

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080766.D
 Acq On : 1 Aug 2015 7:41
 Operator : TP/UM
 Sample : G3121-09MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 3:40:57 PM

Quant Time: Aug 03 14:05:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 03 14:00:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139968	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514674	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	259376	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	452411	20.00	ng	0.00
75) Chrysene-d12	14.00	240	277073	20.00	ng	0.00
86) Perylene-d12	15.41	264	249905	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1134910	139.10	ng	0.03
7) Phenol-d6	6.49	99	1383437	124.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	1138255	107.10	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	447415	166.24	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1837315	105.68	ng	0.00
78) Terphenyl-d14	12.96	244	1489887	101.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	147206	36.58	ng	# 82
3) Pyridine	3.38	79	367169	32.89	ng	96
4) n-Nitrosodimethylamine	3.32	42	284395	44.56	ng	99
6) Aniline	6.52	93	400075	25.02	ng	96
8) 2-Chlorophenol	6.65	128	403848	44.16	ng	83
9) Benzaldehyde	6.40	77	55936	6.54	ng	86
10) Phenol	6.50	94	427473	33.26	ng	84
11) bis(2-Chloroethyl)ether	6.60	93	437687	47.67	ng	# 81
12) 1,3-Dichlorobenzene	6.80	146	431246	42.36	ng	100
13) 1,4-Dichlorobenzene	6.88	146	440946	42.45	ng	98
14) 1,2-Dichlorobenzene	7.02	146	428113	45.09	ng	96
15) Benzyl Alcohol	7.00	79	328864	35.65	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	923048	47.05	ng	97
17) 2-Methylphenol	7.10	107	367810	49.00	ng	96
18) Hexachloroethane	7.37	117	167564	43.23	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	363862	48.64	ng	97
20) 3+4-Methylphenols	7.26	107	442215	47.74	ng	92
22) Acetophenone	7.26	105	600865	48.37	ng	94
24) Nitrobenzene	7.44	77	497354	46.71	ng	98
25) Isophorone	7.68	82	904333	47.85	ng	99
26) 2-Nitrophenol	7.76	139	227063	52.53	ng	94
27) 2,4-Dimethylphenol	7.79	122	387506	47.72	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	598861	53.48	ng	99
29) 2,4-Dichlorophenol	8.00	162	365312	50.61	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	370933	47.13	ng	97
31) Naphthalene	8.16	128	1141002	44.41	ng	99
32) Benzoic acid	7.92	122	246745	43.37	ng	99
33) 4-Chloroaniline	8.20	127	158110	14.58	ng	# 91
34) Hexachlorobutadiene	8.28	225	249668	49.13	ng	98
35) Caprolactam	8.58	113	93449m	43.24	ng	
36) 4-Chloro-3-methylphenol	8.69	107	427923	54.99	ng	93
37) 2-Methylnaphthalene	8.85	142	814382	50.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	347888	42.71	ng	97
40) Hexachlorocyclopentadiene	9.00	237	450560	89.91	ng	97

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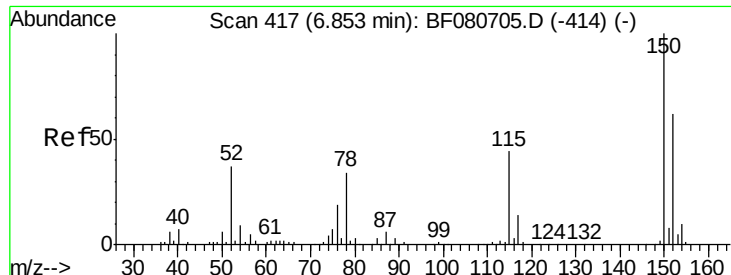
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	281805	49.73	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	284220	50.57	ng	94
45) 1,1'-Biphenyl	9.31	154	875656	44.03	ng	95
46) 2-Chloronaphthalene	9.33	162	729313	44.90	ng	# 90
47) 2-Nitroaniline	9.44	65	317834	50.29	ng	99
48) Acenaphthylene	9.76	152	1282315	49.65	ng	98
49) Dimethylphthalate	9.62	163	911733	49.88	ng	99
50) 2,6-Dinitrotoluene	9.68	165	208129	53.65	ng	95
51) Acenaphthene	9.93	154	887363	56.31	ng	99
52) 3-Nitroaniline	9.84	138	111421	24.89	ng	# 44
53) 2,4-Dinitrophenol	9.95	184	229128	110.90	ng	# 56
54) Dibenzofuran	10.10	168	1089223	51.68	ng	97
55) 4-Nitrophenol	10.00	139	256903	77.90	ng	# 48
56) 2,4-Dinitrotoluene	10.08	165	251180	49.38	ng	91
57) Fluorene	10.44	166	811391	49.60	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	236587	55.82	ng	97
59) Diethylphthalate	10.32	149	894323	50.76	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	400969	57.12	ng	92
61) 4-Nitroaniline	10.45	138	162207	40.14	ng	89
62) Azobenzene	10.59	77	1079112	56.54	ng	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	125338	46.00	ng	97
65) n-Nitrosodiphenylamine	10.54	169	701144	47.27	ng	98
66) 4-Bromophenyl-phenylether	10.92	248	266494	57.06	ng	92
67) Hexachlorobenzene	10.98	284	264705	49.02	ng	92
68) Atrazine	11.08	200	241981	67.62	ng	90
69) Pentachlorophenol	11.17	266	324544	99.33	ng	97
70) Phenanthrene	11.39	178	1051232	46.12	ng	99
71) Anthracene	11.45	178	1245306	55.60	ng	100
72) Carbazole	11.60	167	915764	47.11	ng	99
73) Di-n-butylphthalate	11.94	149	1344104	55.76	ng	98
74) Fluoranthene	12.58	202	1142830	51.86	ng	97
76) Benzidine	12.69	184	184941	18.33	ng	100
77) Pyrene	12.81	202	1110588	51.68	ng	99
79) Butylbenzylphthalate	13.43	149	434026	48.55	ng	88
80) Benzo(a)anthracene	13.99	228	784651	47.09	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	175712	30.89	ng	# 94
82) Chrysene	14.02	228	646370	39.96	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	586081	54.79	ng	# 95
84) Di-n-octyl phthalate	14.59	149	872891	48.66	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	824278	55.85	ng	# 90
87) Benzo(b)fluoranthene	15.00	252	790024	52.92	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	560406m	45.62	ng	
89) Benzo(a)pyrene	15.36	252	686279	56.00	ng	# 97
90) Dibenzo(a,h)anthracene	16.81	278	685545	62.49	ng	99
91) Benzo(g,h,i)perylene	17.21	276	683138	63.28	ng	96

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



#1

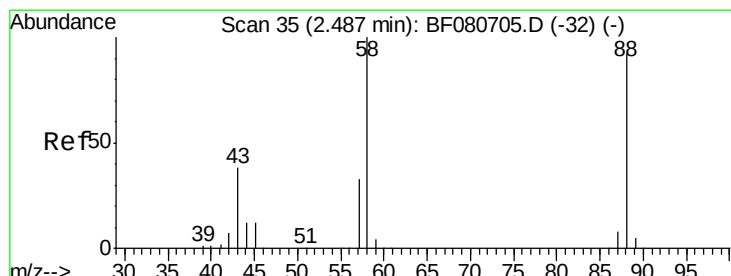
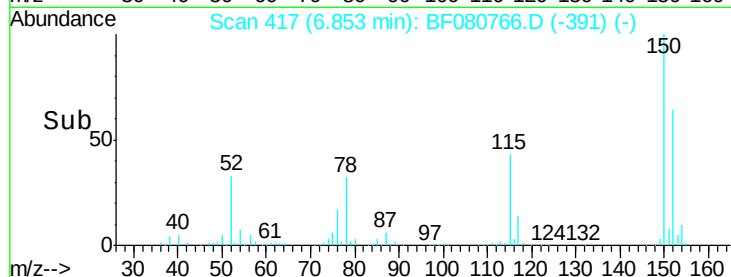
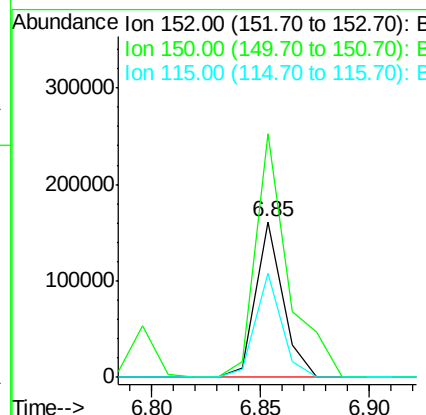
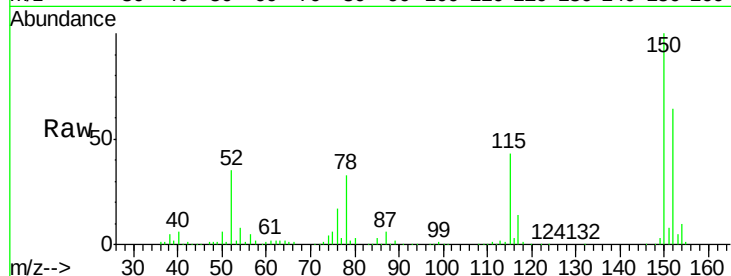
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.3	129.6	194.4
115	66.6	56.6	85.0

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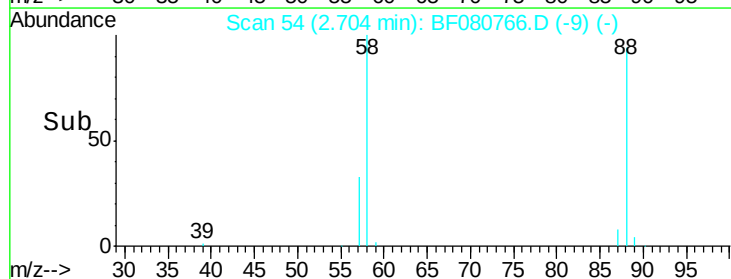
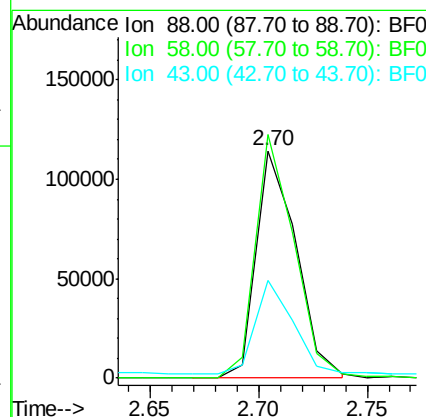
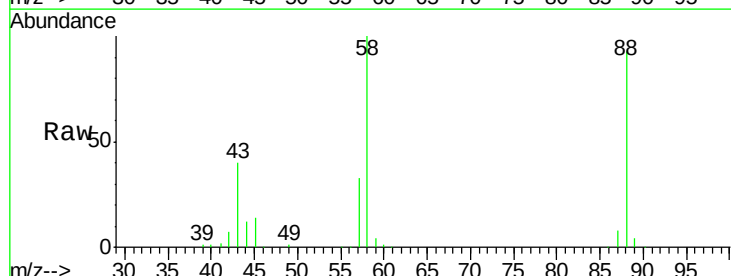
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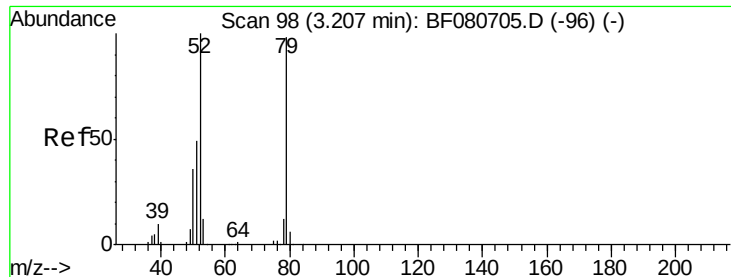


#2

1,4-Dioxane
Concen: 36.58 ng
RT: 2.70 min Scan# 54
Delta R.T. 0.22 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.3	82.3	123.5
43	0.0	31.7	47.5#





#3

Pyridine

Concen: 32.89 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.17 min

Lab File: BF080766.D

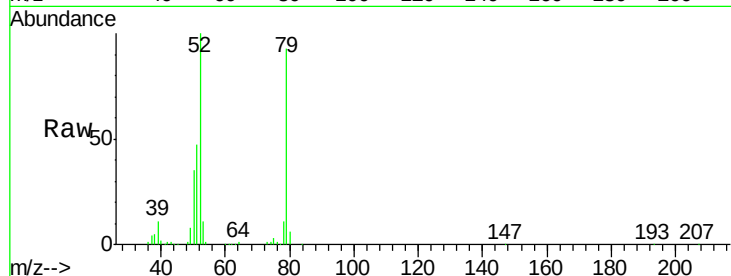
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

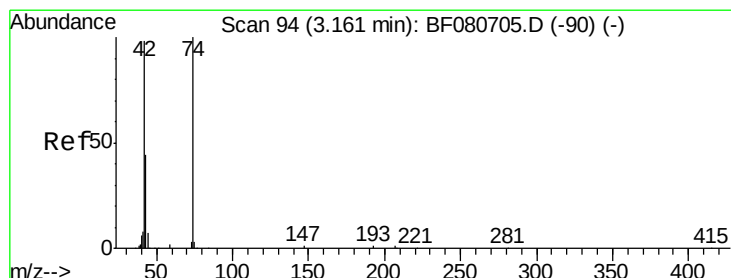
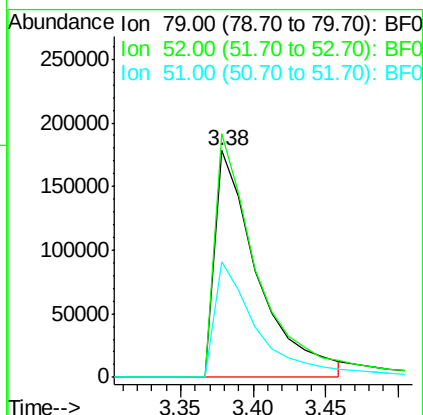
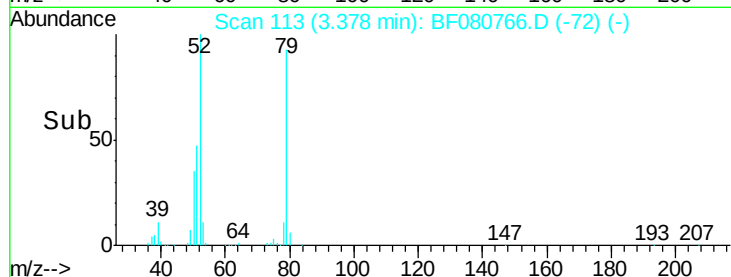
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Lower	Upper
79	100		
52	107.4	81.6	122.4
51	50.9	40.2	60.2

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#4

n-Nitrosodimethylamine

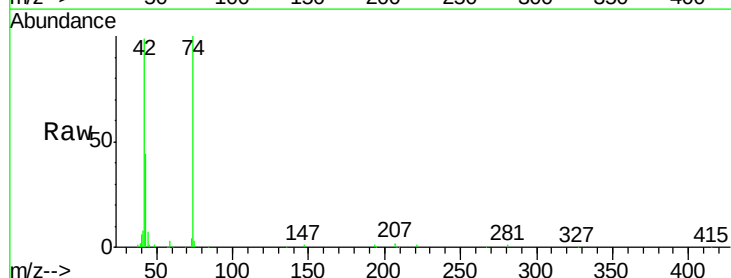
Concen: 44.56 ng

RT: 3.32 min Scan# 108

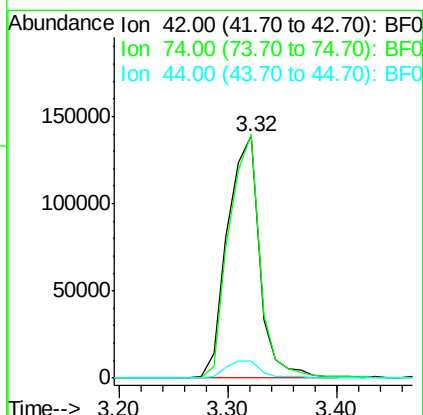
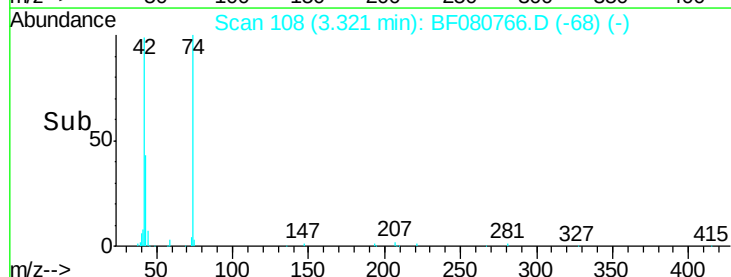
Delta R.T. 0.16 min

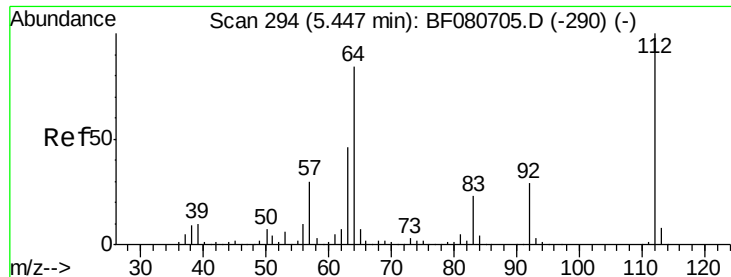
Lab File: BF080766.D

Acq: 1 Aug 2015 7:41



Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.6	81.5	122.3
44	7.1	5.6	8.4





#5

2-Fluorophenol

Concen: 139.10 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.03 min

Lab File: BF080766.D

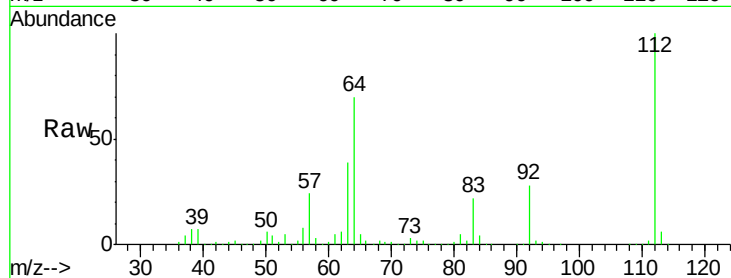
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

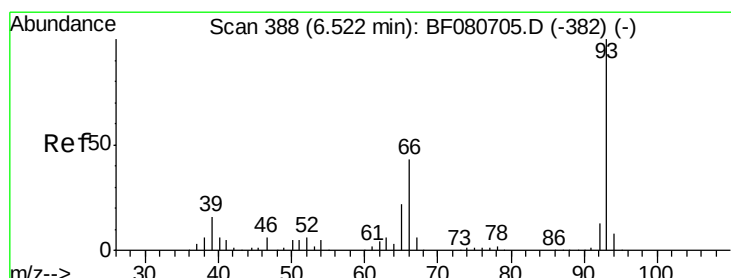
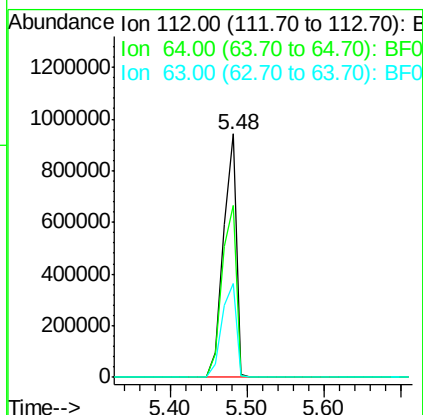
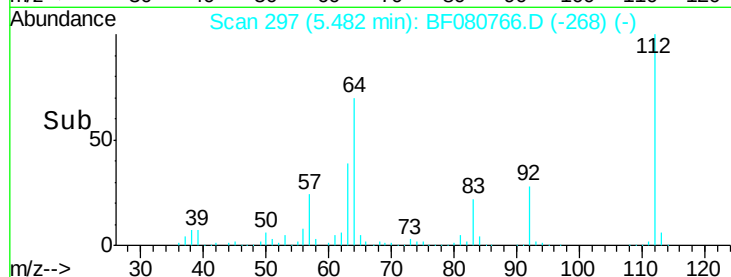
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	66.8	100.2
63	38.6	36.7	55.1

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#6

Aniline

Concen: 25.02 ng

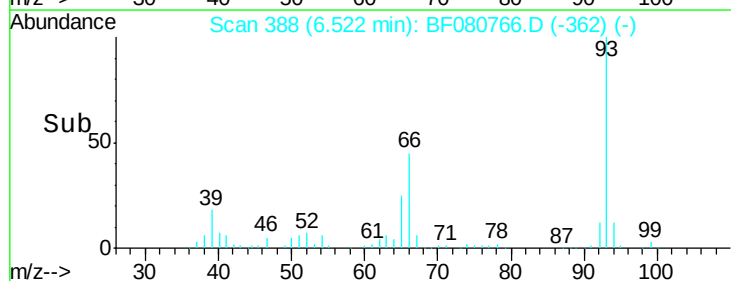
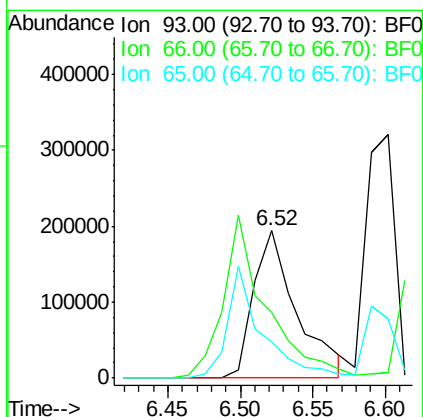
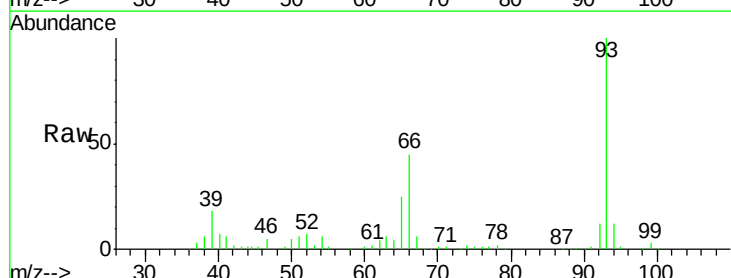
RT: 6.52 min Scan# 388

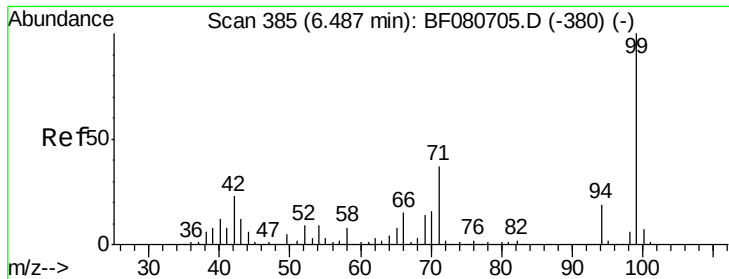
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
93	100		
66	44.5	34.3	51.5
65	24.7	17.6	26.4





#7

Phenol-d6

Concen: 124.55 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080766.D

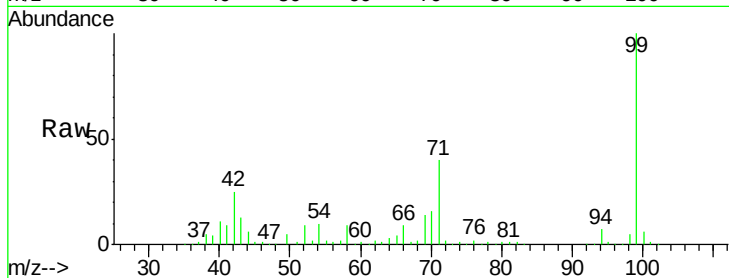
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion: 99 Resp: 1383437

Ion Ratio Lower Upper

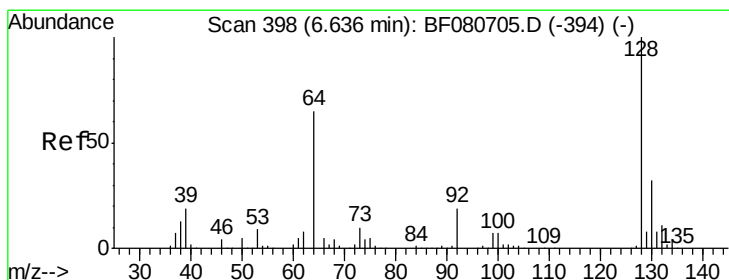
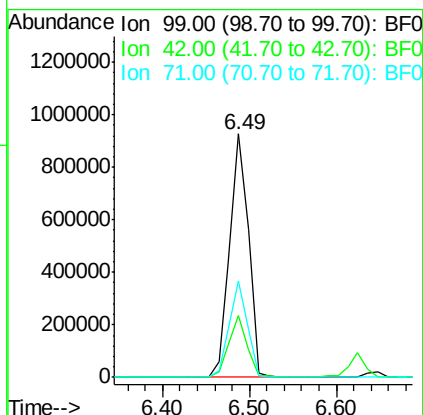
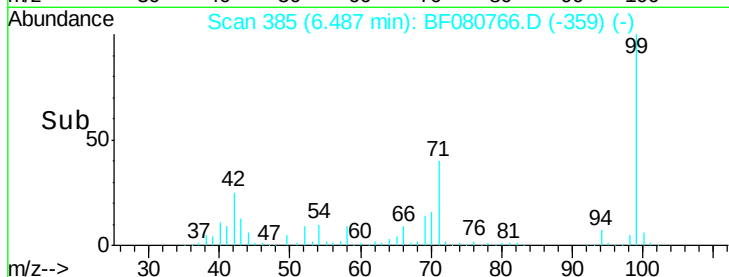
99 100

42 25.2 18.2 27.2

71 39.6 29.5 44.3

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#8

2-Chlorophenol

Concen: 44.16 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

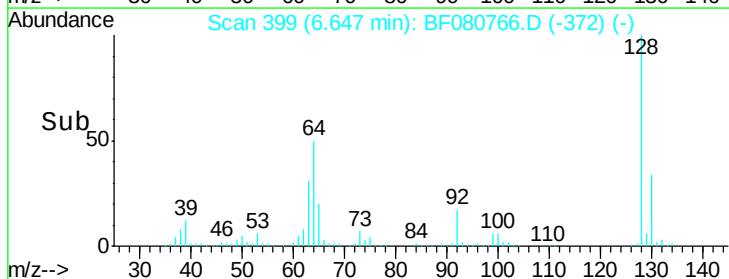
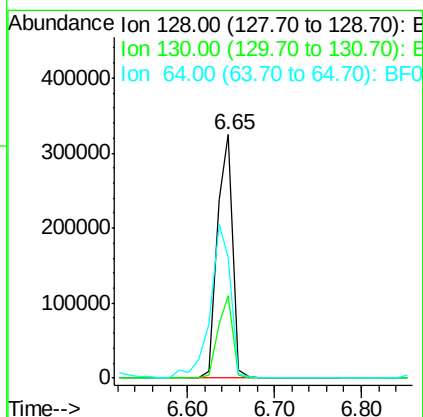
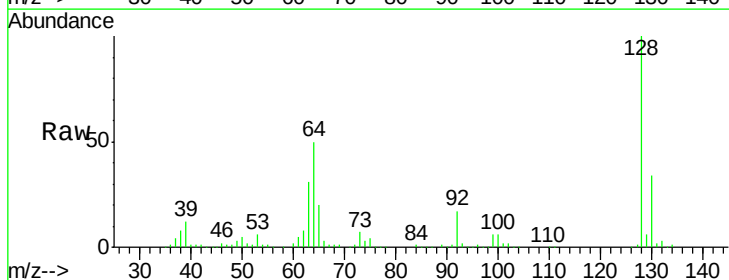
Tgt Ion: 128 Resp: 403848

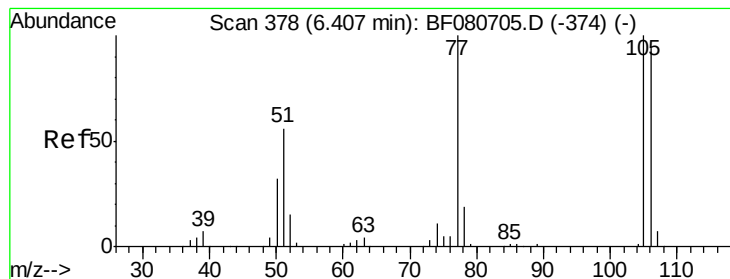
Ion Ratio Lower Upper

128 100

130 33.6 11.7 51.7

64 49.7 48.7 88.7





#9

Benzaldehyde

Concen: 6.54 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080766.D

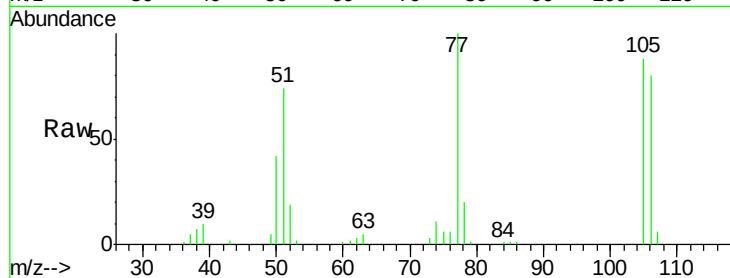
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

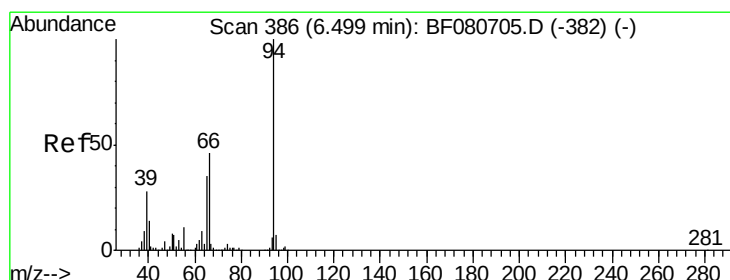
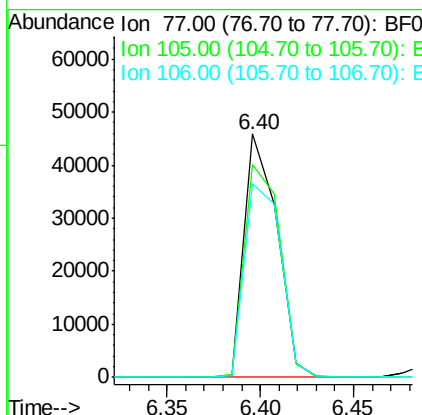
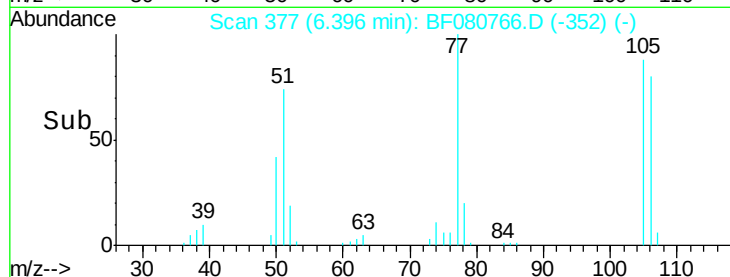
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion:	77	Resp:	55936
Ion	Ratio	Lower	Upper
77	100		
105	87.6	80.2	120.2
106	79.8	74.2	114.2

Manual Integrations
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#10

Phenol

Concen: 33.26 ng

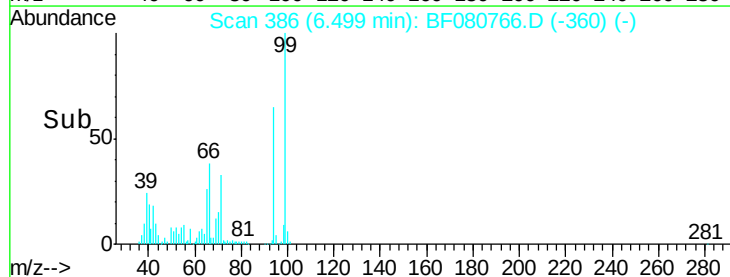
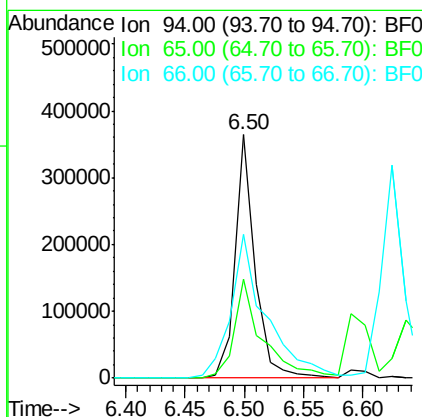
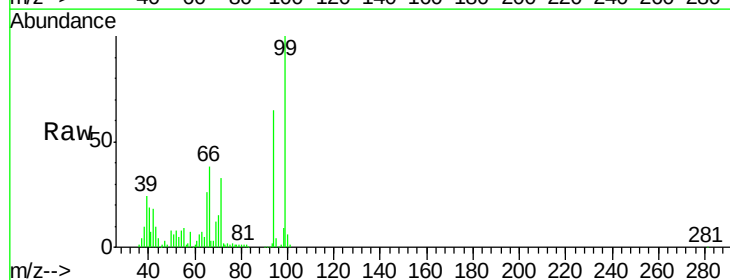
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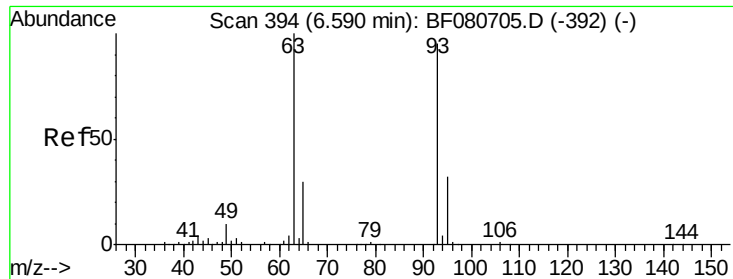
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion:	94	Resp:	427473
Ion	Ratio	Lower	Upper
94	100		
65	40.5	14.7	54.7
66	59.1	25.9	65.9





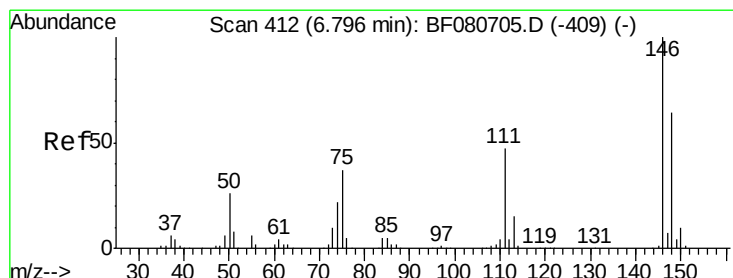
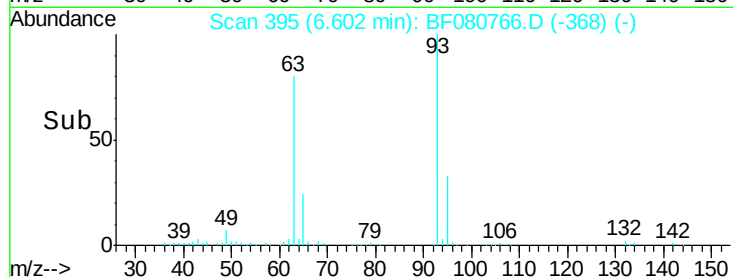
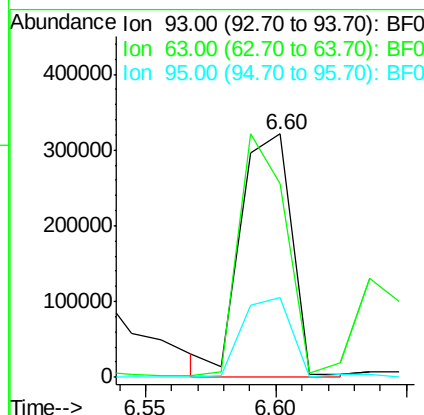
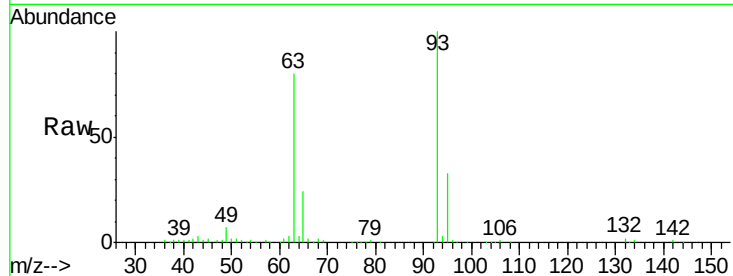
#11
bis(2-Chloroethyl)ether
Concen: 47.67 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.7	85.3	125.3#
95	32.9	13.3	53.3

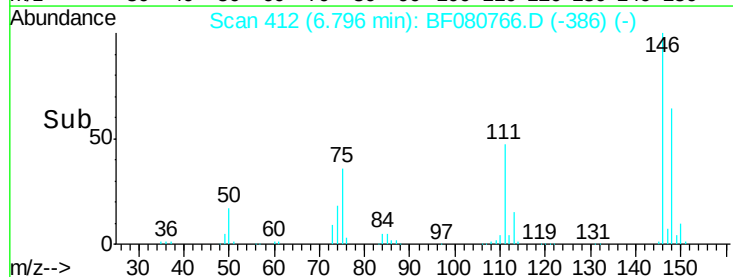
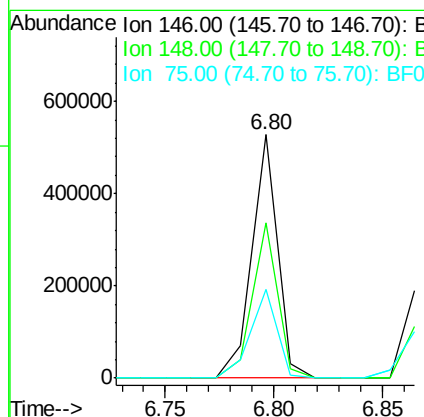
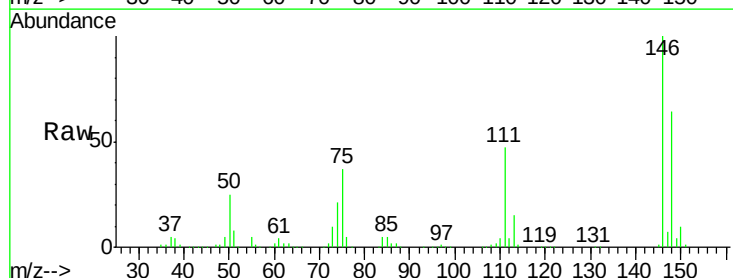
Manual Integrations
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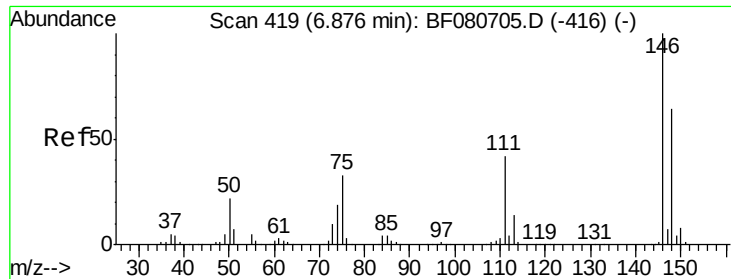
MMDadoda
8/3/2015 3:40:57 PM



#12
1,3-Dichlorobenzene
Concen: 42.36 ng
RT: 6.80 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.0	76.6
75	36.6	29.4	44.0





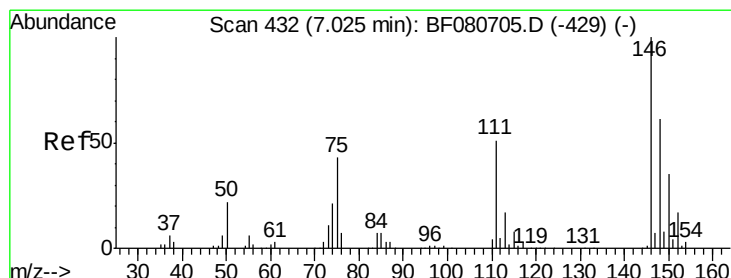
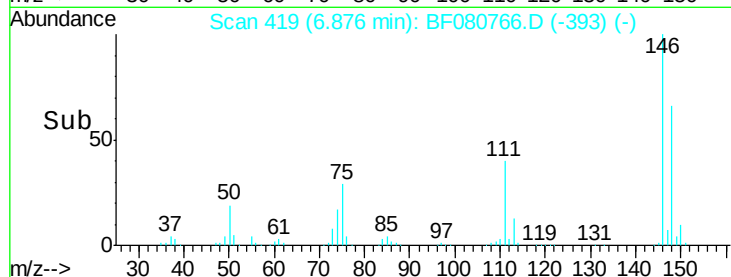
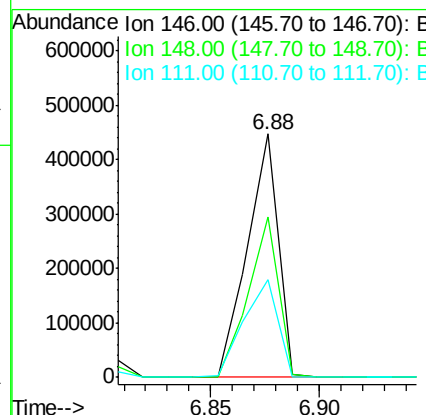
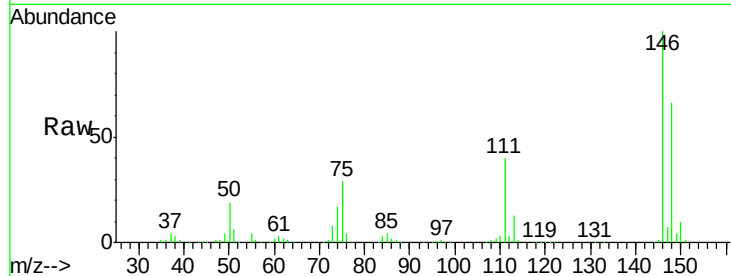
#13
 1,4-Dichlorobenzene
 Concen: 42.45 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	40.0	33.8	50.6

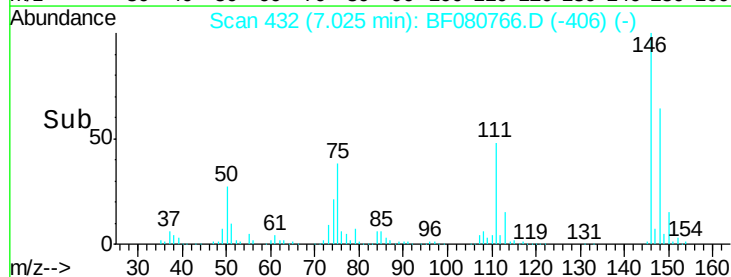
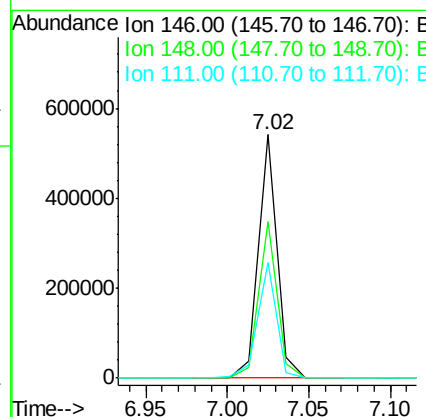
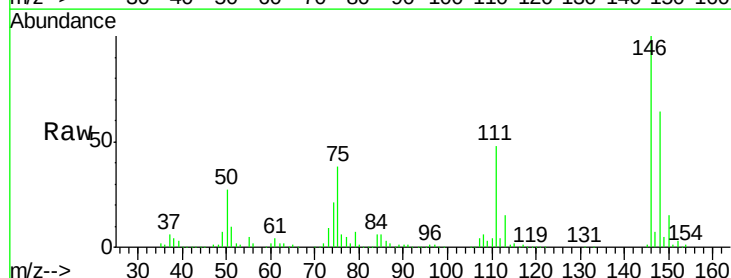
Manual Integrations
 APPROVED

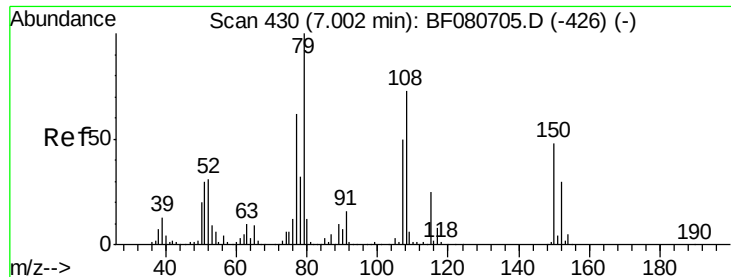
MMDadoda
 8/3/2015 3:40:57 PM



#14
 1,2-Dichlorobenzene
 Concen: 45.09 ng
 RT: 7.02 min Scan# 432
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.2	73.8
111	47.7	41.0	61.4





#15

Benzyl Alcohol

Concen: 35.65 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

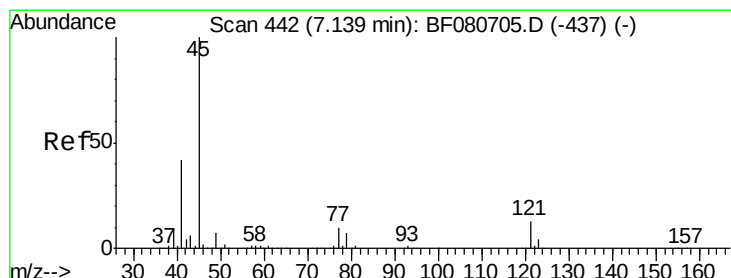
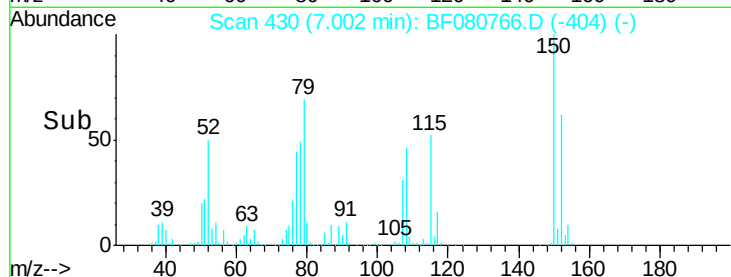
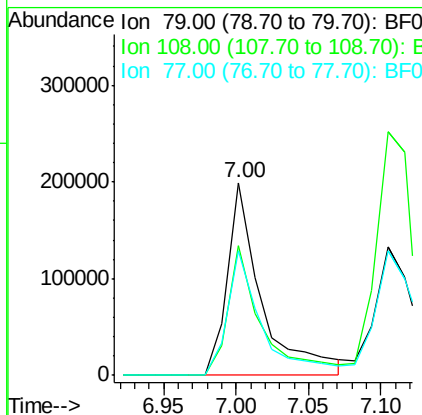
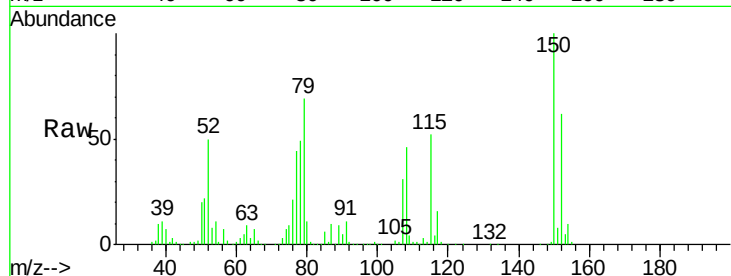
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

Manual Integrations
APPROVED

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8/3/2015 3:40:57 PM

Tgt Ion:	79	Resp:	328864
Ion Ratio	Lower	Upper	
79	100		
108	67.6	58.7	88.1
77	64.4	49.8	74.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.05 ng

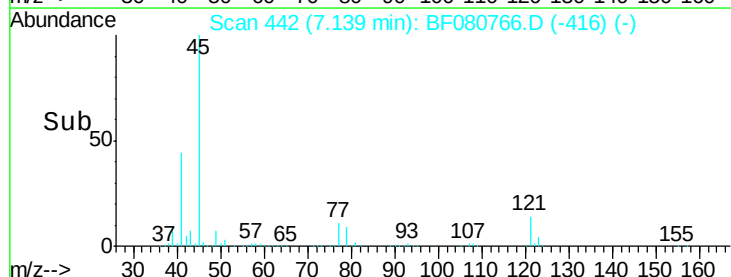
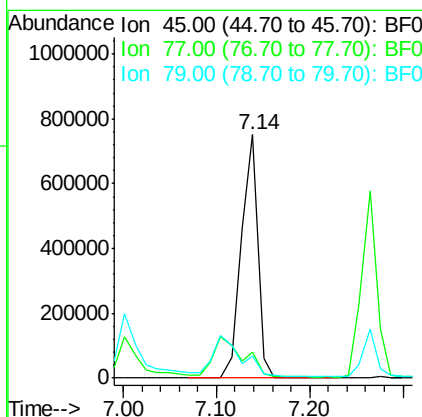
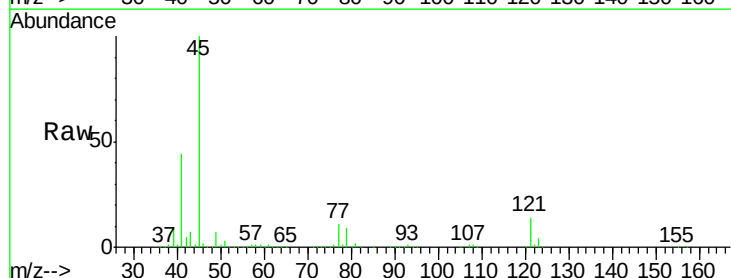
RT: 7.14 min Scan# 442

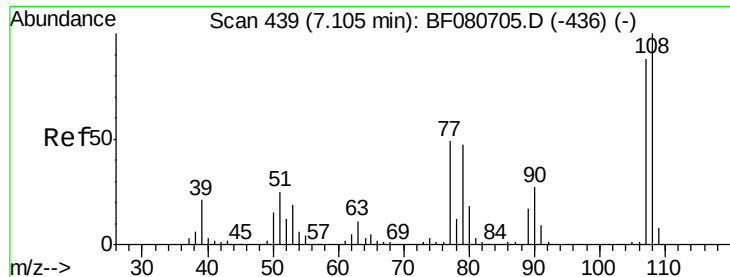
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

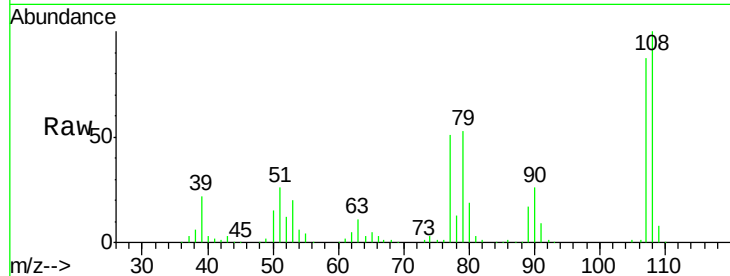
Tgt Ion:	45	Resp:	923048
Ion Ratio	Lower	Upper	
45	100		
77	10.8	0.0	29.9
79	9.0	0.0	27.4





#17
2-Methylphenol
Concen: 49.00 ng
RT: 7.10 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

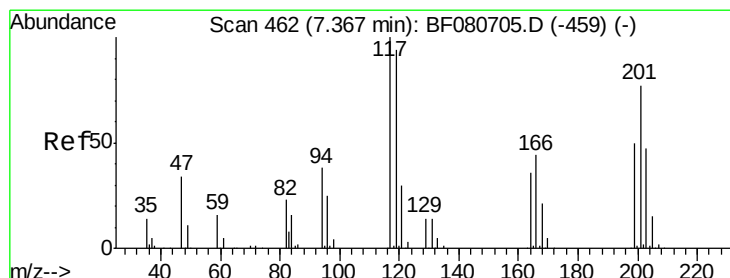
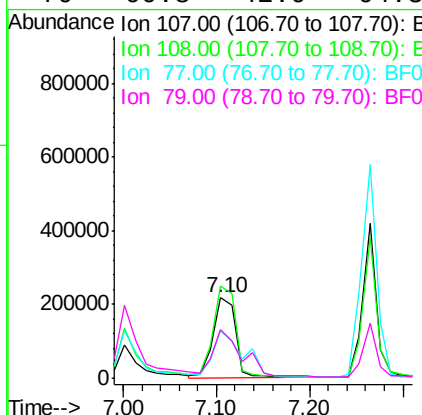
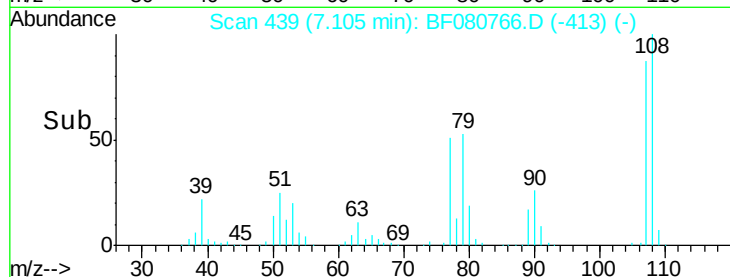
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	367810		
108	115.1	90.8	136.2	
77	59.1	44.6	67.0	
79	60.8	42.9	64.3	

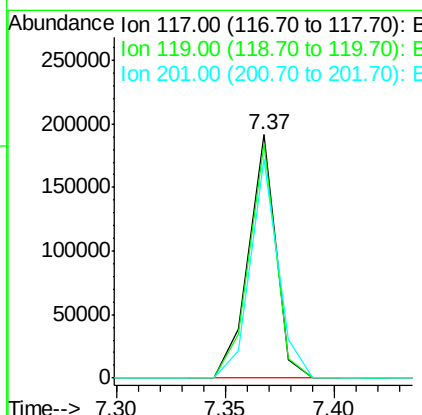
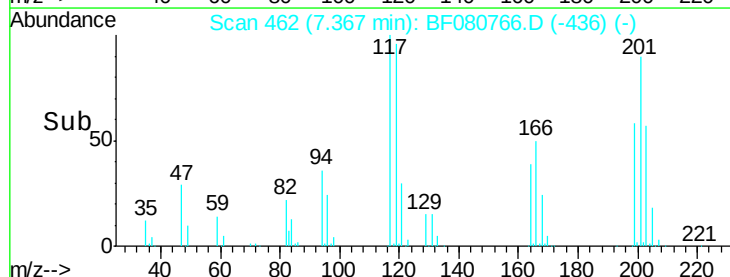
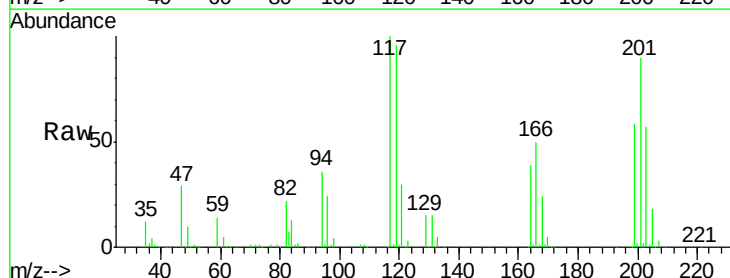
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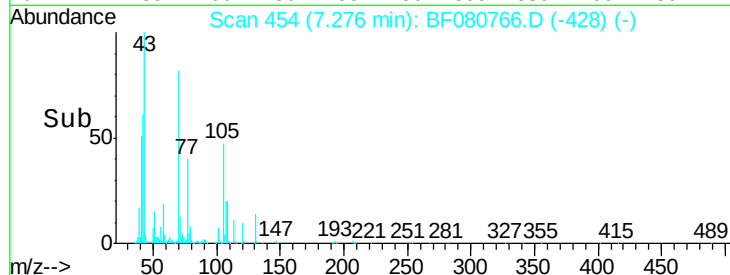
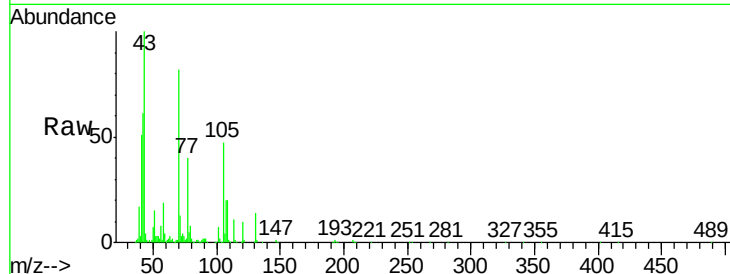
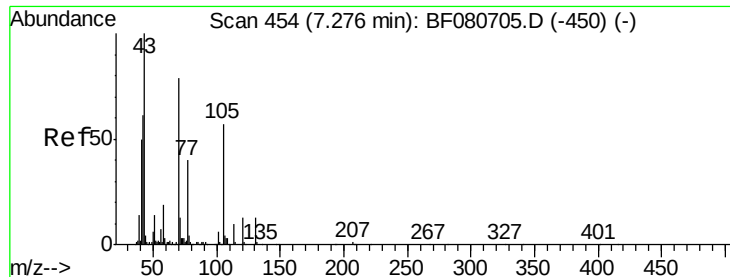
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#18
Hexachloroethane
Concen: 43.23 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167564		
119	96.5	74.9	112.3	
201	90.1	61.5	92.3	





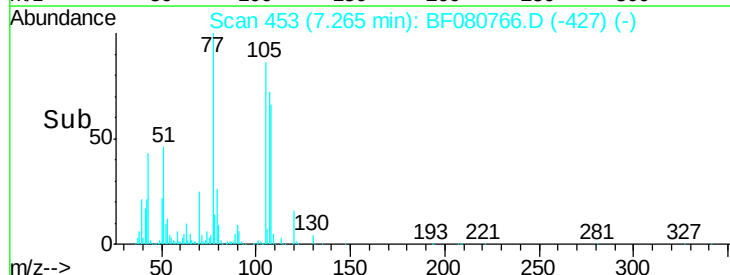
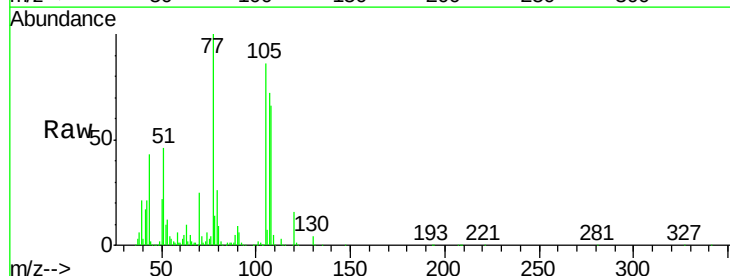
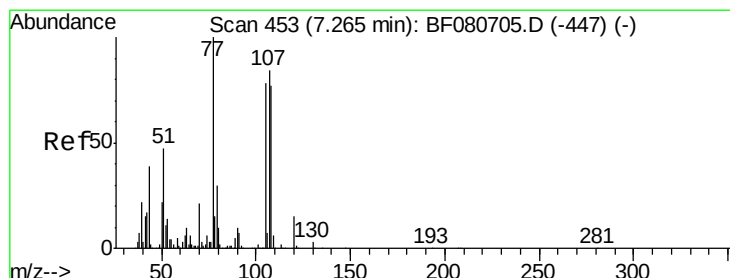
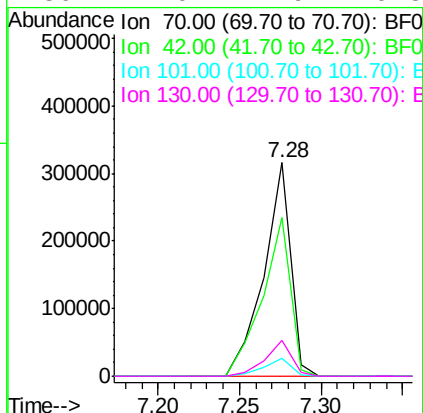
#19
n-Nitroso-di-n-propylamine
Concen: 48.64 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Manual Integrations
APPROVED

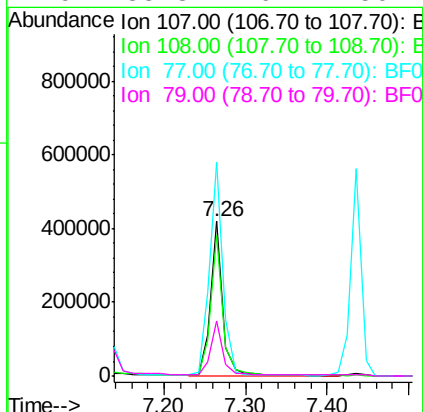
MMDadoda
8/3/2015 3:40:57 PM

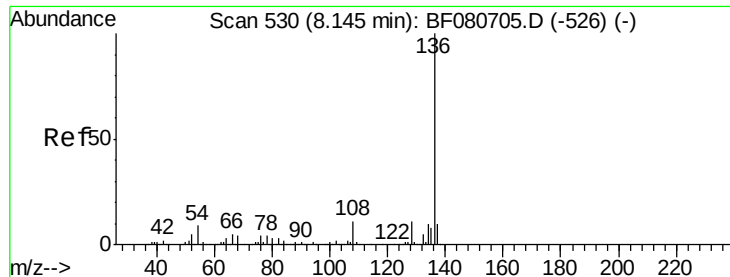
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	363862		
42	74.3	61.8	92.6	
101	8.4	6.1	9.1	
130	17.0	12.9	19.3	



#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	442215		
108	91.3	71.8	111.8	
77	138.3	99.8	139.8	
79	35.8	16.2	56.2	





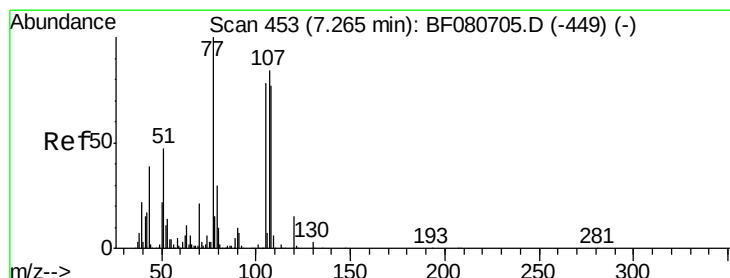
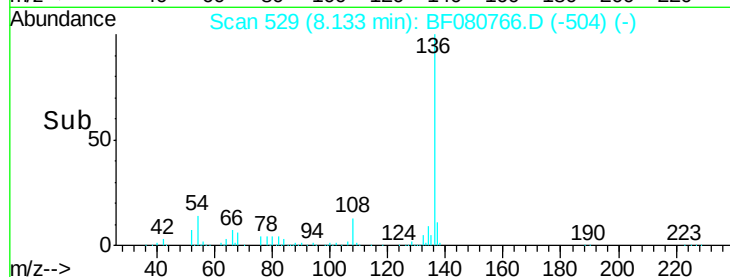
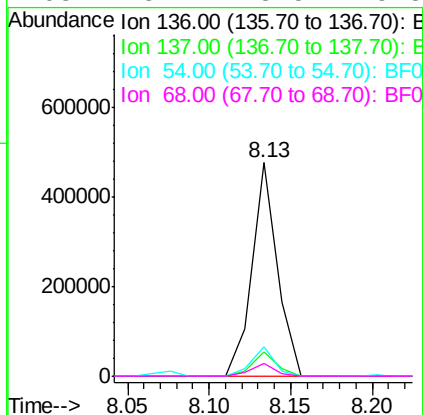
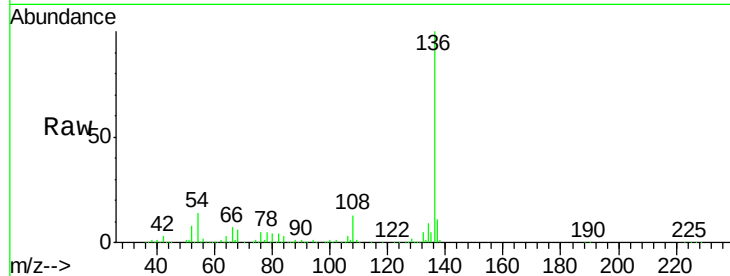
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	514674		
137	11.3	8.4	12.6	
54	13.7	6.9	10.3	
68	5.7	3.5	5.3	

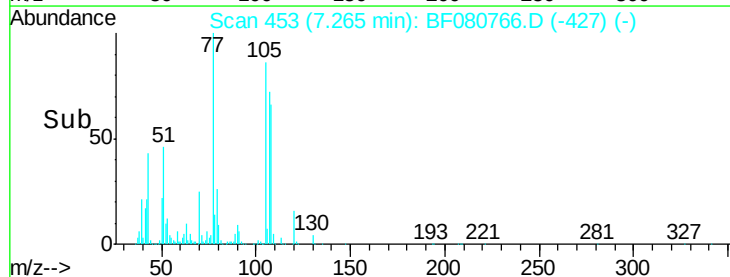
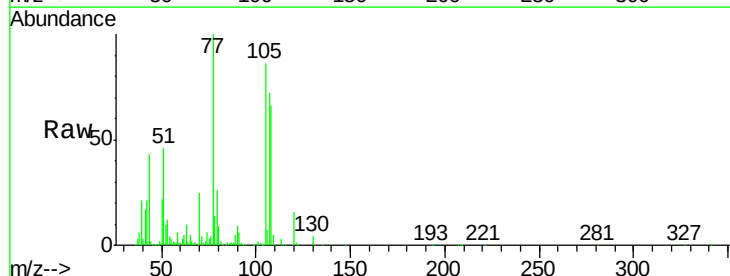
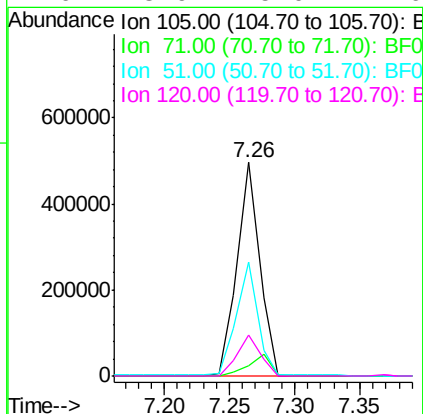
Manual Integrations
APPROVED

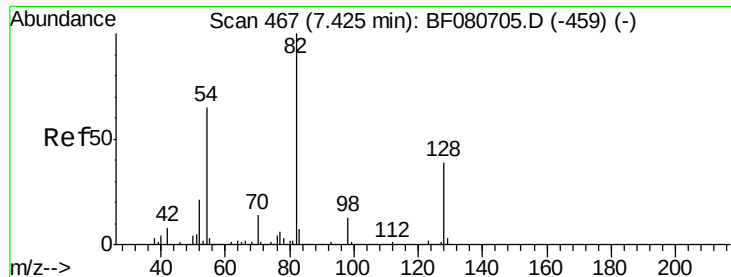
MMDadoda
8/3/2015 3:40:57 PM



#22
Acetophenone
Concen: 48.37 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	600865		
71	5.0	3.4	5.0	
51	53.6	47.9	71.9	
120	18.9	15.0	22.6	





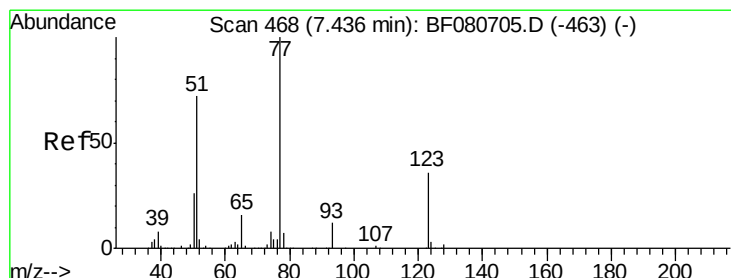
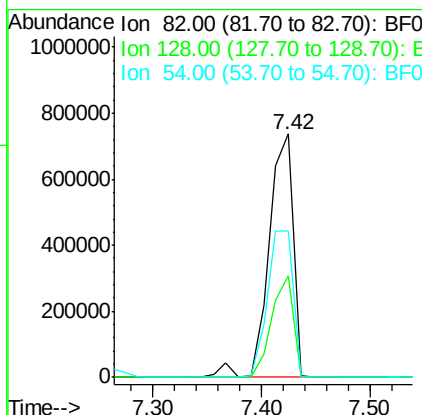
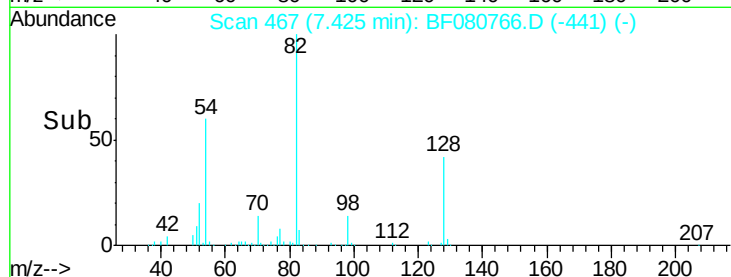
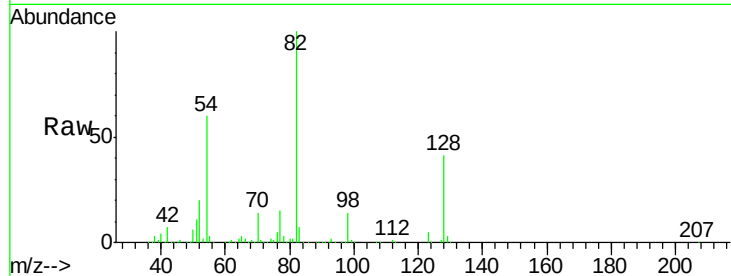
#23
 Nitrobenzene-d5
 Concen: 107.10 ng
 RT: 7.42 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	31.5	47.3
54	59.9	51.8	77.8

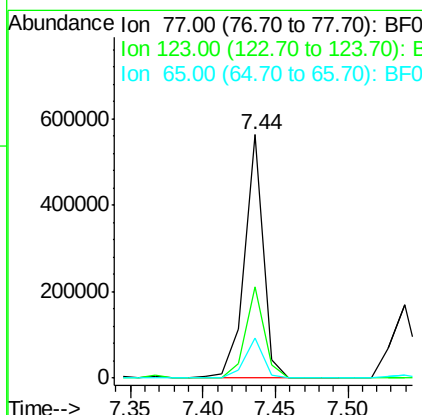
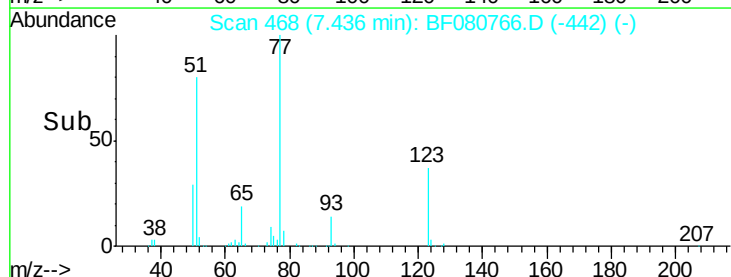
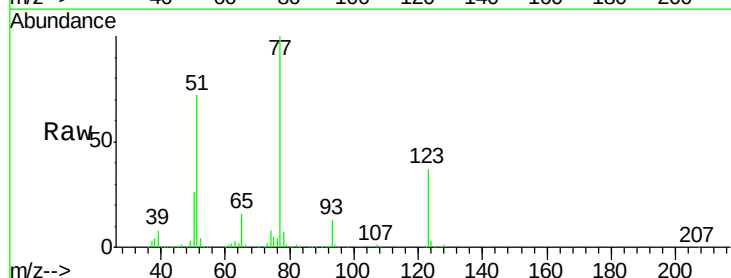
Manual Integrations
 APPROVED

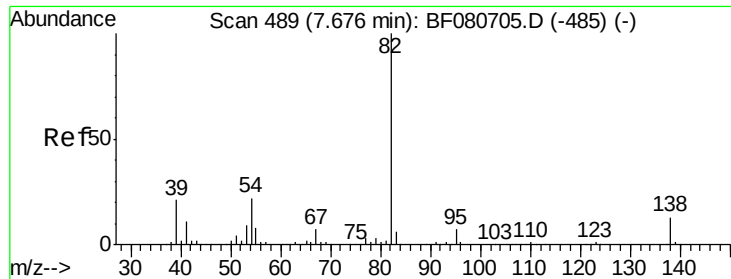
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 8/3/2015 3:40:57 PM



#24
 Nitrobenzene
 Concen: 46.71 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	28.9	43.3
65	16.4	13.0	19.4





#25

Isophorone

Concen: 47.85 ng

RT: 7.68 min Scan# 489

Delta R.T. 0.00 min

Lab File: BF080766.D

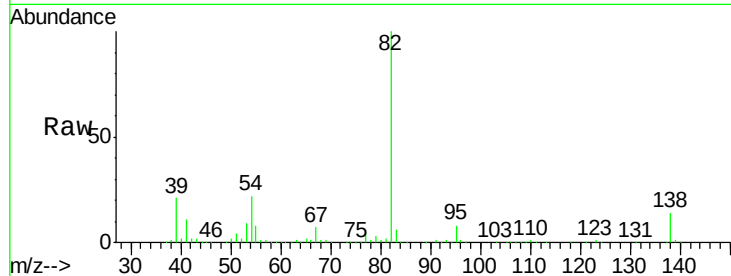
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion: 82 Resp: 904333

Ion Ratio Lower Upper

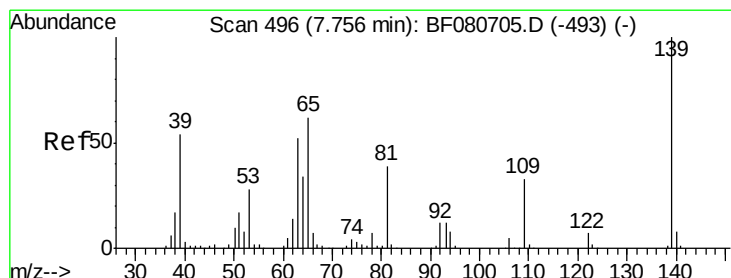
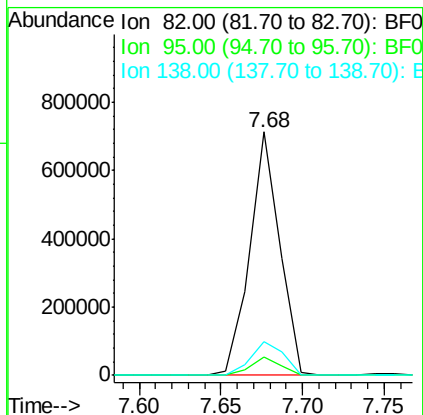
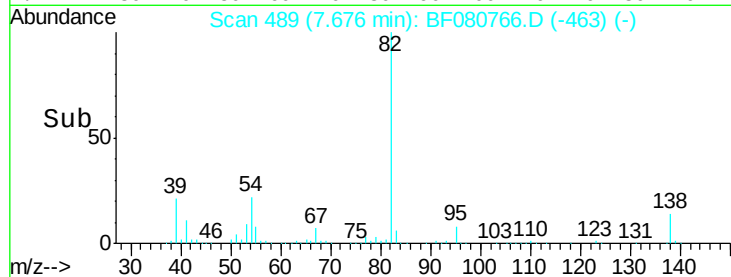
82 100

95 7.7 5.8 8.6

138 13.7 10.7 16.1

Manual Integrations
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8/3/2015 3:40:57 PM



#26

2-Nitrophenol

Concen: 52.53 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

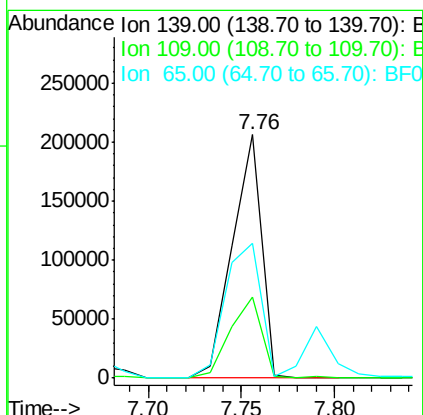
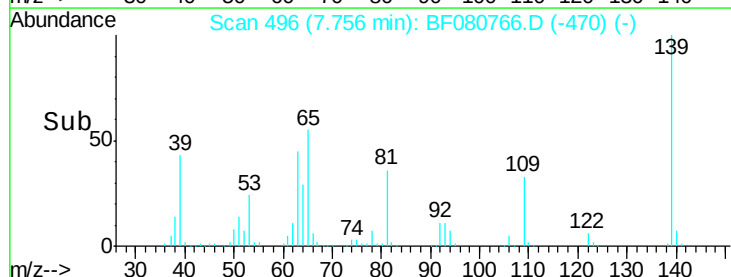
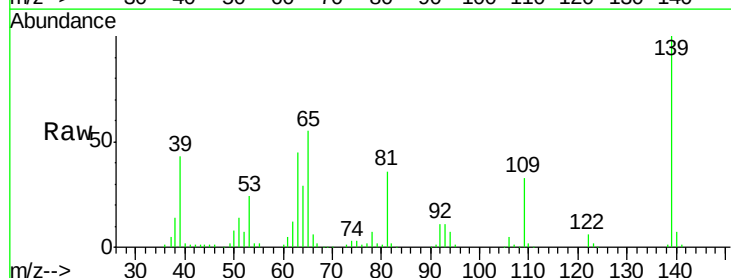
Tgt Ion: 139 Resp: 227063

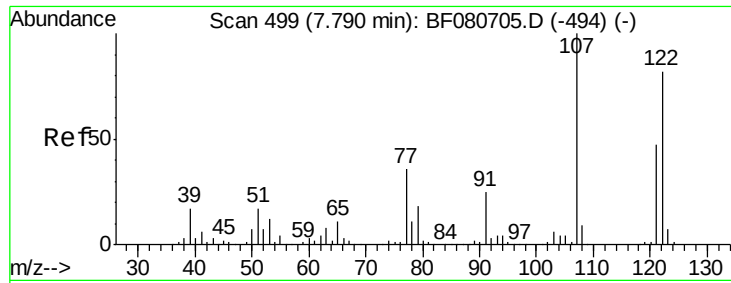
Ion Ratio Lower Upper

139 100

109 33.2 26.5 39.7

65 55.4 49.8 74.8





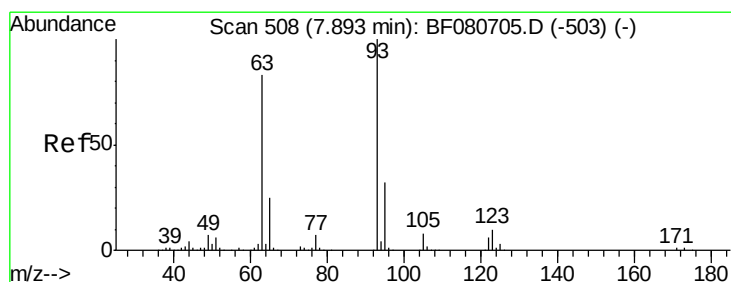
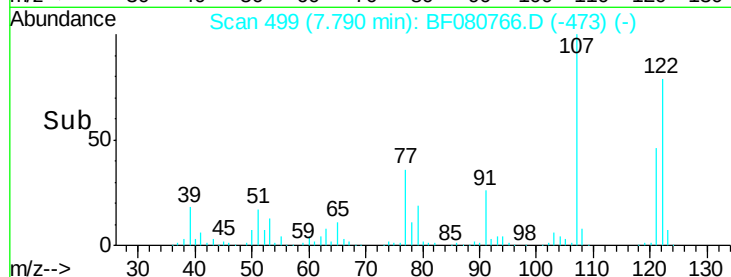
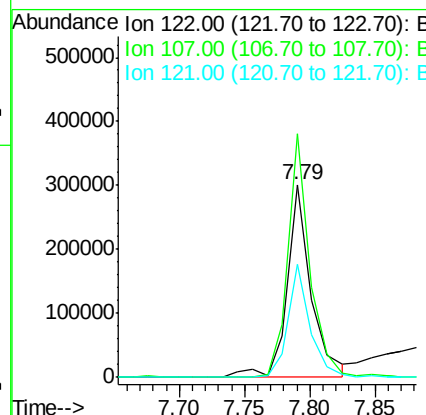
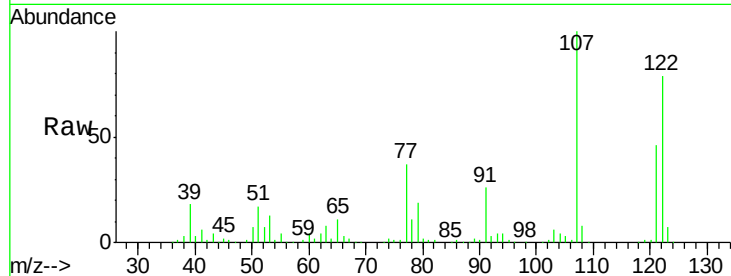
#27
 2,4-Dimethylphenol
 Concen: 47.72 ng
 RT: 7.79 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	387506		
107	126.2	98.1	147.1	
121	58.4	45.8	68.8	

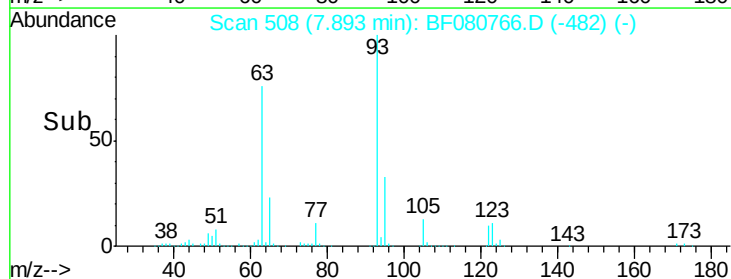
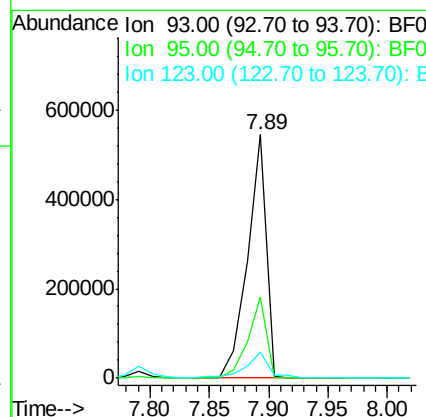
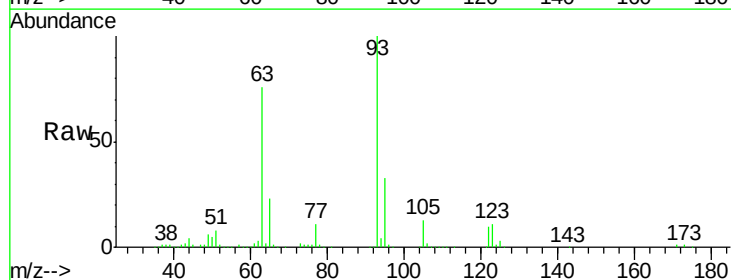
Manual Integrations
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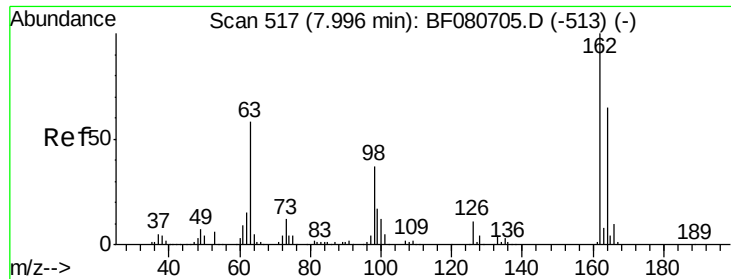
MMDadoda
 8/3/2015 3:40:57 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.48 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	598861		
95	33.2	26.0	39.0	
123	10.8	8.2	12.4	





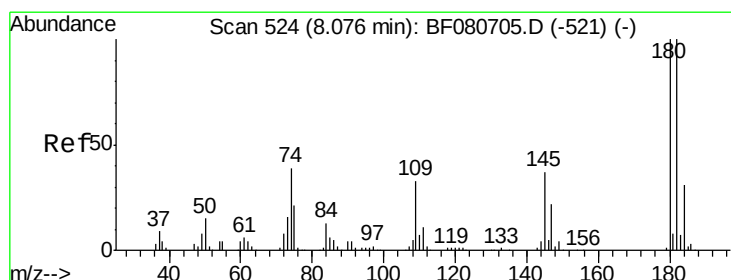
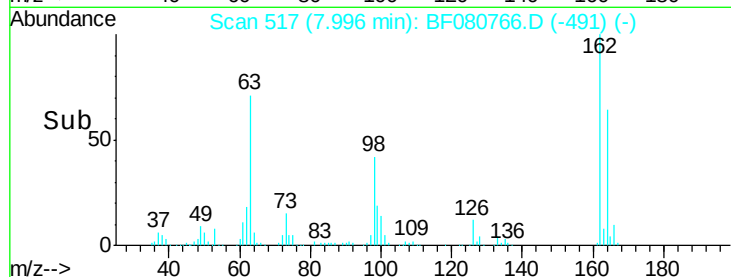
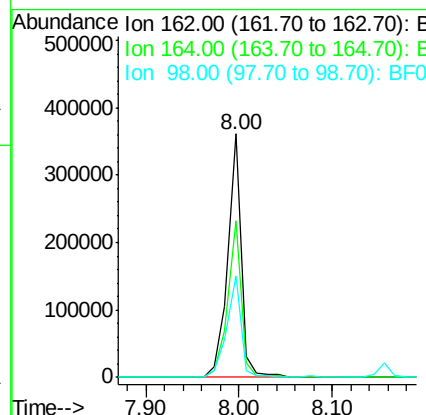
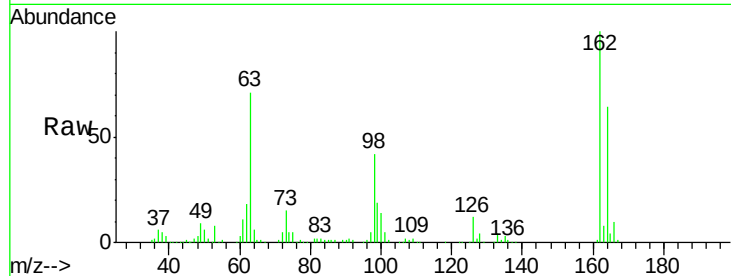
#29
2,4-Dichlorophenol
Concen: 50.61 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	365312		
164	64.3	45.1	85.1	
98	41.7	17.0	57.0	

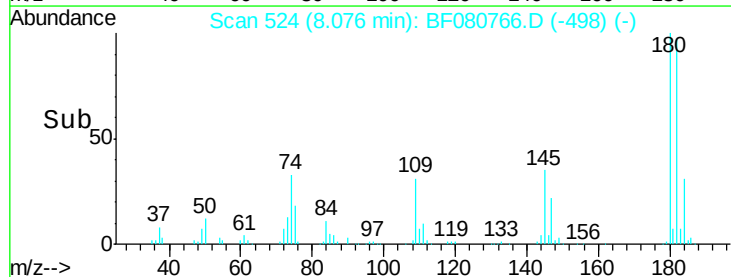
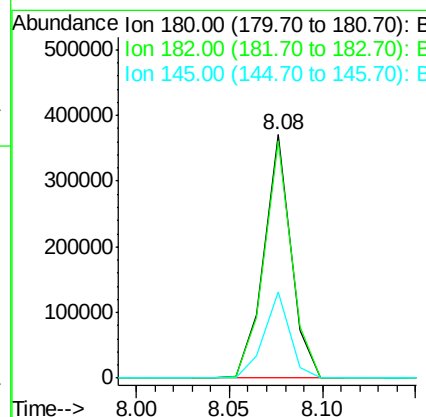
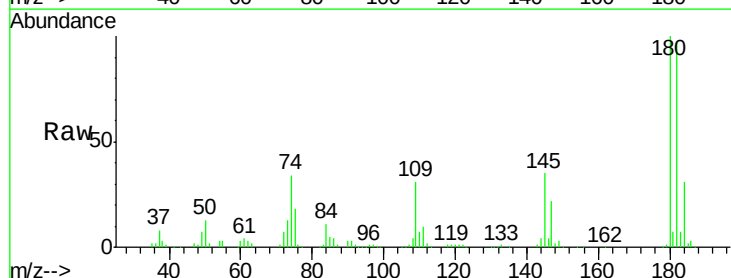
Manual Integrations
APPROVED

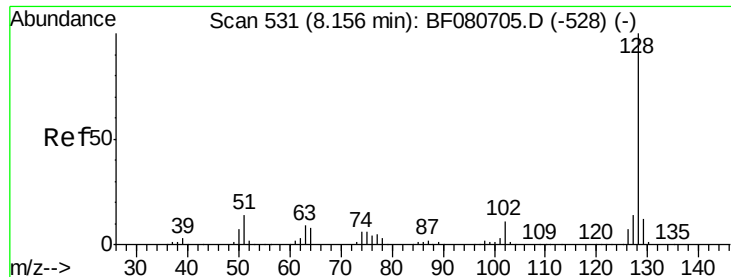
MMDadoda
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#30
1,2,4-Trichlorobenzene
Concen: 47.13 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	370933		
182	97.4	79.8	119.8	
145	35.5	29.8	44.6	





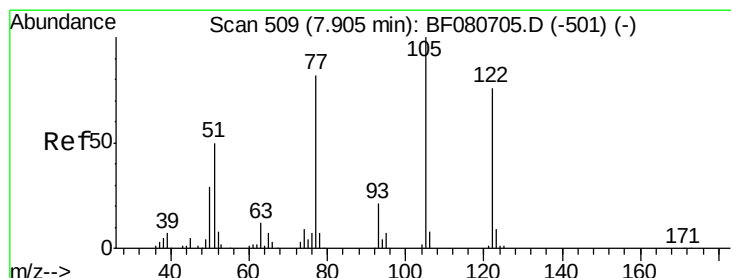
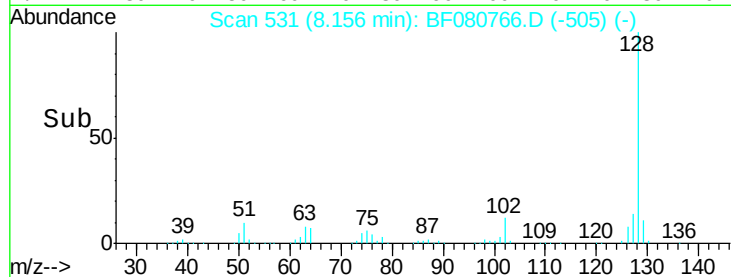
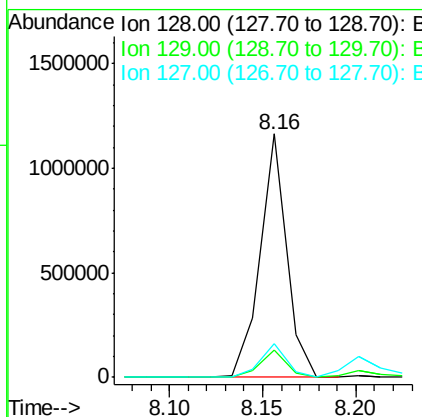
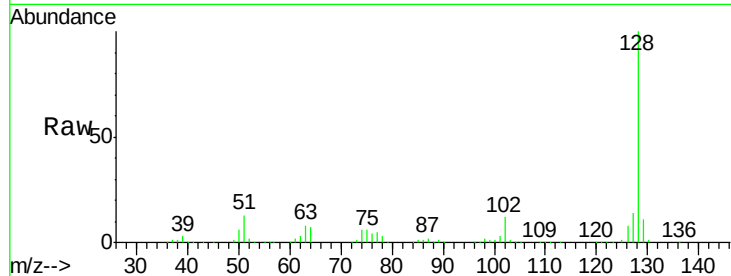
#31
Naphthalene
Concen: 44.41 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion:128 Resp: 1141002
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 14.0 11.0 16.6

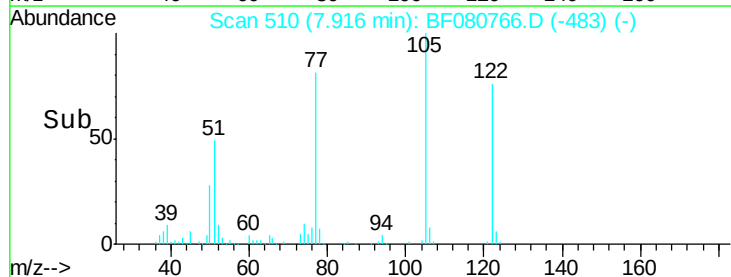
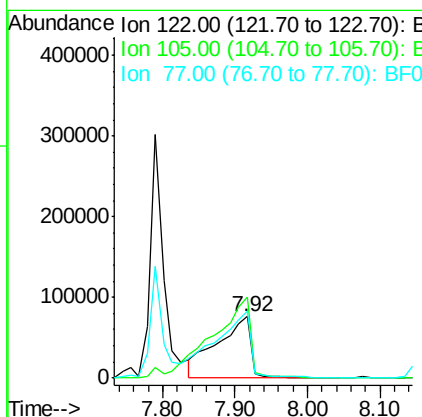
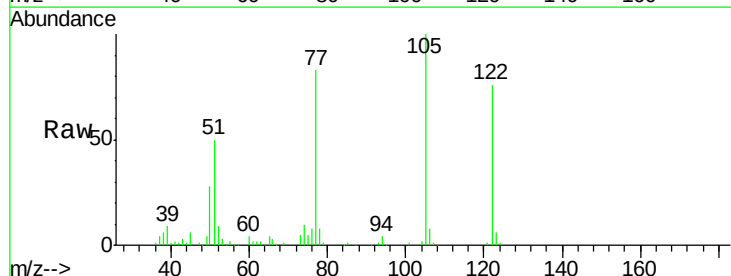
Manual Integrations
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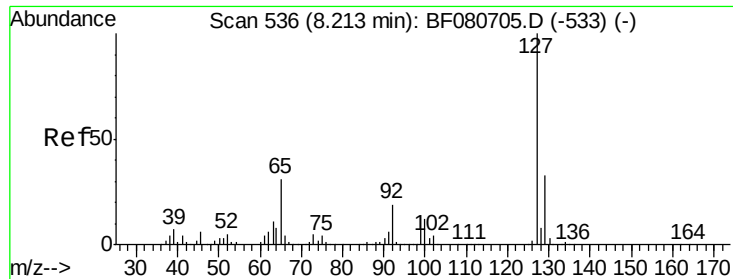
MMDadoda
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#32
Benzoic acid
Concen: 43.37 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion:122 Resp: 246745
Ion Ratio Lower Upper
122 100
105 130.9 111.3 151.3
77 109.0 88.1 128.1





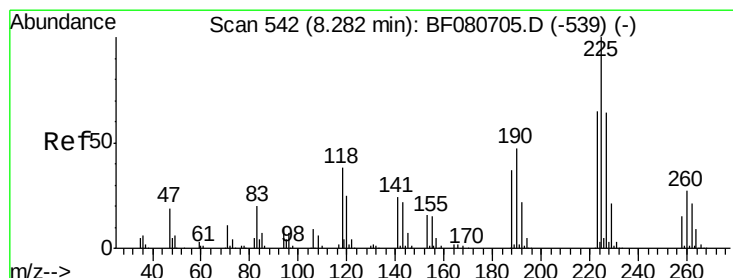
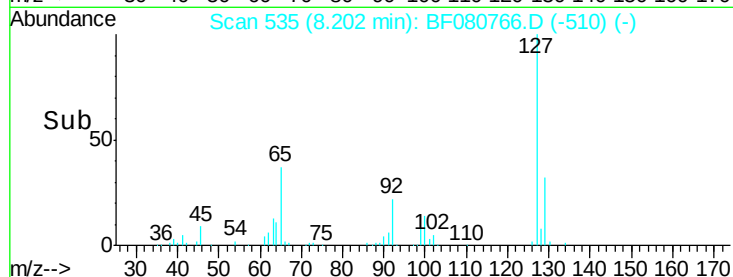
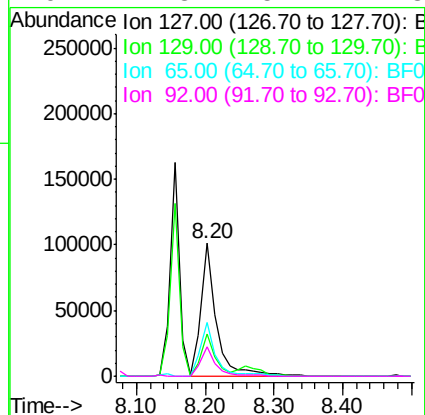
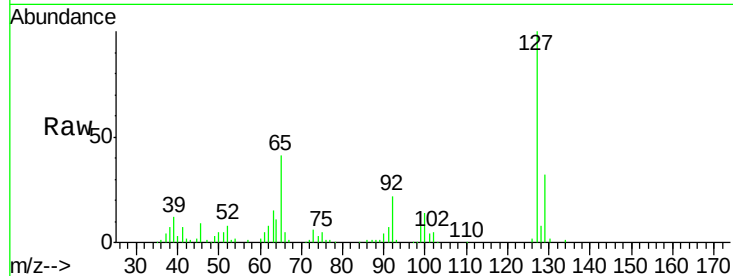
#33
4-Chloroaniline
Concen: 14.58 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	26.7	40.1
65	40.6	24.5	36.7
92	22.3	15.2	22.8

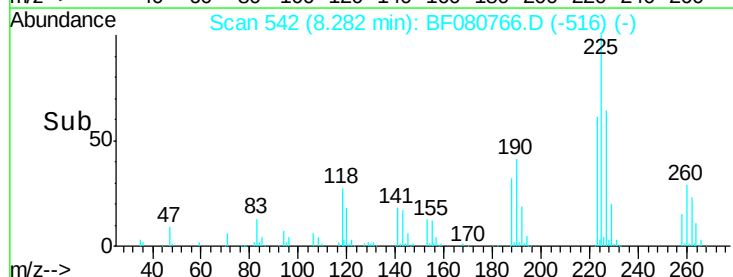
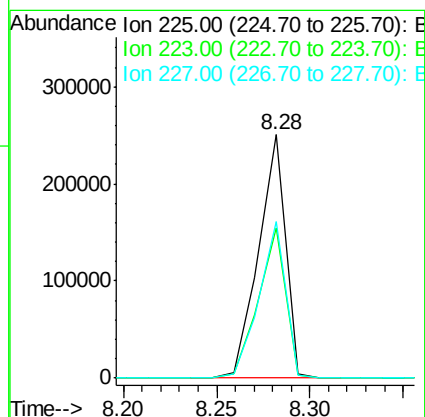
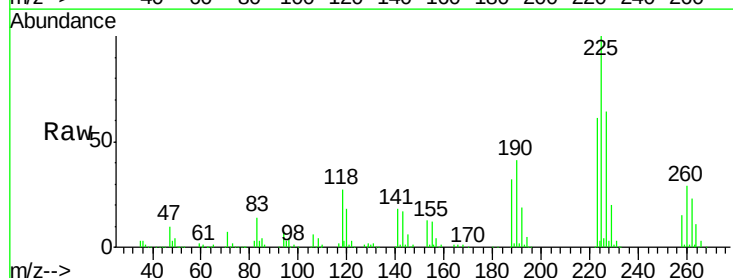
Manual Integrations
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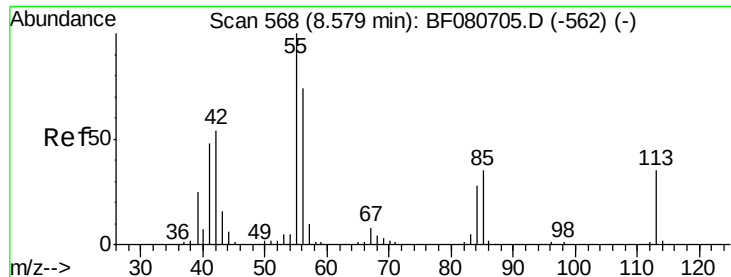
MMDadoda
8/3/2015 3:40:57 PM



#34
Hexachlorobutadiene
Concen: 49.13 ng
RT: 8.28 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	61.5	51.7	77.5
227	64.4	51.0	76.4





#35

Caprolactam

Concen: 43.24 ng m

RT: 8.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion:113 Resp: 93449

Ion Ratio Lower Upper

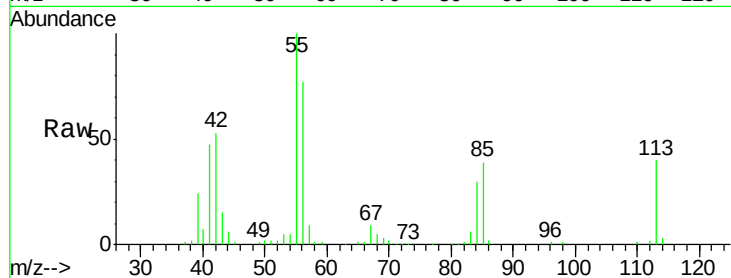
113 100

55 251.1 269.3 309.3#

56 194.3 193.3 233.3

Manual Integrations
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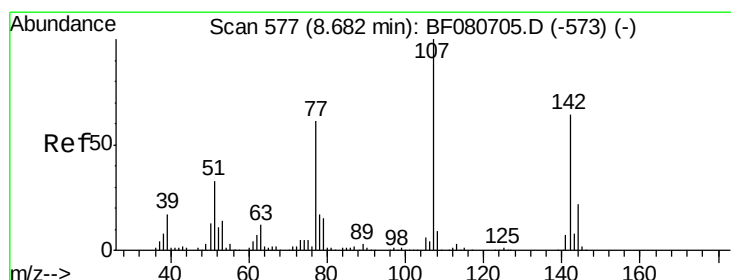
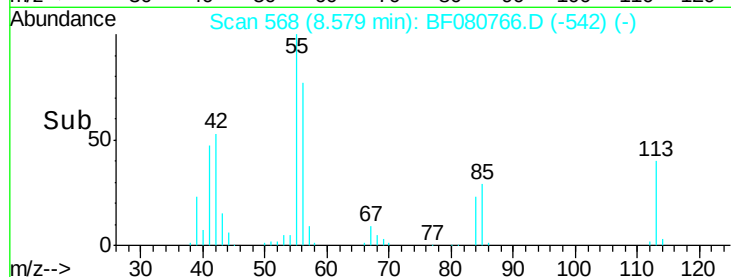
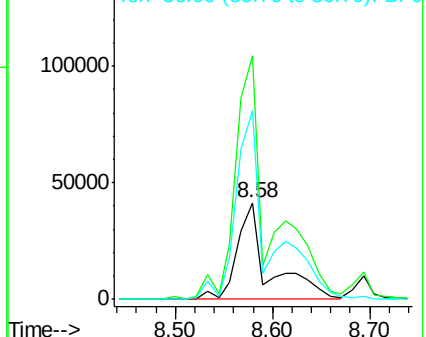
MMDadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 54.99 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

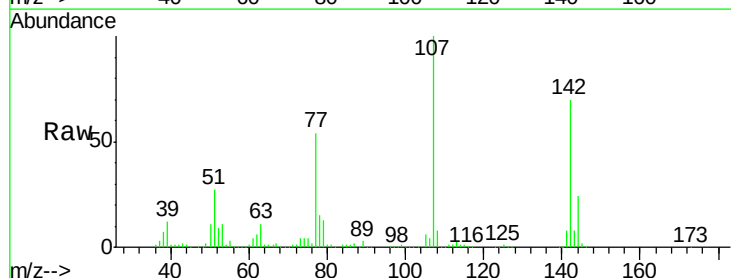
Tgt Ion:107 Resp: 427923

Ion Ratio Lower Upper

107 100

144 23.5 17.2 25.8

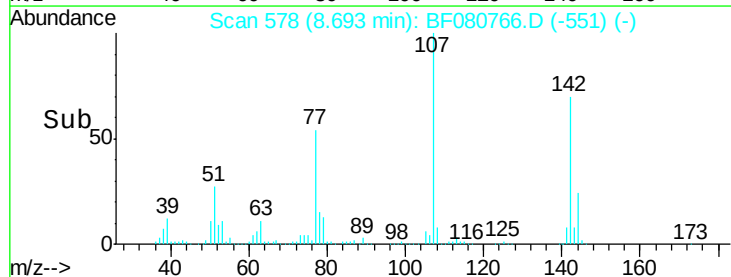
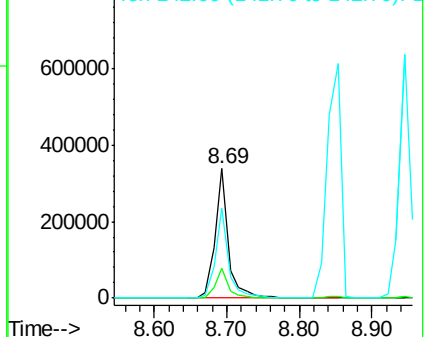
142 70.0 51.2 76.8

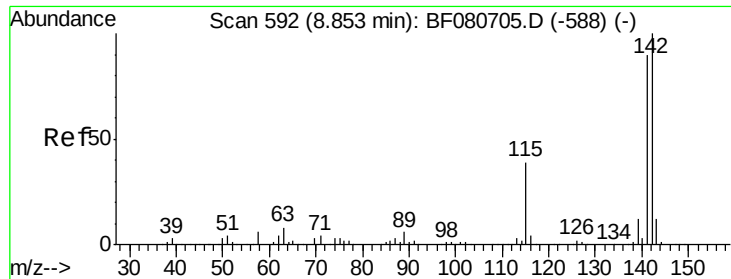


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

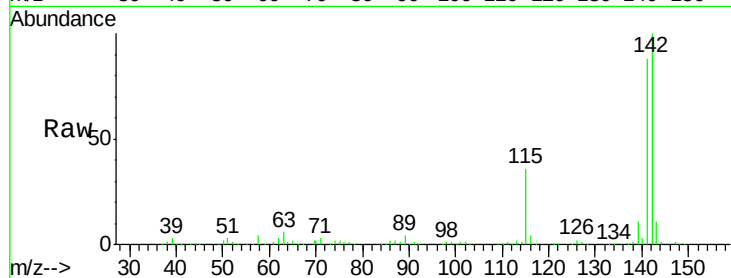
Ion 142.00 (141.70 to 142.70): E





#37
2-Methylnaphthalene
Concen: 50.50 ng
RT: 8.85 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

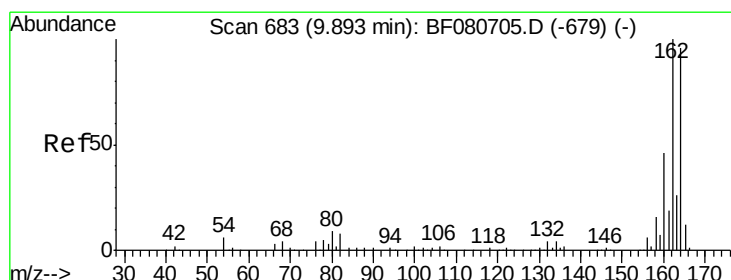
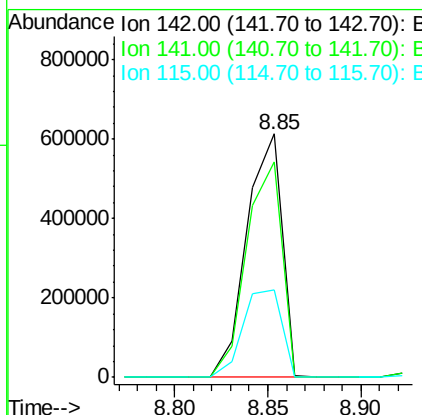
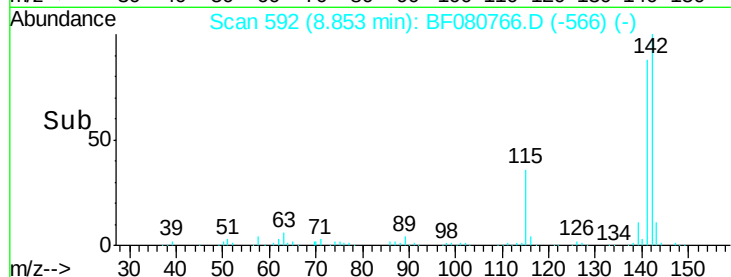
Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	36.0	31.4	47.2

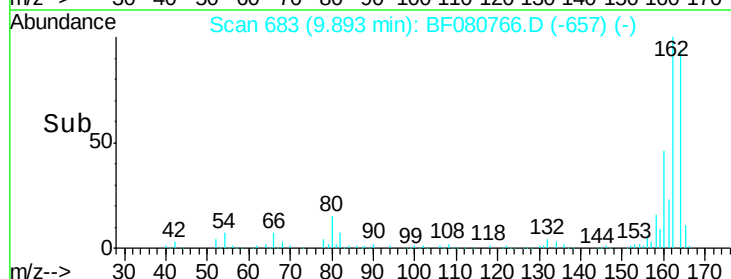
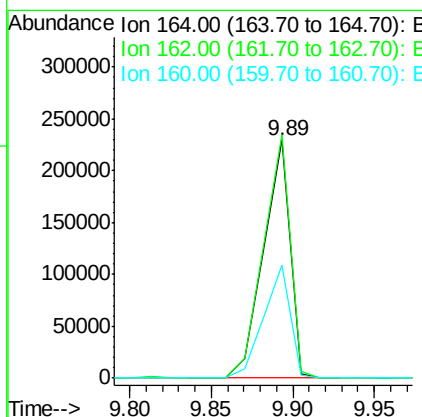
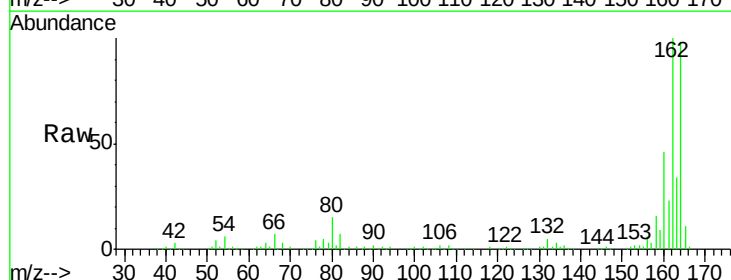
Manual Integrations
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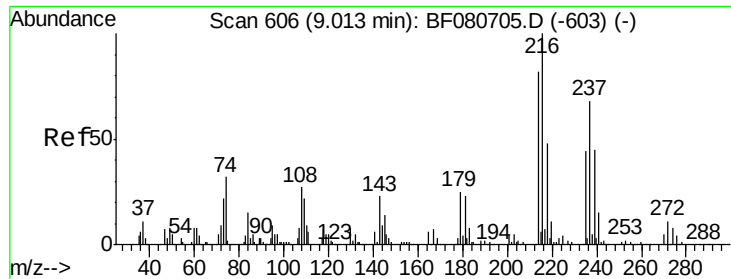
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.4	125.0
160	47.3	38.0	57.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.71 ng

RT: 9.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

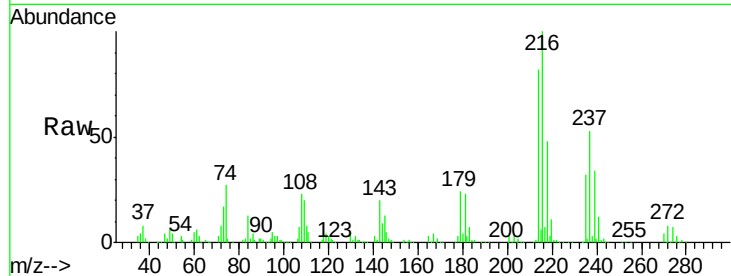
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

Manual Integrations
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Tgt Ion	Ratio	Resp	Lower	Upper
216	100	347888		
214	80.9	63.1	94.7	
179	22.4	16.9	25.3	
108	25.1	17.0	25.6	



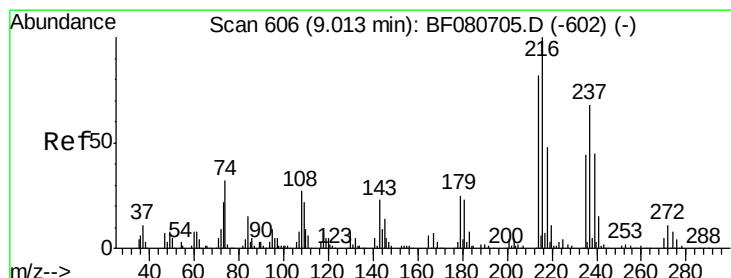
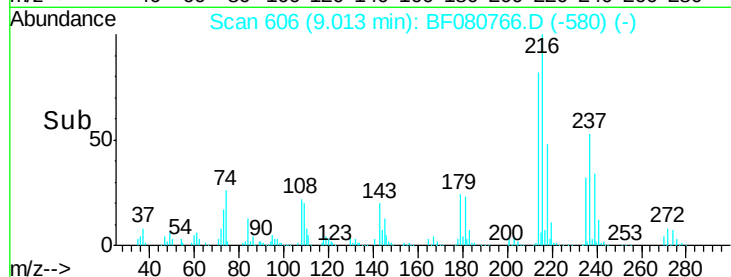
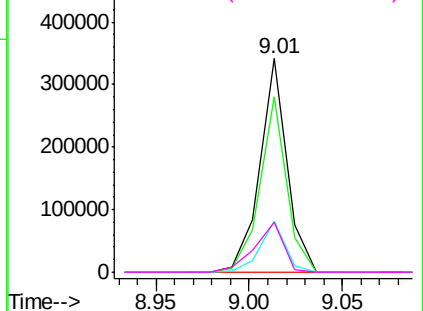
Abundance

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: 89.91 ng

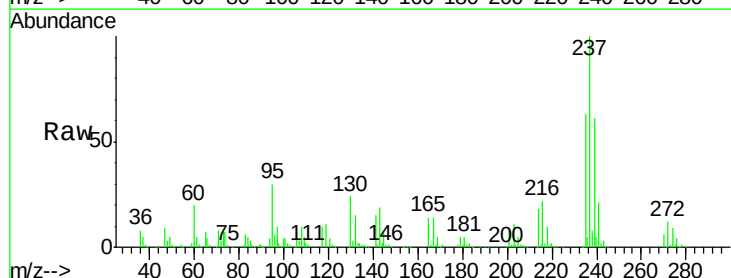
RT: 9.00 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	450560		
235	62.9	44.3	84.3	
272	11.5	0.0	35.5	

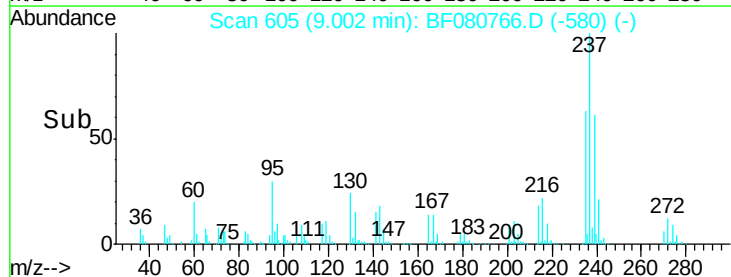
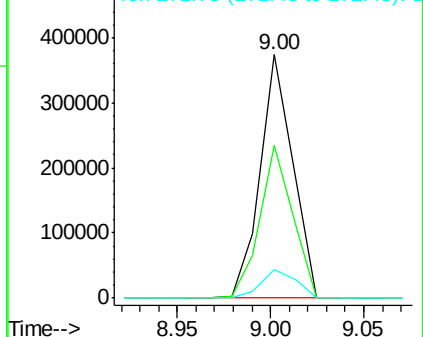


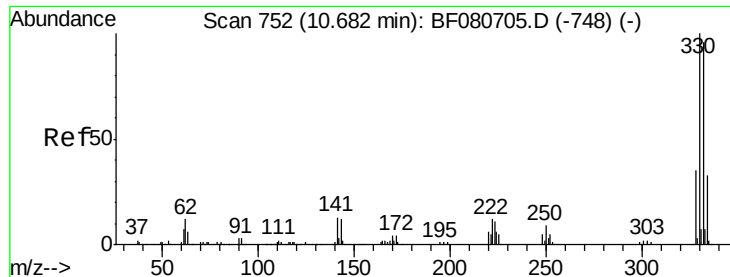
Abundance

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





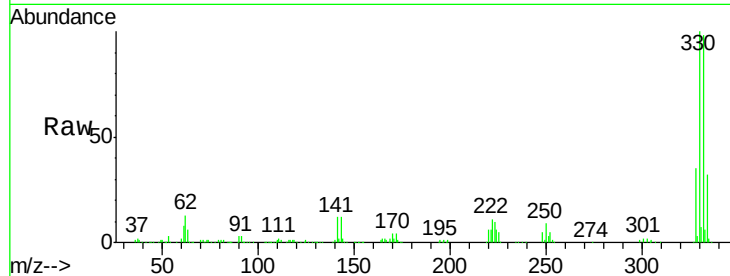
#41
 2,4,6-Tribromophenol
 Concen: 166.24 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

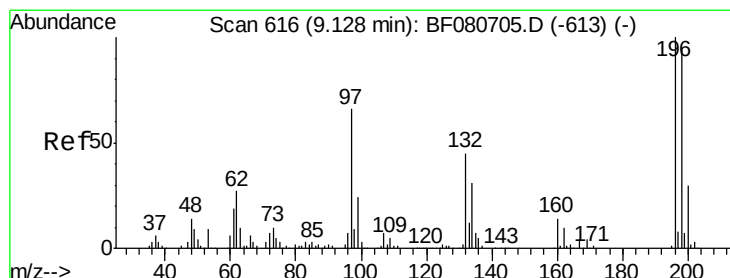
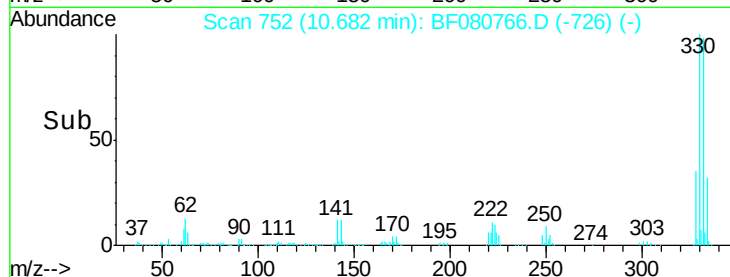
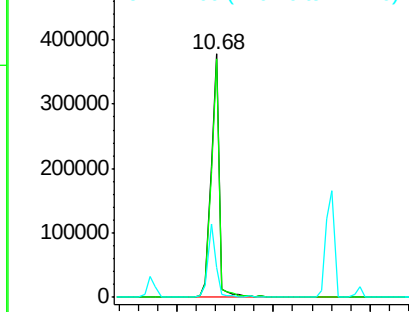
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	447415		
332	96.1	76.6	114.8	
141	29.4	26.0	39.0	

Manual Integrations
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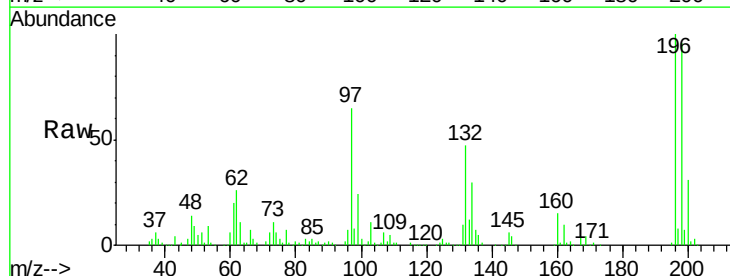


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

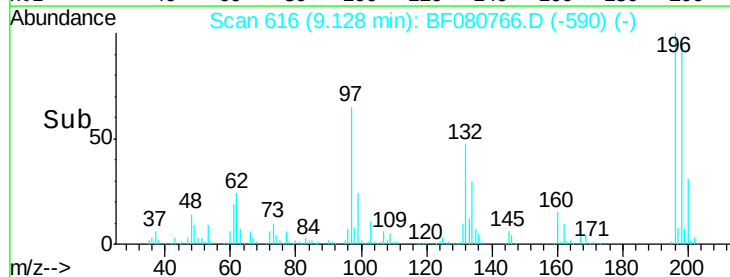
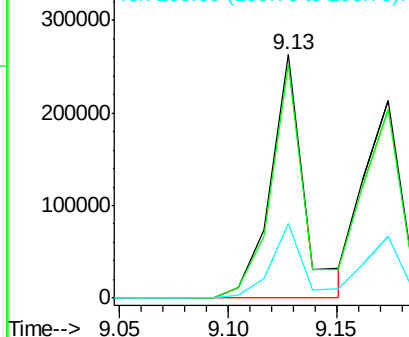


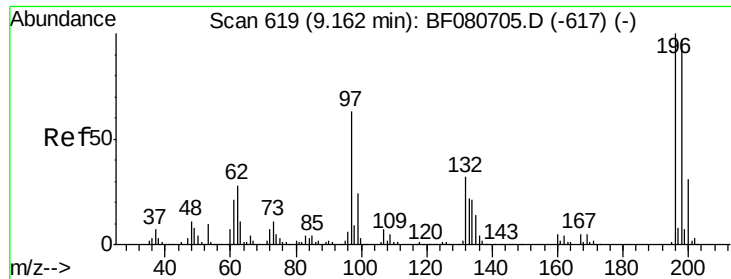
#42
 2,4,6-Trichlorophenol
 Concen: 49.73 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281805		
198	95.8	75.8	113.8	
200	30.5	24.2	36.2	



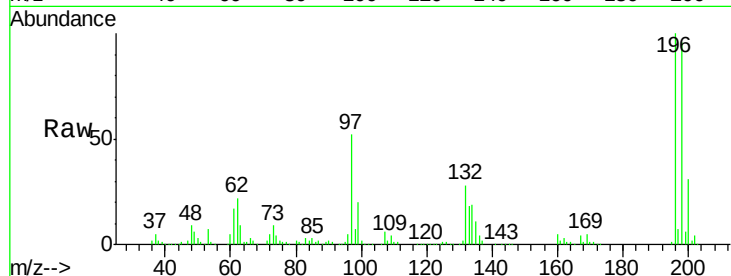
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 50.57 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

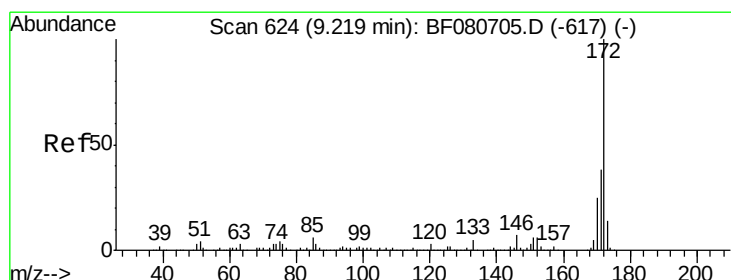
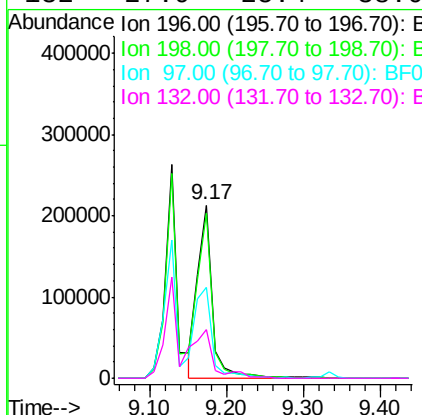
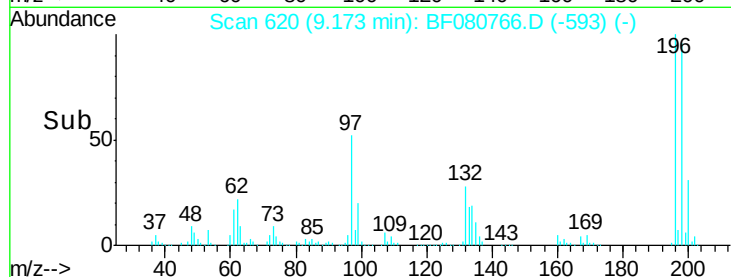
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
196	100	284220		
198	95.6	77.8	116.8	
97	52.4	49.0	73.4	
132	27.9	25.4	38.0	

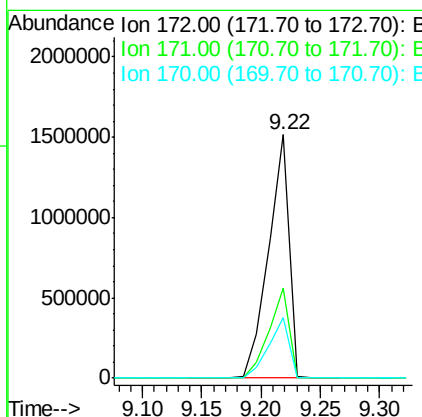
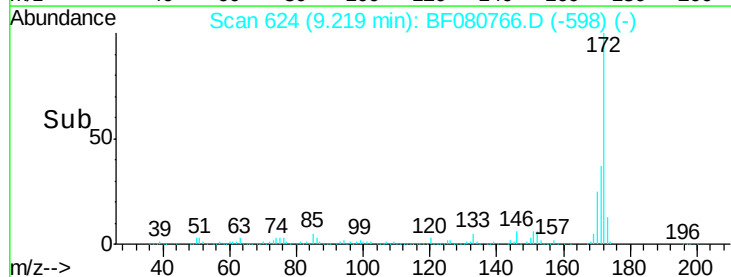
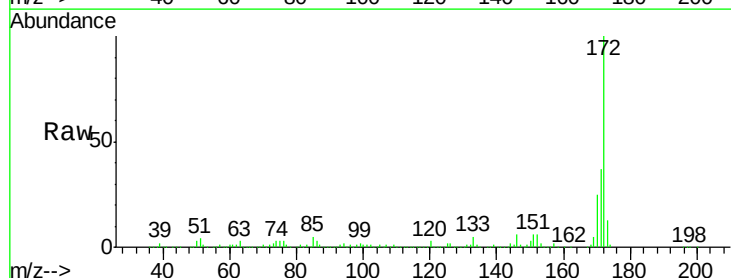
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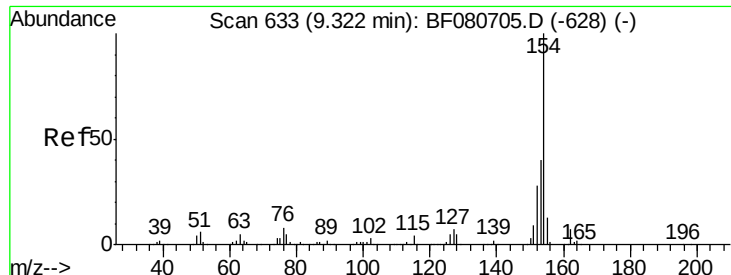
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#44
 2-Fluorobiphenyl
 Concen: 105.68 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1837315		
171	37.0	30.2	45.4	
170	24.9	20.2	30.2	





#45

1,1'-Biphenyl

Concen: 44.03 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

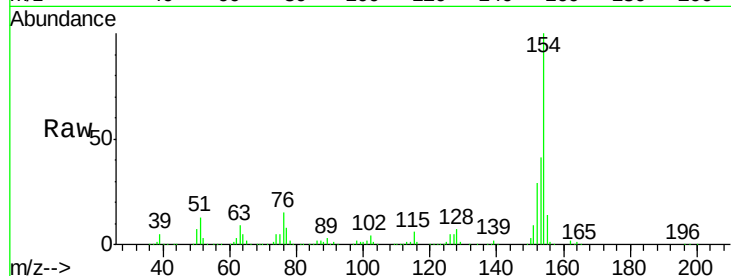
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

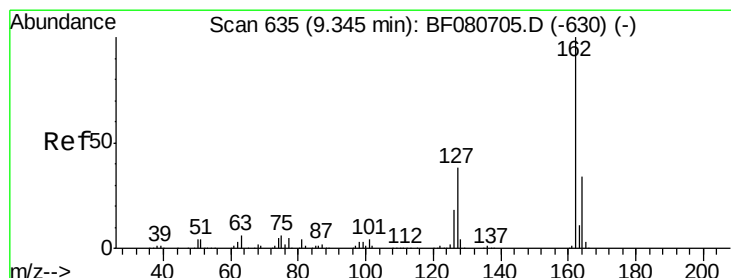
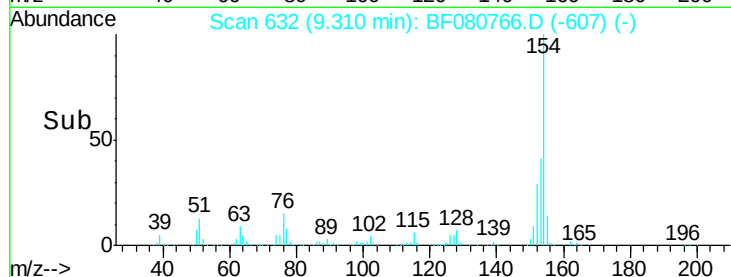
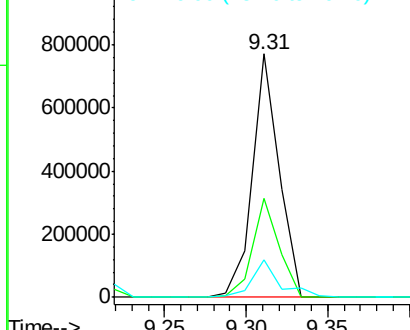
Tgt Ion:	154	Resp:	875656
Ion Ratio		Lower	Upper
154	100		
153	40.8	19.9	59.9
76	15.5	0.0	28.3

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



#46

2-Chloronaphthalene

Concen: 44.90 ng

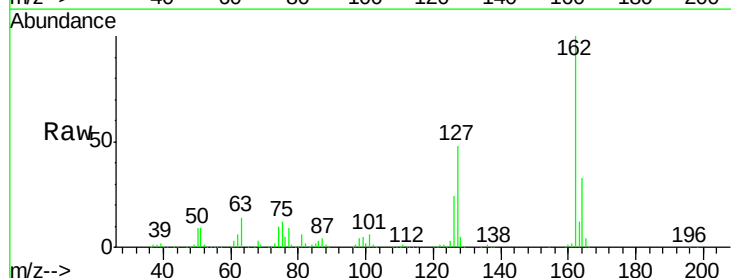
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

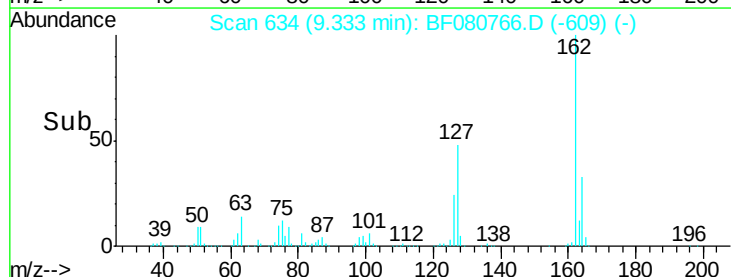
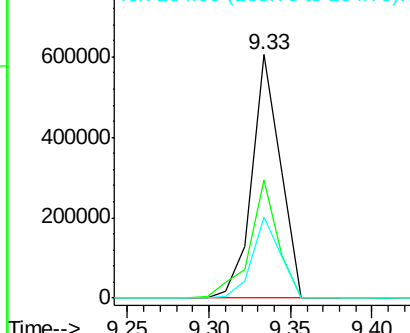
Lab File: BF080766.D

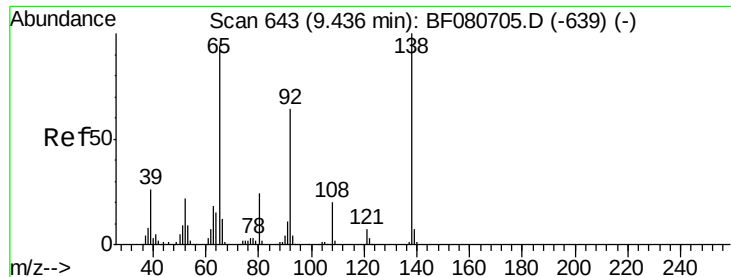
Acq: 1 Aug 2015 7:41

Tgt Ion:	162	Resp:	729313
Ion Ratio		Lower	Upper
162	100		
127	48.5	30.2	45.4#
164	33.2	27.1	40.7



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





#47

2-Nitroaniline

Concen: 50.29 ng

RT: 9.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

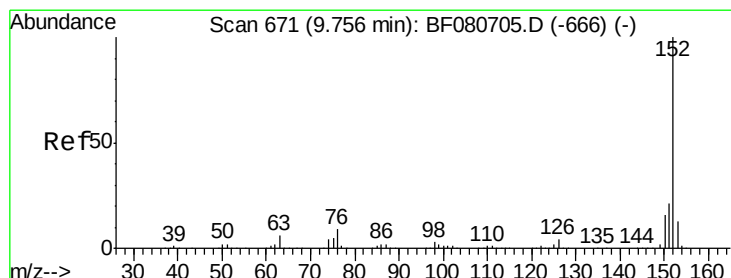
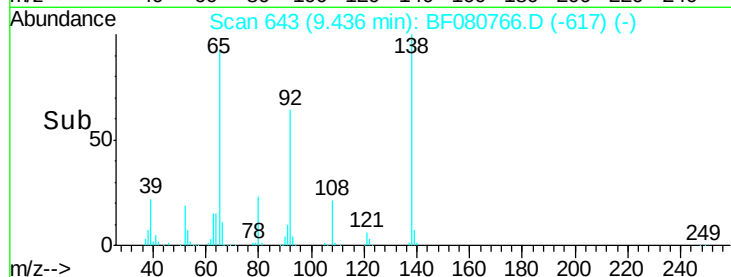
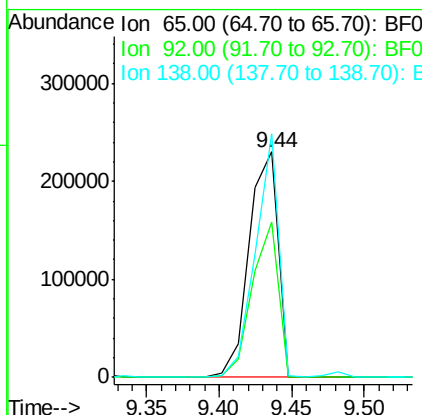
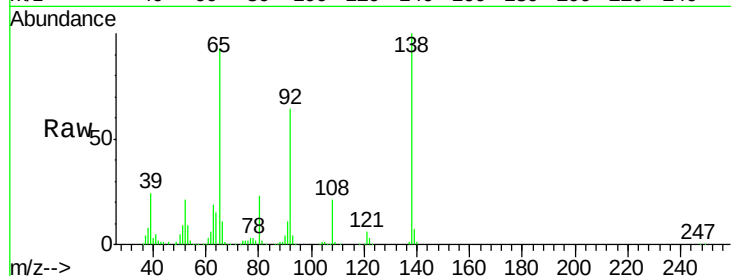
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	54.9	82.3
138	108.0	85.1	127.7



#48

Acenaphthylene

Concen: 49.65 ng

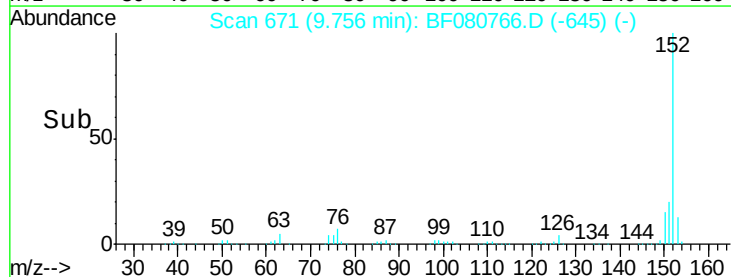
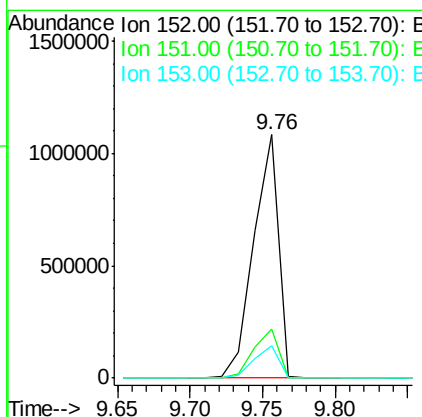
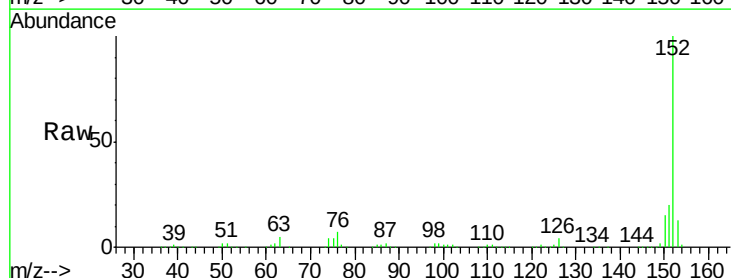
RT: 9.76 min Scan# 671

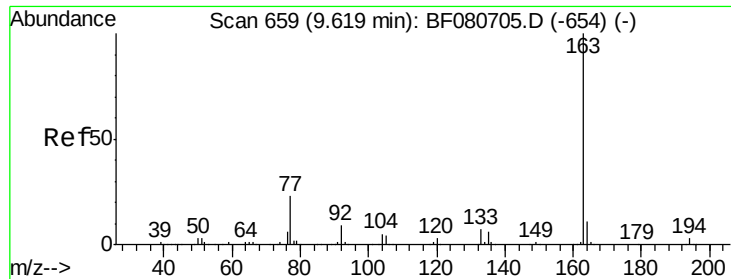
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.0	25.6
153	13.2	10.8	16.2





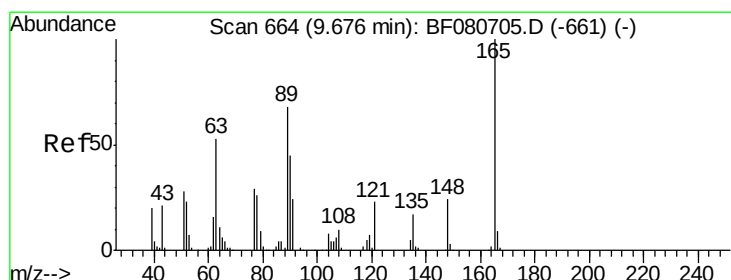
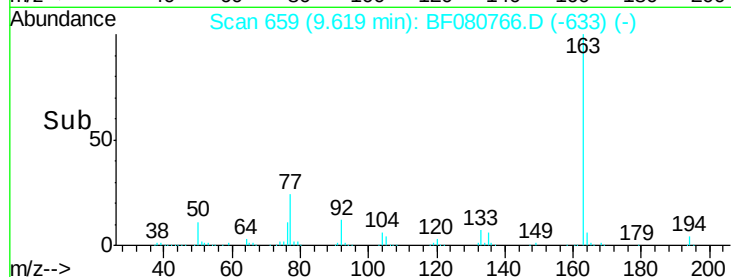
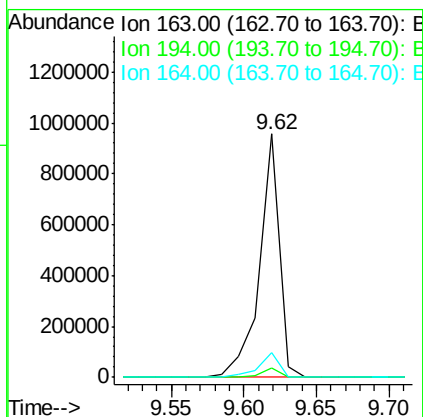
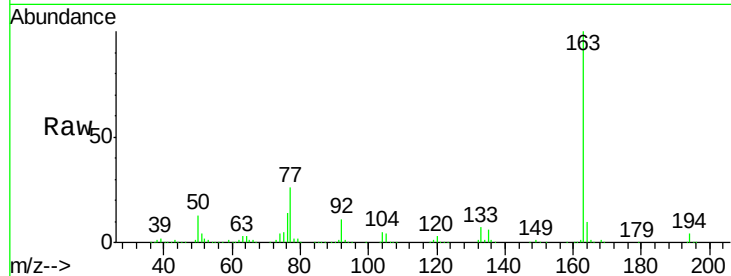
#49
Dimethylphthalate
Concen: 49.88 ng
RT: 9.62 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	911733		
194	3.6	2.7	4.1	
164	10.4	8.7	13.1	

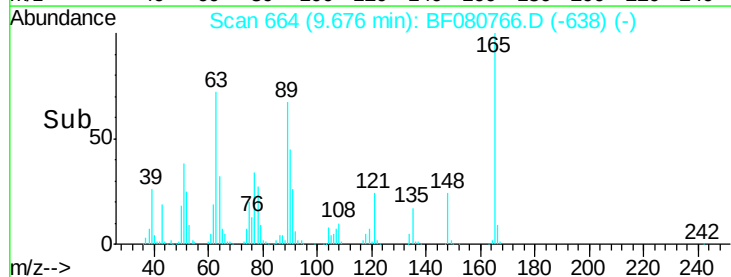
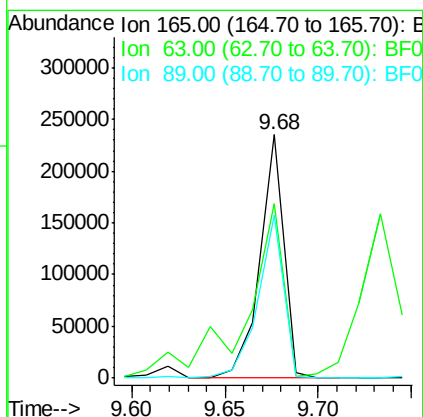
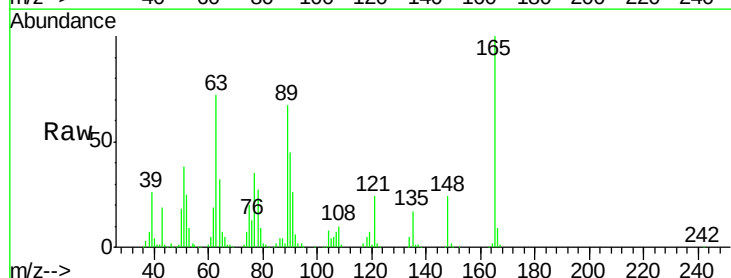
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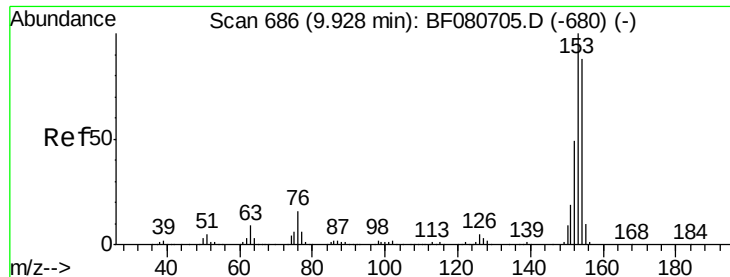
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#50
2,6-Dinitrotoluene
Concen: 53.65 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208129		
63	71.6	62.3	93.5	
89	67.2	54.8	82.2	





#51

Acenaphthene

Concen: 56.31 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF080766.D

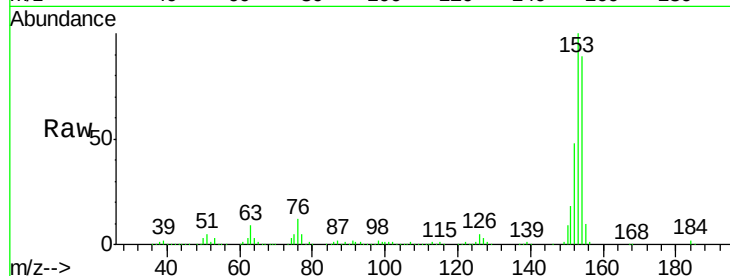
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

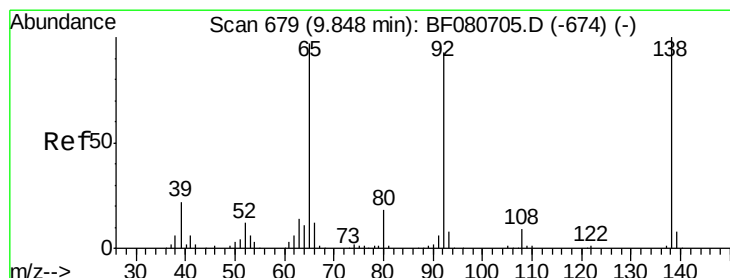
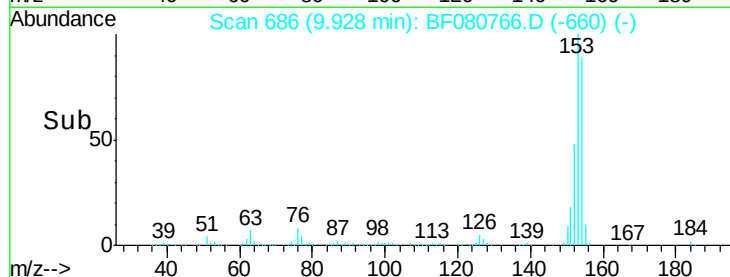
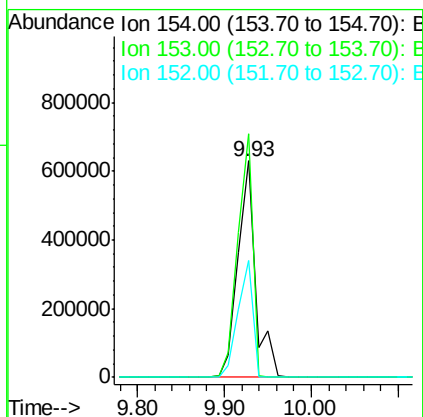
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Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.4	90.7	136.1	
152	53.7	44.2	66.4	

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#52

3-Nitroaniline

Concen: 24.89 ng

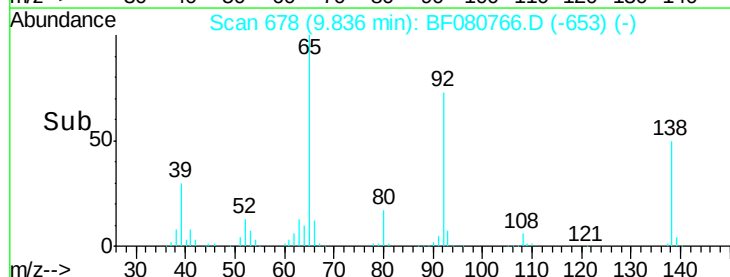
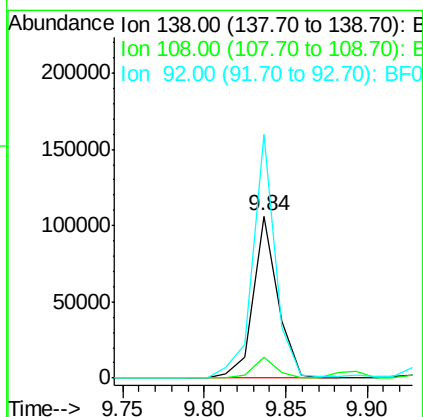
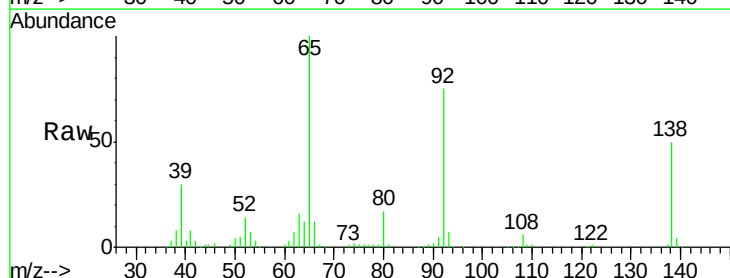
RT: 9.84 min Scan# 678

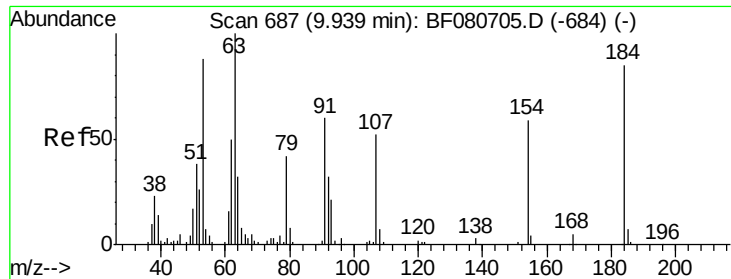
Delta R.T. -0.01 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	12.6	6.9	10.3#	
92	150.2	74.1	111.1#	





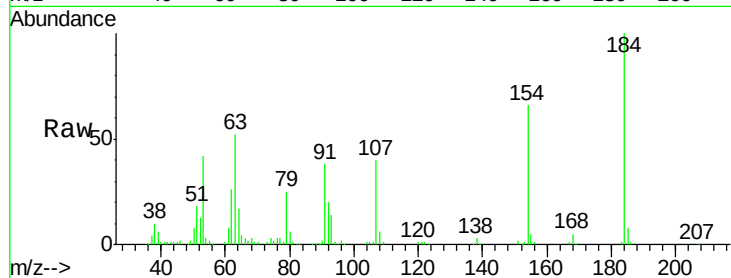
#53
2,4-Dinitrophenol
Concen: 110.90 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
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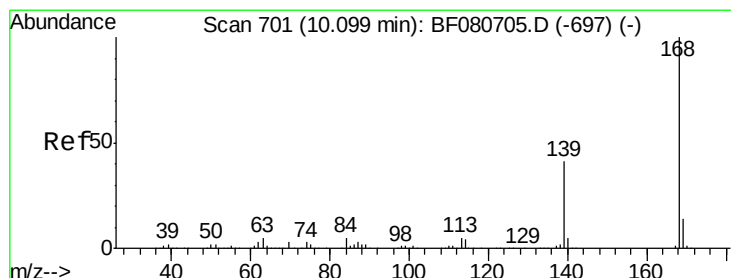
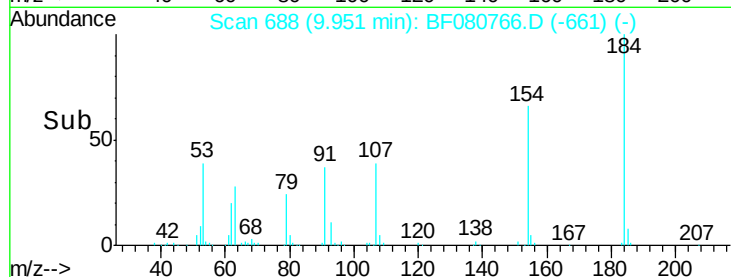
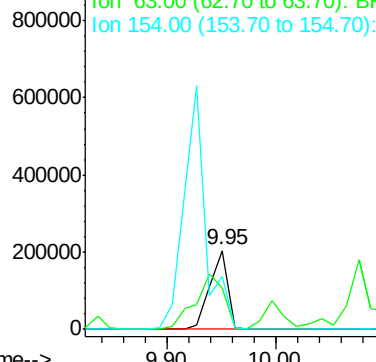
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	229128		
63	52.3	96.0	144.0#	
154	66.2	66.0	99.0	

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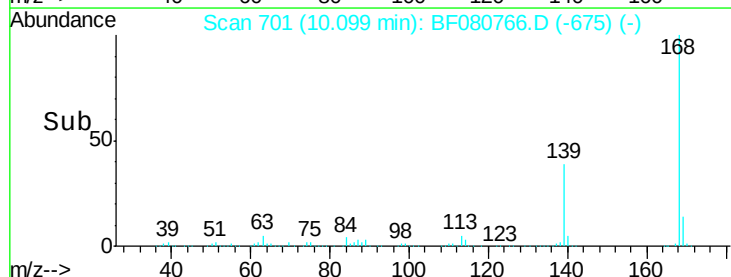
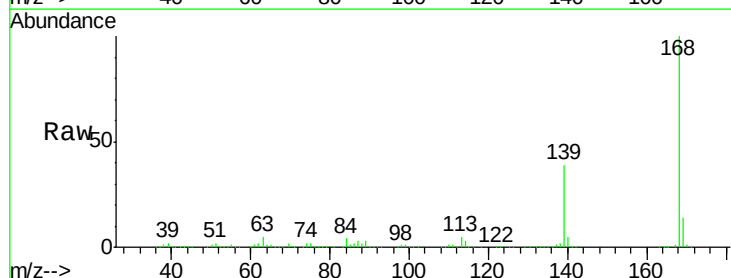
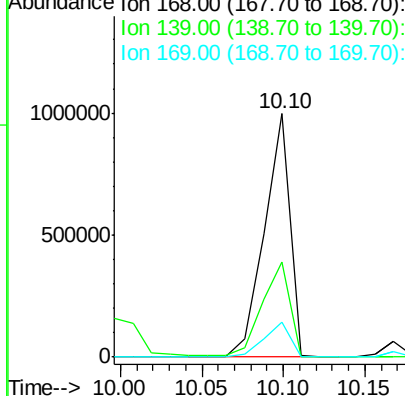
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

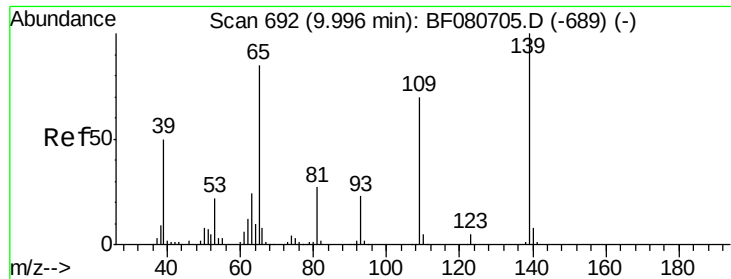


#54
Dibenzofuran
Concen: 51.68 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1089223		
139	39.1	33.0	49.6	
169	14.3	11.4	17.2	

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





#55

4-Nitrophenol

Concen: 77.90 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

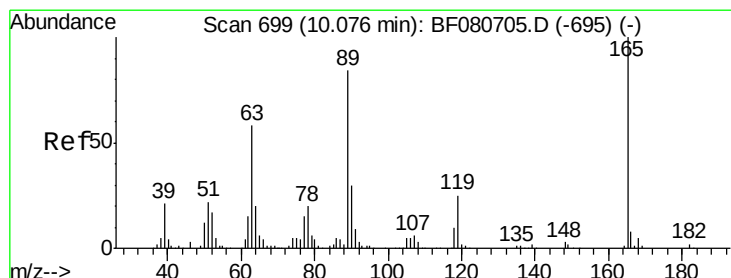
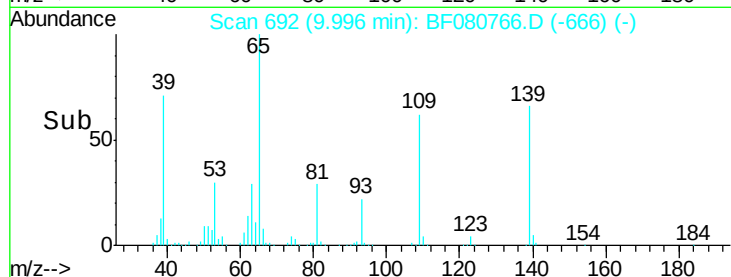
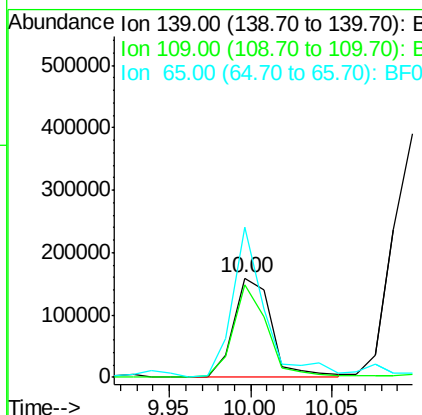
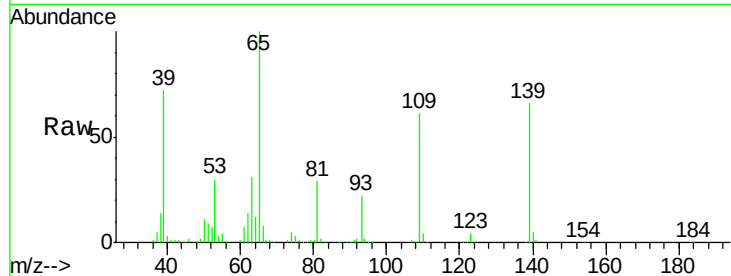
ClientSampleId :

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Tgt Ion:	139	Resp:	256903
Ion Ratio	Lower	Upper	
139	100		
109	93.2	50.4	90.4#
65	151.7	66.1	106.1#



#56

2,4-Dinitrotoluene

Concen: 49.38 ng

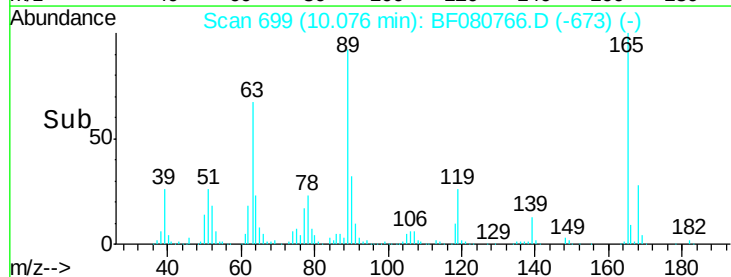
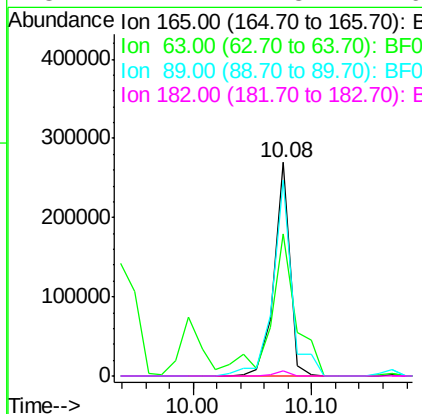
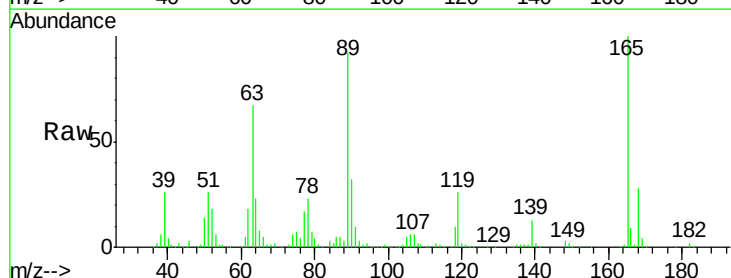
RT: 10.08 min Scan# 699

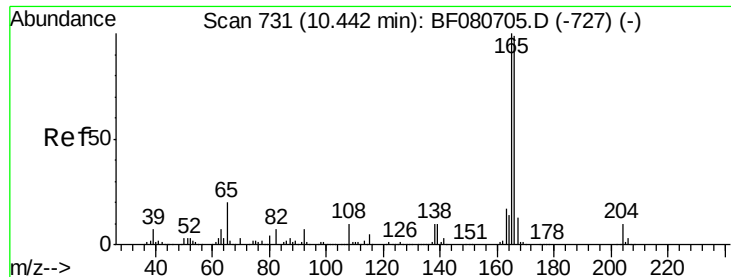
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion:	165	Resp:	251180
Ion Ratio	Lower	Upper	
165	100		
63	66.8	46.7	70.1
89	91.9	67.4	101.2
182	2.2	1.8	2.6





#57

Fluorene

Concen: 49.60 ng

RT: 10.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

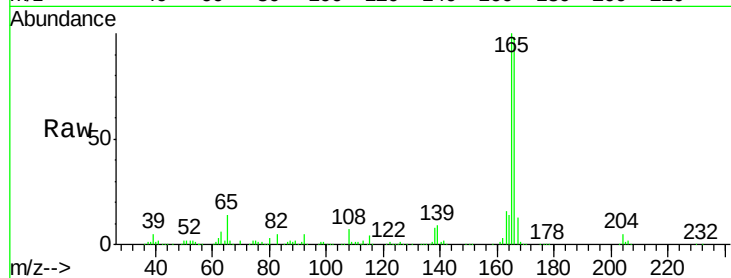
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

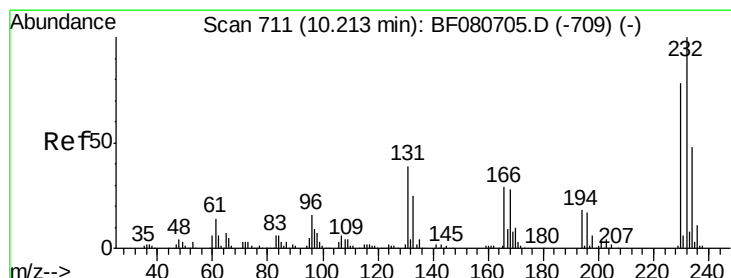
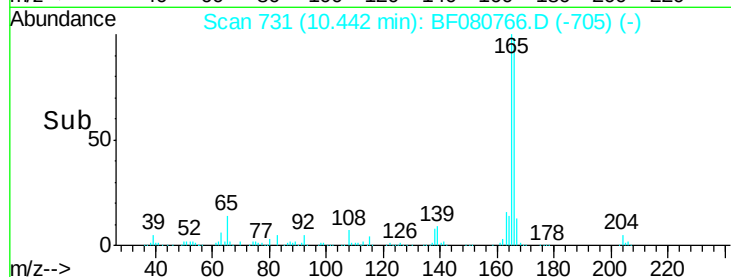
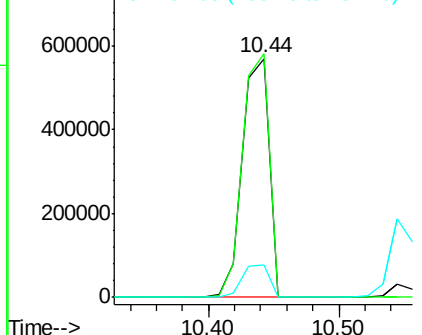
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	102.1	81.0	121.4	
167	13.3	10.8	16.2	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.82 ng

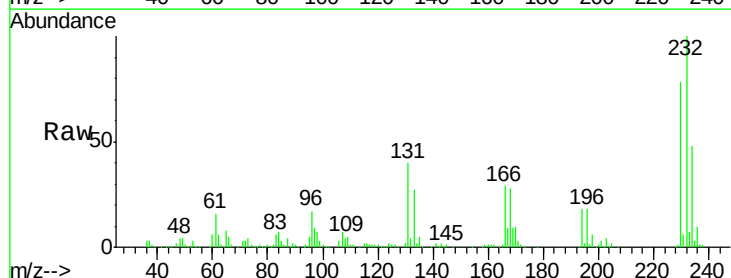
RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

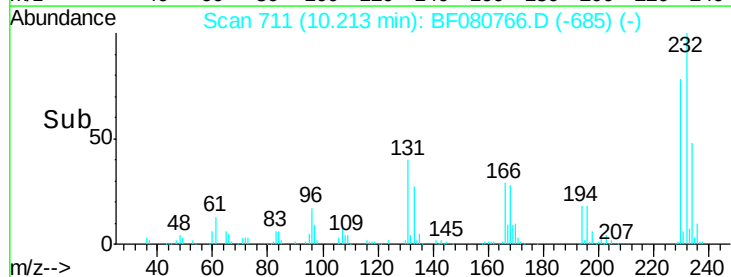
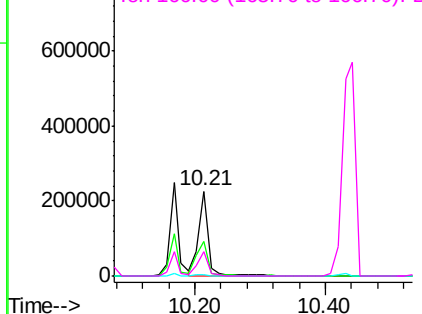
Lab File: BF080766.D

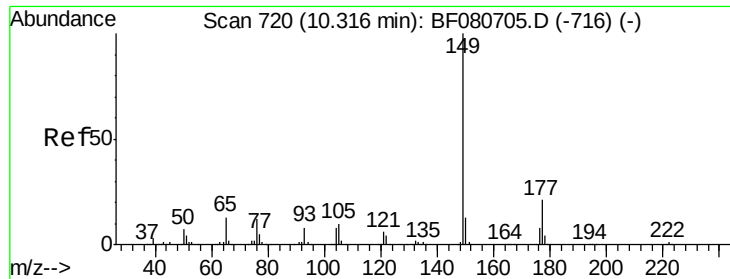
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.8	38.2	57.2	
130	2.4	1.8	2.6	
166	29.7	25.6	38.4	



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





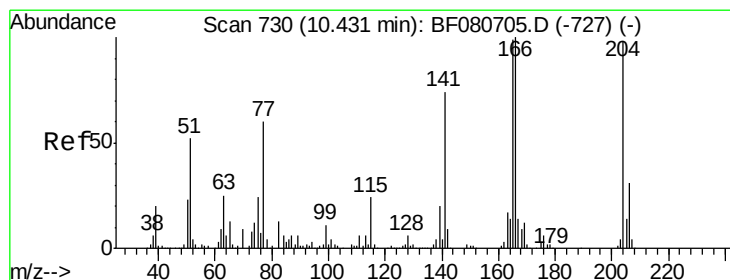
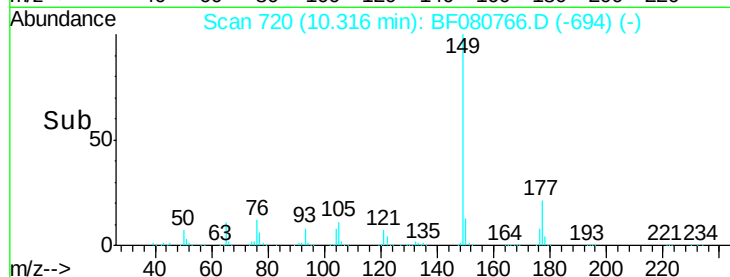
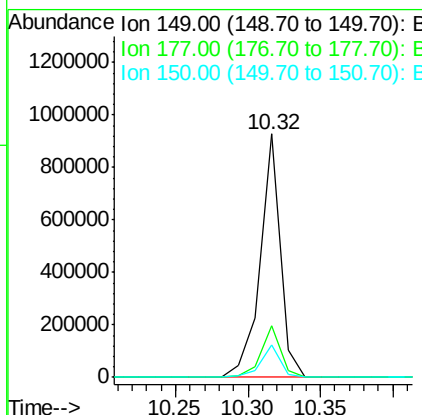
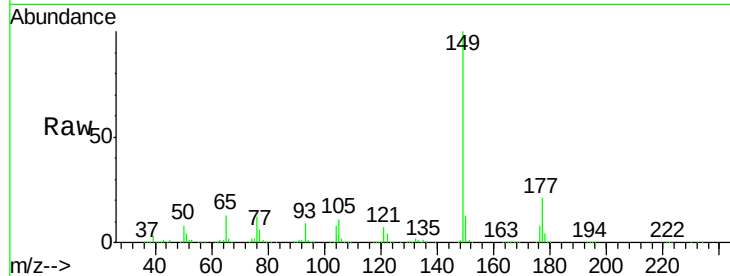
#59
Diethylphthalate
Concen: 50.76 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	894323		
177	21.0	16.6	25.0	
150	13.1	10.2	15.4	

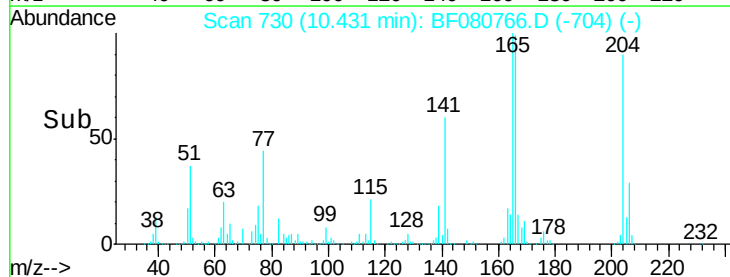
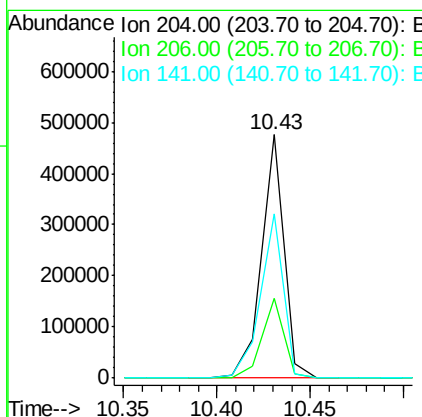
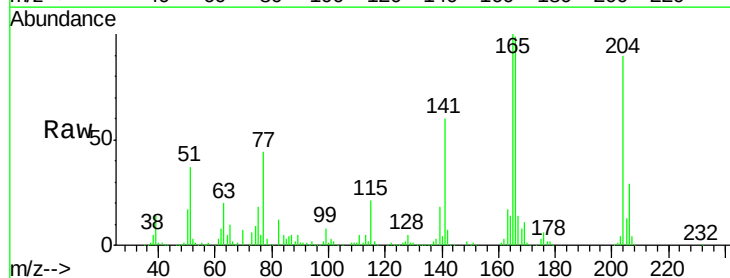
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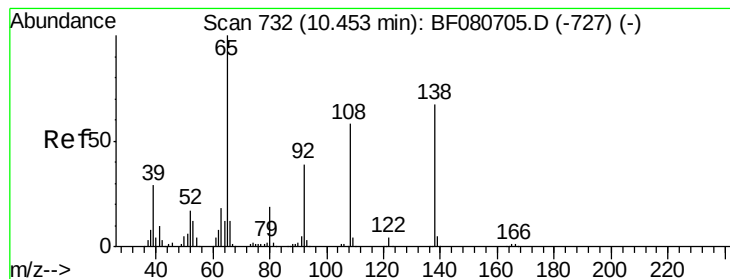
MMDadoda
8/3/2015 3:40:57 PM



#60
4-Chlorophenyl-phenylether
Concen: 57.12 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	400969		
206	32.8	25.1	37.7	
141	67.2	60.3	90.5	





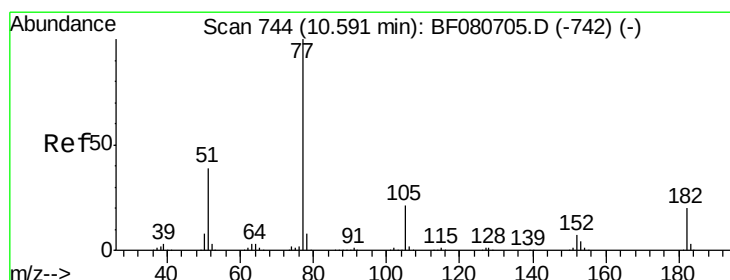
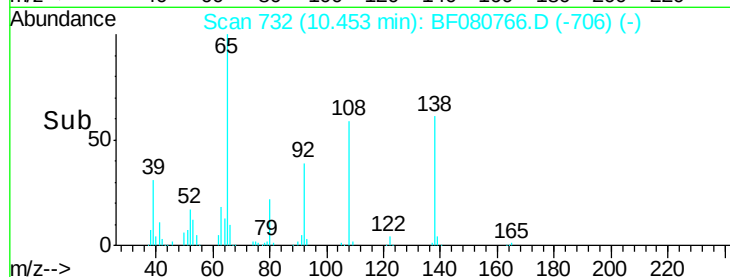
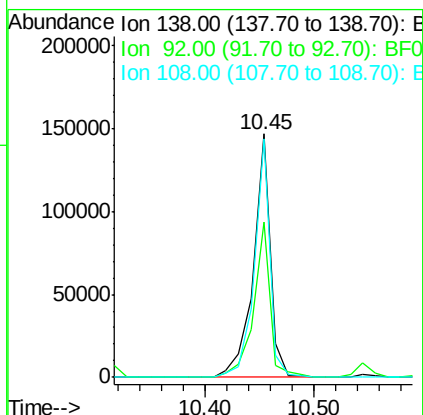
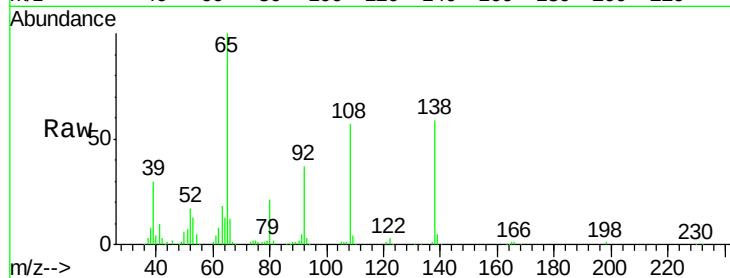
#61
4-Nitroaniline
Concen: 40.14 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	64.0	38.2	78.2
108	97.9	66.3	106.3

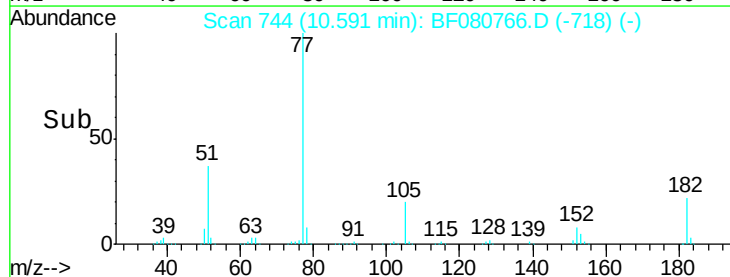
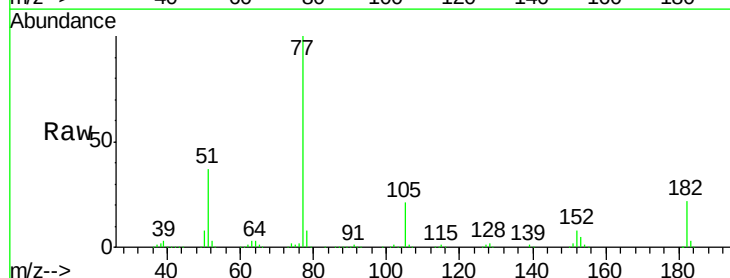
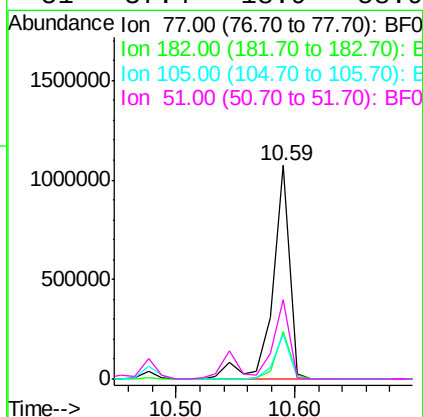
Manual Integrations
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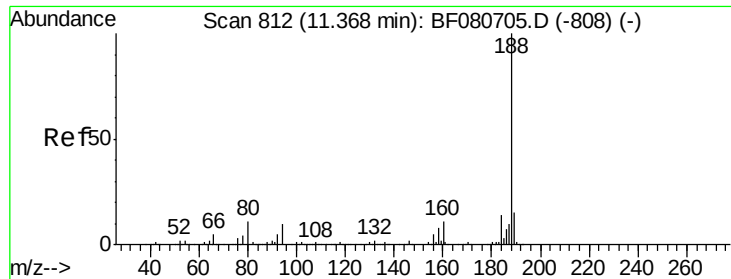
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#62
Azobenzene
Concen: 56.54 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	0.0	39.9
105	20.8	1.1	41.1
51	37.4	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: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

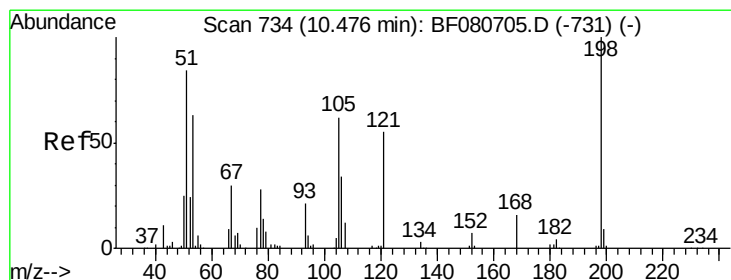
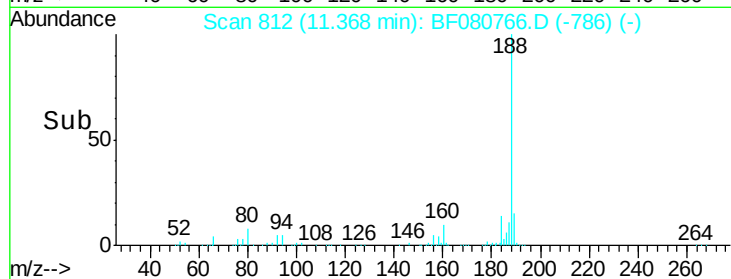
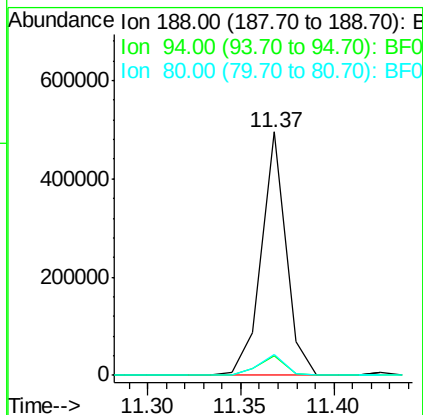
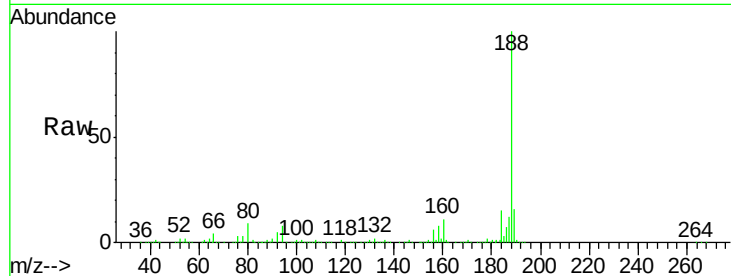
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

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8/3/2015 3:40:57 PM

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		452411		
94	8.2	8.1	12.1		
80	8.8	9.1	13.7#		



#64

4,6-Dinitro-2-methylphenol

Concen: 46.00 ng

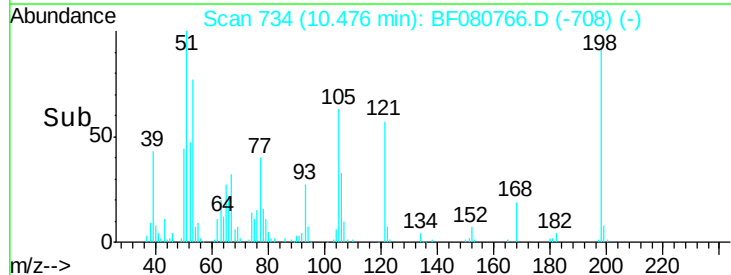
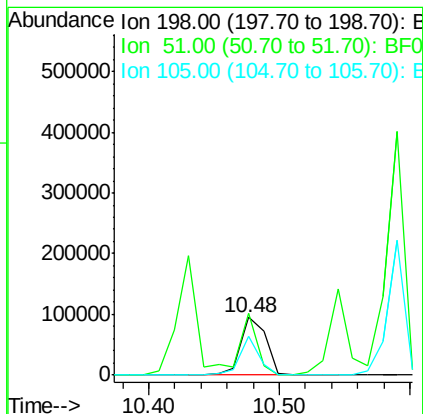
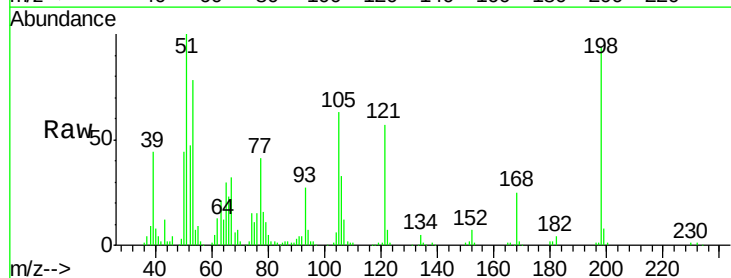
RT: 10.48 min Scan# 734

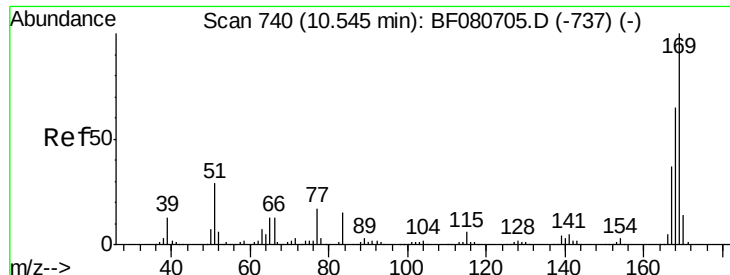
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		125338		
51	106.9	84.6	124.6		
105	66.9	43.0	83.0		





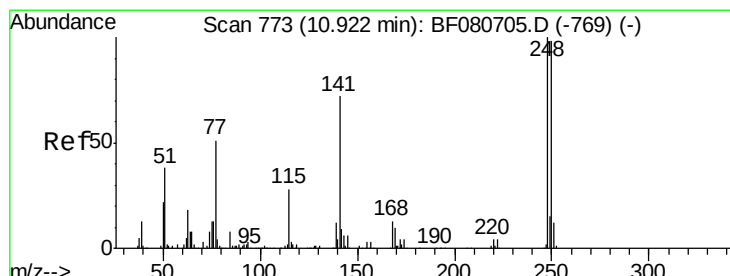
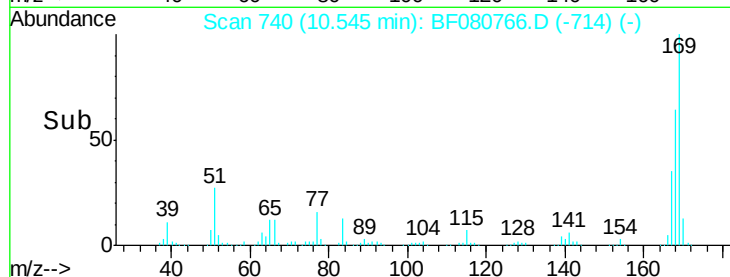
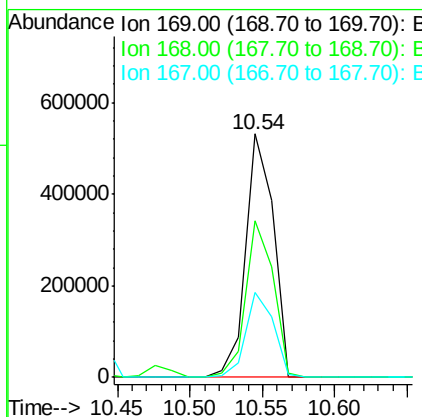
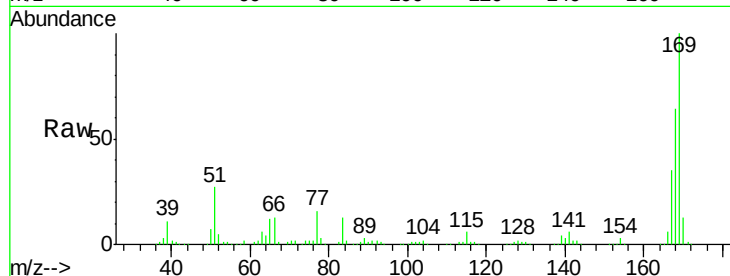
#65
 n-Nitrosodiphenylamine
 Concen: 47.27 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	701144		
168	64.1	52.1	78.1	
167	35.0	29.3	43.9	

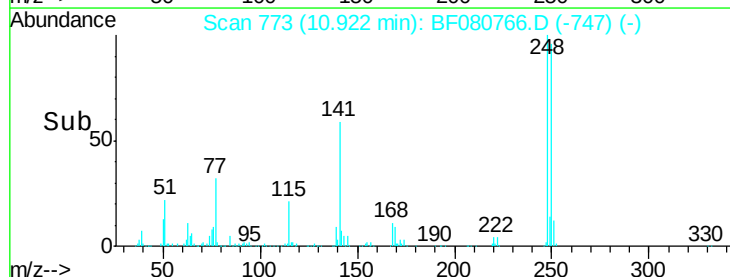
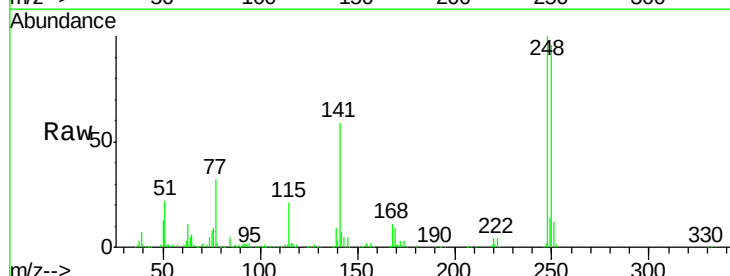
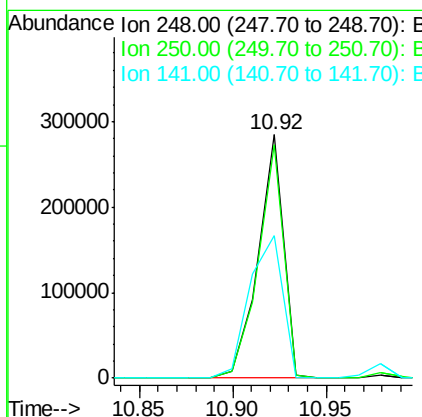
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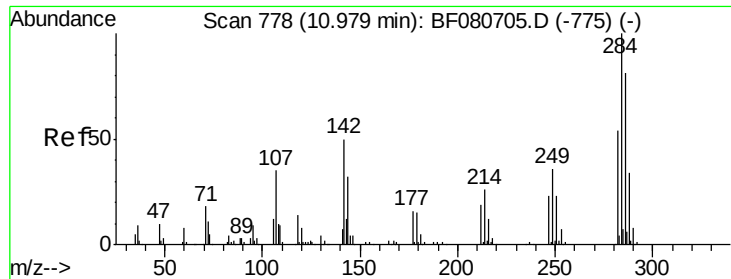
MMDadoda
 8/3/2015 3:40:57 PM



#66
 4-Bromophenyl-phenylether
 Concen: 57.06 ng
 RT: 10.92 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	266494		
250	96.1	78.4	117.6	
141	58.5	57.5	86.3	





#67

Hexachlorobenzene

Concen: 49.02 ng

RT: 10.98 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF080766.D

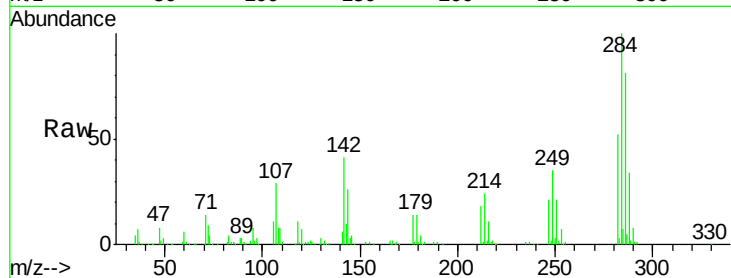
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

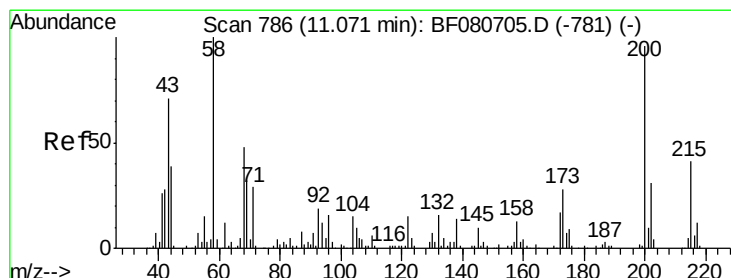
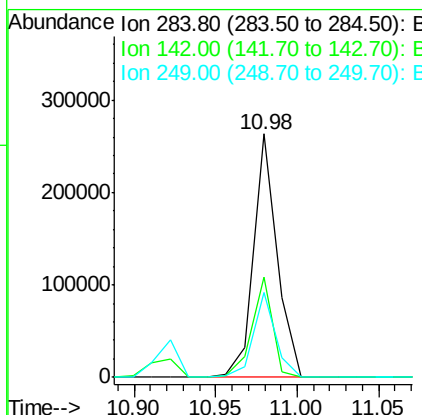
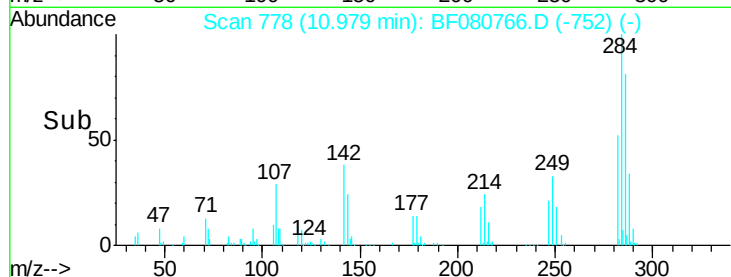
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	264705		
142	41.1	39.8	59.6	
249	34.9	28.7	43.1	

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#68

Atrazine

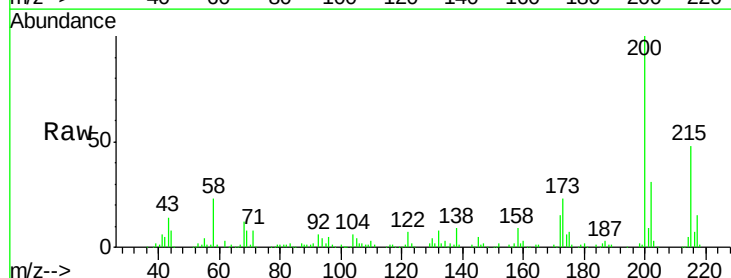
Concen: 67.62 ng

RT: 11.08 min Scan# 787

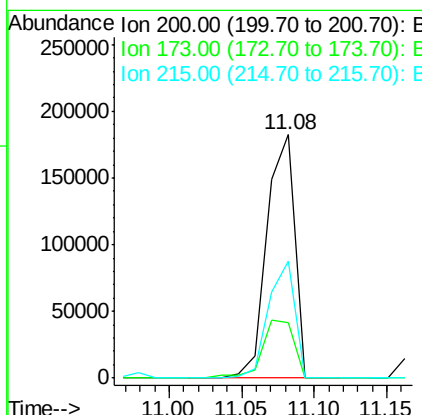
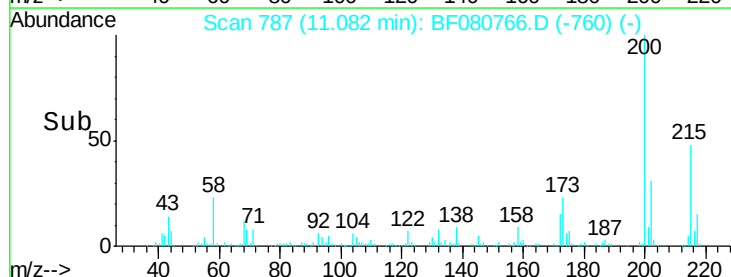
Delta R.T. 0.01 min

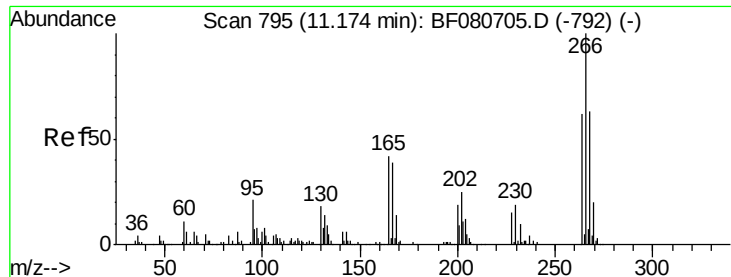
Lab File: BF080766.D

Acq: 1 Aug 2015 7:41



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	241981		
173	22.7	8.6	48.6	
215	48.1	22.2	62.2	





#69

Pentachlorophenol

Concen: 99.33 ng

RT: 11.17 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF080766.D

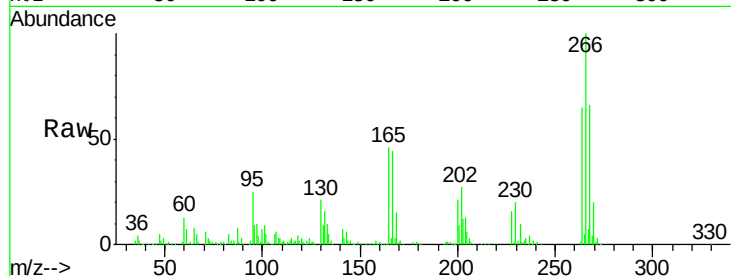
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

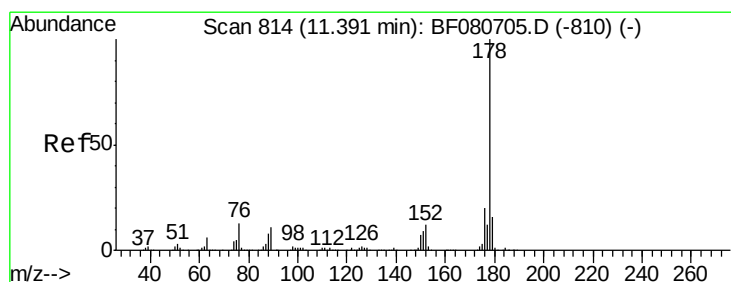
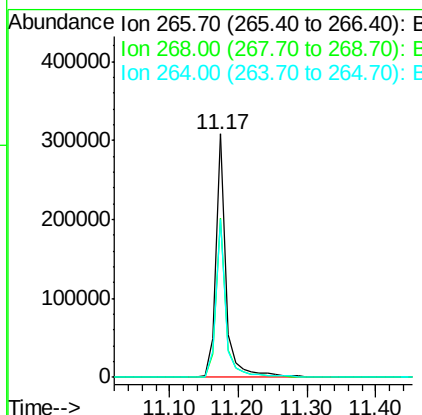
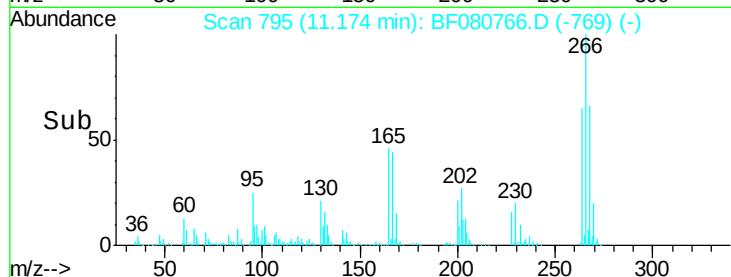
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	50.5	75.7
264	64.7	50.0	75.0

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#70

Phenanthrene

Concen: 46.12 ng

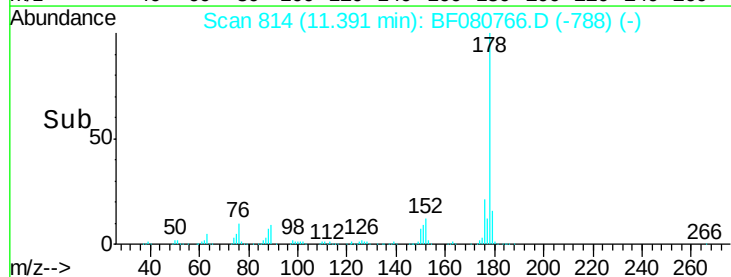
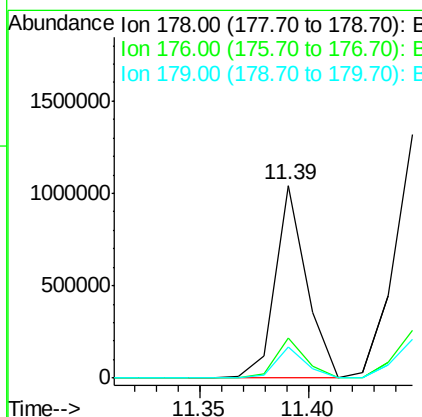
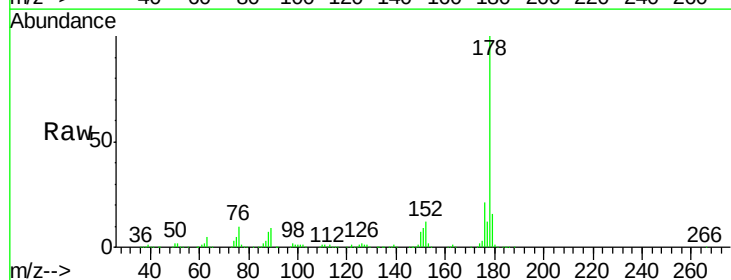
RT: 11.39 min Scan# 814

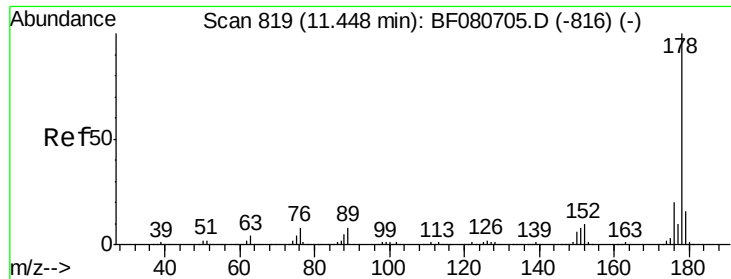
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

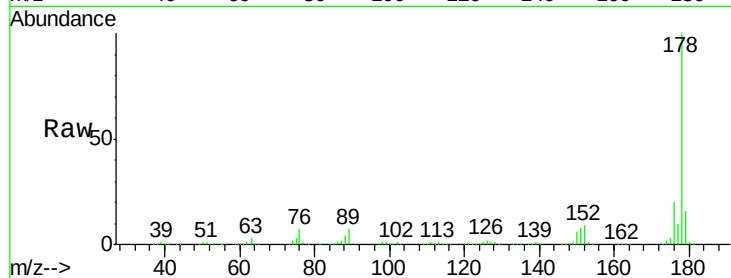
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.2	24.4
179	16.4	13.0	19.4





#71
 Anthracene
 Concen: 55.60 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

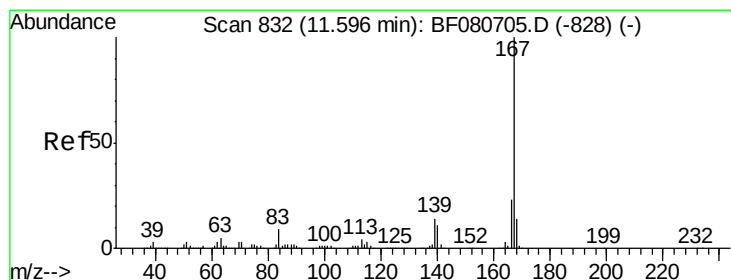
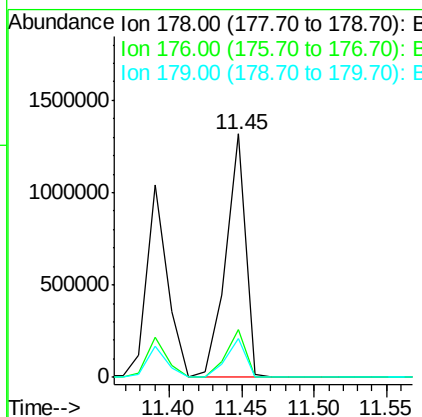
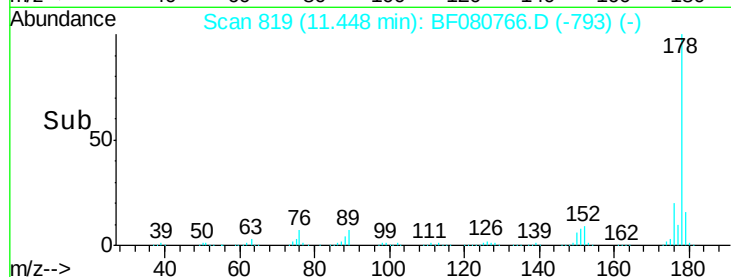
Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.7	12.7	19.1

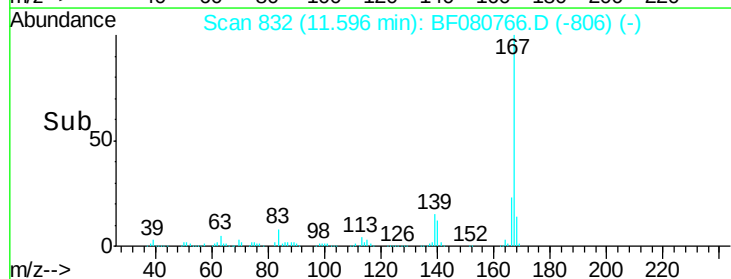
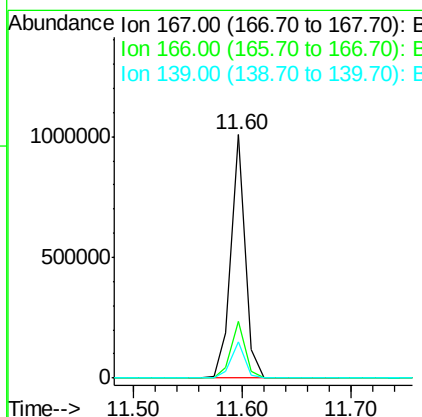
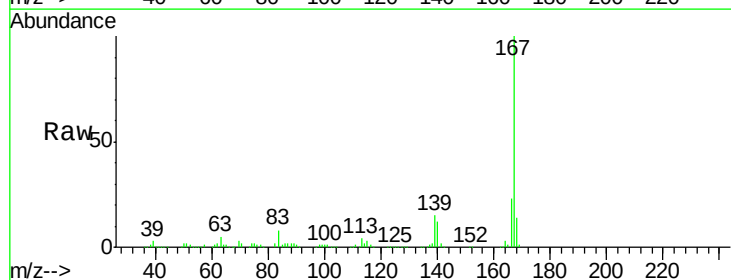
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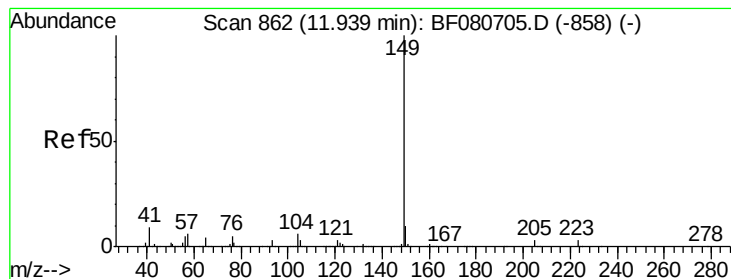
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 8/3/2015 3:40:57 PM



#72
 Carbazole
 Concen: 47.11 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	14.7	11.5	17.3





#73

Di-n-butylphthalate

Concen: 55.76 ng

RT: 11.94 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

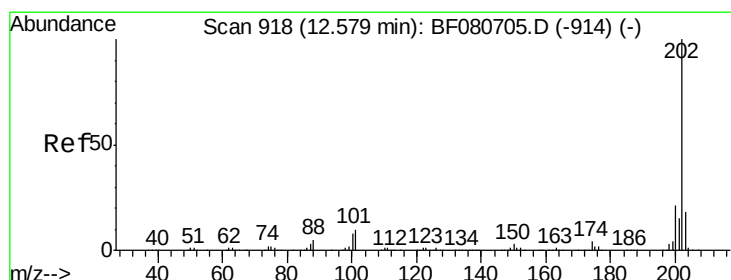
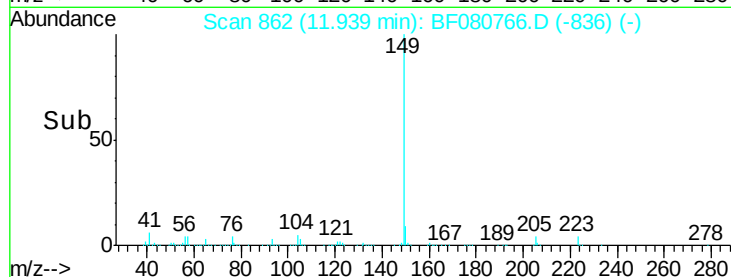
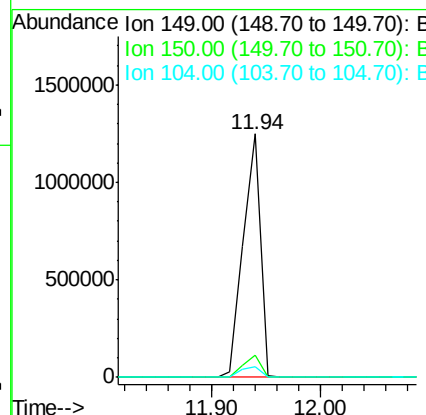
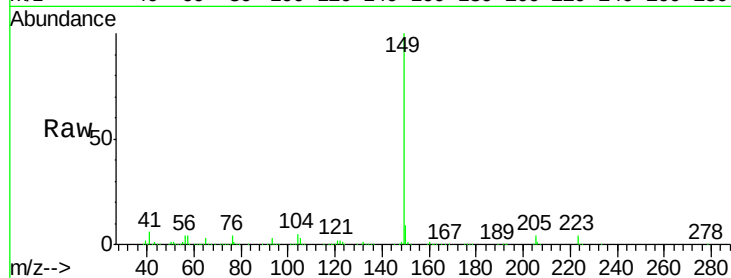
ClientSampleId :

NCQ-077CS-2(0-6FTBGS)MSD

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8/3/2015 3:40:57 PM

Tgt Ion:	149	Resp:	1344104
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.6	11.4
104	4.6	4.4	6.6



#74

Fluoranthene

Concen: 51.86 ng

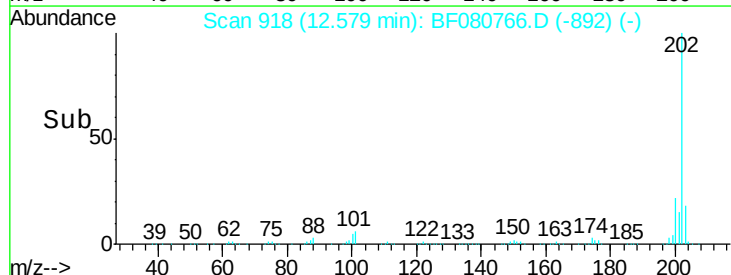
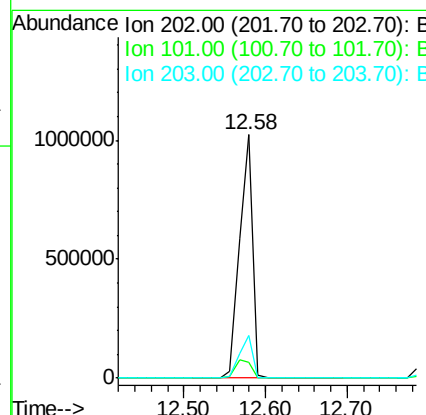
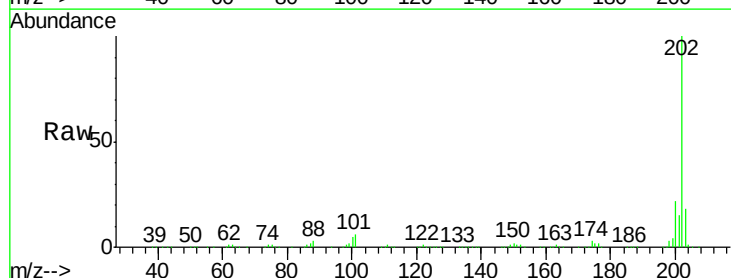
RT: 12.58 min Scan# 918

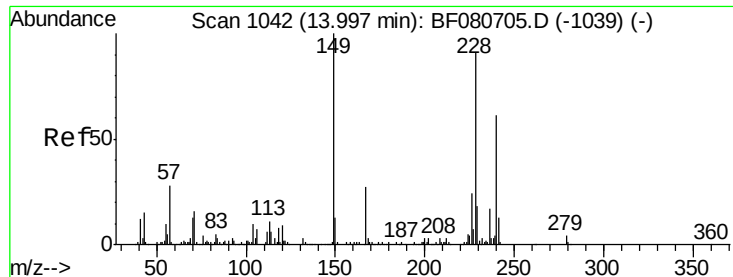
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion:	202	Resp:	1142830
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	29.6
203	17.7	0.0	37.8





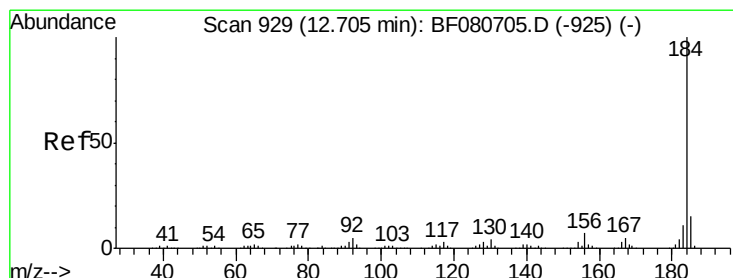
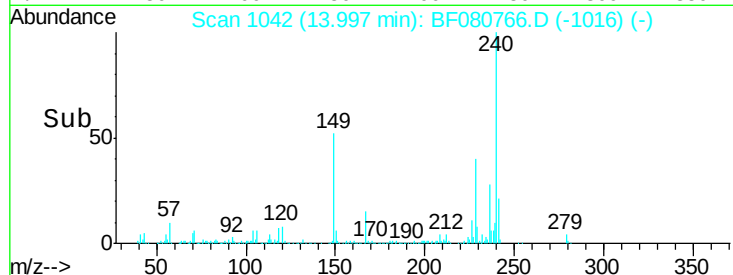
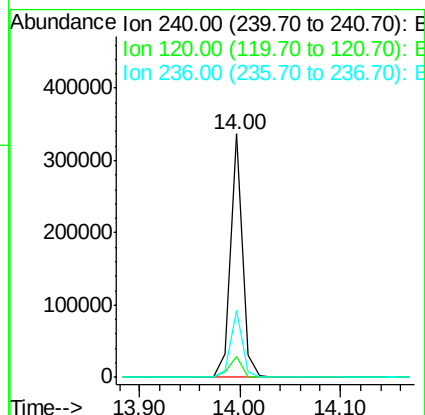
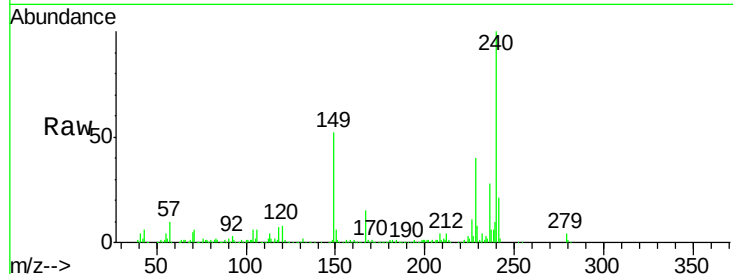
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	277073		
120	8.4	11.8	17.8#	
236	27.6	21.8	32.8	

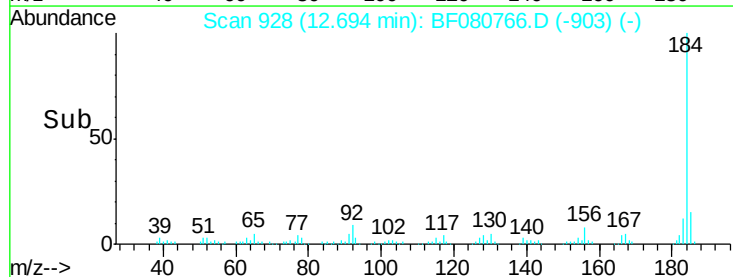
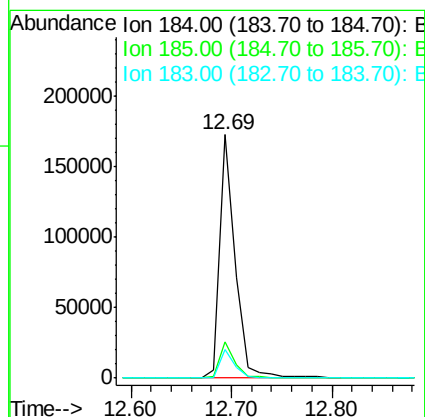
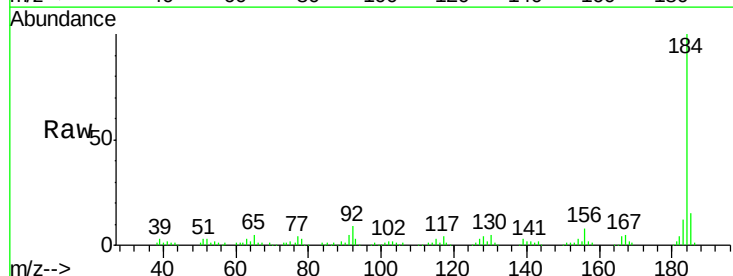
Manual Integrations
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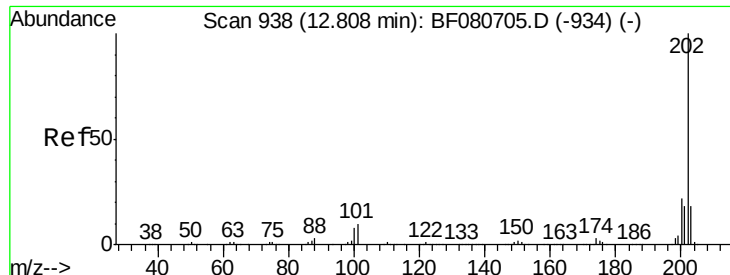
MMDadoda
8/3/2015 3:40:57 PM



#76
Benzidine
Concen: 18.33 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	184941		
185	14.9	12.0	18.0	
183	11.6	9.1	13.7	





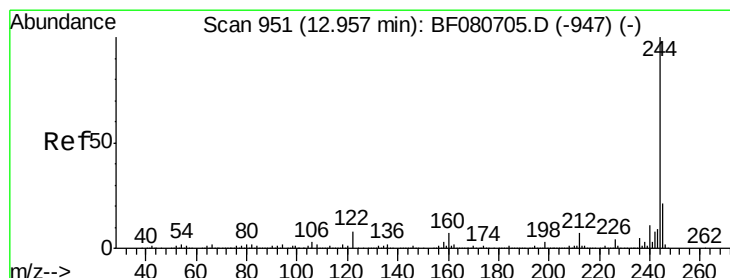
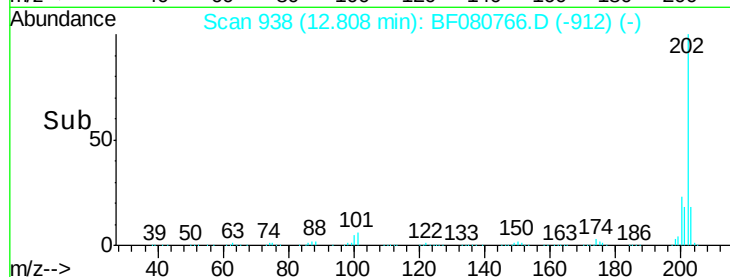
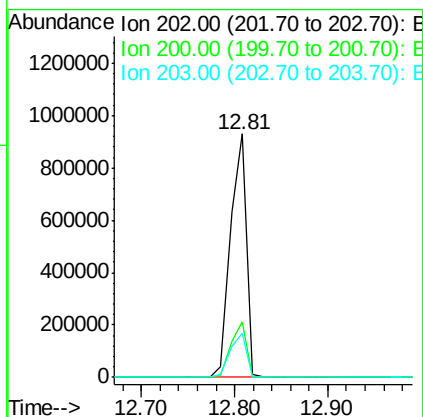
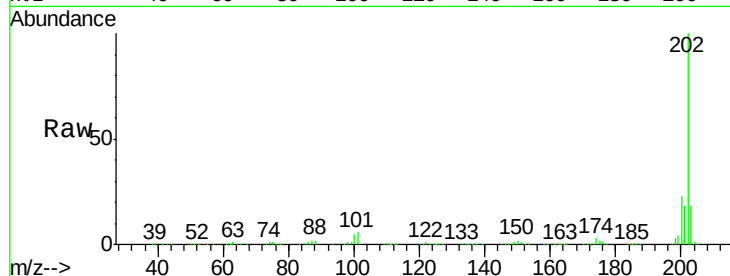
#77
Pyrene
 Concen: 51.68 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.4	26.2
203	17.9	14.2	21.2

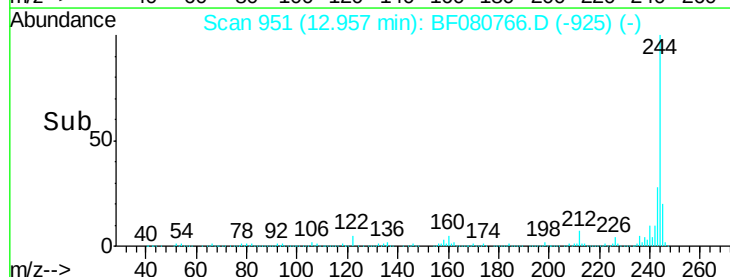
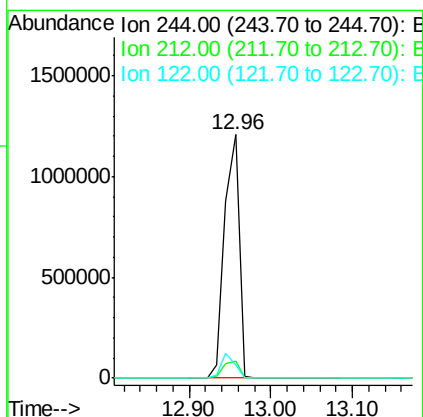
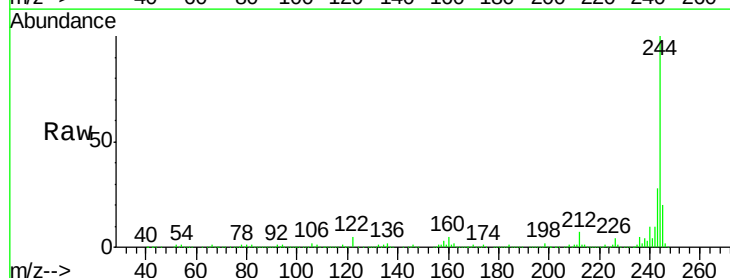
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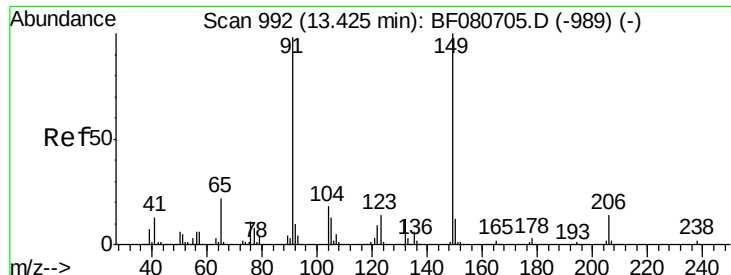
MMDadoda
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#78
Terphenyl-d14
 Concen: 101.70 ng
 RT: 12.96 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	5.2	6.6	9.8





#79

Butylbenzylphthalate

Concen: 48.55 ng

RT: 13.43 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF080766.D

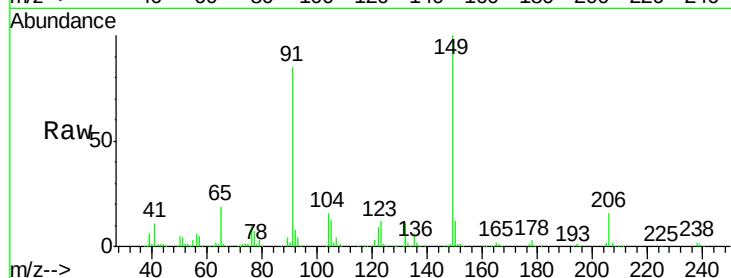
Acq: 1 Aug 2015 7:41

Instrument :

BNA_F

ClientSampleId :

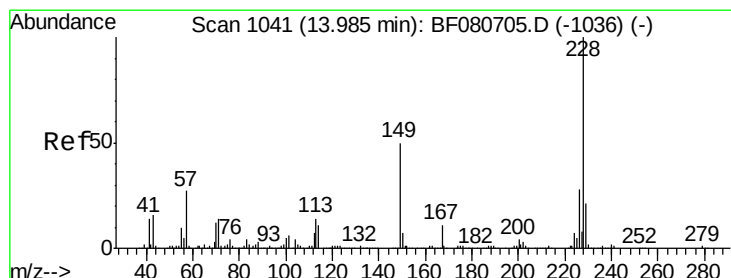
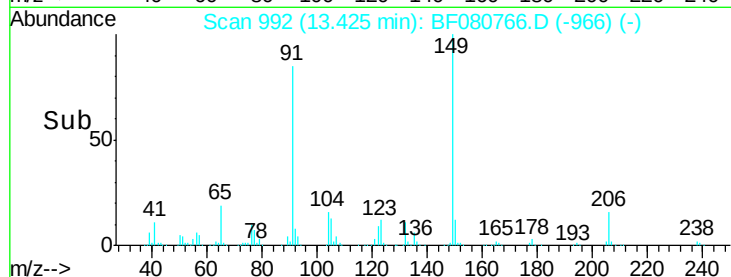
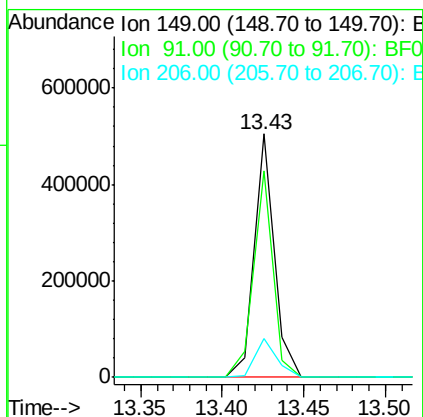
NCQ-077CS-2(0-6FTBGS)MSD



Tgt Ion:	149	Resp:	434026
Ion Ratio	Lower	Upper	
149	100		
91	84.9	78.6	118.0
206	16.1	11.4	17.2

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#80

Benzo(a)anthracene

Concen: 47.09 ng

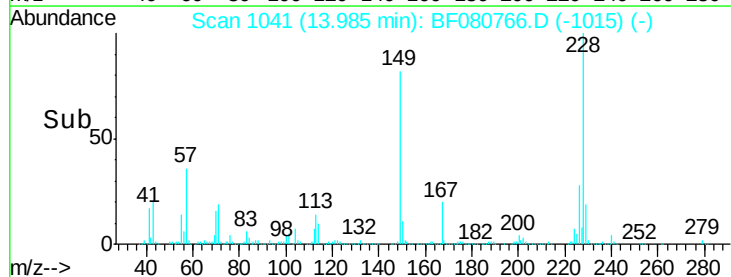
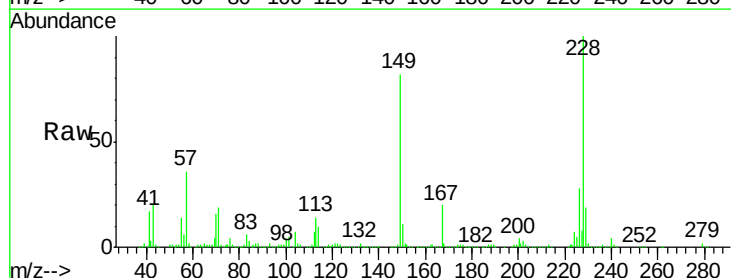
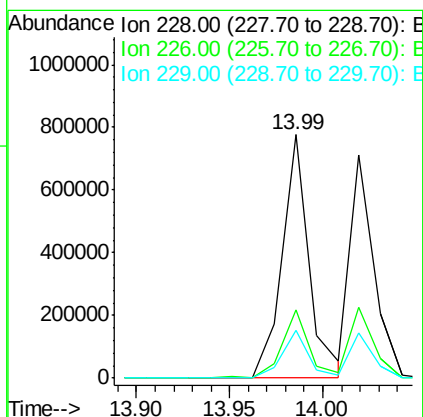
RT: 13.99 min Scan# 1041

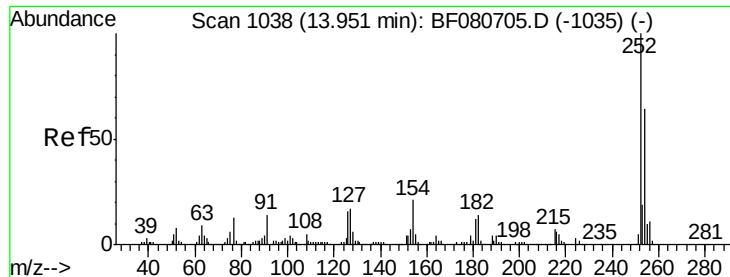
Delta R.T. 0.00 min

Lab File: BF080766.D

Acq: 1 Aug 2015 7:41

Tgt Ion:	228	Resp:	784651
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.6	33.8
229	19.5	16.6	25.0





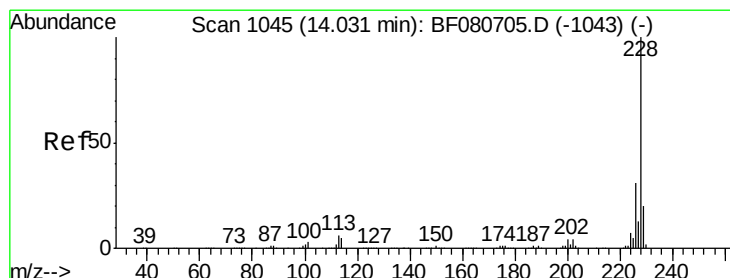
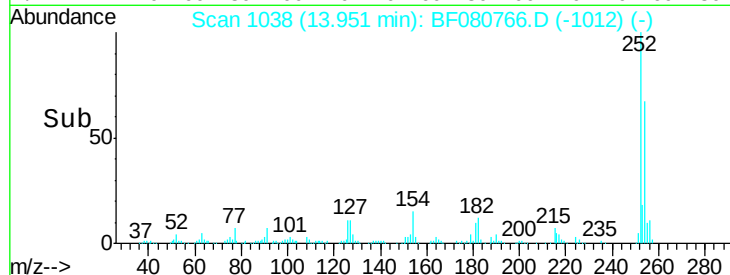
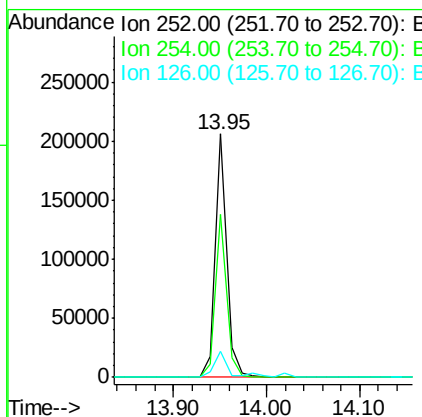
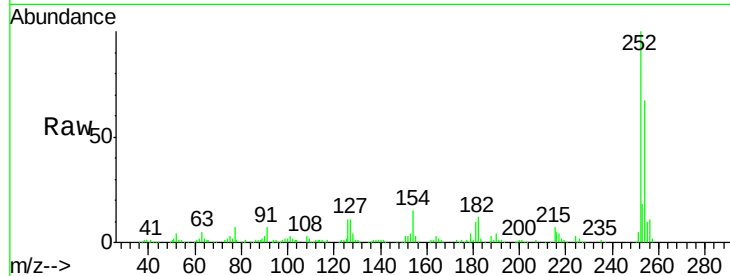
#81
 3,3'-Dichlorobenzidine
 Concen: 30.89 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	67.2	51.0	76.4
126	10.8	13.2	19.8

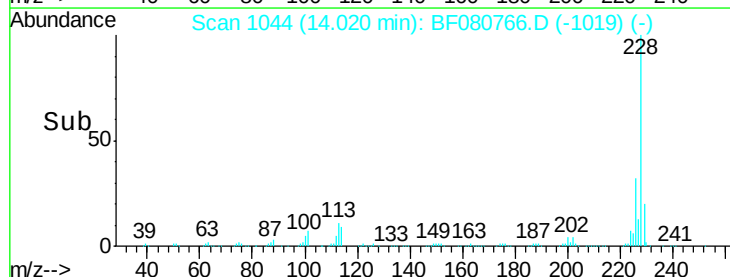
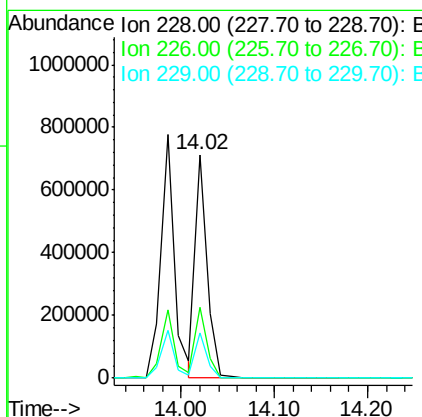
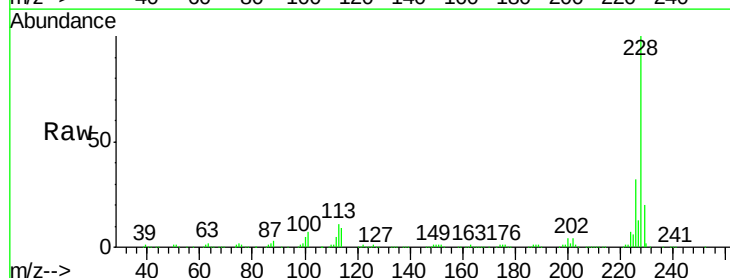
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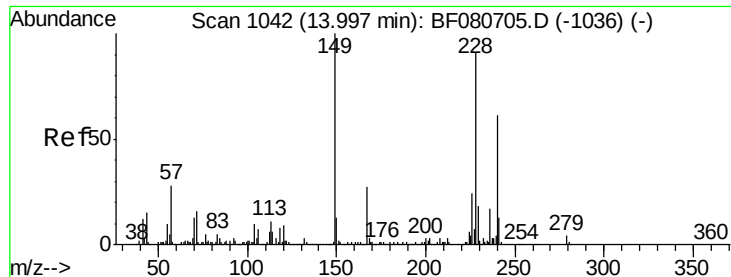
MMDadoda
 8/3/2015 3:40:57 PM



#82
 Chrysene
 Concen: 39.96 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.1	37.7
229	20.3	15.8	23.8





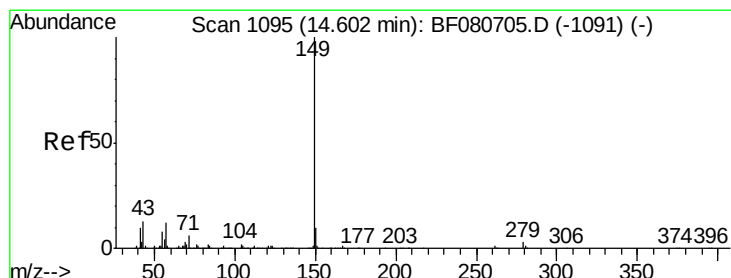
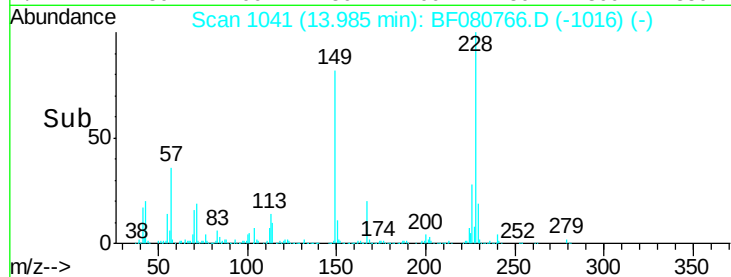
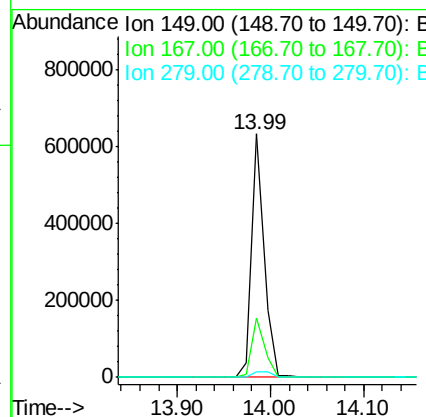
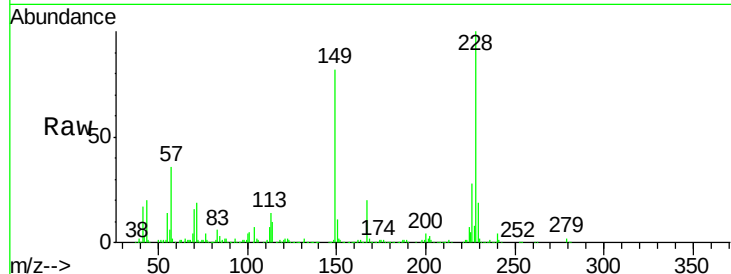
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 54.79 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.5	21.8	32.8
279	2.1	3.4	5.0

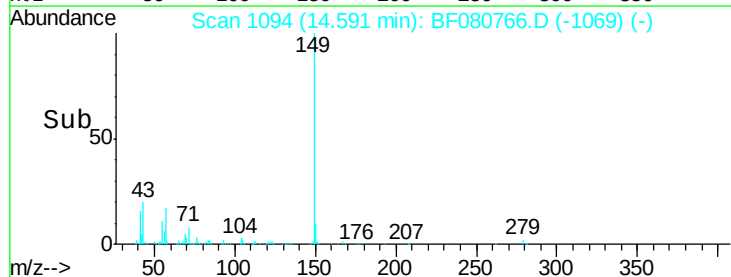
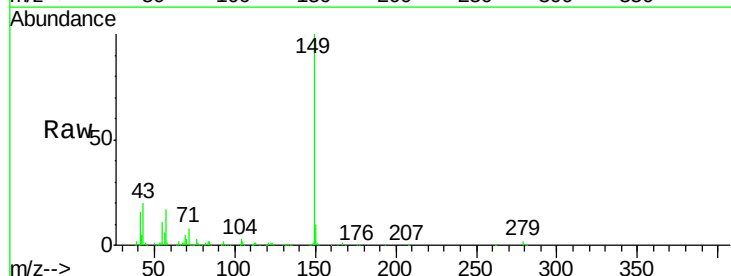
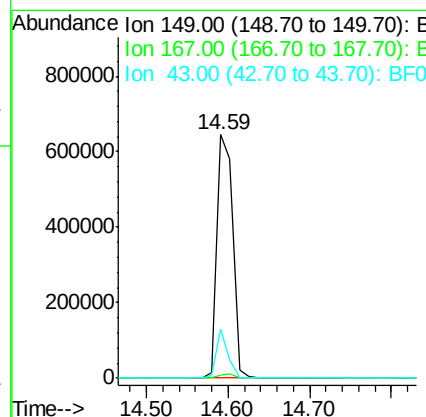
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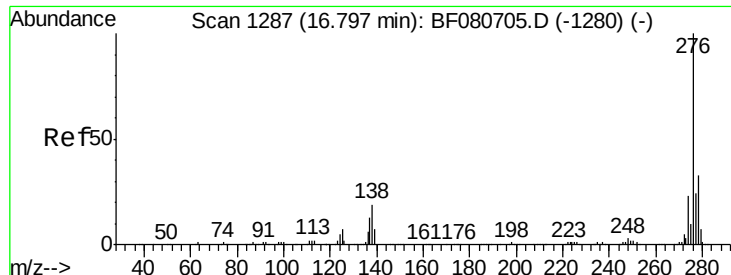
MMDadoda
 8/3/2015 3:40:57 PM



#84
 Di-n-octyl phthalate
 Concen: 48.66 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	14.9	12.2	18.4





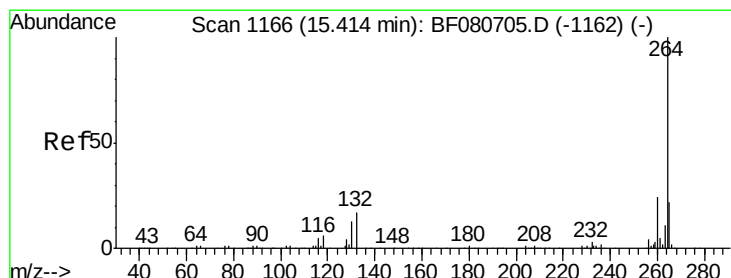
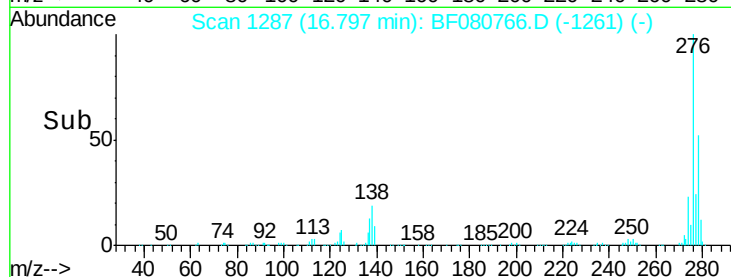
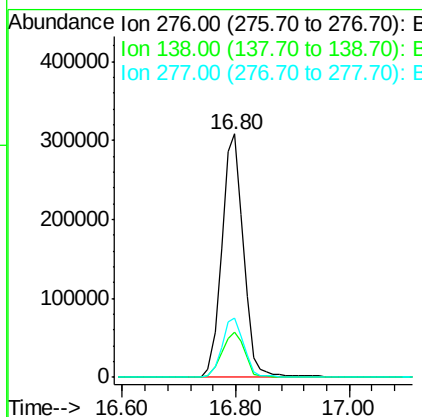
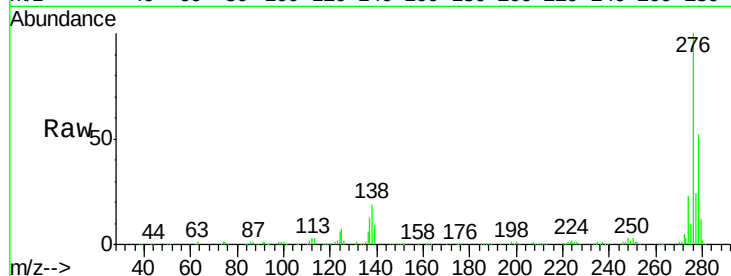
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.85 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	824278		
138	19.8	13.2	19.8	
277	24.8	15.4	23.2	

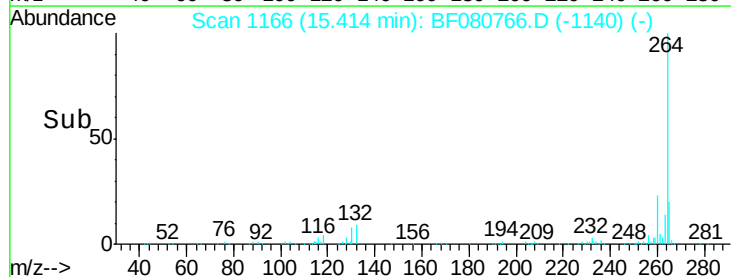
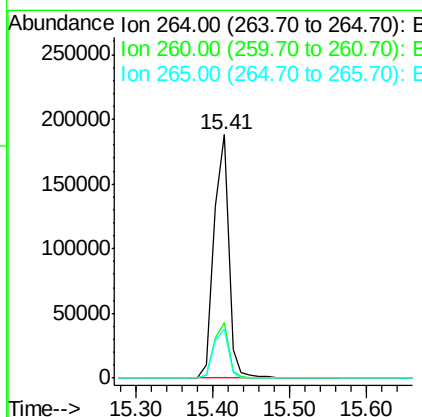
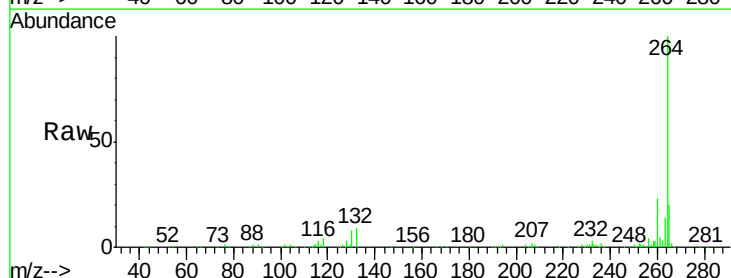
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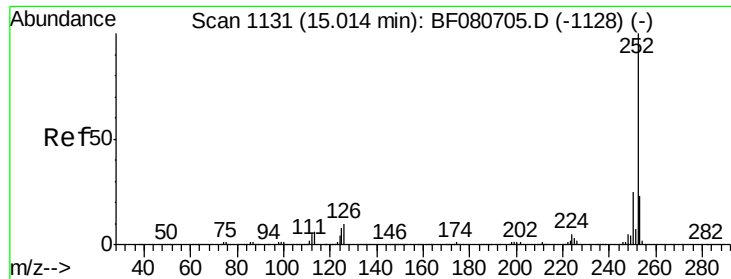
MMDadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	249905		
260	22.8	19.4	29.0	
265	20.2	17.3	25.9	





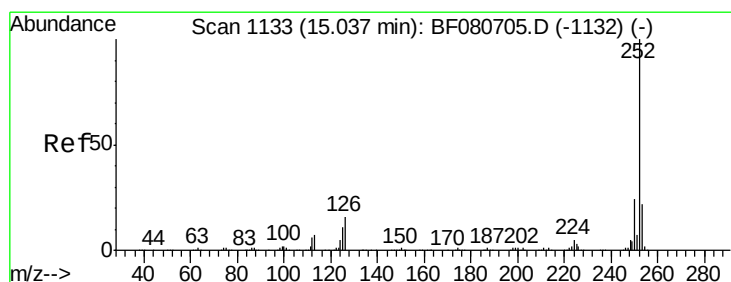
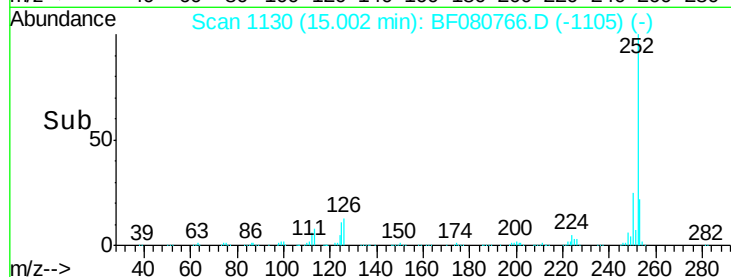
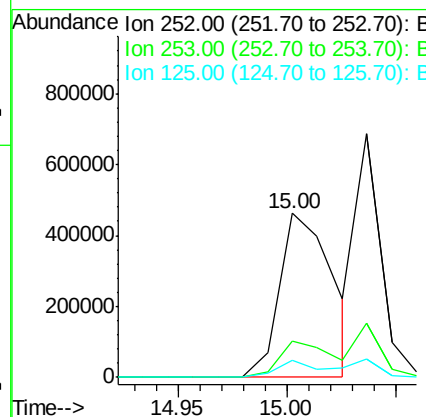
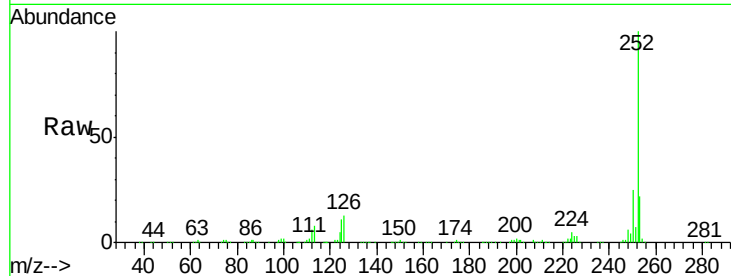
#87
Benzo(b)fluoranthene
Concen: 52.92 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	18.1	27.1
125	10.6	6.2	9.2#

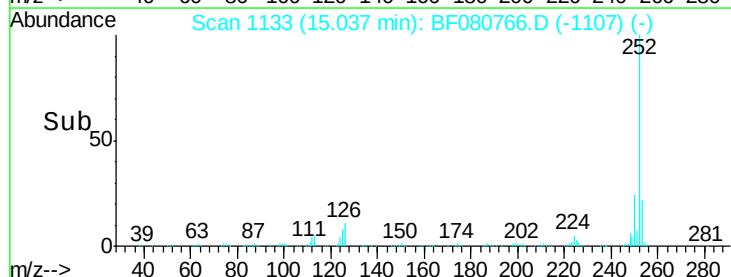
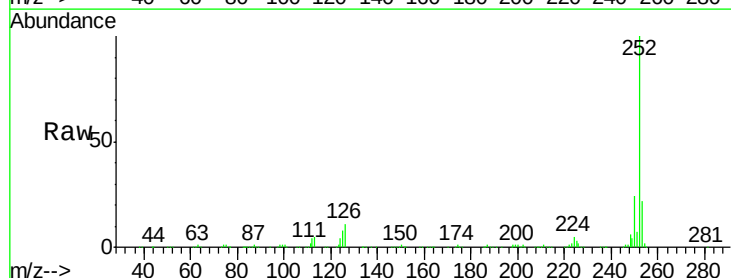
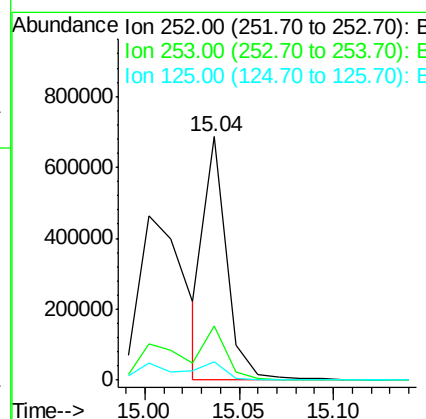
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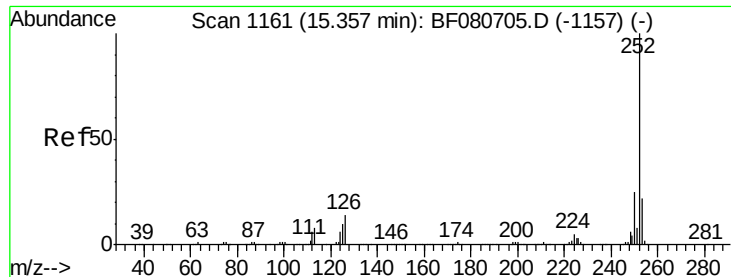
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 45.62 ng m
RT: 15.04 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.5	9.0	13.4#





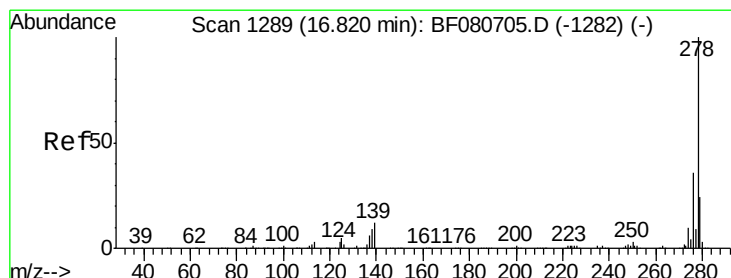
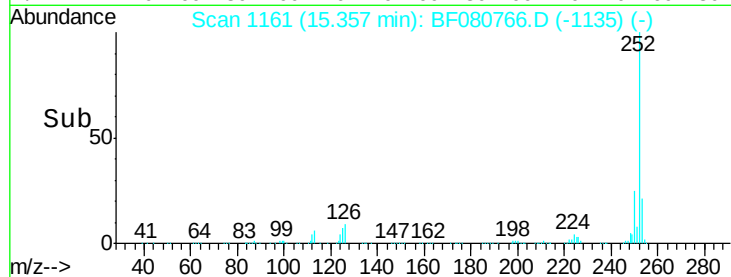
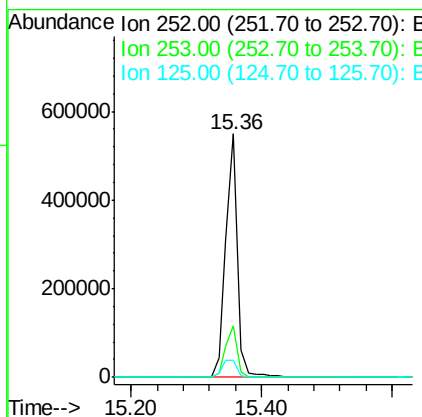
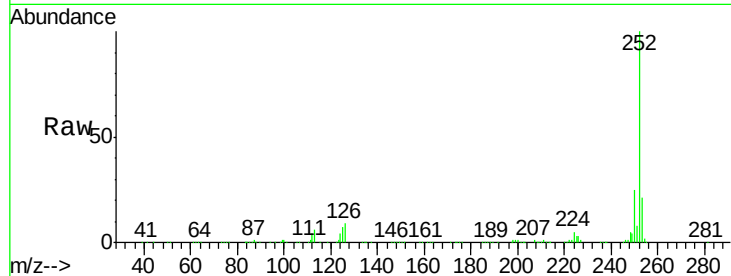
#89
Benzo(a)pyrene
Concen: 56.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Instrument :
BNA_F
ClientSampleId :
NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	686279		
253	21.2		17.2	25.8
125	7.1		8.2	12.4

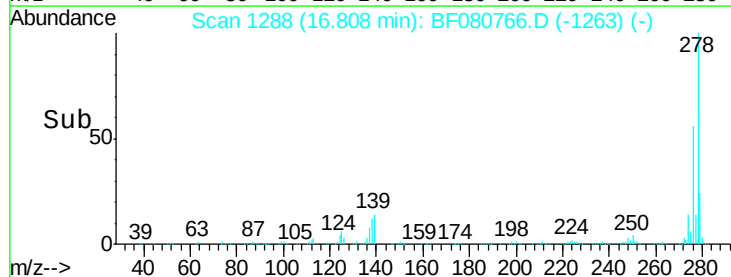
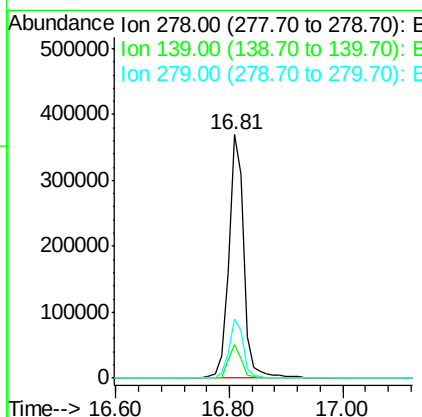
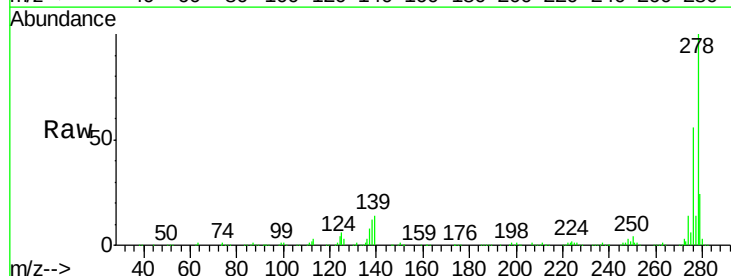
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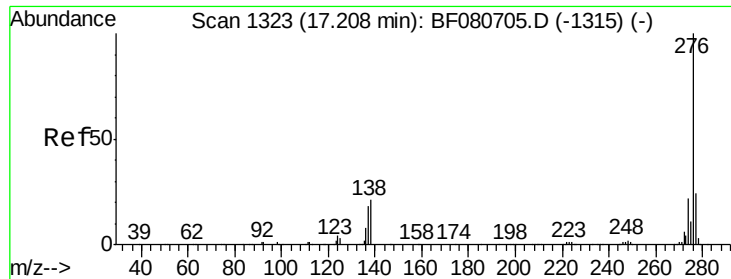
MMDadoda
8/3/2015 3:40:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 62.49 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080766.D
Acq: 1 Aug 2015 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	685545		
139	13.8		9.8	14.8
279	24.2		19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 63.28 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF080766.D
 Acq: 1 Aug 2015 7:41

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-077CS-2(0-6FTBGS)MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	17.5	16.9	25.3

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