

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080749.D
 Acq On : 31 Jul 2015 22:58
 Operator : TP/UM
 Sample : G3125-17MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:53 AM

Quant Time: Aug 03 14:12:27 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	139627	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	481423	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	236031	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	421534	20.00	ng	0.00
75) Chrysene-d12	14.00	240	269942	20.00	ng	0.00
86) Perylene-d12	15.41	264	250277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1173922	144.23	ng	0.02
7) Phenol-d6	6.49	99	1410371	127.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	1017735	102.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	350874	143.26	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1537073	97.15	ng	0.00
78) Terphenyl-d14	12.96	244	1132042	79.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	159624	39.77	ng	99
3) Pyridine	3.29	79	349313	31.37	ng	99
4) n-Nitrosodimethylamine	3.23	42	299706	47.08	ng	98
6) Aniline	6.52	93	433233	27.16	ng	97
8) 2-Chlorophenol	6.64	128	391806	42.95	ng	94
9) Benzaldehyde	6.40	77	107798	13.58	ng	88
10) Phenol	6.50	94	525745	41.00	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	402528	43.94	ng	98
12) 1,3-Dichlorobenzene	6.80	146	462680	45.56	ng	98
13) 1,4-Dichlorobenzene	6.88	146	463473	44.73	ng	97
14) 1,2-Dichlorobenzene	7.02	146	431734	45.59	ng	97
15) Benzyl Alcohol	7.00	79	408668	44.41	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	937545	47.90	ng	98
17) 2-Methylphenol	7.10	107	355377	47.46	ng	98
18) Hexachloroethane	7.37	117	166208	42.98	ng	91
19) n-Nitroso-di-n-propylamine	7.28	70	360774	48.35	ng	# 95
20) 3+4-Methylphenols	7.26	107	445367	48.20	ng	93
22) Acetophenone	7.26	105	579756	49.89	ng	# 92
24) Nitrobenzene	7.44	77	513096	51.52	ng	97
25) Isophorone	7.68	82	872861	49.37	ng	98
26) 2-Nitrophenol	7.76	139	213582	52.83	ng	88
27) 2,4-Dimethylphenol	7.79	122	394668	51.96	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	578599	55.24	ng	99
29) 2,4-Dichlorophenol	8.00	162	357910	53.01	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	350276	47.58	ng	99
31) Naphthalene	8.16	128	1102333	45.87	ng	99
32) Benzoic acid	7.87	122	79295	15.11	ng	97
33) 4-Chloroaniline	8.20	127	206861	20.40	ng	# 89
34) Hexachlorobutadiene	8.28	225	238146	50.10	ng	98
35) Caprolactam	8.57	113	95940	47.46	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	407486	55.98	ng	89
37) 2-Methylnaphthalene	8.85	142	777371	51.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	320416	43.23	ng	98
40) Hexachlorocyclopentadiene	9.00	237	357196	78.33	ng	96

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 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)
42) 2,4,6-Trichlorophenol	9.13	196	281203	54.53	ng	99
43) 2,4,5-Trichlorophenol	9.16	196	230241	45.02	ng	93
45) 1,1'-Biphenyl	9.31	154	802853	44.36	ng	95
46) 2-Chloronaphthalene	9.33	162	664106	44.93	ng	# 90
47) 2-Nitroaniline	9.42	65	295438	51.37	ng	# 70
48) Acenaphthylene	9.76	152	1162148	49.44	ng	99
49) Dimethylphthalate	9.62	163	1132575	68.09	ng	99
50) 2,6-Dinitrotoluene	9.68	165	185495	52.55	ng	98
51) Acenaphthene	9.93	154	717272	50.02	ng	99
52) 3-Nitroaniline	9.84	138	115044	28.24	ng	# 48
53) 2,4-Dinitrophenol	9.94	184	100634	53.53	ng	98
54) Dibenzofuran	10.10	168	957287	49.91	ng	95
55) 4-Nitrophenol	10.00	139	244131	81.35	ng	# 51
56) 2,4-Dinitrotoluene	10.08	165	249423	53.88	ng	97
57) Fluorene	10.44	166	707580	47.53	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	203366	52.72	ng	99
59) Diethylphthalate	10.32	149	805549	50.24	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	347196	54.27	ng	94
61) 4-Nitroaniline	10.45	138	166215	45.20	ng	95
62) Azobenzene	10.59	77	942550	54.27	ng	99
64) 4,6-Dinitro-2-methylphenol	10.48	198	97817	38.53	ng	96
65) n-Nitrosodiphenylamine	10.54	169	642314	46.48	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	223152	51.28	ng	# 92
67) Hexachlorobenzene	10.98	284	225533	44.83	ng	92
68) Atrazine	11.08	200	217113	65.11	ng	92
69) Pentachlorophenol	11.17	266	270931	88.99	ng	99
70) Phenanthrene	11.39	178	898666	42.32	ng	99
71) Anthracene	11.45	178	1068879	51.22	ng	99
72) Carbazole	11.60	167	825583	45.58	ng	99
73) Di-n-butylphthalate	11.94	149	1108151	49.34	ng	99
74) Fluoranthene	12.58	202	976244	47.55	ng	96
76) Benzidine	12.69	184	264870	26.95	ng	99
77) Pyrene	12.81	202	954385	45.59	ng	100
79) Butylbenzylphthalate	13.42	149	376218	43.38	ng	89
80) Benzo(a)anthracene	13.99	228	665674	41.00	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	202379	36.52	ng	# 97
82) Chrysene	14.02	228	584326	37.08	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	506661	48.61	ng	# 94
84) Di-n-octyl phthalate	14.60	149	802678	45.93	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	727540	50.84	ng	# 88
87) Benzo(b)fluoranthene	15.00	252	685984	45.88	ng	# 98
88) Benzo(k)fluoranthene	15.04	252	467738m	38.02	ng	
89) Benzo(a)pyrene	15.36	252	584618	47.63	ng	# 96
90) Dibenzo(a,h)anthracene	16.81	278	630520	57.39	ng	98
91) Benzo(g,h,i)perylene	17.21	276	608682	56.30	ng	98

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

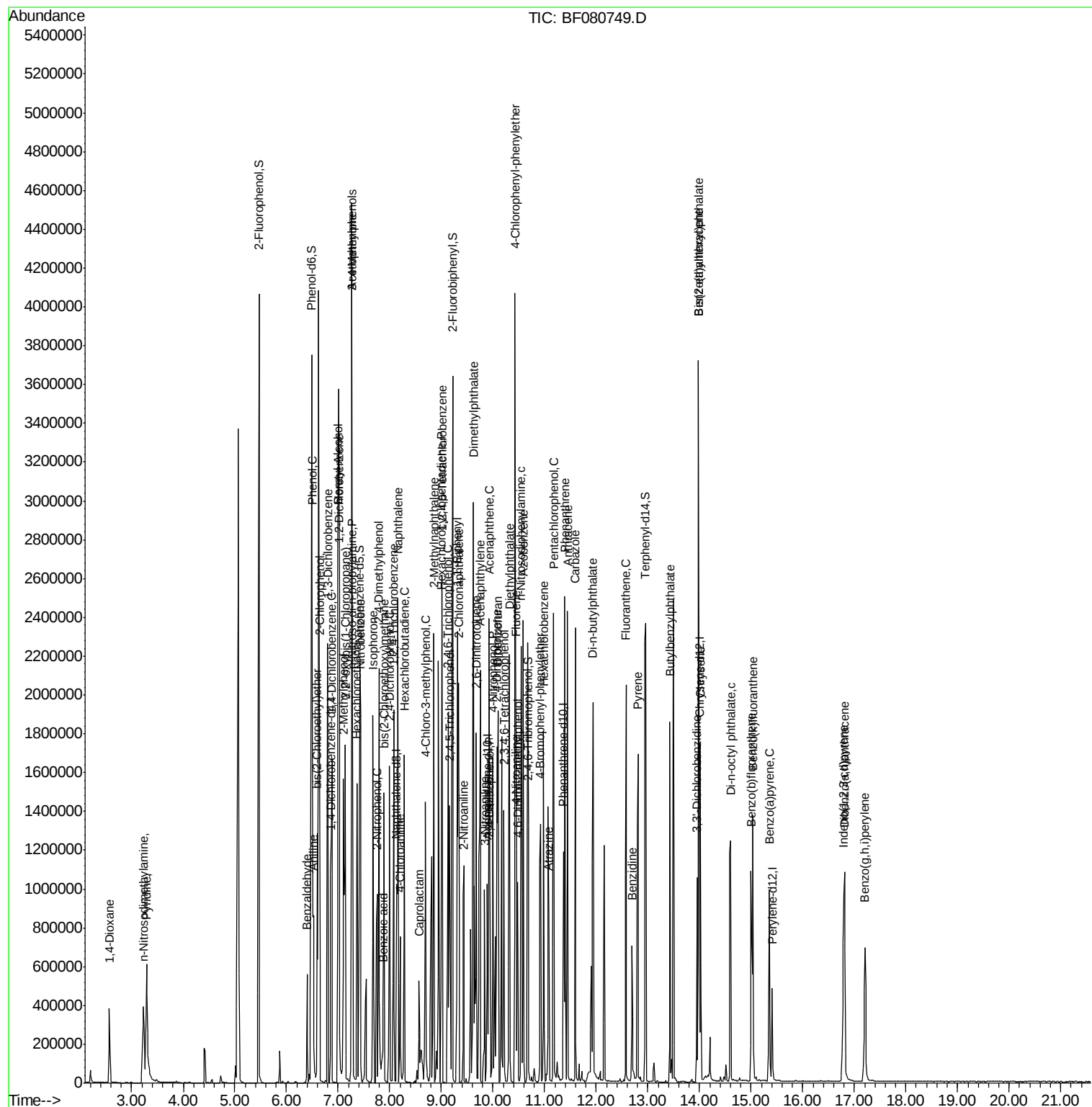
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080749.D
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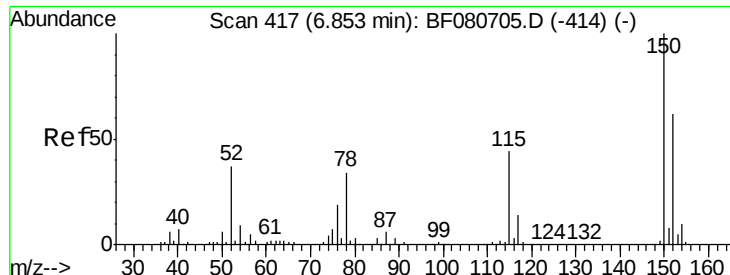
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-2(0-2)MS

Tgt Ion: 152 Resp: 139627
Ion Ratio Lower Upper

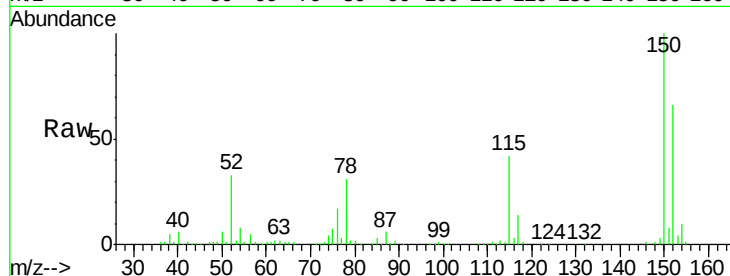
152 100

150 152.6 129.6 194.4

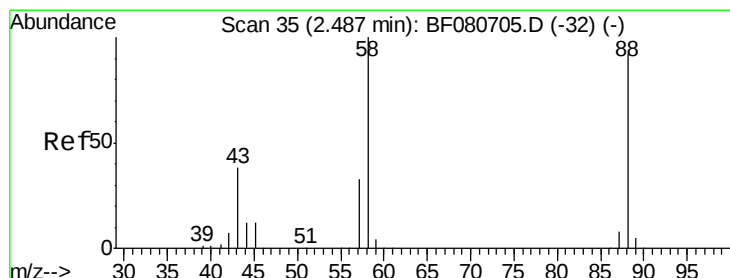
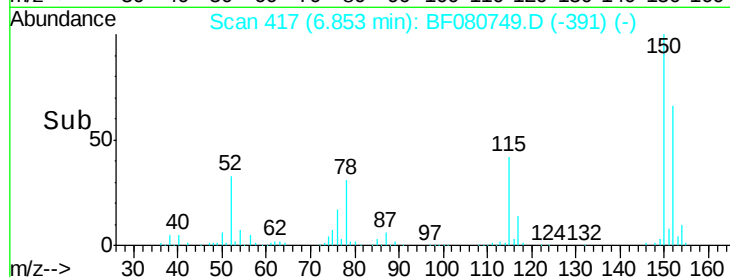
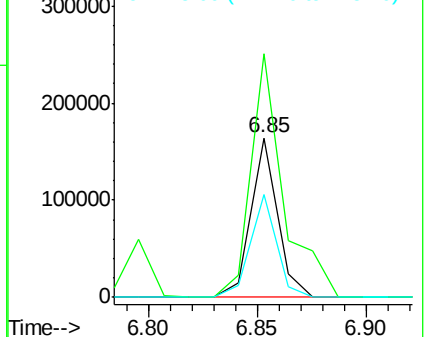
115 64.4 56.6 85.0

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



#2

1,4-Dioxane

Concen: 39.77 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF080749.D

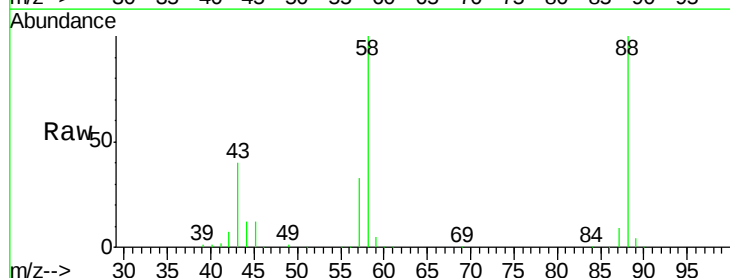
Acq: 31 Jul 2015 22:58

Tgt Ion: 88 Resp: 159624
Ion Ratio Lower Upper

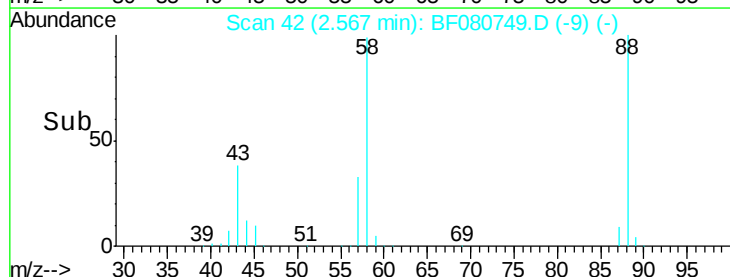
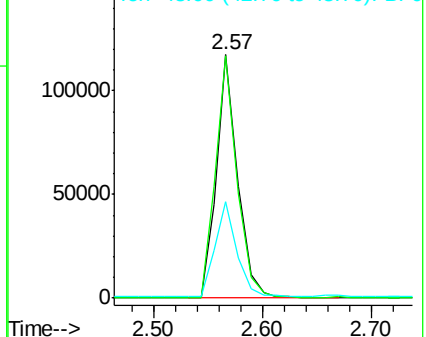
88 100

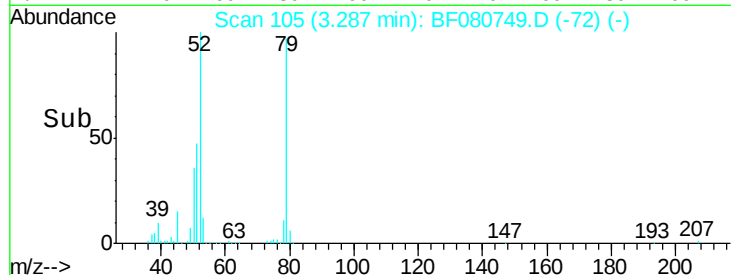
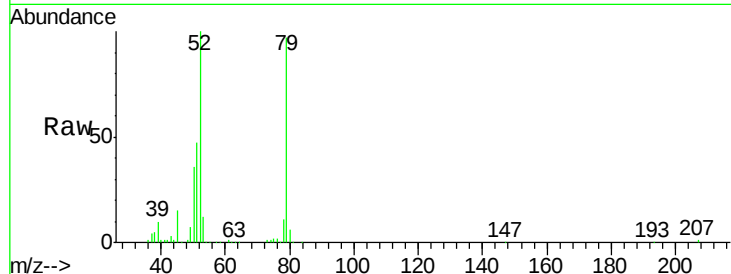
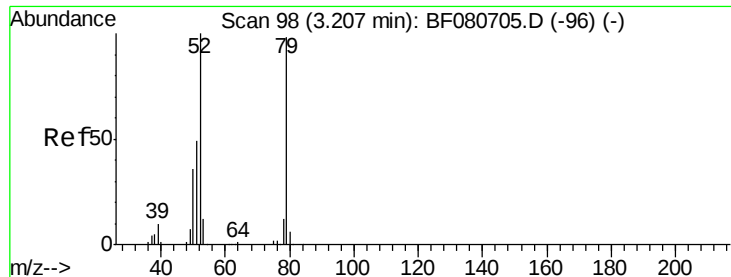
58 101.8 82.3 123.5

43 39.8 31.7 47.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





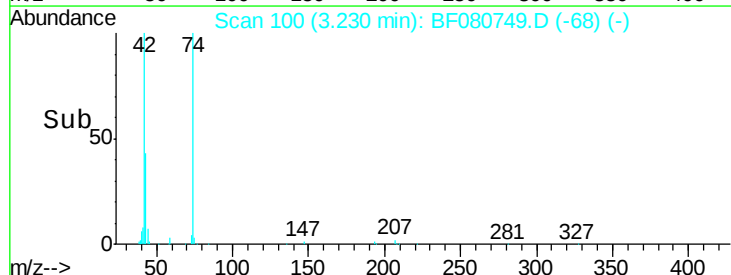
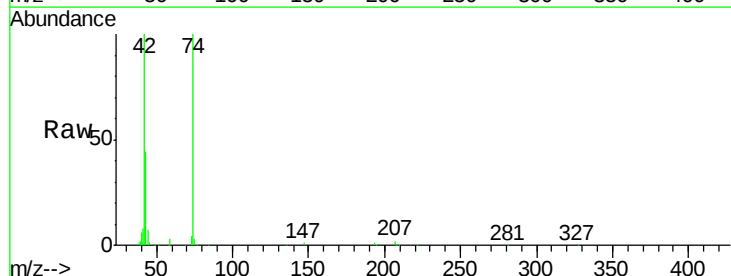
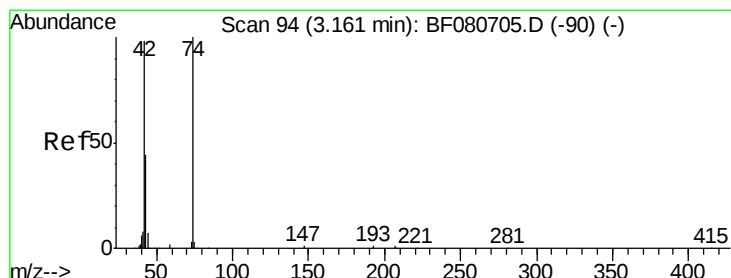
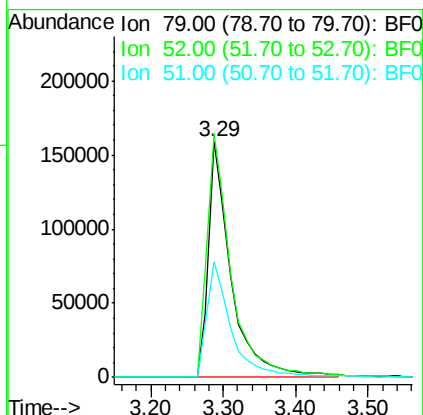
#3
 Pyridine
 Concen: 31.37 ng
 RT: 3.29 min Scan# 105
 Delta R.T. 0.08 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
79	100		
52	103.2	81.6	122.4
51	49.0	40.2	60.2

Instrument :
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 ClientSampleId :
 COFF-3RD-2(0-2)MS

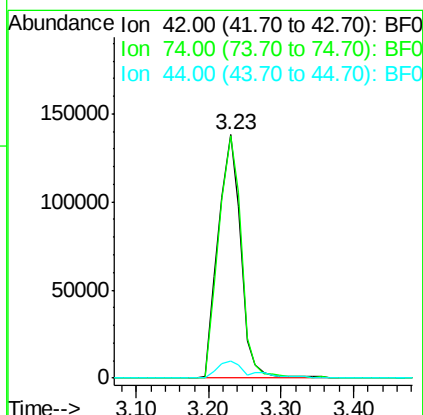
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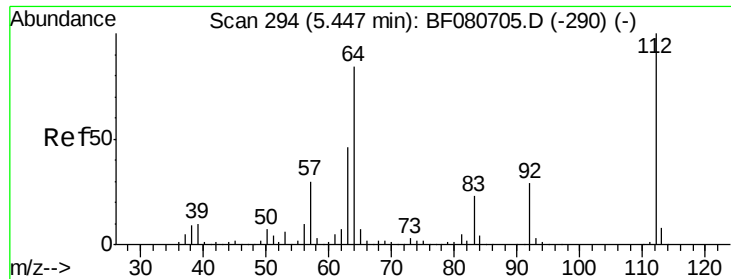
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#4
 n-Nitrosodimethylamine
 Concen: 47.08 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.6	81.5	122.3
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 144.23 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080749.D

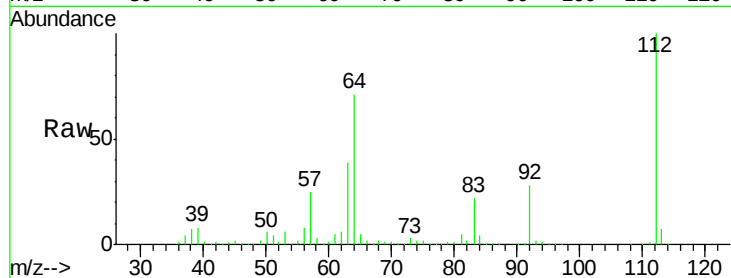
Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

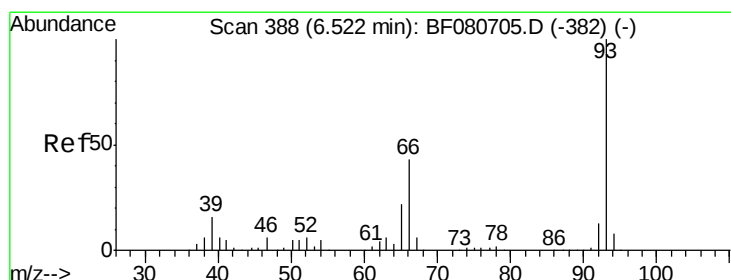
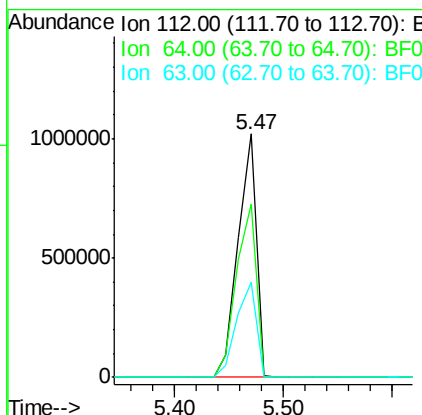
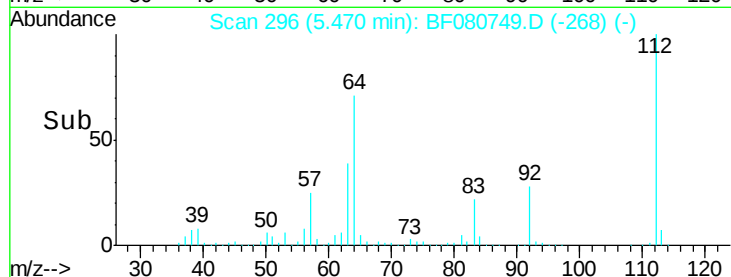
COFF-3RD-2(0-2)MS



Tgt Ion:	112	Resp:	1173922
Ion	Ratio	Lower	Upper
112	100		
64	71.3	66.8	100.2
63	39.2	36.7	55.1

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#6

Aniline

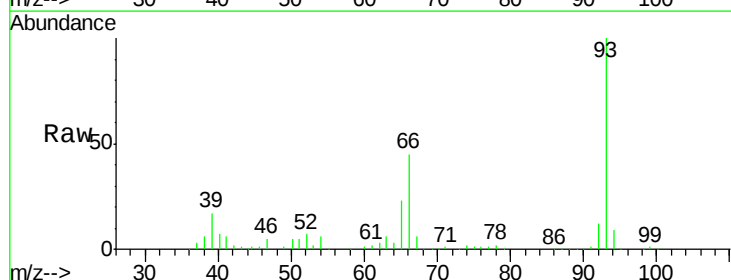
Concen: 27.16 ng

RT: 6.52 min Scan# 388

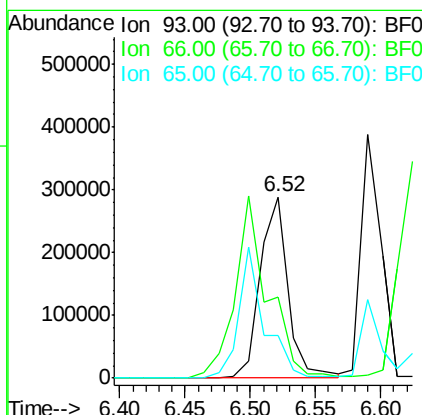
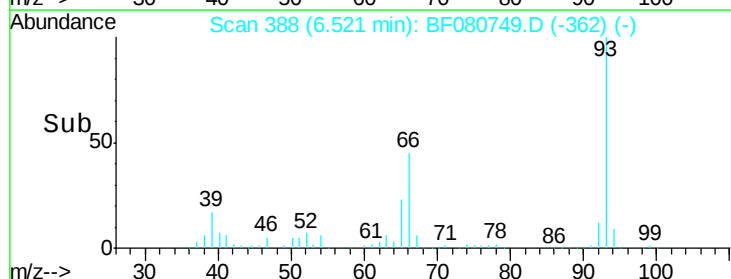
Delta R.T. -0.00 min

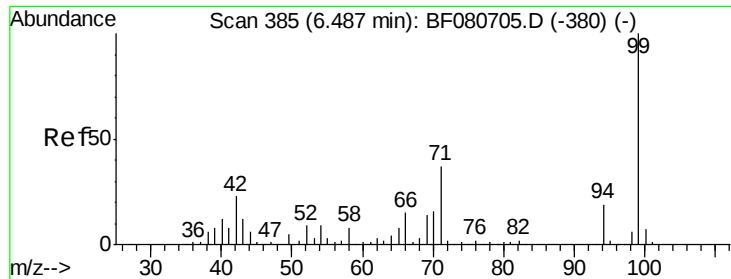
Lab File: BF080749.D

Acq: 31 Jul 2015 22:58



Tgt Ion:	93	Resp:	433233
Ion	Ratio	Lower	Upper
93	100		
66	44.7	34.3	51.5
65	23.5	17.6	26.4





#7

Phenol-d6

Concen: 127.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

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COFF-3RD-2(0-2)MS

Tgt Ion: 99 Resp: 1410371

Ion Ratio Lower Upper

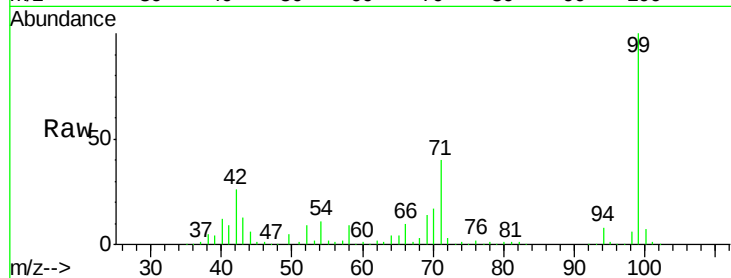
99 100

42 26.1 18.2 27.2

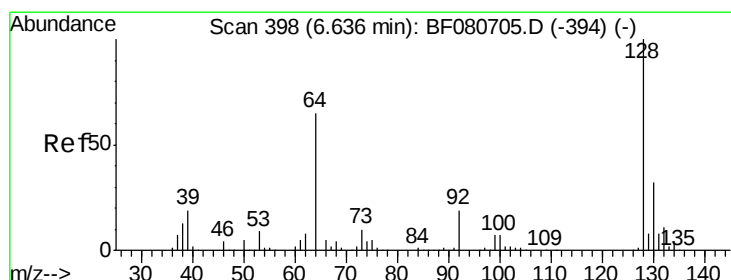
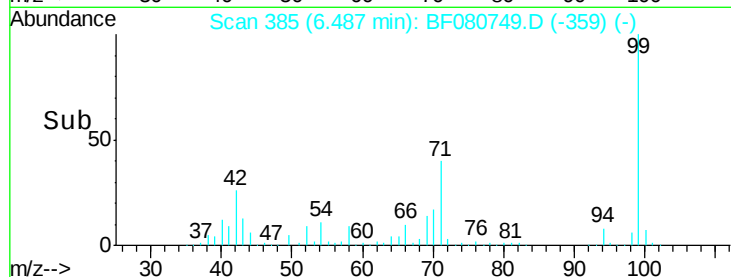
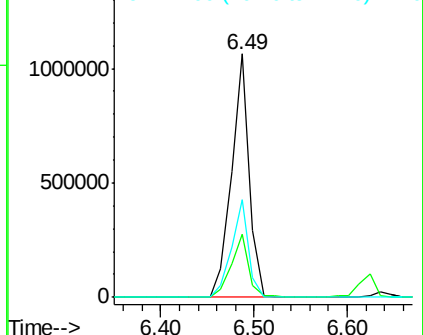
71 40.1 29.5 44.3

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.95 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

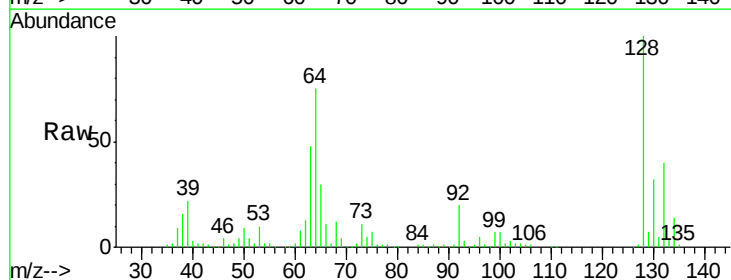
Tgt Ion: 128 Resp: 391806

Ion Ratio Lower Upper

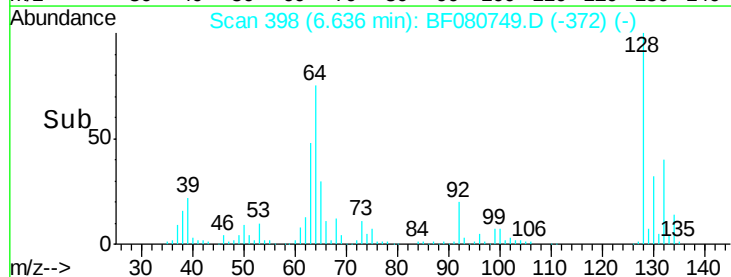
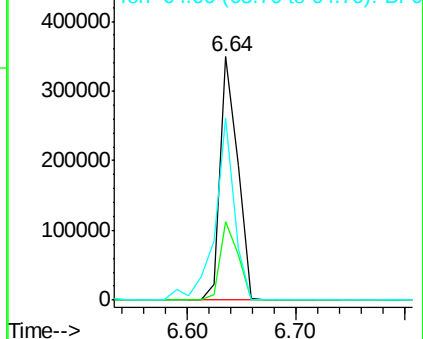
128 100

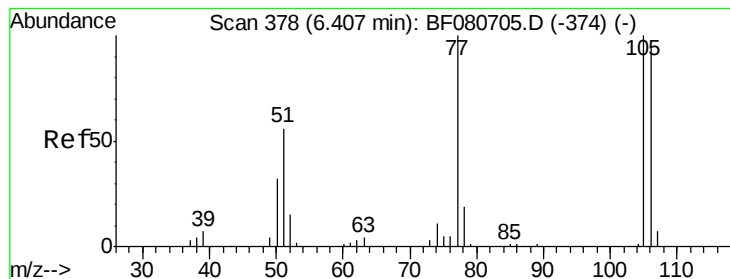
130 32.2 11.7 51.7

64 74.9 48.7 88.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.58 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

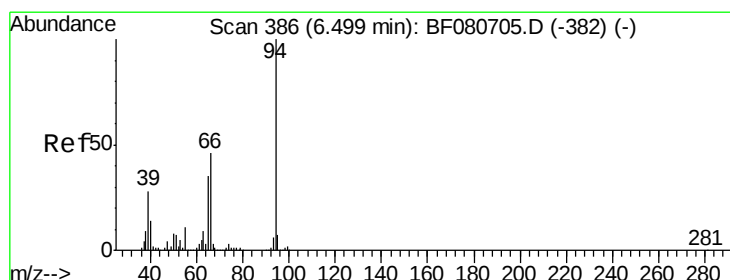
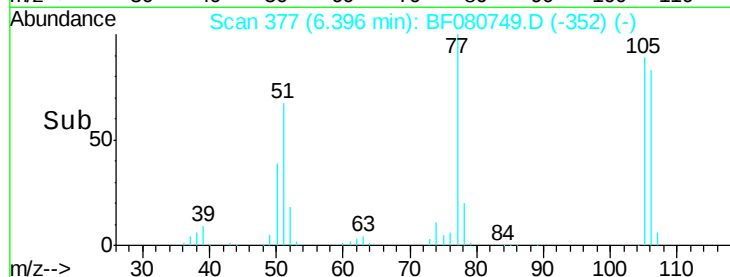
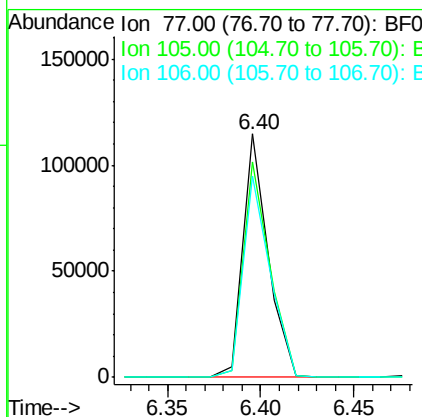
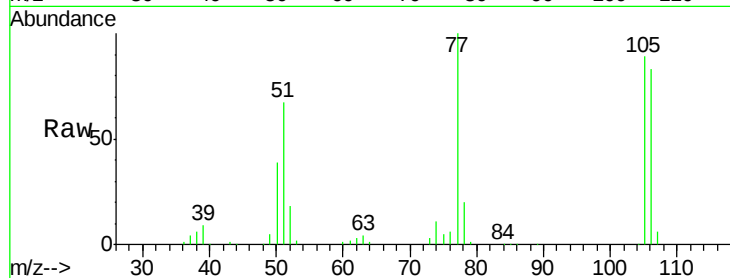
ClientSampleId :

COFF-3RD-2(0-2)MS

Manual Integrations
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Tgt Ion:	77	Resp:	107798
Ion	Ratio	Lower	Upper
77	100		
105	88.6	80.2	120.2
106	82.5	74.2	114.2



#10

Phenol

Concen: 41.00 ng

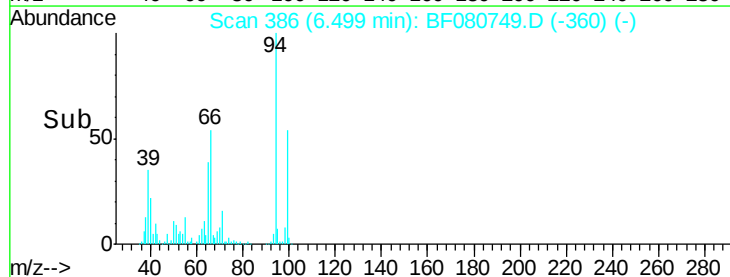
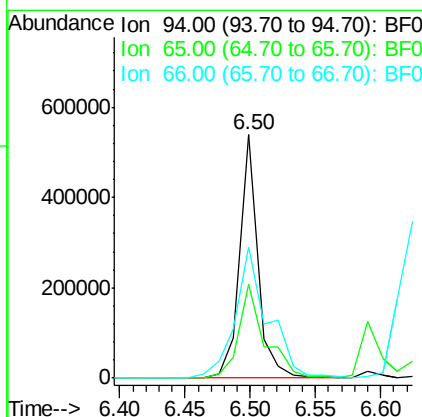
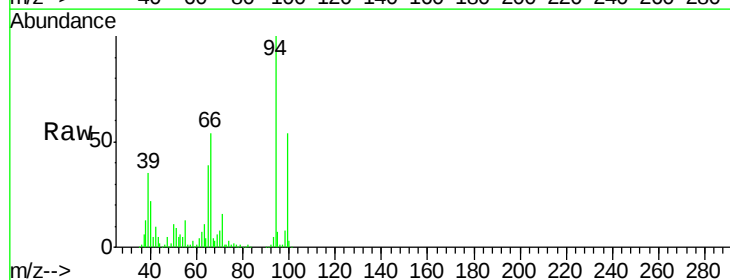
RT: 6.50 min Scan# 386

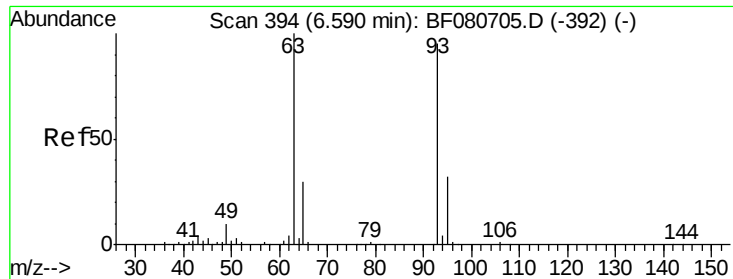
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion:	94	Resp:	525745
Ion	Ratio	Lower	Upper
94	100		
65	38.6	14.7	54.7
66	53.9	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 43.94 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

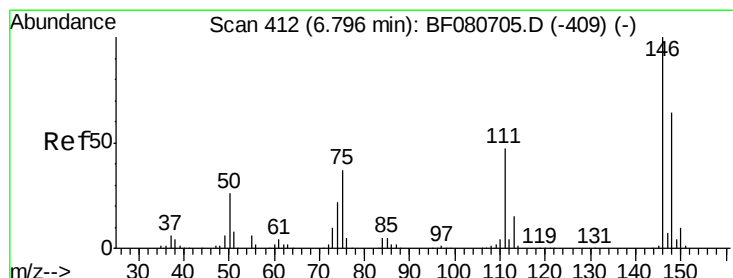
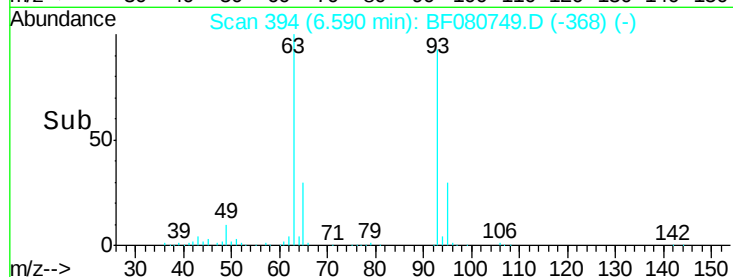
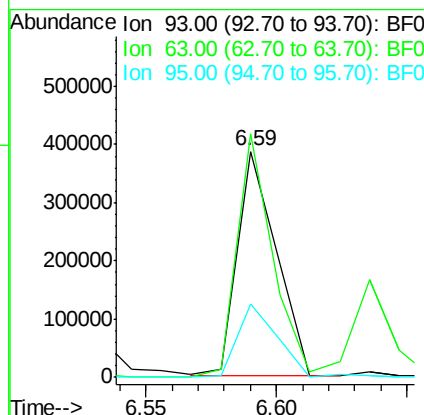
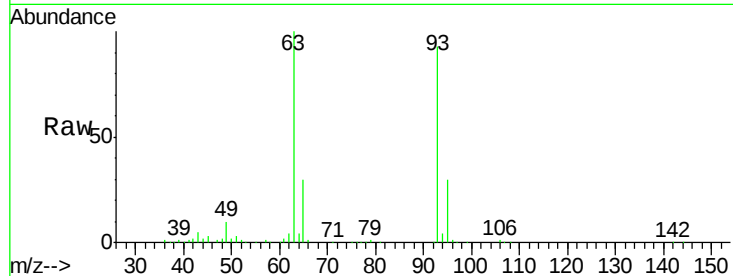
ClientSampleId :

COFF-3RD-2(0-2)MS

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Tgt Ion:	93	Resp:	402528
Ion	Ratio	Lower	Upper
93	100		
63	107.8	85.3	125.3
95	32.2	13.3	53.3



#12

1,3-Dichlorobenzene

Concen: 45.56 ng

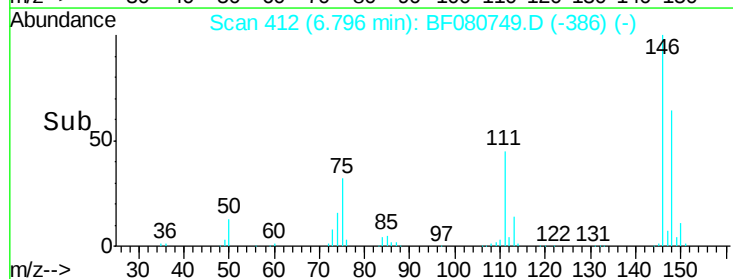
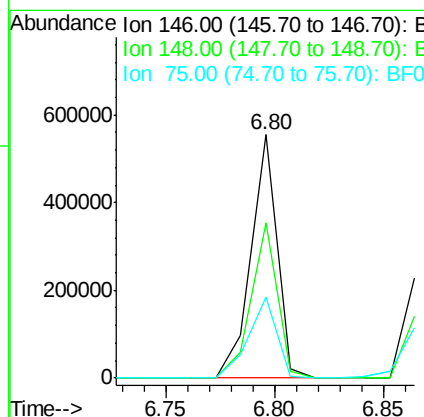
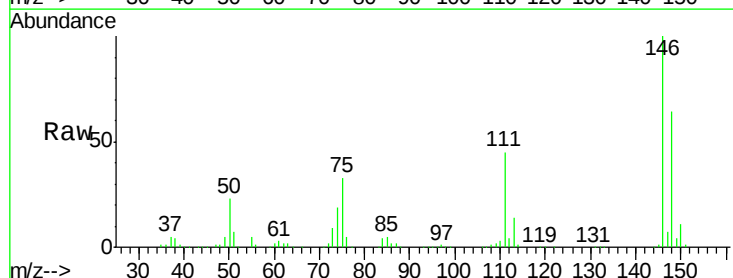
RT: 6.80 min Scan# 412

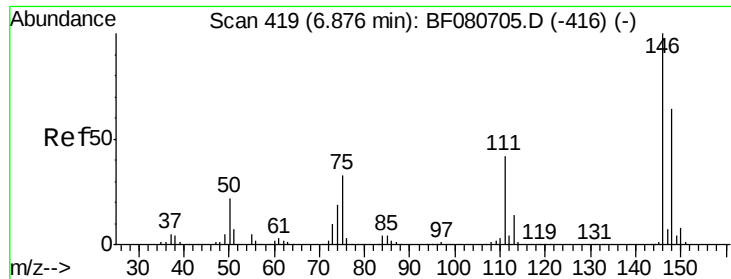
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

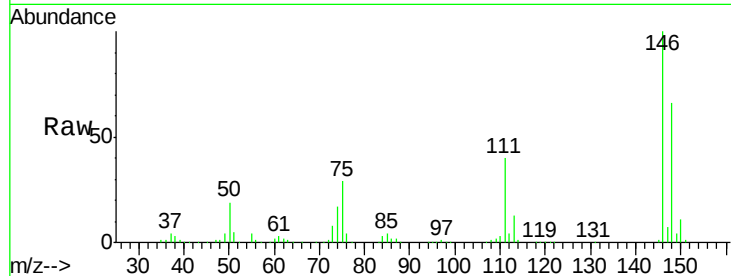
Tgt Ion:	146	Resp:	462680
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.0	76.6
75	33.4	29.4	44.0





#13
 1,4-Dichlorobenzene
 Concen: 44.73 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

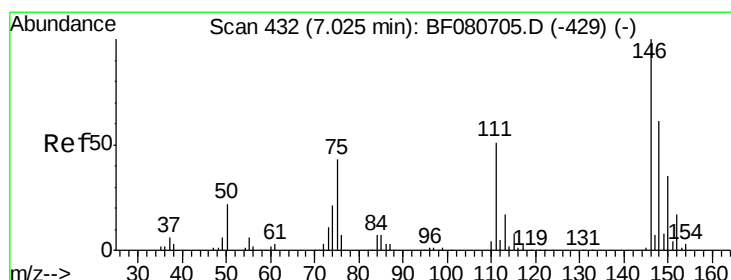
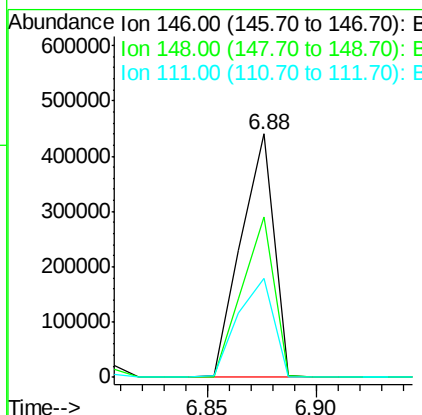
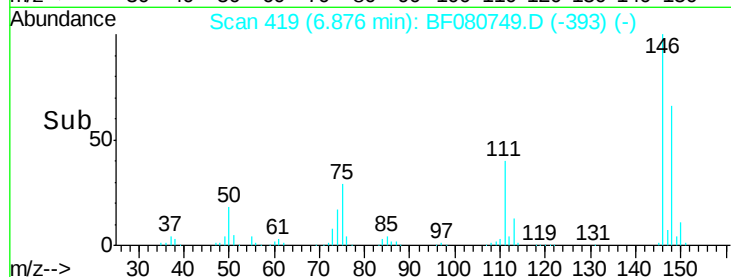
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.4	77.2
111	40.4	33.8	50.6

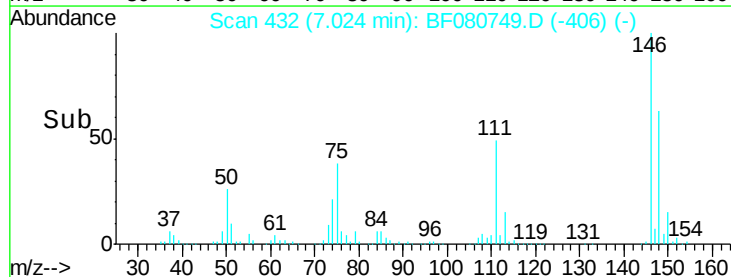
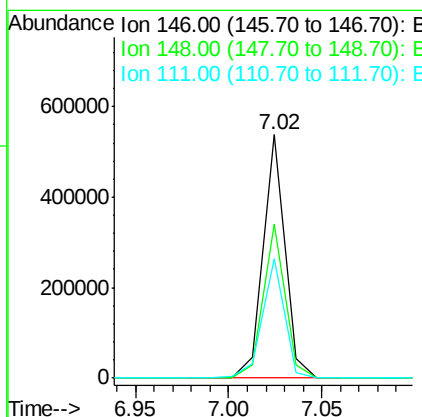
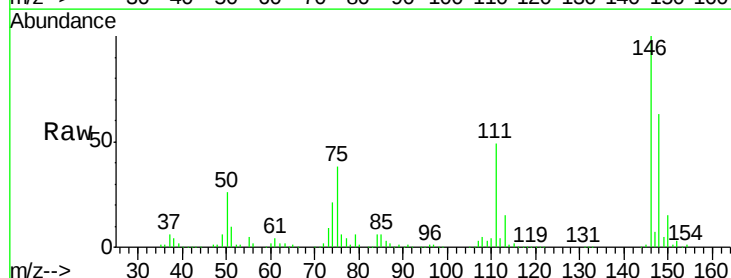
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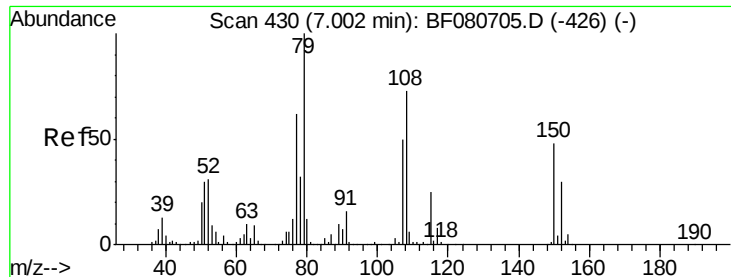
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#14
 1,2-Dichlorobenzene
 Concen: 45.59 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.2	73.8
111	49.0	41.0	61.4





#15

Benzyl Alcohol

Concen: 44.41 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

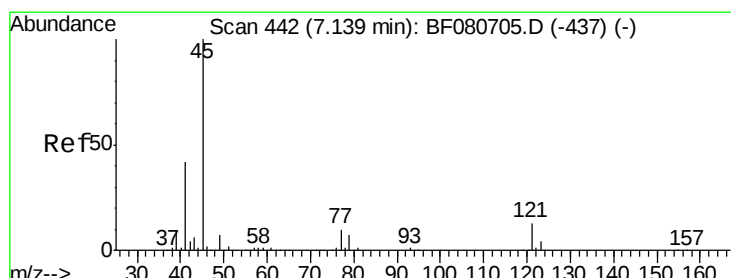
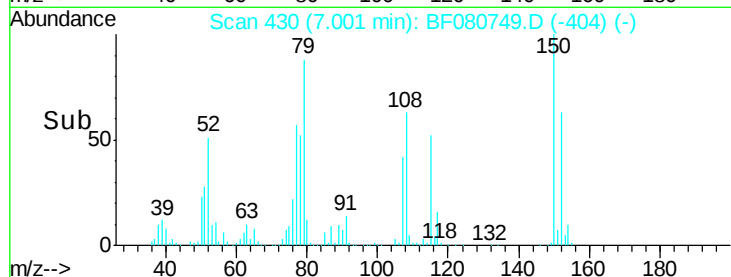
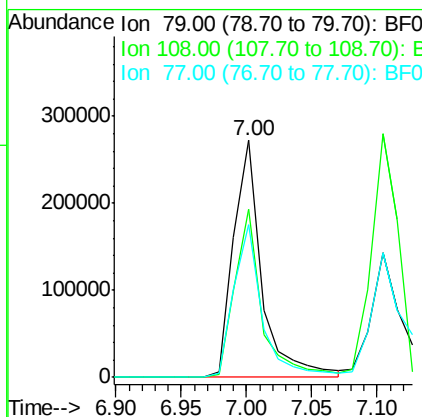
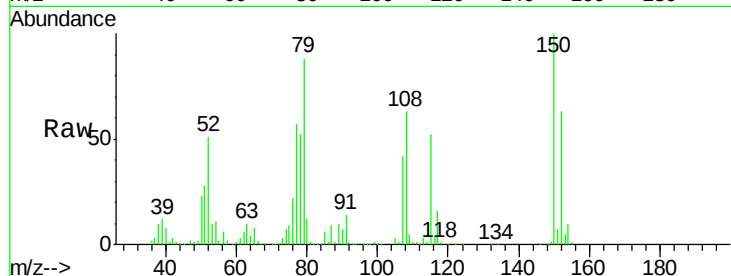
ClientSampleId :

COFF-3RD-2(0-2)MS

Tgt Ion:	79	Resp:	408668
Ion Ratio	Lower	Upper	
79	100		
108	71.2	58.7	88.1
77	64.6	49.8	74.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.90 ng

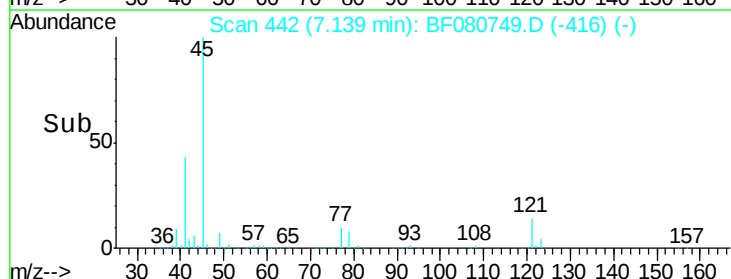
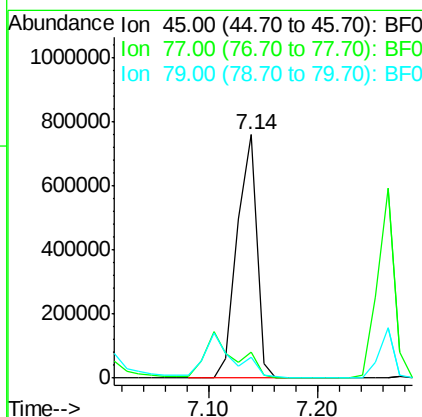
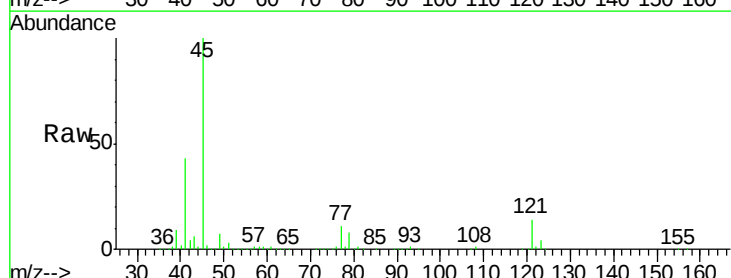
RT: 7.14 min Scan# 442

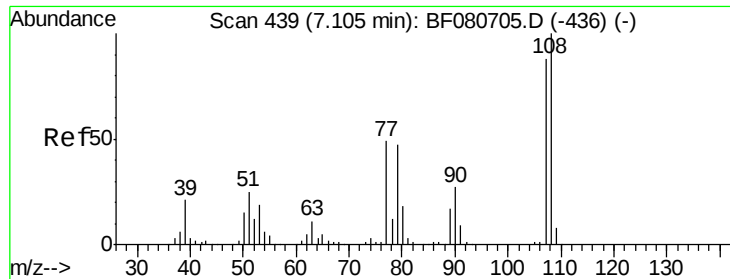
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion:	45	Resp:	937545
Ion Ratio	Lower	Upper	
45	100		
77	10.6	0.0	29.9
79	8.5	0.0	27.4





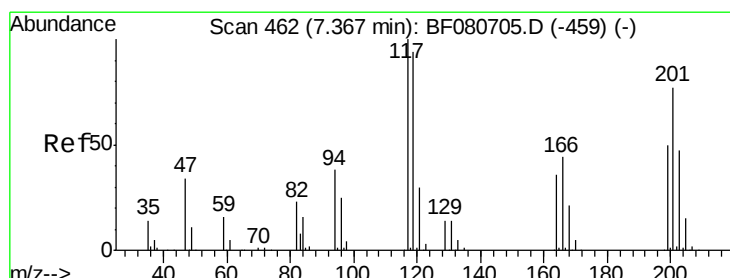
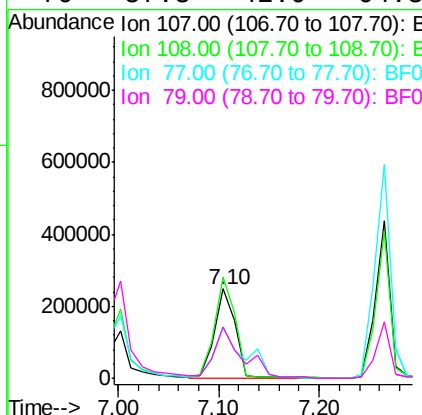
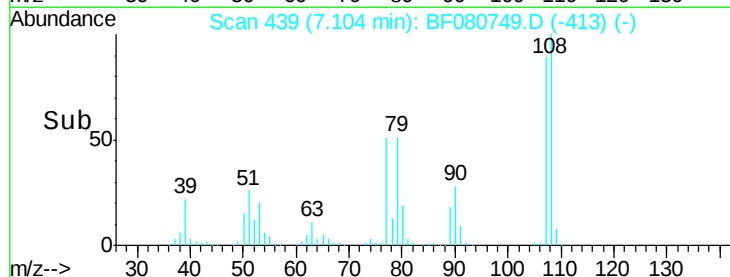
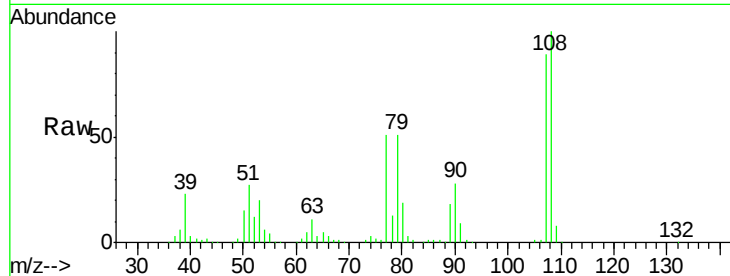
#17
2-Methylphenol
Concen: 47.46 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion:	107	Resp:	355377
Ion Ratio	Lower	Upper	
107	100		
108	112.6	90.8	136.2
77	57.8	44.6	67.0
79	57.3	42.9	64.3

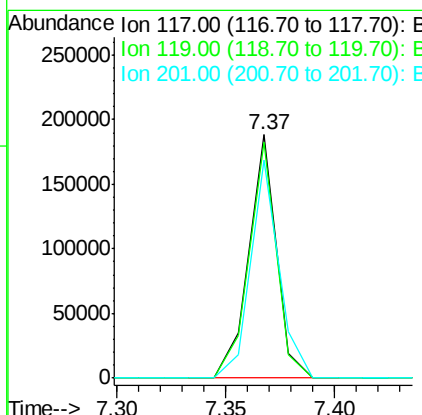
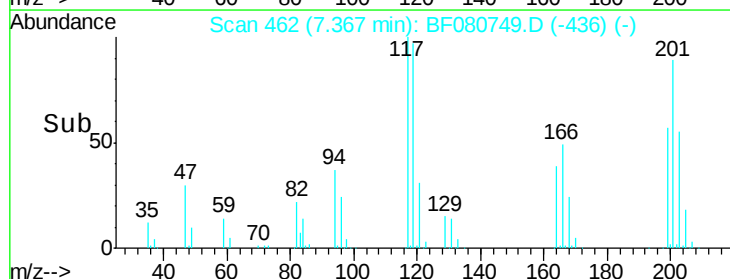
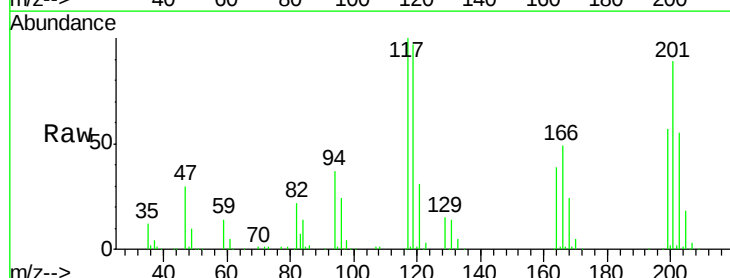
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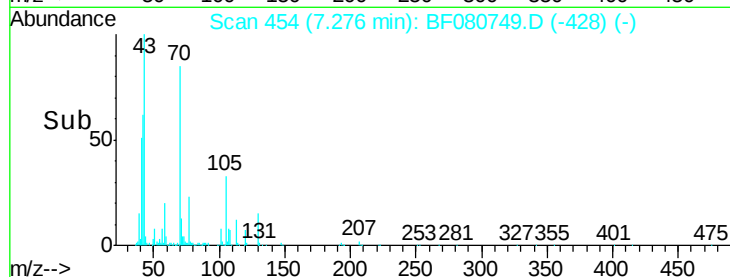
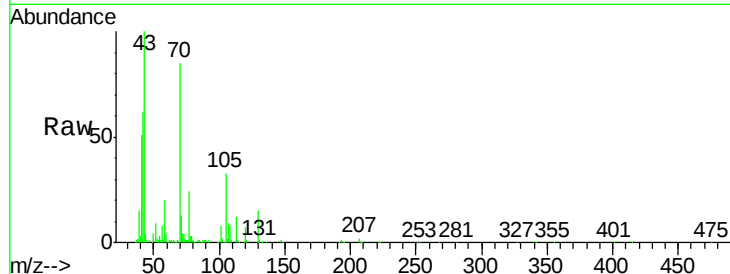
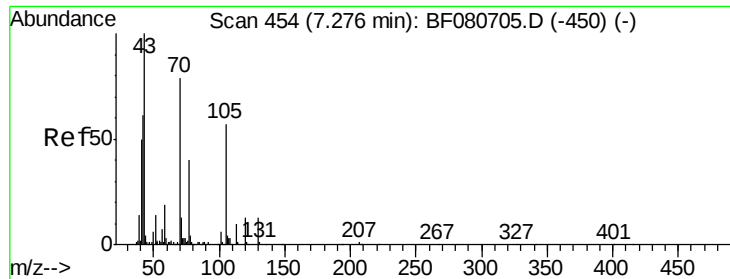
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#18
Hexachloroethane
Concen: 42.98 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion:	117	Resp:	166208
Ion Ratio	Lower	Upper	
117	100		
119	97.1	74.9	112.3
201	89.4	61.5	92.3





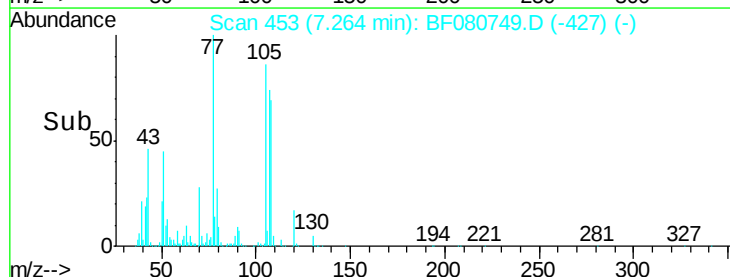
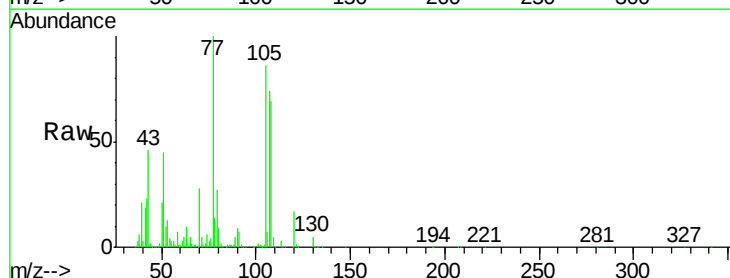
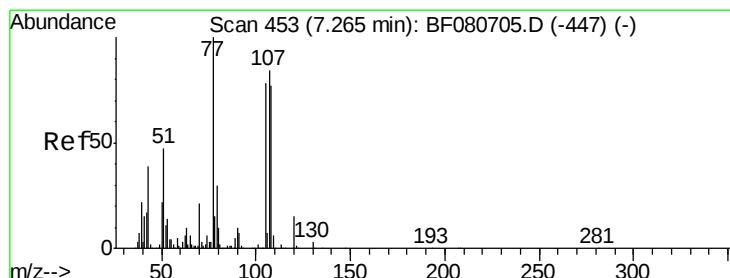
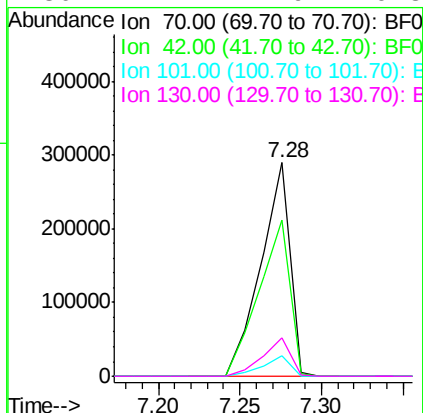
#19
n-Nitroso-di-n-propylamine
Concen: 48.35 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

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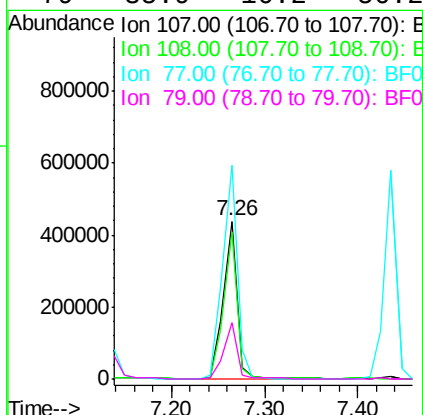
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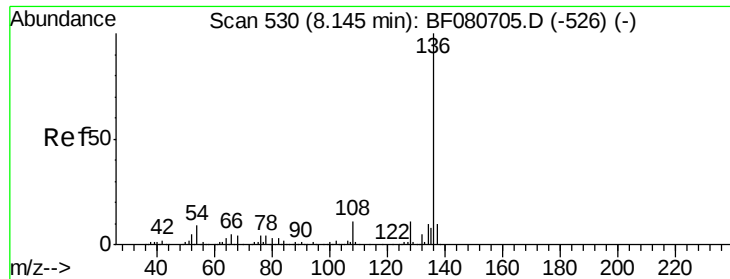
Tgt Ion	Ratio	Lower	Upper
70	100		
42	72.8	61.8	92.6
101	9.4	6.1	9.1#
130	17.7	12.9	19.3



#20
3+4-Methylphenols
Concen: 48.20 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.3	71.8	111.8
77	135.4	99.8	139.8
79	35.9	16.2	56.2





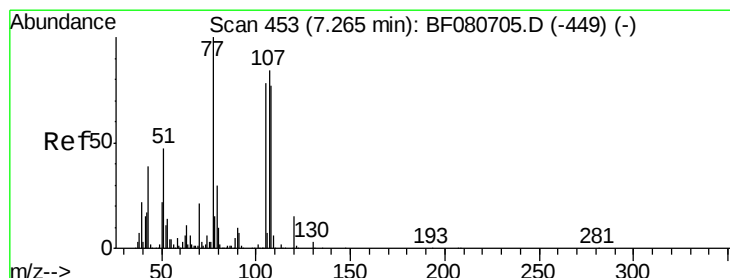
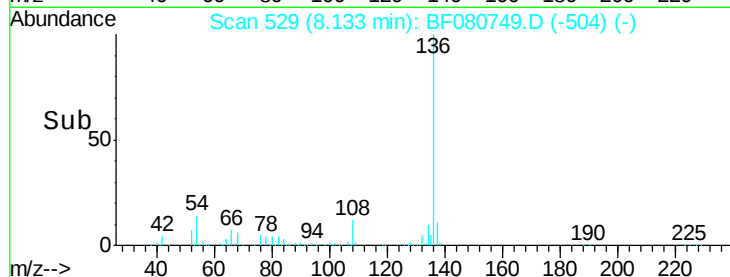
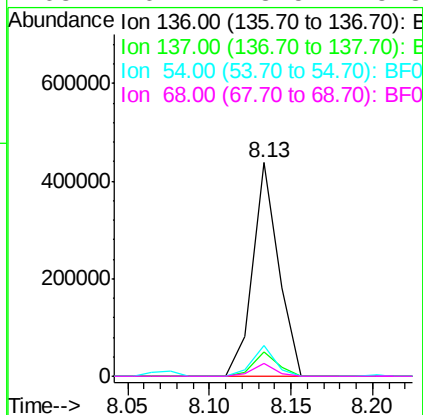
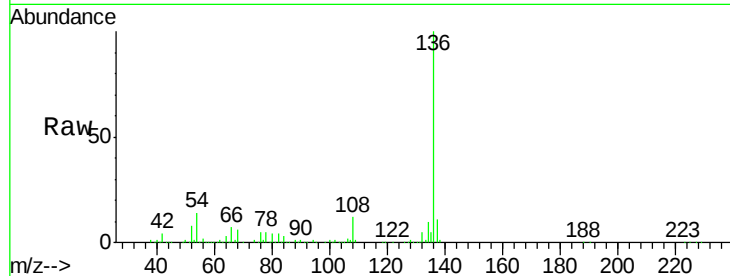
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	481423		
137	11.3	8.4	12.6	
54	14.3	6.9	10.3#	
68	6.1	3.5	5.3#	

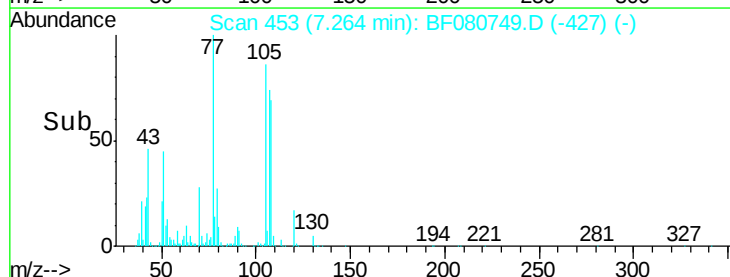
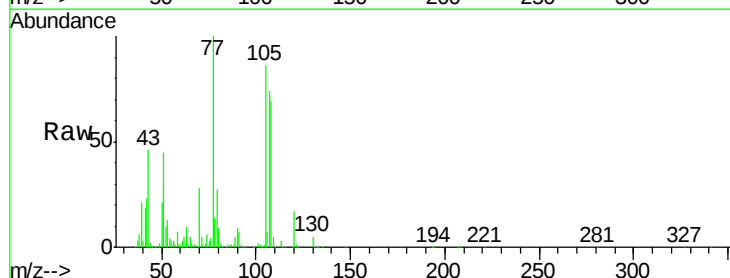
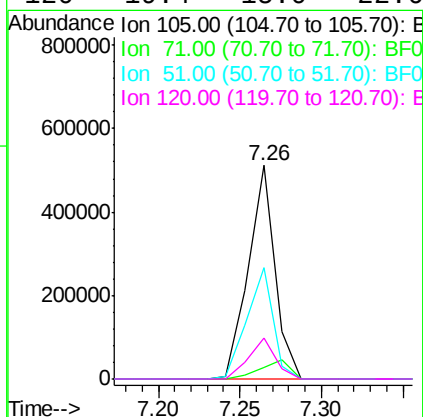
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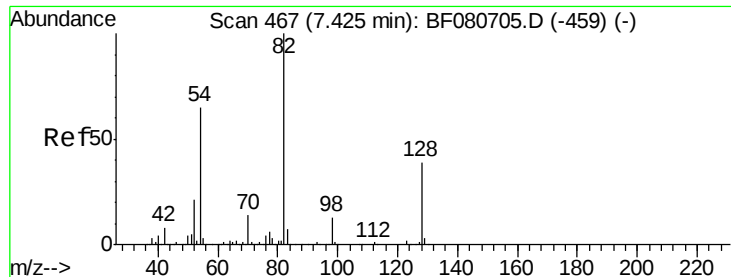
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#22
Acetophenone
Concen: 49.89 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579756		
71	5.4	3.4	5.0#	
51	52.2	47.9	71.9	
120	19.4	15.0	22.6	





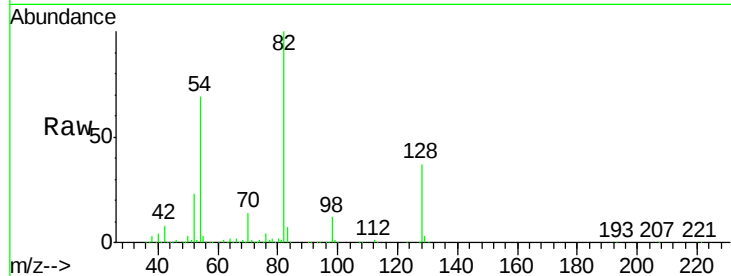
#23
 Nitrobenzene-d5
 Concen: 102.37 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

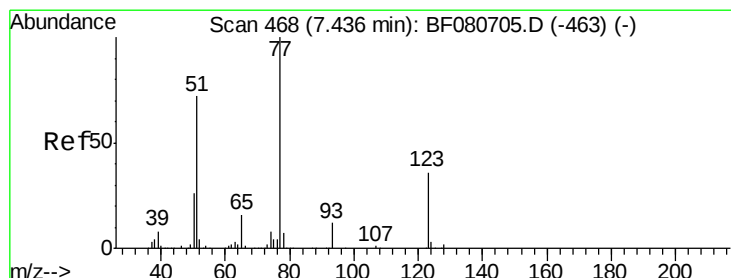
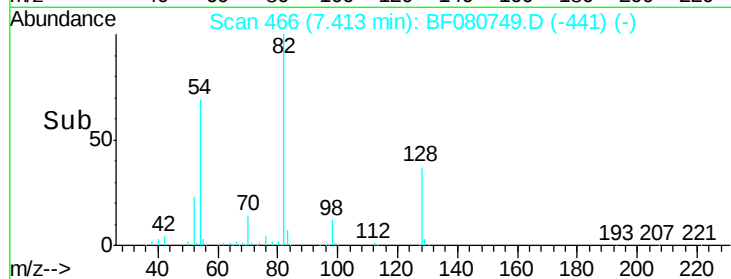
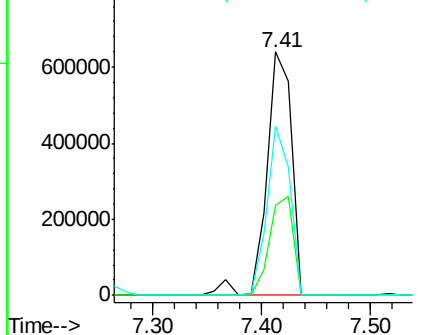
Tgt Ion: 82 Resp: 1017735
 Ion Ratio Lower Upper
 82 100
 128 36.8 31.5 47.3
 54 69.5 51.8 77.8

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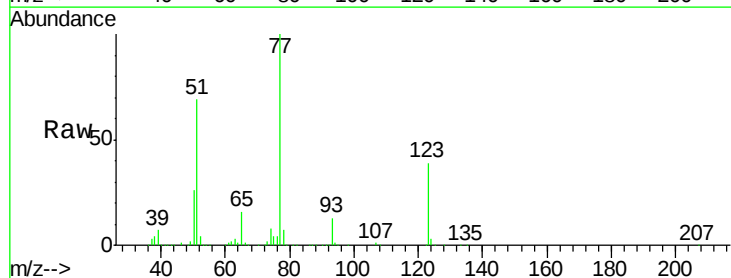


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

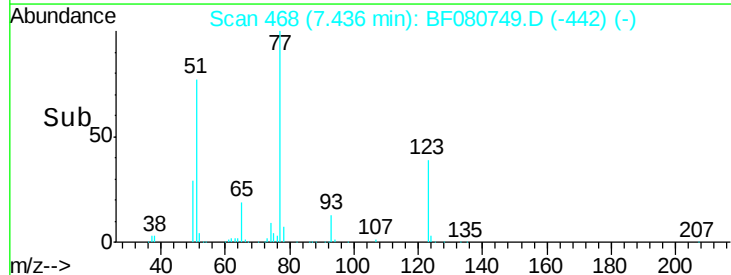
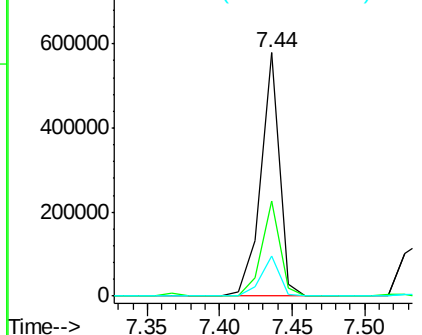


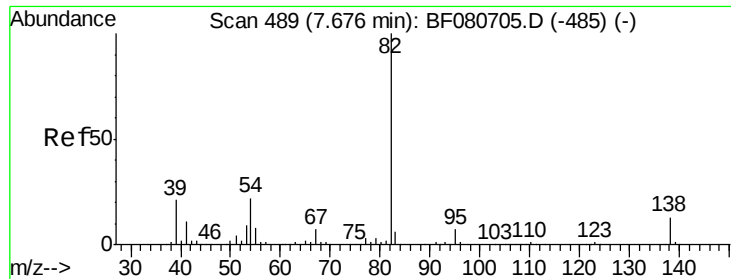
#24
 Nitrobenzene
 Concen: 51.52 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion: 77 Resp: 513096
 Ion Ratio Lower Upper
 77 100
 123 39.0 28.9 43.3
 65 16.4 13.0 19.4



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





#25

Isophorone

Concen: 49.37 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080749.D

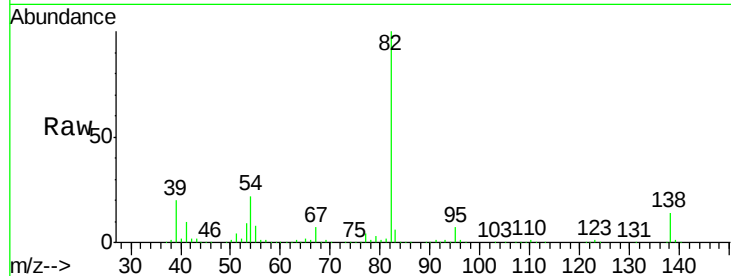
Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

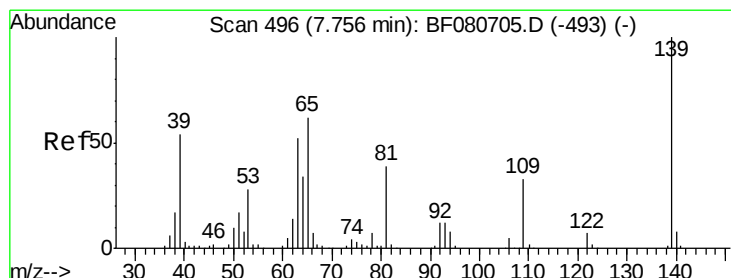
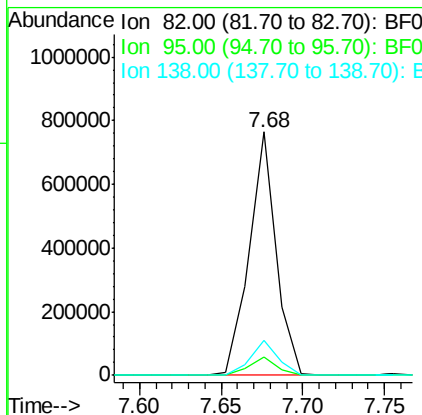
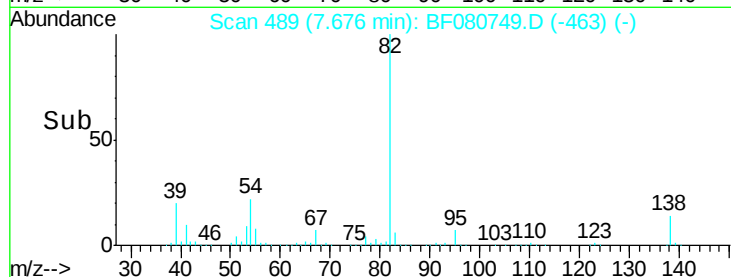
COFF-3RD-2(0-2)MS



Tgt Ion:	82	Resp:	872861
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	14.3	10.7	16.1

Manual Integrations
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8/3/2015 11:55:53 AM



#26

2-Nitrophenol

Concen: 52.83 ng

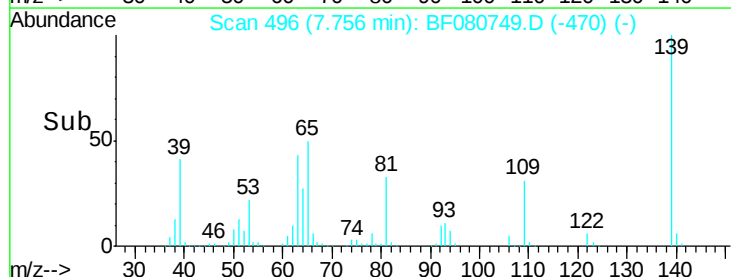
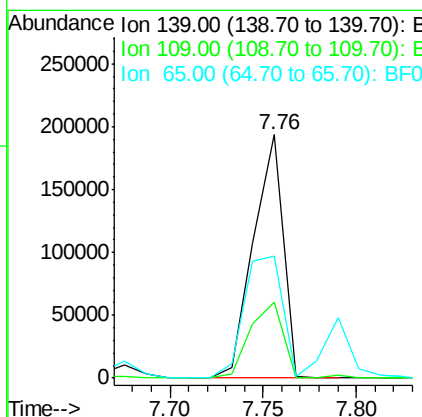
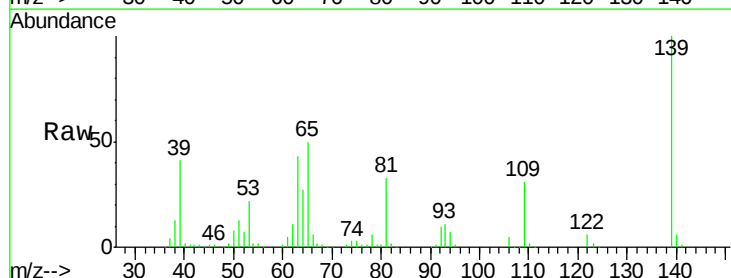
RT: 7.76 min Scan# 496

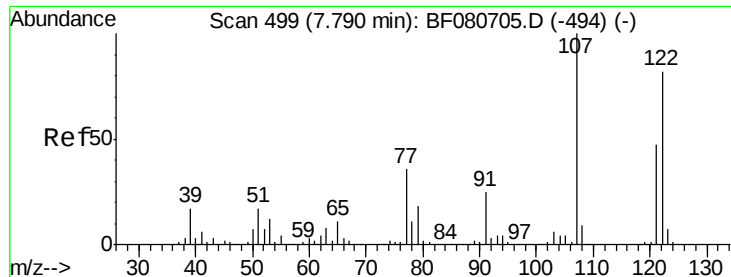
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

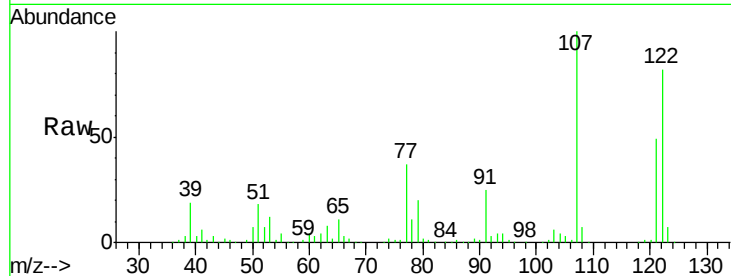
Tgt Ion:	139	Resp:	213582
Ion Ratio	Lower	Upper	
139	100		
109	31.2	26.5	39.7
65	49.9	49.8	74.8





#27
 2,4-Dimethylphenol
 Concen: 51.96 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

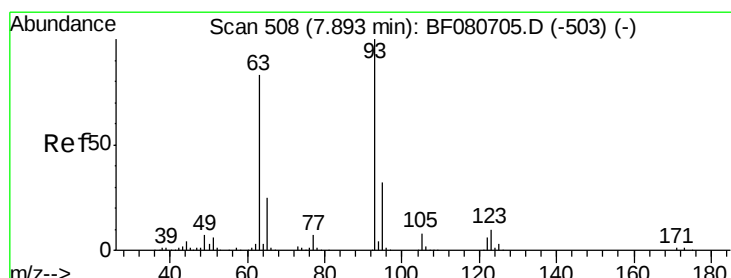
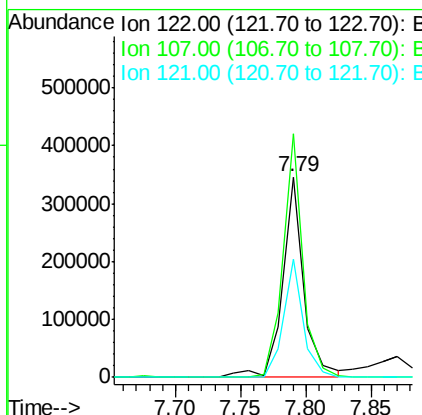
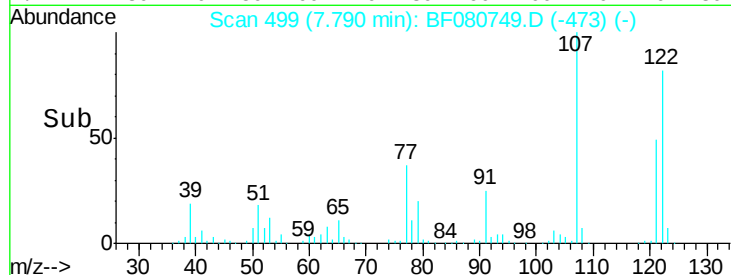
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	394668		
107	121.6	98.1	147.1	
121	59.0	45.8	68.8	

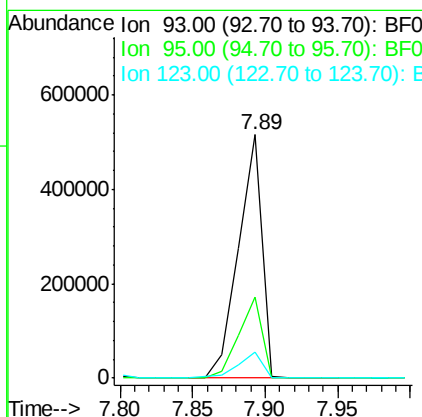
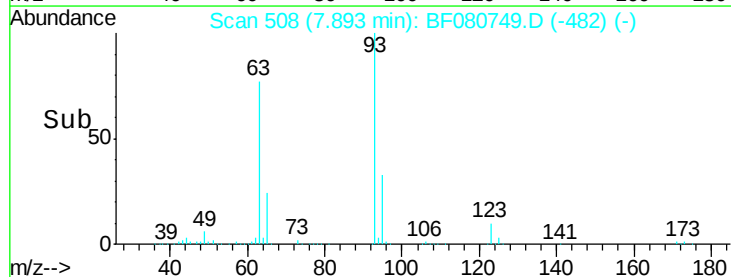
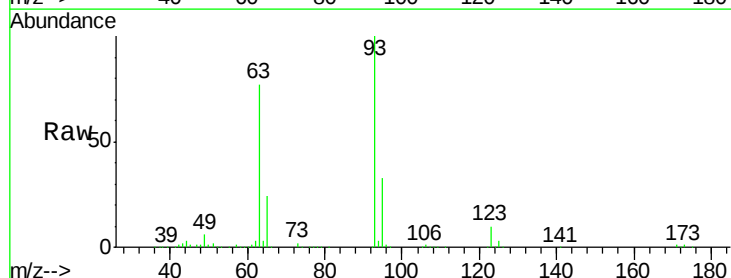
Manual Integrations
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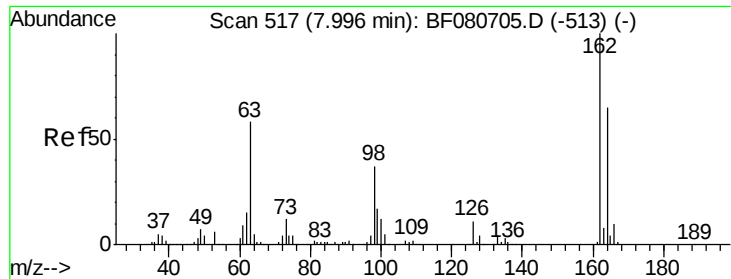
MMDadoda
 8/3/2015 11:55:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 55.24 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	578599		
95	33.3	26.0	39.0	
123	10.5	8.2	12.4	





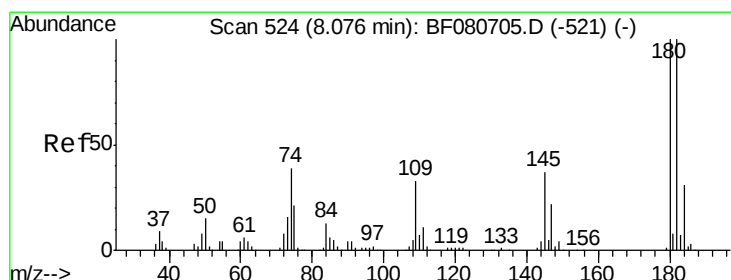
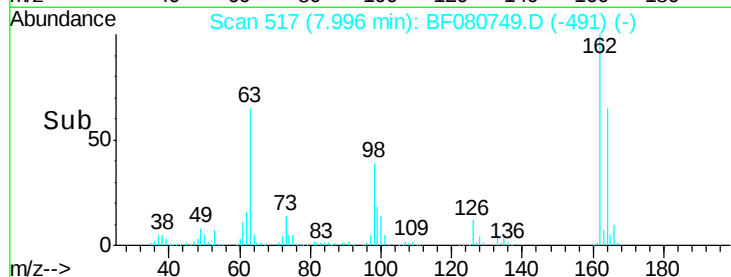
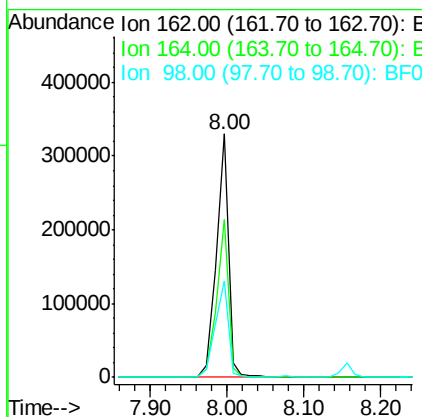
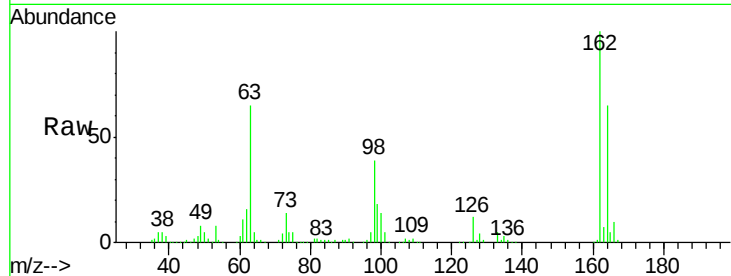
#29
2,4-Dichlorophenol
Concen: 53.01 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	357910		
164	64.9	45.1	85.1	
98	39.4	17.0	57.0	

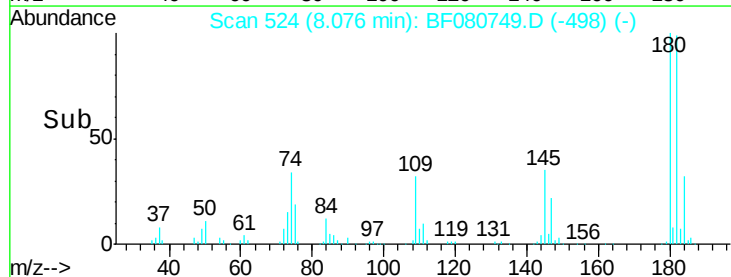
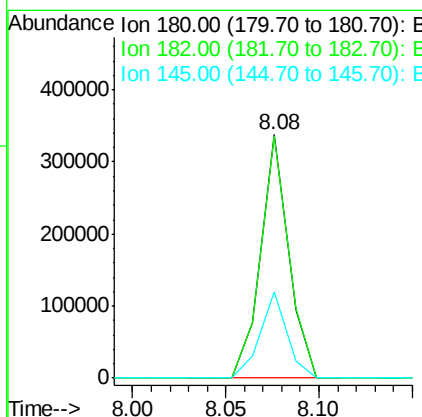
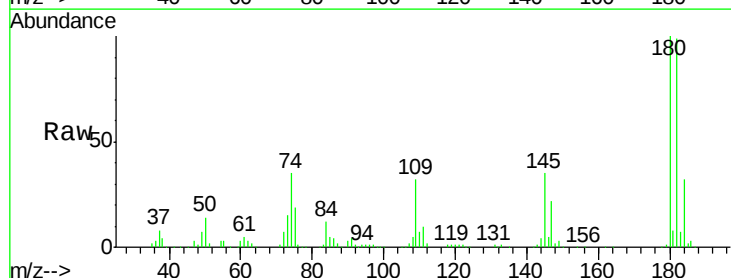
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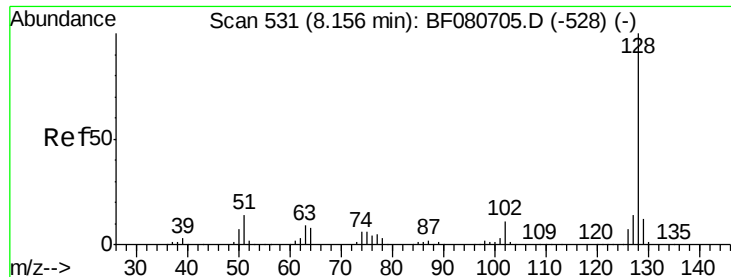
MMDadoda
8/3/2015 11:55:53 AM



#30
1,2,4-Trichlorobenzene
Concen: 47.58 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350276		
182	99.5	79.8	119.8	
145	35.3	29.8	44.6	





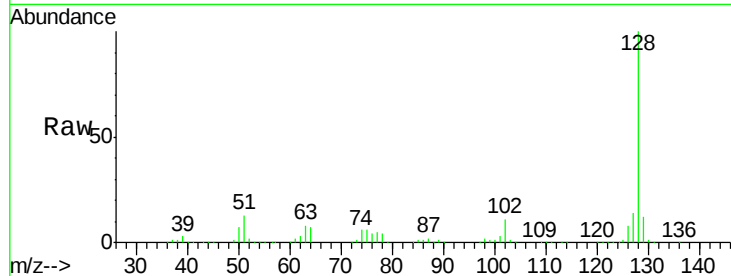
#31
Naphthalene
Concen: 45.87 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

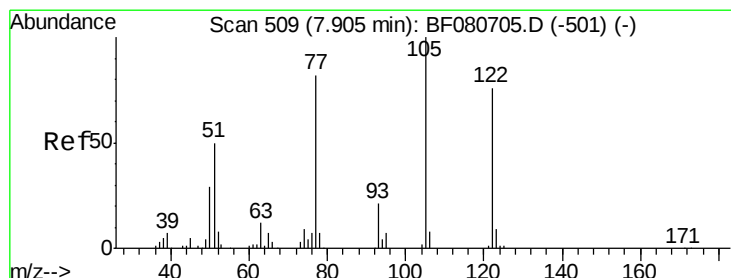
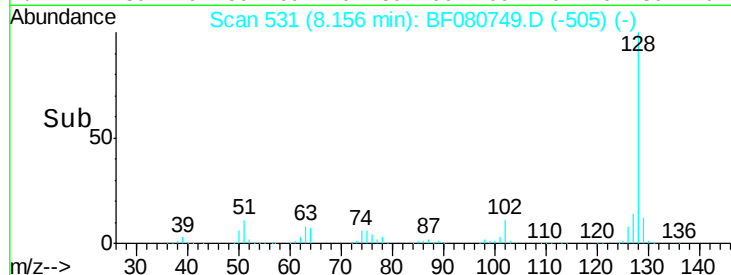
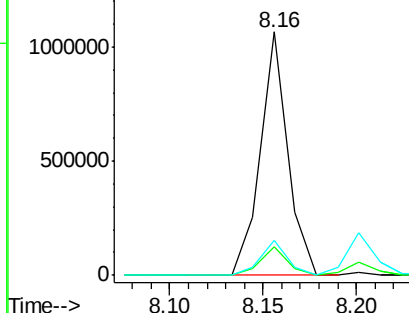
Tgt Ion:128 Resp: 1102333
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 14.3 11.0 16.6

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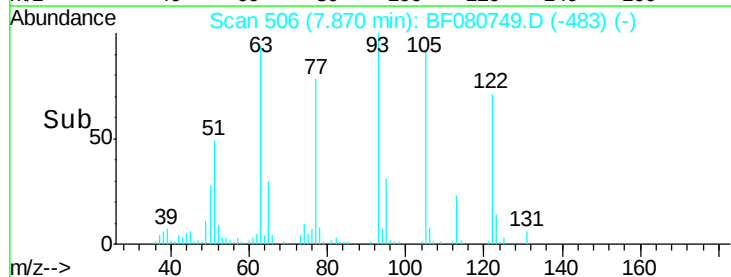
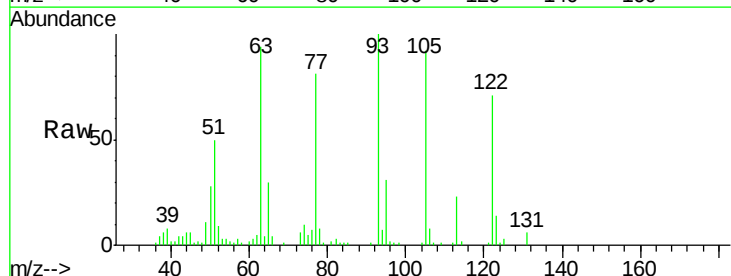
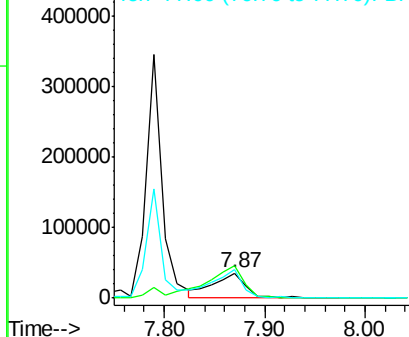
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

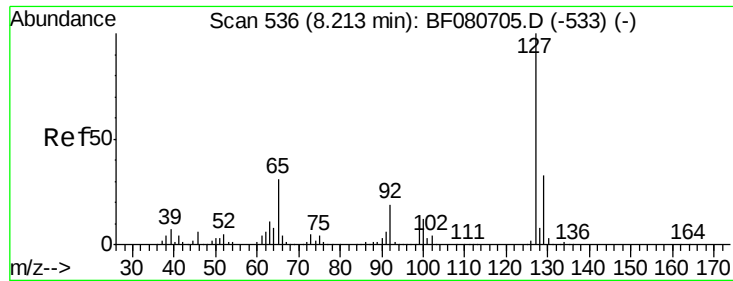


#32
Benzoic acid
Concen: 15.11 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion:122 Resp: 79295
Ion Ratio Lower Upper
122 100
105 130.3 111.3 151.3
77 114.2 88.1 128.1

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





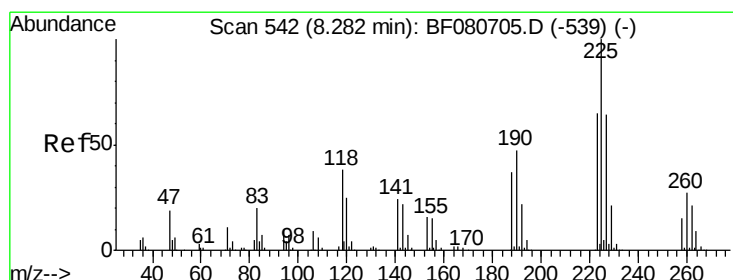
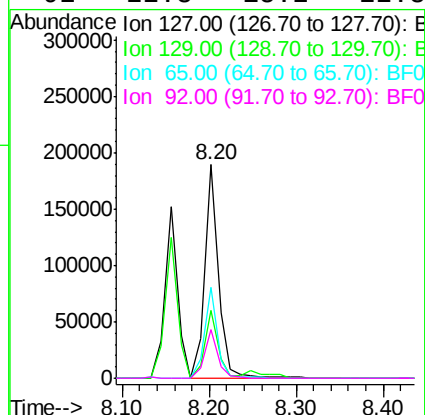
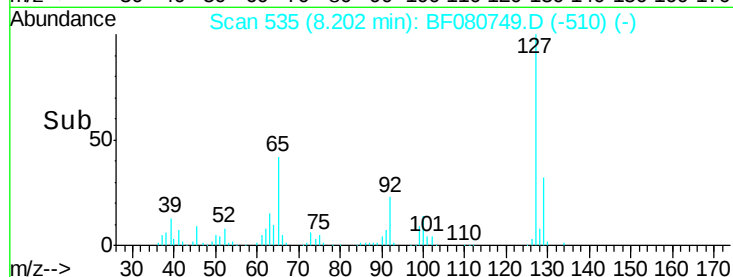
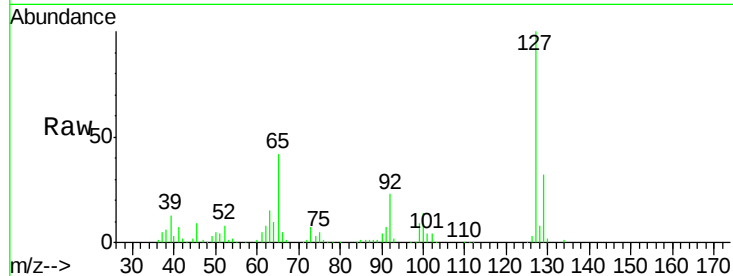
#33
4-Chloroaniline
Concen: 20.40 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	26.7	40.1	
65	42.3	24.5	36.7	
92	22.8	15.2	22.8	

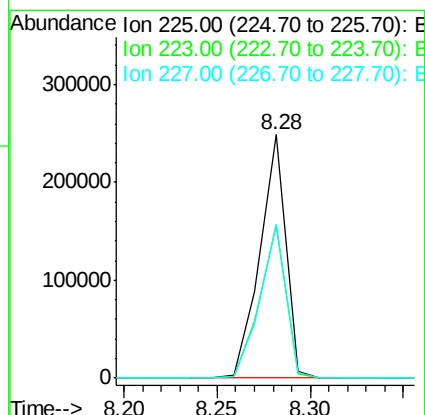
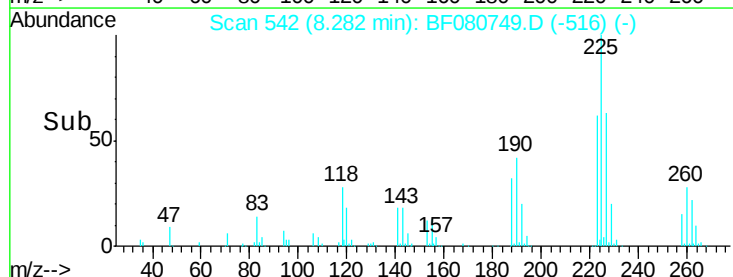
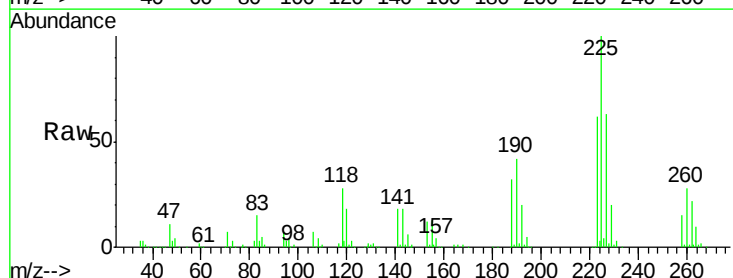
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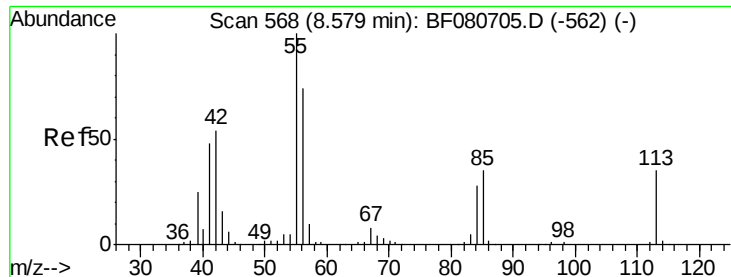
MMDadoda
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#34
Hexachlorobutadiene
Concen: 50.10 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	51.7	77.5	
227	63.4	51.0	76.4	





#35

Caprolactam

Concen: 47.46 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

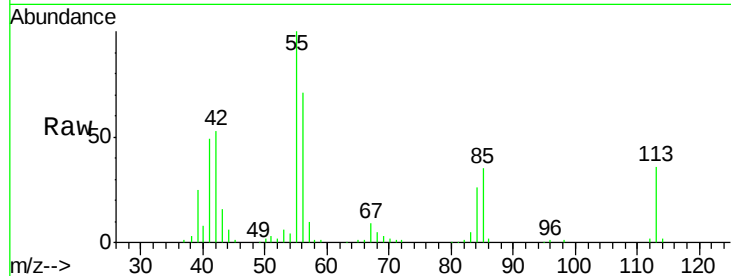
ClientSampleId :

COFF-3RD-2(0-2)MS

Tgt Ion:	113	Resp:	95940
Ion Ratio	Lower	Upper	
113	100		
55	276.6	269.3	309.3
56	197.7	193.3	233.3

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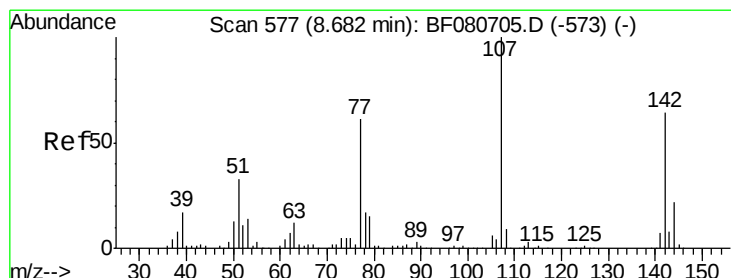
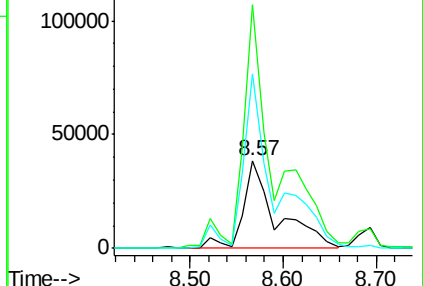
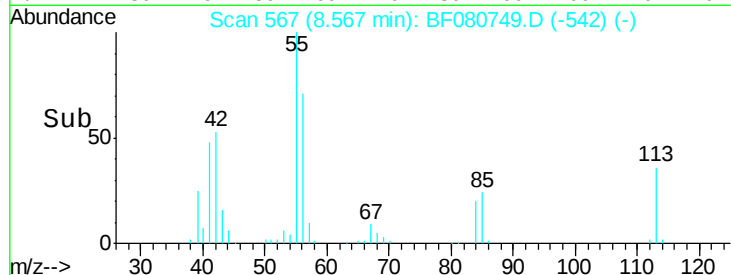
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 55.98 ng

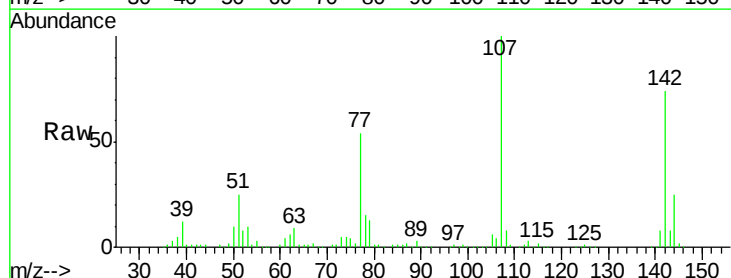
RT: 8.69 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

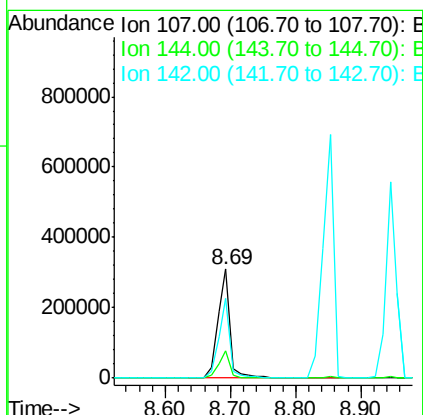
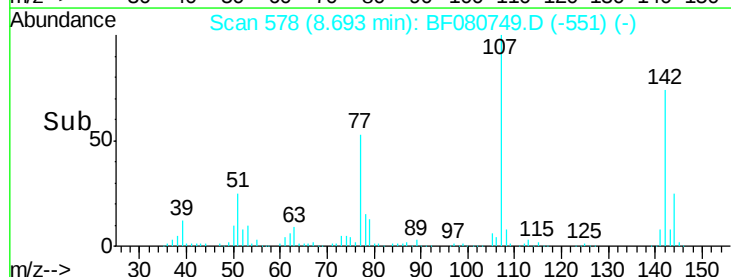
Tgt Ion:	107	Resp:	407486
Ion Ratio	Lower	Upper	
107	100		
144	24.9	17.2	25.8
142	73.7	51.2	76.8

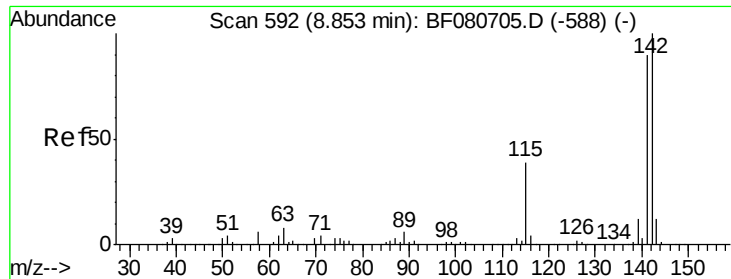


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





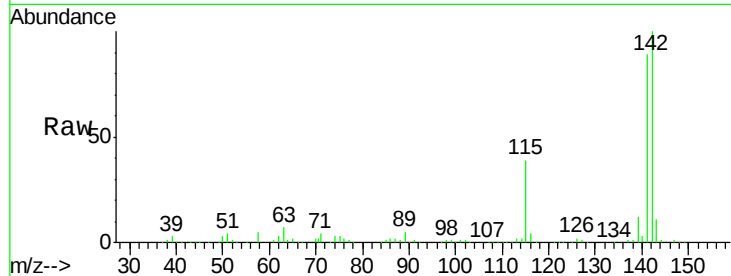
#37
 2-Methylnaphthalene
 Concen: 51.53 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

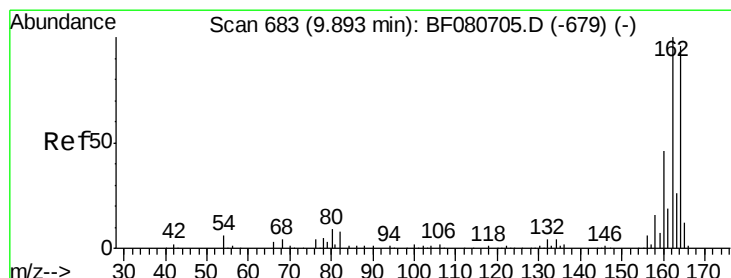
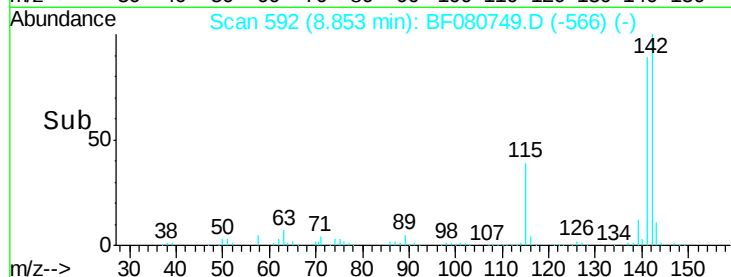
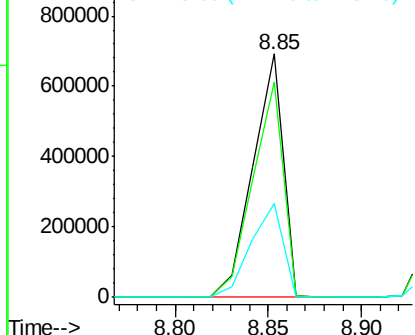
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	38.6	31.4	47.2

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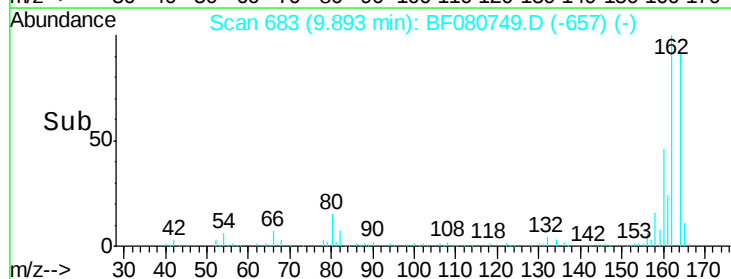
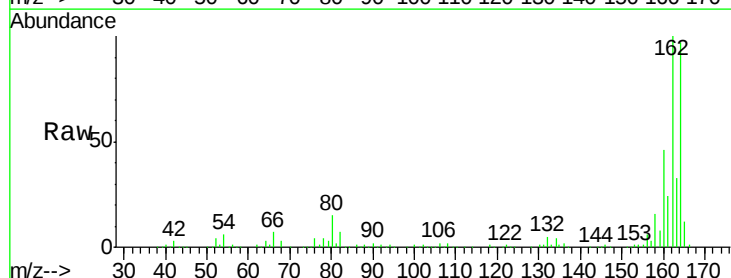
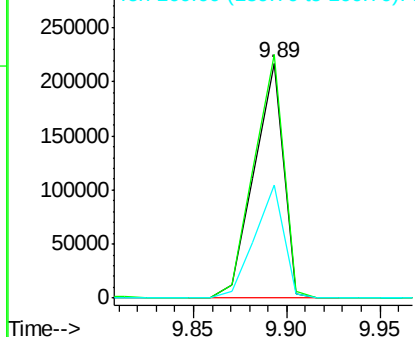
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

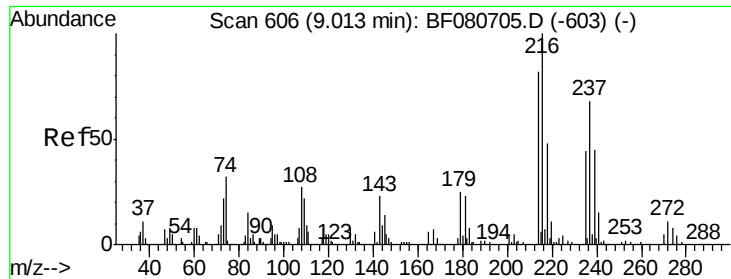


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.4	125.0
160	47.9	38.0	57.0

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





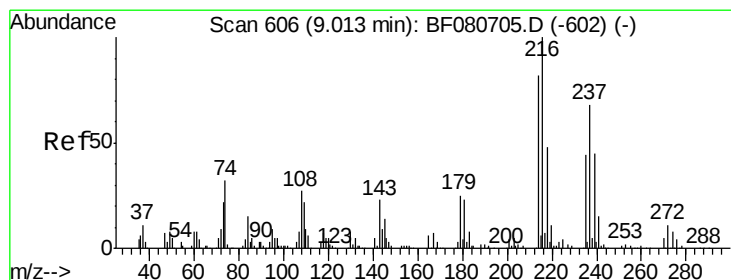
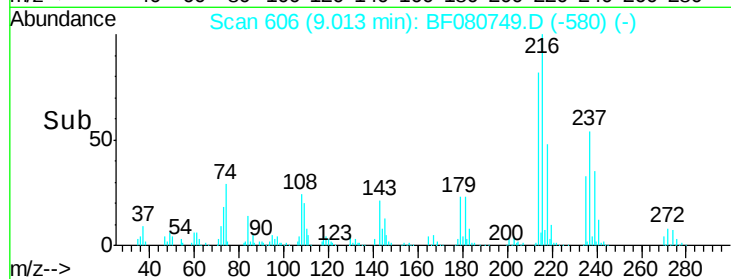
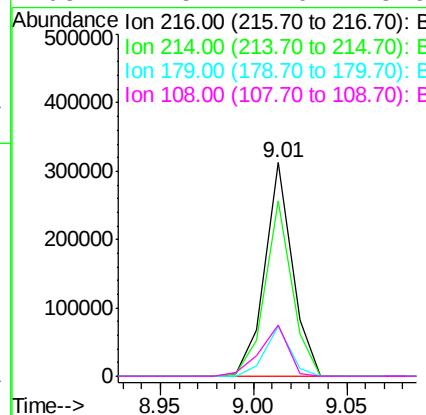
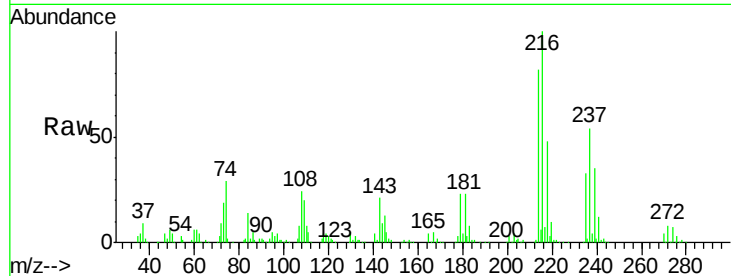
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.23 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Manual Integrations
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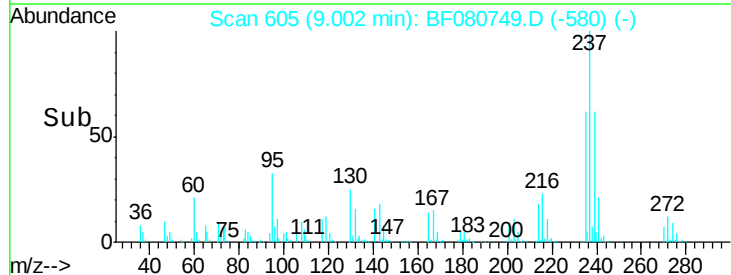
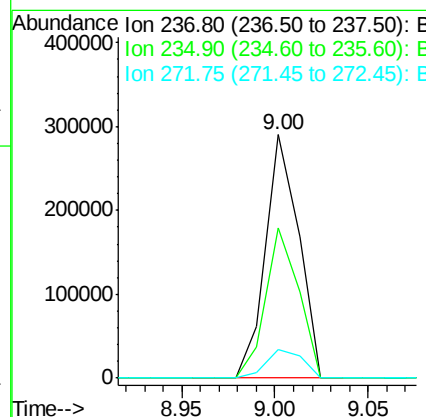
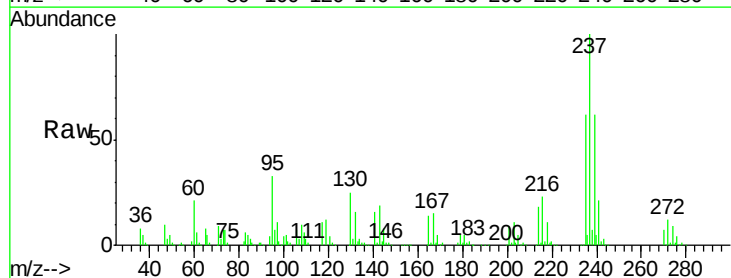
MMDadoda
 8/3/2015 11:55:53 AM

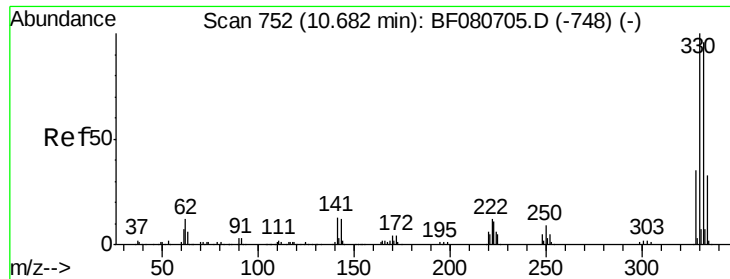
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	320416		
214	80.3	63.1	94.7	
179	21.5	16.9	25.3	
108	24.5	17.0	25.6	



#40
 Hexachlorocyclopentadiene
 Concen: 78.33 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	357196		
235	61.9	44.3	84.3	
272	11.8	0.0	35.5	





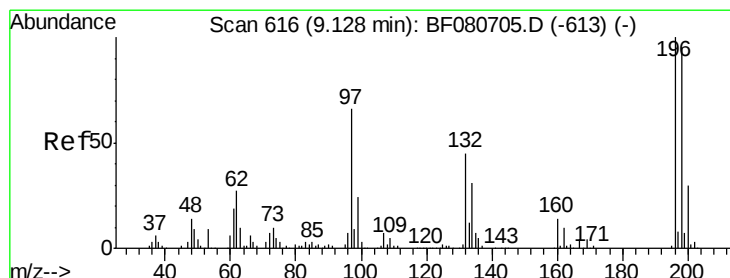
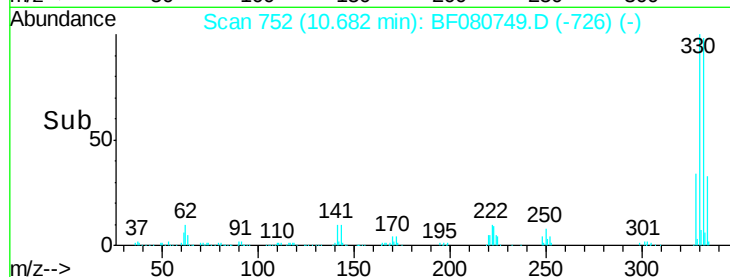
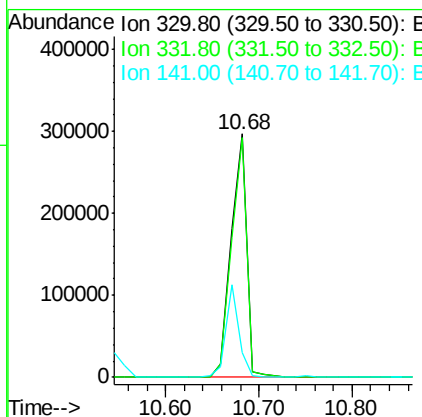
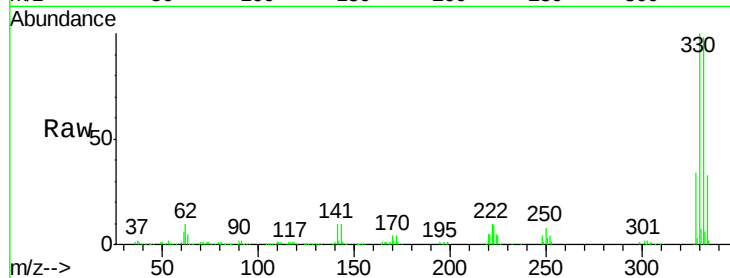
#41
 2,4,6-Tribromophenol
 Concen: 143.26 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	350874		
332	96.7	76.6	114.8	
141	31.9	26.0	39.0	

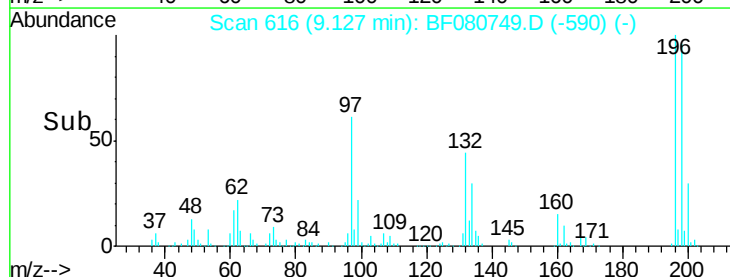
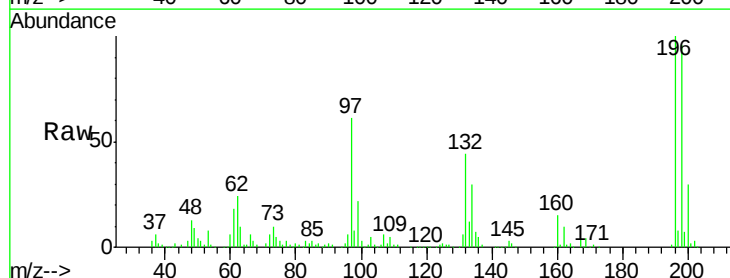
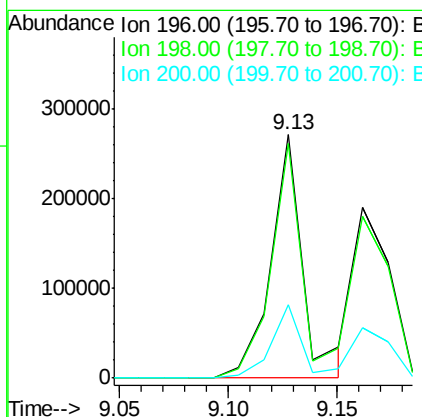
Manual Integrations
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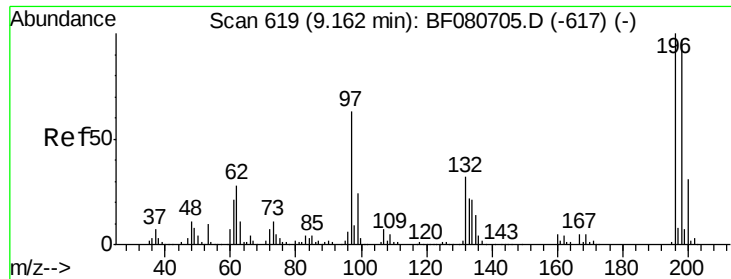
MMDadoda
 8/3/2015 11:55:53 AM



#42
 2,4,6-Trichlorophenol
 Concen: 54.53 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

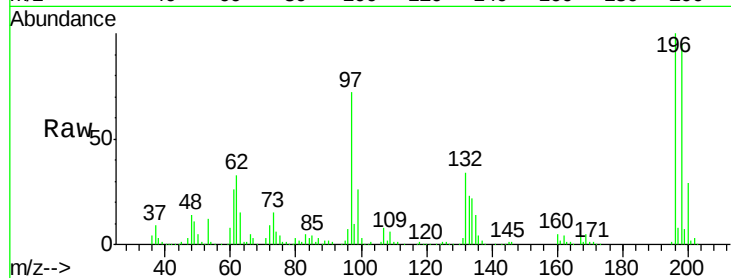
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	281203		
198	96.5	75.8	113.8	
200	30.2	24.2	36.2	





#43
 2,4,5-Trichlorophenol
 Concen: 45.02 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

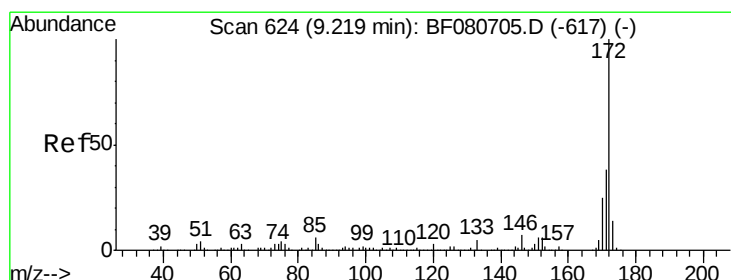
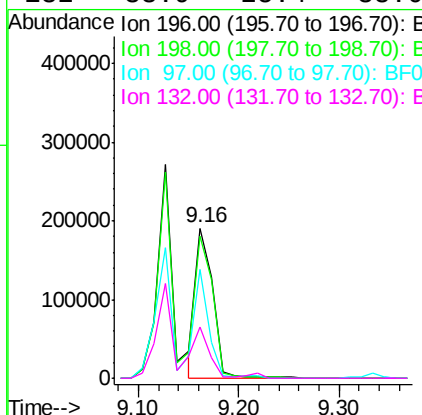
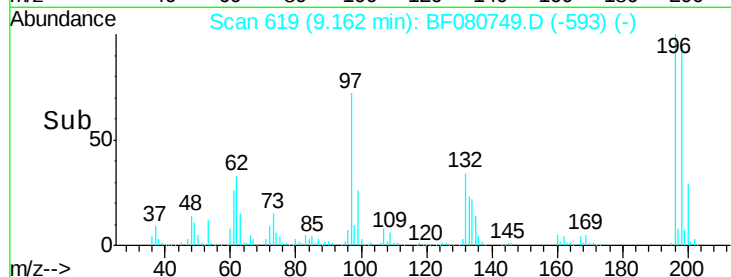
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion:	196	Resp:	230241
Ion Ratio	Lower	Upper	
196	100		
198	94.5	77.8	116.8
97	72.0	49.0	73.4
132	33.9	25.4	38.0

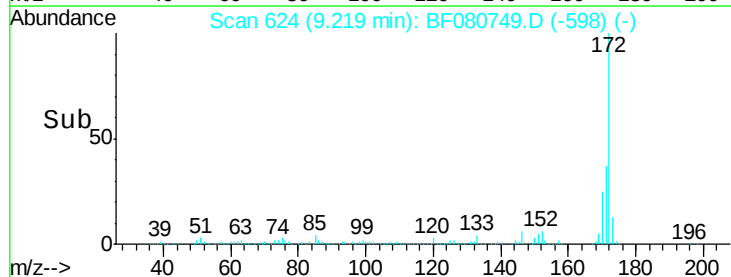
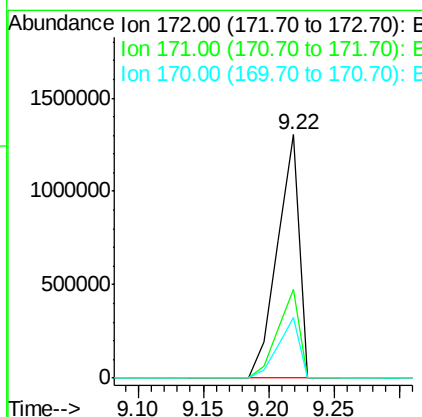
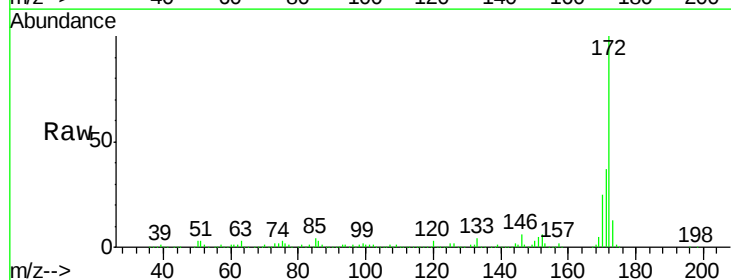
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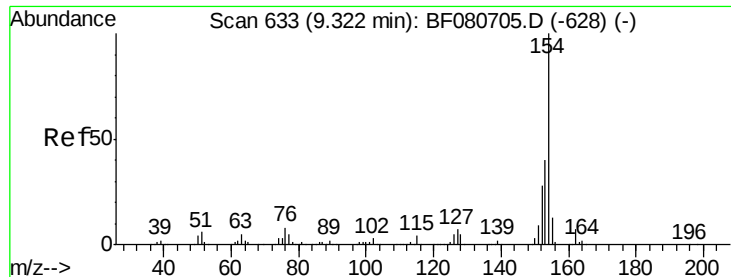
MMDadoda
 8/3/2015 11:55:53 AM



#44
 2-Fluorobiphenyl
 Concen: 97.15 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion:	172	Resp:	1537073
Ion Ratio	Lower	Upper	
172	100		
171	36.6	30.2	45.4
170	24.9	20.2	30.2





#45

1,1'-Biphenyl

Concen: 44.36 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

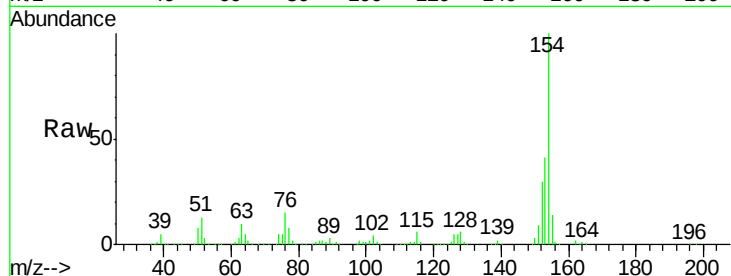
ClientSampleId :

COFF-3RD-2(0-2)MS

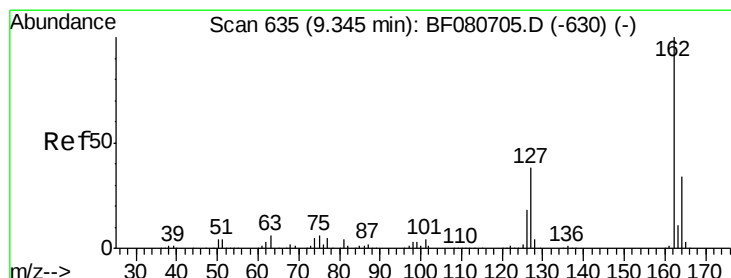
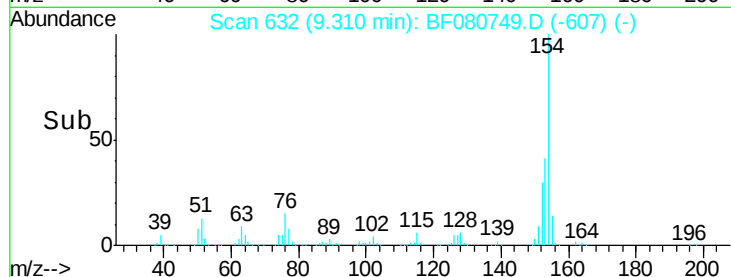
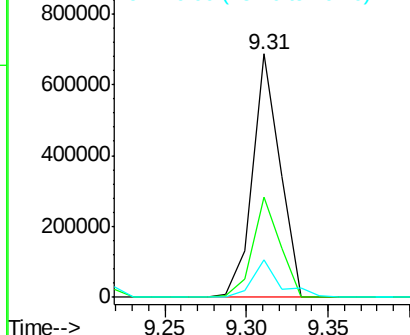
Tgt Ion:	154	Resp:	802853
Ion Ratio	Lower	Upper	
154	100		
153	41.4	19.9	59.9
76	15.3	0.0	28.3

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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: 44.93 ng

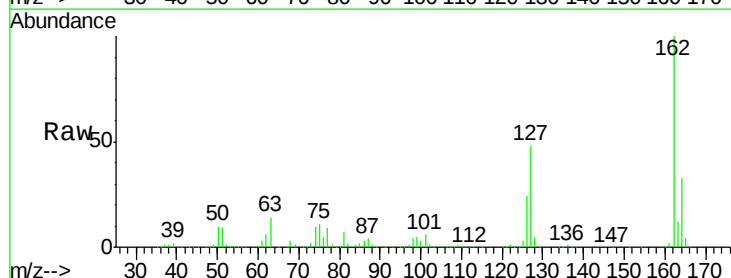
RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

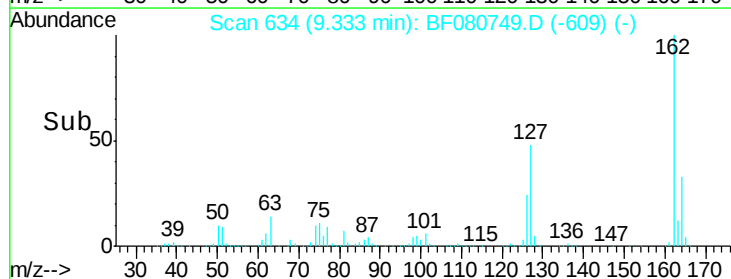
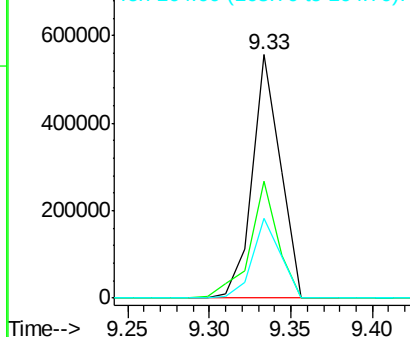
Lab File: BF080749.D

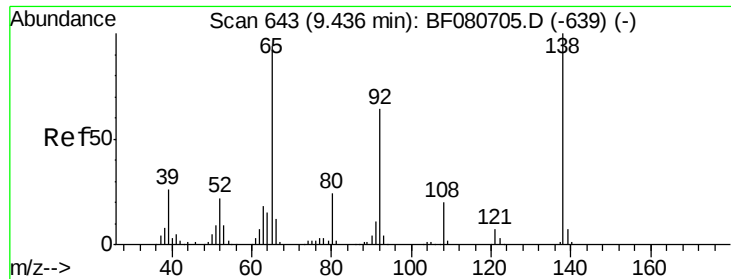
Acq: 31 Jul 2015 22:58

Tgt Ion:	162	Resp:	664106
Ion Ratio	Lower	Upper	
162	100		
127	48.2	30.2	45.4#
164	32.9	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: 51.37 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF080749.D

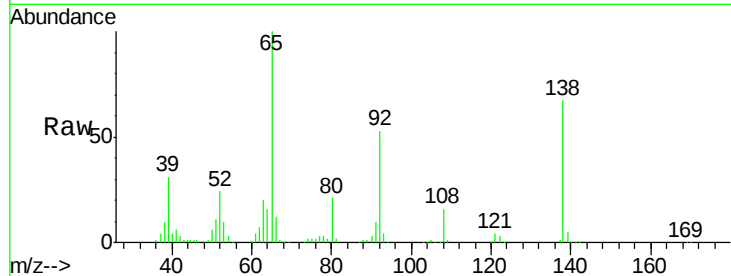
Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 65 Resp: 295438

Ion Ratio Lower Upper

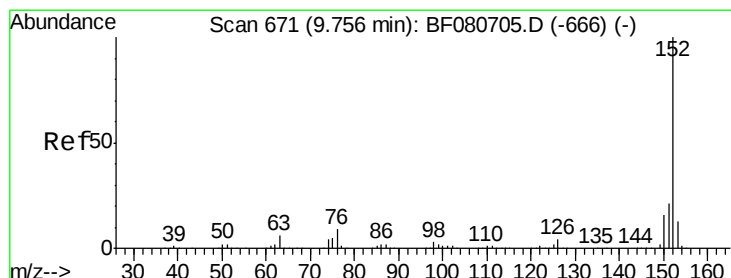
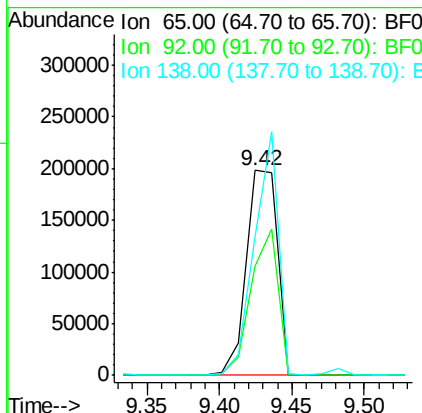
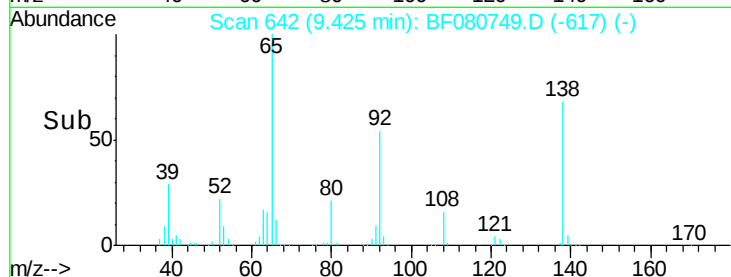
65 100

92 53.5 54.9 82.3#

138 67.3 85.1 127.7#

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#48

Acenaphthylene

Concen: 49.44 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

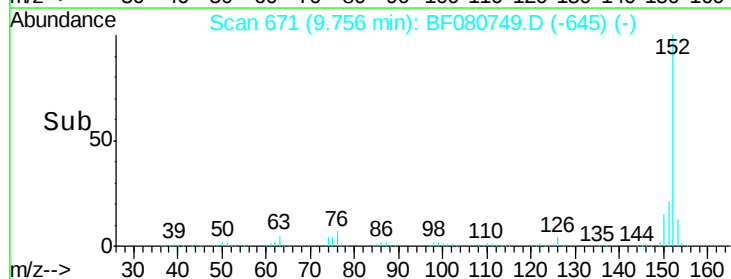
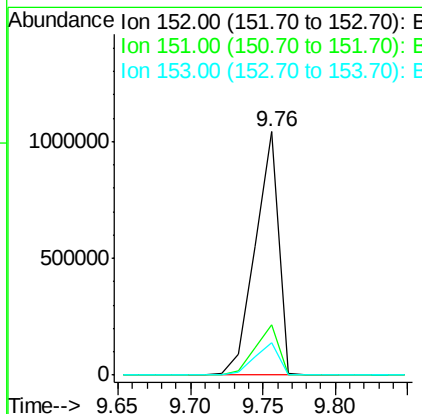
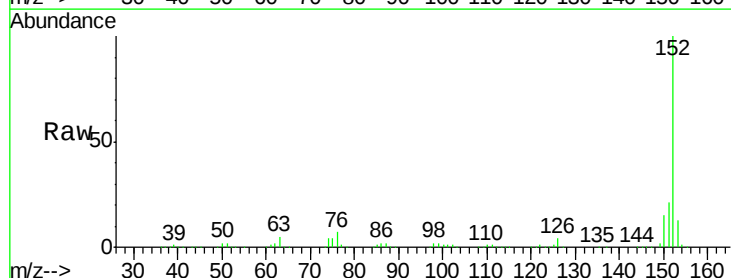
Tgt Ion: 152 Resp: 1162148

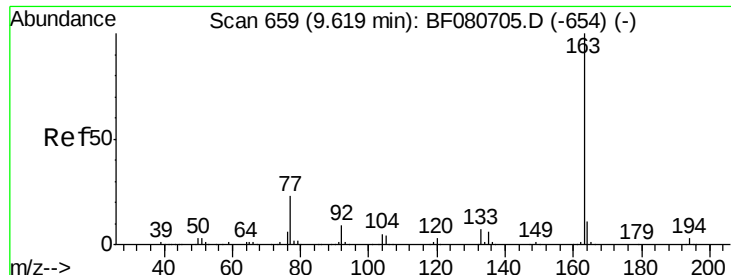
Ion Ratio Lower Upper

152 100

151 20.6 17.0 25.6

153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 68.09 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

COFF-3RD-2(0-2)MS

Tgt Ion:163 Resp: 1132575

Ion Ratio Lower Upper

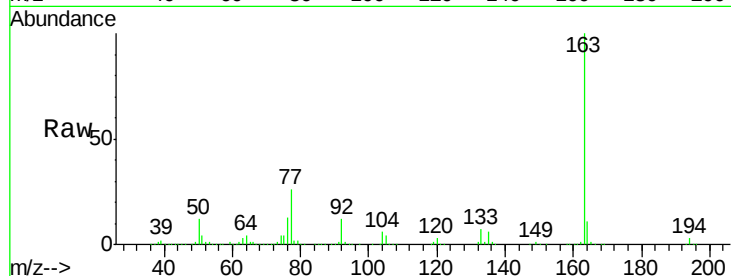
163 100

194 3.3 2.7 4.1

164 10.5 8.7 13.1

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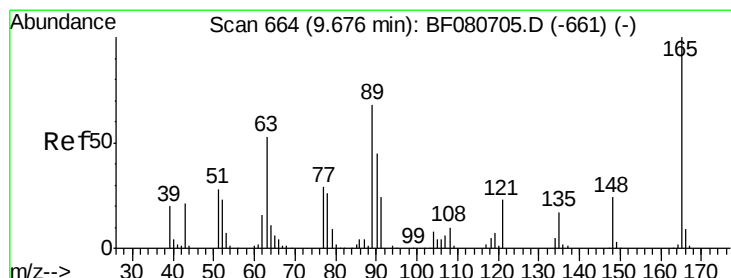
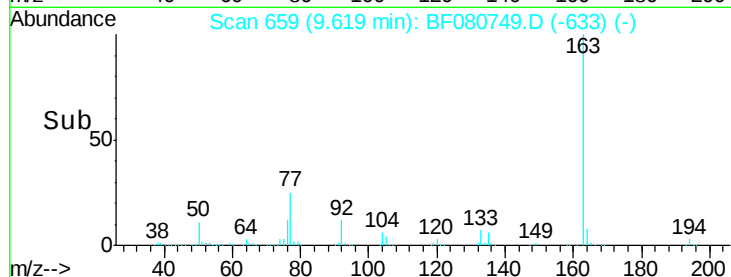
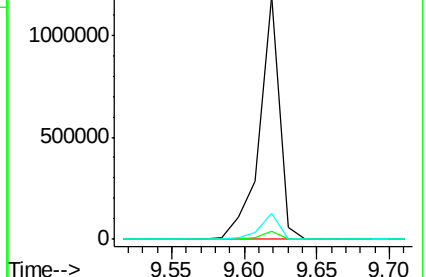
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.55 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

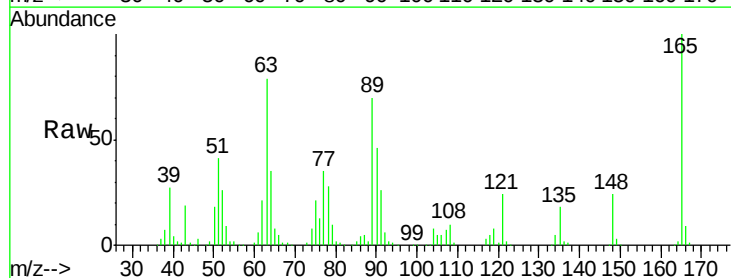
Tgt Ion:165 Resp: 185495

Ion Ratio Lower Upper

165 100

63 79.2 62.3 93.5

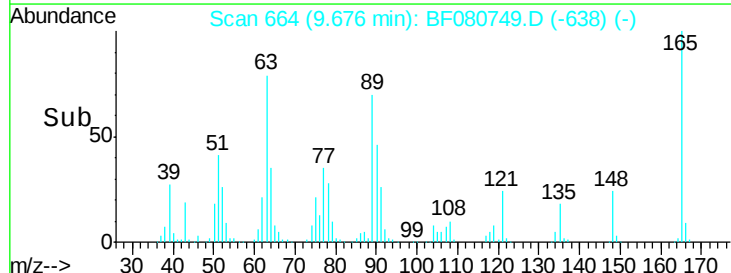
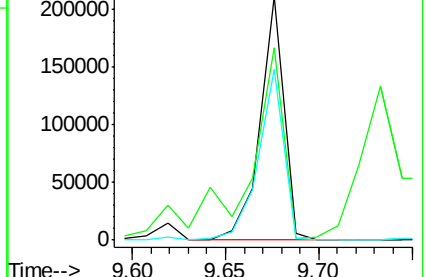
89 70.1 54.8 82.2

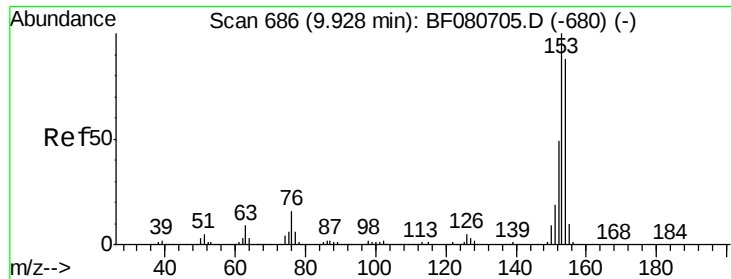


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 50.02 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080749.D

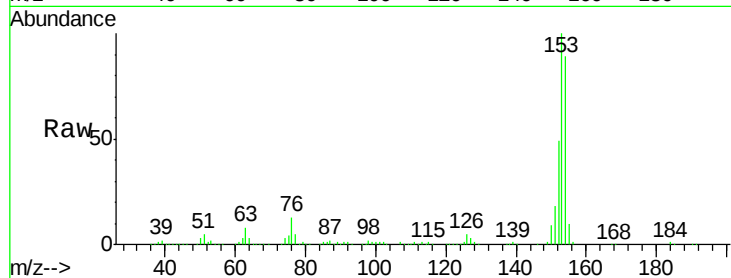
Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

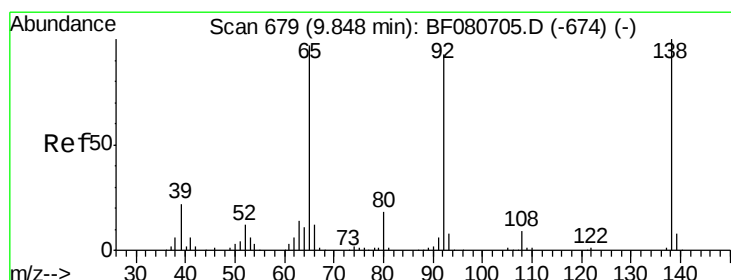
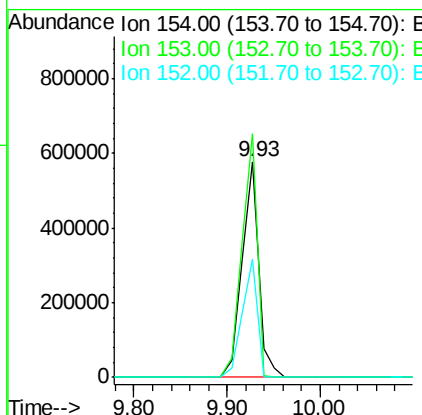
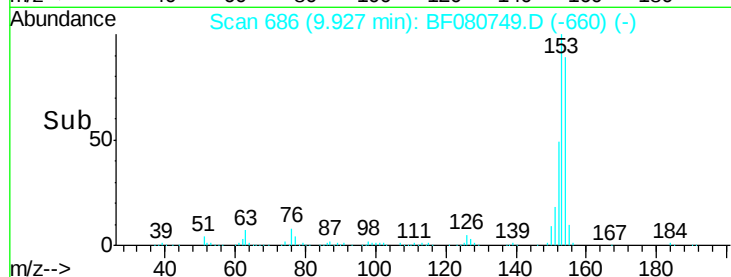
COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.7	136.1
152	55.0	44.2	66.4

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#52

3-Nitroaniline

Concen: 28.24 ng

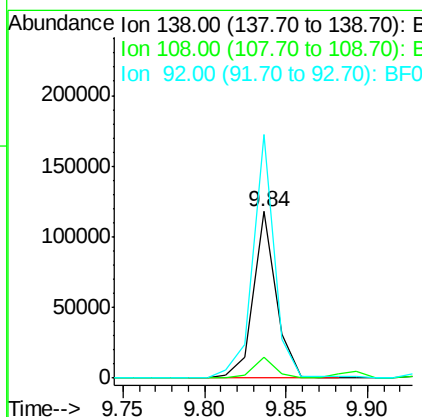
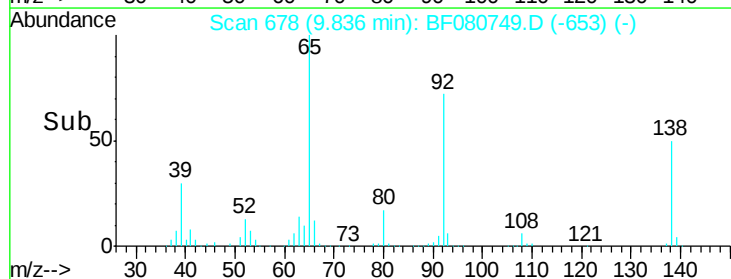
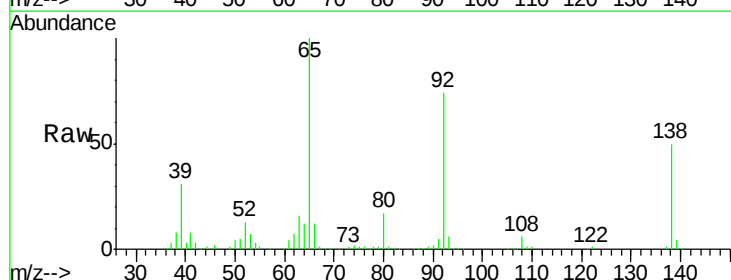
RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.4	6.9	10.3#
92	146.2	74.1	111.1#





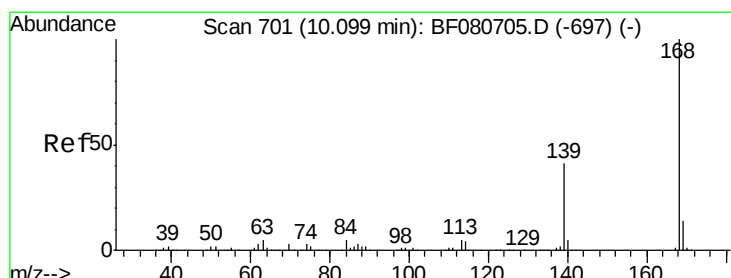
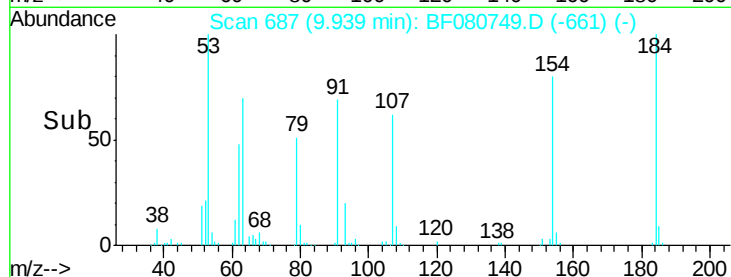
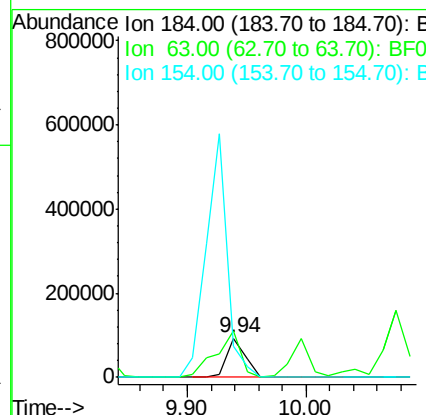
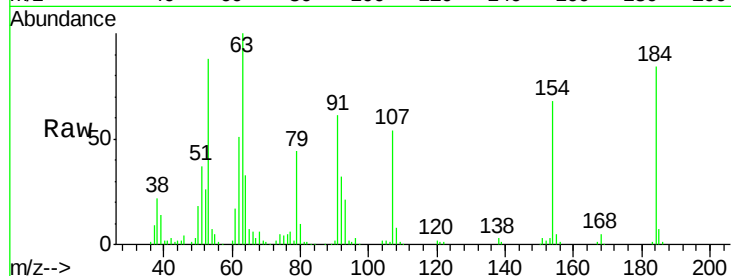
#53
 2,4-Dinitrophenol
 Concen: 53.53 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

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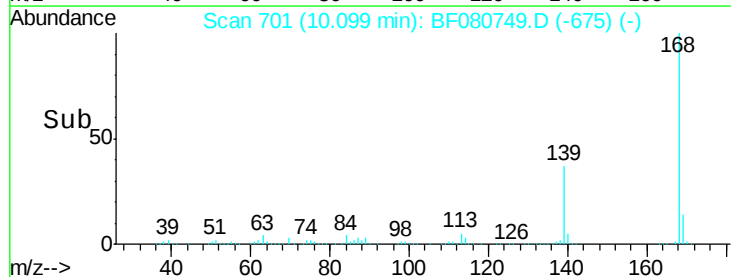
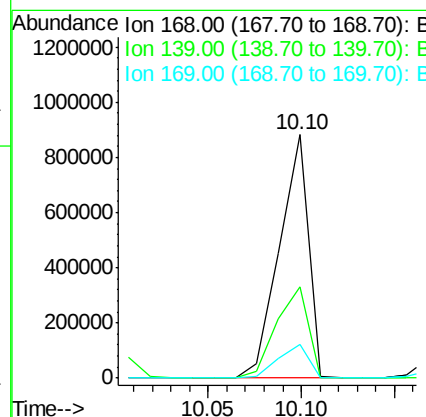
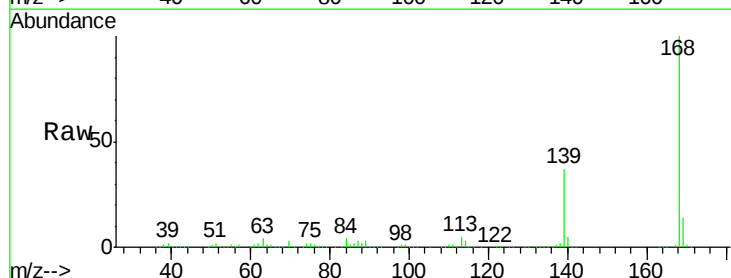
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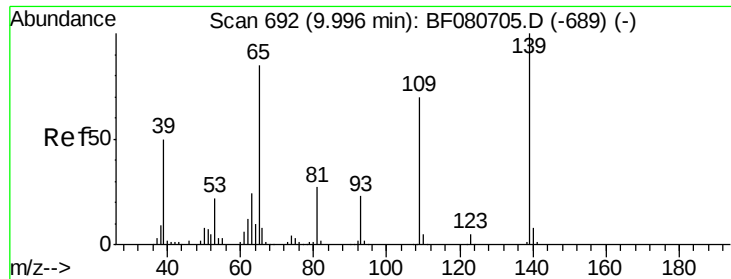
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	100634		
63	119.0	96.0	144.0	
154	80.4	66.0	99.0	



#54
 Dibenzofuran
 Concen: 49.91 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	957287		
139	37.5	33.0	49.6	
169	13.9	11.4	17.2	





#55

4-Nitrophenol

Concen: 81.35 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

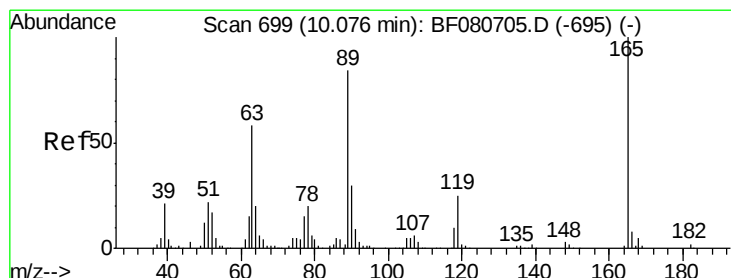
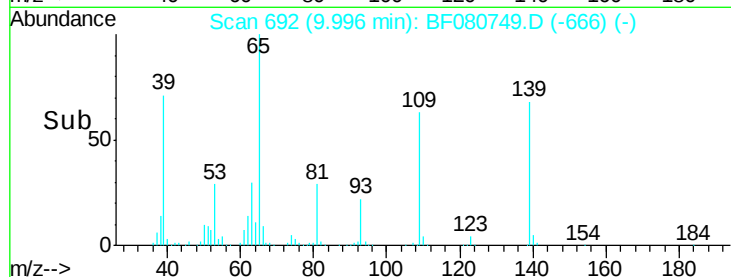
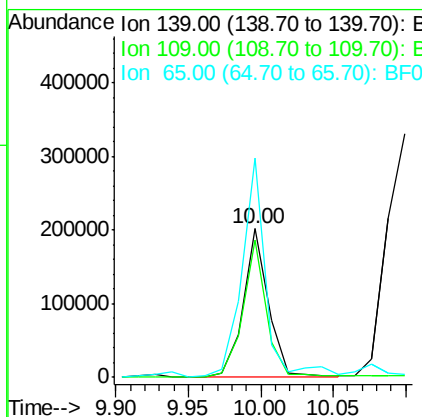
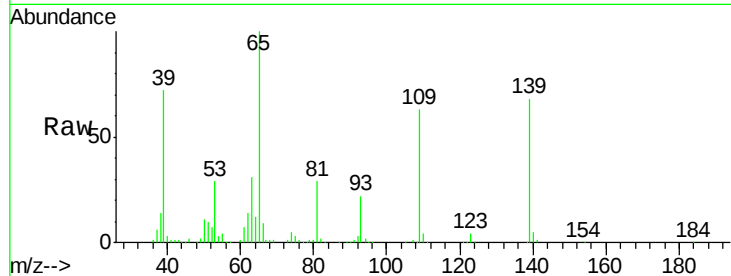
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	244131		
109	92.4	50.4	90.4#	
65	147.4	66.1	106.1#	



#56

2,4-Dinitrotoluene

Concen: 53.88 ng

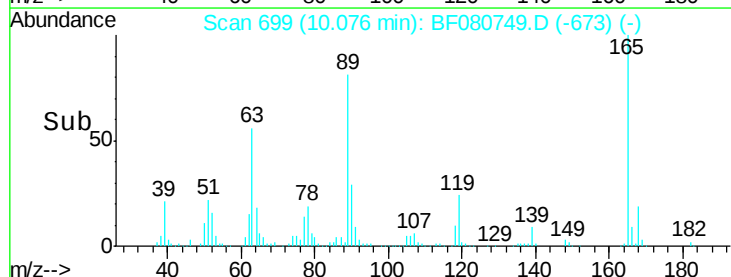
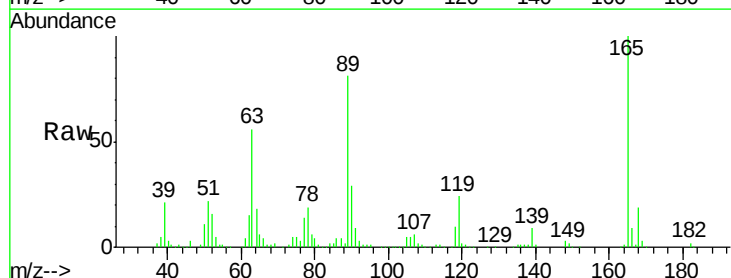
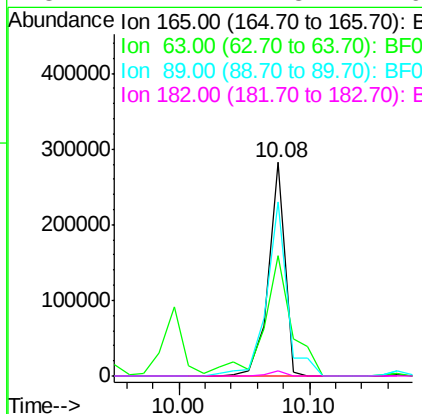
RT: 10.08 min Scan# 699

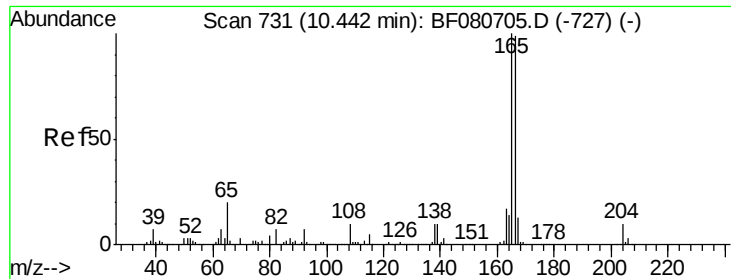
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	249423		
63	56.2	46.7	70.1	
89	81.3	67.4	101.2	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 47.53 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

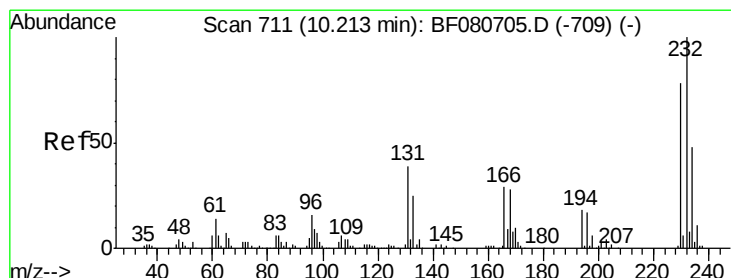
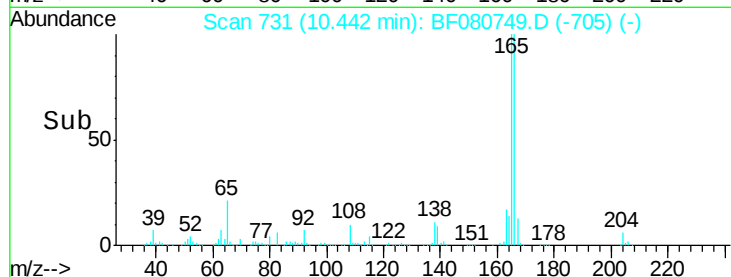
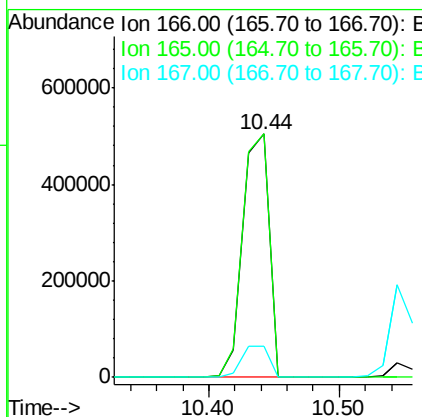
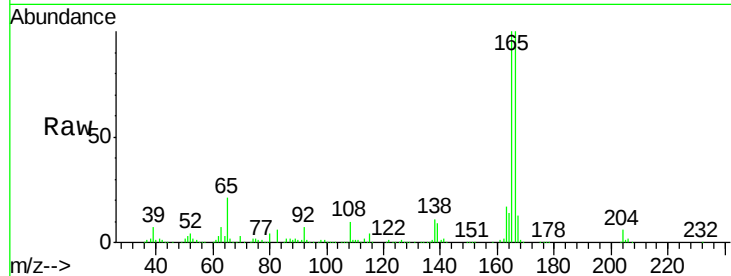
ClientSampleId :

COFF-3RD-2(0-2)MS

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Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	81.0	121.4	
167	12.9	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.72 ng

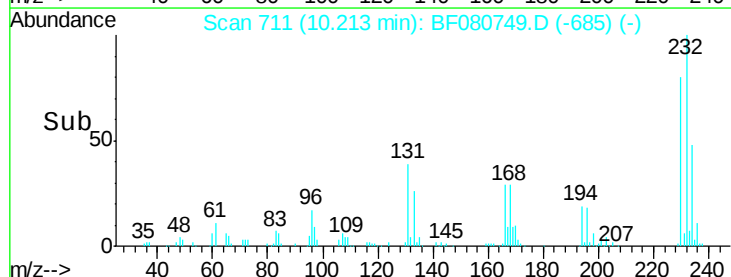
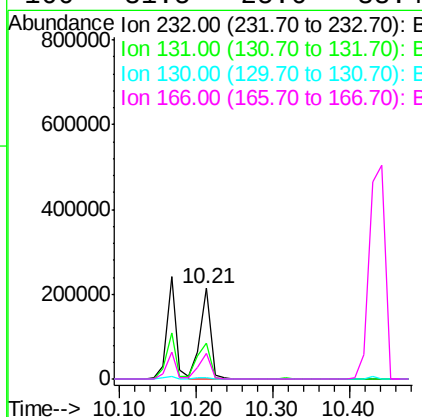
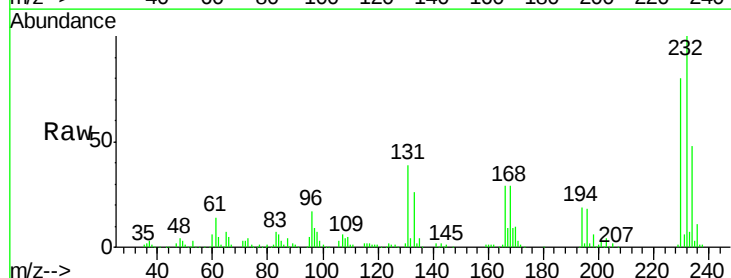
RT: 10.21 min Scan# 711

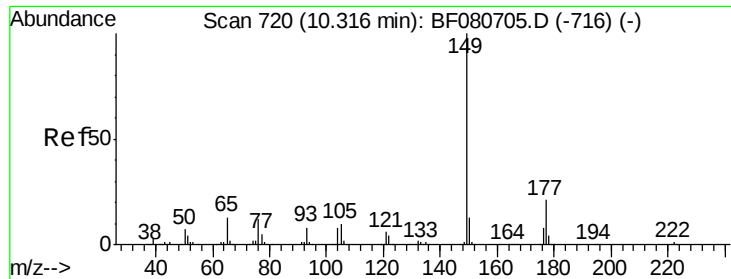
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

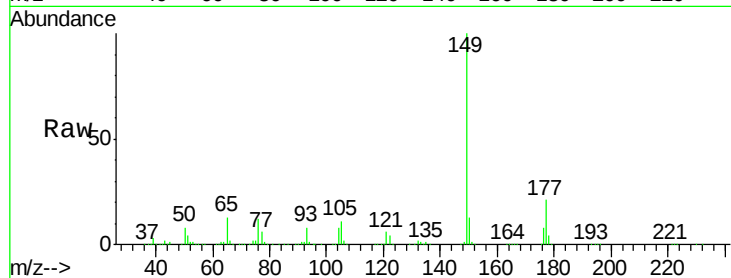
Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	48.8	38.2	57.2	
130	2.6	1.8	2.6	
166	31.5	25.6	38.4	





#59
Diethylphthalate
Concen: 50.24 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

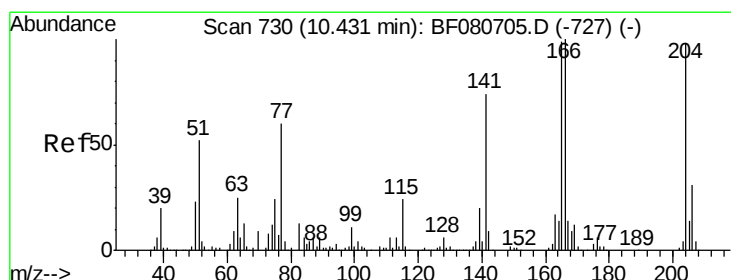
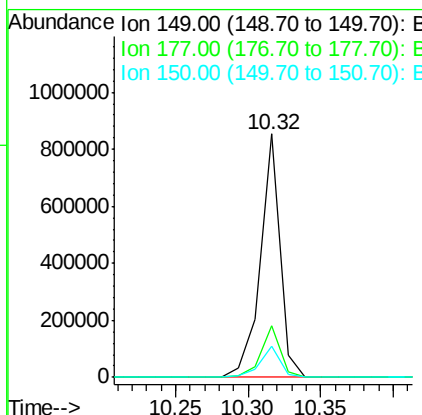
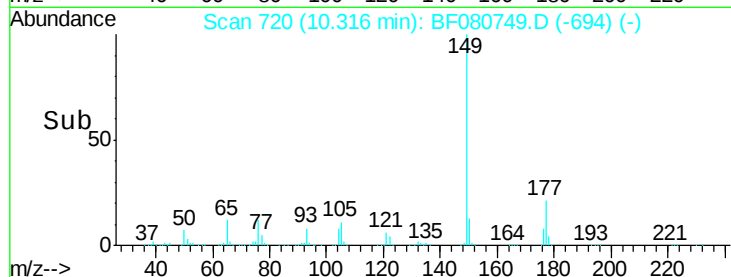
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.6	25.0
150	12.7	10.2	15.4

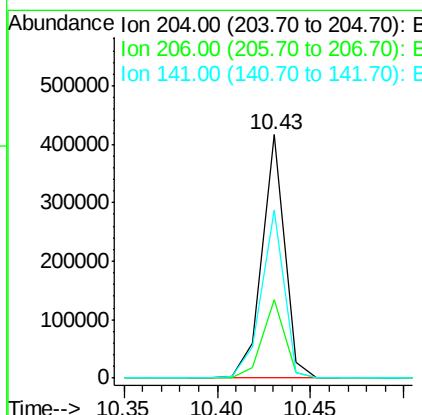
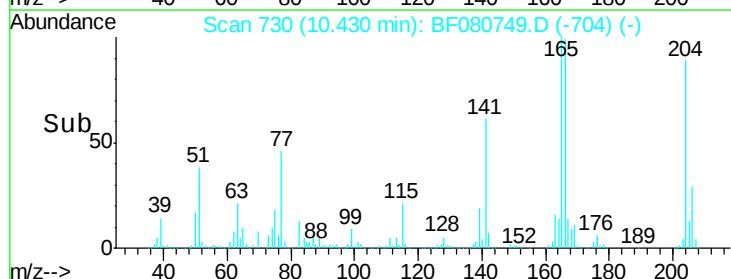
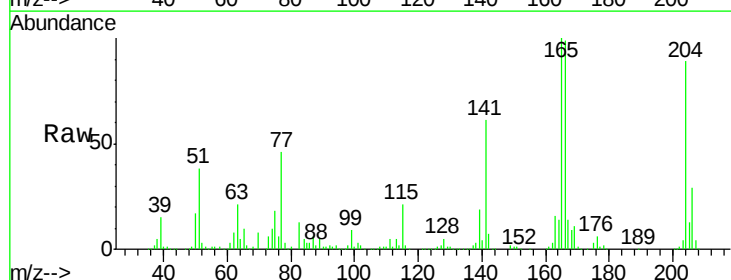
Manual Integrations
APPROVED

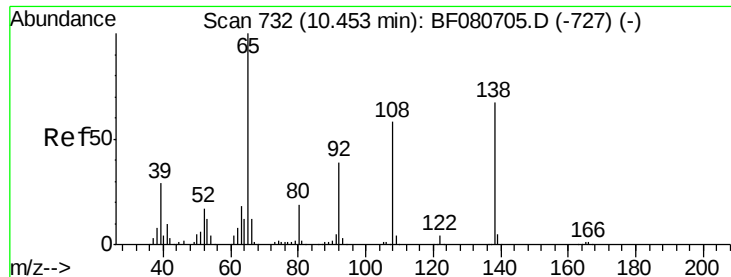
MMDadoda
8/3/2015 11:55:53 AM



#60
4-Chlorophenyl-phenylether
Concen: 54.27 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

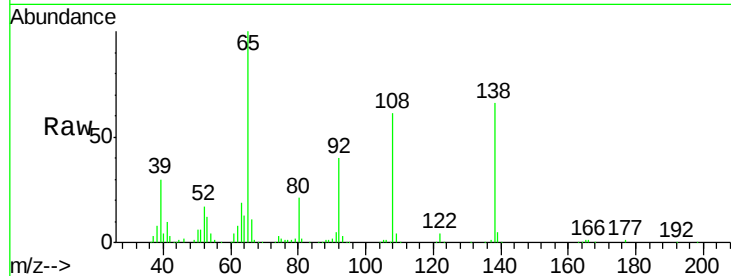
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.1	37.7
141	68.8	60.3	90.5





#61
4-Nitroaniline
Concen: 45.20 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

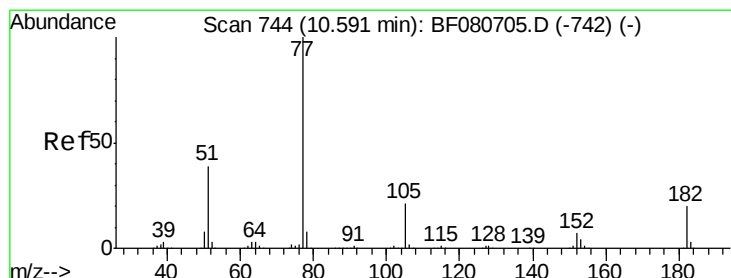
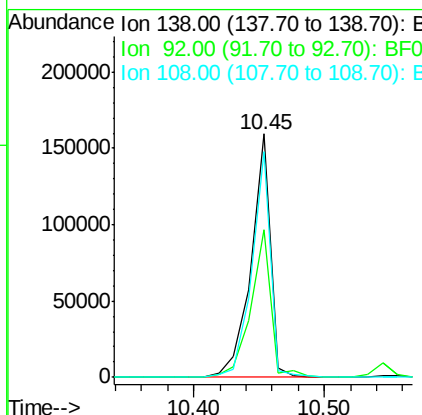
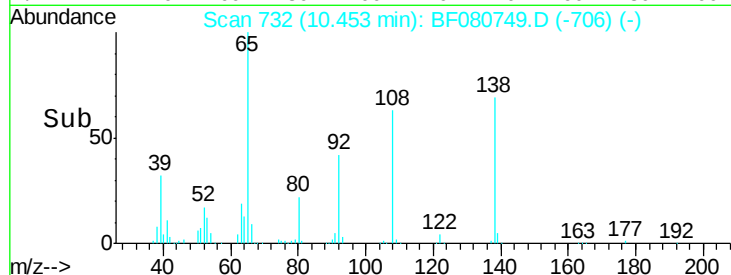
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	166215		
92	60.5	38.2	78.2	
108	92.7	66.3	106.3	

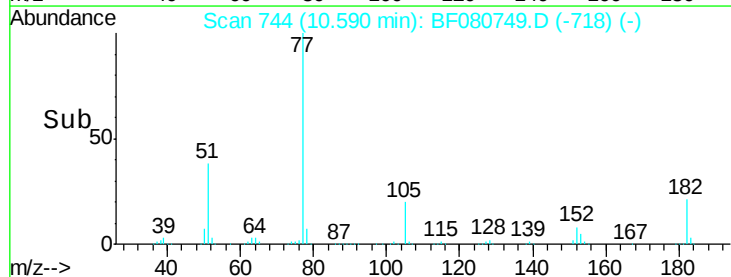
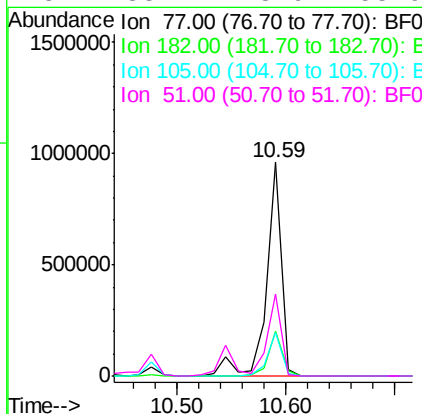
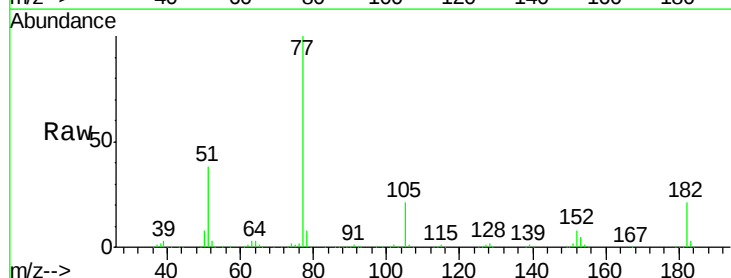
Manual Integrations
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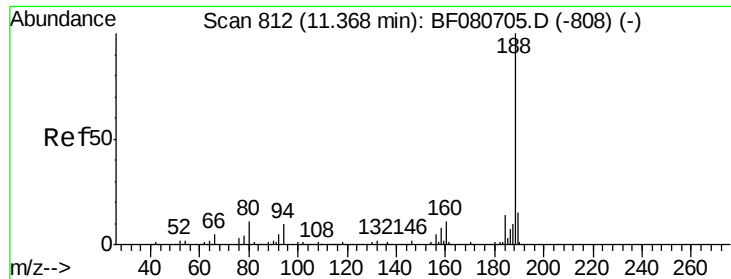
MMDadoda
8/3/2015 11:55:53 AM



#62
Azobenzene
Concen: 54.27 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	942550		
182	20.7	0.0	39.9	
105	20.6	1.1	41.1	
51	38.4	18.9	58.9	





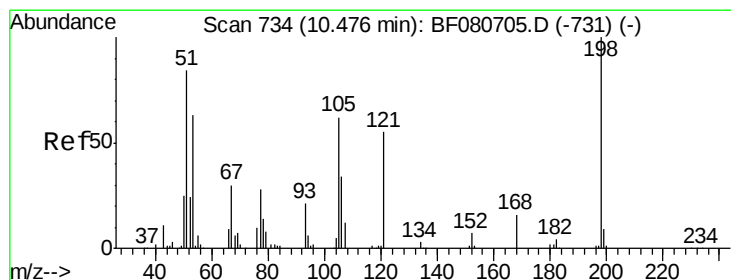
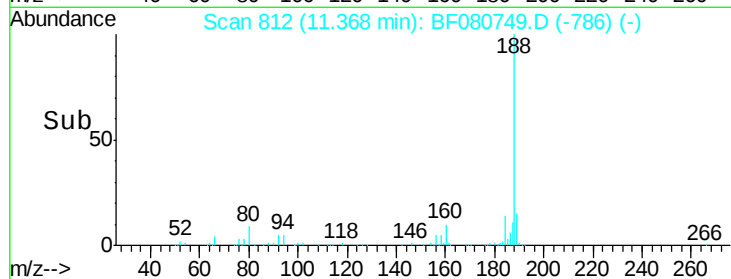
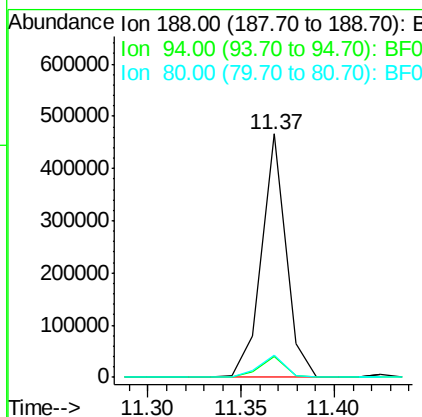
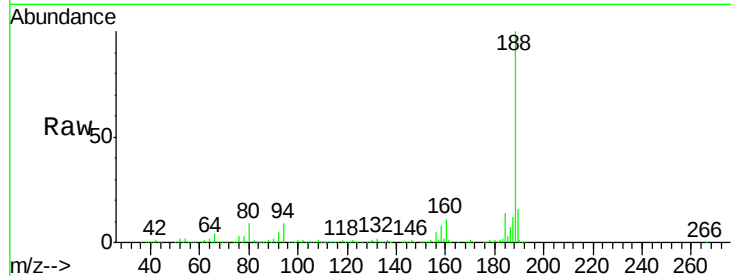
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.1	12.1
80	9.2	9.1	13.7

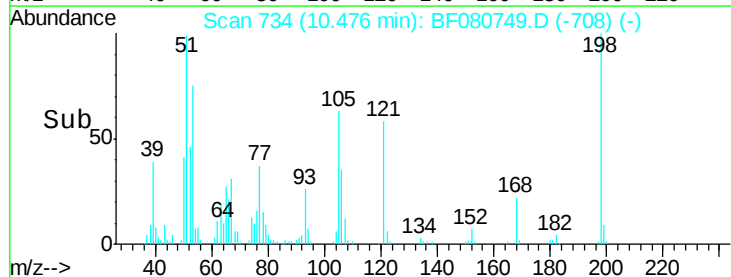
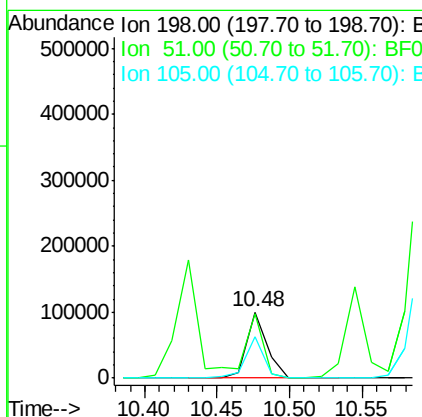
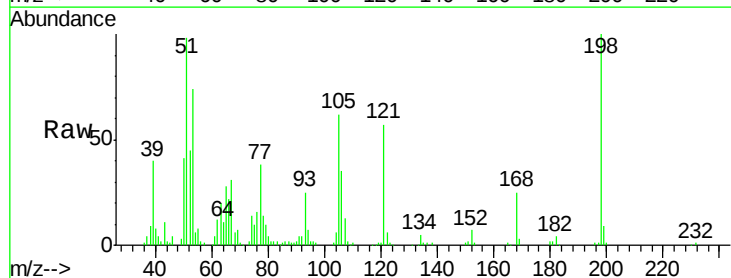
Manual Integrations
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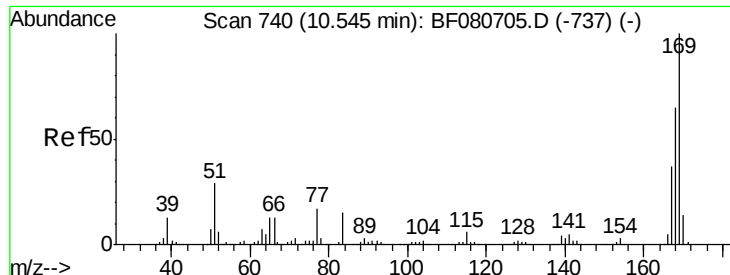
MMDadoda
8/3/2015 11:55:53 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.53 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	98.0	84.6	124.6
105	62.0	43.0	83.0





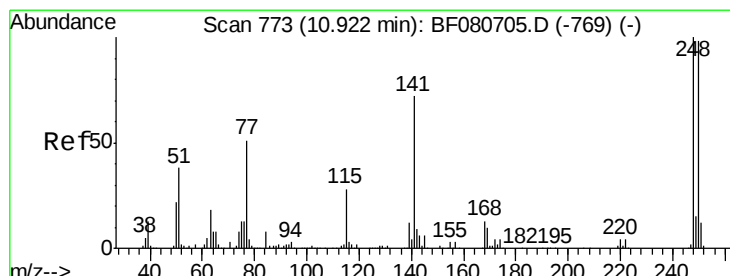
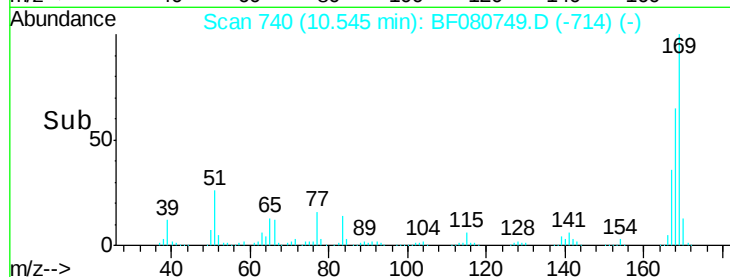
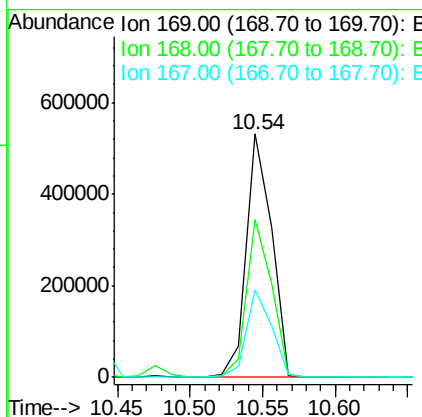
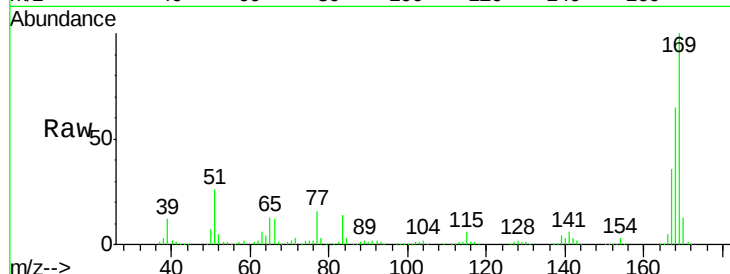
#65
 n-Nitrosodiphenylamine
 Concen: 46.48 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	642314		
168	64.6	52.1	78.1	
167	36.1	29.3	43.9	

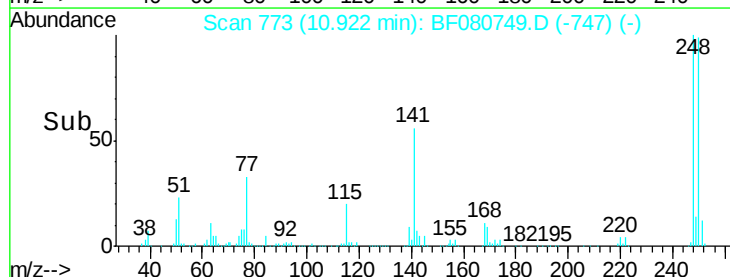
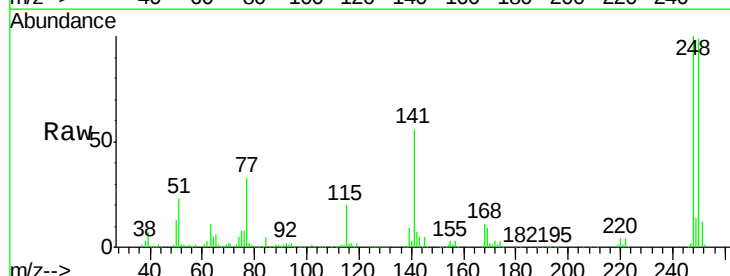
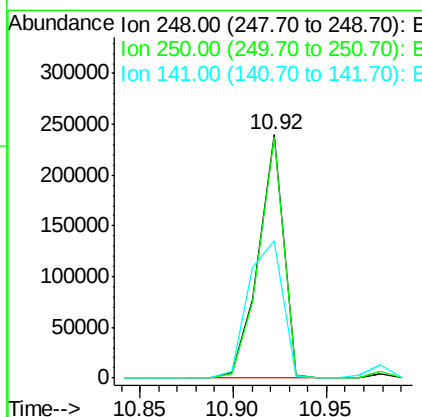
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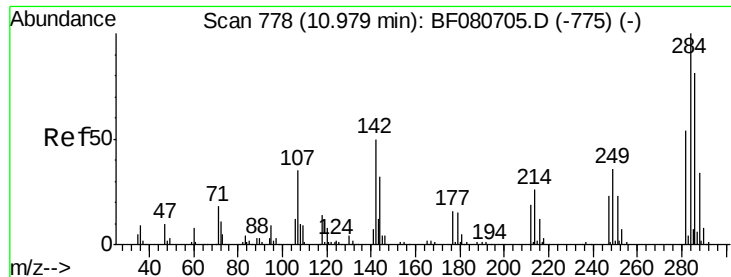
MMDadoda
 8/3/2015 11:55:53 AM



#66
 4-Bromophenyl-phenylether
 Concen: 51.28 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	223152		
250	98.8	78.4	117.6	
141	56.3	57.5	86.3	





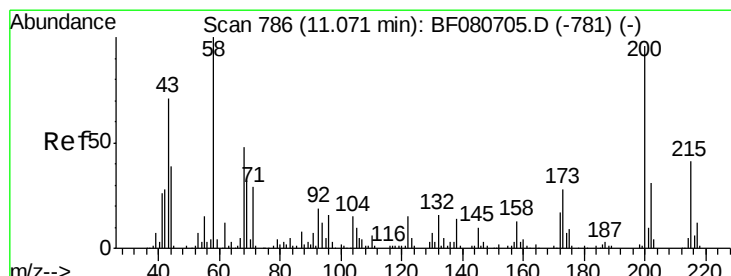
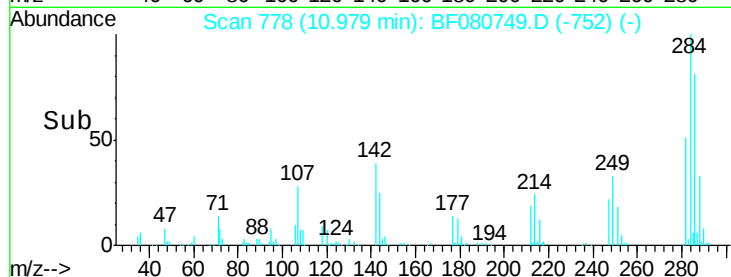
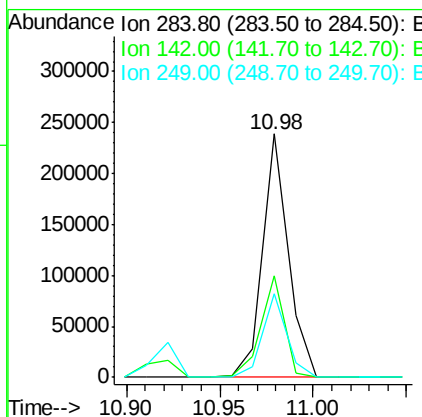
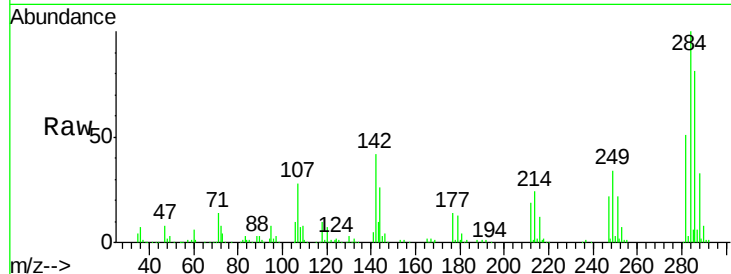
#67
Hexachlorobenzene
Concen: 44.83 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	41.9	39.8	59.6
249	34.2	28.7	43.1

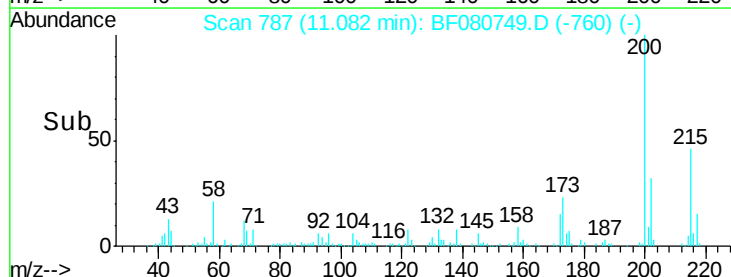
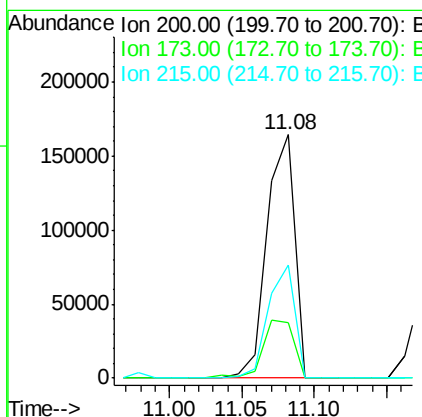
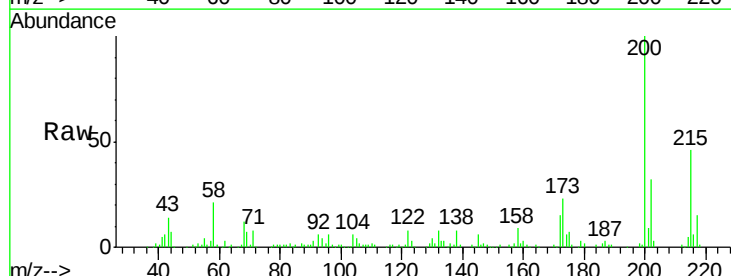
Manual Integrations
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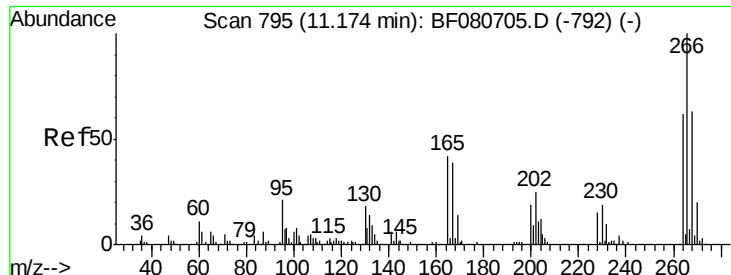
MMDadoda
8/3/2015 11:55:53 AM



#68
Atrazine
Concen: 65.11 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	22.7	8.6	48.6
215	46.4	22.2	62.2





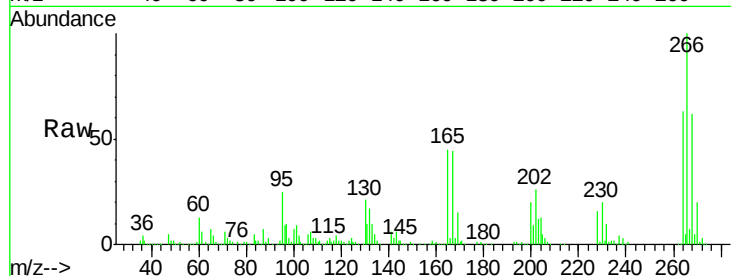
#69
 Pentachlorophenol
 Concen: 88.99 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

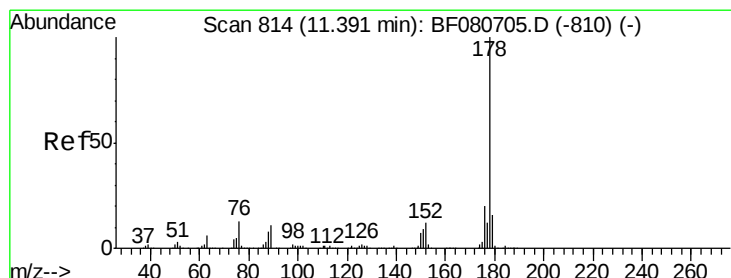
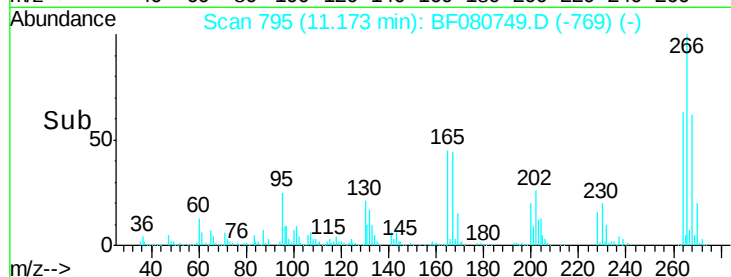
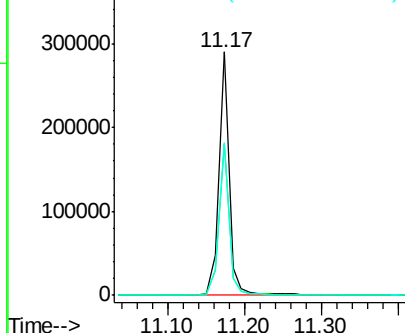
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	270931		
268	62.2	50.5	75.7	
264	62.9	50.0	75.0	

Manual Integrations
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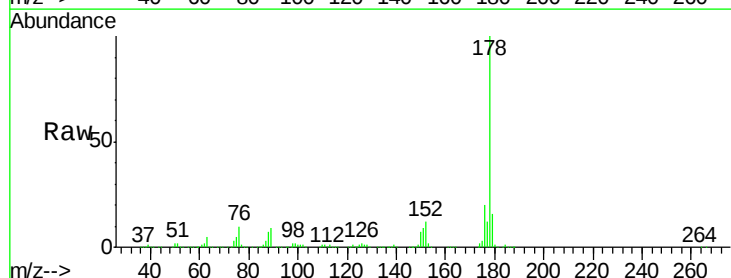


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

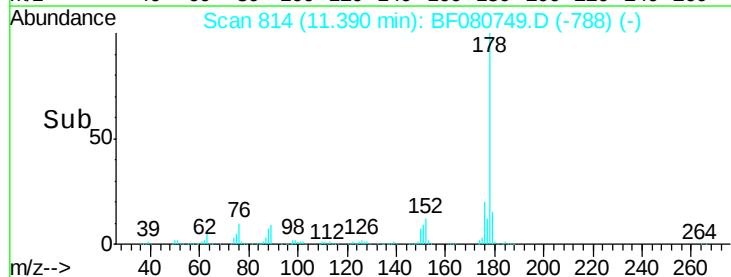
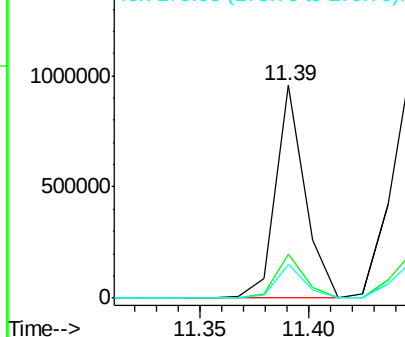


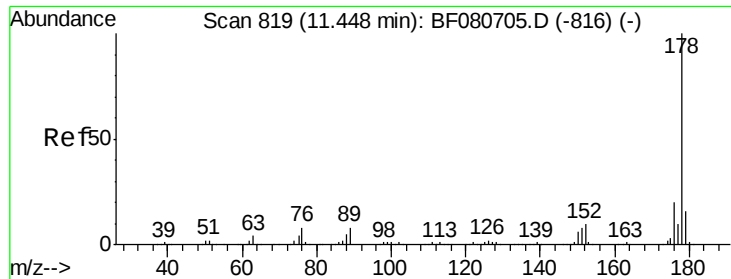
#70
 Phenanthrene
 Concen: 42.32 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	898666		
176	20.4	16.2	24.4	
179	15.7	13.0	19.4	



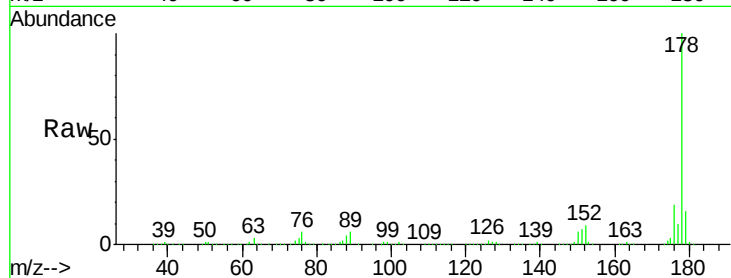
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71
 Anthracene
 Concen: 51.22 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

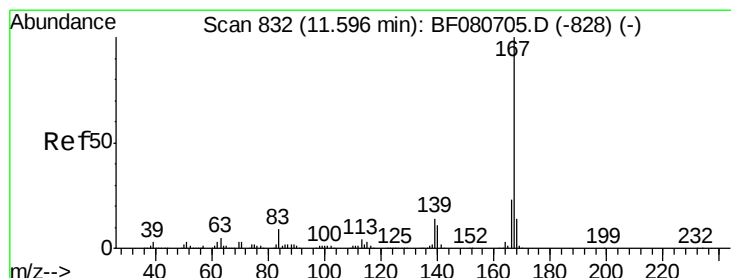
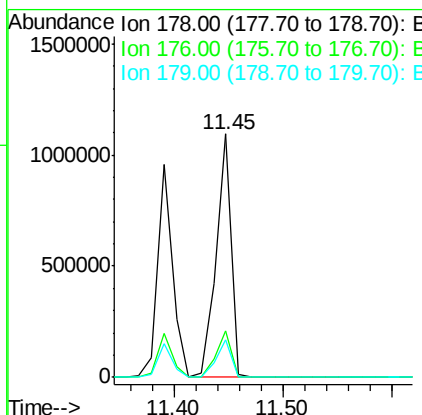
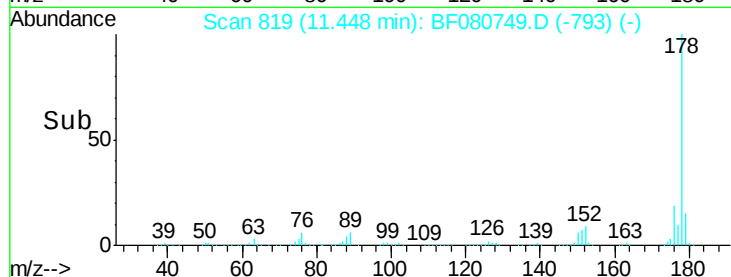
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.5	12.7	19.1

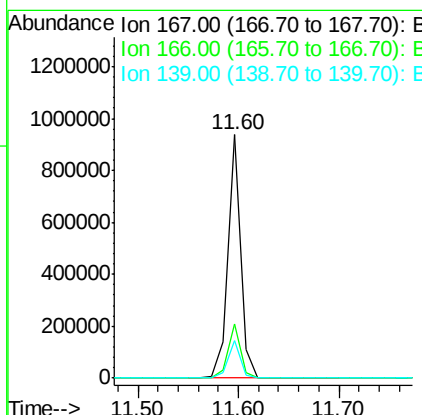
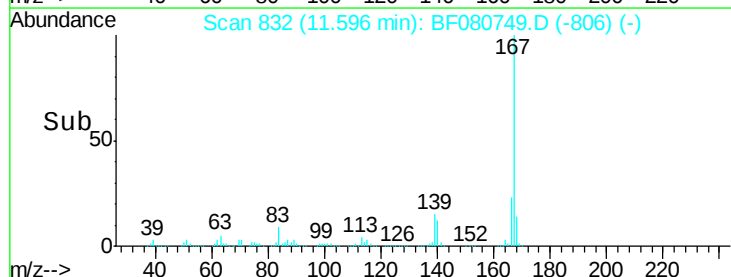
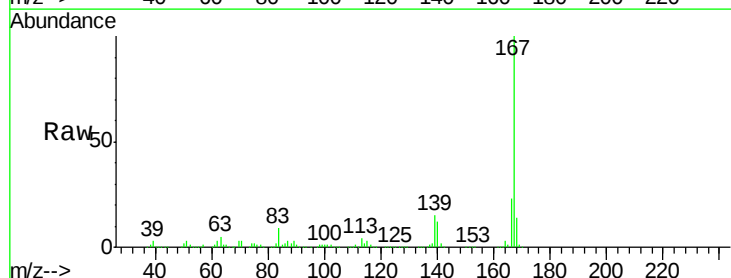
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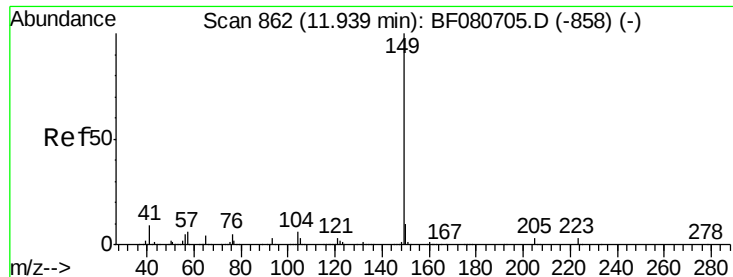
MMDadoda
 8/3/2015 11:55:53 AM



#72
 Carbazole
 Concen: 45.58 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	15.4	11.5	17.3





#73

Di-n-butylphthalate

Concen: 49.34 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

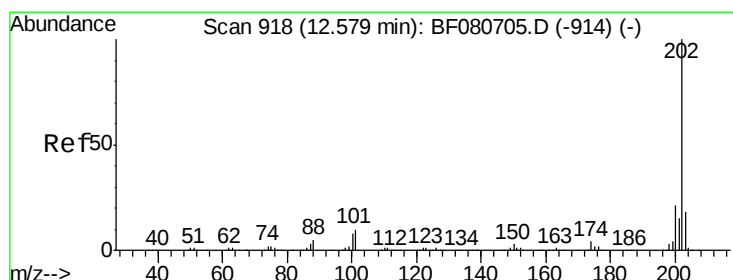
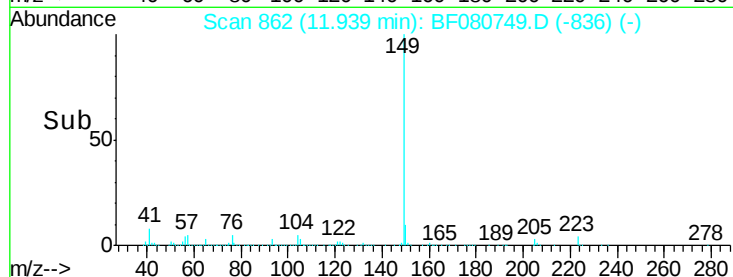
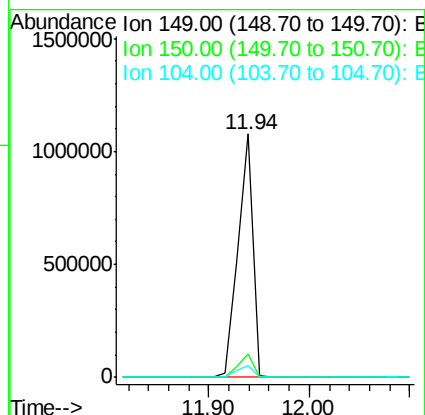
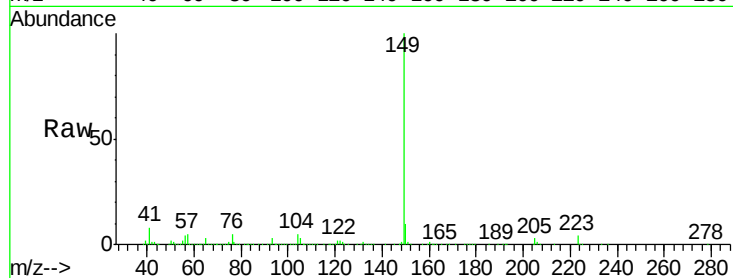
ClientSampleId :

COFF-3RD-2(0-2)MS

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Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.0	4.4	6.6



#74

Fluoranthene

Concen: 47.55 ng

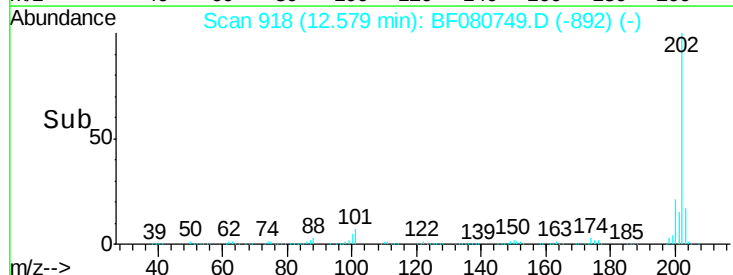
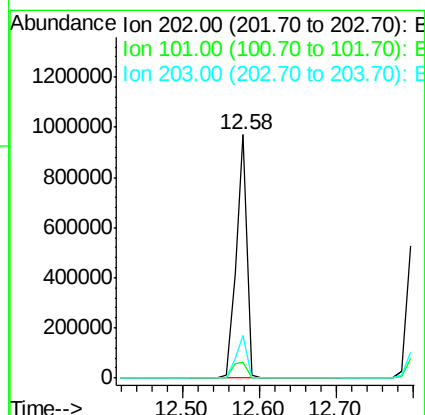
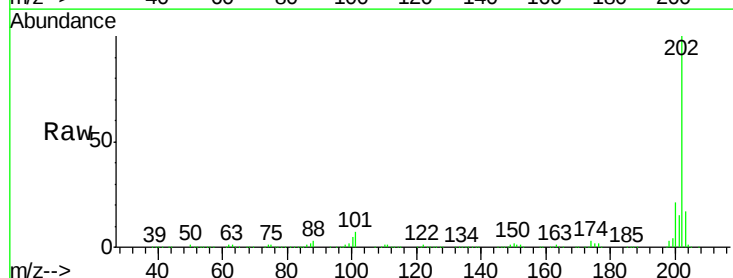
RT: 12.58 min Scan# 918

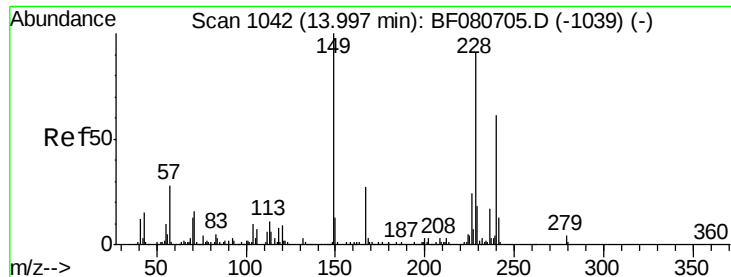
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	0.0	29.6
203	17.3	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: BF080749.D

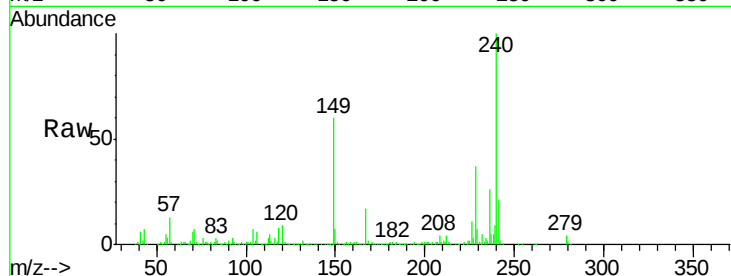
Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

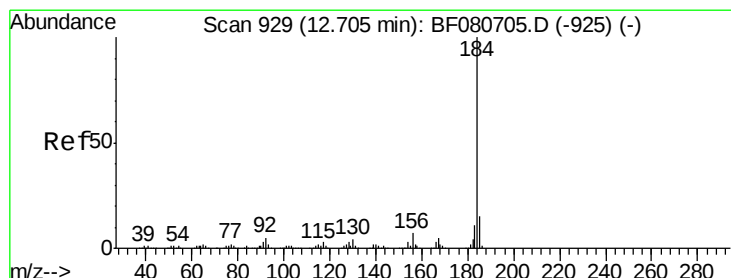
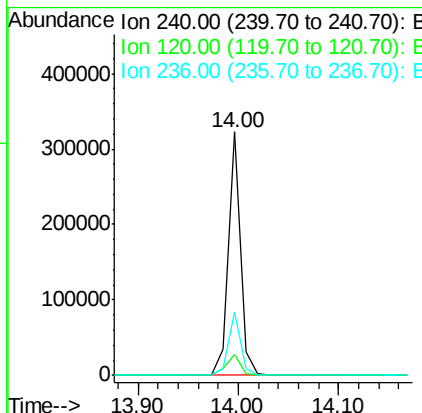
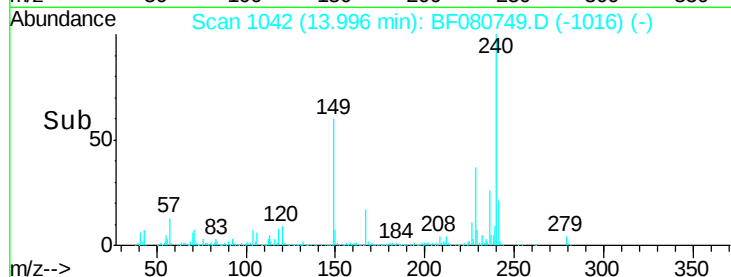
COFF-3RD-2(0-2)MS



Tgt Ion:	240	Resp:	269942
Ion Ratio	Lower	Upper	
240	100		
120	8.8	11.8	17.8#
236	25.9	21.8	32.8

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#76

Benzidine

Concen: 26.95 ng

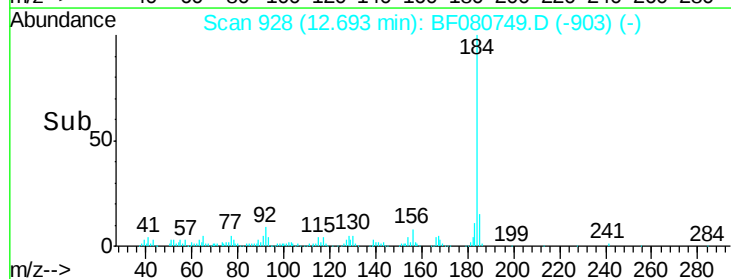
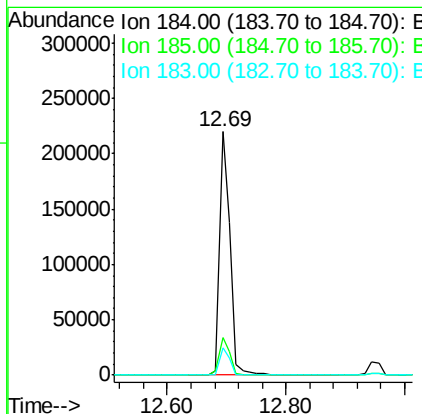
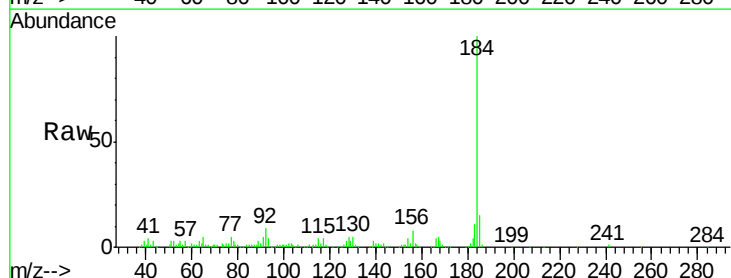
RT: 12.69 min Scan# 928

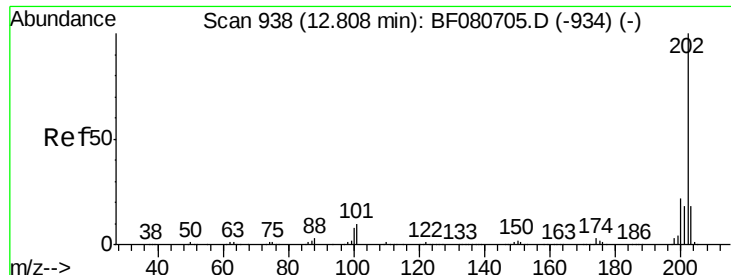
Delta R.T. -0.01 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

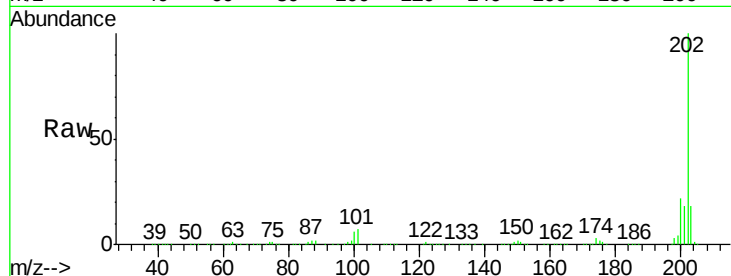
Tgt Ion:	184	Resp:	264870
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.0	18.0
183	11.4	9.1	13.7





#77
Pyrene
 Concen: 45.59 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

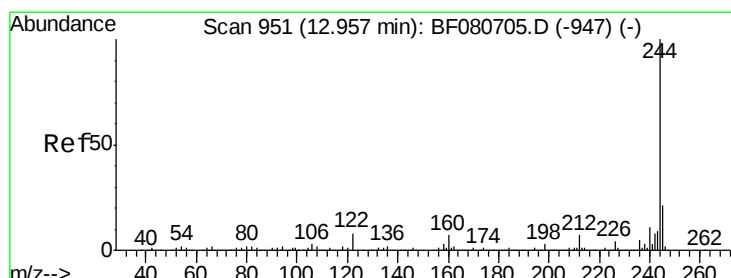
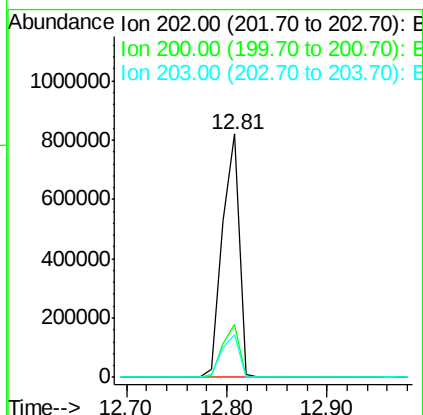
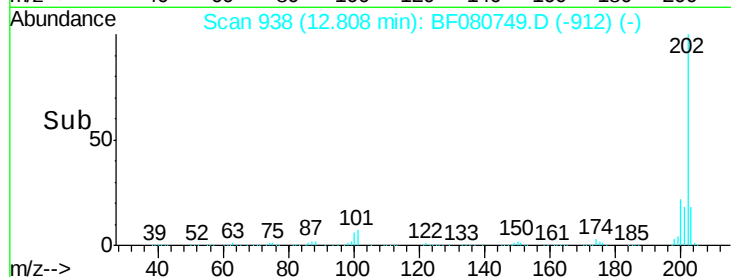
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.5	14.2	21.2

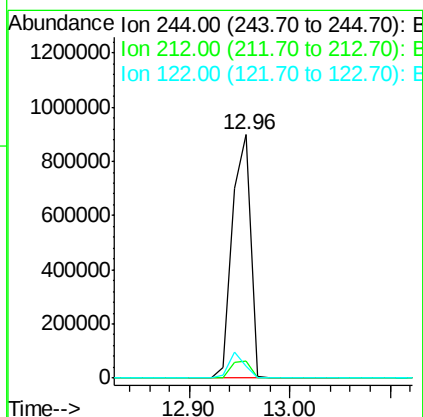
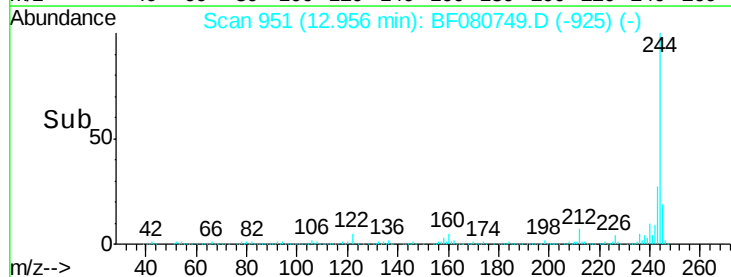
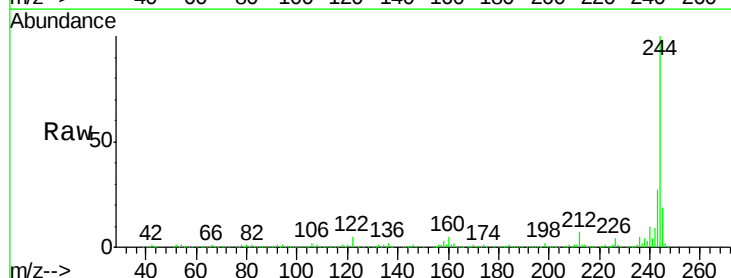
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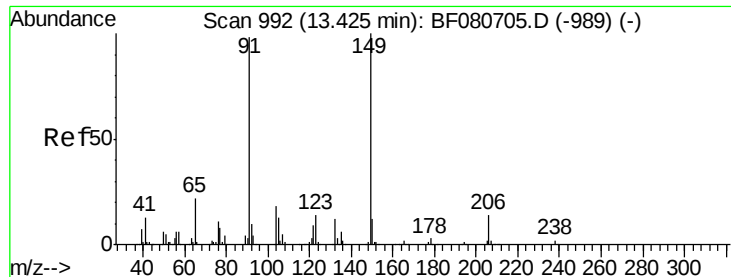
MMDadoda
 8/3/2015 11:55:53 AM



#78
Terphenyl-d14
 Concen: 79.31 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	5.1	6.6	9.8#





#79

Butylbenzylphthalate

Concen: 43.38 ng

RT: 13.42 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Instrument :

BNA_F

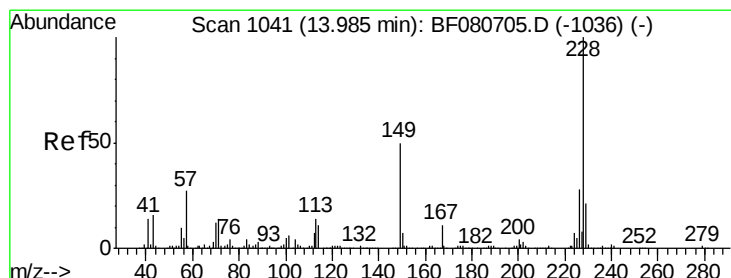
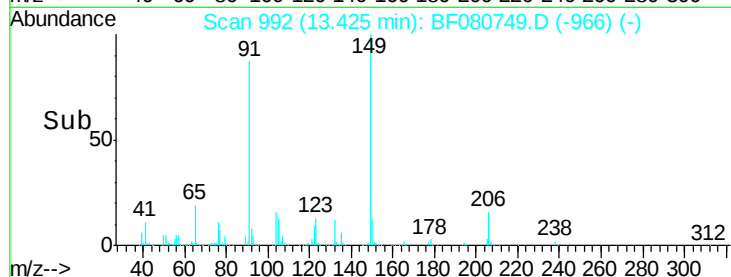
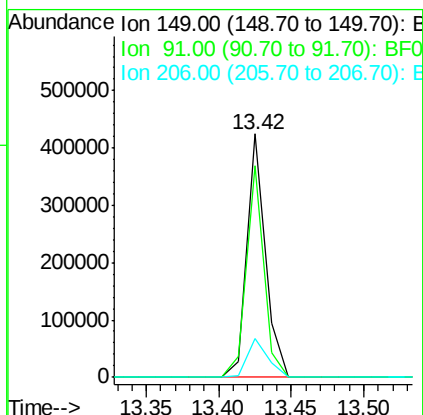
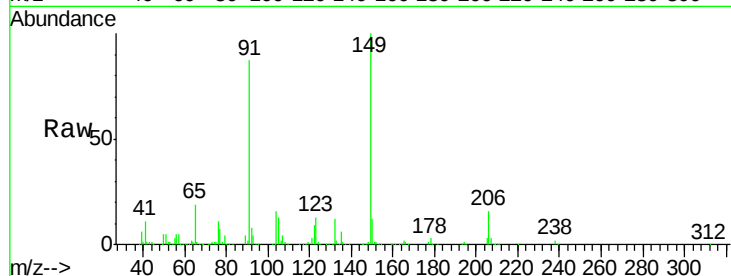
ClientSampleId :

COFF-3RD-2(0-2)MS

Manual Integrations
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8/3/2015 11:55:53 AM

Tgt Ion:	149	Resp:	376218
Ion Ratio	Lower	Upper	
149	100		
91	86.9	78.6	118.0
206	15.8	11.4	17.2



#80

Benzo(a)anthracene

Concen: 41.00 ng

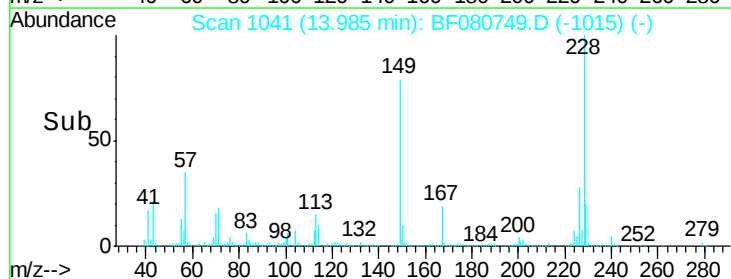
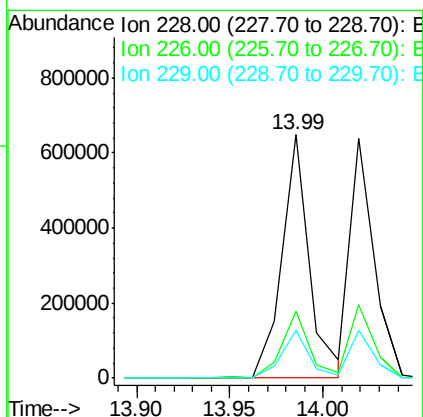
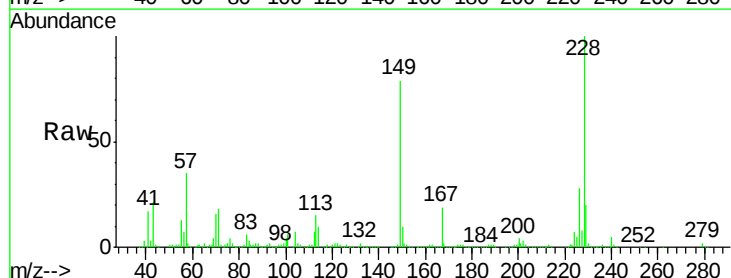
RT: 13.99 min Scan# 1041

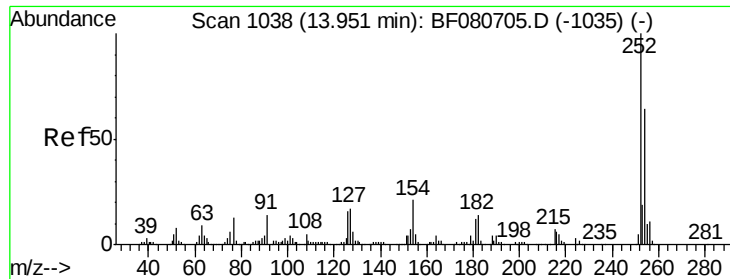
Delta R.T. -0.00 min

Lab File: BF080749.D

Acq: 31 Jul 2015 22:58

Tgt Ion:	228	Resp:	665674
Ion Ratio	Lower	Upper	
228	100		
226	27.7	22.6	33.8
229	19.6	16.6	25.0





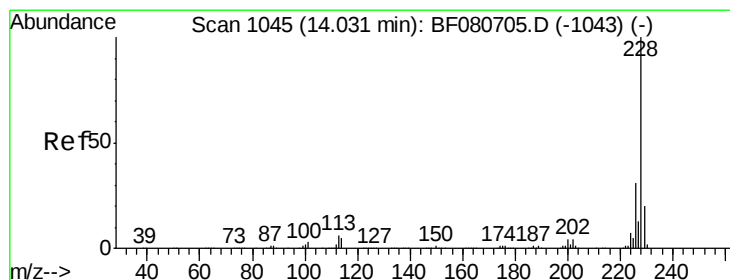
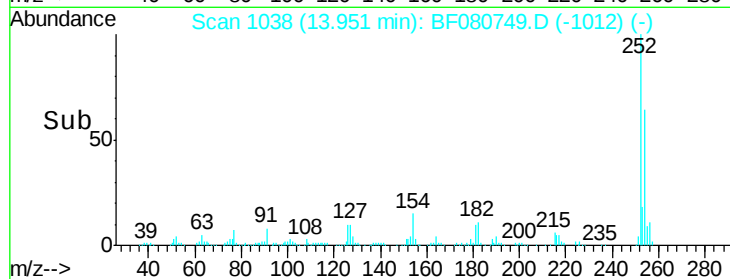
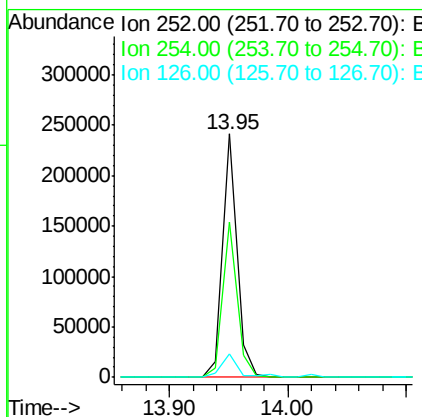
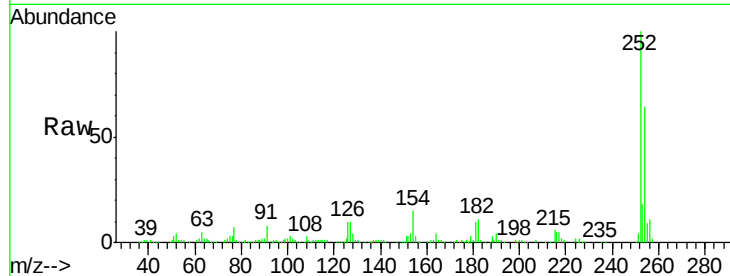
#81
 3,3'-Dichlorobenzidine
 Concen: 36.52 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.5	51.0	76.4
126	9.8	13.2	19.8

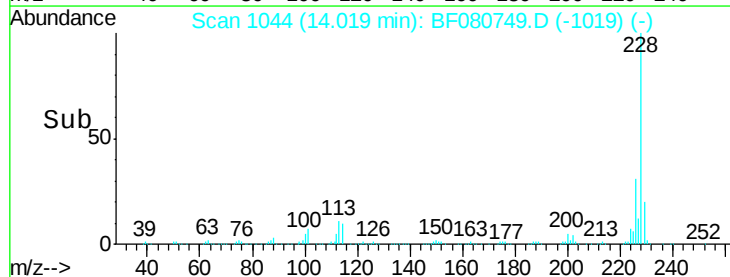
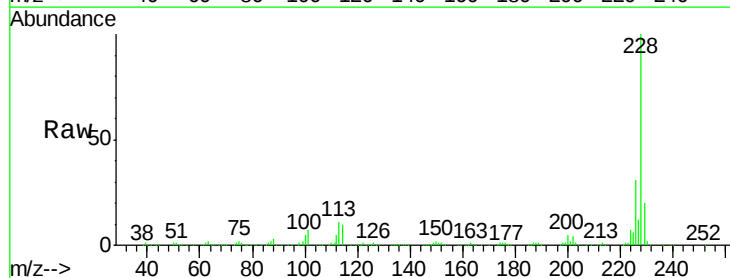
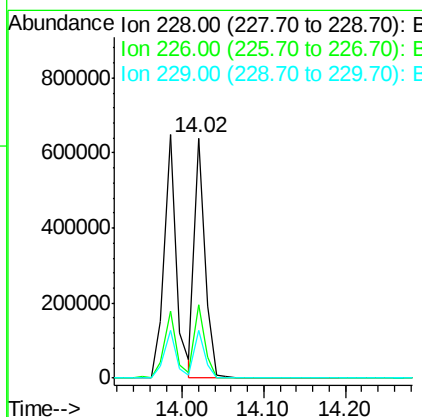
Manual Integrations
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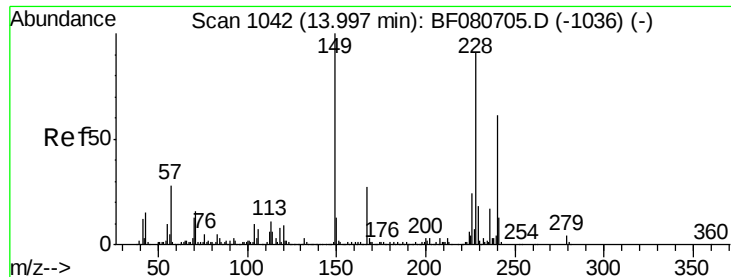
MMDadoda
 8/3/2015 11:55:53 AM



#82
 Chrysene
 Concen: 37.08 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.9	25.1	37.7
229	19.8	15.8	23.8





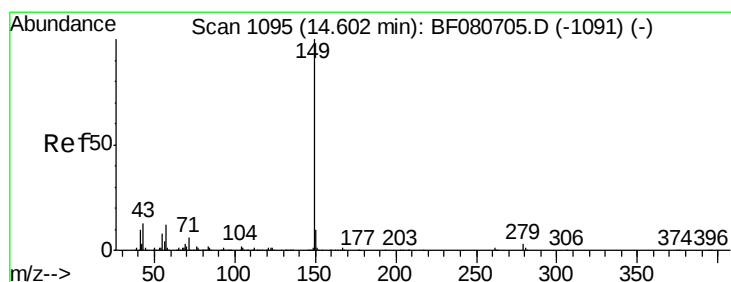
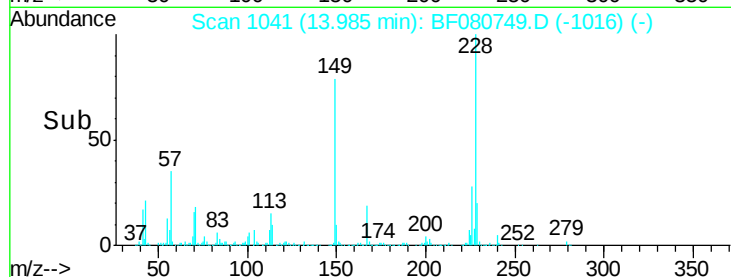
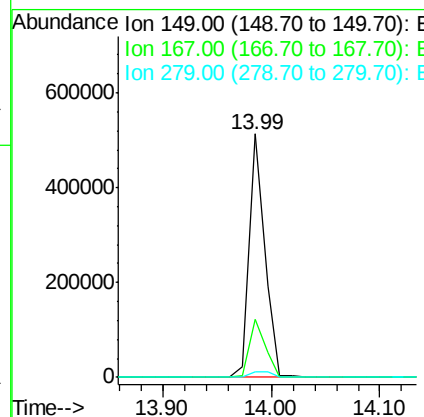
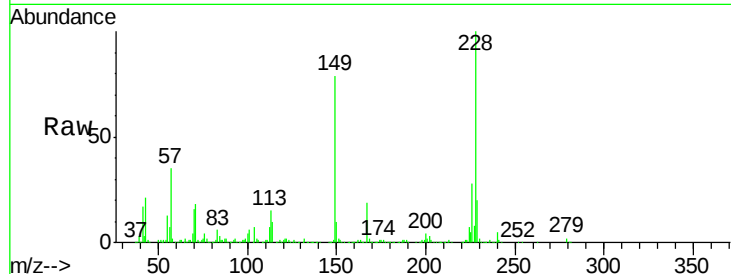
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.61 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	506661		
167	24.0	21.8	32.8	
279	2.1	3.4	5.0	

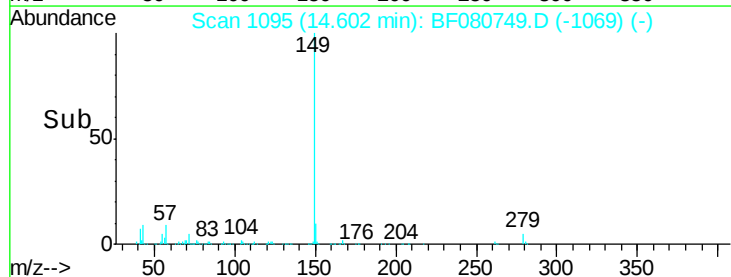
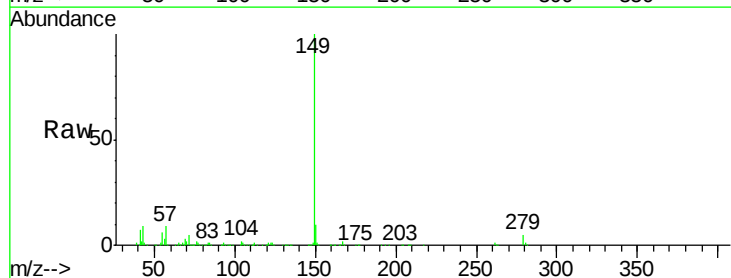
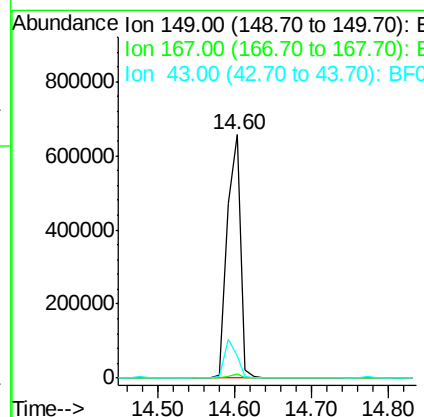
Manual Integrations
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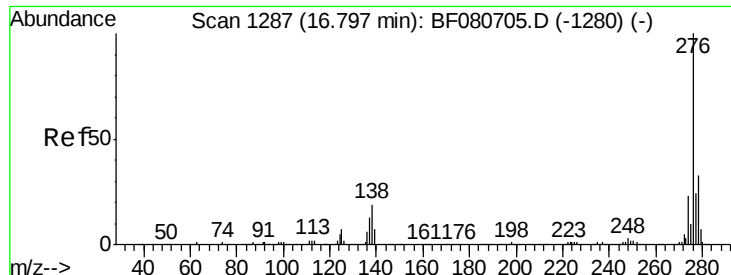
MMDadoda
 8/3/2015 11:55:53 AM



#84
 Di-n-octyl phthalate
 Concen: 45.93 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	802678		
167	1.5	1.1	1.7	
43	14.8	12.2	18.4	





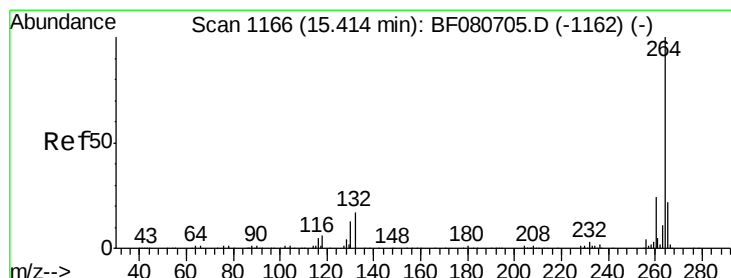
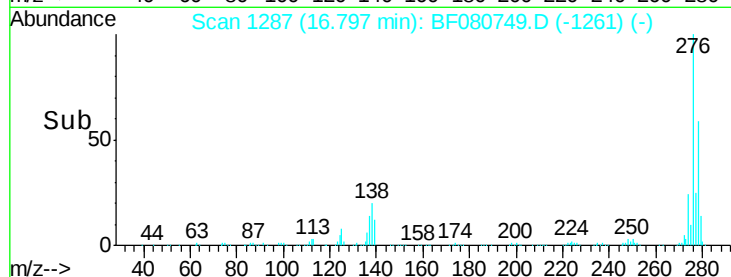
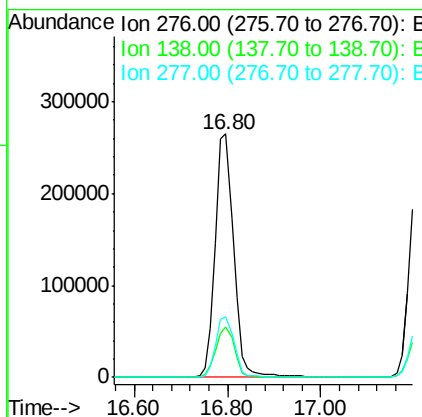
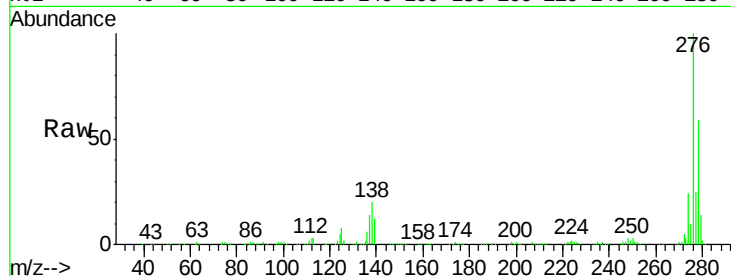
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.84 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	13.2	19.8#
277	25.3	15.4	23.2#

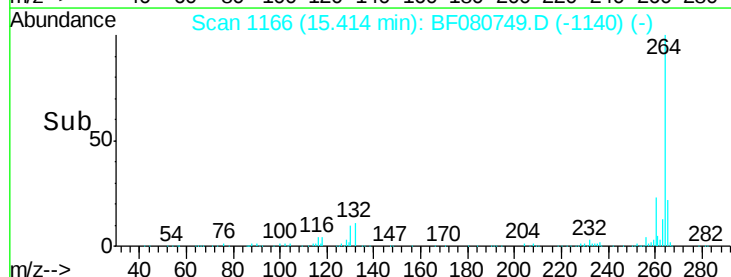
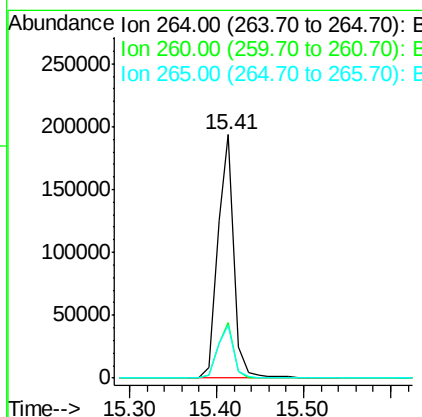
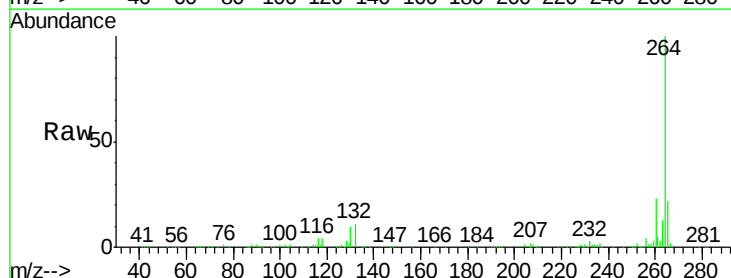
Manual Integrations
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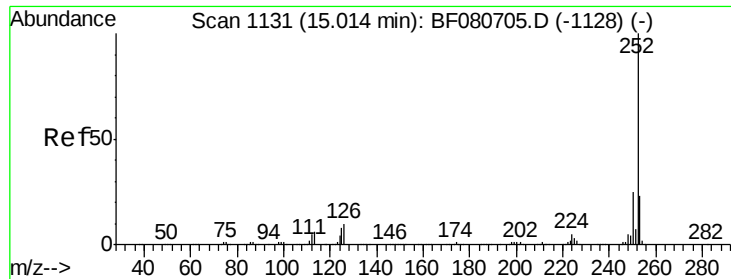
MMDadoda
 8/3/2015 11:55:53 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.9	17.3	25.9





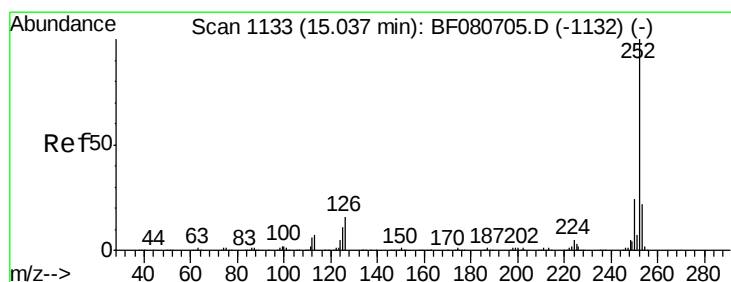
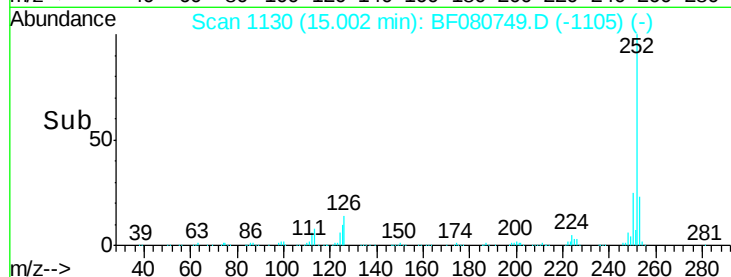
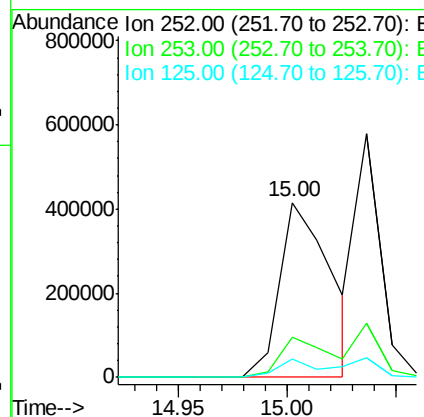
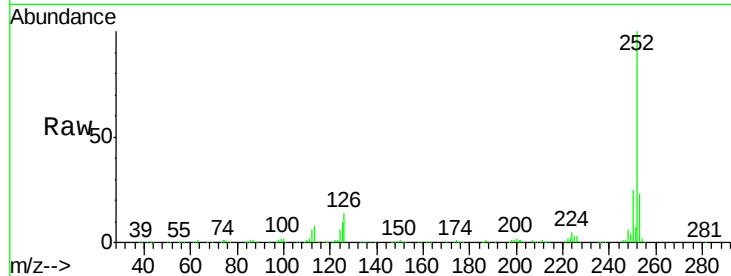
#87
Benzo(b)fluoranthene
Concen: 45.88 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.3	6.2	9.2#

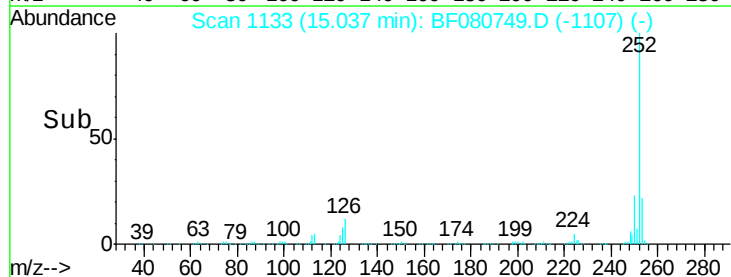
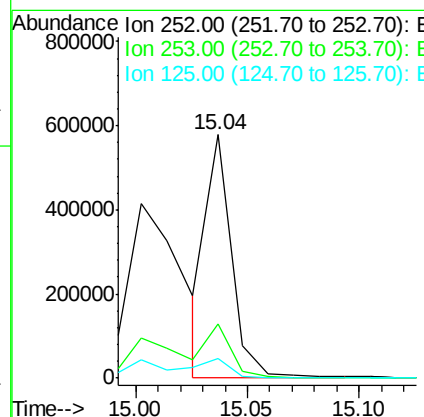
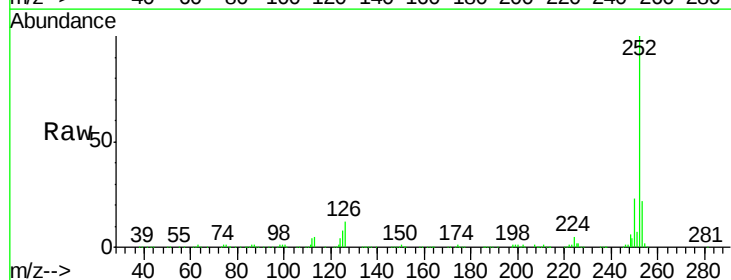
Manual Integrations
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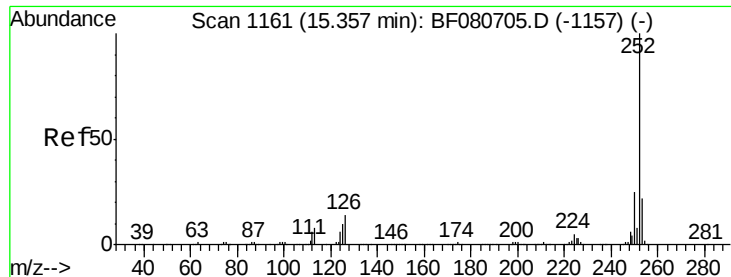
MMDadoda
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#88
Benzo(k)fluoranthene
Concen: 38.02 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.2	9.0	13.4#





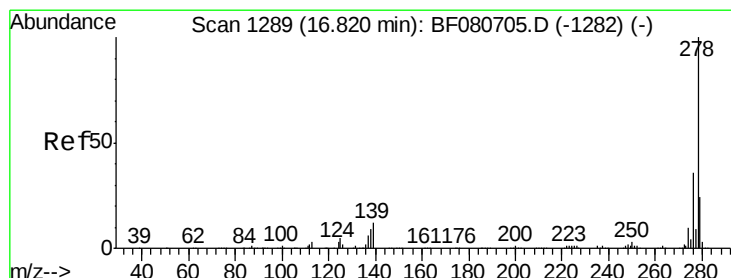
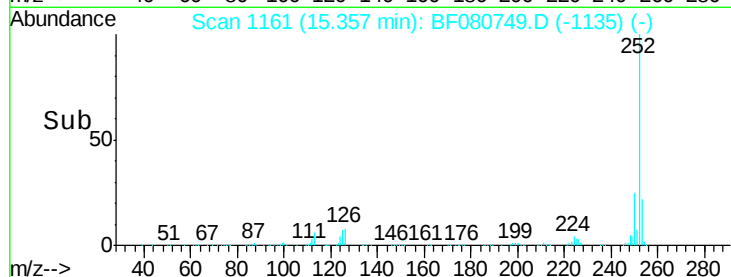
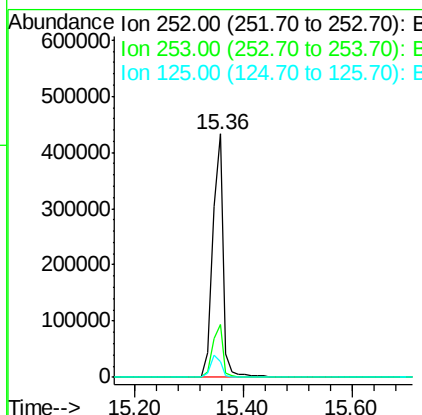
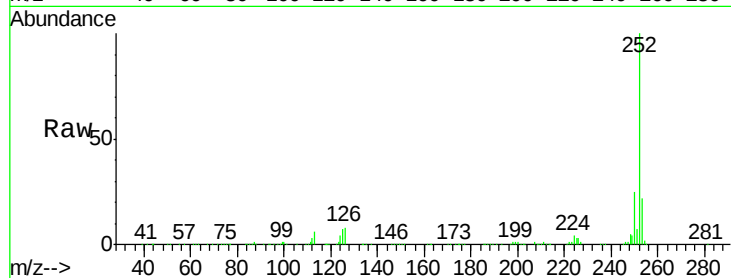
#89
Benzo(a)pyrene
Concen: 47.63 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	6.6	8.2	12.4

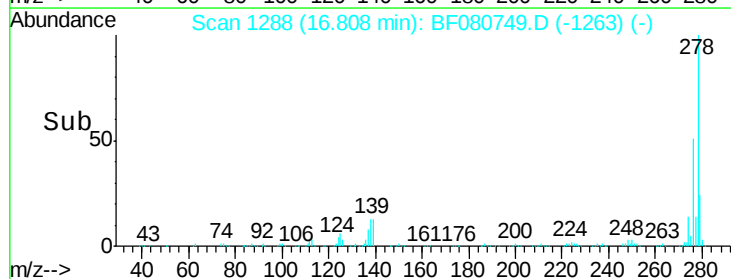
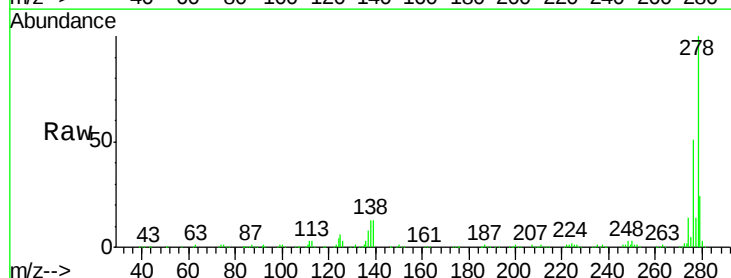
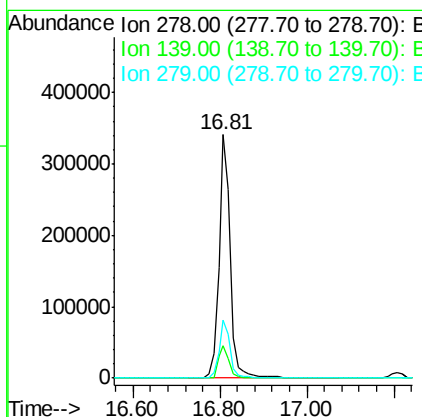
Manual Integrations
APPROVED

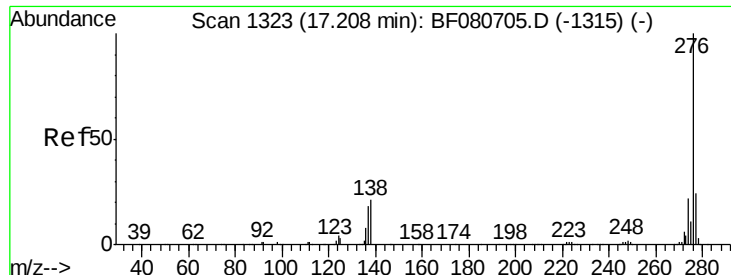
MMDadoda
8/3/2015 11:55:53 AM



#90
Dibenzo(a,h)anthracene
Concen: 57.39 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080749.D
Acq: 31 Jul 2015 22:58

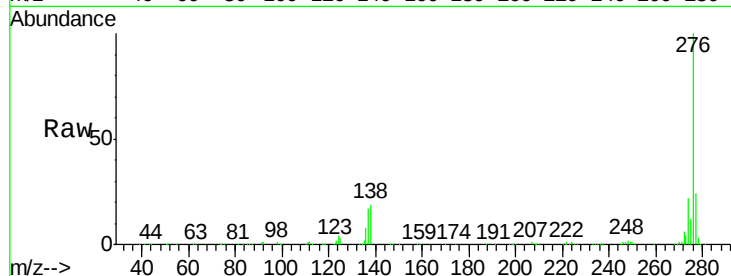
Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	23.6	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 56.30 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080749.D
 Acq: 31 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MS



Tgt Ion:	276	Resp:	608682
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	19.4	16.9	25.3

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