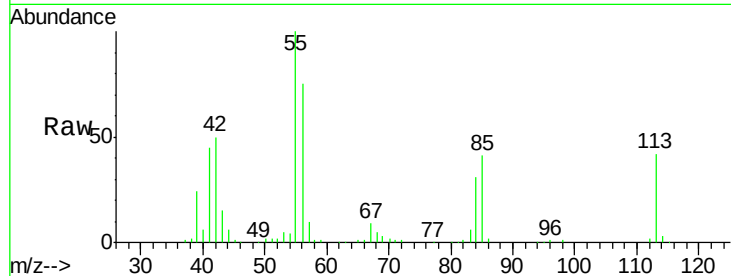
#35
 Caprolactam
 Concen: 41.55 ng
 RT: 8.59 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	239.2	269.3	309.3#	
56	179.3	193.3	233.3#	

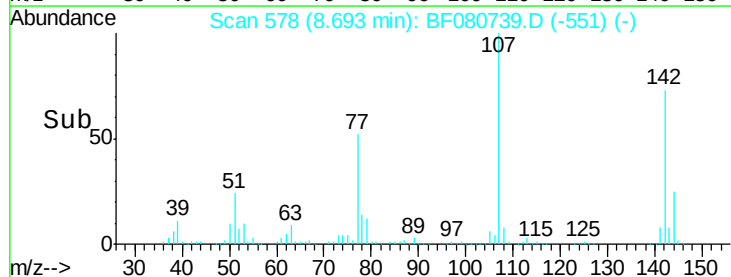
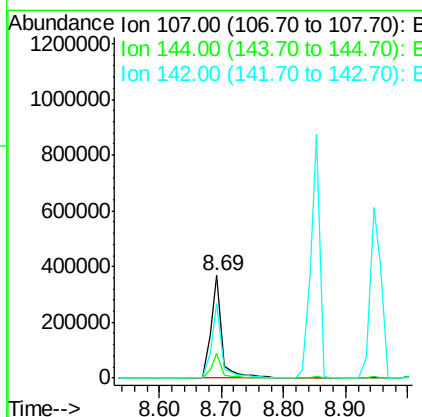
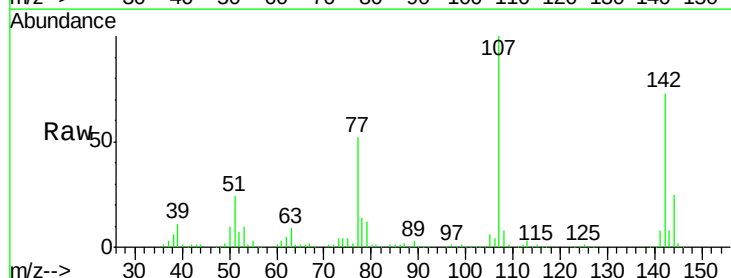
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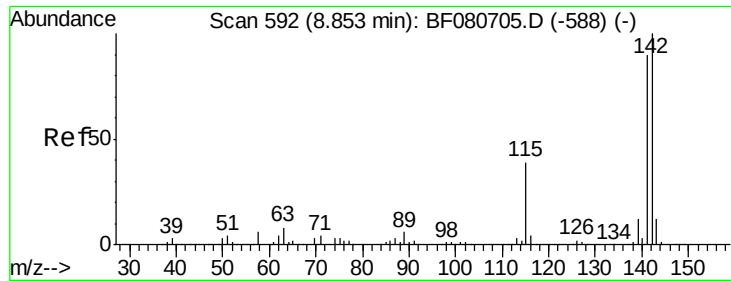
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#36
 4-Chloro-3-methylphenol
 Concen: 42.85 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

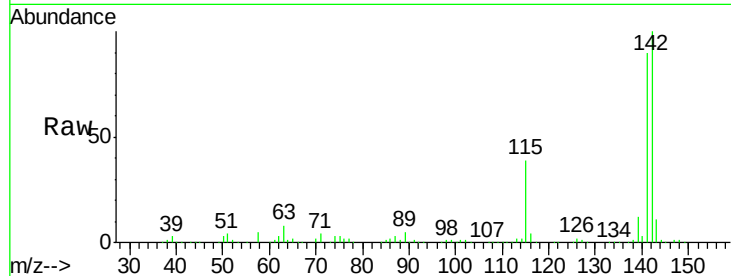
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	24.6	17.2	25.8	
142	73.0	51.2	76.8	





#37
 2-Methylnaphthalene
 Concen: 40.39 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

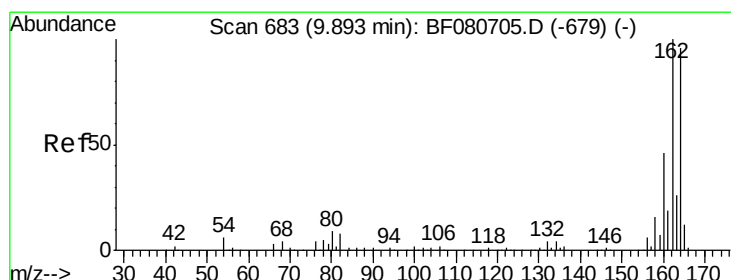
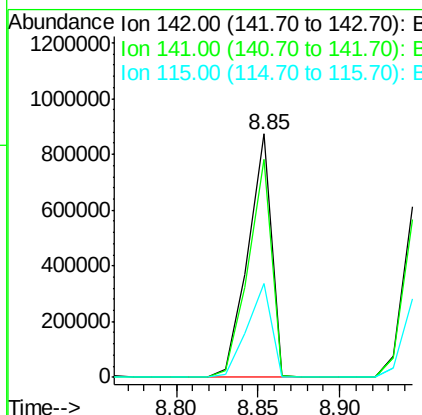
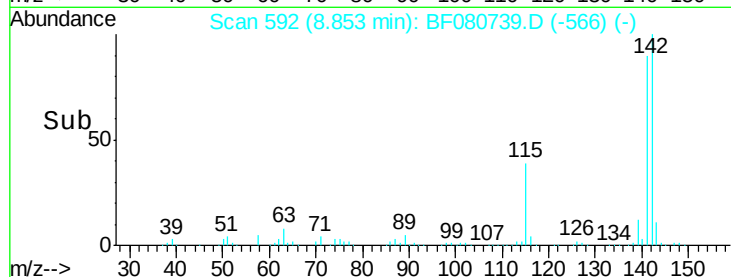
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	38.8	31.4	47.2

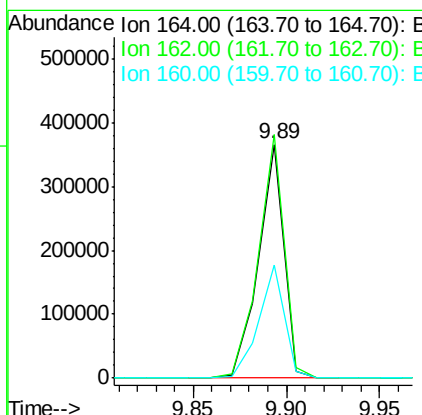
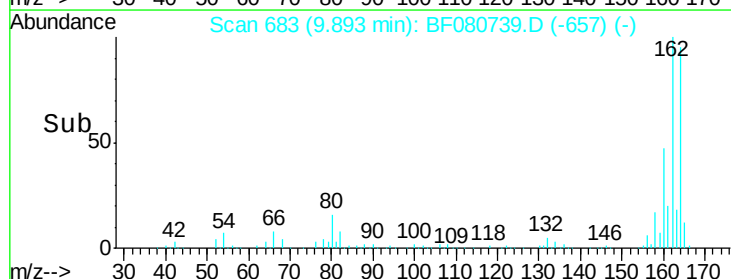
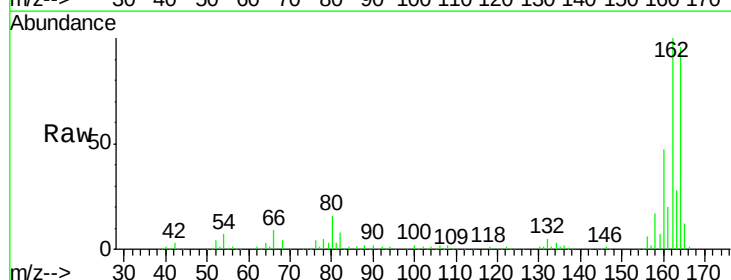
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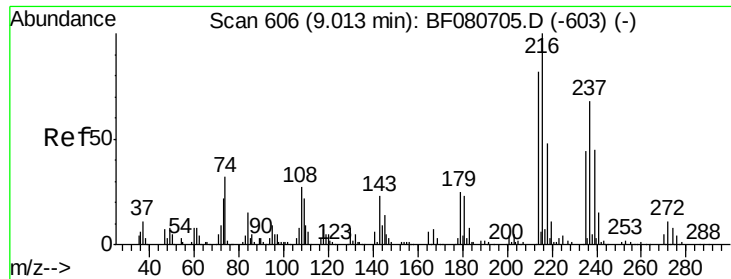
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	48.5	38.0	57.0





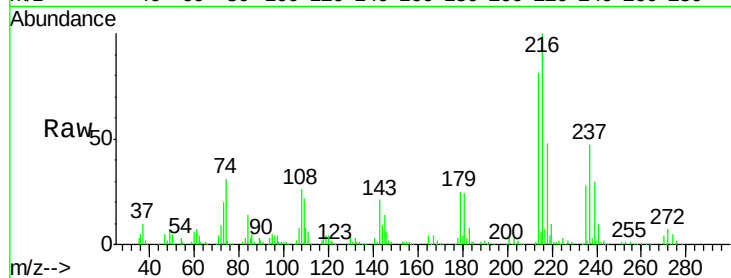
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.81 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	363176		
214	79.4	63.1	94.7	
179	22.0	16.9	25.3	
108	22.8	17.0	25.6	



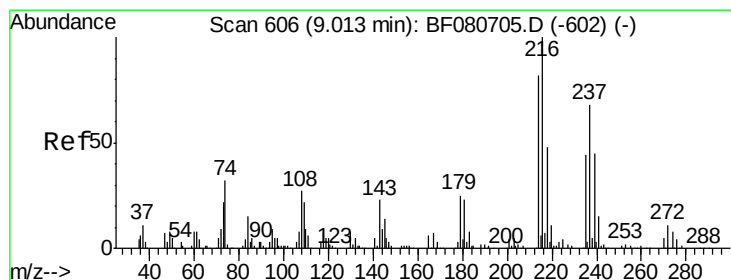
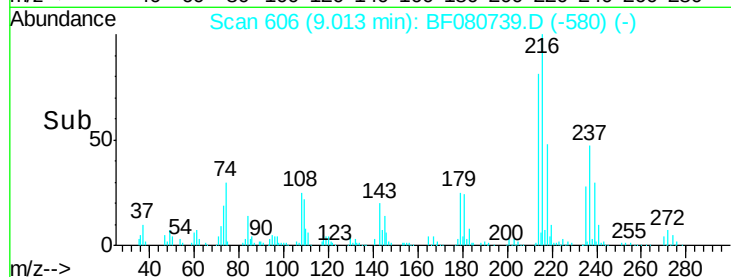
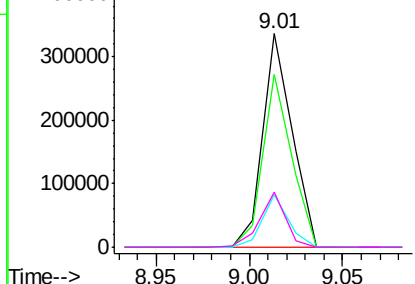
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

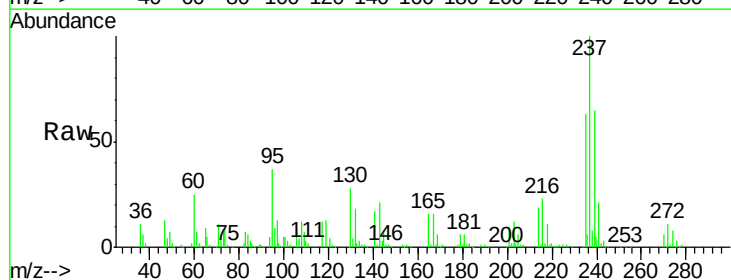
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 36.86 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	243613		
235	63.0	44.3	84.3	
272	11.2	0.0	35.5	

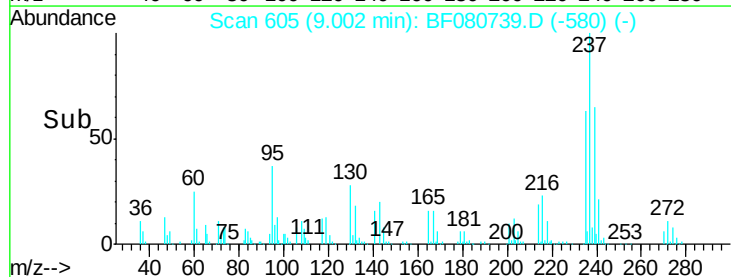
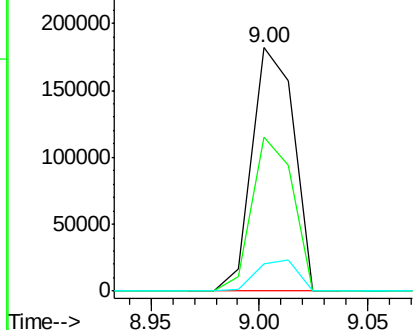


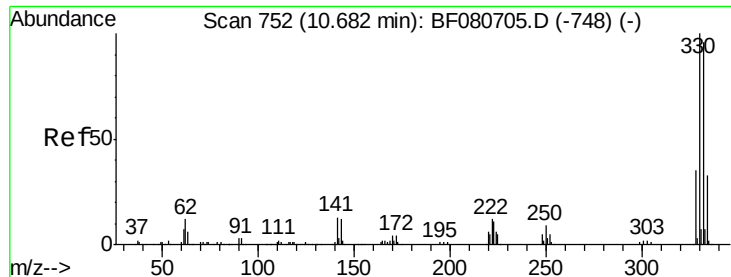
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





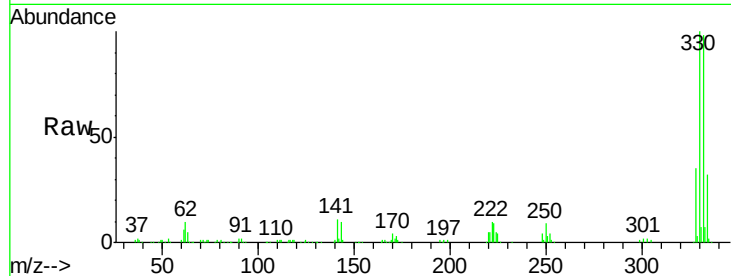
#41
 2,4,6-Tribromophenol
 Concen: 79.10 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

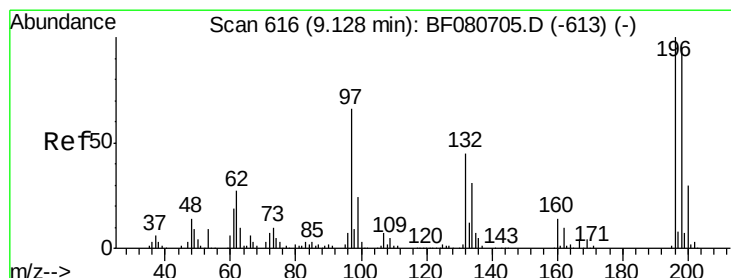
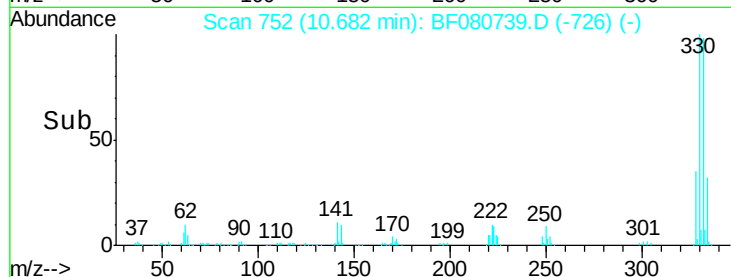
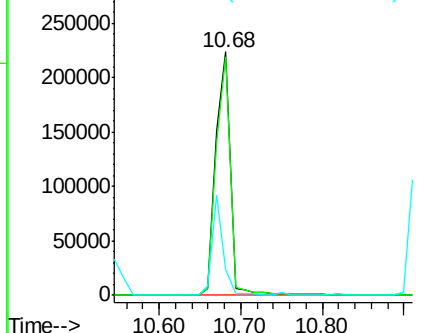
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	280765		
332	97.9	76.6	114.8	
141	31.9	26.0	39.0	

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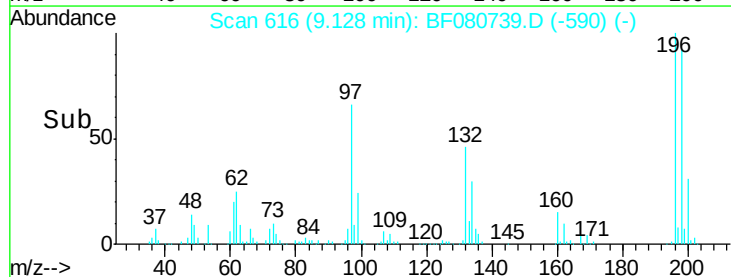
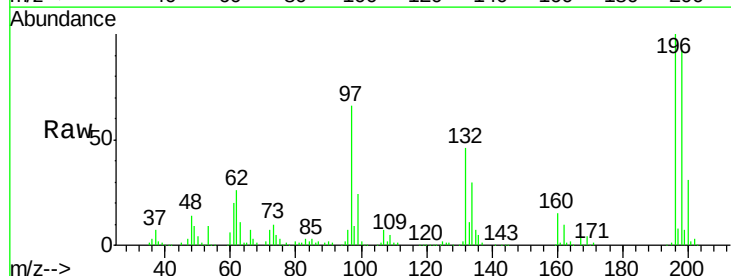
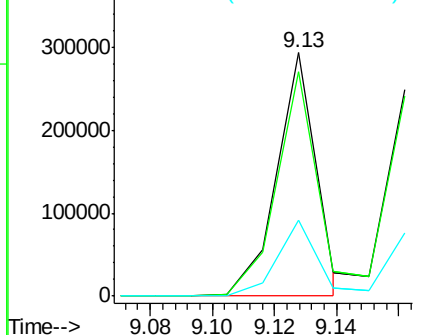
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

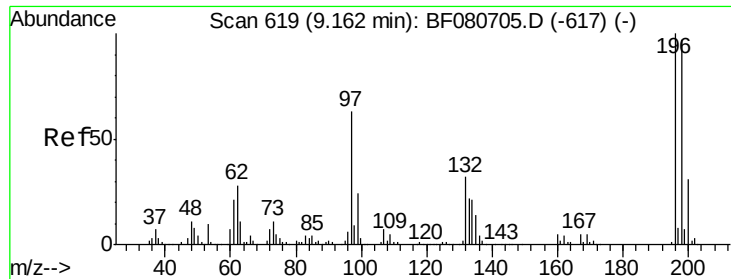


#42
 2,4,6-Trichlorophenol
 Concen: 34.84 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260349		
198	92.3	75.8	113.8	
200	31.0	24.2	36.2	

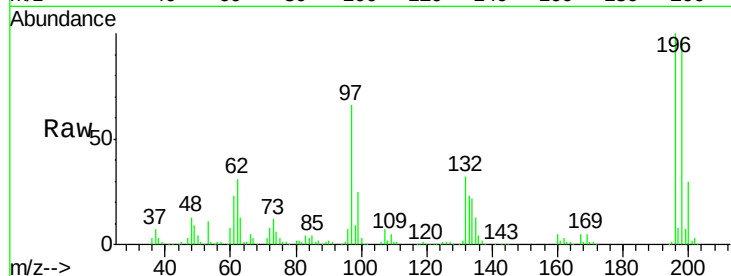
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 40.48 ng m
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

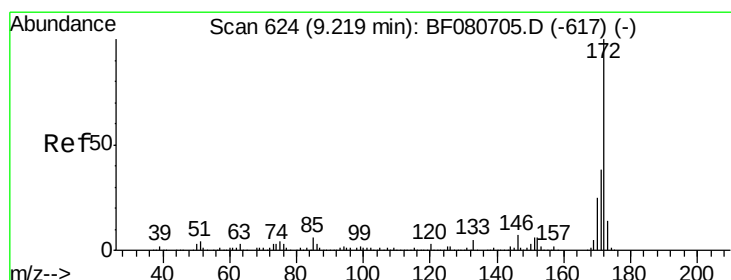
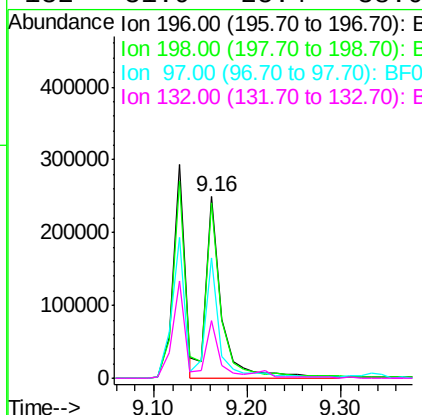
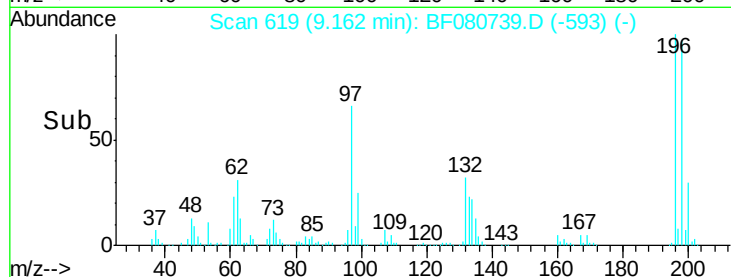
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	300027		
198	96.5	77.8	116.8	
97	66.5	49.0	73.4	
132	31.9	25.4	38.0	

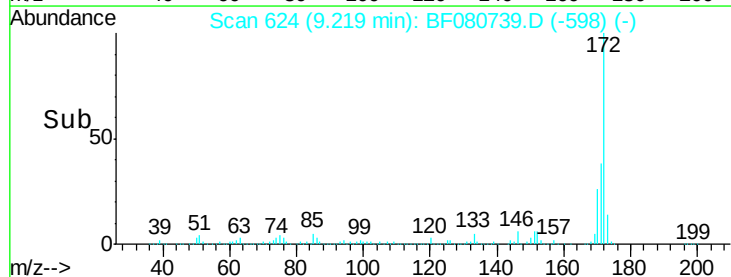
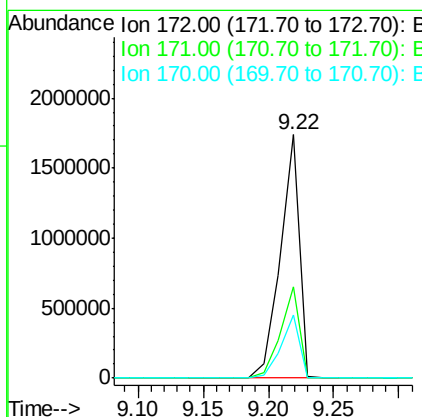
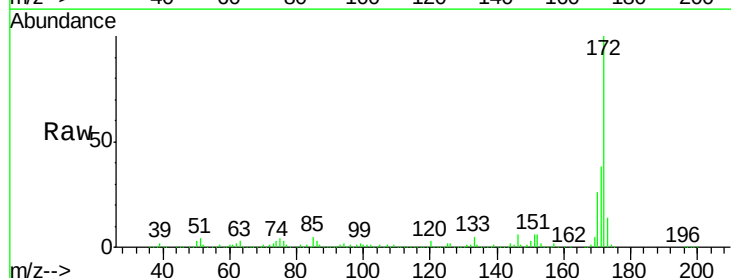
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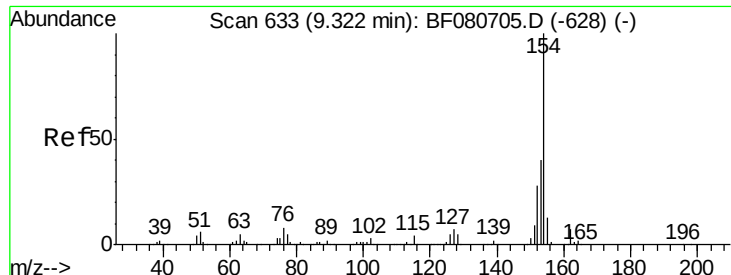
MMDadoda
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#44
 2-Fluorobiphenyl
 Concen: 77.30 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1772294		
171	37.8	30.2	45.4	
170	25.7	20.2	30.2	





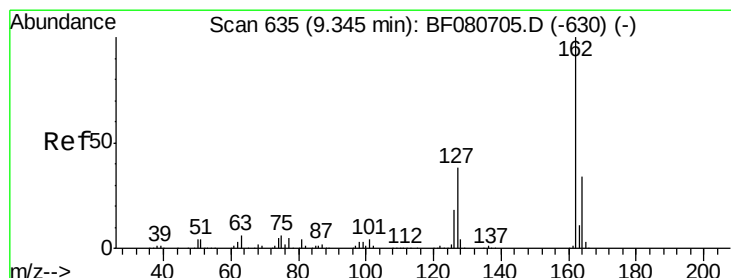
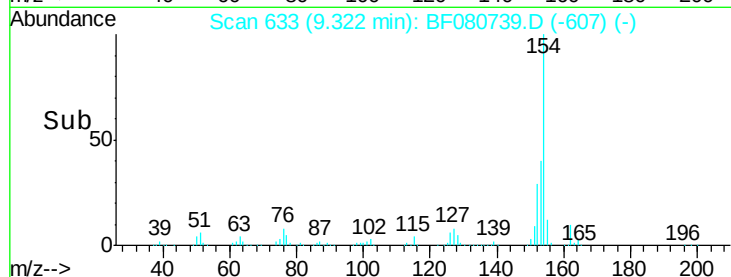
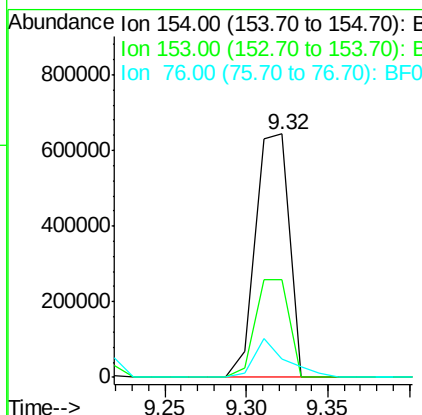
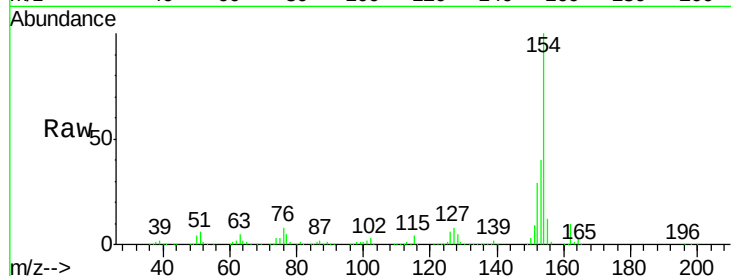
#45
 1,1'-Biphenyl
 Concen: 35.12 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	19.9	59.9	
76	7.5	0.0	28.3	

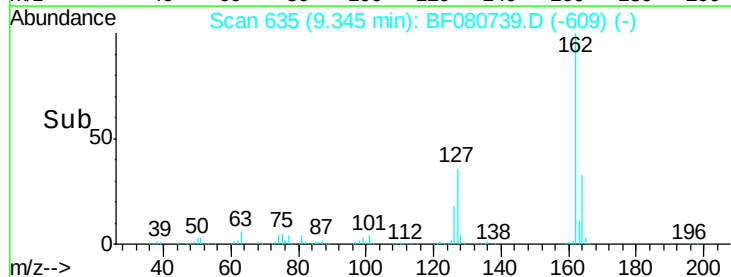
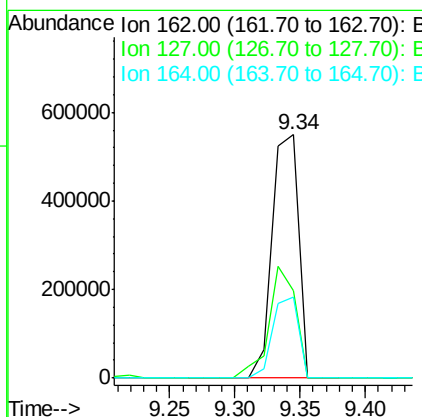
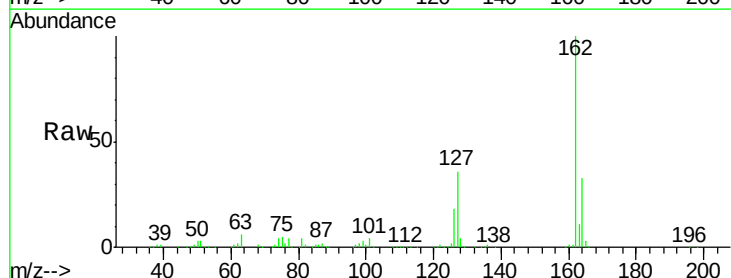
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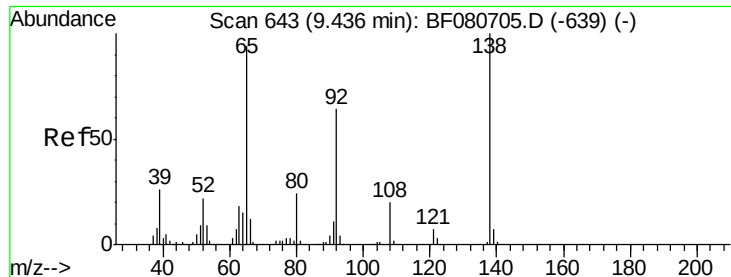
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 8/3/2015 11:56:12 AM



#46
 2-Chloronaphthalene
 Concen: 36.46 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.8	30.2	45.4	
164	33.1	27.1	40.7	





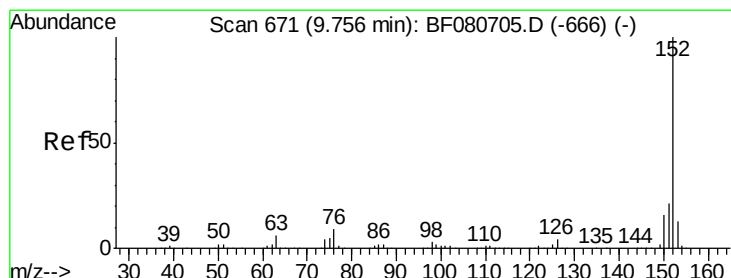
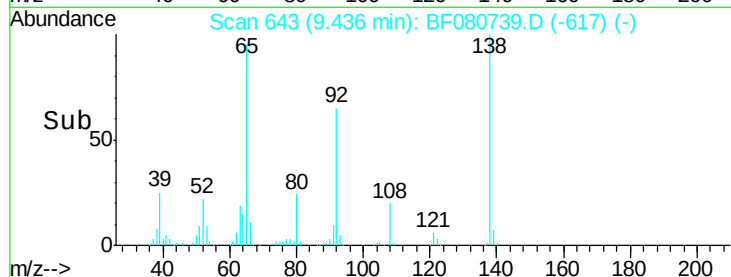
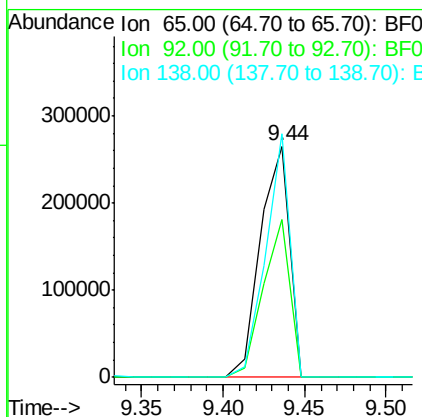
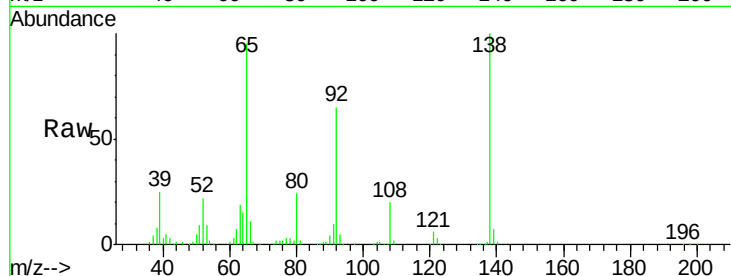
#47
2-Nitroaniline
Concen: 39.61 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.9	82.3
138	105.3	85.1	127.7

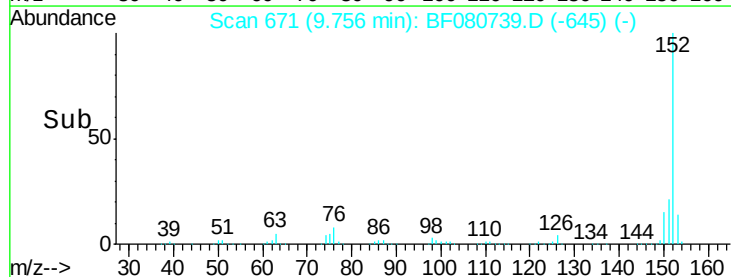
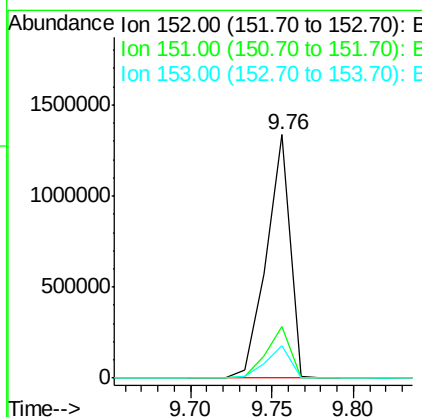
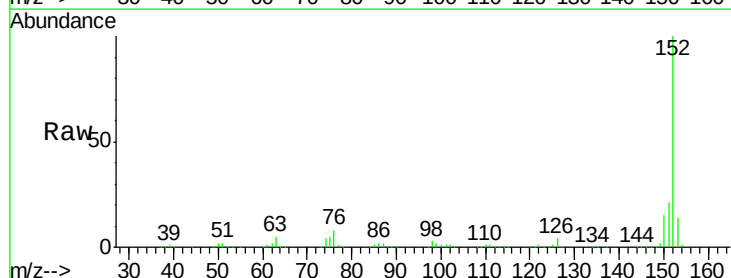
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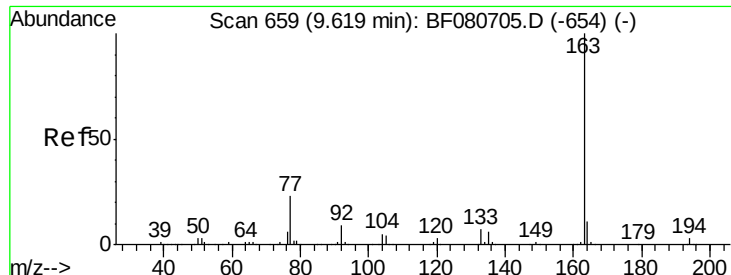
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#48
Acenaphthylene
Concen: 39.61 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6
153	13.5	10.8	16.2





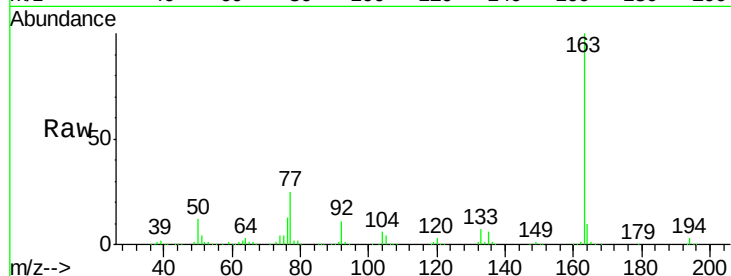
#49
Dimethylphthalate
Concen: 37.63 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

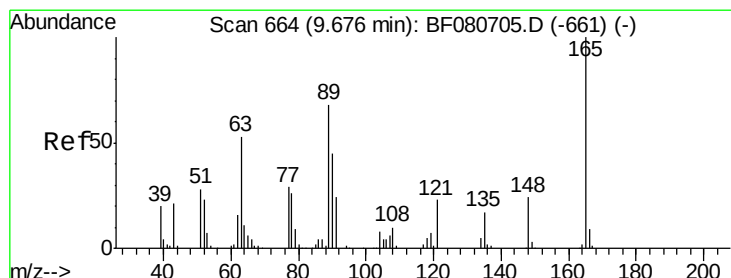
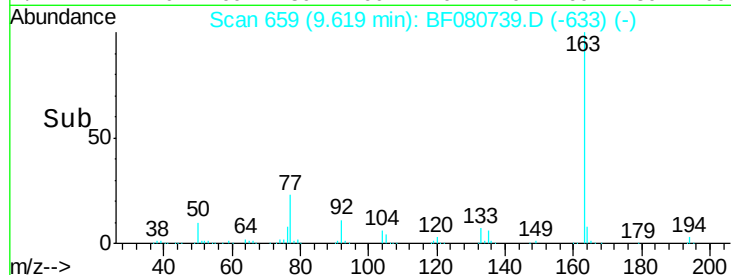
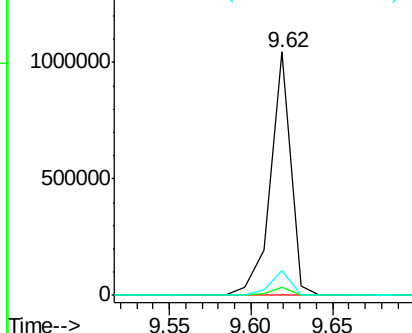
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	907144		
194	3.4	2.7	4.1	
164	10.3	8.7	13.1	

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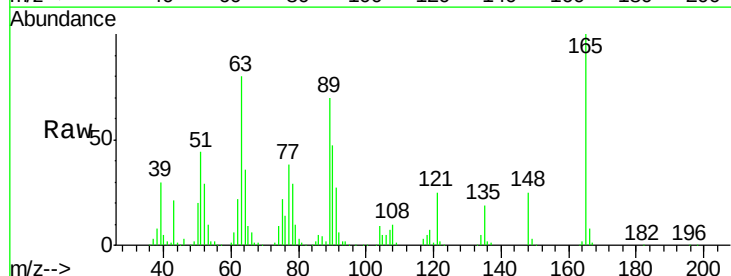


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

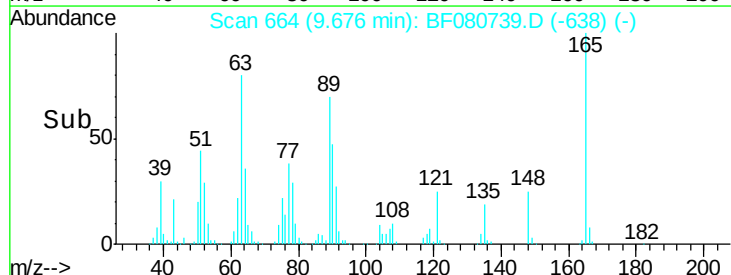
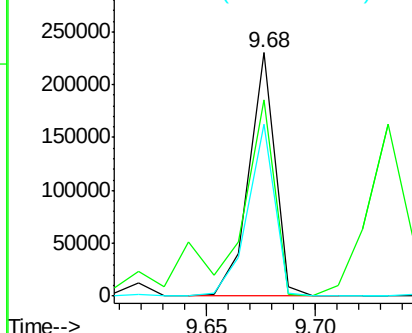


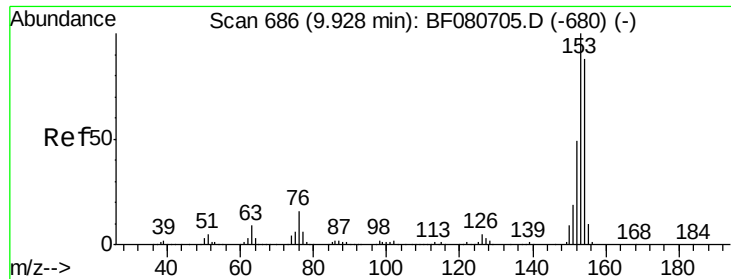
#50
2,6-Dinitrotoluene
Concen: 37.85 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	193644		
63	80.4	62.3	93.5	
89	70.5	54.8	82.2	



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





#51

Acenaphthene

Concen: 39.73 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080739.D

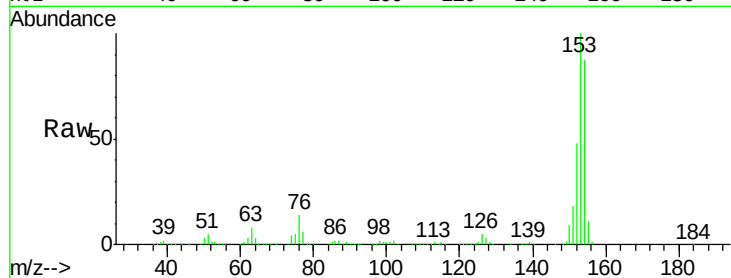
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:154 Resp: 825587

Ion Ratio Lower Upper

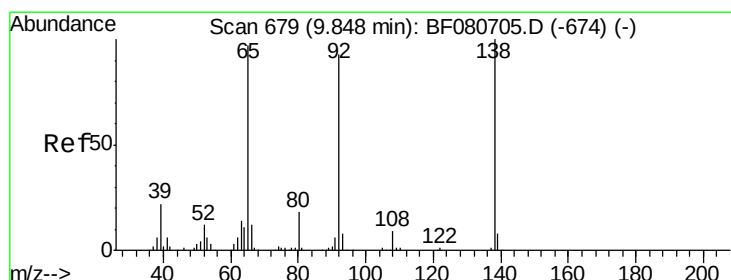
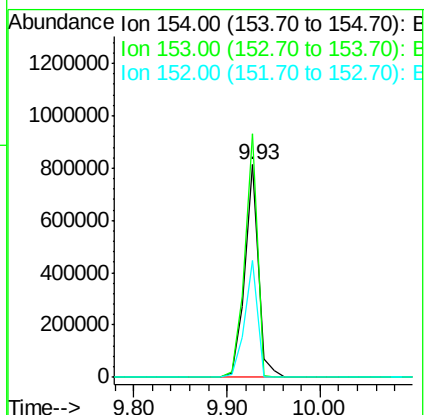
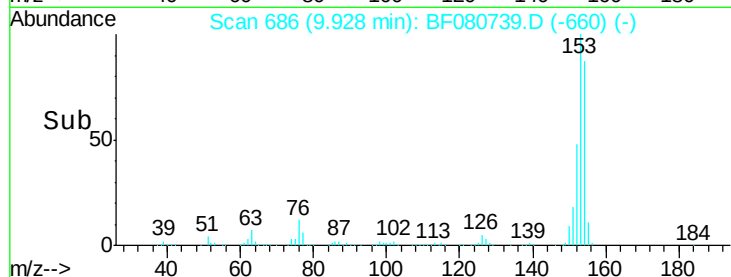
154 100

153 114.5 90.7 136.1

152 55.1 44.2 66.4

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#52

3-Nitroaniline

Concen: 39.26 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

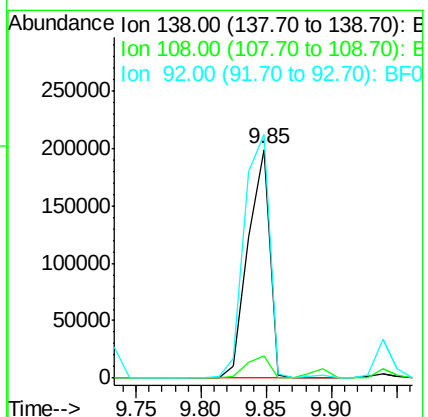
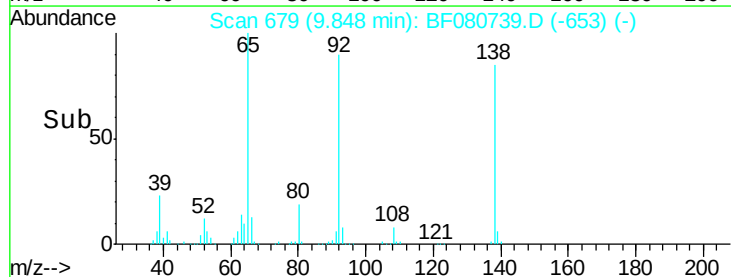
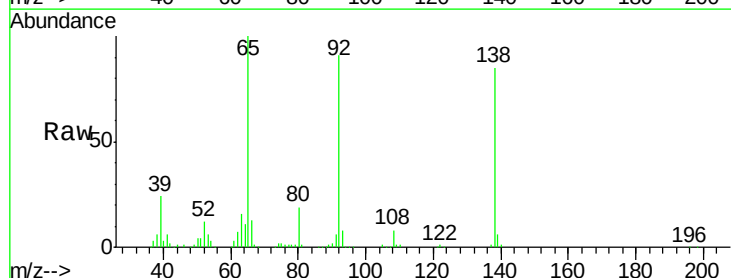
Tgt Ion:138 Resp: 231778

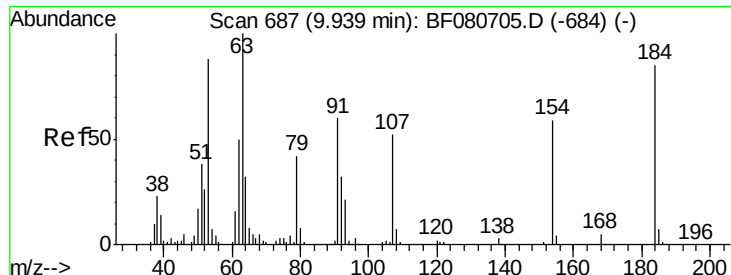
Ion Ratio Lower Upper

138 100

108 9.8 6.9 10.3

92 106.5 74.1 111.1





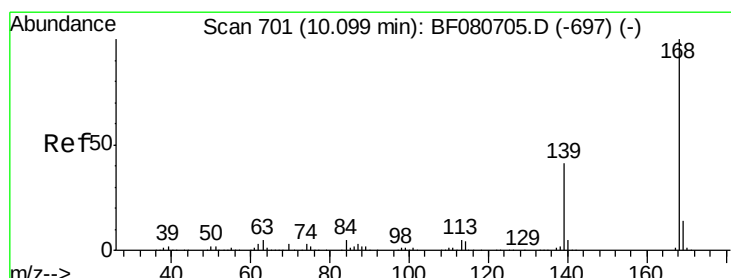
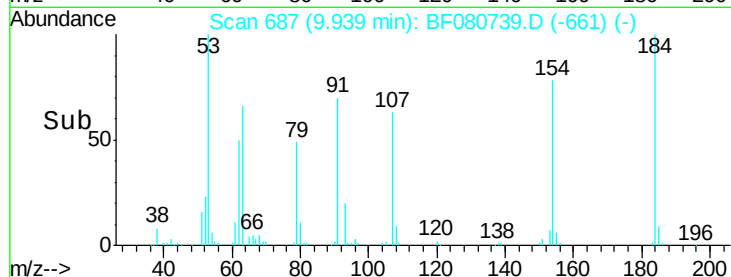
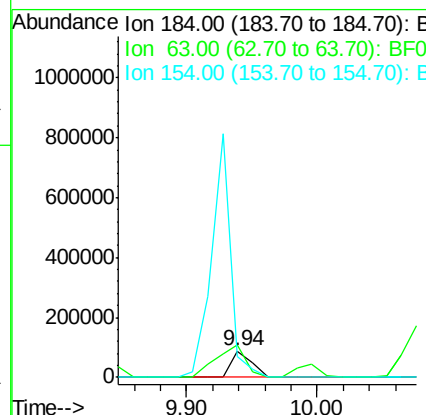
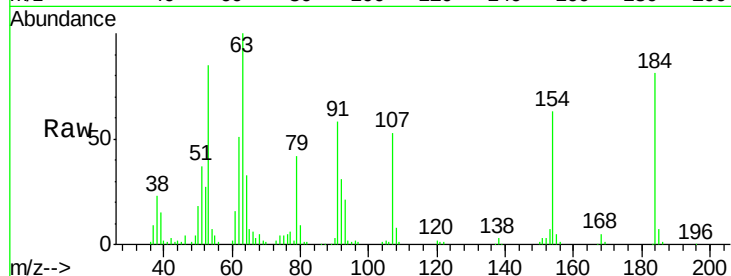
#53
2,4-Dinitrophenol
Concen: 36.22 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

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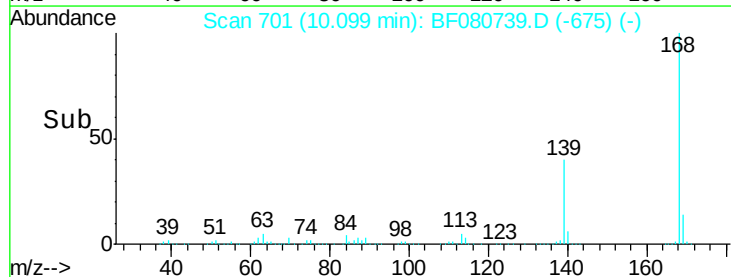
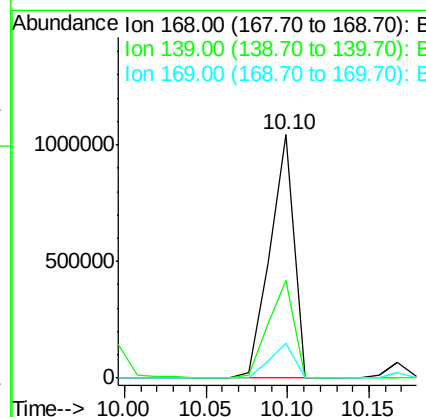
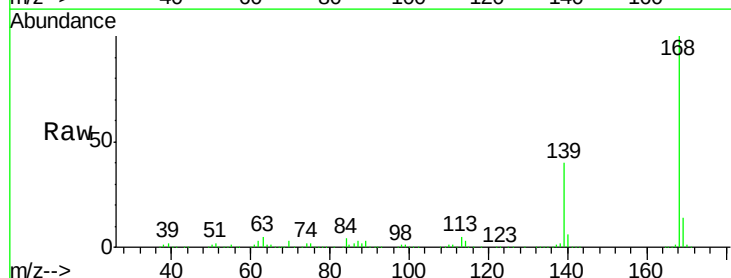
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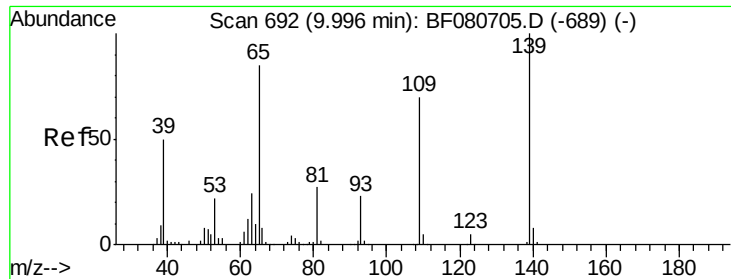
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	98693		
63	123.7	96.0	144.0	
154	78.5	66.0	99.0	



#54
Dibenzofuran
Concen: 38.64 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1074138		
139	40.3	33.0	49.6	
169	14.2	11.4	17.2	





#55

4-Nitrophenol

Concen: 37.12 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080739.D

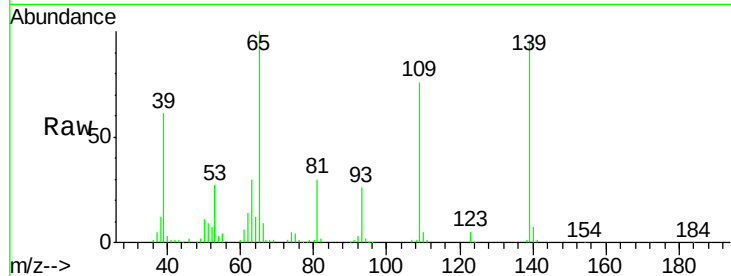
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

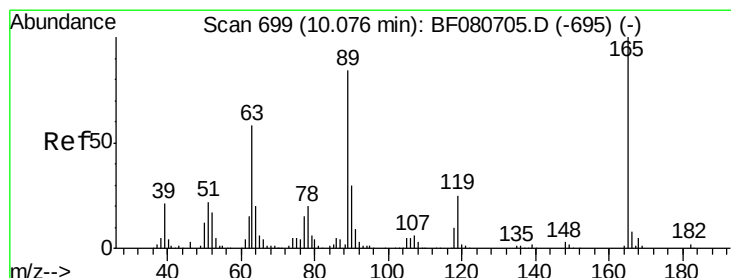
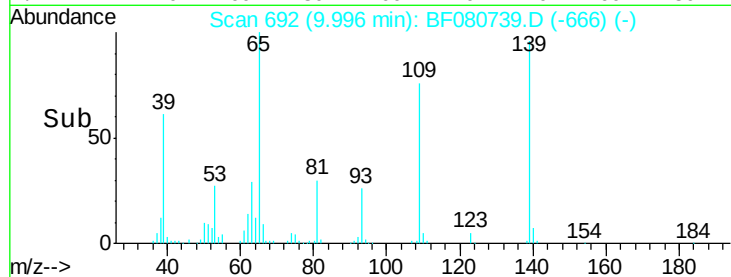
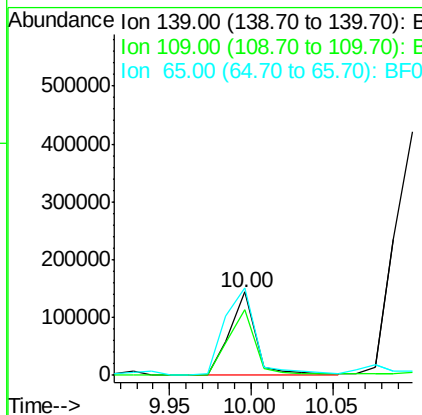
SSTDCCC040EC



Tgt Ion:	139	Resp:	161448
Ion Ratio	Lower	Upper	
139	100		
109	79.1	50.4	90.4
65	104.6	66.1	106.1

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#56

2,4-Dinitrotoluene

Concen: 40.43 ng

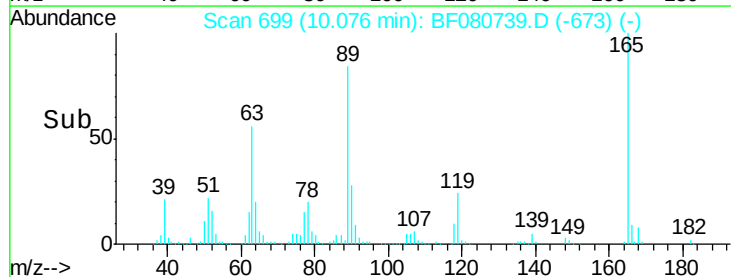
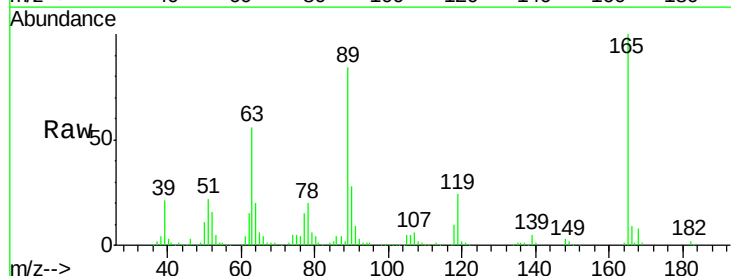
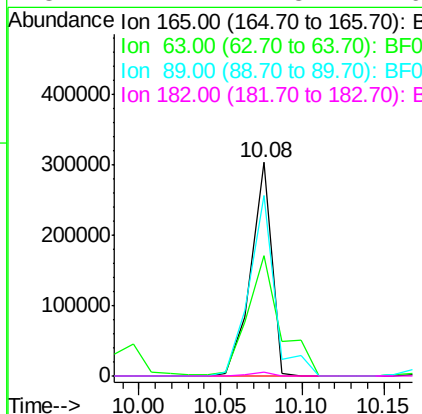
RT: 10.08 min Scan# 699

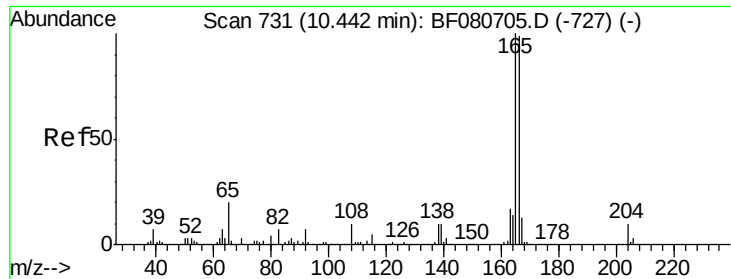
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion:	165	Resp:	271226
Ion Ratio	Lower	Upper	
165	100		
63	56.2	46.7	70.1
89	84.2	67.4	101.2
182	2.1	1.8	2.6





#57

Fluorene

Concen: 37.94 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

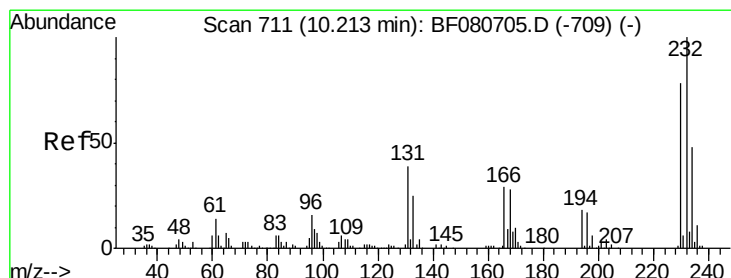
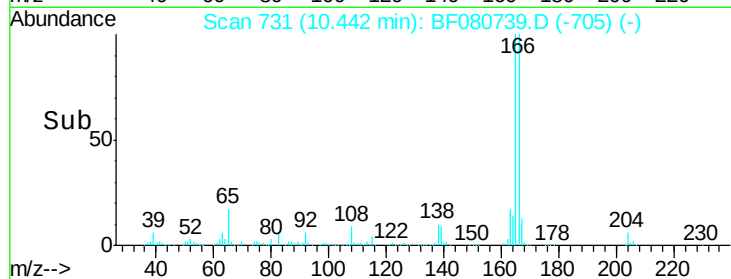
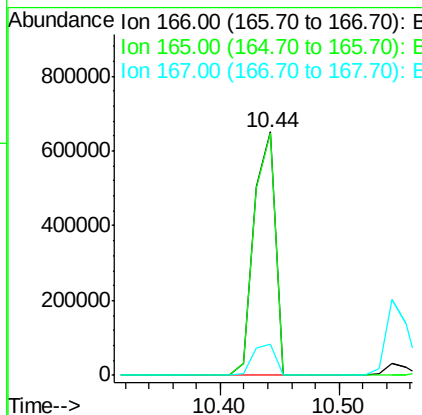
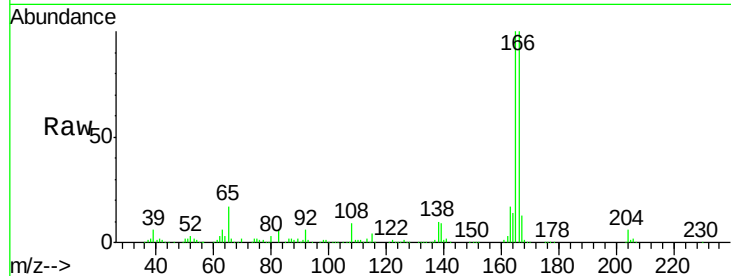
ClientSampleId :

SSTDCCC040EC

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	818591		
165	99.6	81.0	121.4	
167	12.9	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.85 ng

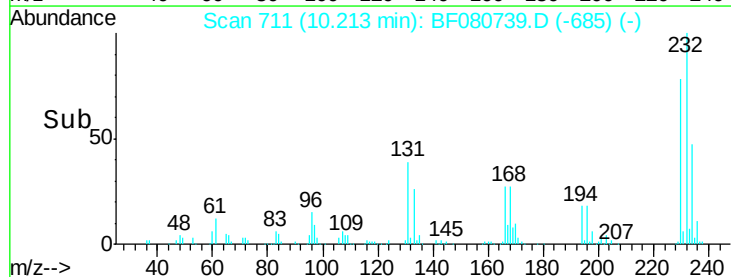
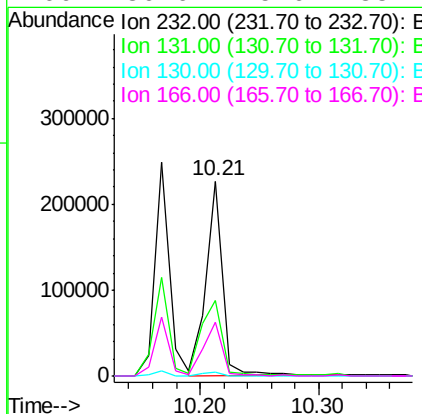
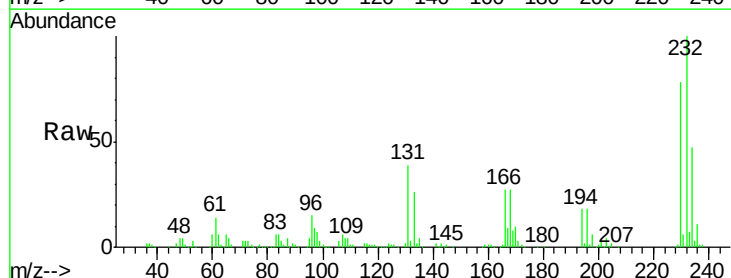
RT: 10.21 min Scan# 711

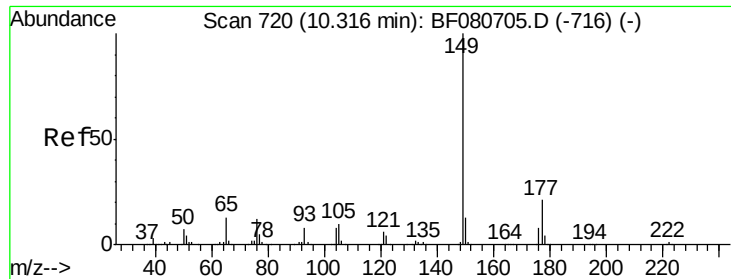
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	222765		
131	50.0	38.2	57.2	
130	2.3	1.8	2.6	
166	30.6	25.6	38.4	





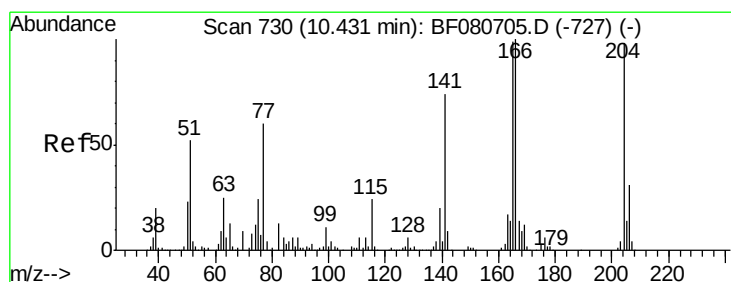
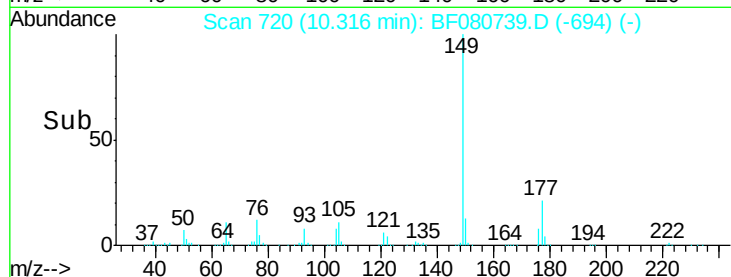
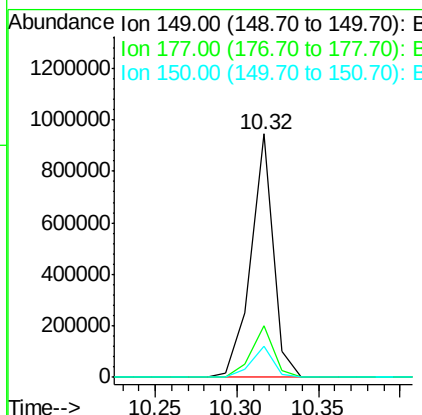
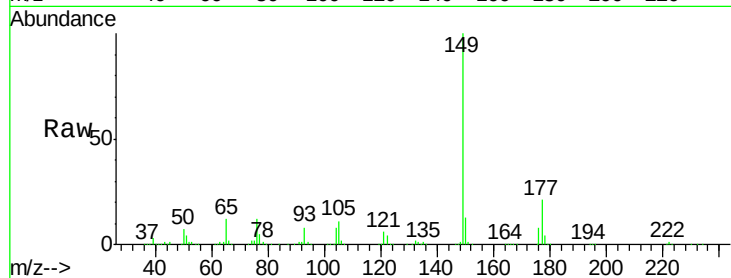
#59
Diethylphthalate
Concen: 38.74 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	900037		
177	21.1	16.6	25.0	
150	13.0	10.2	15.4	

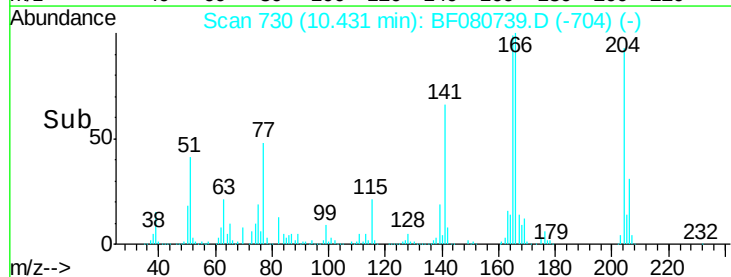
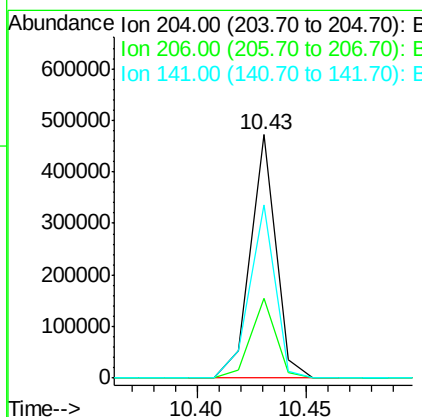
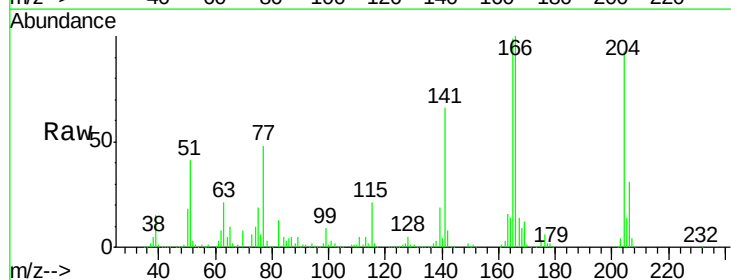
Manual Integrations
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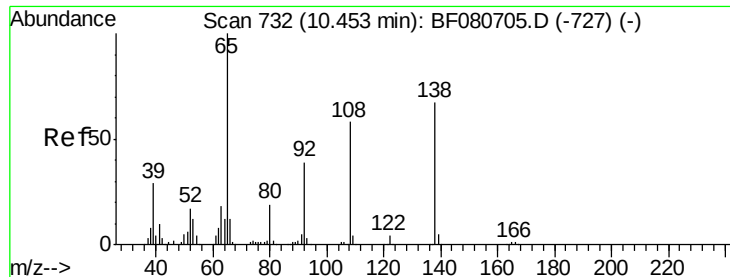
MMDadoda
8/3/2015 11:56:12 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.08 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	384588		
206	32.9	25.1	37.7	
141	70.9	60.3	90.5	





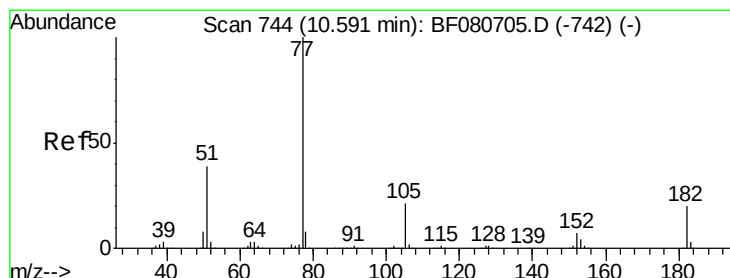
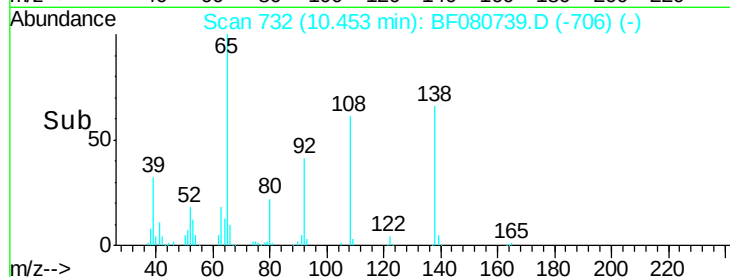
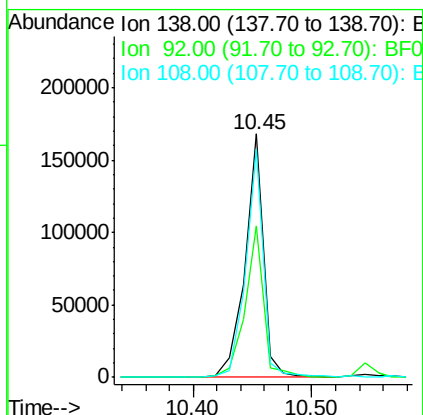
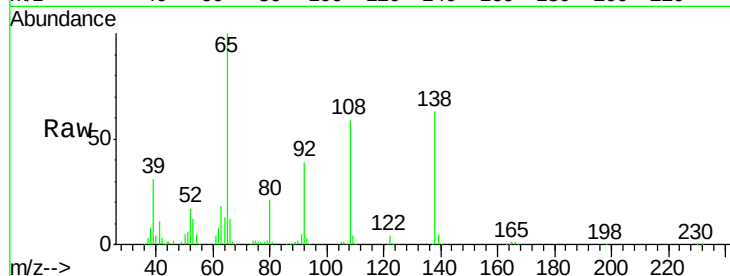
#61
4-Nitroaniline
Concen: 34.58 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.1	38.2	78.2
108	93.7	66.3	106.3

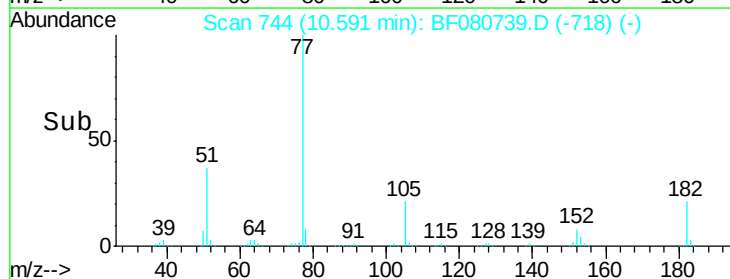
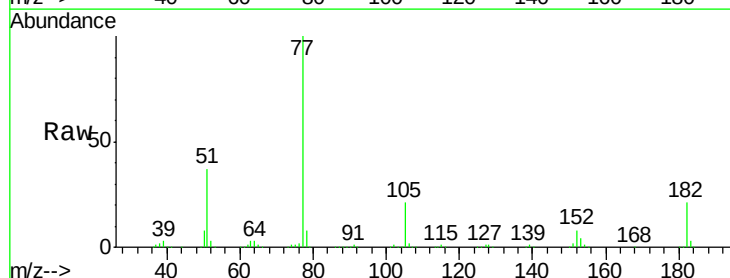
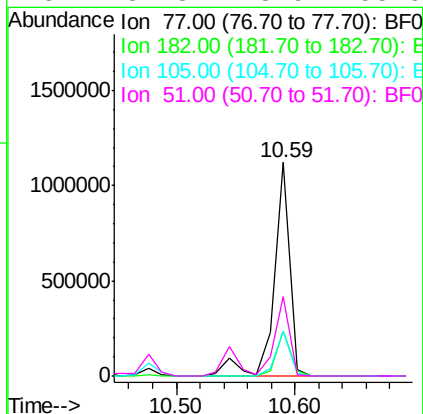
Manual Integrations
APPROVED

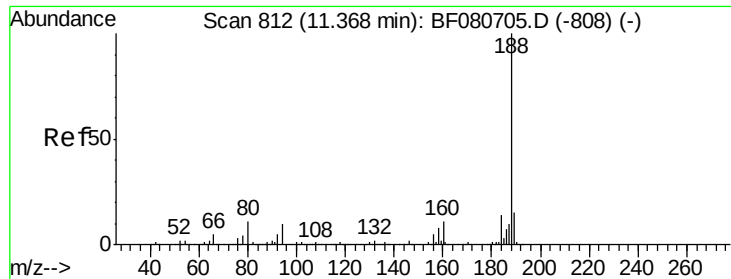
MMDadoda
8/3/2015 11:56:12 AM



#62
Azobenzene
Concen: 41.53 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.8	0.0	39.9
105	21.2	1.1	41.1
51	37.3	18.9	58.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF080739.D

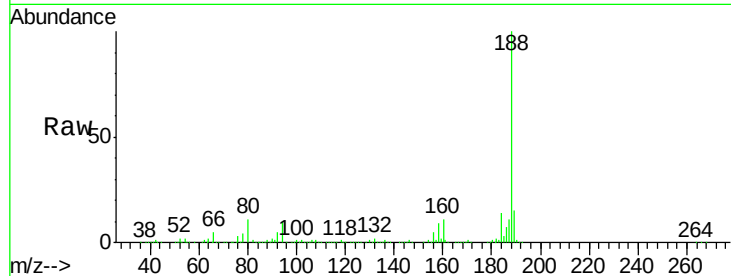
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

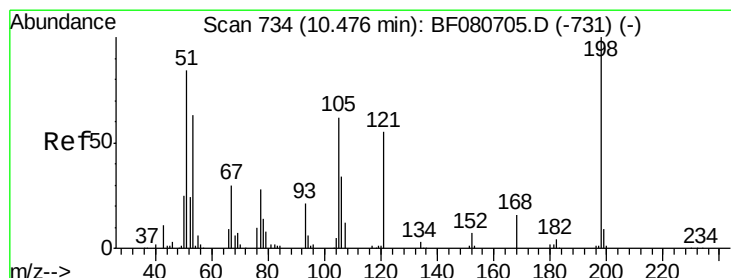
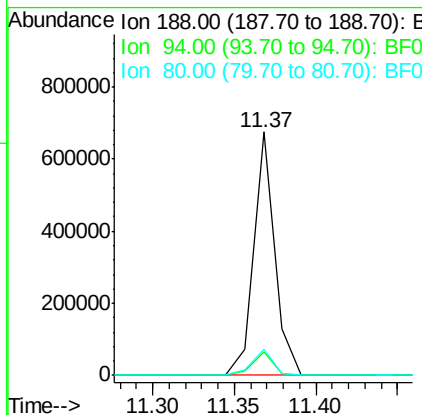
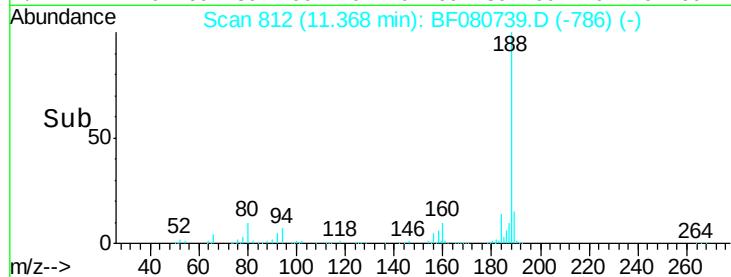
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	604867		
94	9.6	8.1	12.1	
80	10.5	9.1	13.7	

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.73 ng

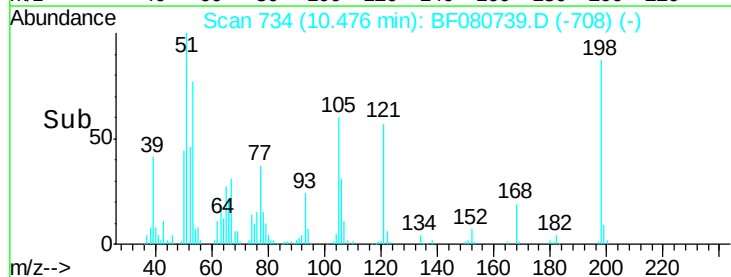
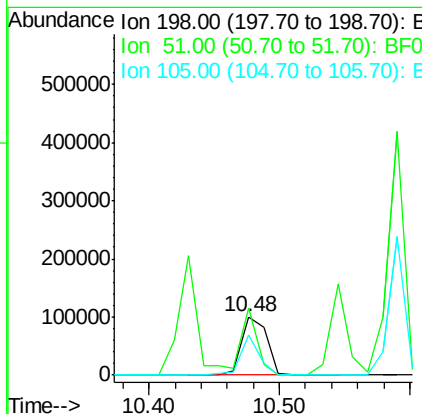
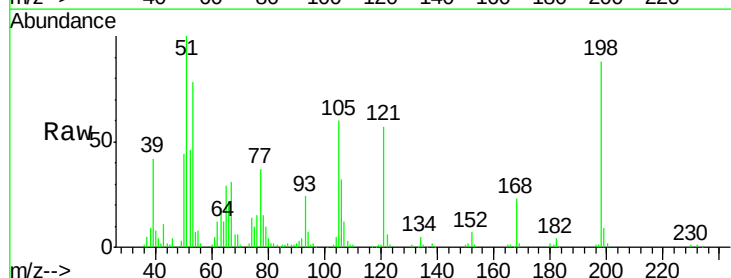
RT: 10.48 min Scan# 734

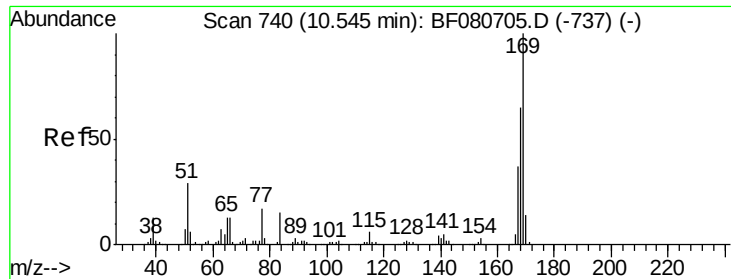
Delta R.T. 0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	133814		
51	113.3	84.6	124.6	
105	67.7	43.0	83.0	





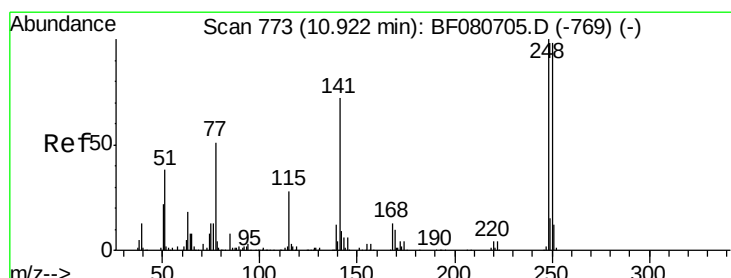
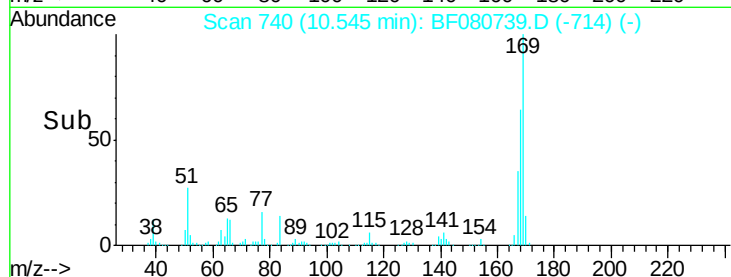
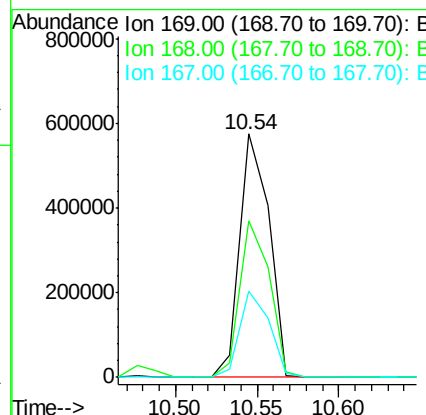
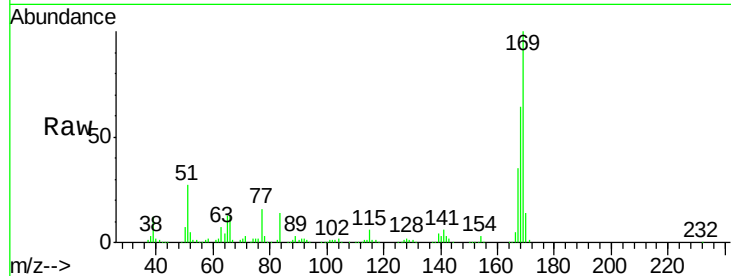
#65
n-Nitrosodiphenylamine
Concen: 35.92 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	712174		
168	64.5	52.1	78.1	
167	35.4	29.3	43.9	

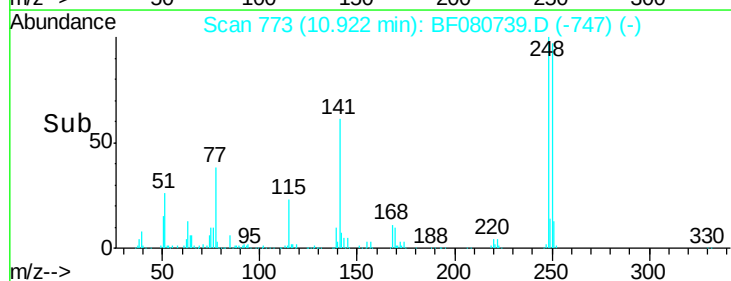
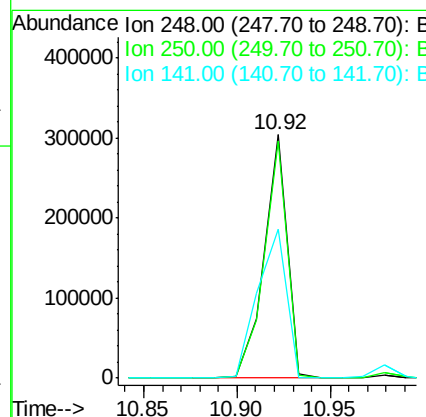
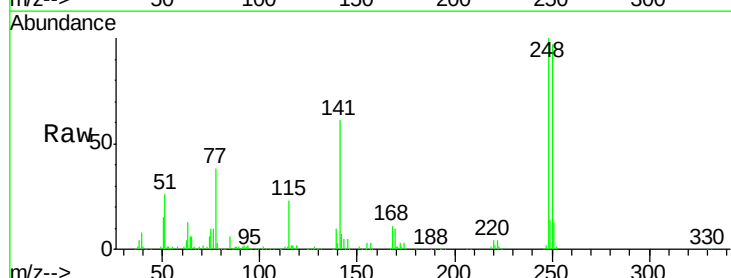
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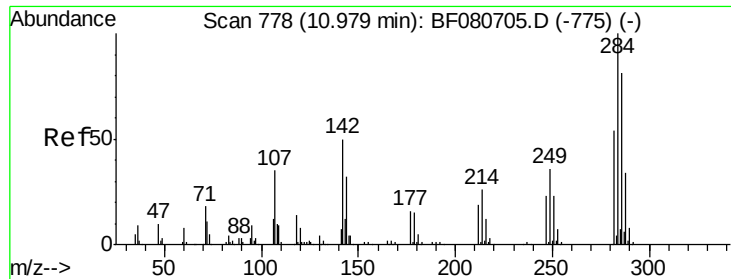
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#66
4-Bromophenyl-phenylether
Concen: 42.25 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	263781		
250	97.3	78.4	117.6	
141	61.4	57.5	86.3	





#67

Hexachlorobenzene

Concen: 35.34 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080739.D

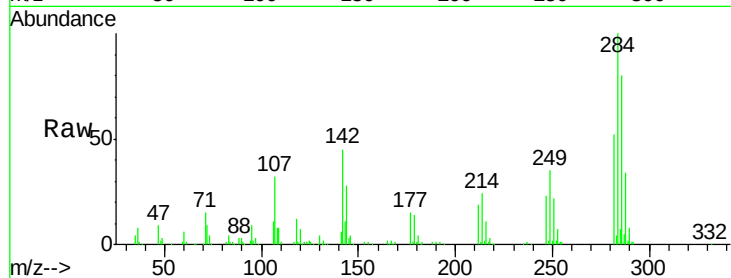
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

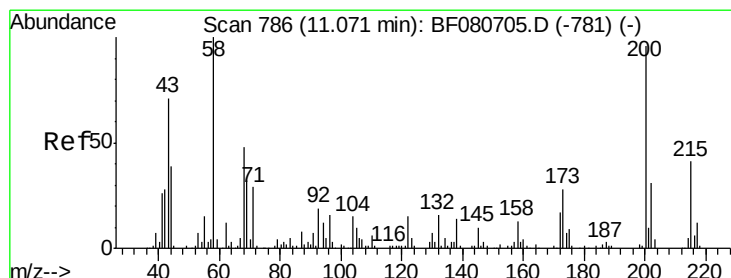
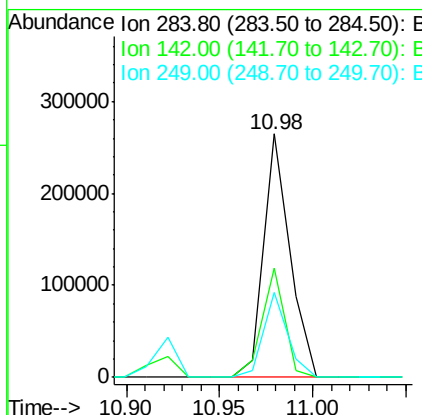
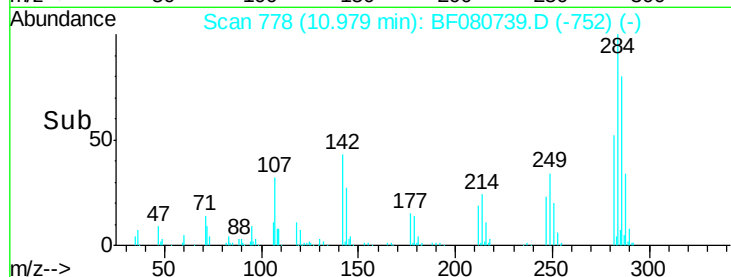
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	255129		
142	44.9	39.8	59.6	
249	35.0	28.7	43.1	

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#68

Atrazine

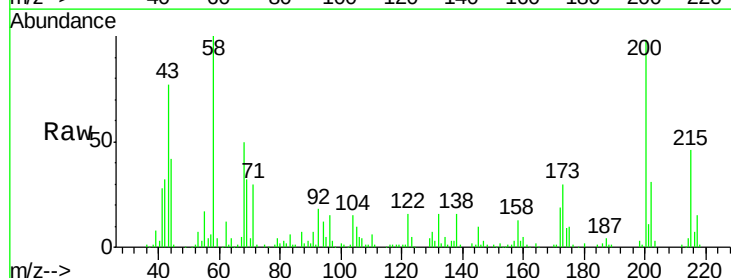
Concen: 37.74 ng

RT: 11.07 min Scan# 786

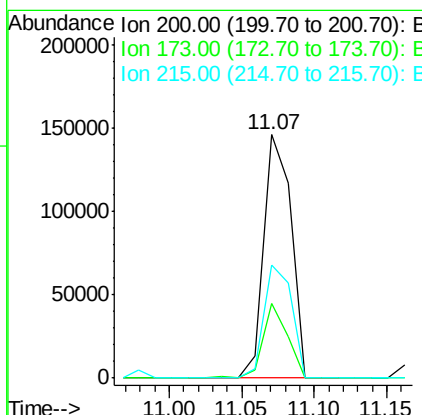
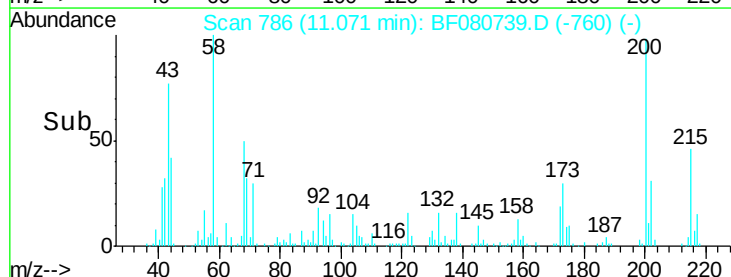
Delta R.T. 0.00 min

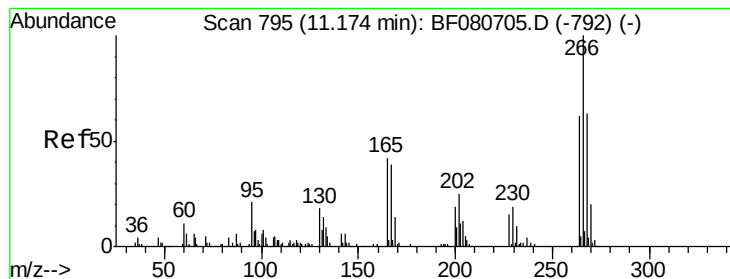
Lab File: BF080739.D

Acq: 31 Jul 2015 17:46



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	190517		
173	30.8	8.6	48.6	
215	46.3	22.2	62.2	





#69

Pentachlorophenol

Concen: 39.95 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080739.D

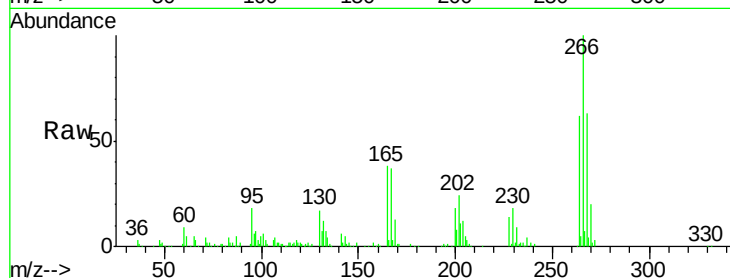
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:266 Resp: 174539

Ion Ratio Lower Upper

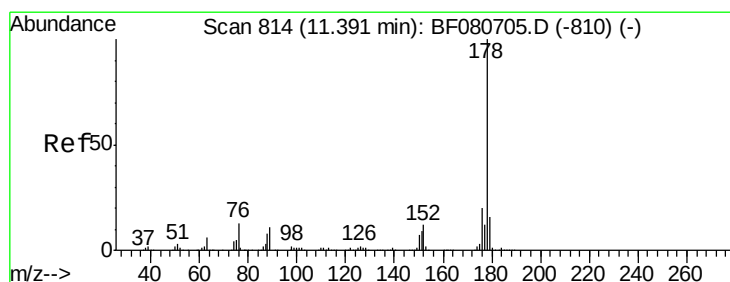
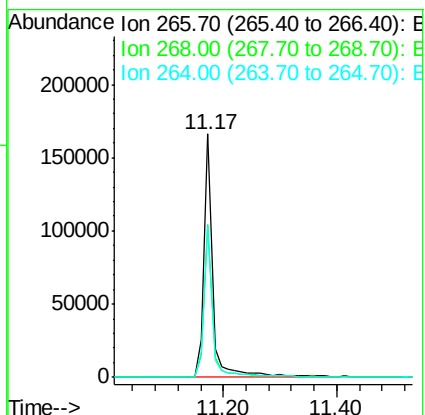
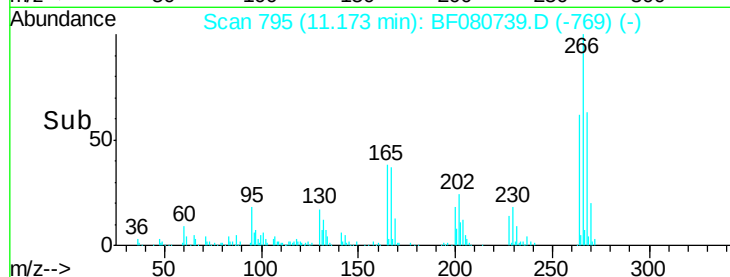
266 100

268 62.8 50.5 75.7

264 62.4 50.0 75.0

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#70

Phenanthrene

Concen: 34.66 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

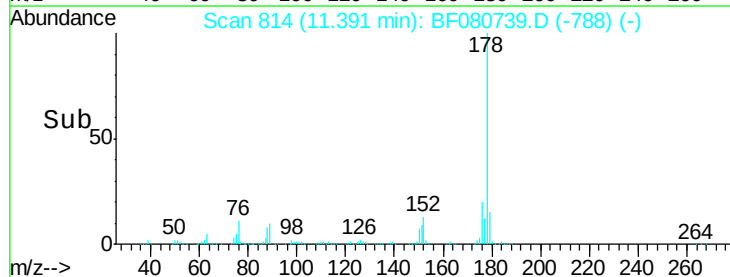
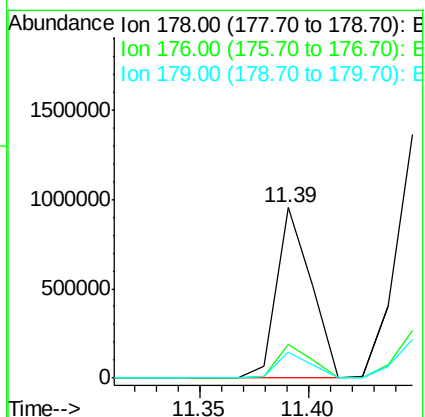
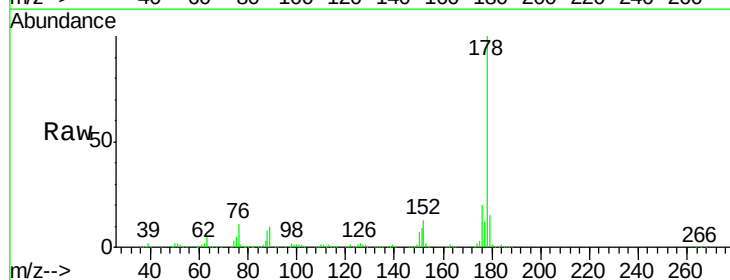
Tgt Ion:178 Resp: 1056377

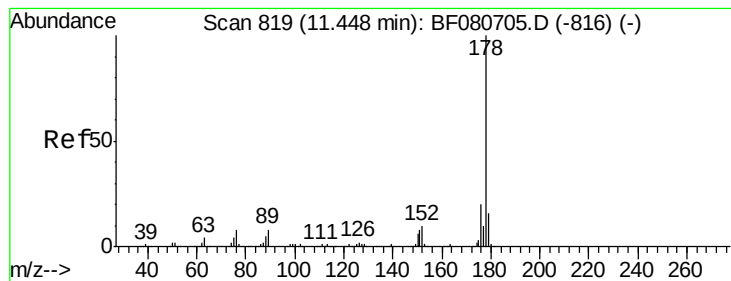
Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

179 15.4 13.0 19.4





#71

Anthracene

Concen: 41.32 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF080739.D

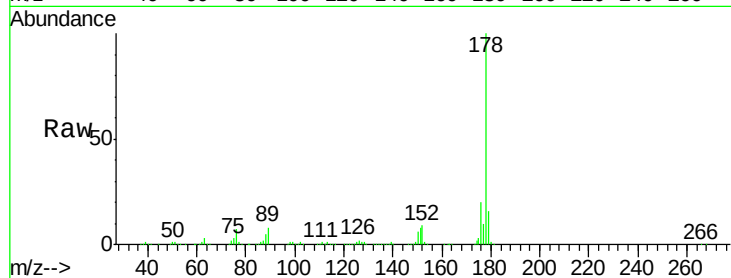
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:178 Resp: 1237385

Ion Ratio Lower Upper

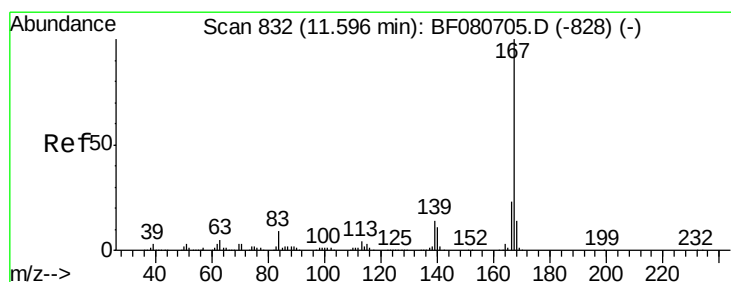
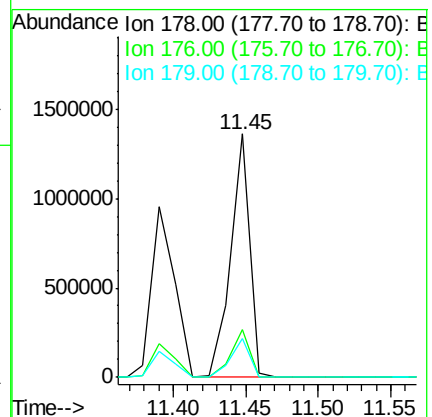
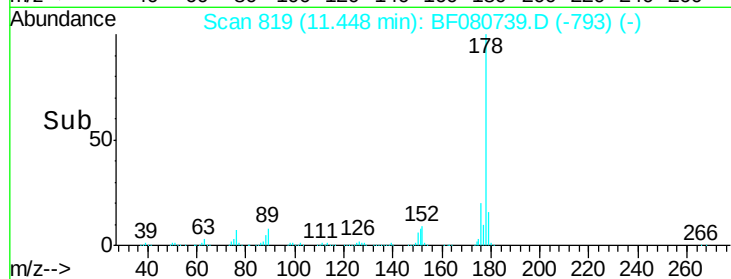
178 100

176 19.7 15.9 23.9

179 15.8 12.7 19.1

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#72

Carbazole

Concen: 34.91 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

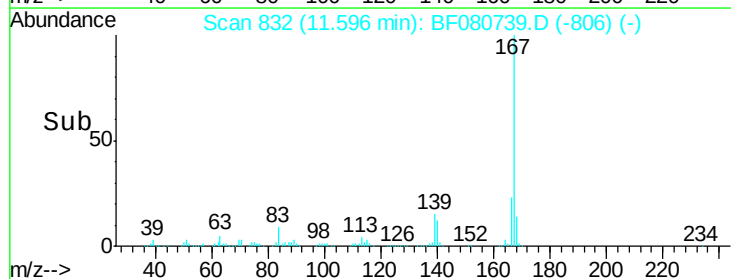
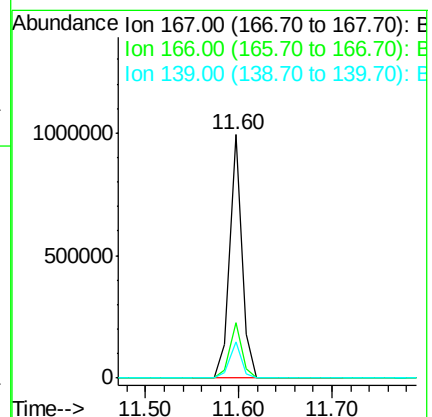
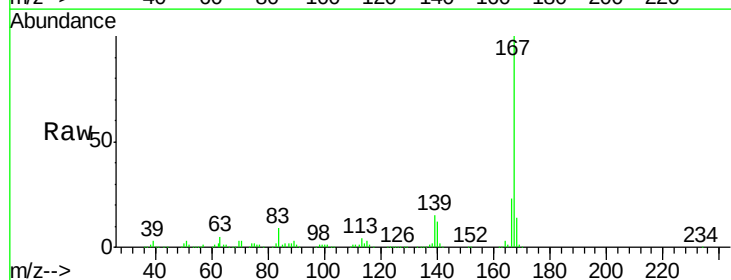
Tgt Ion:167 Resp: 907279

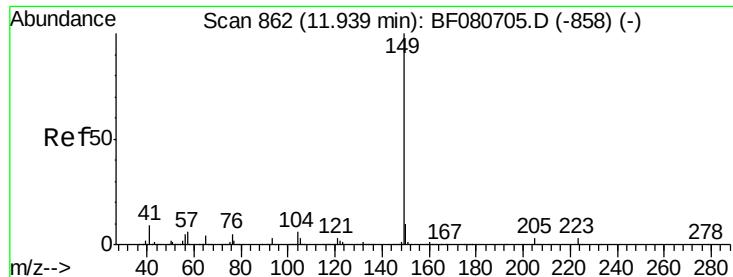
Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.4

139 14.8 11.5 17.3





#73

Di-n-butylphthalate

Concen: 41.90 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

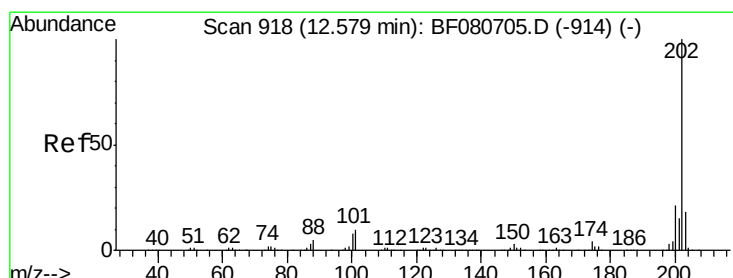
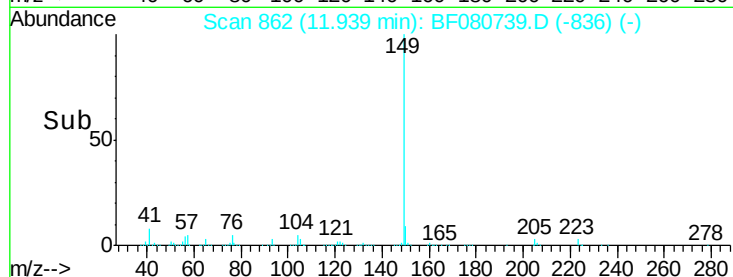
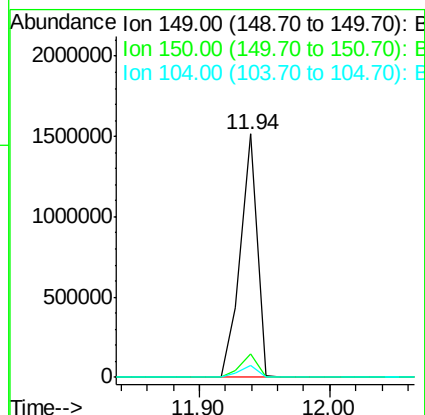
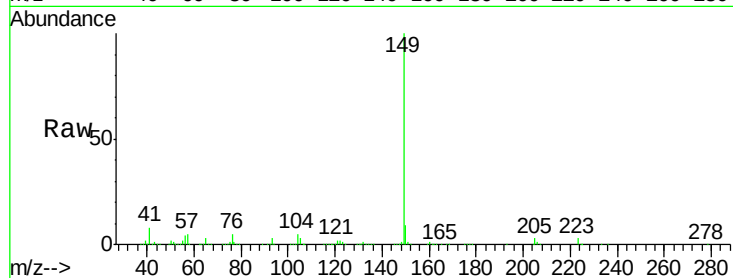
ClientSampleId :

SSTDCCC040EC

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Tgt Ion:	149	Resp:	1350237
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	5.1	4.4	6.6



#74

Fluoranthene

Concen: 40.28 ng

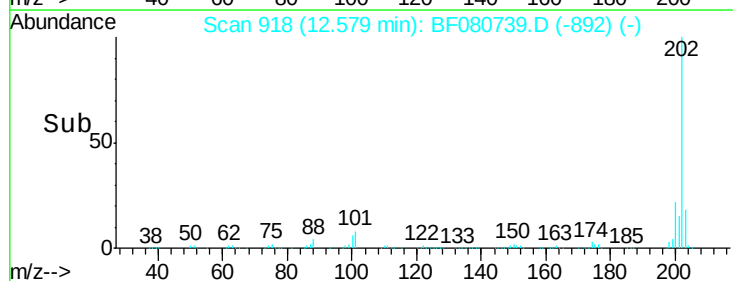
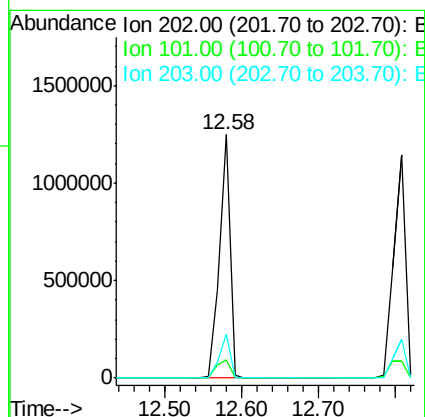
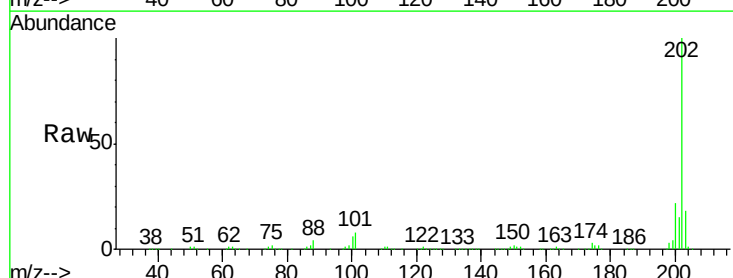
RT: 12.58 min Scan# 918

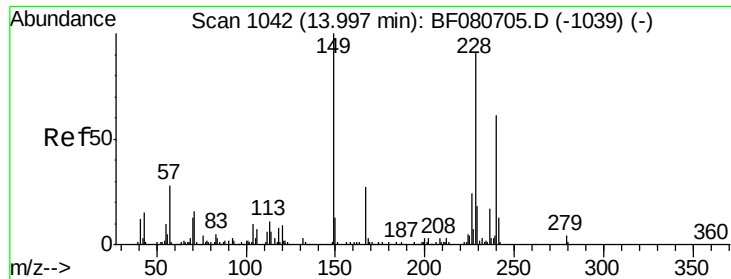
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion:	202	Resp:	1186701
Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	29.6
203	17.8	0.0	37.8





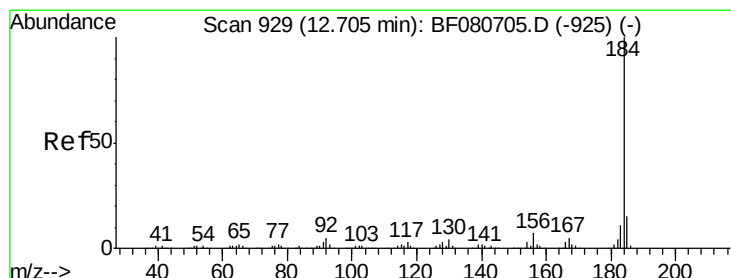
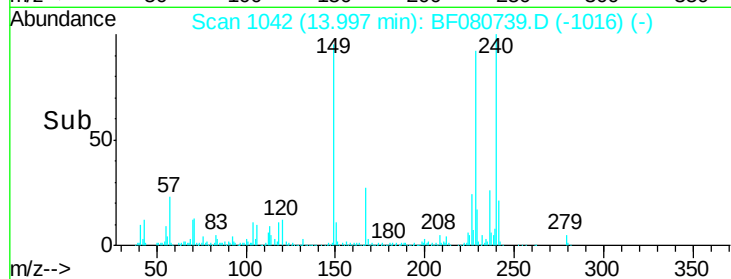
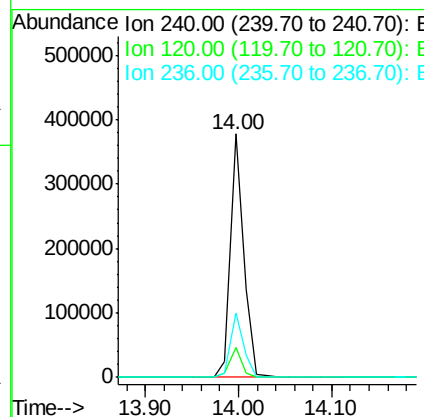
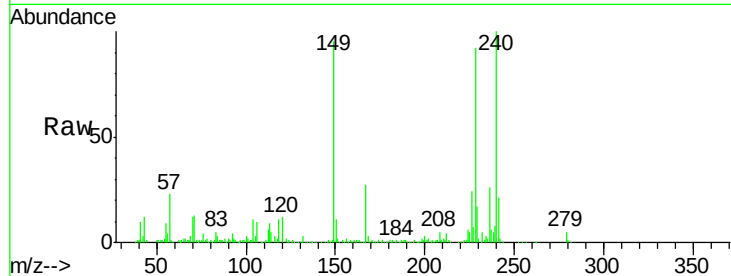
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	375931		
120	12.2	11.8	17.8	
236	26.3	21.8	32.8	

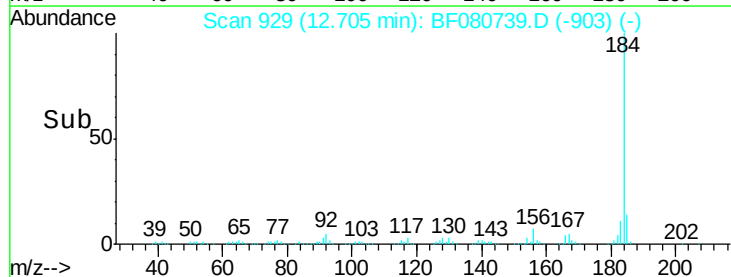
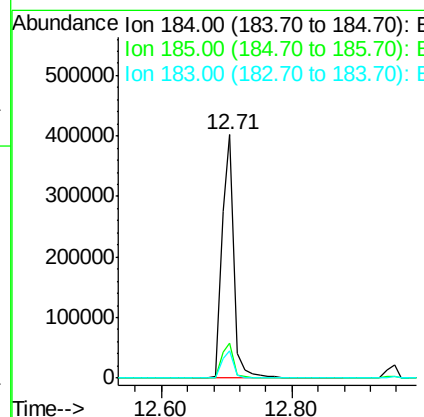
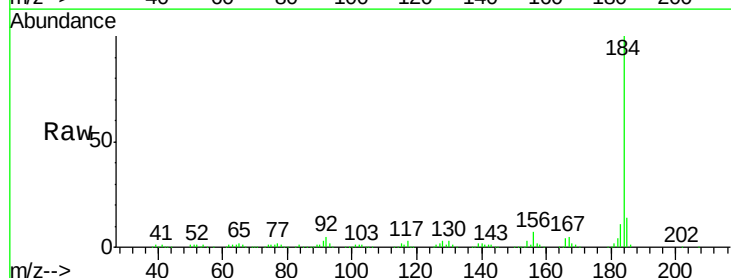
Manual Integrations
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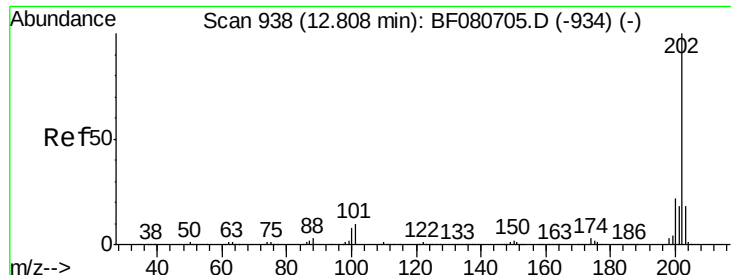
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#76
Benzidine
Concen: 37.88 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	518422		
185	14.4	12.0	18.0	
183	11.2	9.1	13.7	





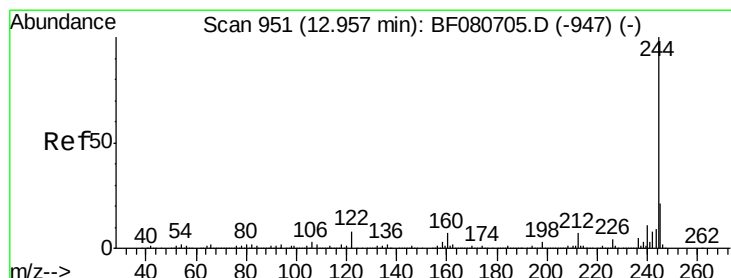
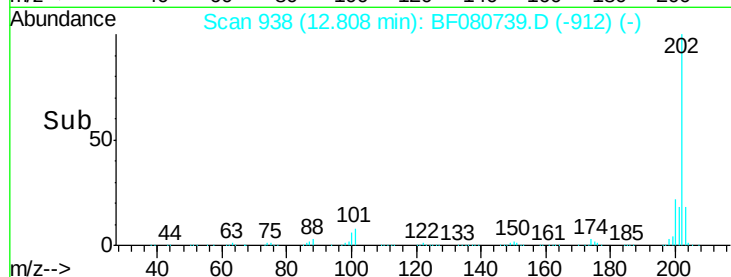
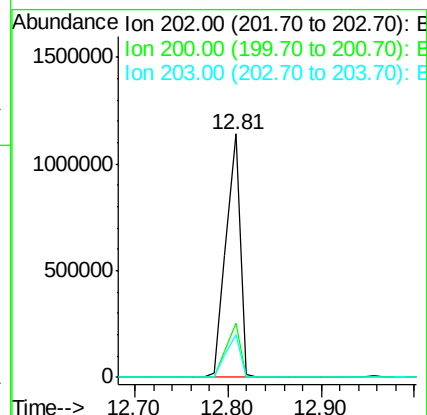
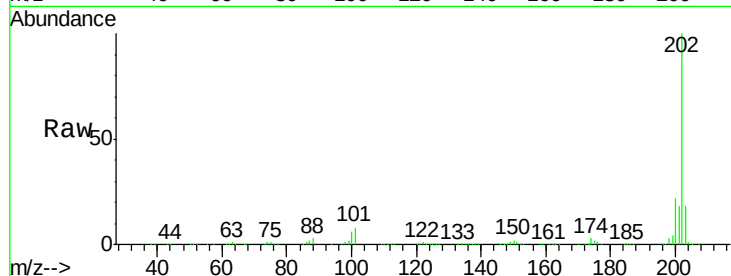
#77
Pyrene
 Concen: 41.13 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.4	26.2
203	17.5	14.2	21.2

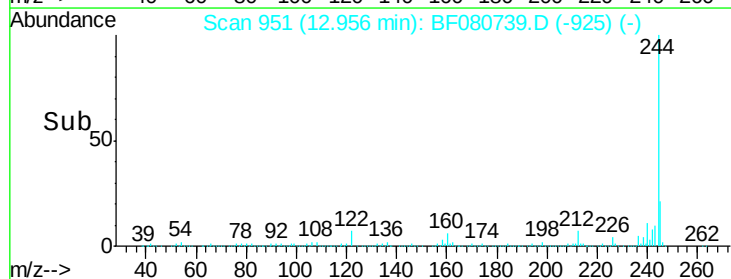
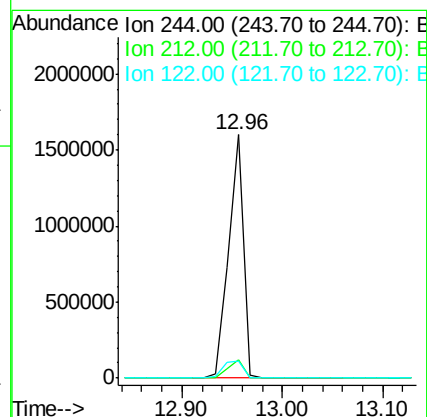
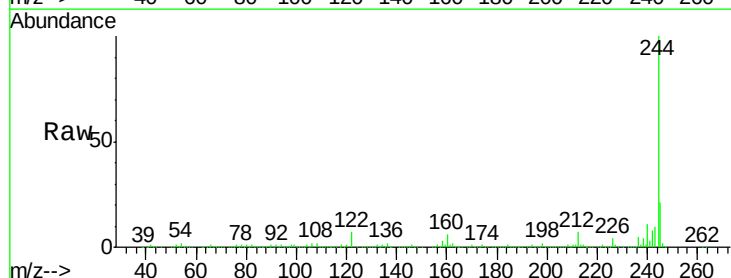
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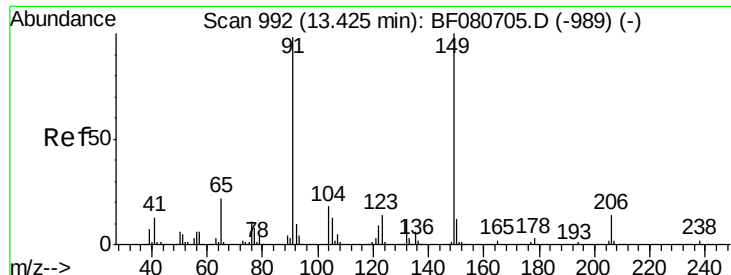
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 8/3/2015 11:56:12 AM



#78
Terphenyl-d14
 Concen: 81.87 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	7.0	6.6	9.8





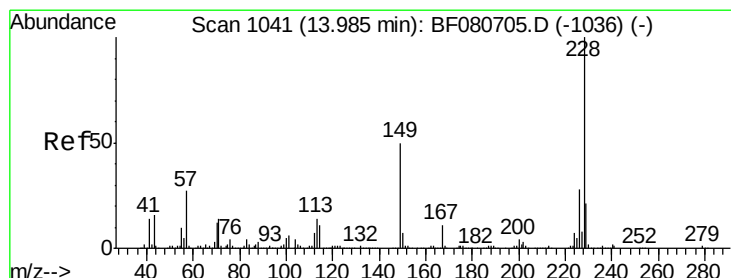
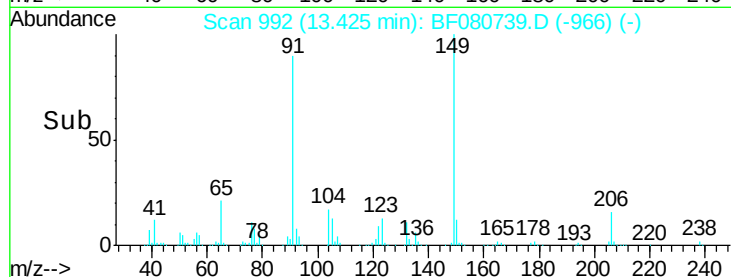
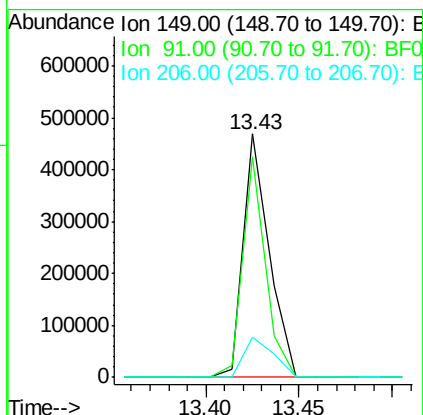
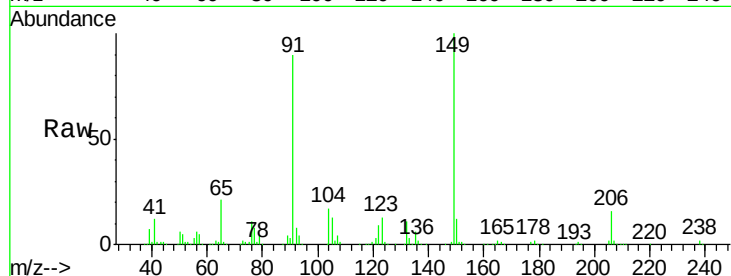
#79
Butylbenzylphthalate
Concen: 37.79 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	453753		
91	90.4	78.6	118.0	
206	16.4	11.4	17.2	

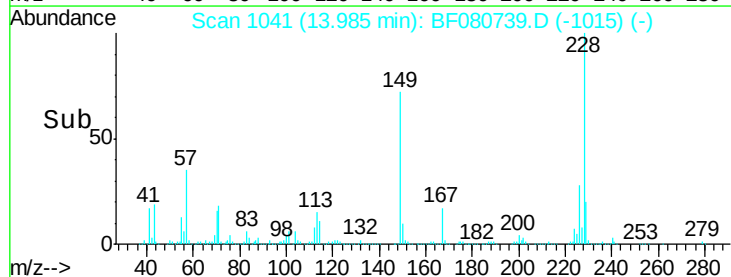
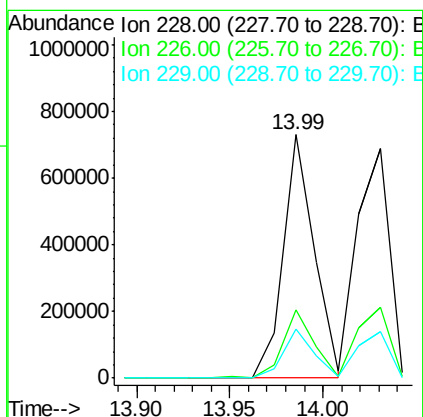
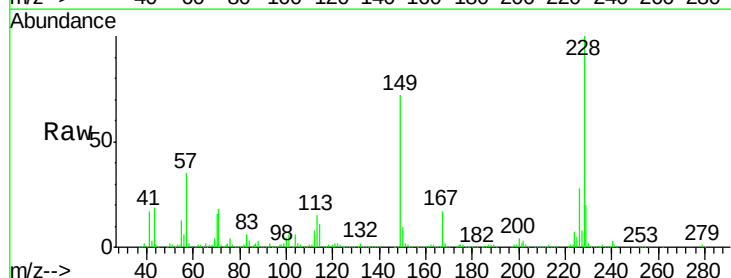
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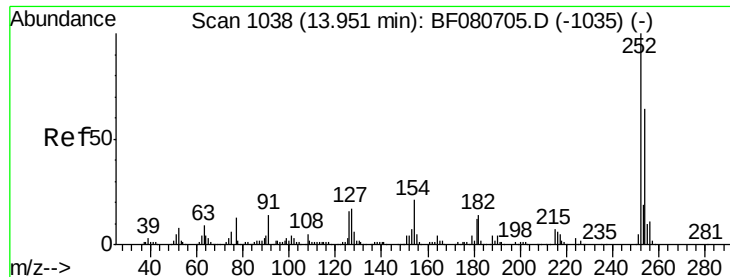
MMDadoda
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#80
Benzo(a)anthracene
Concen: 37.62 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	850588		
226	27.9	22.6	33.8	
229	20.3	16.6	25.0	





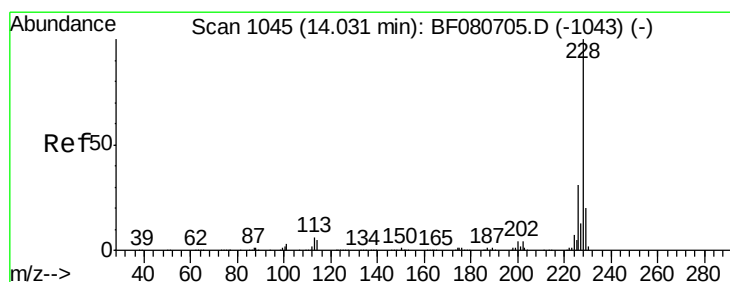
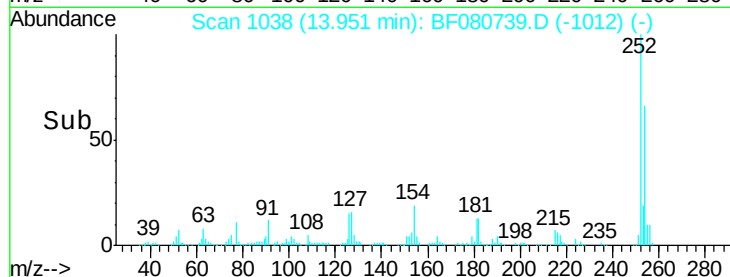
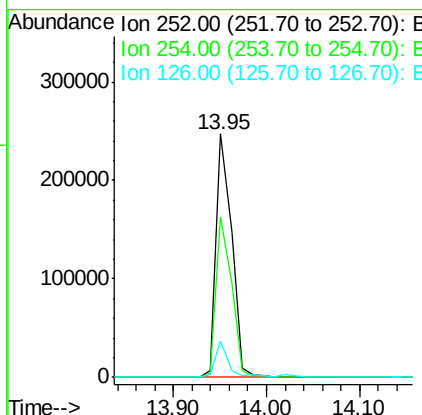
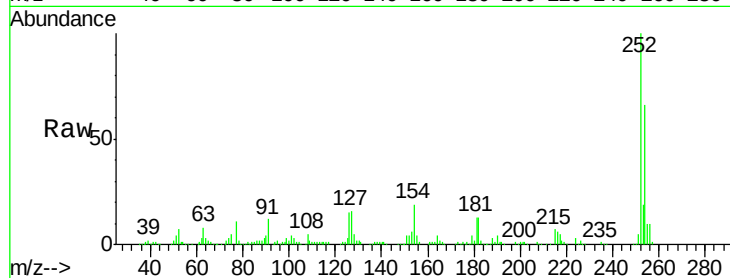
#81
 3,3'-Dichlorobenzidine
 Concen: 37.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.7	51.0	76.4
126	14.8	13.2	19.8

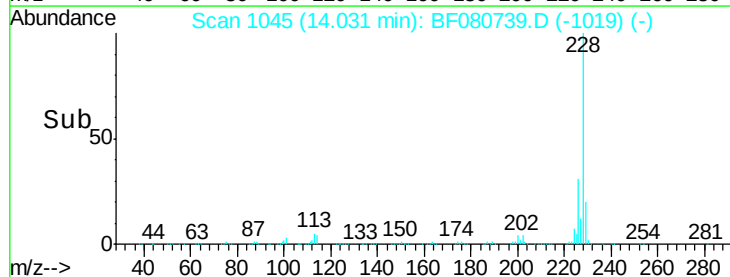
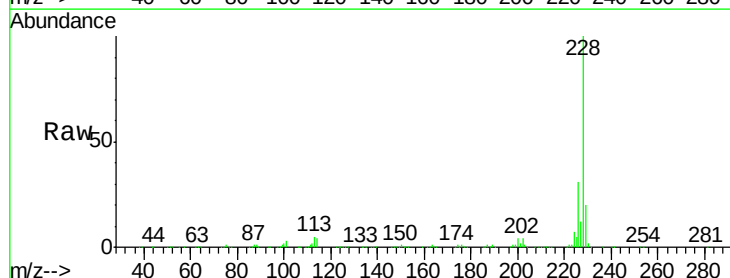
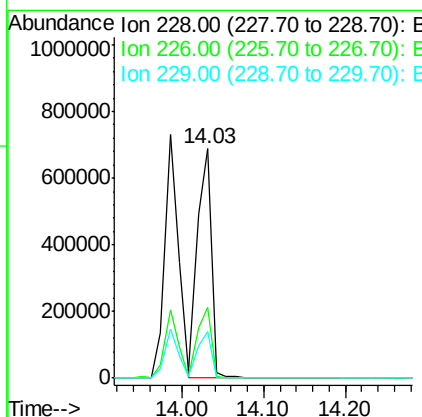
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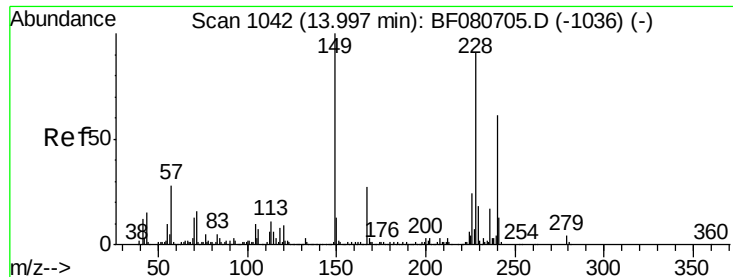
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#82
 Chrysene
 Concen: 37.91 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	25.1	37.7
229	20.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.01 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:149 Resp: 624338

Ion Ratio Lower Upper

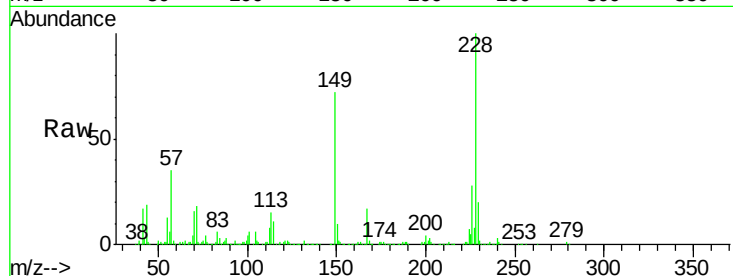
149 100

167 23.4 21.8 32.8

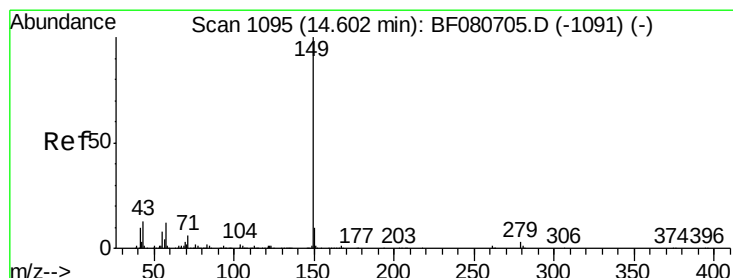
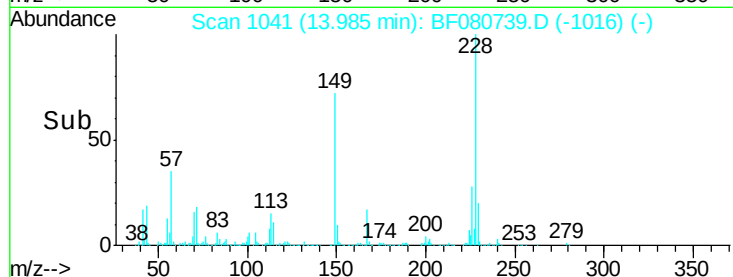
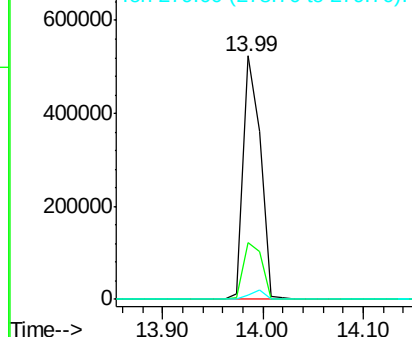
279 1.8 3.4 5.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.21 ng

RT: 14.60 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

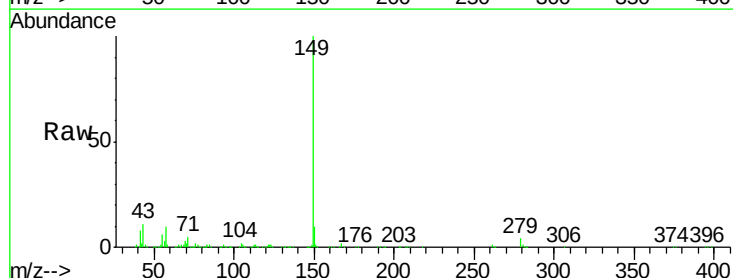
Tgt Ion:149 Resp: 1051683

Ion Ratio Lower Upper

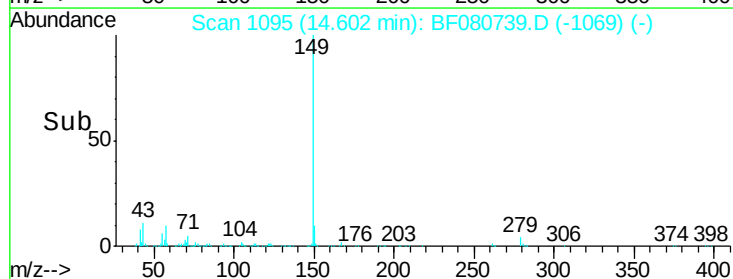
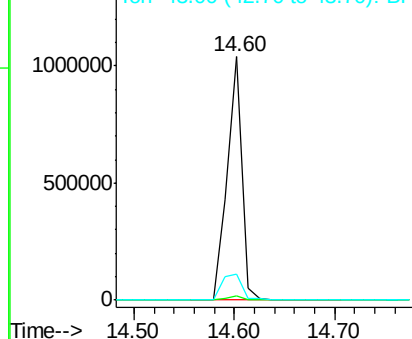
149 100

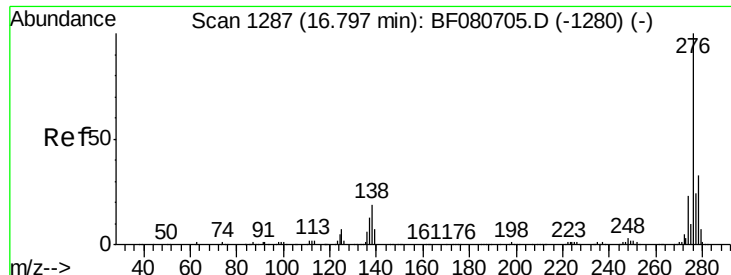
167 1.5 1.1 1.7

43 14.7 12.2 18.4



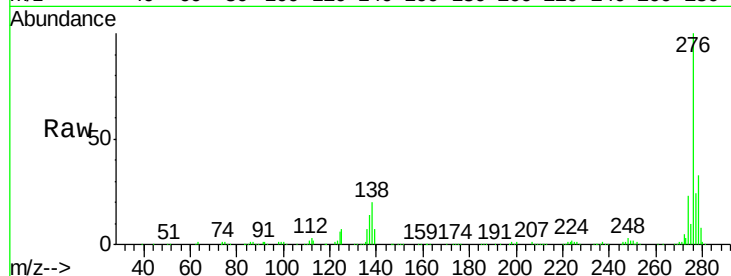
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.22 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

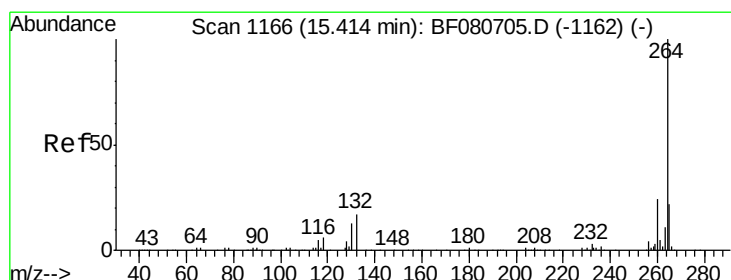
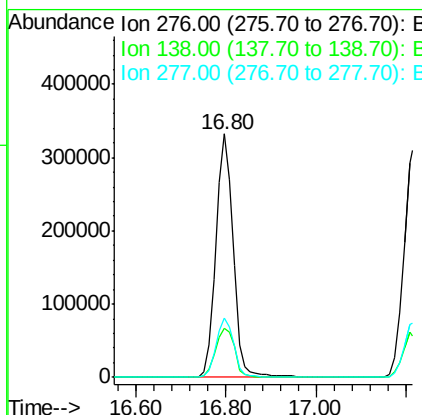
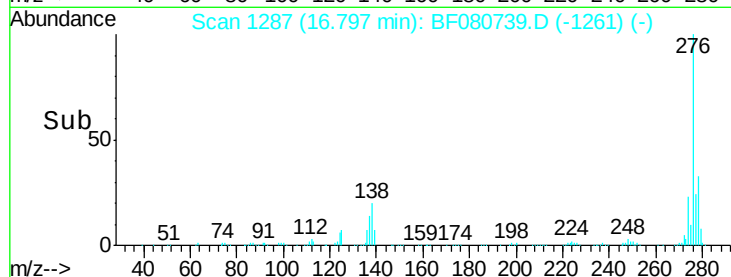
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	895142		
138	22.1	13.2	19.8	
277	25.0	15.4	23.2	

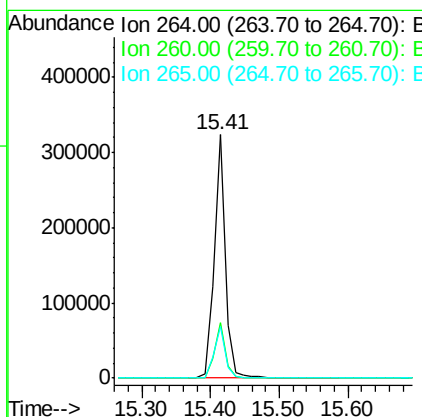
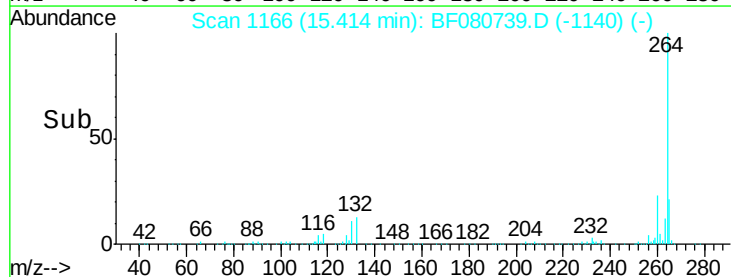
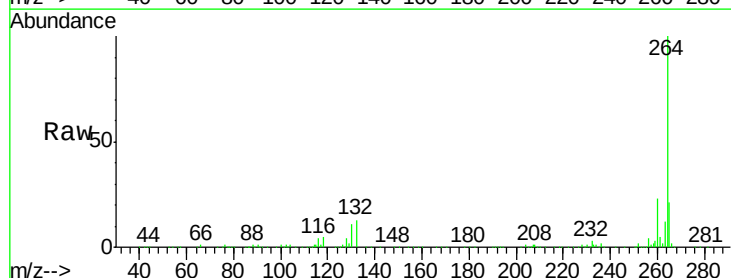
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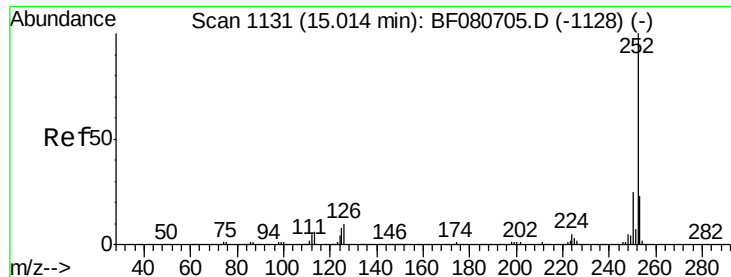
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	369674		
260	22.9	19.4	29.0	
265	21.1	17.3	25.9	





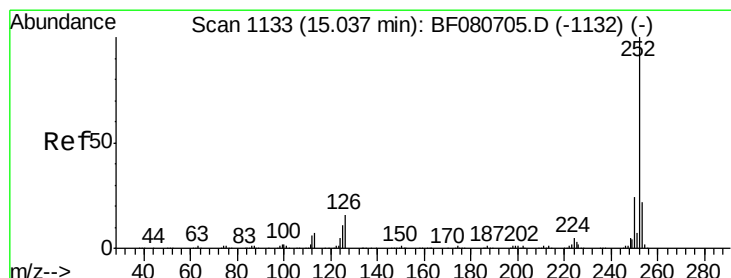
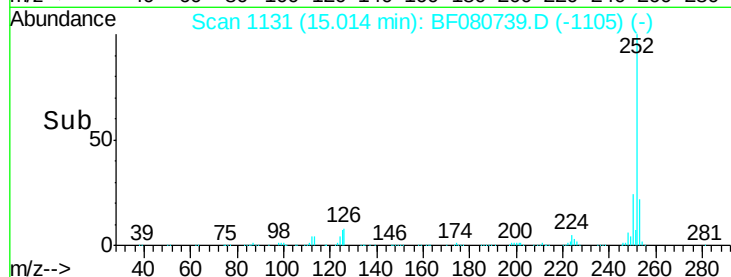
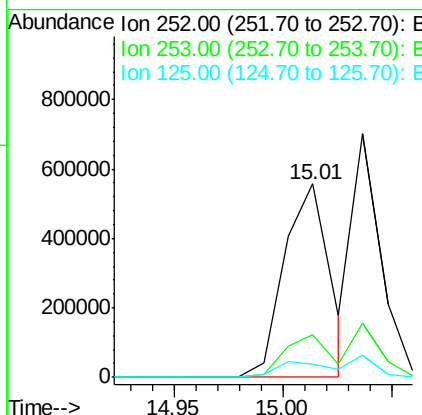
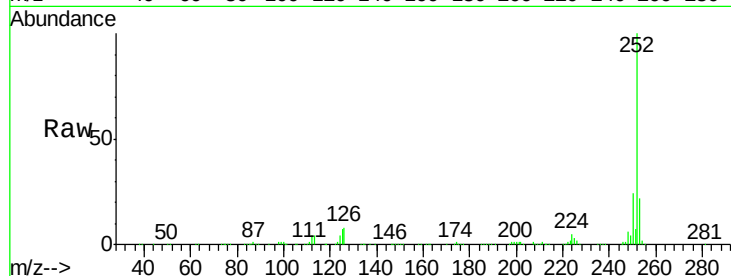
#87
Benzo(b)fluoranthene
Concen: 36.78 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	7.0	6.2	9.2

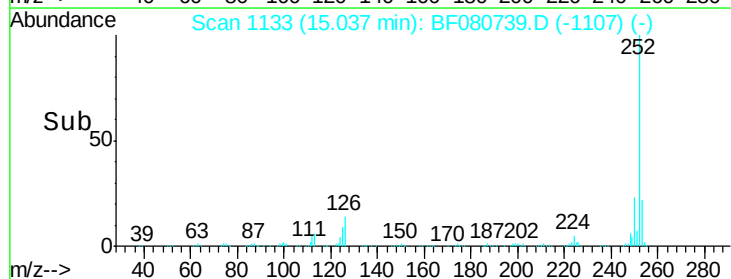
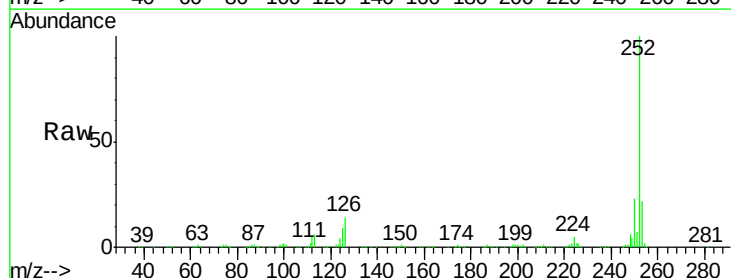
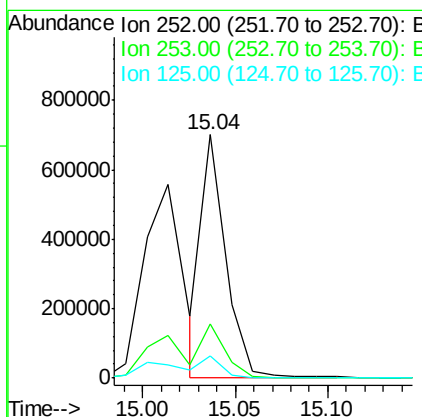
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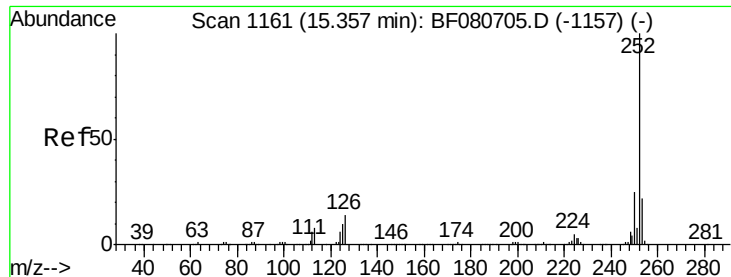
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#88
Benzo(k)fluoranthene
Concen: 35.94 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080739.D
Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	9.3	9.0	13.4





#89

Benzo(a)pyrene

Concen: 38.50 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF080739.D

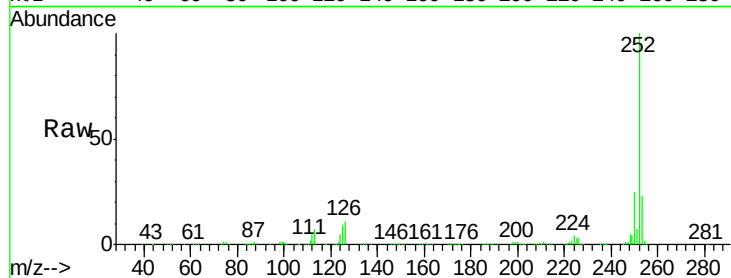
Acq: 31 Jul 2015 17:46

Instrument :

BNA_F

ClientSampleId :

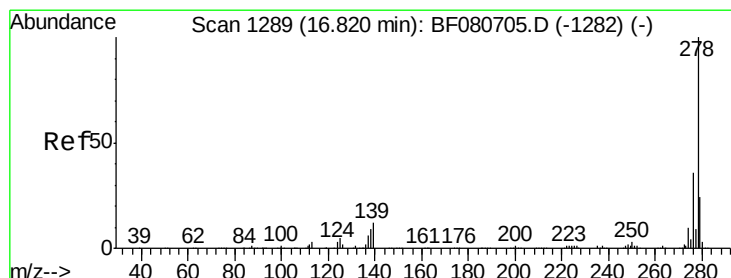
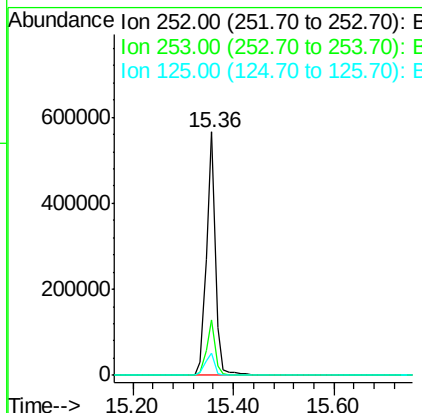
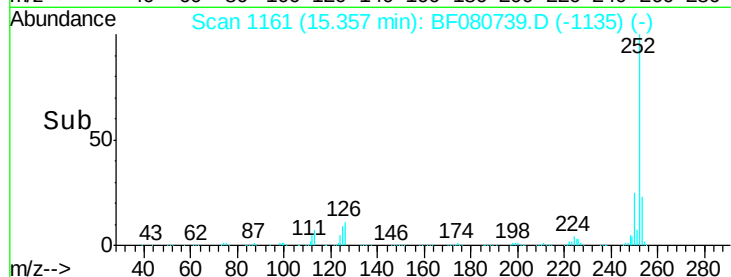
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	8.9	8.2	12.4

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#90

Dibenzo(a,h)anthracene

Concen: 45.40 ng

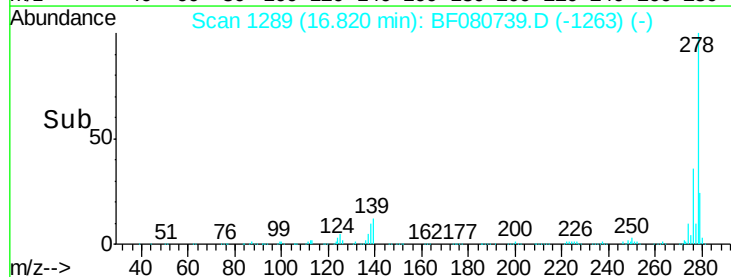
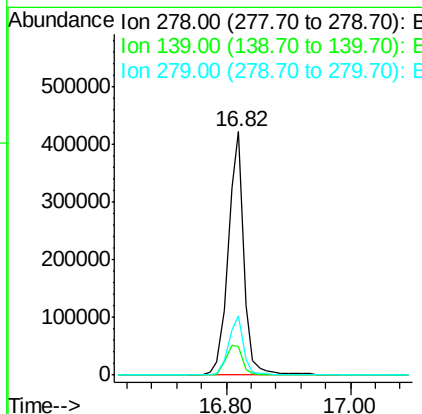
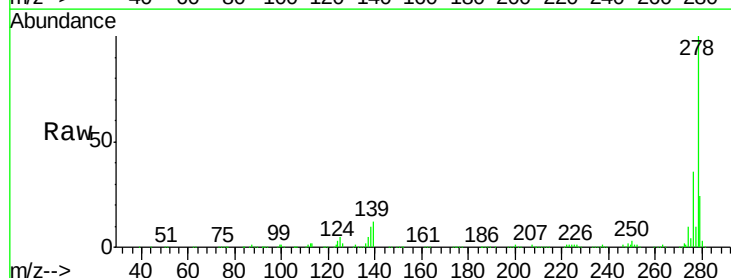
RT: 16.82 min Scan# 1289

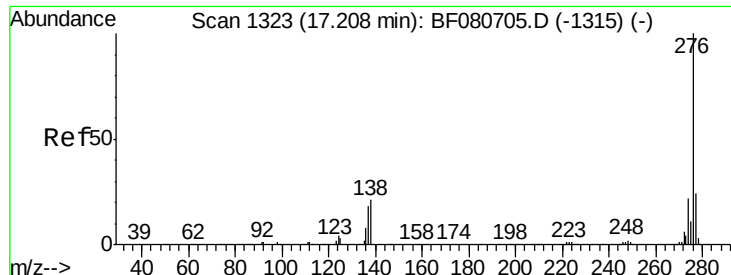
Delta R.T. -0.00 min

Lab File: BF080739.D

Acq: 31 Jul 2015 17:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.7	9.8	14.8
279	24.3	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 46.70 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF080739.D
 Acq: 31 Jul 2015 17:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.1	18.9	28.3
138	15.5	16.9	25.3

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