

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
 Data File : BF080750.D
 Acq On : 31 Jul 2015 23:29
 Operator : TP/UM
 Sample : G3125-17MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:58 AM

Quant Time: Aug 03 14:14:03 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	127560	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456208	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	222162	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	411014	20.00	ng	0.00
75) Chrysene-d12	14.00	240	271941	20.00	ng	0.00
86) Perylene-d12	15.41	264	247518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1130398	152.02	ng	0.02
7) Phenol-d6	6.49	99	1341081	132.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	946106	100.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	342859	148.73	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1511958	101.53	ng	0.00
78) Terphenyl-d14	12.96	244	1131642	78.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	151922	41.43	ng	99
3) Pyridine	3.29	79	319564	31.41	ng	96
4) n-Nitrosodimethylamine	3.23	42	278791	47.94	ng	96
6) Aniline	6.52	93	365545	25.08	ng	99
8) 2-Chlorophenol	6.64	128	370332	44.43	ng	97
9) Benzaldehyde	6.40	77	103131	14.30	ng	87
10) Phenol	6.50	94	557744	47.61	ng	93
11) bis(2-Chloroethyl)ether	6.59	93	360093	43.03	ng	99
12) 1,3-Dichlorobenzene	6.80	146	425121	45.82	ng	97
13) 1,4-Dichlorobenzene	6.88	146	427764	45.19	ng	96
14) 1,2-Dichlorobenzene	7.02	146	421417	48.71	ng	96
15) Benzyl Alcohol	7.00	79	391096	46.52	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.14	45	884411	49.46	ng	98
17) 2-Methylphenol	7.10	107	322959	47.21	ng	98
18) Hexachloroethane	7.37	117	157731	44.65	ng	# 89
19) n-Nitroso-di-n-propylamine	7.28	70	337877	49.56	ng	# 92
20) 3+4-Methylphenols	7.26	107	417866	49.50	ng	# 84
22) Acetophenone	7.26	105	548526	49.81	ng	# 90
24) Nitrobenzene	7.44	77	495068	52.45	ng	96
25) Isophorone	7.68	82	842119	50.26	ng	98
26) 2-Nitrophenol	7.76	139	200878	52.43	ng	# 85
27) 2,4-Dimethylphenol	7.79	122	369188	51.29	ng	100
28) bis(2-Chloroethoxy)methane	7.89	93	536232	54.03	ng	100
29) 2,4-Dichlorophenol	8.00	162	328116	51.29	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	337477	48.37	ng	97
31) Naphthalene	8.16	128	1050170	46.12	ng	100
32) Benzoic acid	7.87	122	72762	14.64	ng	100
33) 4-Chloroaniline	8.20	127	173840	18.09	ng	# 90
34) Hexachlorobutadiene	8.28	225	222694	49.44	ng	99
35) Caprolactam	8.57	113	89561m	46.75	ng	
36) 4-Chloro-3-methylphenol	8.69	107	377233	54.69	ng	# 87
37) 2-Methylnaphthalene	8.85	142	725900	50.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	308791	44.26	ng	98
40) Hexachlorocyclopentadiene	9.00	237	360111	83.90	ng	98

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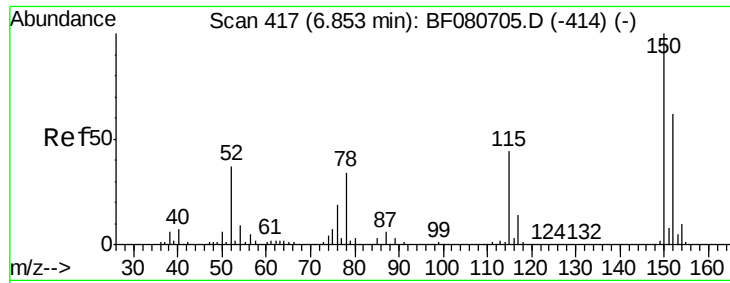
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 03 14:00:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	267321	55.08	ng	98
43) 2,4,5-Trichlorophenol	9.16	196	211618	43.96	ng #	94
45) 1,1'-Biphenyl	9.31	154	766584	45.00	ng	95
46) 2-Chloronaphthalene	9.33	162	625886	44.99	ng #	91
47) 2-Nitroaniline	9.42	65	273052	50.44	ng #	70
48) Acenaphthylene	9.76	152	1091102	49.32	ng	99
49) Dimethylphthalate	9.62	163	1075393	68.69	ng	99
50) 2,6-Dinitrotoluene	9.68	165	178255	53.65	ng	95
51) Acenaphthene	9.93	154	674896	50.00	ng	99
52) 3-Nitroaniline	9.84	138	111555	29.10	ng #	52
53) 2,4-Dinitrophenol	9.94	184	112418	63.53	ng	96
54) Dibenzofuran	10.10	168	913216	50.59	ng	97
55) 4-Nitrophenol	10.00	139	227614	80.58	ng #	56
56) 2,4-Dinitrotoluene	10.08	165	241469	55.42	ng	93
57) Fluorene	10.43	166	657978	46.96	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	187023	51.51	ng	98
59) Diethylphthalate	10.32	149	793181	52.56	ng	100
60) 4-Chlorophenyl-phenylether	10.43	204	345410	57.45	ng	92
61) 4-Nitroaniline	10.45	138	164974	47.66	ng	95
62) Azobenzene	10.59	77	915280	55.99	ng	96
64) 4,6-Dinitro-2-methylphenol	10.48	198	101741	41.10	ng	89
65) n-Nitrosodiphenylamine	10.54	169	584876	43.41	ng	99
66) 4-Bromophenyl-phenylether	10.92	248	210750	49.67	ng #	92
67) Hexachlorobenzene	10.98	284	218545	44.55	ng	93
68) Atrazine	11.08	200	200416	61.64	ng	90
69) Pentachlorophenol	11.17	266	263724	88.84	ng	99
70) Phenanthrene	11.39	178	892444	43.10	ng	99
71) Anthracene	11.45	178	1016219	49.95	ng	99
72) Carbazole	11.60	167	801601	45.39	ng	99
73) Di-n-butylphthalate	11.94	149	1083216	49.46	ng	99
74) Fluoranthene	12.58	202	956670	47.79	ng	97
76) Benzidine	12.69	184	258414	26.10	ng	99
77) Pyrene	12.81	202	933254	44.25	ng	99
79) Butylbenzylphthalate	13.43	149	381608	43.67	ng	87
80) Benzo(a)anthracene	13.99	228	662641	40.52	ng	98
81) 3,3'-Dichlorobenzidine	13.95	252	174368	31.24	ng #	97
82) Chrysene	14.02	228	592947	37.35	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	511256	48.69	ng #	93
84) Di-n-octyl phthalate	14.60	149	824846	46.85	ng	99
85) Indeno(1,2,3-cd)pyrene	16.80	276	696098	48.42	ng #	89
87) Benzo(b)fluoranthene	15.00	252	689871m	46.66	ng	
88) Benzo(k)fluoranthene	15.04	252	464206m	38.15	ng	
89) Benzo(a)pyrene	15.36	252	571636	47.10	ng #	98
90) Dibenzo(a,h)anthracene	16.81	278	585421	53.88	ng #	97
91) Benzo(g,h,i)perylene	17.21	276	577745	54.03	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 152 Resp: 127560

Ion Ratio Lower Upper

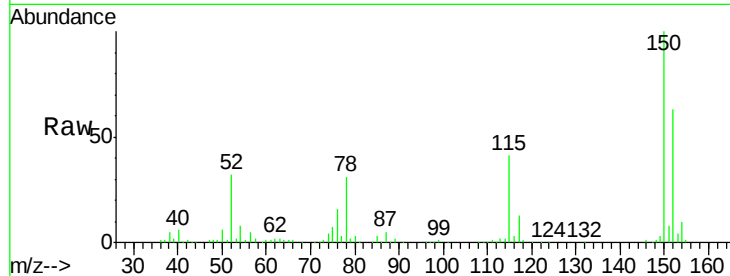
152 100

150 159.6 129.6 194.4

115 65.5 56.6 85.0

Manual Integrations
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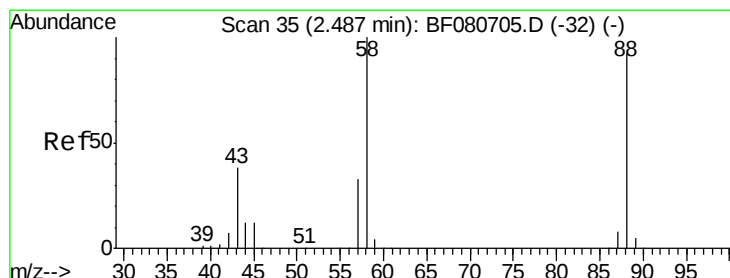
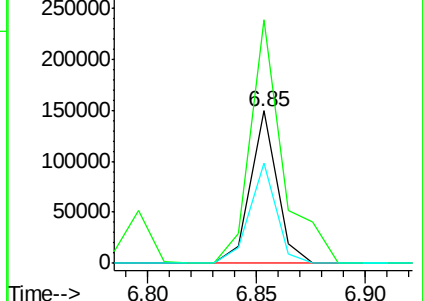
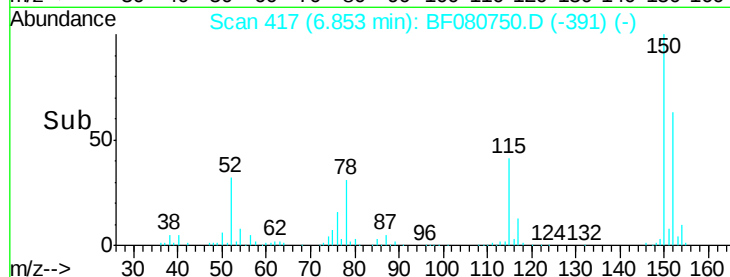
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.43 ng

RT: 2.57 min Scan# 42

Delta R.T. 0.08 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

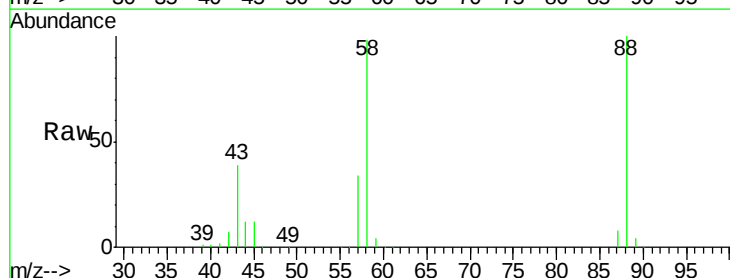
Tgt Ion: 88 Resp: 151922

Ion Ratio Lower Upper

88 100

58 101.1 82.3 123.5

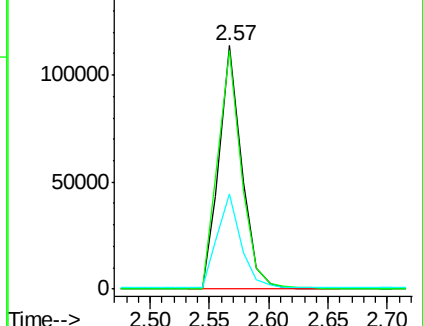
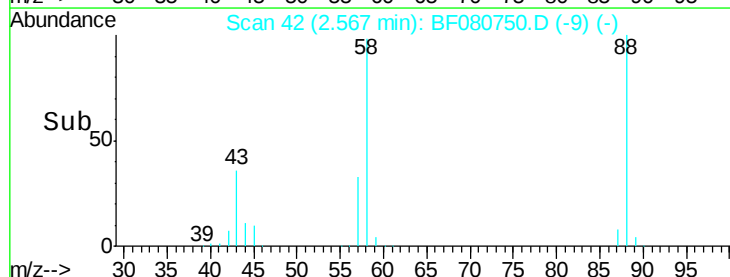
43 39.9 31.7 47.5

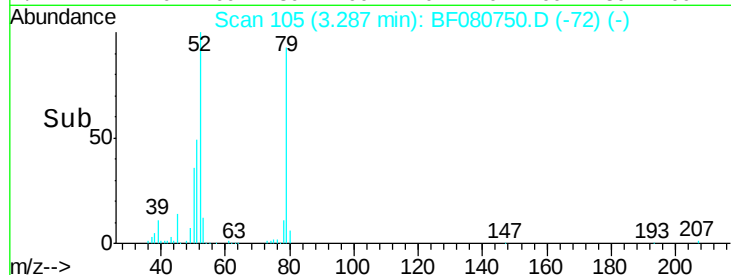
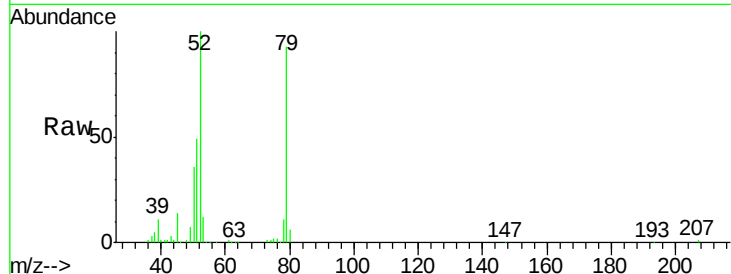
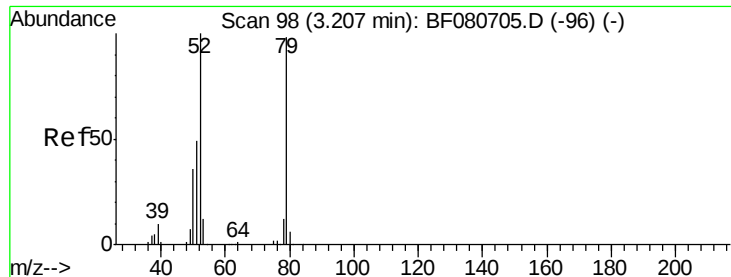


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





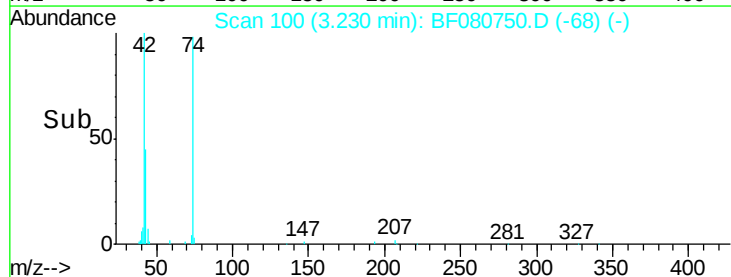
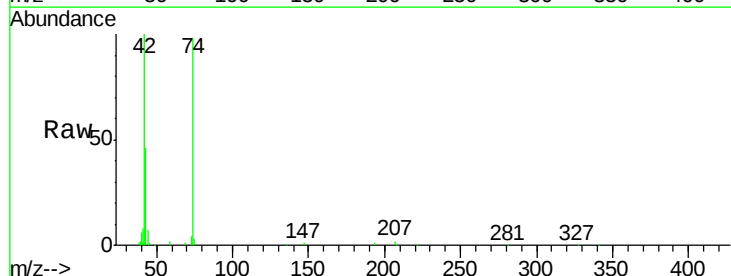
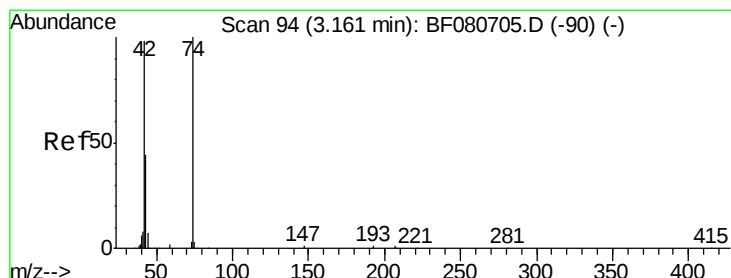
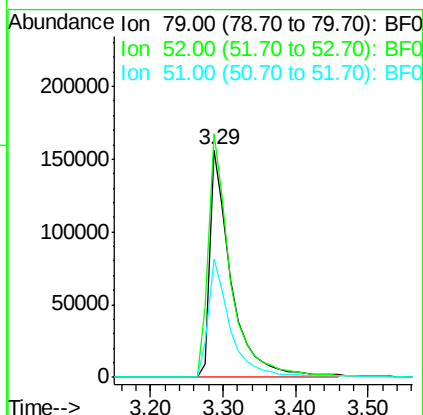
#3
 Pyridine
 Concen: 31.41 ng
 RT: 3.29 min Scan# 105
 Delta R.T. 0.08 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
79	100		
52	107.2	81.6	122.4
51	52.2	40.2	60.2

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

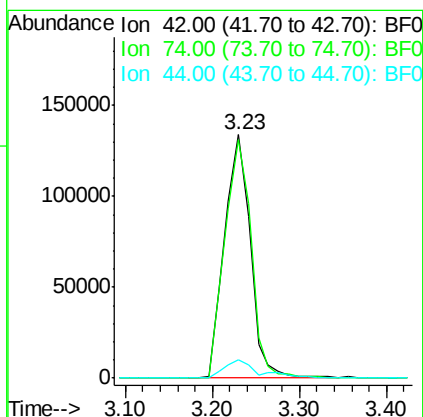
Manual Integrations
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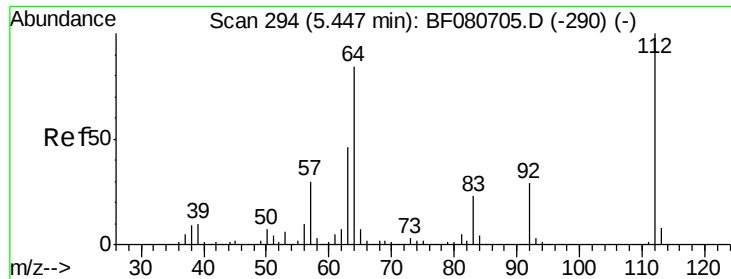
MMDadoda
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#4
 n-Nitrosodimethylamine
 Concen: 47.94 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.07 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.8	81.5	122.3
44	7.4	5.6	8.4





#5

2-Fluorophenol

Concen: 152.02 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080750.D

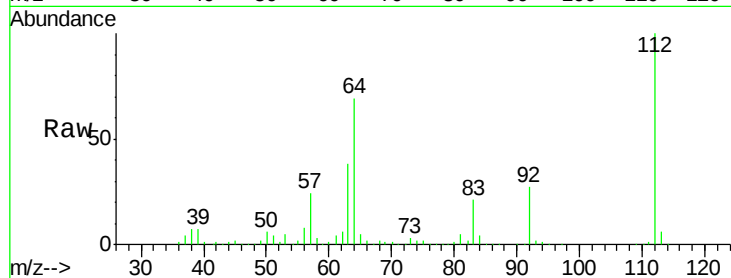
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion: 112 Resp: 1130398

Ion Ratio Lower Upper

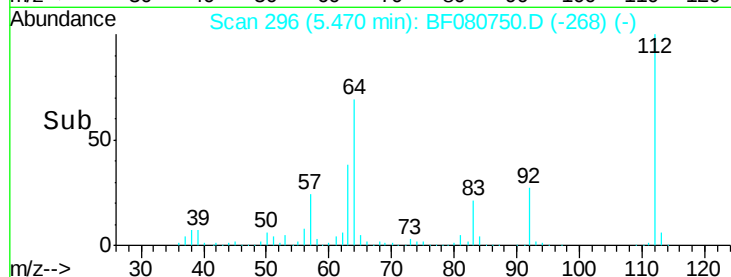
112 100

64 69.3 66.8 100.2

63 37.8 36.7 55.1

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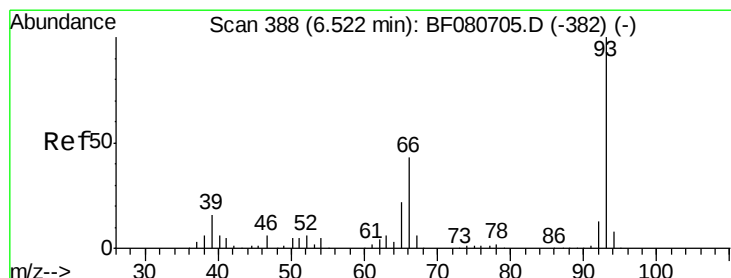
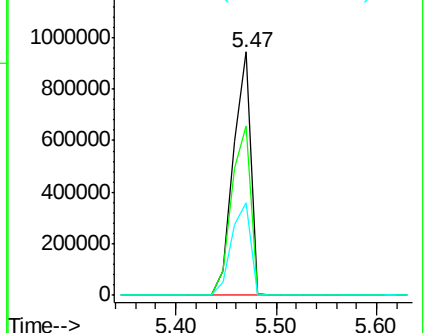
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.08 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

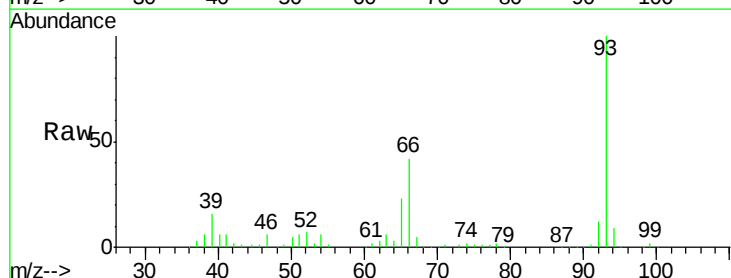
Tgt Ion: 93 Resp: 365545

Ion Ratio Lower Upper

93 100

66 42.4 34.3 51.5

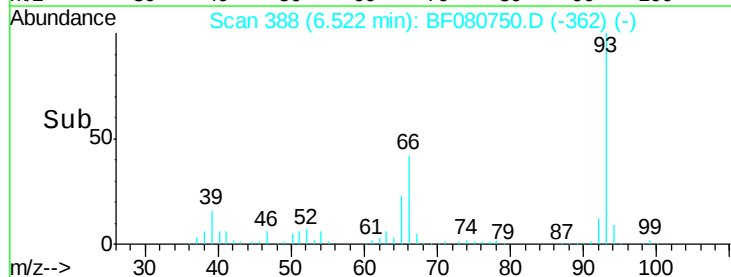
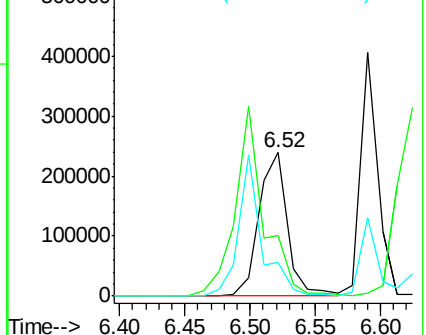
65 23.1 17.6 26.4

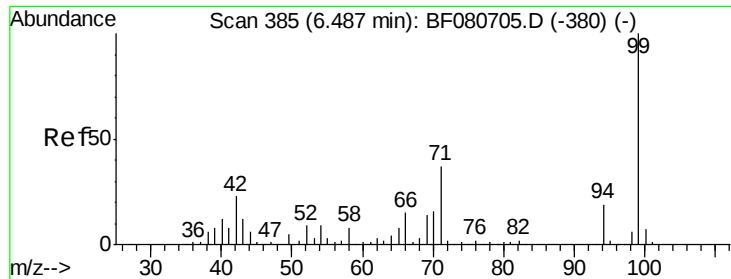


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.48 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion: 99 Resp: 1341081

Ion Ratio Lower Upper

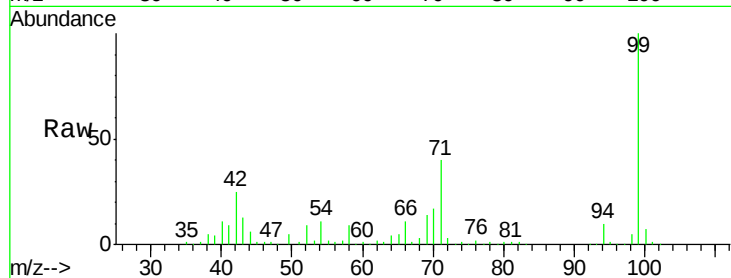
99 100

42 25.0 18.2 27.2

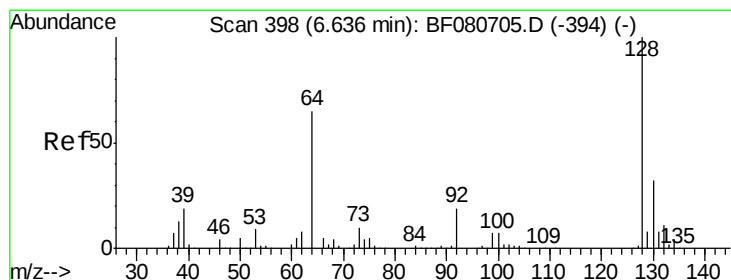
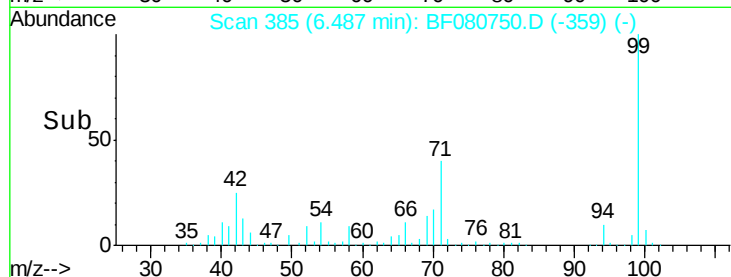
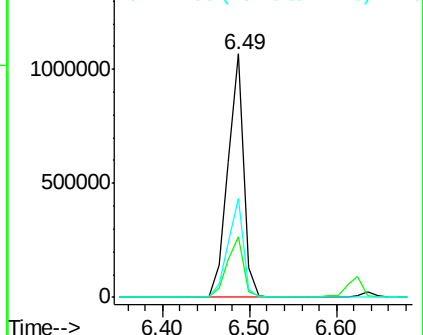
71 40.5 29.5 44.3

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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: 44.43 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

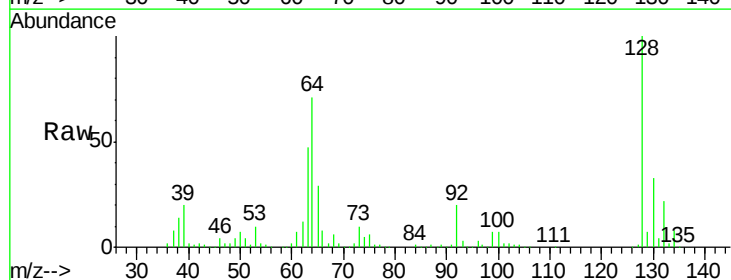
Tgt Ion: 128 Resp: 370332

Ion Ratio Lower Upper

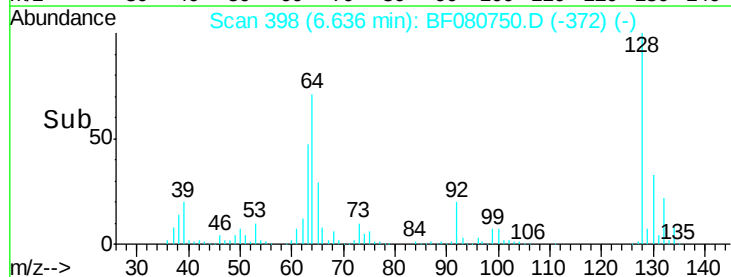
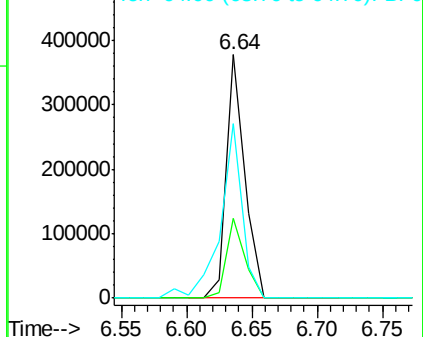
128 100

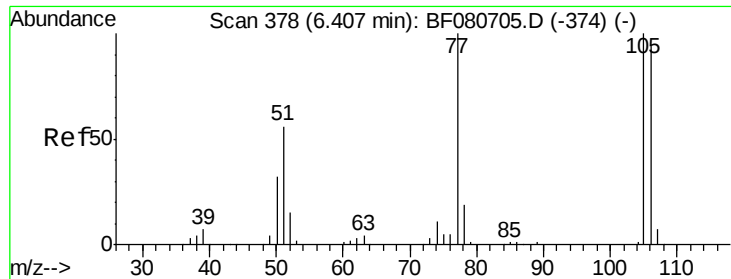
130 32.8 11.7 51.7

64 71.5 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: 14.30 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

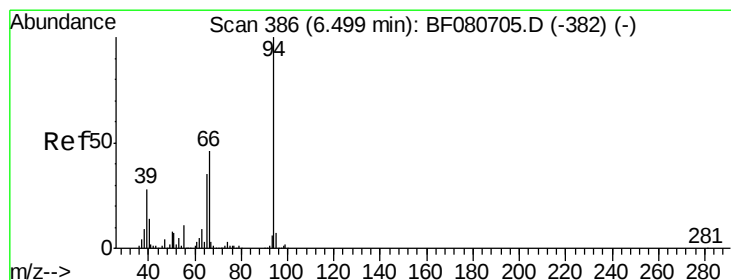
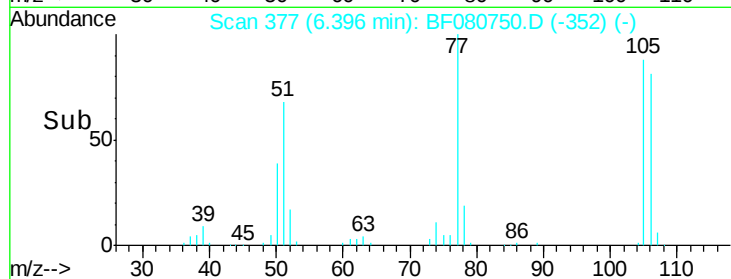
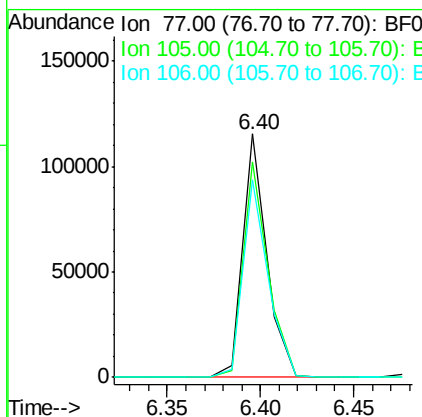
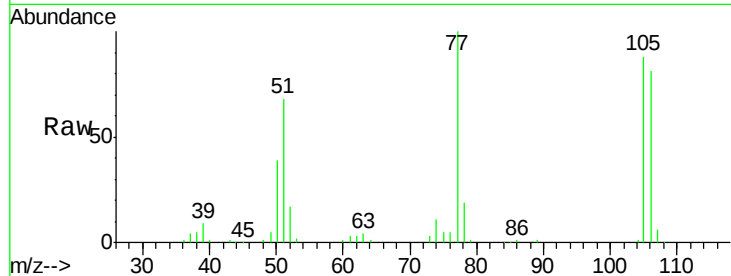
ClientSampleId :

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

Tgt Ion:	77	Resp:	103131
Ion Ratio	Lower	Upper	
77	100		
105	88.3	80.2	120.2
106	81.4	74.2	114.2

Manual Integrations
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#10

Phenol

Concen: 47.61 ng

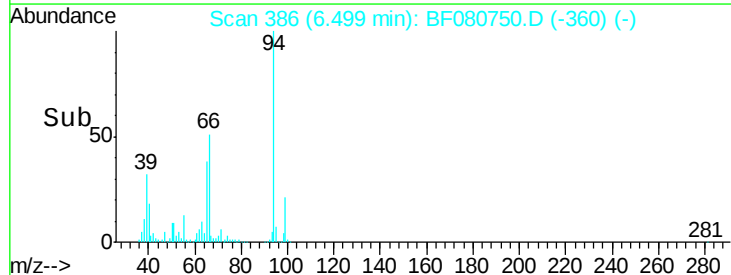
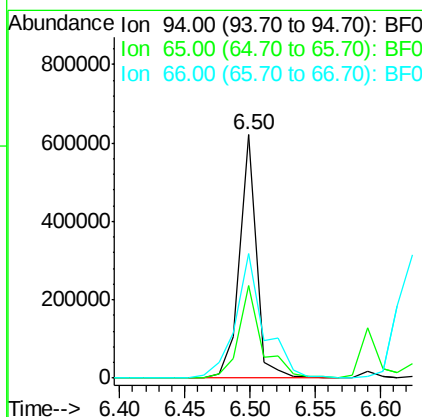
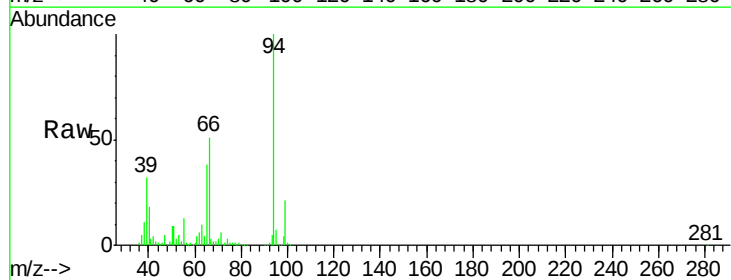
RT: 6.50 min Scan# 386

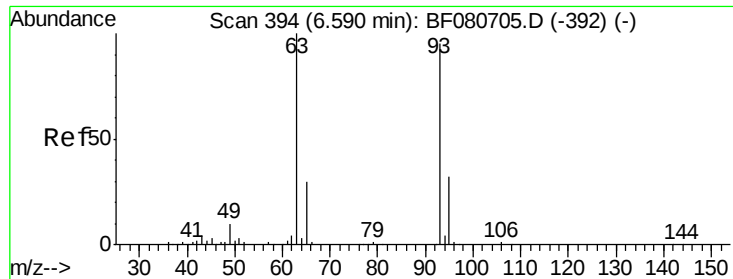
Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Tgt Ion:	94	Resp:	557744
Ion Ratio	Lower	Upper	
94	100		
65	37.9	14.7	54.7
66	51.0	25.9	65.9





#11

bis(2-Chloroethyl)ether

Concen: 43.03 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

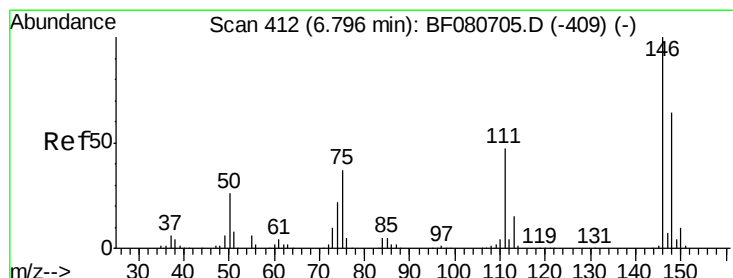
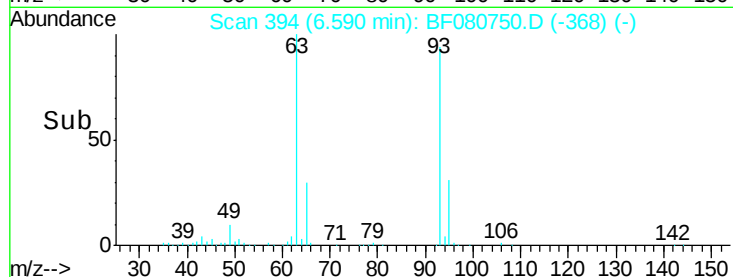
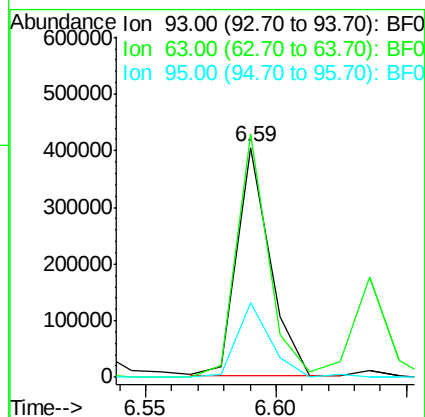
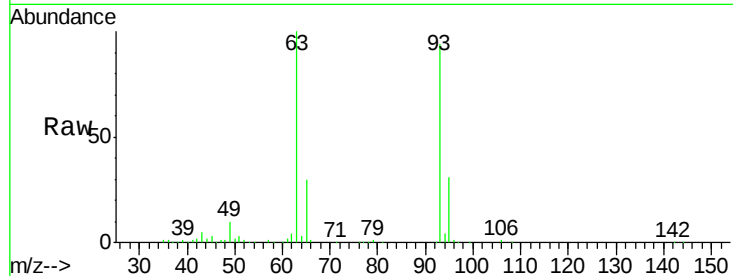
ClientSampleId :

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

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Tgt Ion	Ratio	Lower	Upper
93	100		
63	105.9	85.3	125.3
95	32.6	13.3	53.3



#12

1,3-Dichlorobenzene

Concen: 45.82 ng

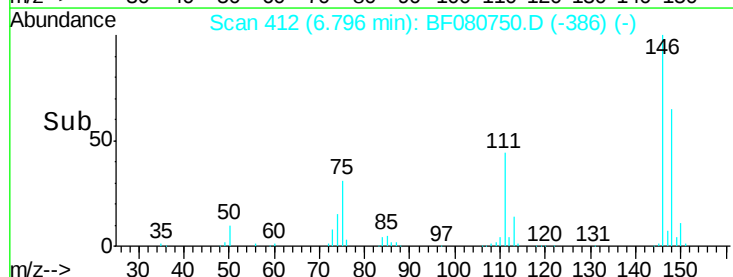
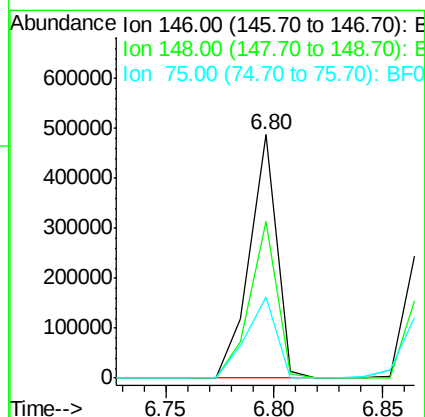
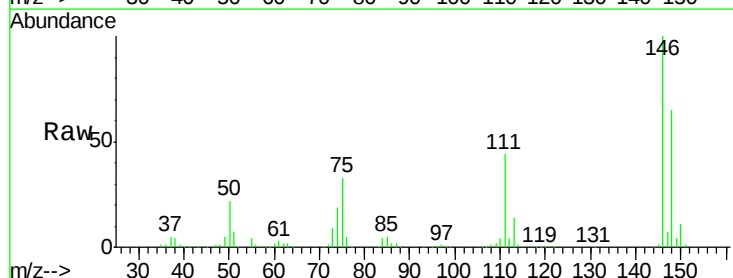
RT: 6.80 min Scan# 412

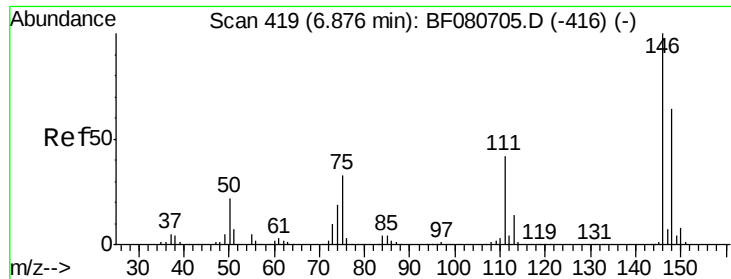
Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.6
75	33.1	29.4	44.0





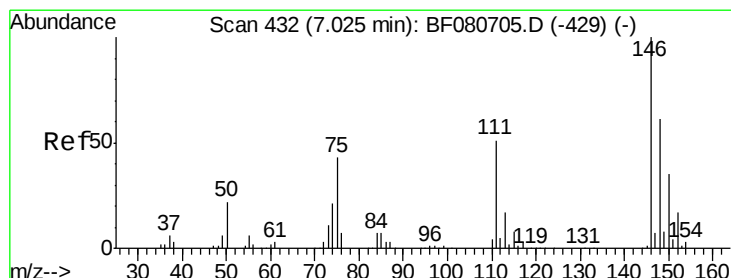
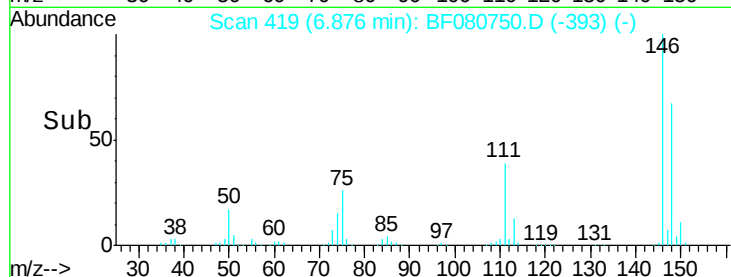
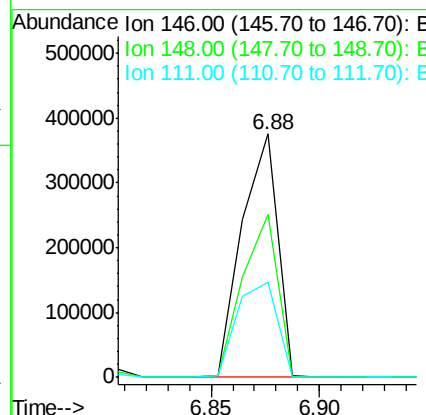
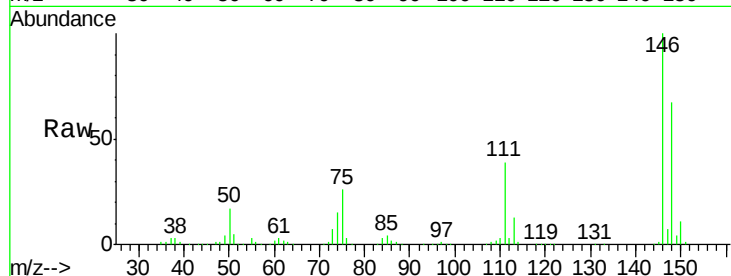
#13
 1,4-Dichlorobenzene
 Concen: 45.19 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.4	77.2
111	38.9	33.8	50.6

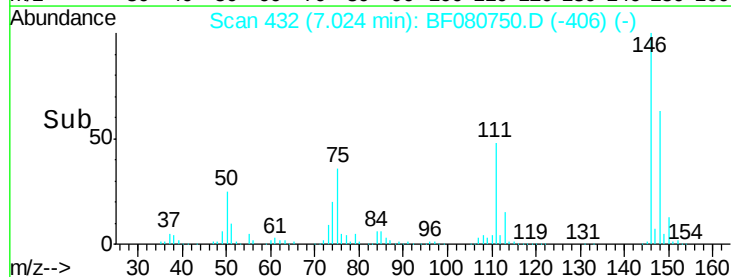
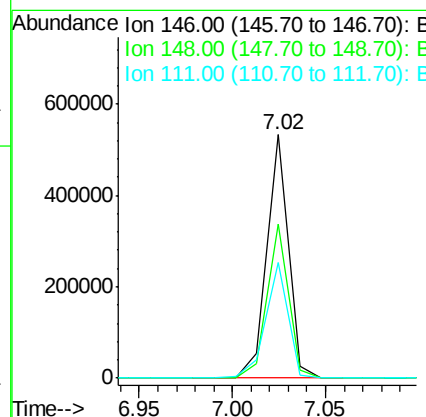
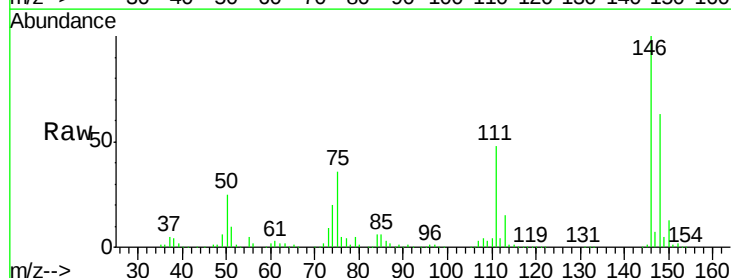
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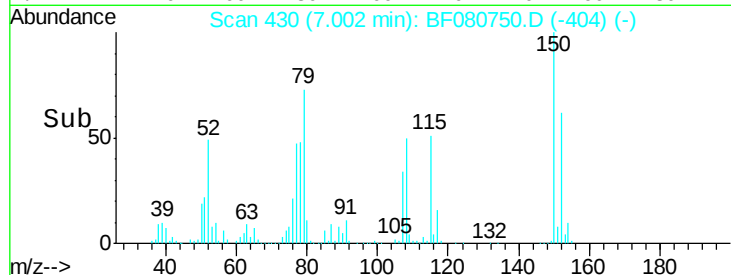
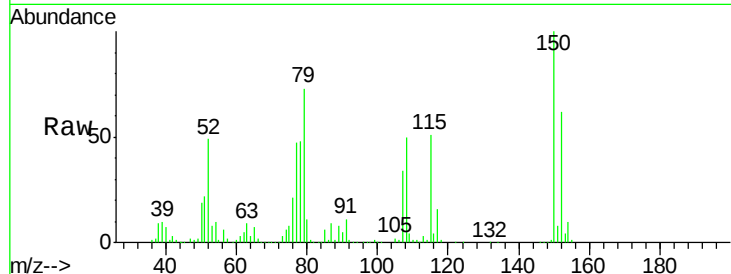
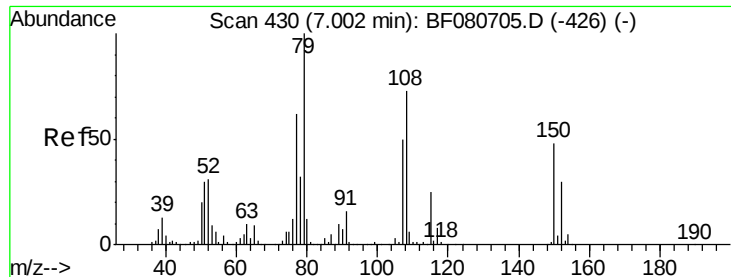
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#14
 1,2-Dichlorobenzene
 Concen: 48.71 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.2	73.8
111	47.7	41.0	61.4





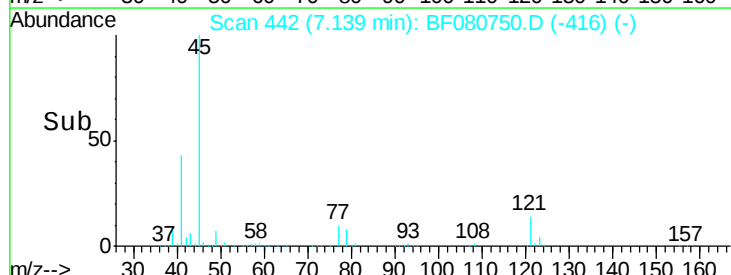
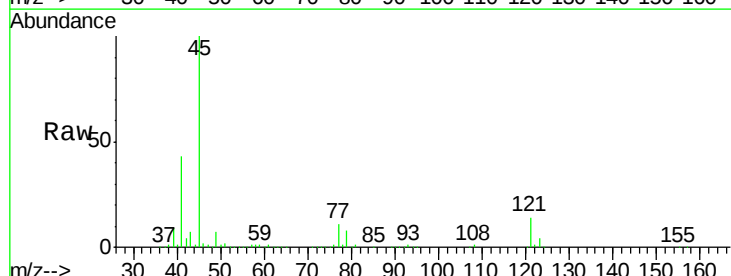
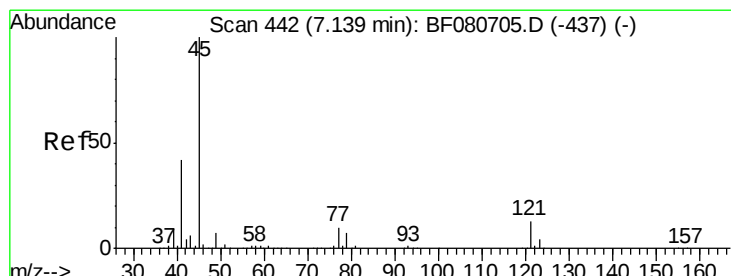
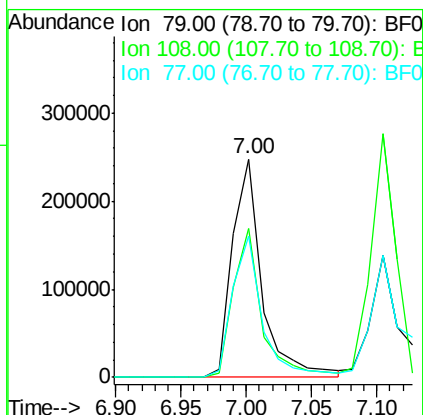
#15
Benzyl Alcohol
Concen: 46.52 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.5	58.7	88.1
77	64.9	49.8	74.8

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

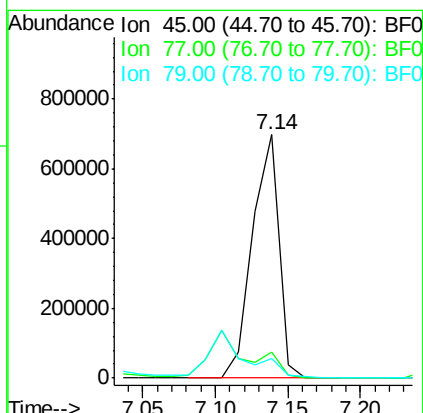
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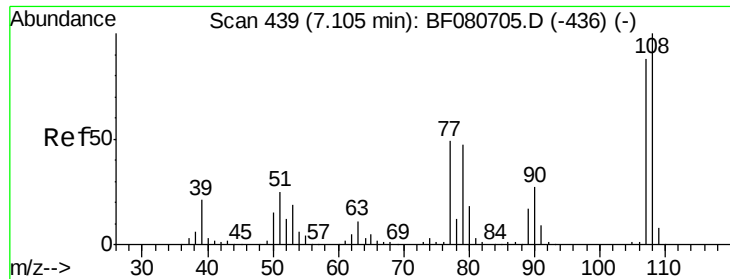
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.46 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

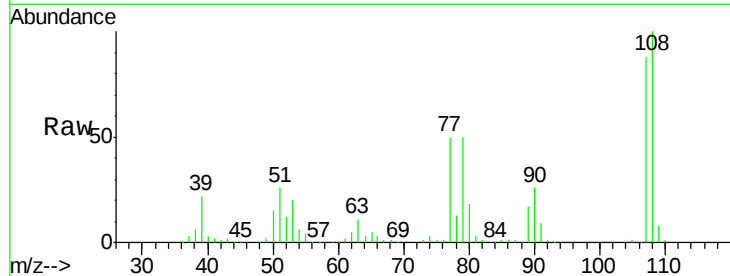
Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.6	0.0	29.9
79	8.3	0.0	27.4





#17
2-Methylphenol
Concen: 47.21 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

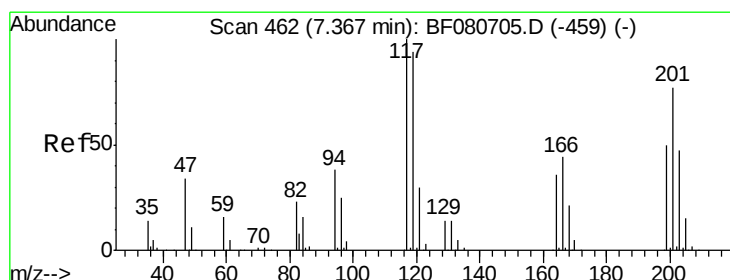
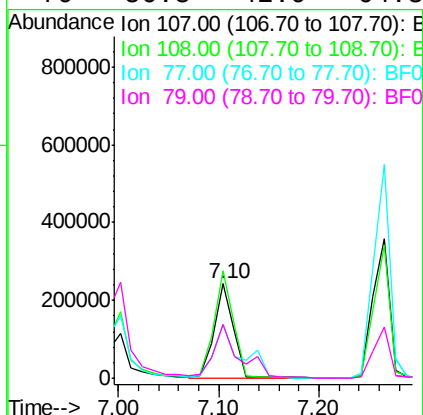
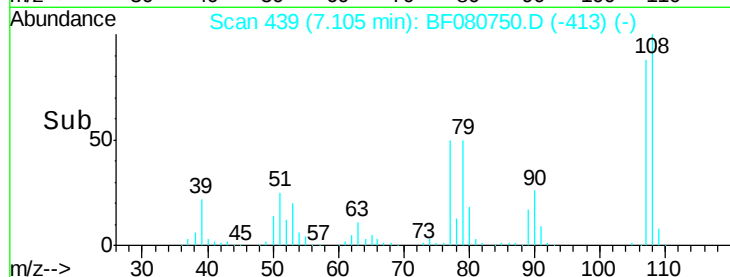
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	322959		
108	113.8	90.8	136.2	
77	56.8	44.6	67.0	
79	56.8	42.9	64.3	

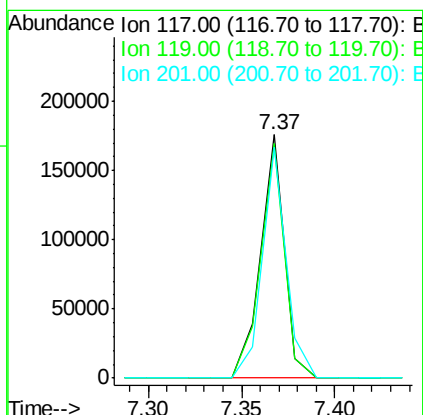
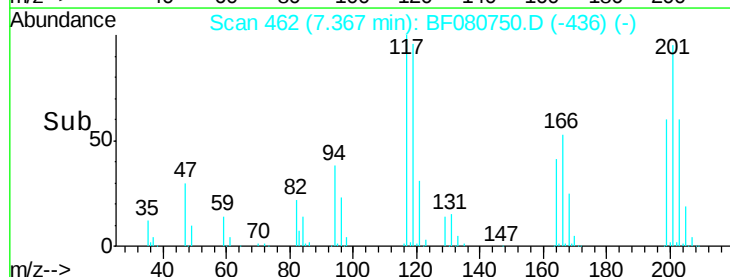
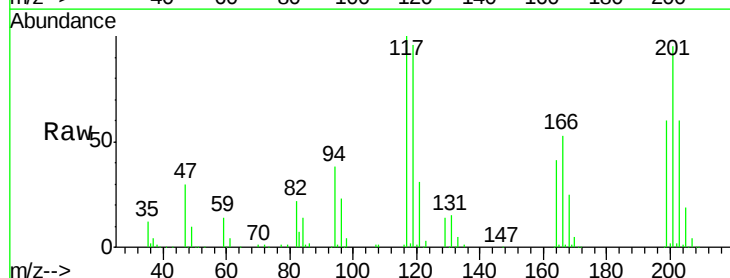
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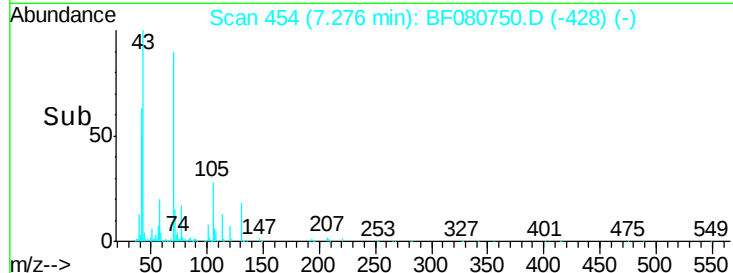
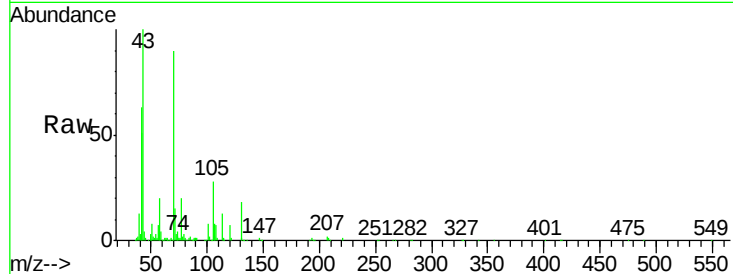
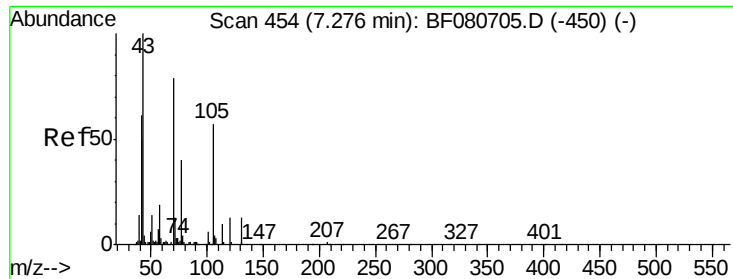
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#18
Hexachloroethane
Concen: 44.65 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157731		
119	96.3	74.9	112.3	
201	94.5	61.5	92.3	





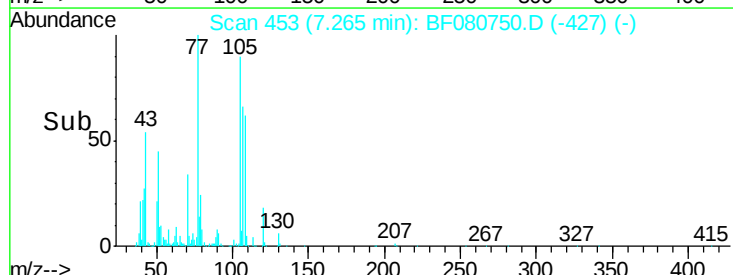
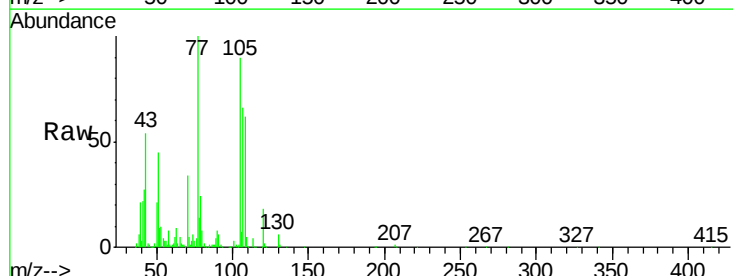
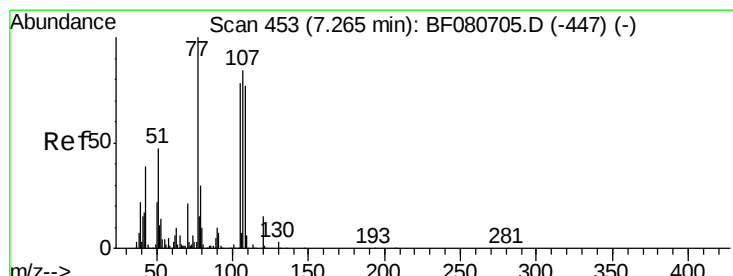
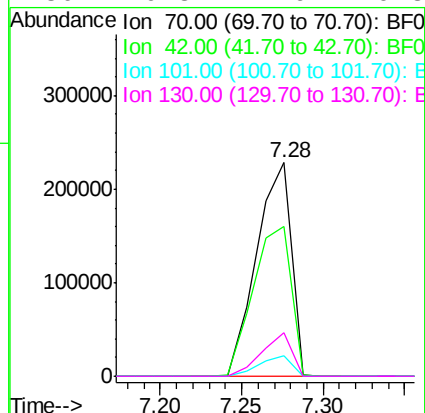
#19
n-Nitroso-di-n-propylamine
Concen: 49.56 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Manual Integrations
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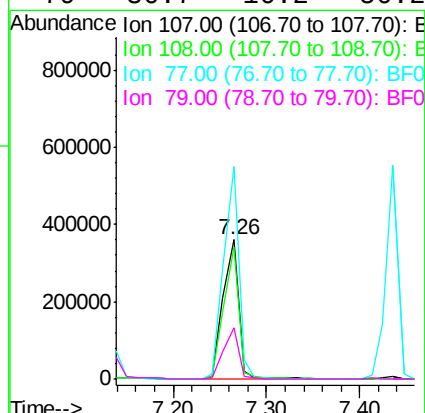
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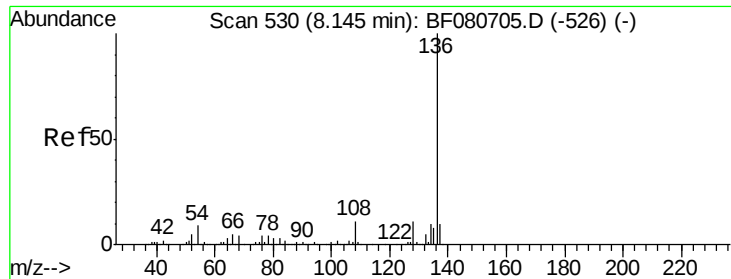
Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.2	61.8	92.6
101	9.4	6.1	9.1#
130	20.3	12.9	19.3#



#20
3+4-Methylphenols
Concen: 49.50 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.8	111.8
77	152.4	99.8	139.8#
79	36.7	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: BF080750.D

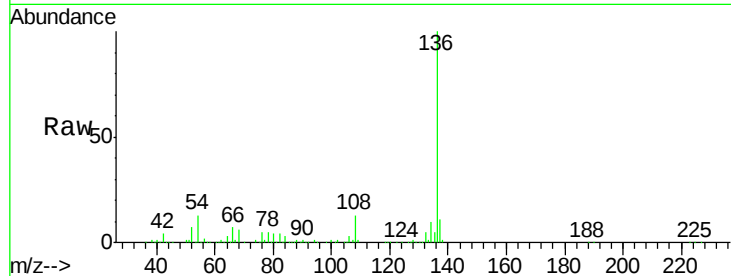
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:136 Resp: 456208

Ion Ratio Lower Upper

136 100

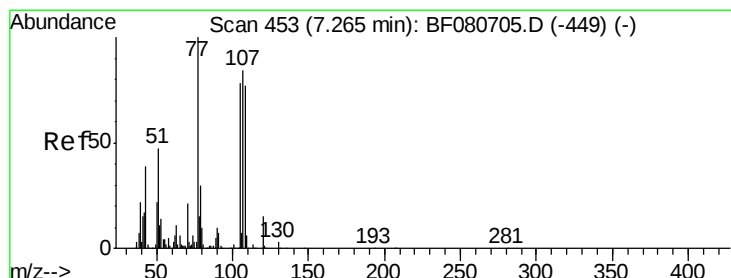
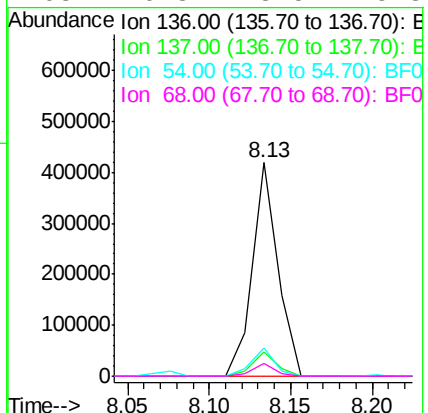
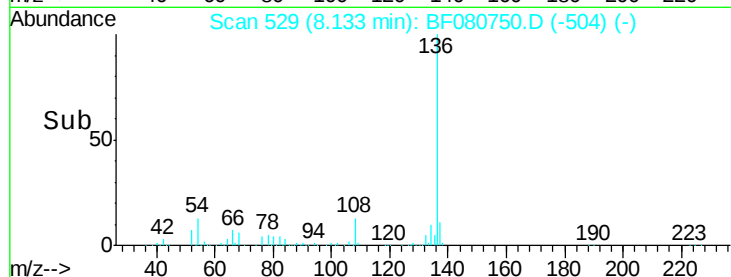
137 11.4 8.4 12.6

54 13.5 6.9 10.3#

68 6.3 3.5 5.3#

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#22

Acetophenone

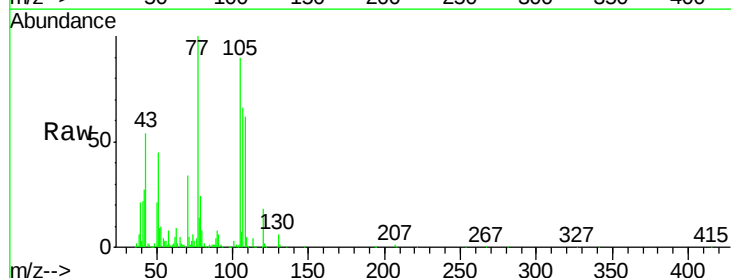
Concen: 49.81 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29



Tgt Ion:105 Resp: 548526

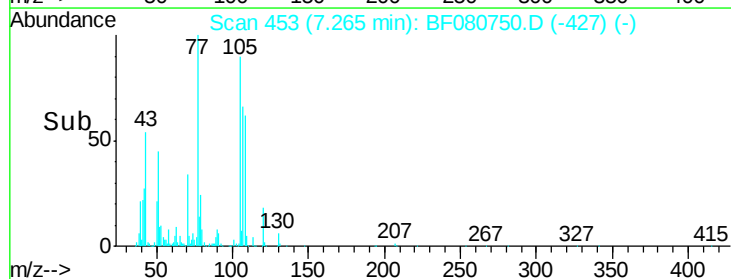
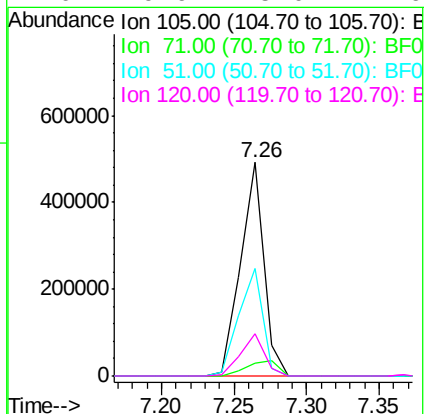
Ion Ratio Lower Upper

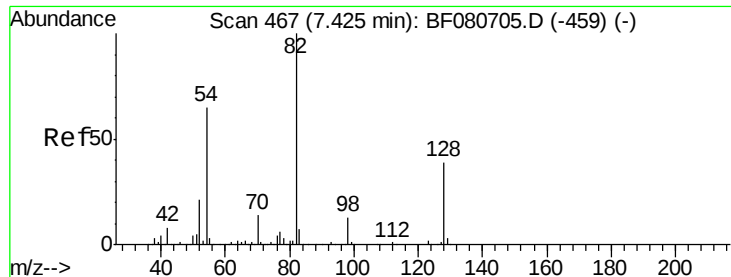
105 100

71 6.1 3.4 5.0#

51 50.5 47.9 71.9

120 19.9 15.0 22.6





#23

Nitrobenzene-d5

Concen: 100.43 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF080750.D

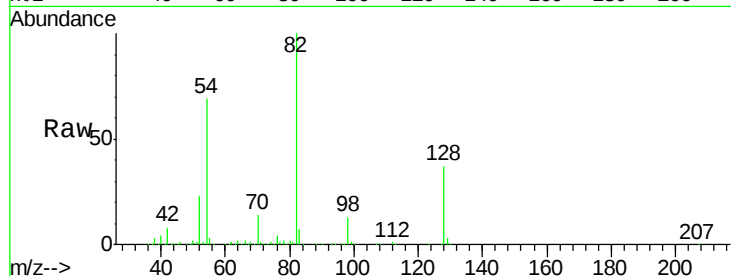
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

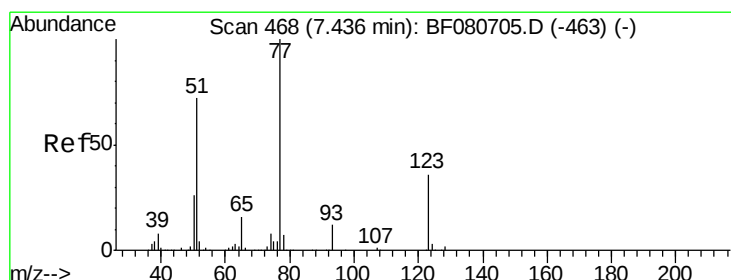
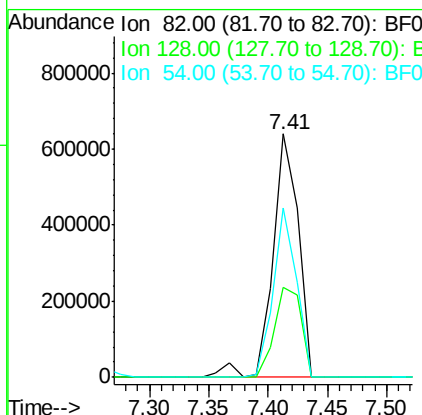
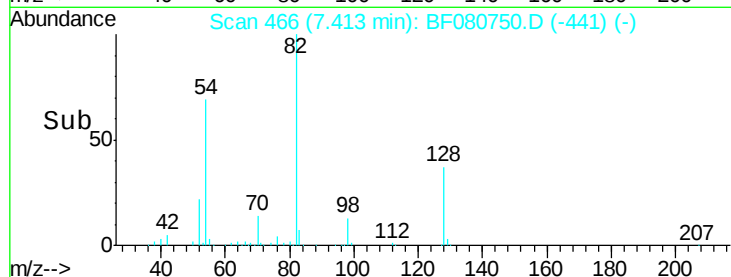
COFF-3RD-2(0-2)MSD



Tgt Ion	82	Resp	946106
Ion Ratio	100	Lower	Upper
128	36.8	31.5	47.3
54	69.4	51.8	77.8

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#24

Nitrobenzene

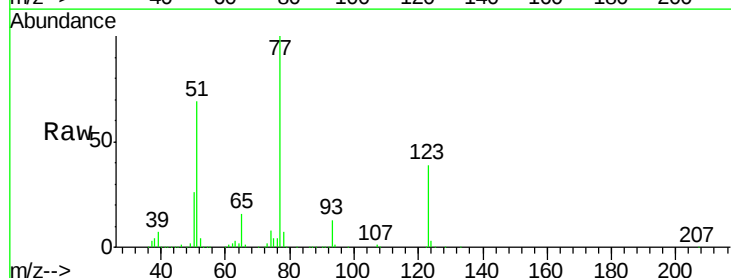
Concen: 52.45 ng

RT: 7.44 min Scan# 468

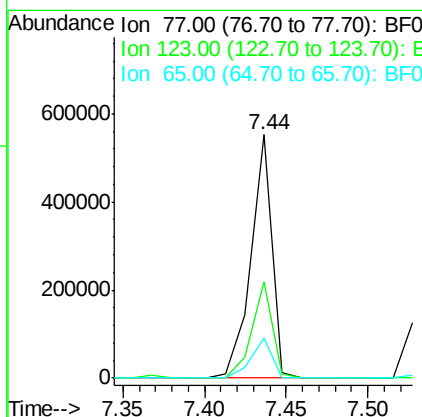
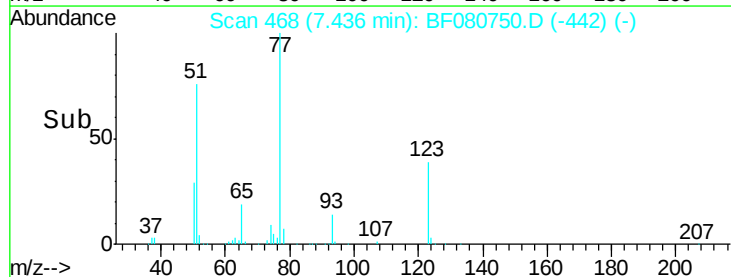
Delta R.T. -0.00 min

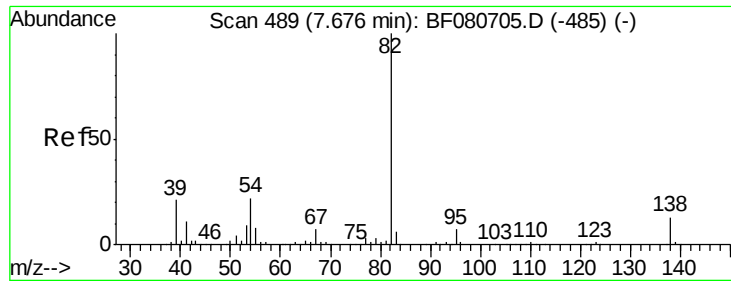
Lab File: BF080750.D

Acq: 31 Jul 2015 23:29



Tgt Ion	77	Resp	495068
Ion Ratio	100	Lower	Upper
123	39.4	28.9	43.3
65	16.3	13.0	19.4





#25

Isophorone

Concen: 50.26 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080750.D

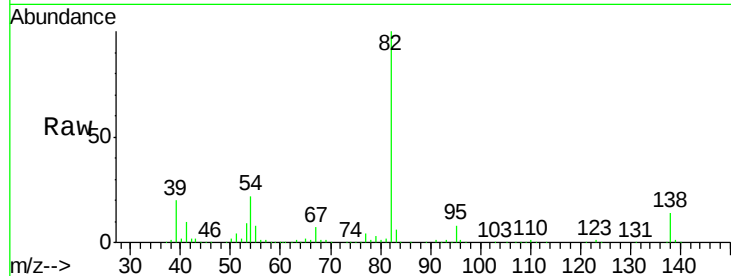
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion: 82 Resp: 842119

Ion Ratio Lower Upper

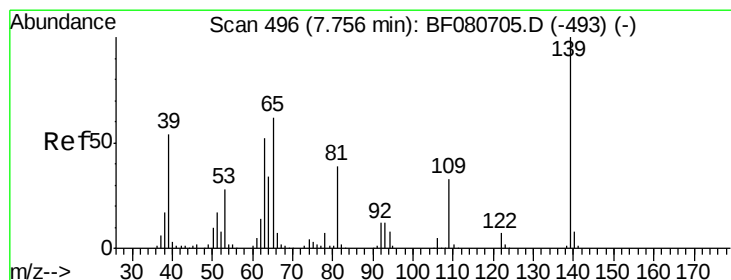
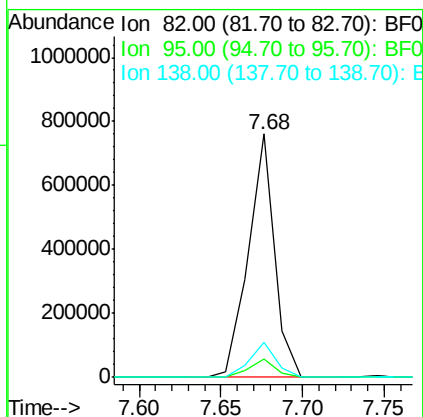
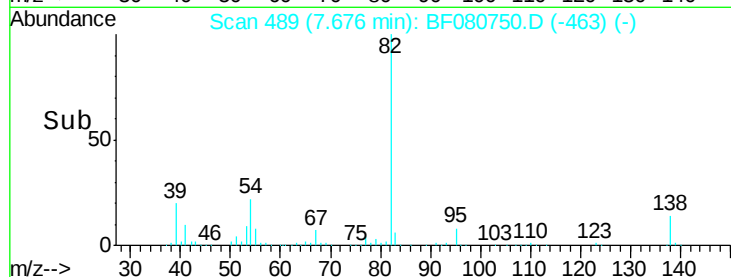
82 100

95 7.7 5.8 8.6

138 14.1 10.7 16.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.43 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

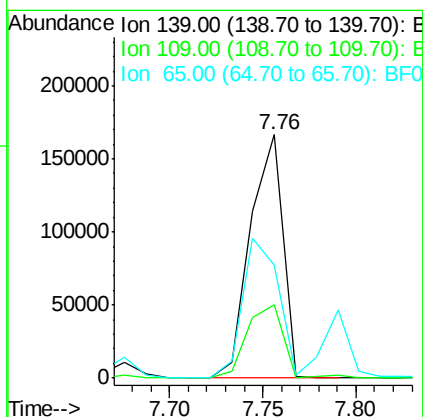
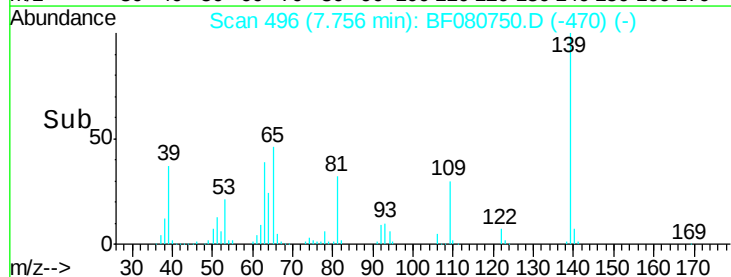
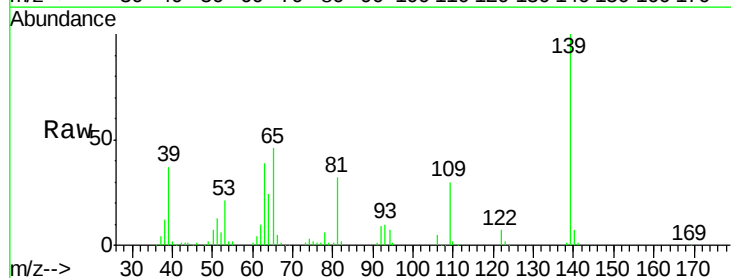
Tgt Ion: 139 Resp: 200878

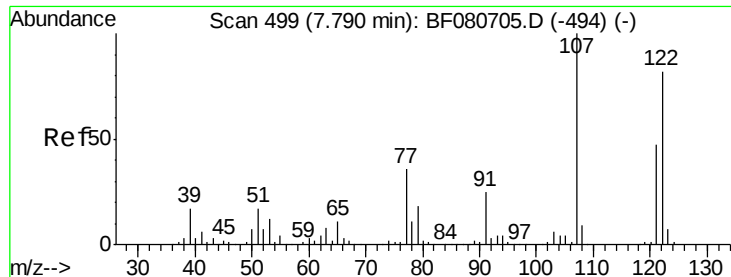
Ion Ratio Lower Upper

139 100

109 30.0 26.5 39.7

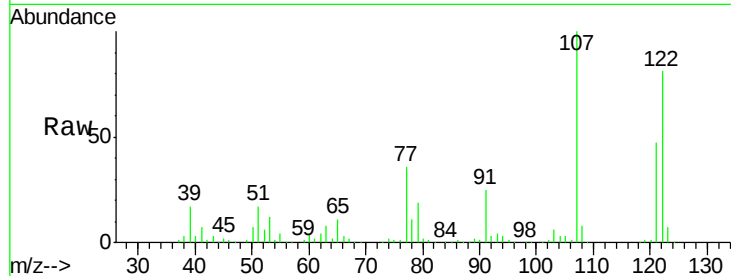
65 46.5 49.8 74.8#





#27
 2,4-Dimethylphenol
 Concen: 51.29 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

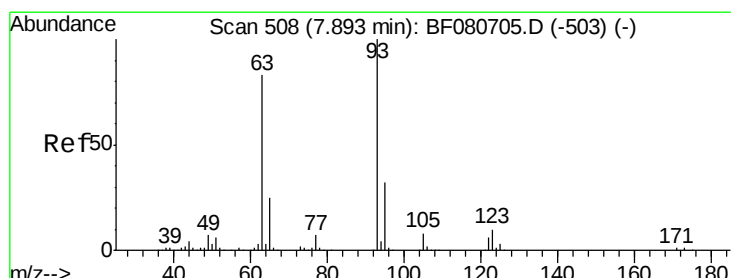
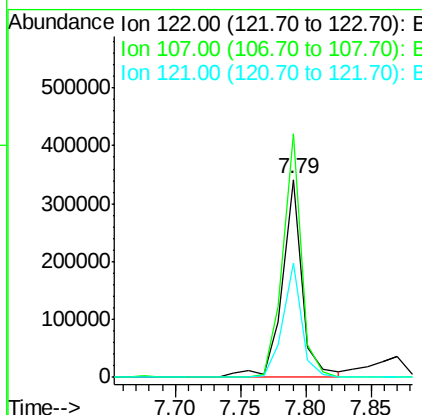
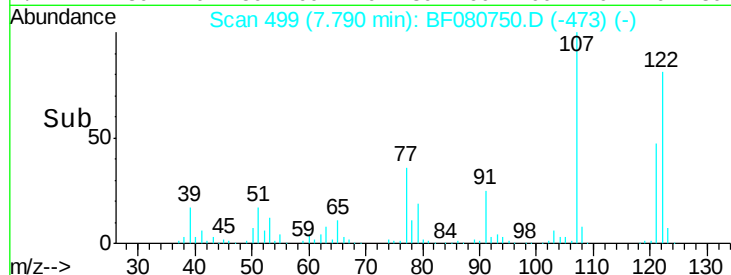
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	369188		
107	123.0	98.1	147.1	
121	57.8	45.8	68.8	

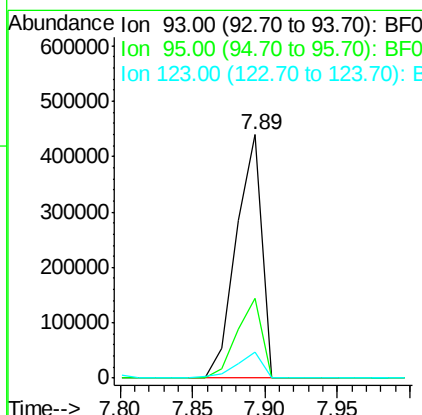
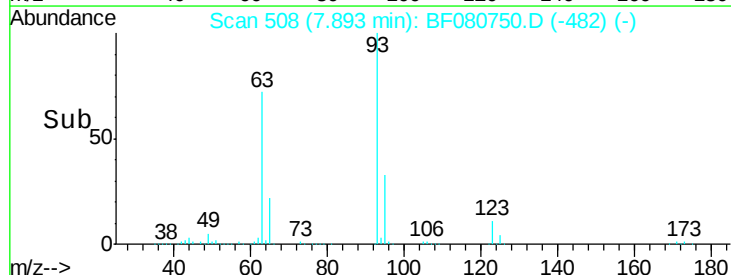
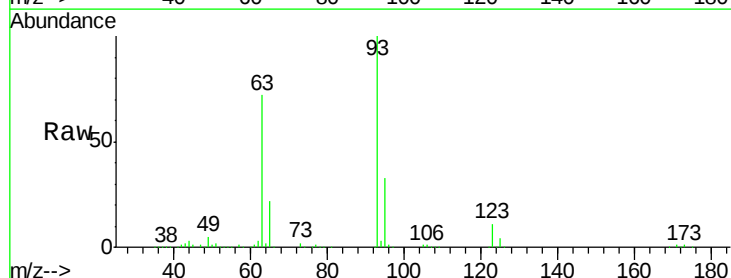
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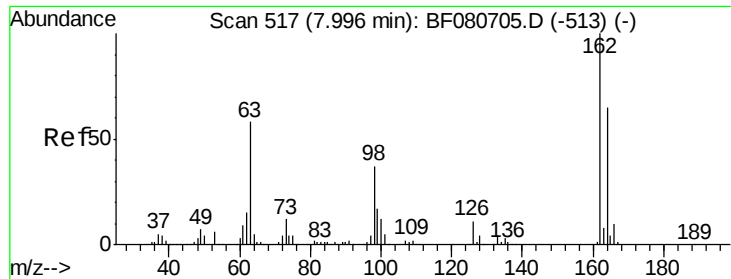
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 8/3/2015 11:55:58 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.03 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	536232		
95	32.5	26.0	39.0	
123	10.6	8.2	12.4	





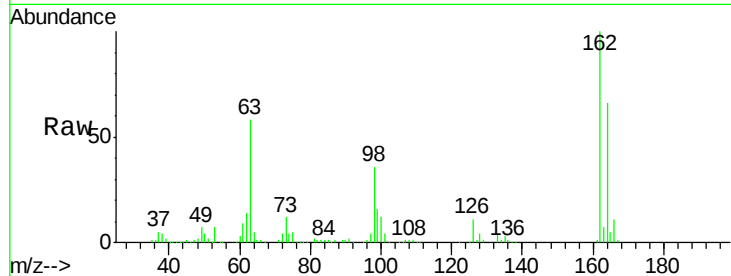
#29
2,4-Dichlorophenol
Concen: 51.29 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

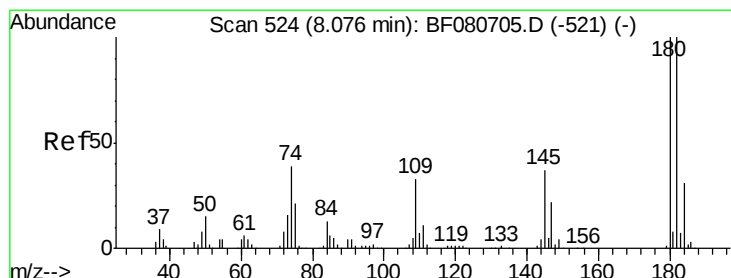
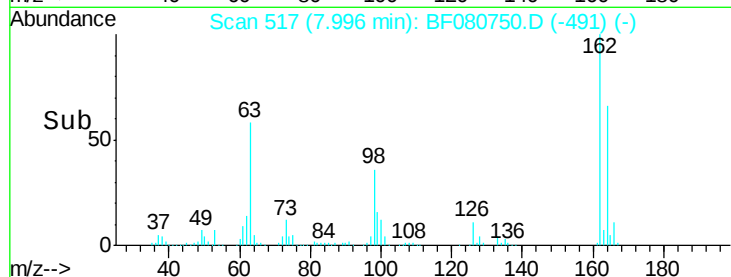
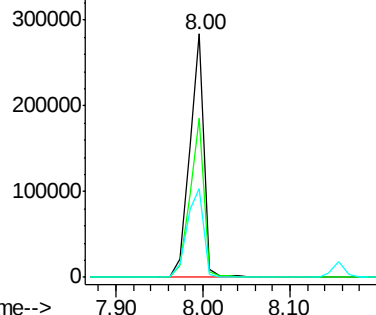
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	328116		
164	65.6	45.1	85.1	
98	36.3	17.0	57.0	

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8/3/2015 11:55:58 AM

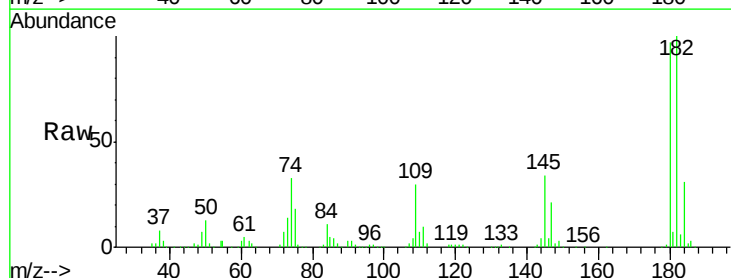


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

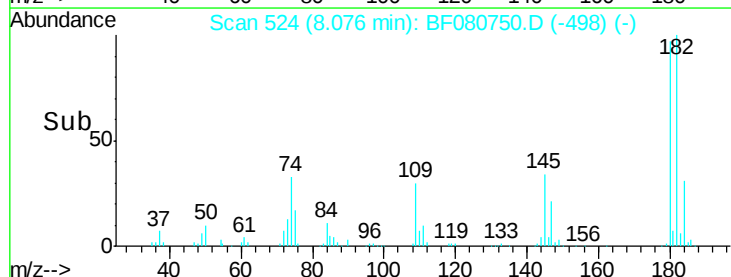
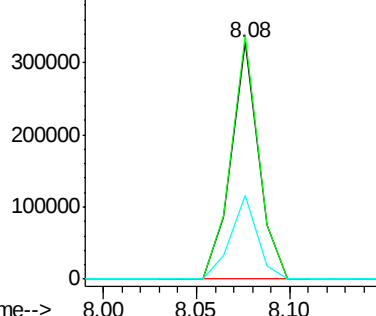


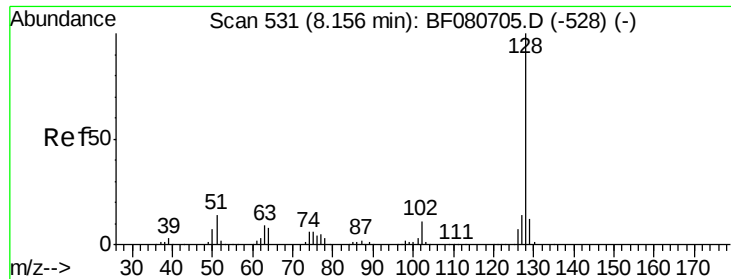
#30
1,2,4-Trichlorobenzene
Concen: 48.37 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	337477		
182	102.8	79.8	119.8	
145	35.4	29.8	44.6	



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





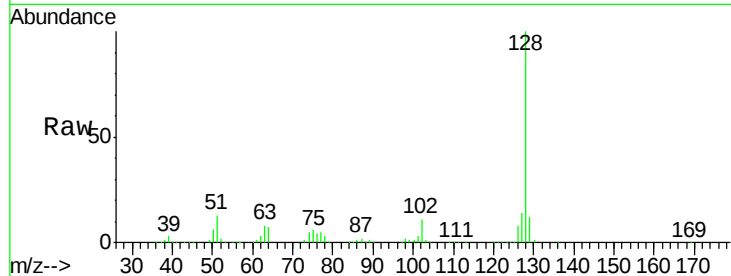
#31
Naphthalene
Concen: 46.12 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

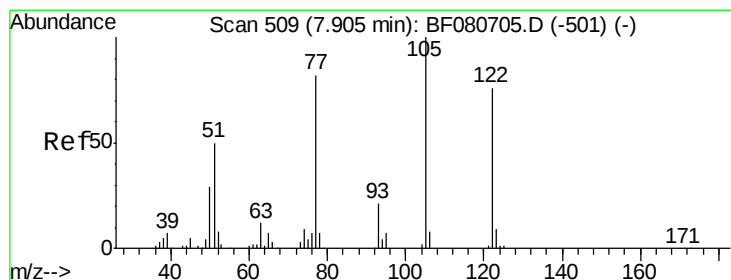
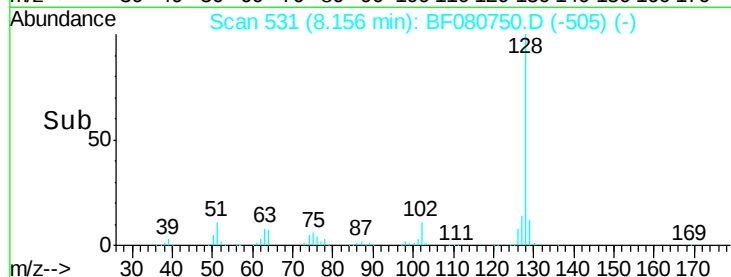
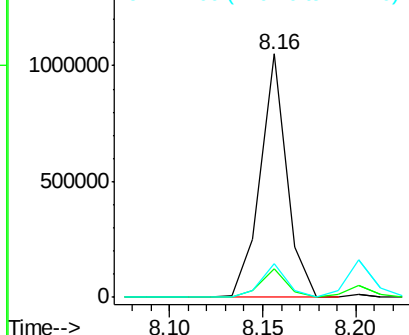
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.7	11.0	16.6

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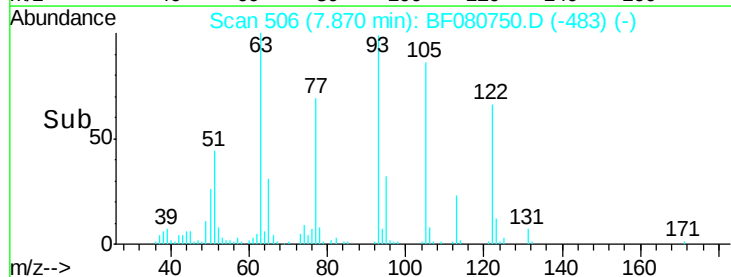
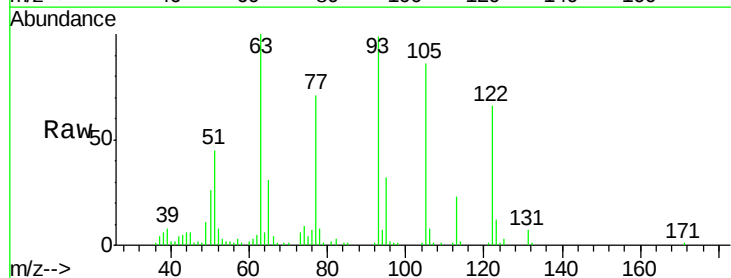
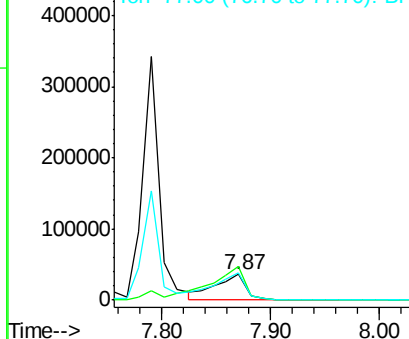
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

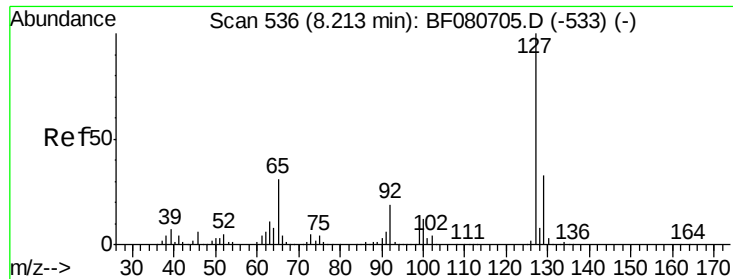


#32
Benzoic acid
Concen: 14.64 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.6	111.3	151.3
77	108.1	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





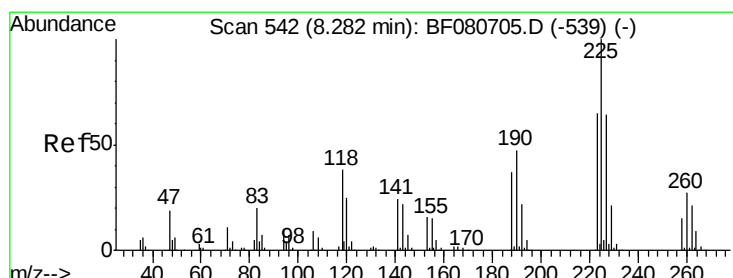
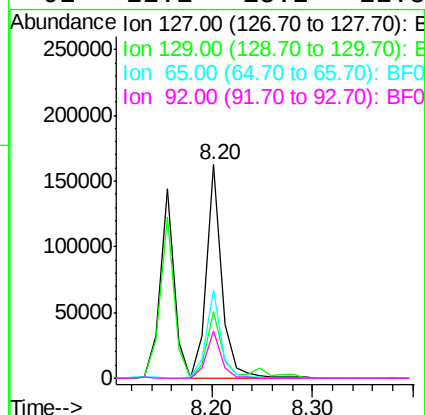
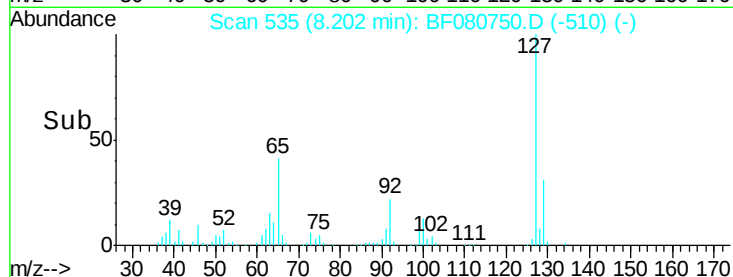
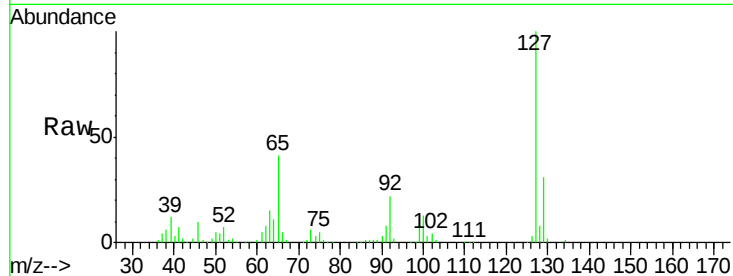
#33
 4-Chloroaniline
 Concen: 18.09 ng
 RT: 8.20 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	26.7	40.1	
65	41.1	24.5	36.7	
92	22.1	15.2	22.8	

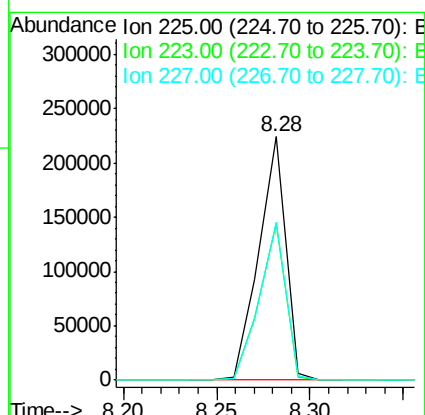
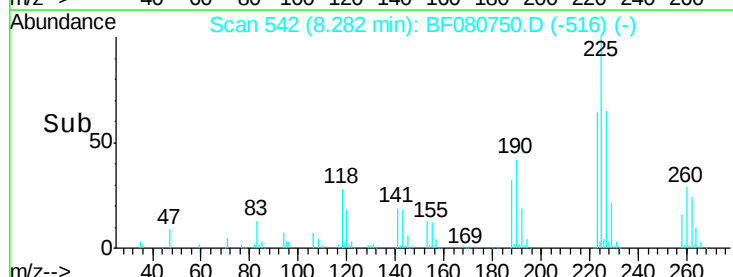
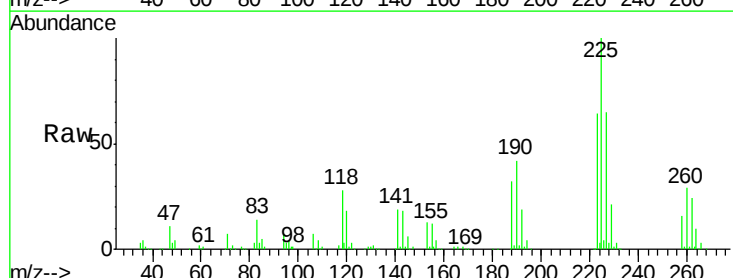
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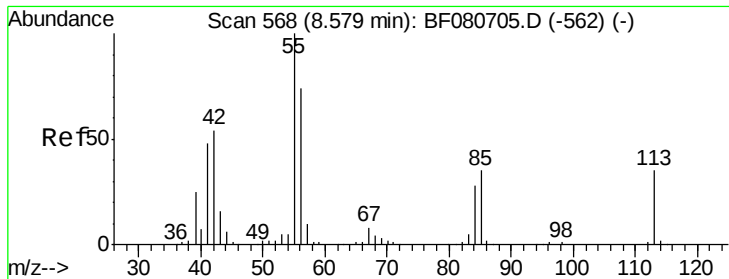
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 8/3/2015 11:55:58 AM



#34
 Hexachlorobutadiene
 Concen: 49.44 ng
 RT: 8.28 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	51.7	77.5	
227	64.7	51.0	76.4	





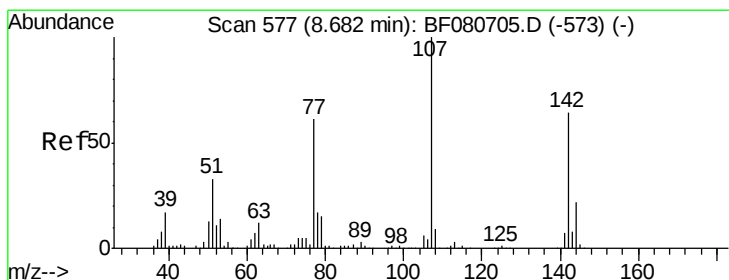
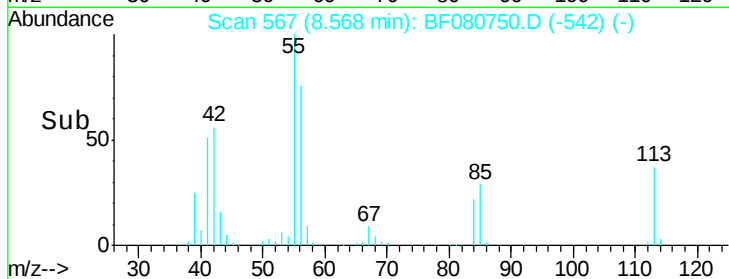
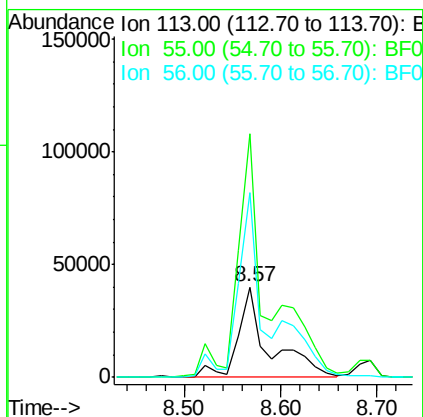
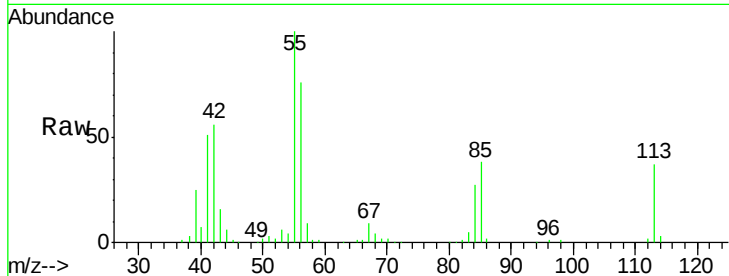
#35
 Caprolactam
 Concen: 46.75 ng m
 RT: 8.57 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
113	100		
55	270.1	269.3	309.3
56	205.3	193.3	233.3

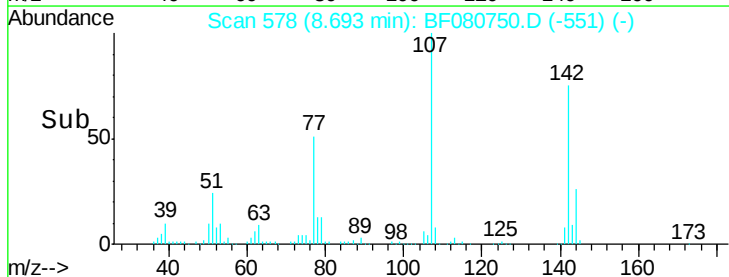
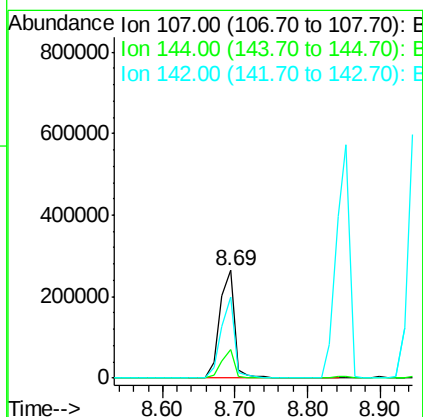
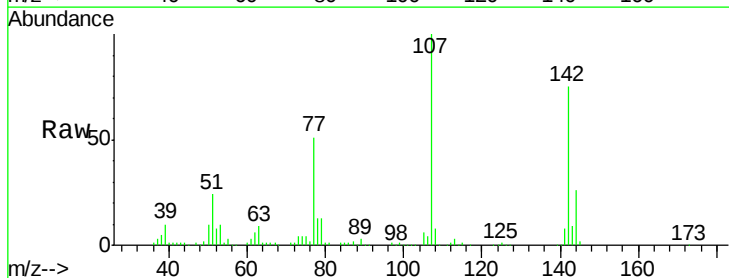
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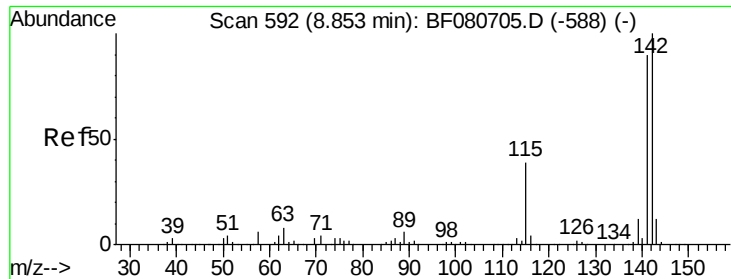
MMDadoda
 8/3/2015 11:55:58 AM



#36
 4-Chloro-3-methylphenol
 Concen: 54.69 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

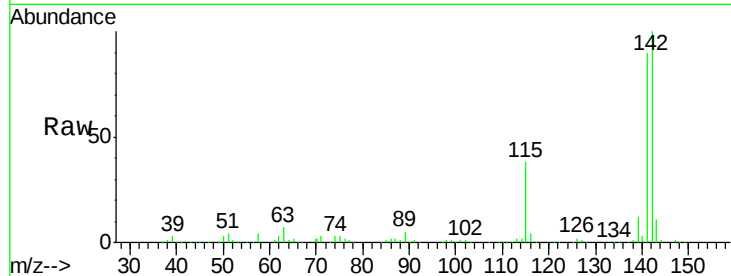
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	17.2	25.8#
142	75.3	51.2	76.8





#37
 2-Methylnaphthalene
 Concen: 50.78 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

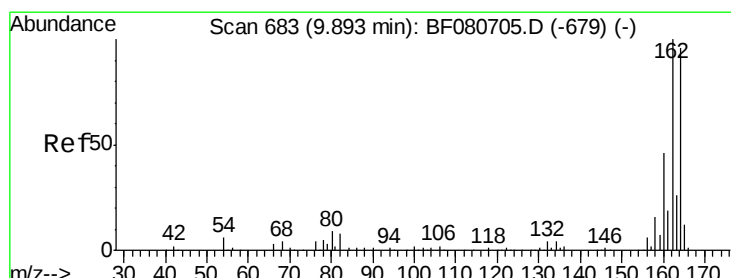
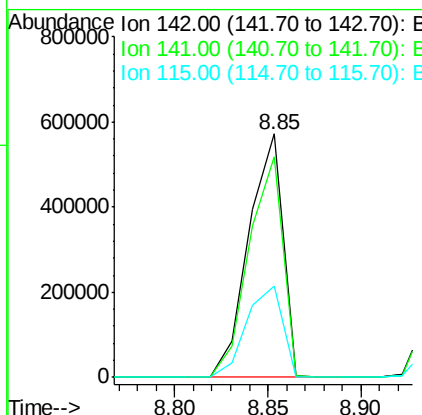
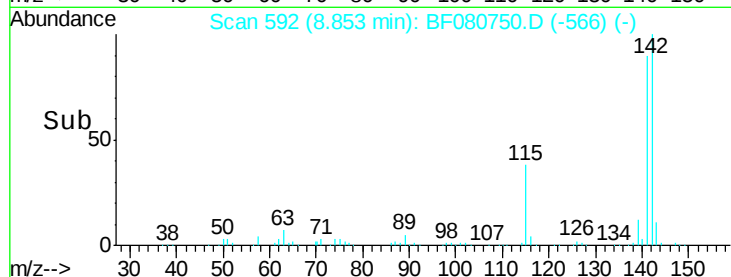
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9
115	37.7	31.4	47.2

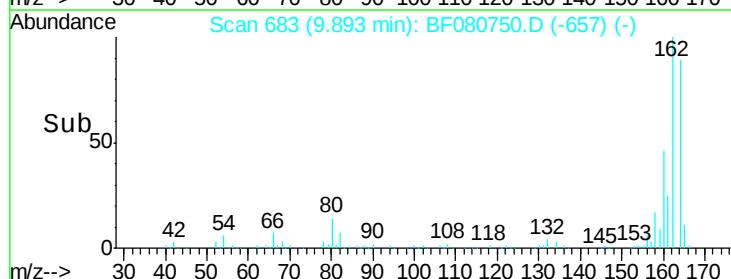
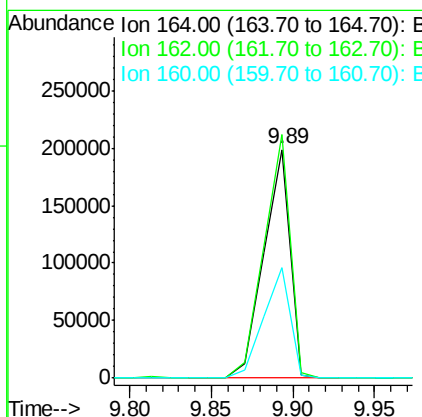
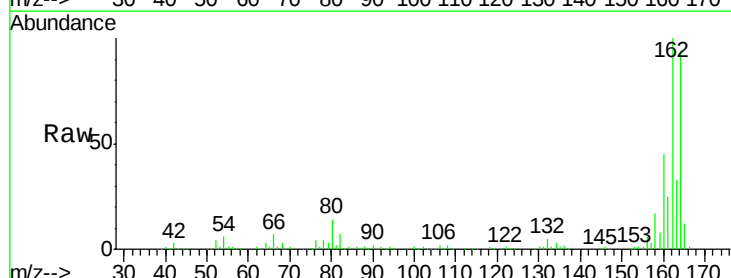
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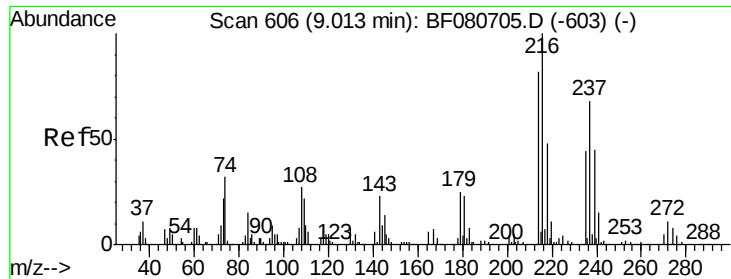
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 8/3/2015 11:55:58 AM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.4	125.0
160	48.3	38.0	57.0





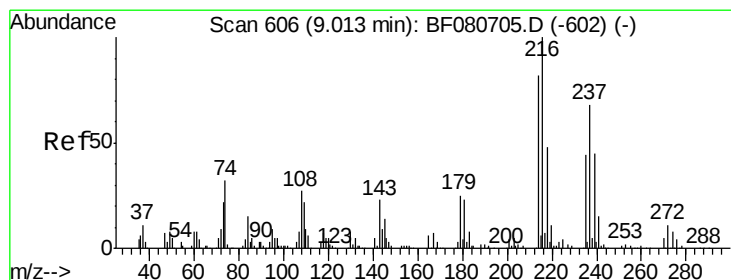
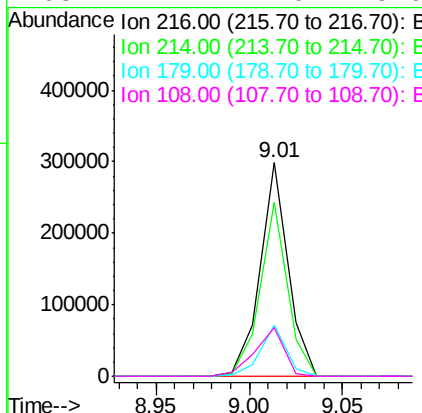
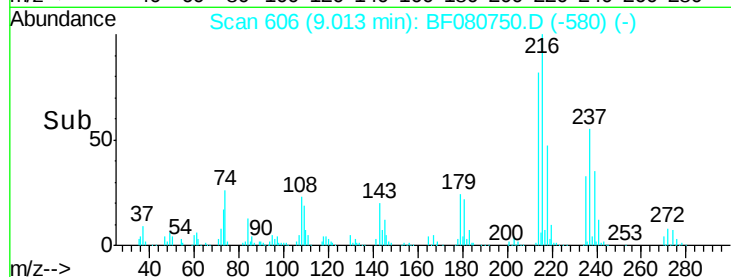
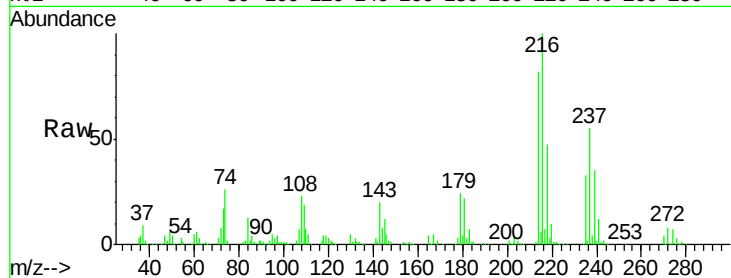
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.26 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Manual Integrations
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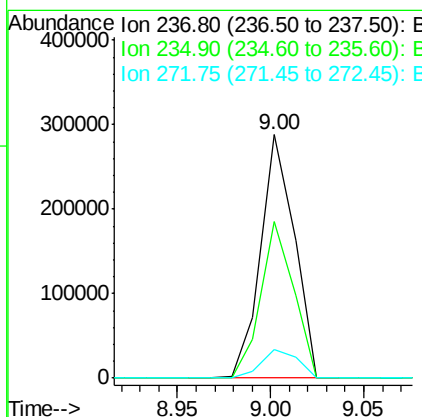
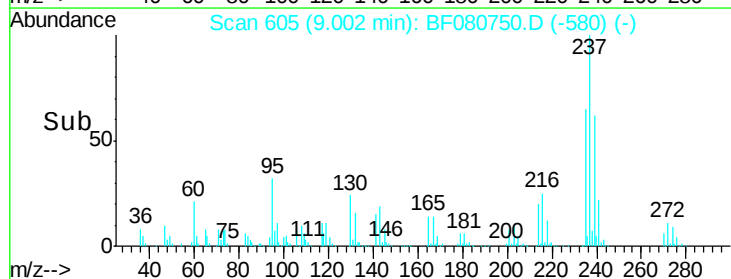
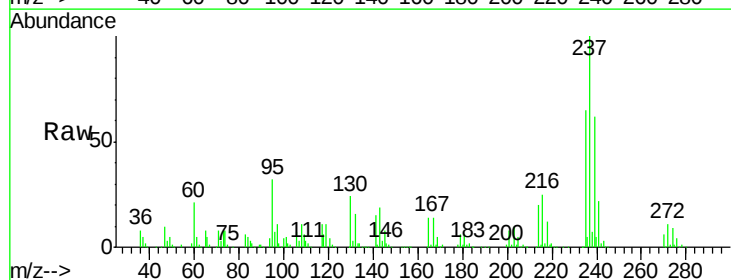
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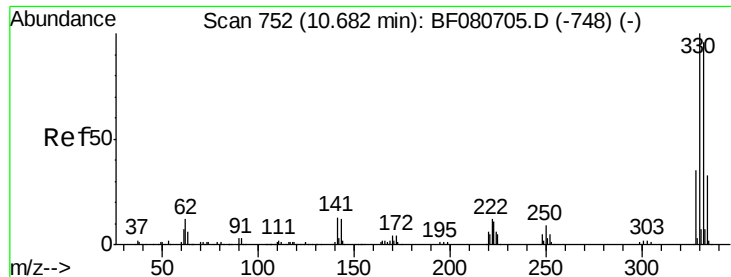
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	308791		
214	79.7	63.1	94.7	
179	22.1	16.9	25.3	
108	24.2	17.0	25.6	



#40
 Hexachlorocyclopentadiene
 Concen: 83.90 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	360111		
235	64.5	44.3	84.3	
272	11.5	0.0	35.5	





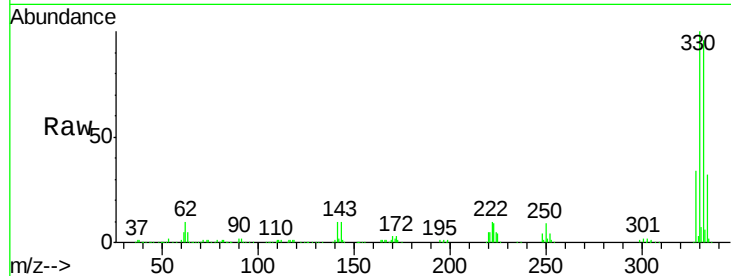
#41
 2,4,6-Tribromophenol
 Concen: 148.73 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

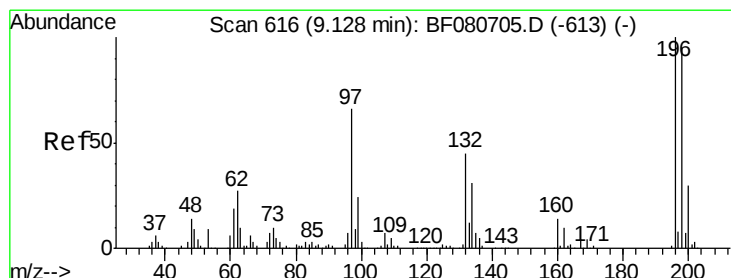
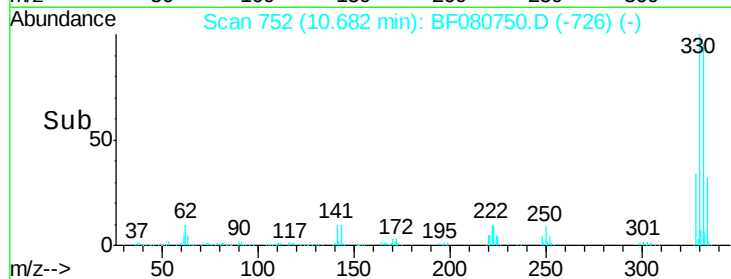
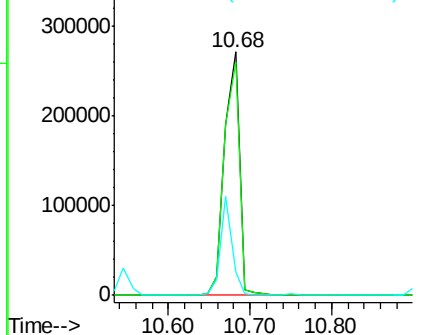
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	342859		
332	97.4	76.6	114.8	
141	32.3	26.0	39.0	

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 8/3/2015 11:55:58 AM



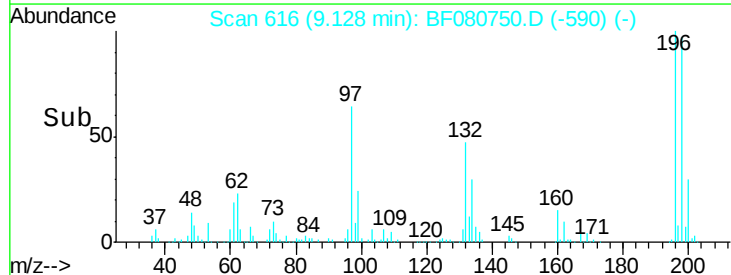
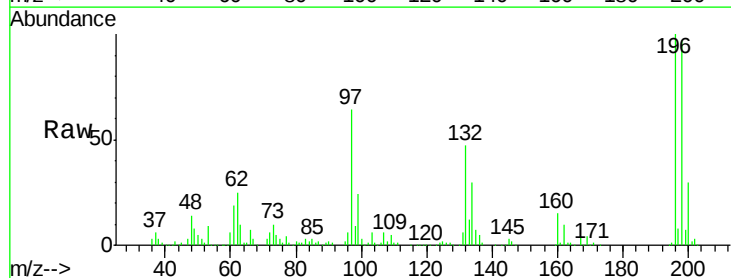
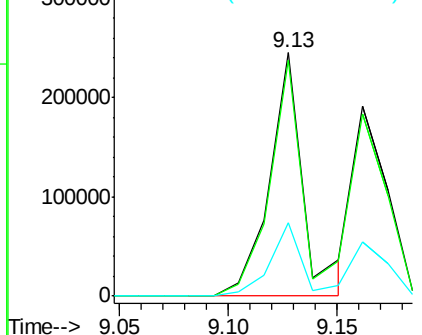
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

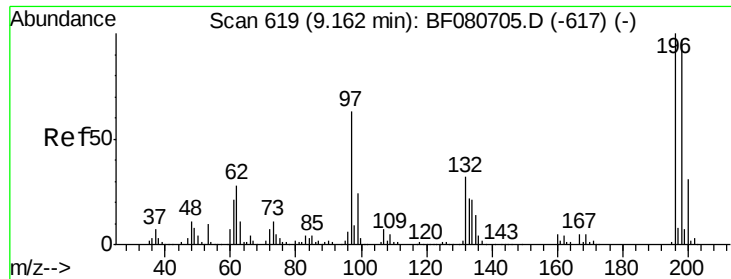


#42
 2,4,6-Trichlorophenol
 Concen: 55.08 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	267321		
198	97.0	75.8	113.8	
200	30.4	24.2	36.2	

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





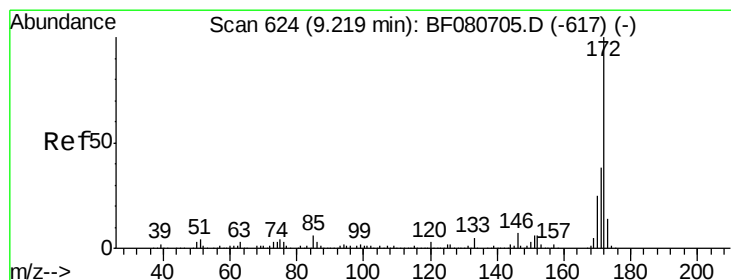
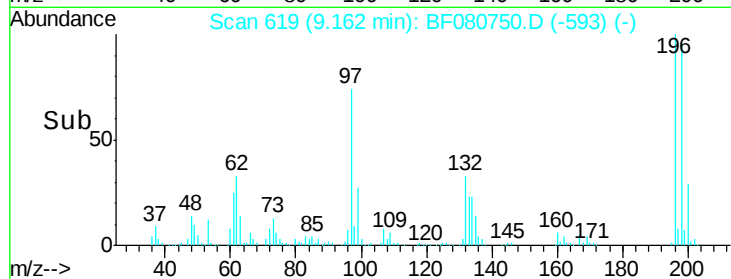
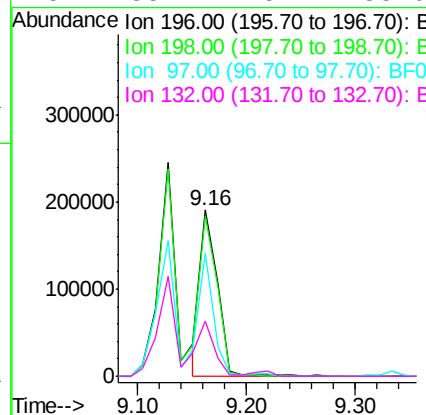
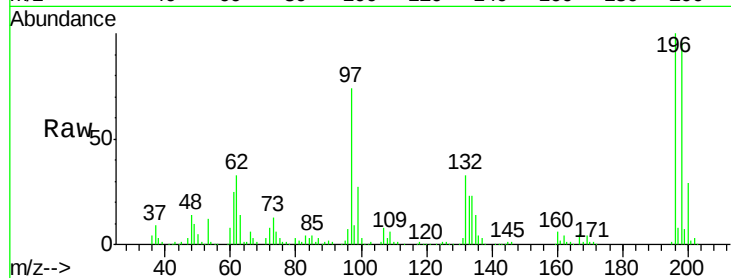
#43
 2,4,5-Trichlorophenol
 Concen: 43.96 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

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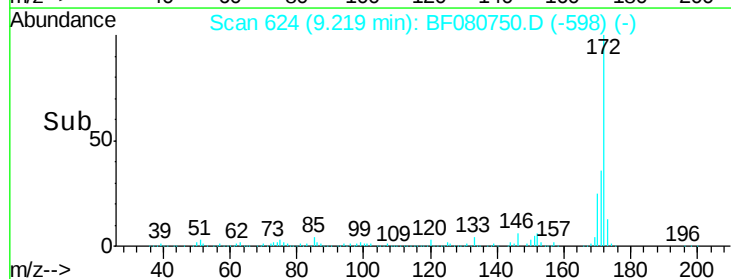
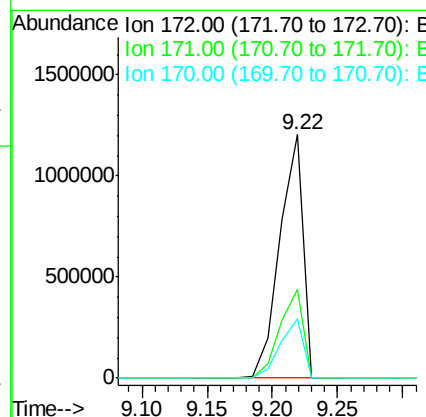
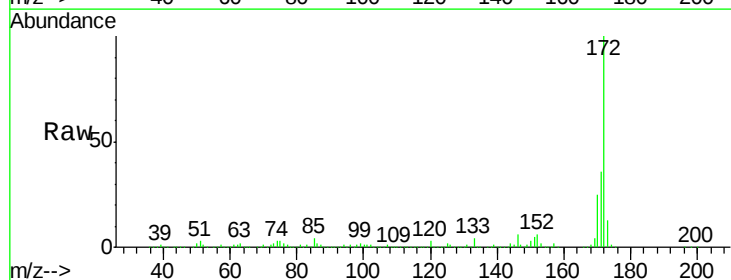
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 8/3/2015 11:55:58 AM

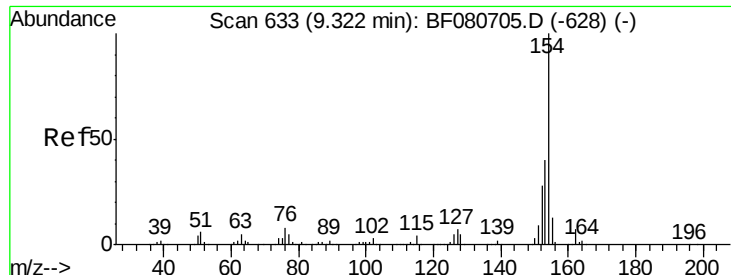
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211618		
198	95.9	77.8	116.8	
97	73.8	49.0	73.4#	
132	33.2	25.4	38.0	



#44
 2-Fluorobiphenyl
 Concen: 101.53 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1511958		
171	36.2	30.2	45.4	
170	24.5	20.2	30.2	





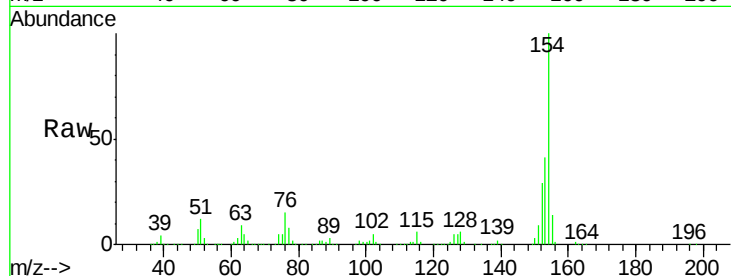
#45
1,1'-Biphenyl
Concen: 45.00 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

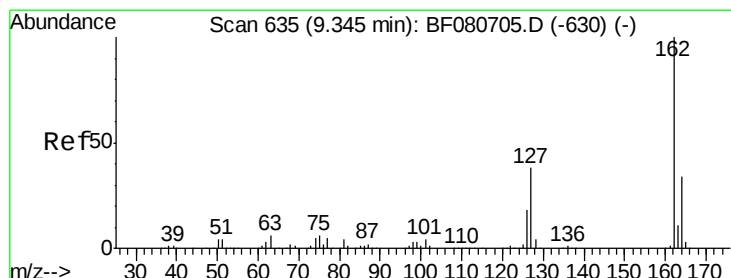
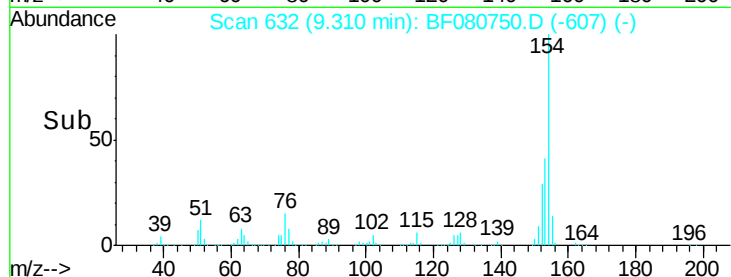
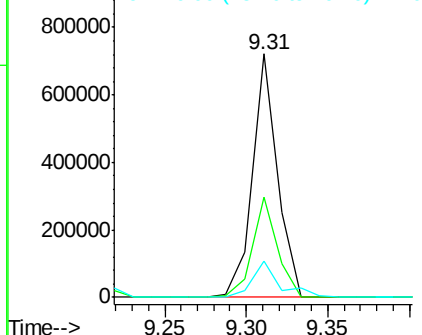
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.9	19.9	59.9
76	15.1	0.0	28.3

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8/3/2015 11:55:58 AM

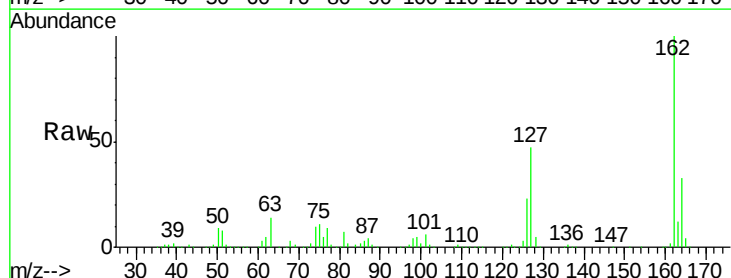


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

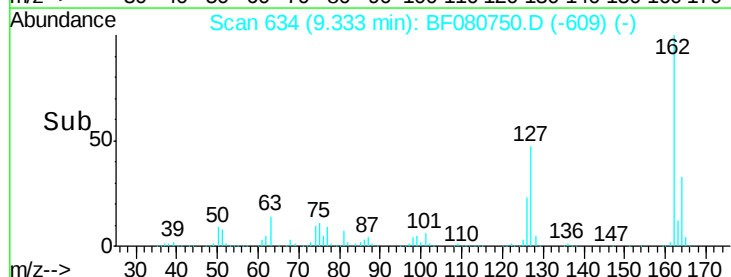
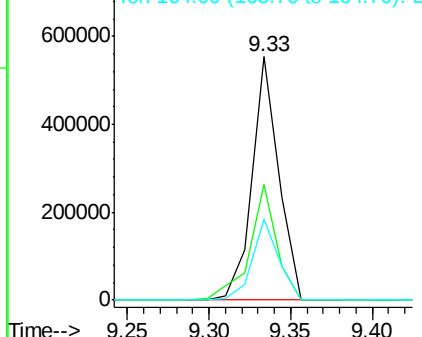


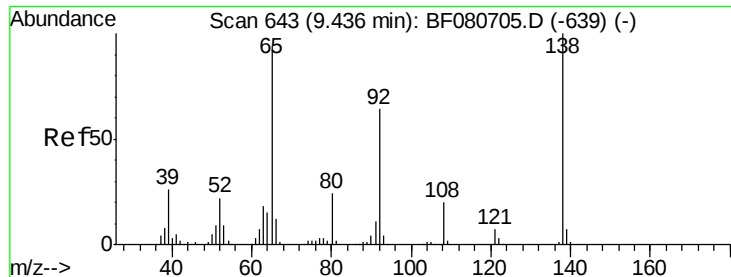
#46
2-Chloronaphthalene
Concen: 44.99 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	47.3	30.2	45.4#
164	33.2	27.1	40.7



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





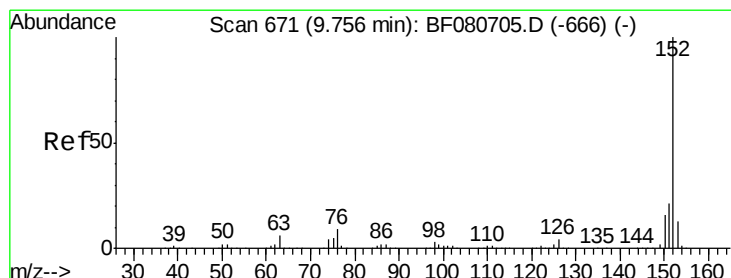
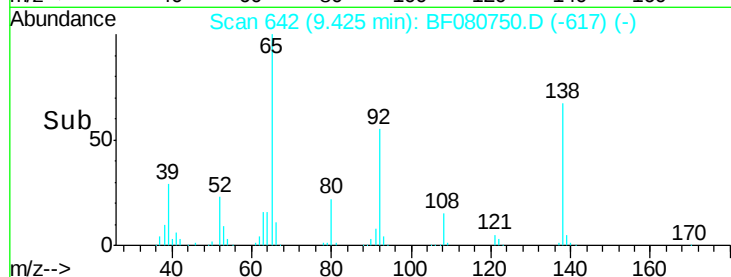
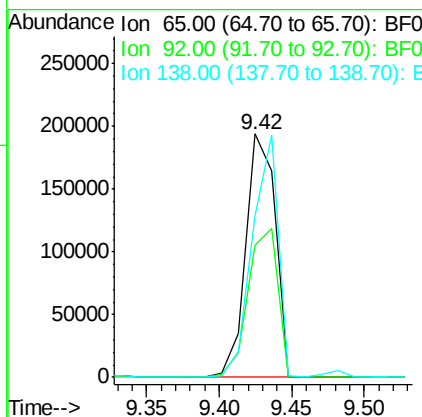
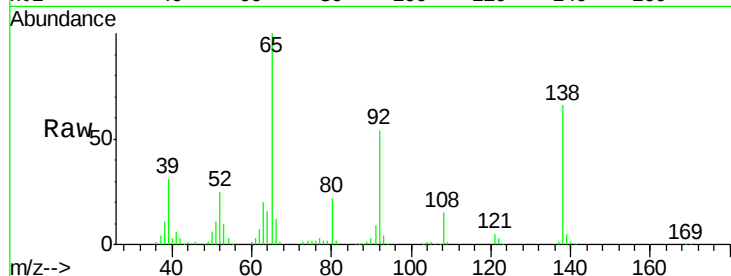
#47
2-Nitroaniline
Concen: 50.44 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	54.1	54.9	82.3#
138	66.5	85.1	127.7#

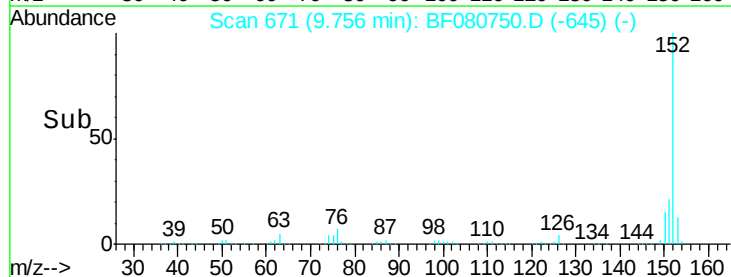
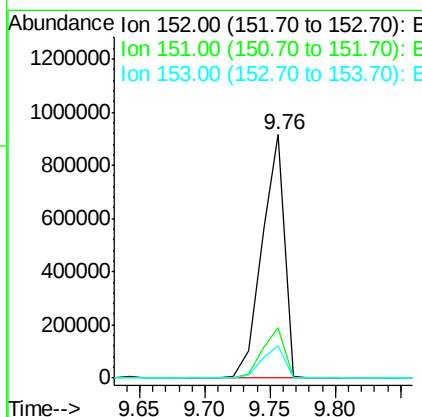
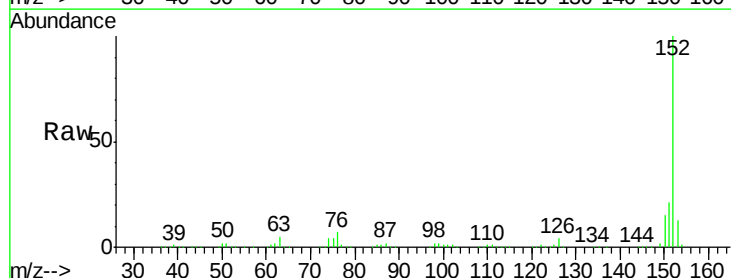
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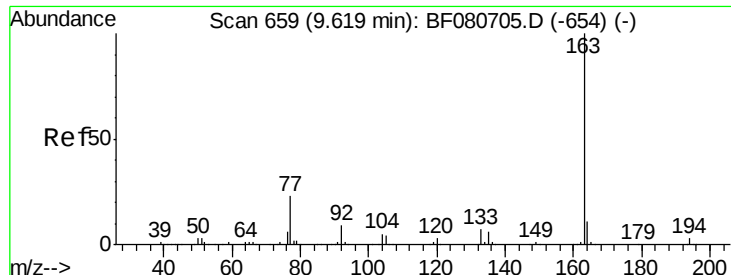
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8/3/2015 11:55:58 AM



#48
Acenaphthylene
Concen: 49.32 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.1	10.8	16.2





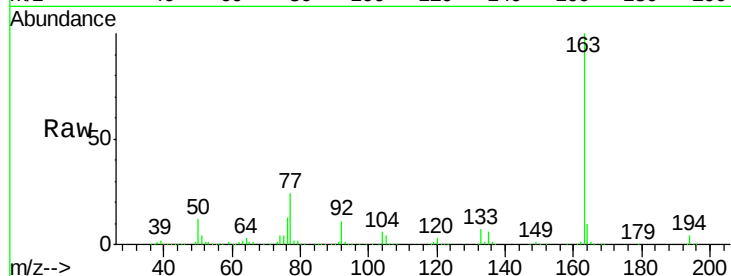
#49
Dimethylphthalate
Concen: 68.69 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

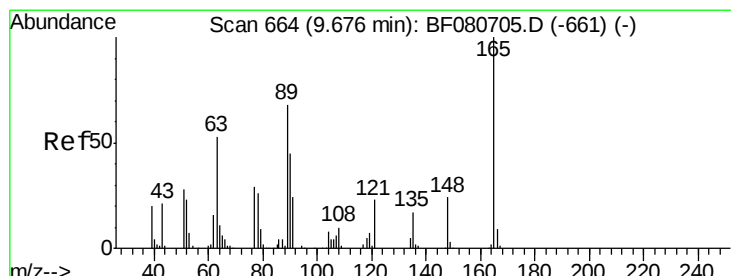
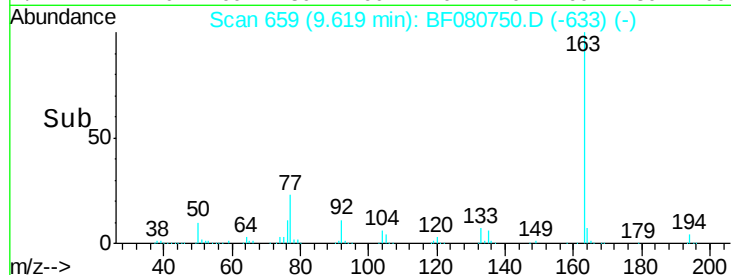
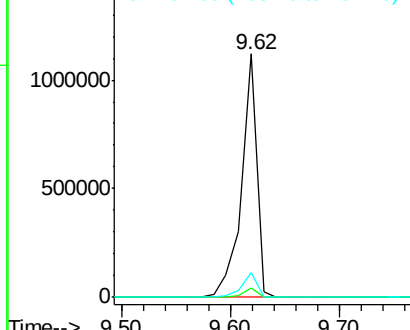
Tgt Ion:163 Resp: 1075393
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.3 8.7 13.1

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8/3/2015 11:55:58 AM

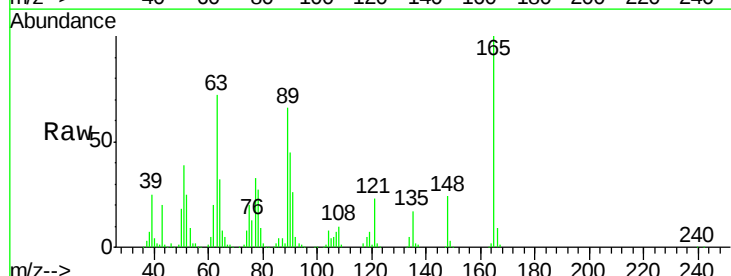


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

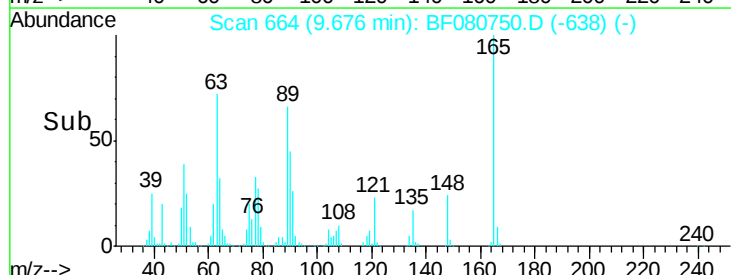
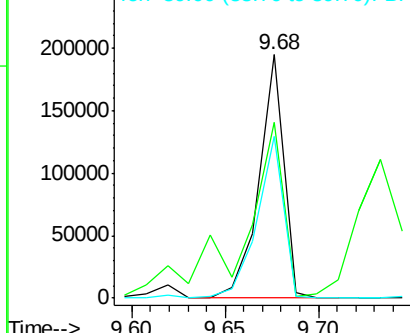


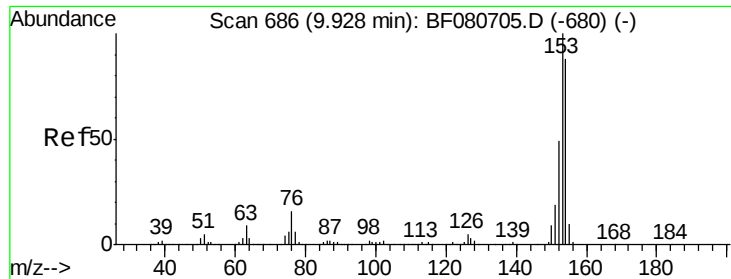
#50
2,6-Dinitrotoluene
Concen: 53.65 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion:165 Resp: 178255
Ion Ratio Lower Upper
165 100
63 72.4 62.3 93.5
89 66.3 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: 50.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080750.D

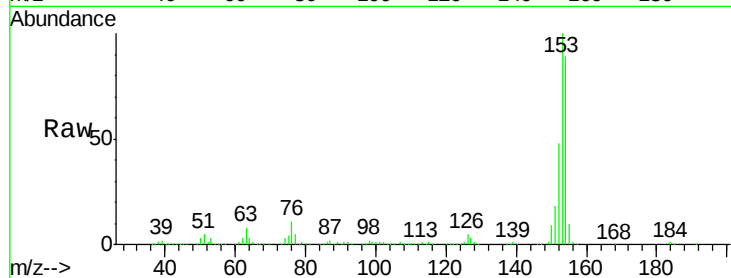
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

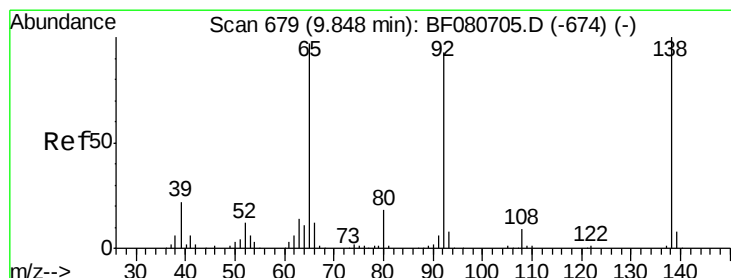
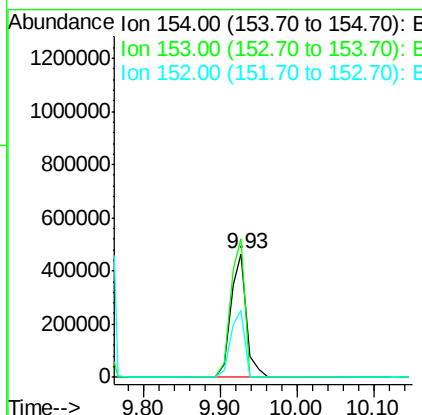
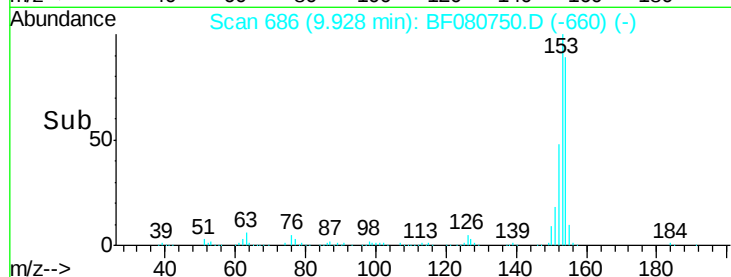
COFF-3RD-2(0-2)MSD



Tgt Ion:	154	Resp:	674896
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.7	136.1
152	54.1	44.2	66.4

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8/3/2015 11:55:58 AM



#52

3-Nitroaniline

Concen: 29.10 ng

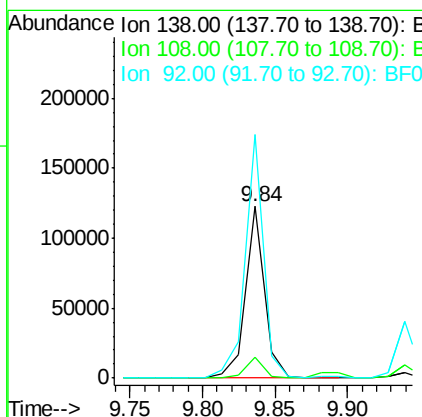
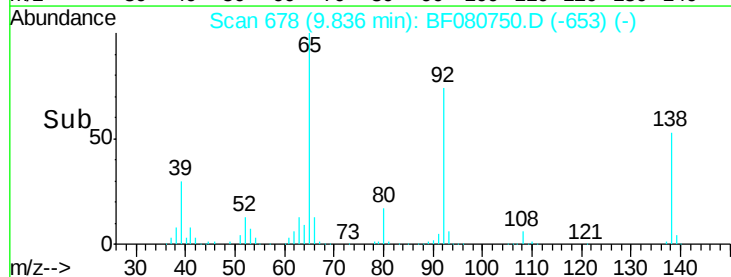
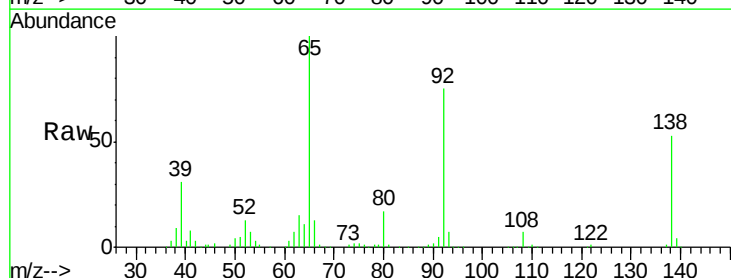
RT: 9.84 min Scan# 678

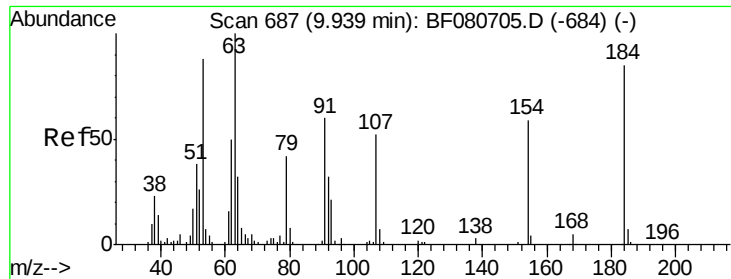
Delta R.T. -0.01 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Tgt Ion:	138	Resp:	111555
Ion Ratio	Lower	Upper	
138	100		
108	12.3	6.9	10.3#
92	142.0	74.1	111.1#





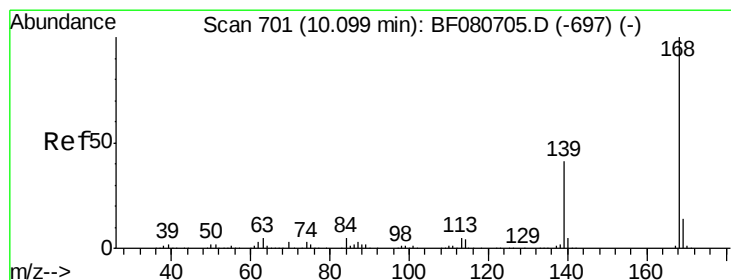
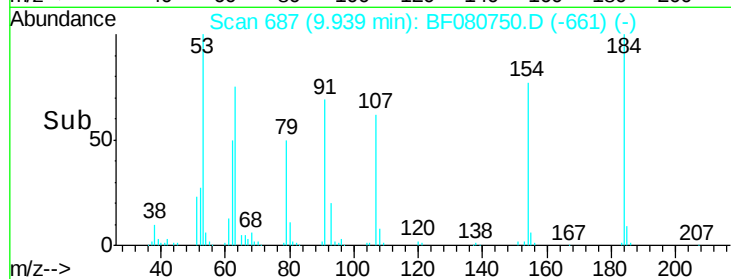
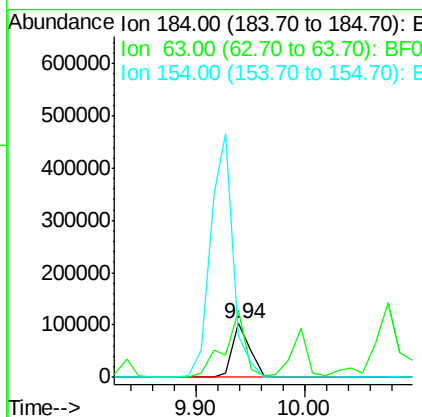
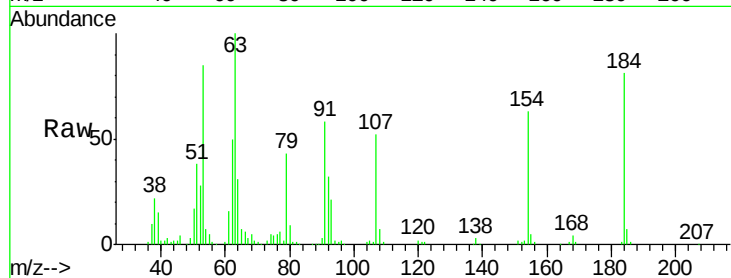
#53
 2,4-Dinitrophenol
 Concen: 63.53 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Manual Integrations
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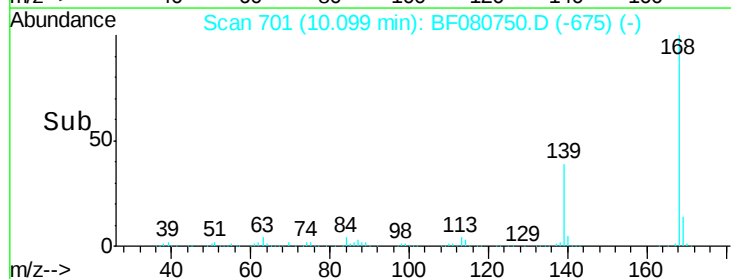
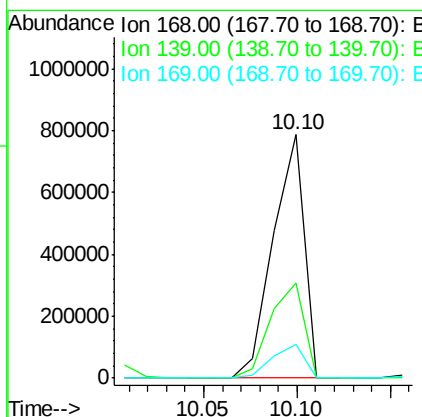
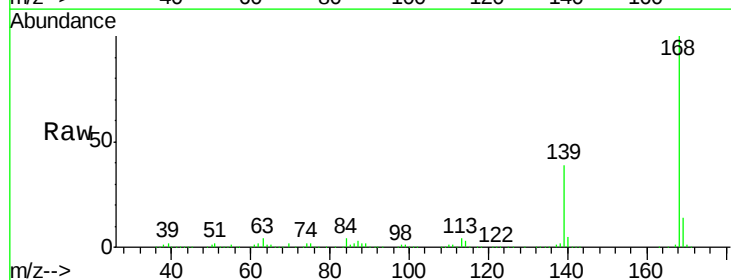
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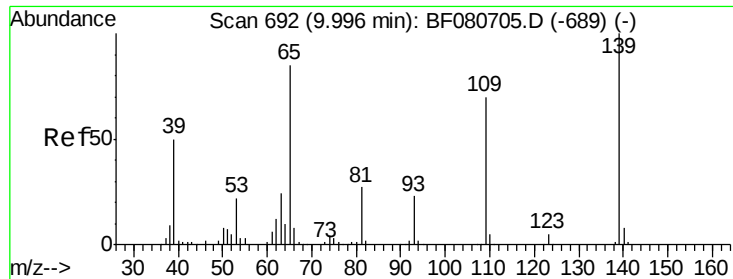
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	112418		
63	123.3	96.0	144.0	
154	77.7	66.0	99.0	



#54
 Dibenzofuran
 Concen: 50.59 ng
 RT: 10.10 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	913216		
139	39.2	33.0	49.6	
169	13.8	11.4	17.2	





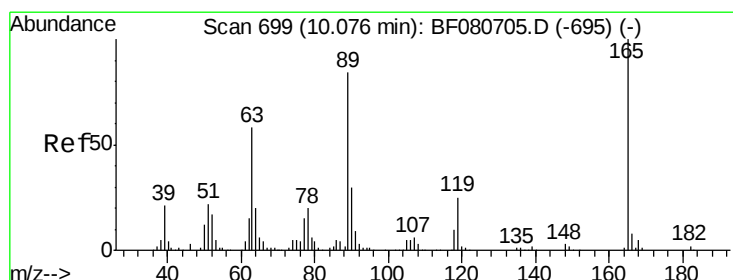
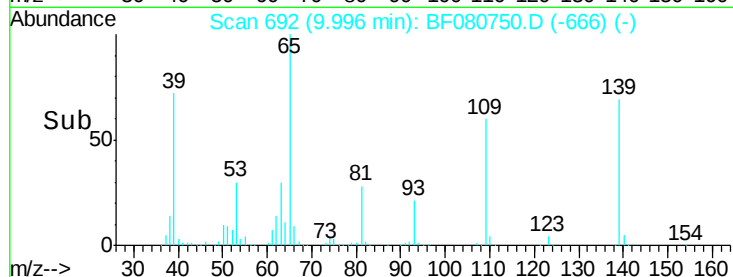
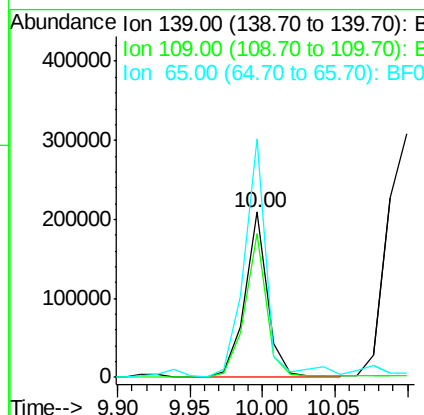
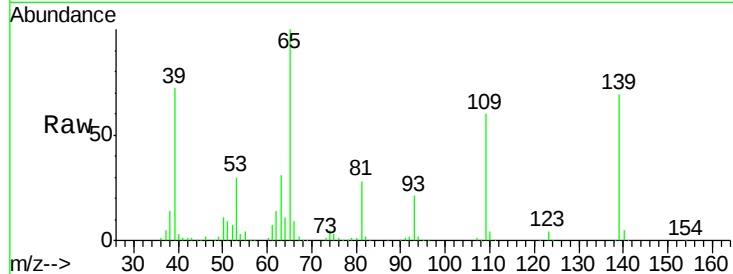
#55
4-Nitrophenol
Concen: 80.58 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	227614		
109	86.9	50.4	90.4	
65	144.3	66.1	106.1#	

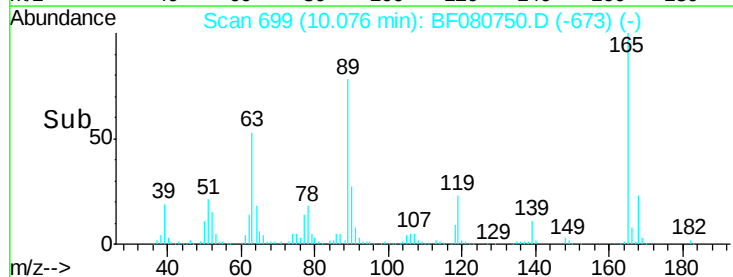
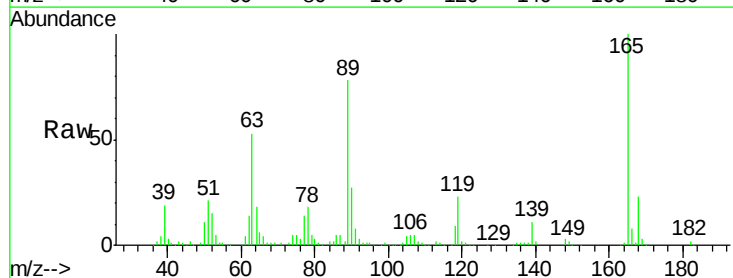
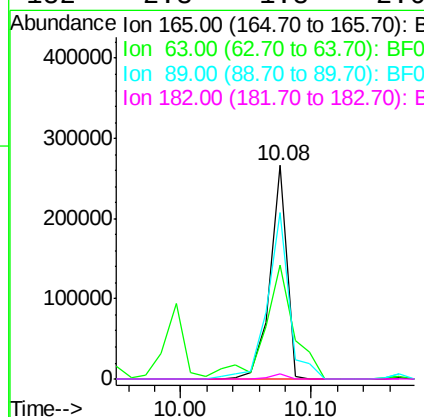
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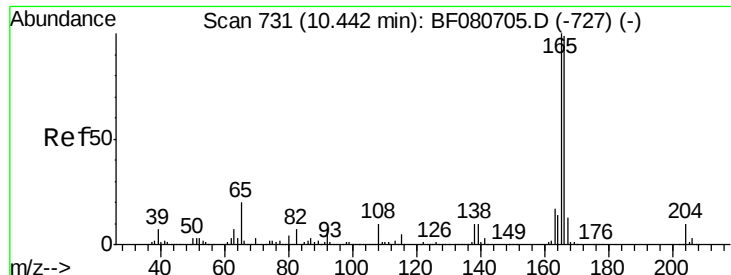
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8/3/2015 11:55:58 AM



#56
2,4-Dinitrotoluene
Concen: 55.42 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

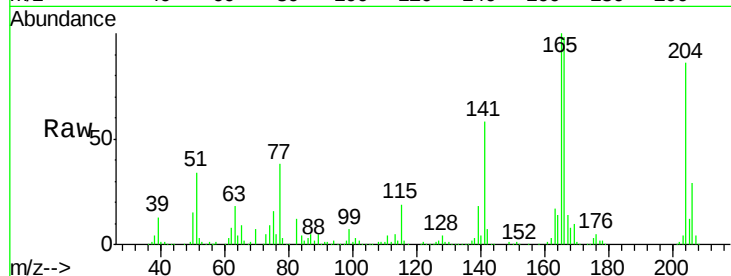
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	241469		
63	53.5	46.7	70.1	
89	77.8	67.4	101.2	
182	2.3	1.8	2.6	





#57
Fluorene
 Concen: 46.96 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

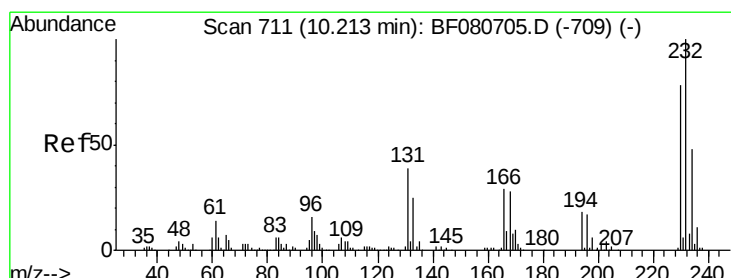
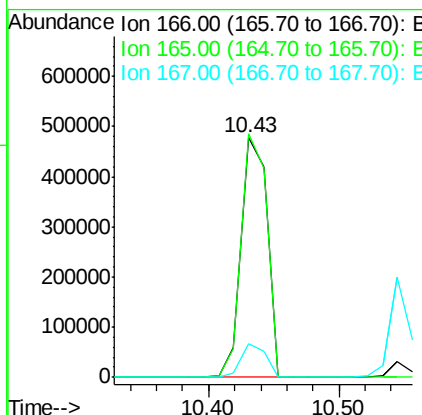
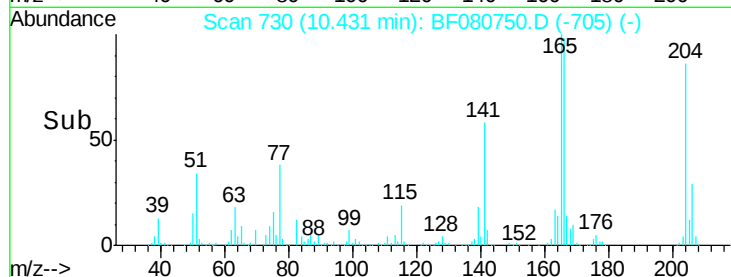
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	657978		
165	101.8	81.0	121.4	
167	14.0	10.8	16.2	

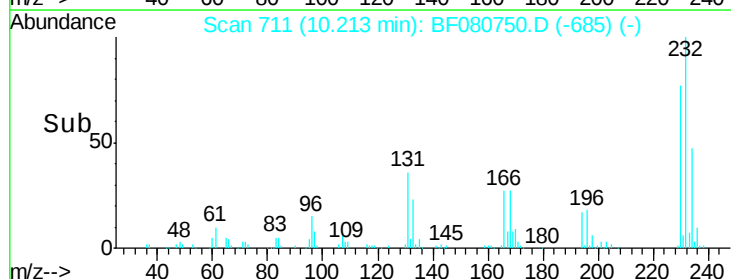
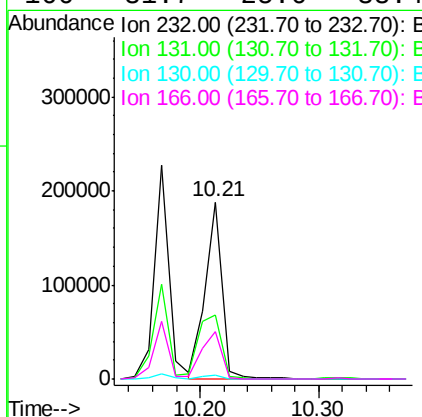
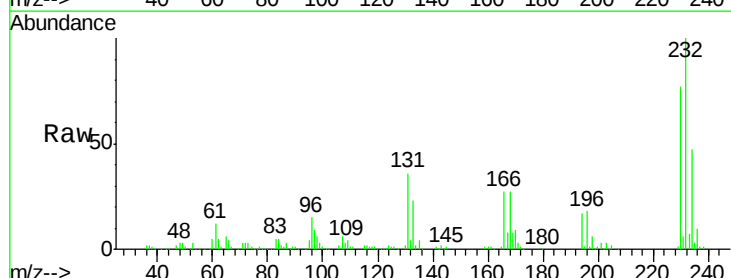
Manual Integrations
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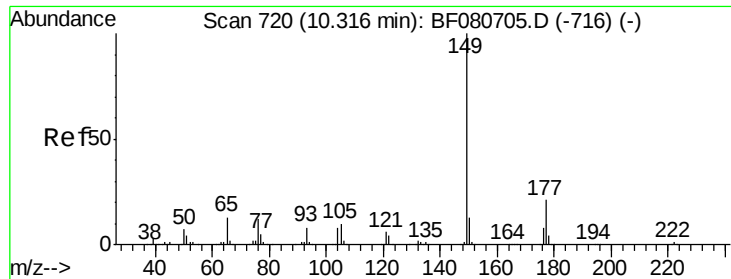
MMDadoda
 8/3/2015 11:55:58 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.51 ng
 RT: 10.21 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	187023		
131	49.7	38.2	57.2	
130	2.4	1.8	2.6	
166	31.7	25.6	38.4	





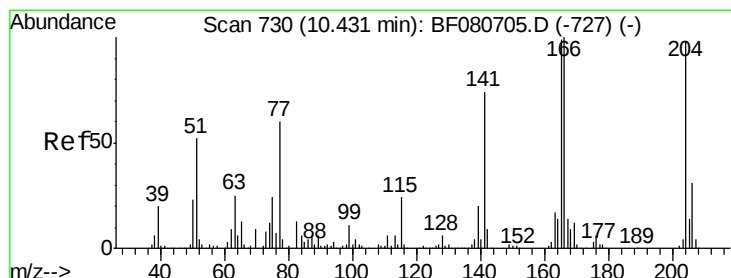
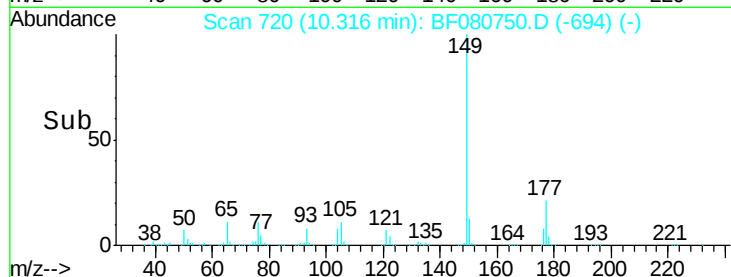
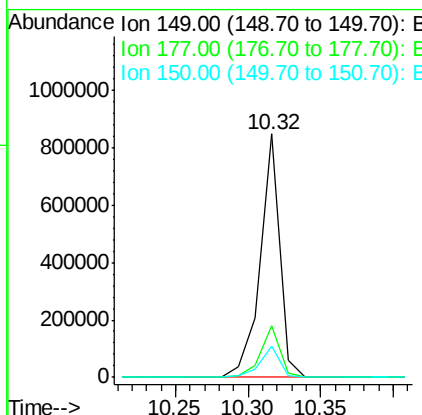
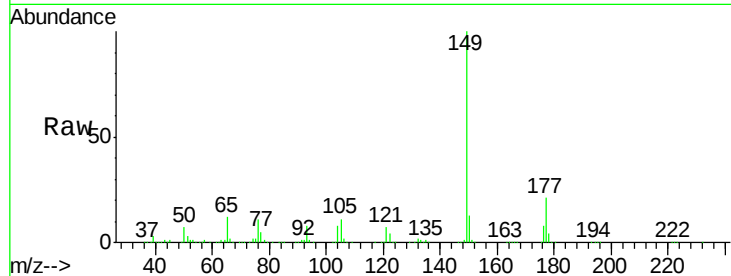
#59
Diethylphthalate
Concen: 52.56 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	793181		
177	21.1	16.6	25.0	
150	12.9	10.2	15.4	

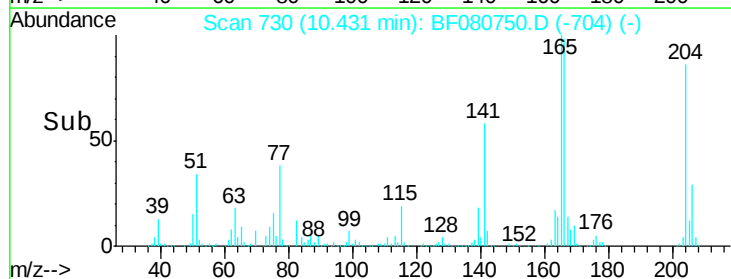
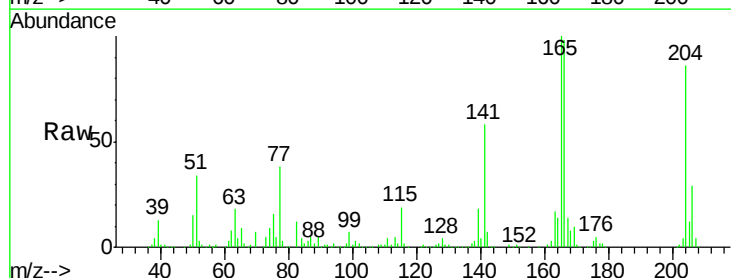
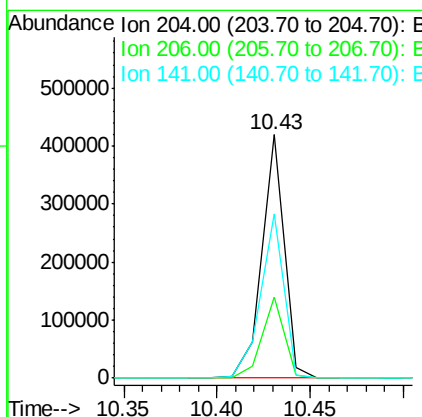
Manual Integrations
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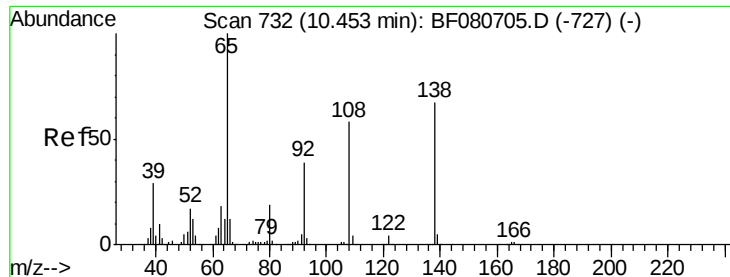
MMDadoda
8/3/2015 11:55:58 AM



#60
4-Chlorophenyl-phenylether
Concen: 57.45 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	345410		
206	33.2	25.1	37.7	
141	67.5	60.3	90.5	





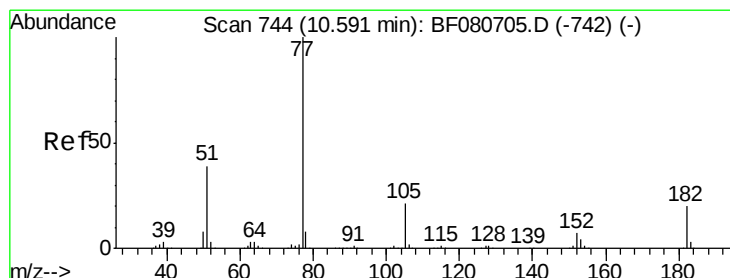
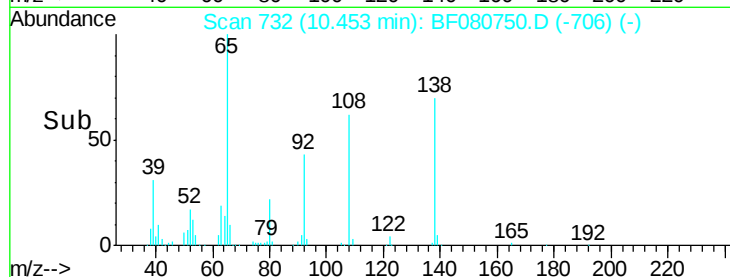
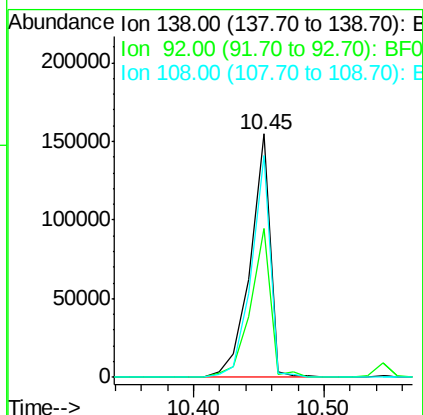
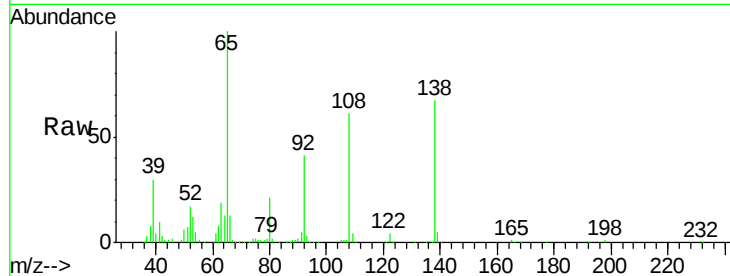
#61
4-Nitroaniline
Concen: 47.66 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.2	38.2	78.2
108	91.0	66.3	106.3

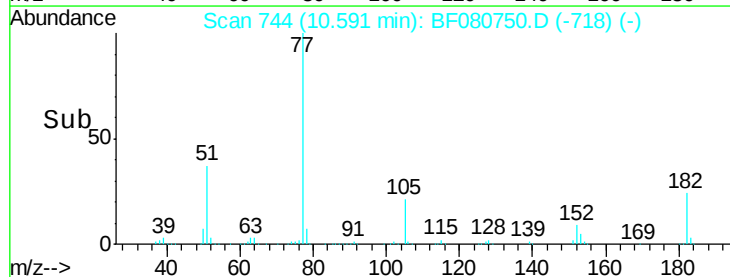
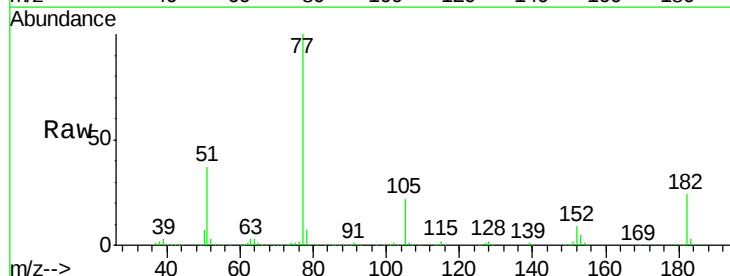
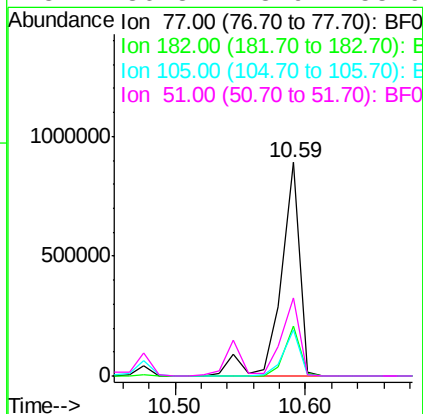
Manual Integrations
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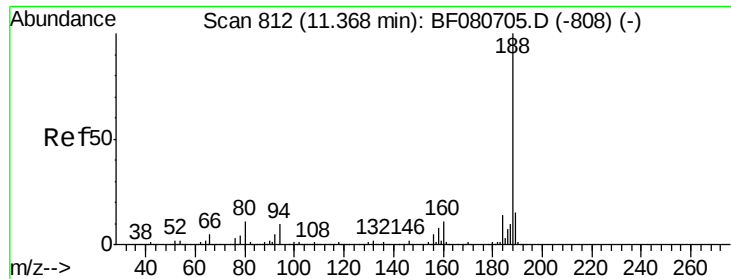
MMDadoda
8/3/2015 11:55:58 AM



#62
Azobenzene
Concen: 55.99 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	0.0	39.9
105	21.8	1.1	41.1
51	36.8	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: BF080750.D

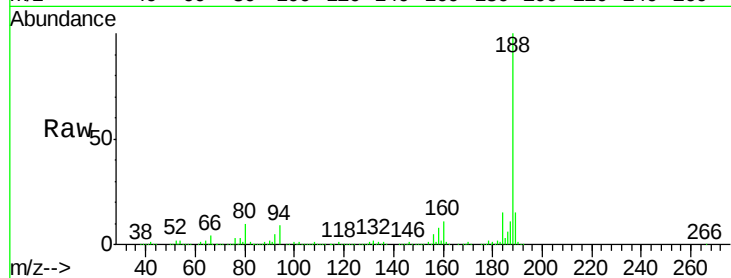
Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

ClientSampleId :

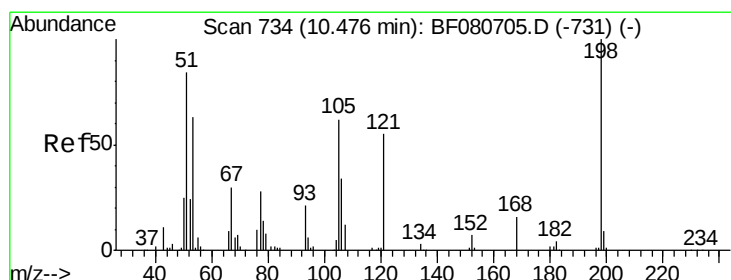
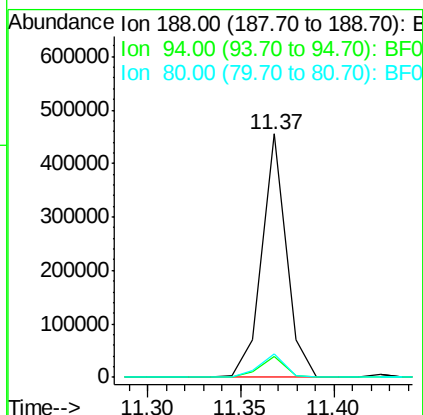
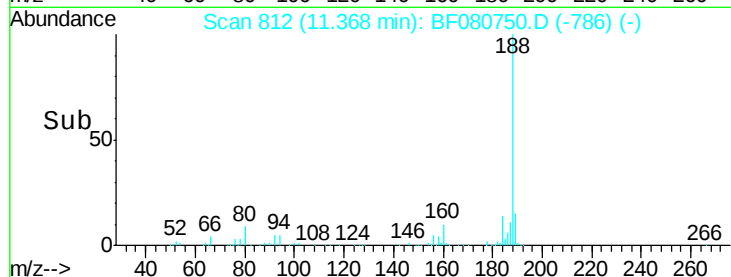
COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	411014		
94	8.7		8.1	12.1
80	9.8		9.1	13.7

Manual Integrations
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MMDadoda
8/3/2015 11:55:58 AM



#64

4,6-Dinitro-2-methylphenol

Concen: 41.10 ng

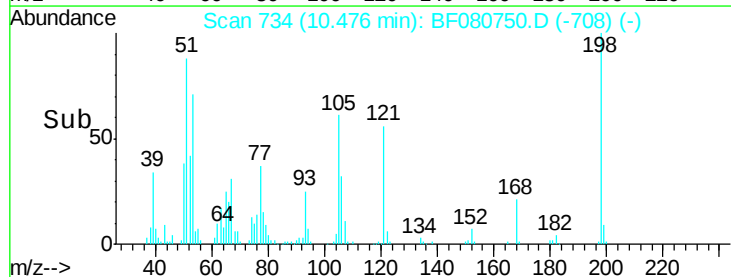
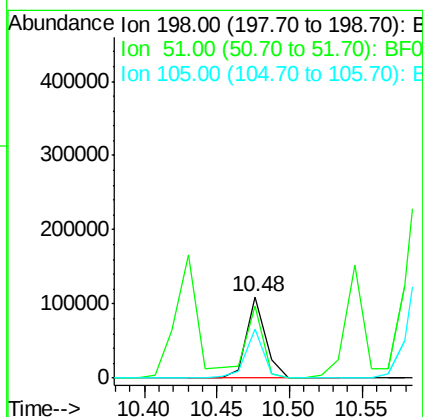
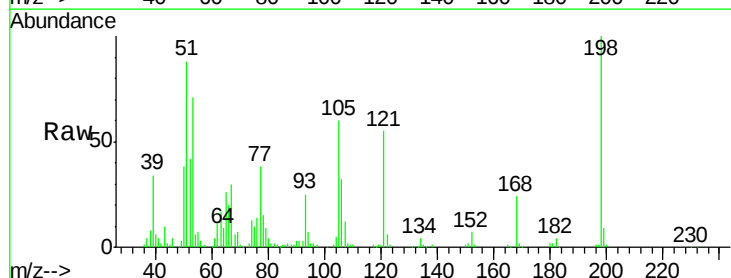
RT: 10.48 min Scan# 734

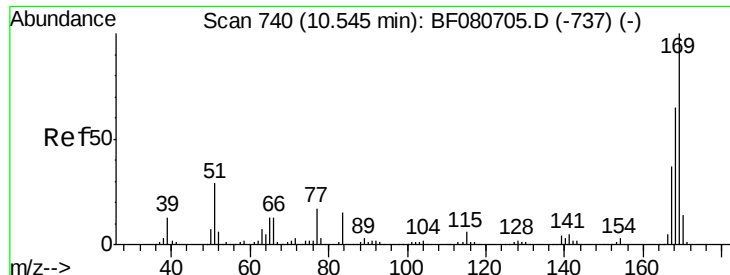
Delta R.T. 0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	101741		
51	88.1		84.6	124.6
105	60.3		43.0	83.0





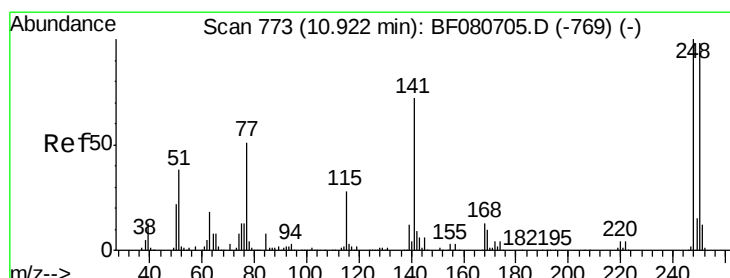
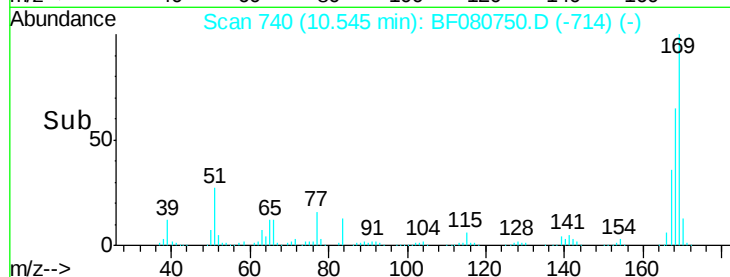
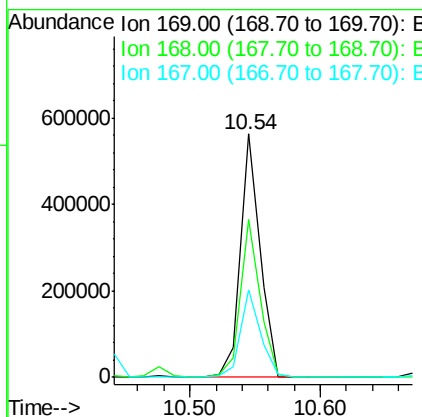
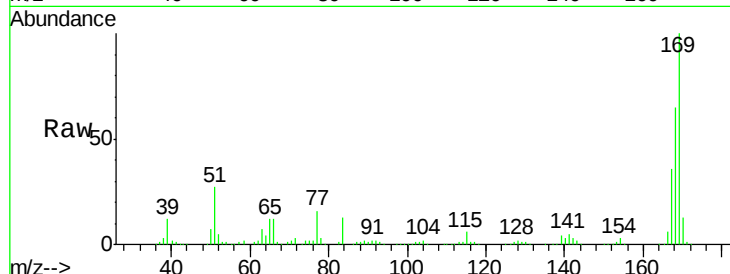
#65
 n-Nitrosodiphenylamine
 Concen: 43.41 ng
 RT: 10.54 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Manual Integrations
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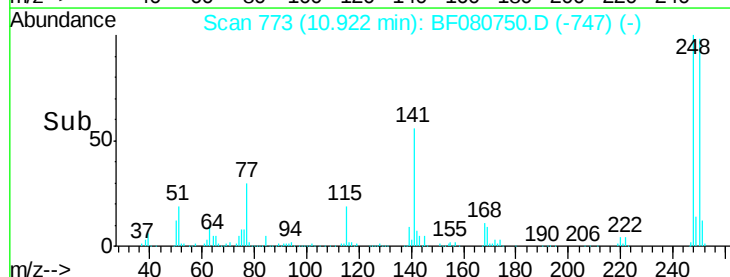
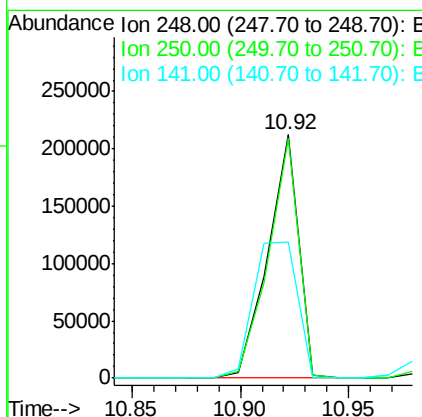
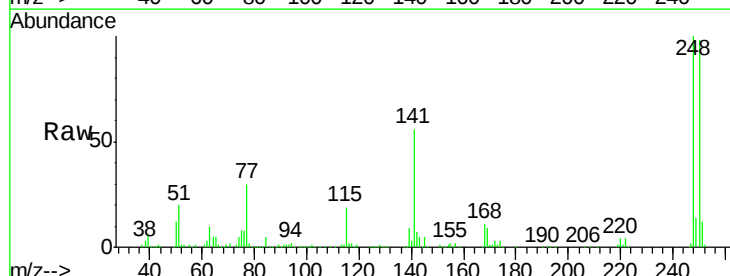
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 8/3/2015 11:55:58 AM

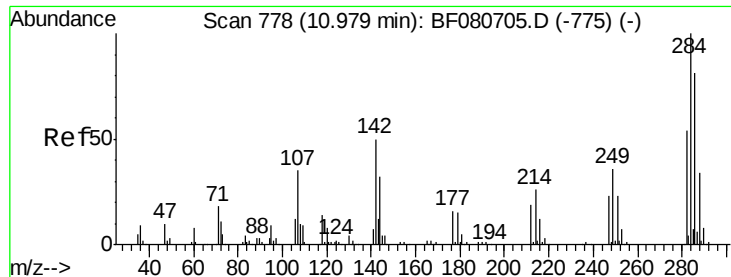
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	584876		
168	64.8	52.1	78.1	
167	35.7	29.3	43.9	



#66
 4-Bromophenyl-phenylether
 Concen: 49.67 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	210750		
250	98.3	78.4	117.6	
141	55.8	57.5	86.3	





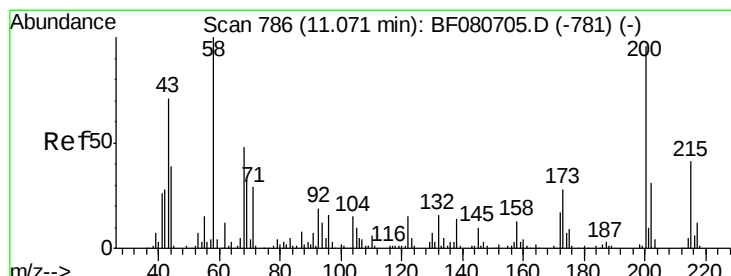
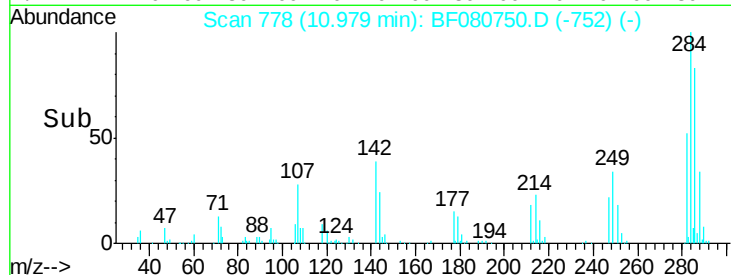
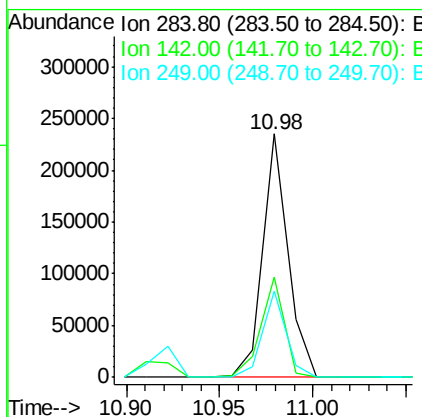
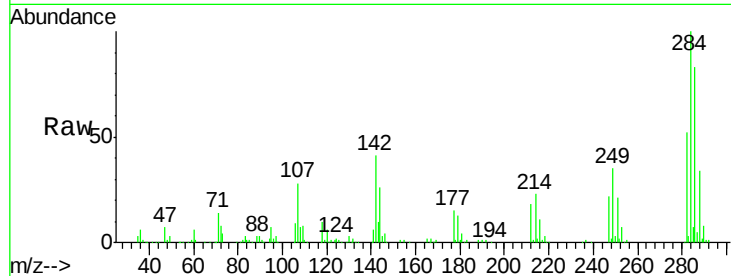
#67
Hexachlorobenzene
Concen: 44.55 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	41.3	39.8	59.6
249	35.4	28.7	43.1

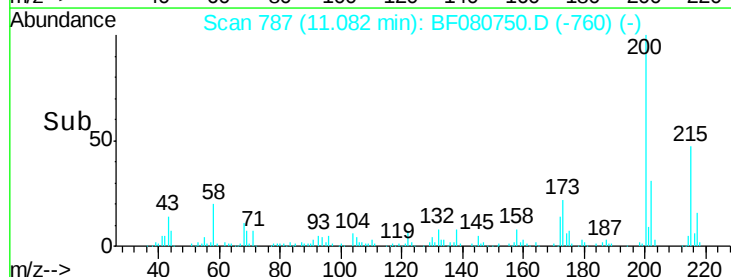
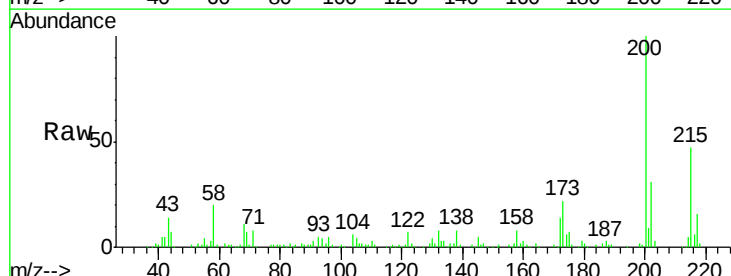
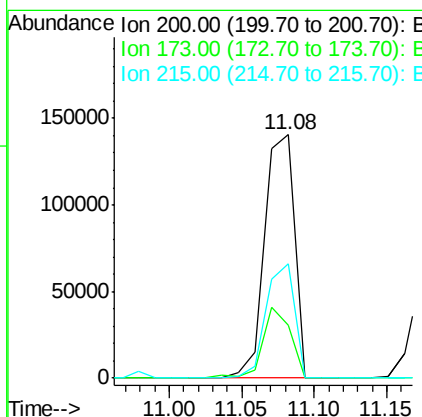
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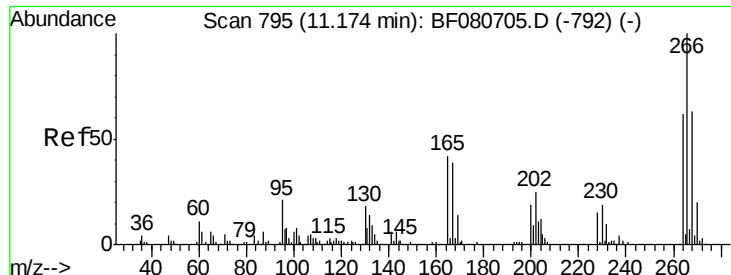
MMDadoda
8/3/2015 11:55:58 AM



#68
Atrazine
Concen: 61.64 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

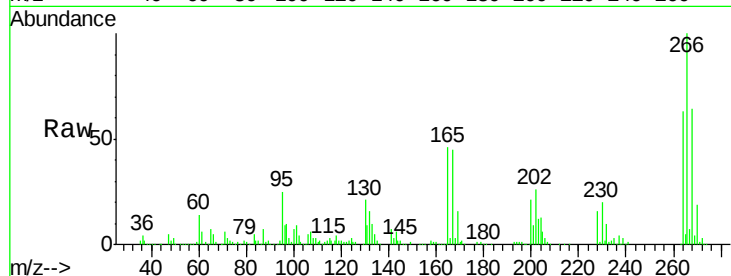
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	21.7	8.6	48.6
215	47.0	22.2	62.2





#69
 Pentachlorophenol
 Concen: 88.84 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

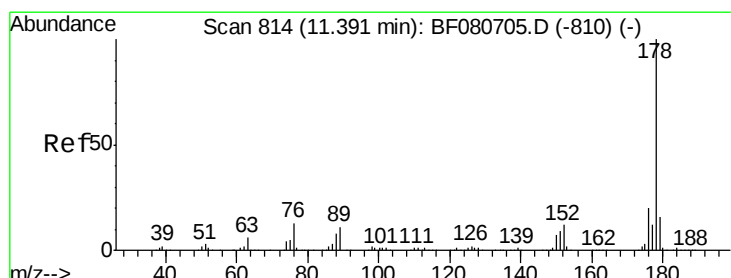
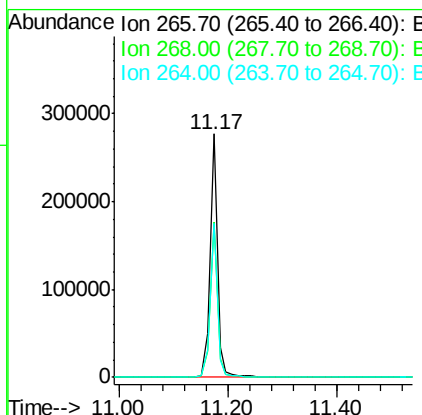
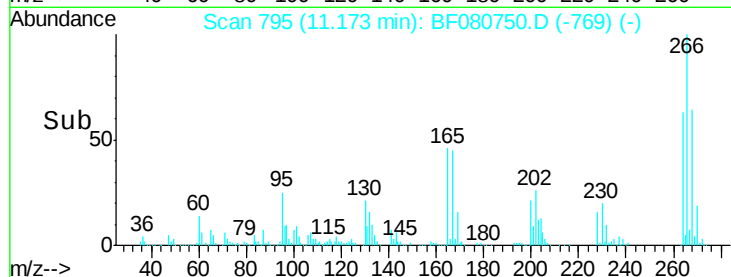
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
266	100	263724		
268	63.5	50.5	75.7	
264	63.5	50.0	75.0	

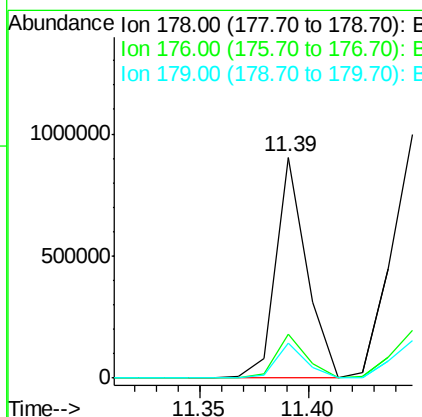
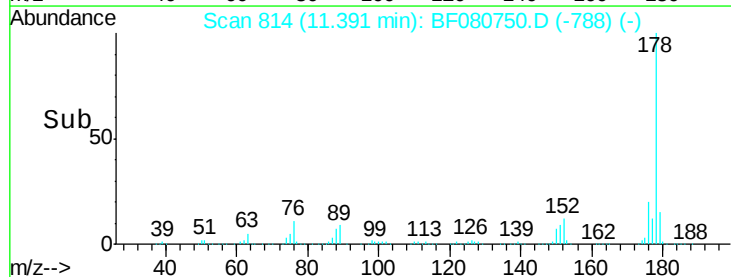
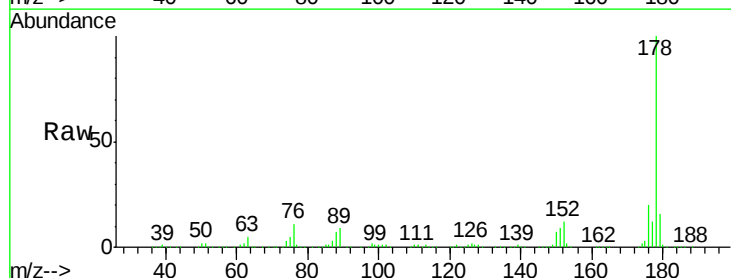
Manual Integrations
 APPROVED

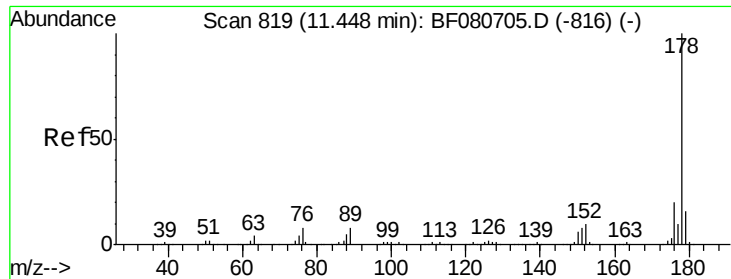
MMDadoda
 8/3/2015 11:55:58 AM



#70
 Phenanthrene
 Concen: 43.10 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

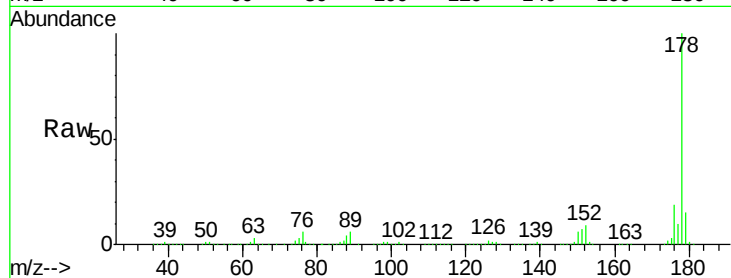
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	892444		
176	20.2	16.2	24.4	
179	15.7	13.0	19.4	





#71
 Anthracene
 Concen: 49.95 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

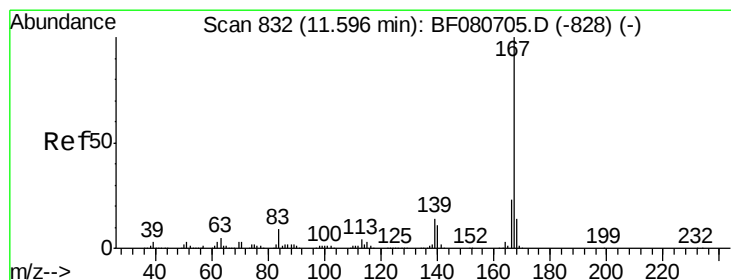
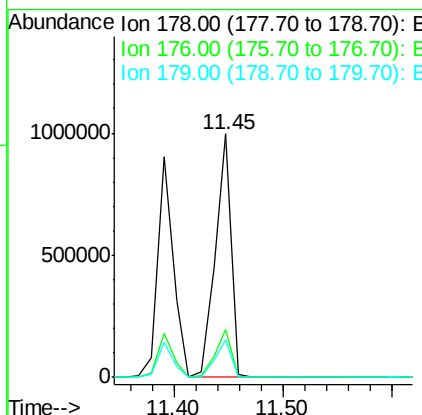
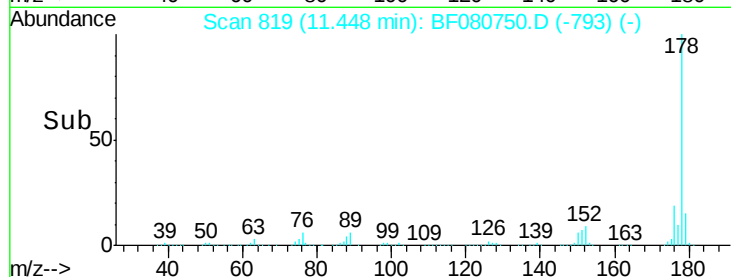
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.2	12.7	19.1

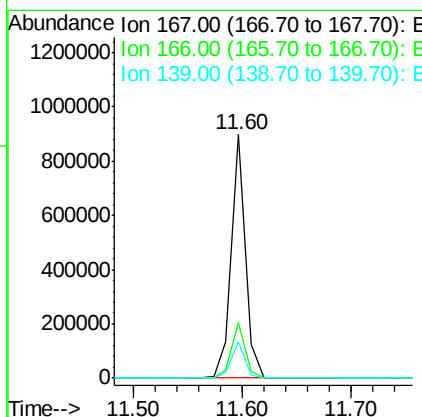
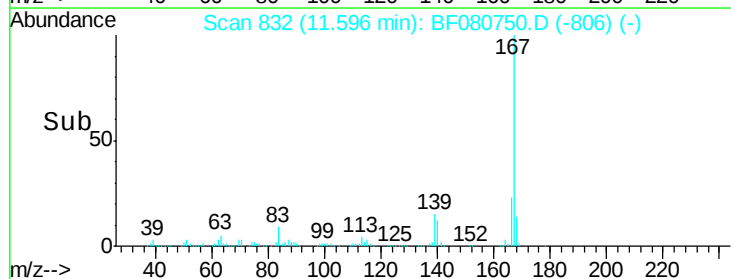
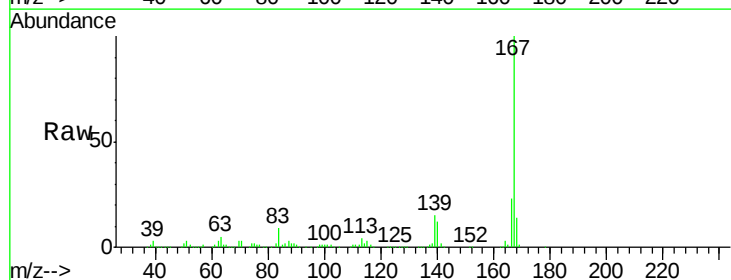
Manual Integrations
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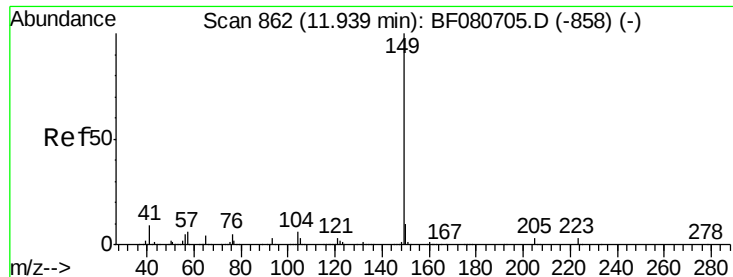
MMDadoda
 8/3/2015 11:55:58 AM



#72
 Carbazole
 Concen: 45.39 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	14.7	11.5	17.3





#73

Di-n-butylphthalate

Concen: 49.46 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Instrument :

BNA_F

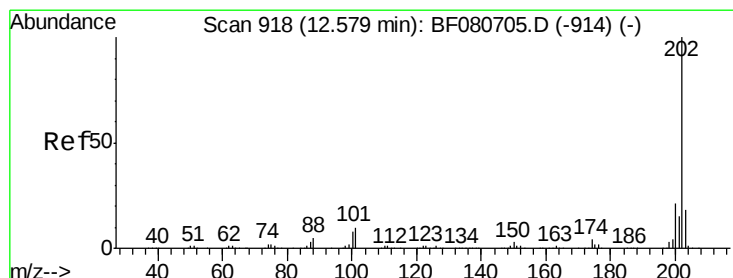
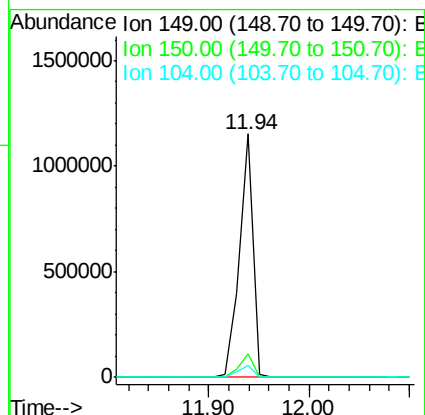
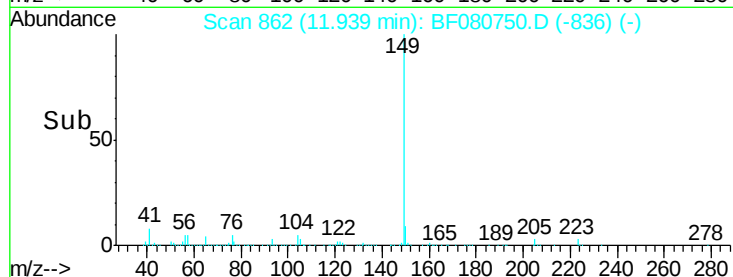
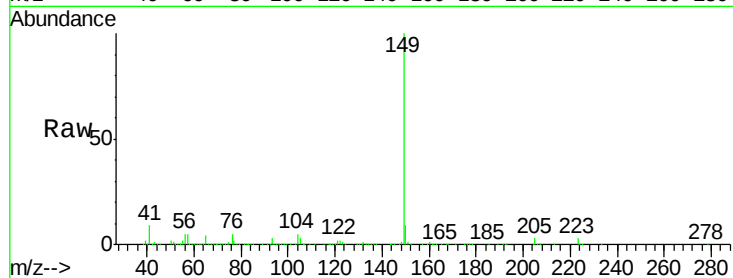
ClientSampleId :

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

Manual Integrations
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Tgt Ion:	149	Resp:	1083216
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.6	11.4
104	5.0	4.4	6.6



#74

Fluoranthene

Concen: 47.79 ng

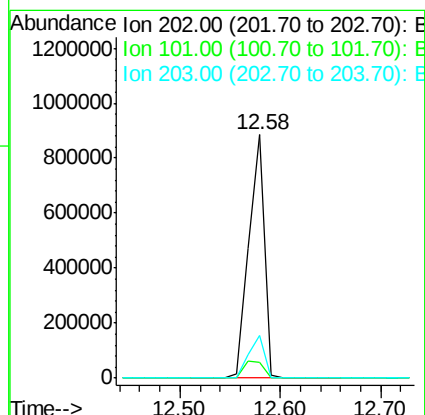
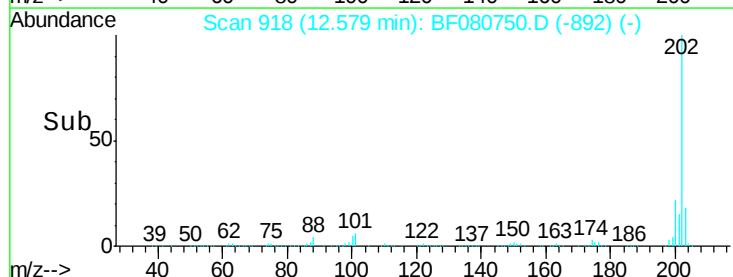
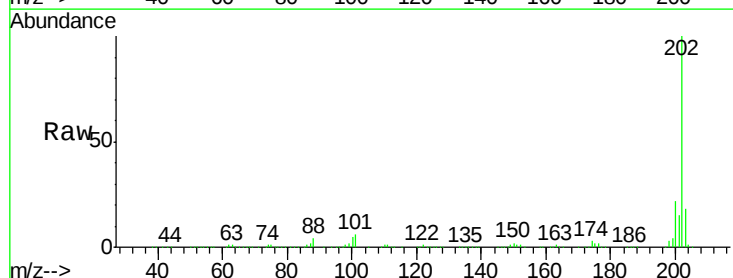
RT: 12.58 min Scan# 918

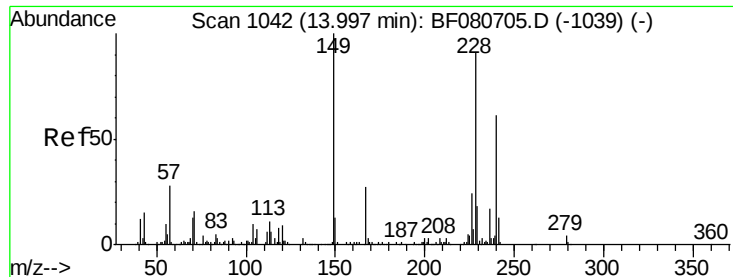
Delta R.T. -0.00 min

Lab File: BF080750.D

Acq: 31 Jul 2015 23:29

Tgt Ion:	202	Resp:	956670
Ion Ratio	Lower	Upper	
202	100		
101	6.5	0.0	29.6
203	17.8	0.0	37.8





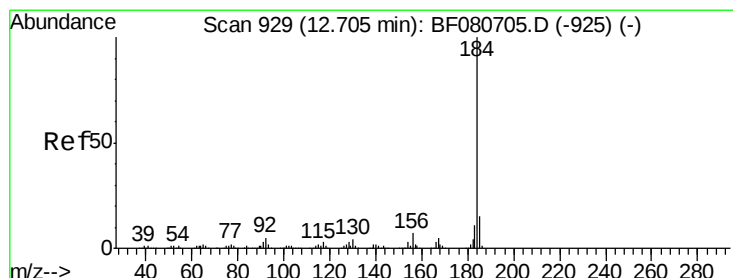
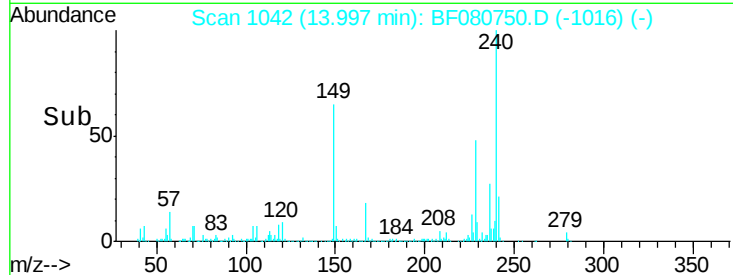
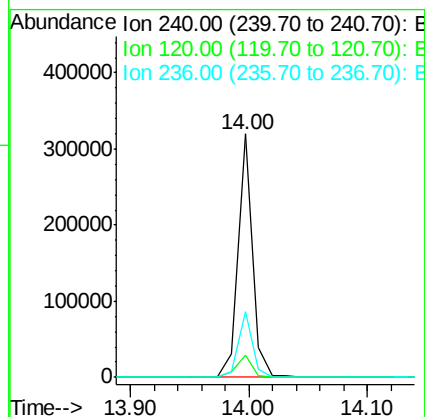
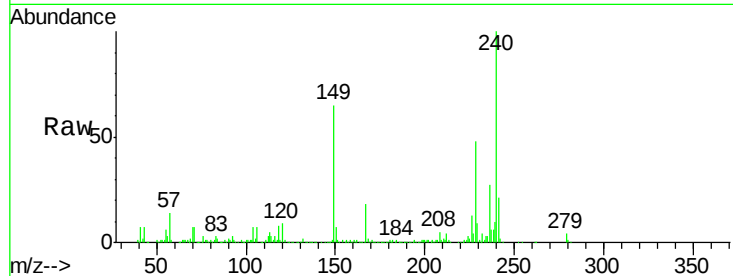
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	271941		
120	9.4	11.8	17.8#	
236	27.0	21.8	32.8	

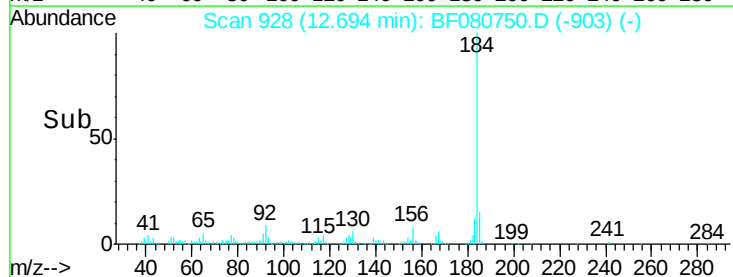
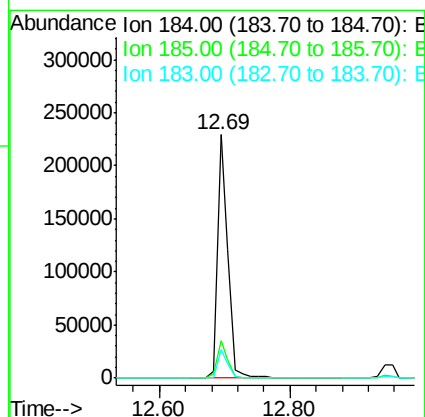
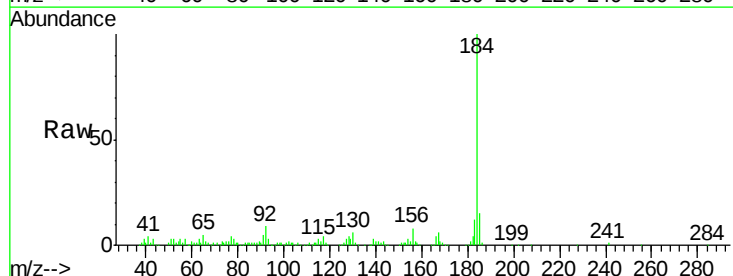
Manual Integrations
APPROVED

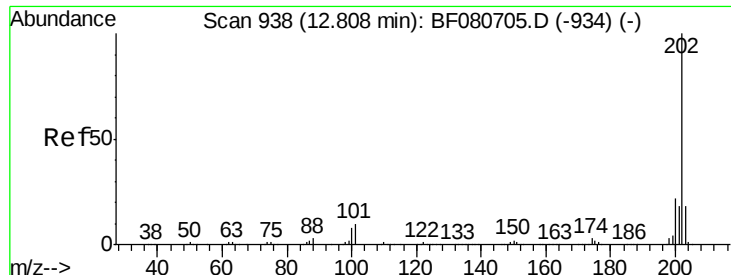
MMDadoda
8/3/2015 11:55:58 AM



#76
Benzidine
Concen: 26.10 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

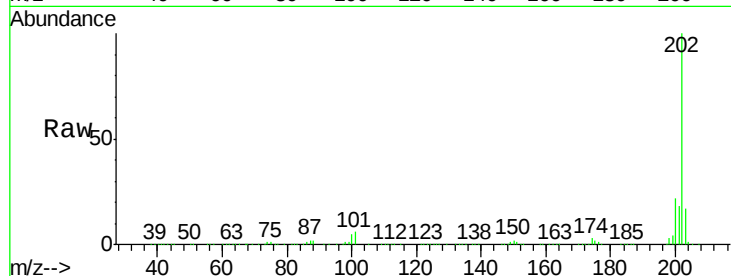
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	258414		
185	15.2	12.0	18.0	
183	11.6	9.1	13.7	





#77
 Pyrene
 Concen: 44.25 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

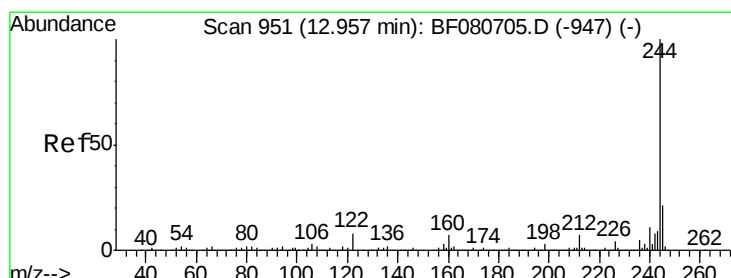
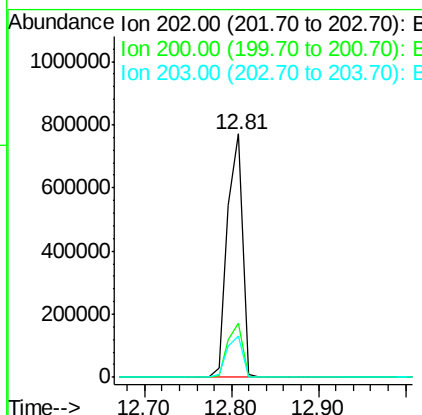
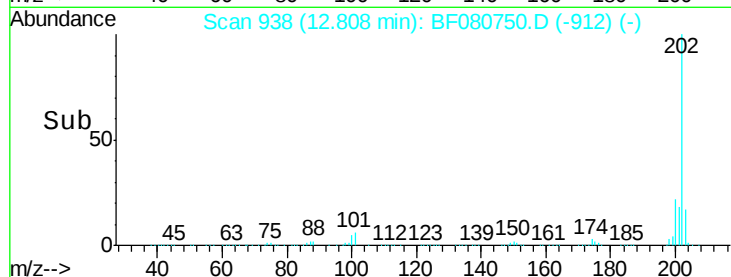
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	17.2	14.2	21.2

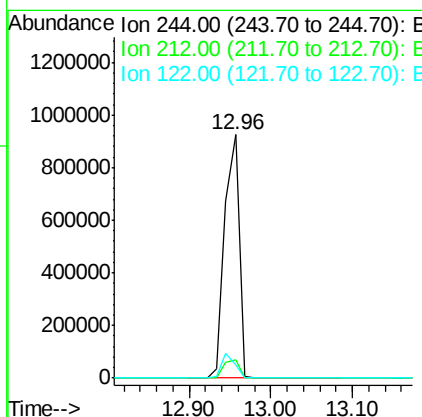
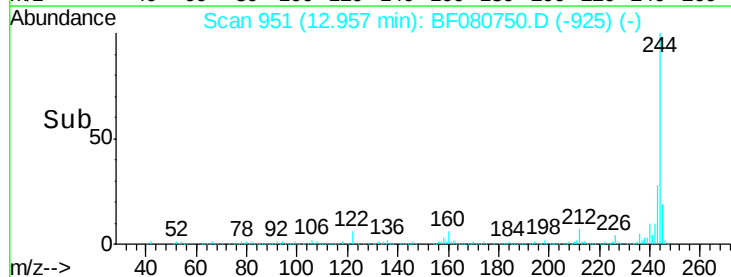
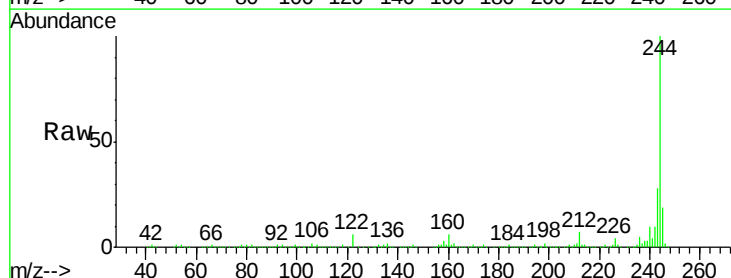
Manual Integrations
 APPROVED

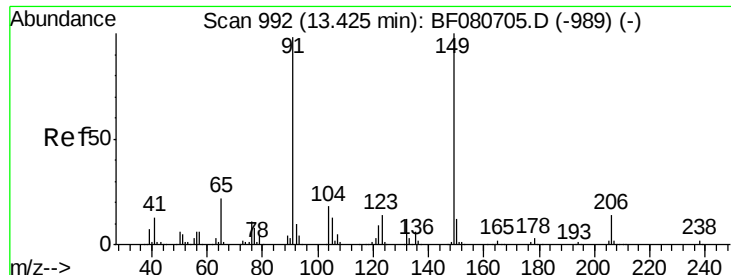
MMDadoda
 8/3/2015 11:55:58 AM



#78
 Terphenyl-d14
 Concen: 78.70 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

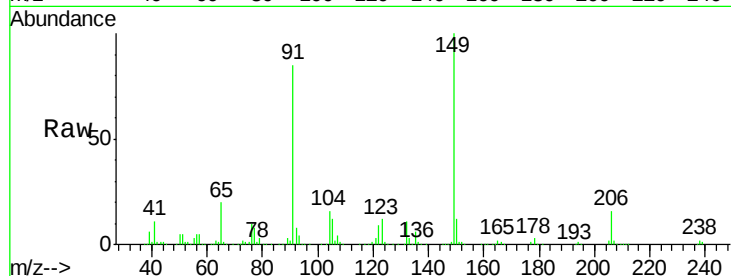
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	5.5	6.6	9.8#





#79
Butylbenzylphthalate
Concen: 43.67 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

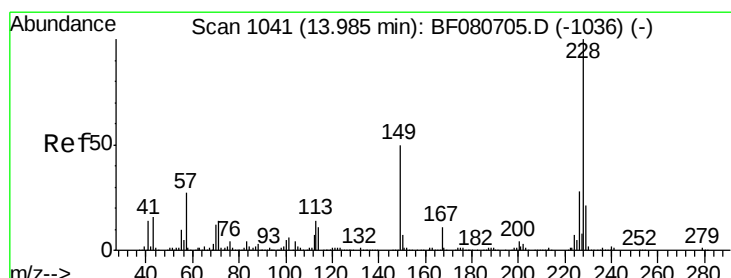
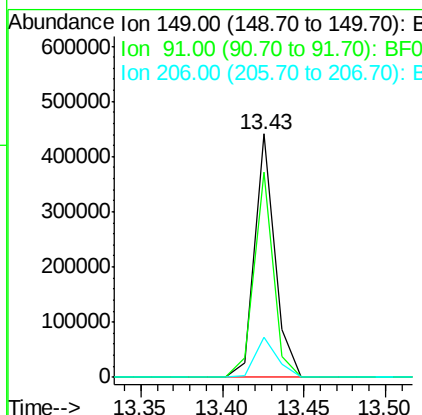
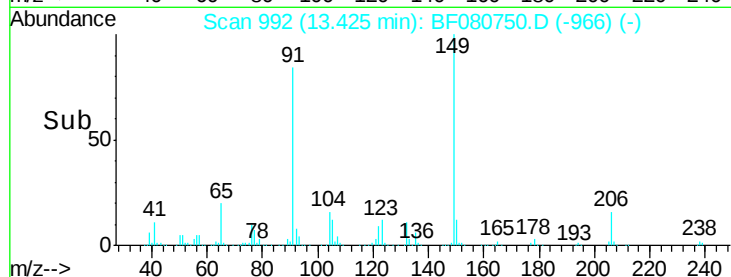
Instrument :
BNA_F
ClientSampleId :
COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	381608		
91	84.5	78.6	118.0	
206	16.4	11.4	17.2	

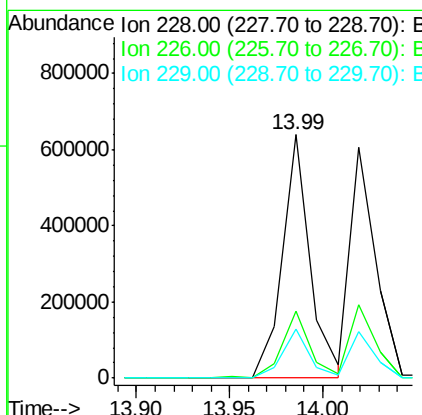
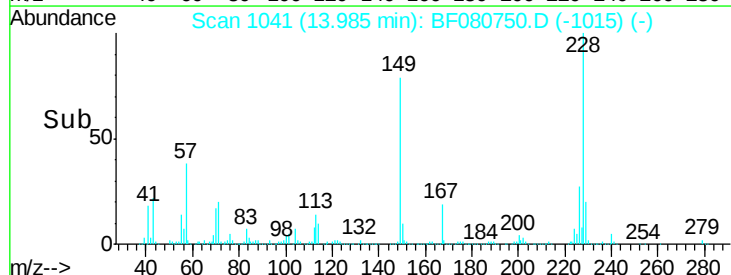
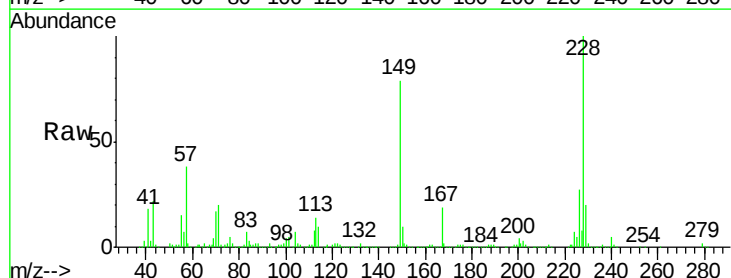
Manual Integrations
APPROVED

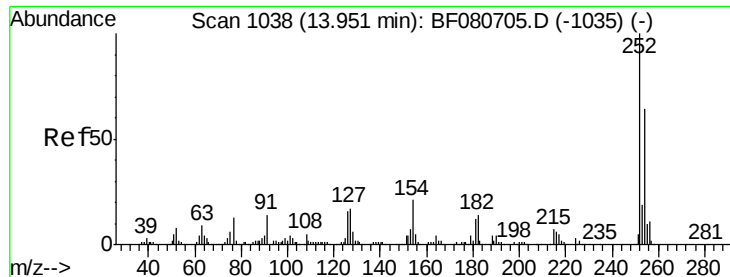
MMDadoda
8/3/2015 11:55:58 AM



#80
Benzo(a)anthracene
Concen: 40.52 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	662641		
226	27.5	22.6	33.8	
229	20.0	16.6	25.0	





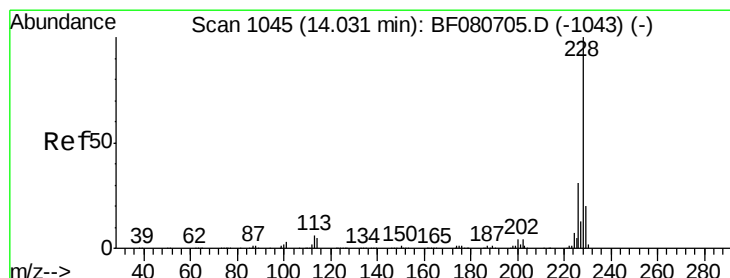
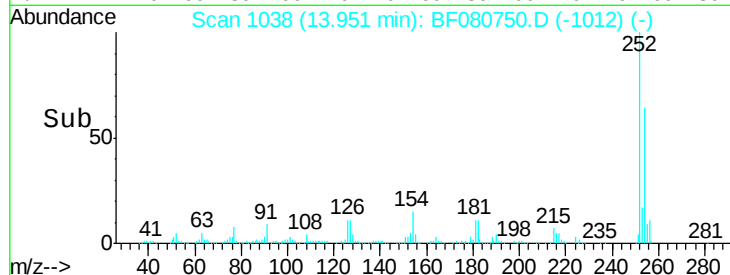
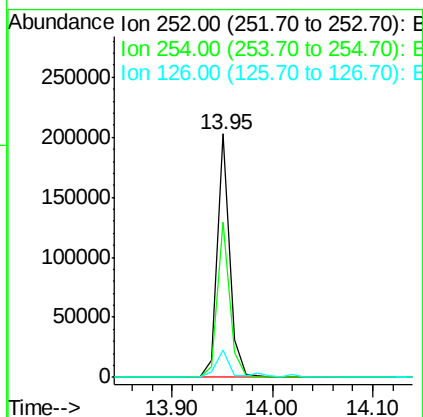
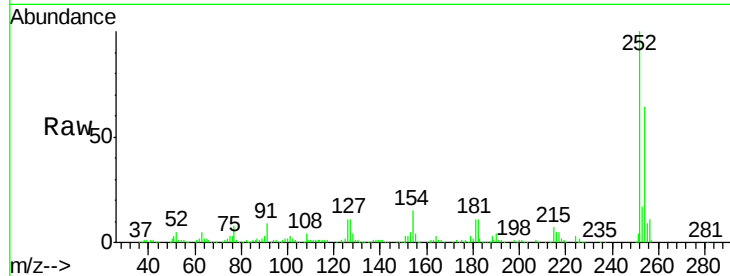
#81
 3,3'-Dichlorobenzidine
 Concen: 31.24 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	11.2	13.2	19.8

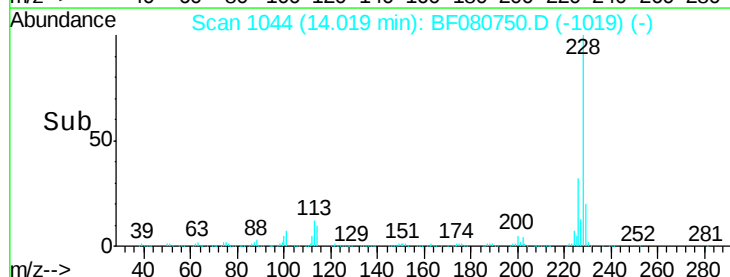
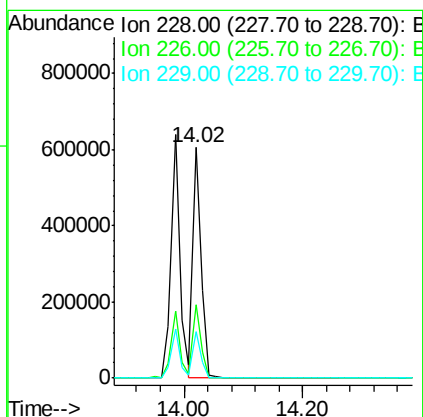
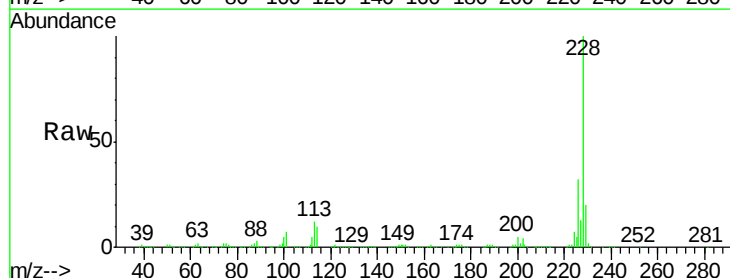
Manual Integrations
 APPROVED

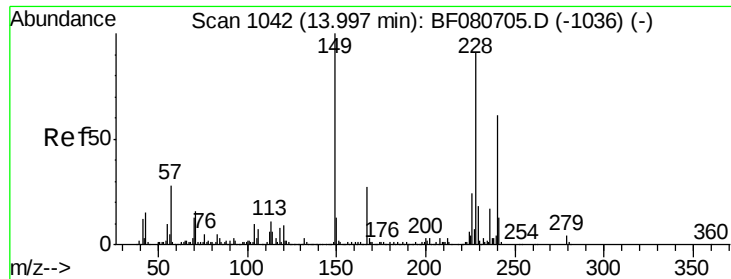
MMDadoda
 8/3/2015 11:55:58 AM



#82
 Chrysene
 Concen: 37.35 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.1	37.7
229	20.4	15.8	23.8





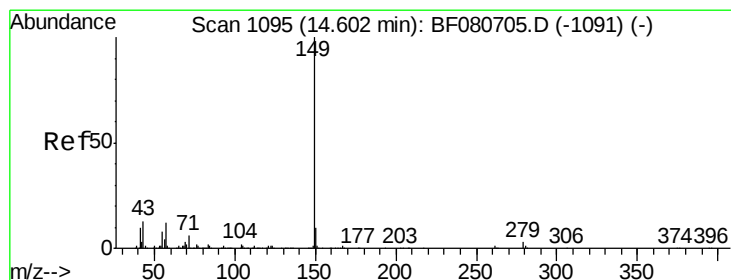
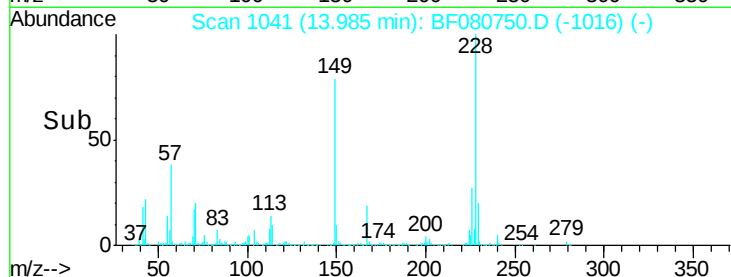
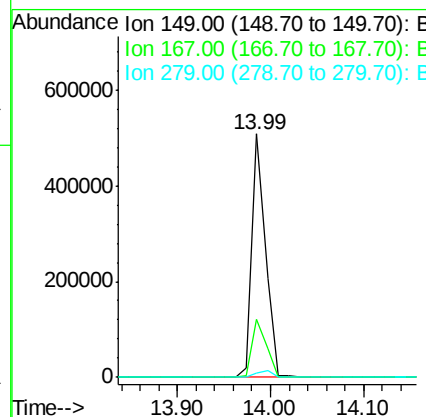
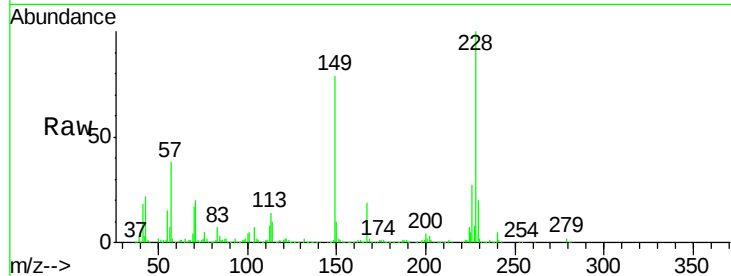
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.69 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	511256		
167	23.6	21.8	32.8	
279	2.0	3.4	5.0	

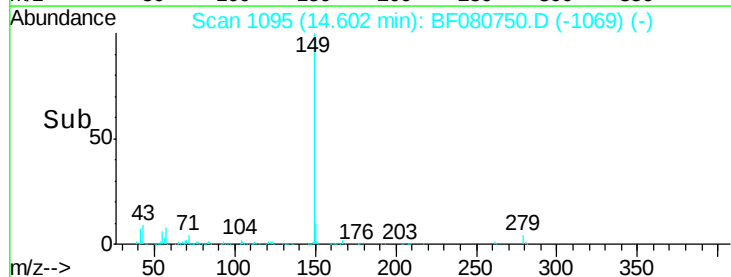
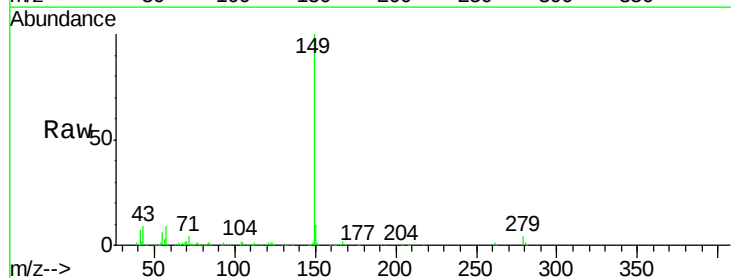
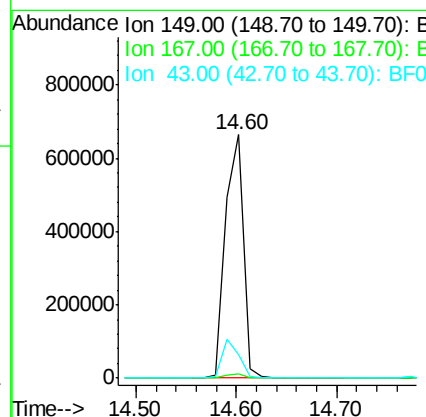
Manual Integrations
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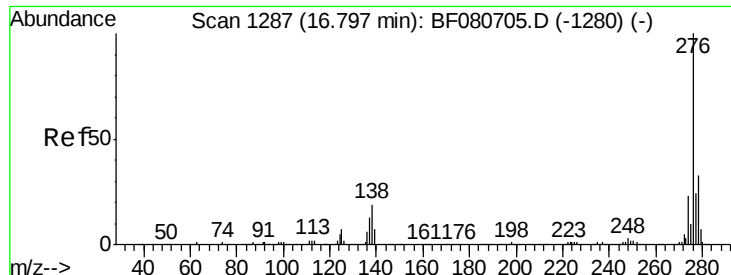
MMDadoda
 8/3/2015 11:55:58 AM



#84
 Di-n-octyl phthalate
 Concen: 46.85 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. 0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

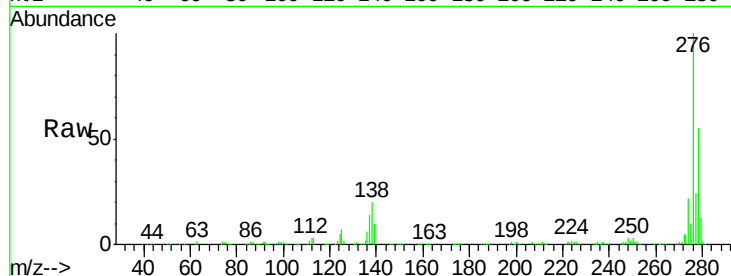
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	824846		
167	1.5	1.1	1.7	
43	14.7	12.2	18.4	





#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.42 ng
 RT: 16.80 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

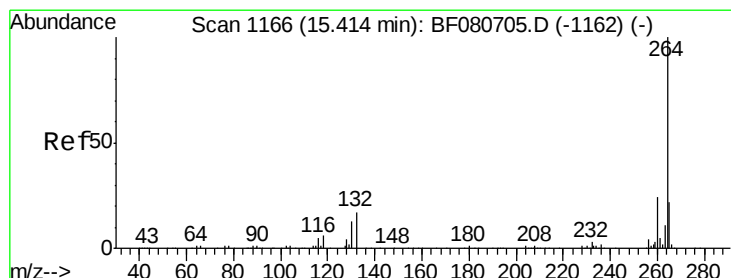
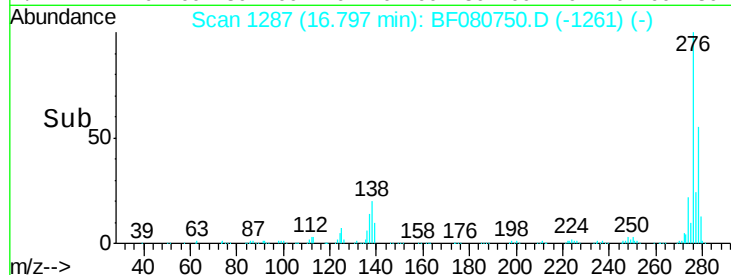
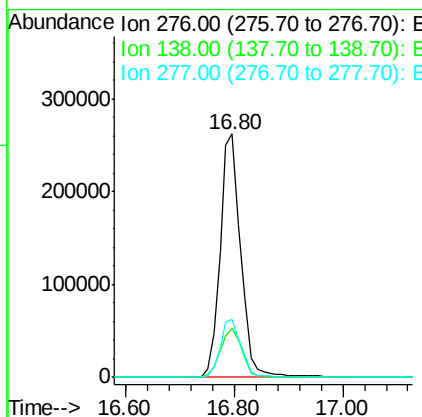
Instrument :
 BNA_F
 ClientSampleId :
 COFF-3RD-2(0-2)MSD



Tgt Ion	Ratio	Resp	Lower	Upper
276	100	696098		
138	21.0	13.2	19.8#	
277	24.5	15.4	23.2#	

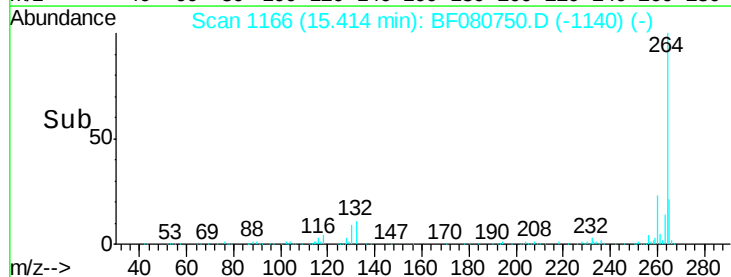
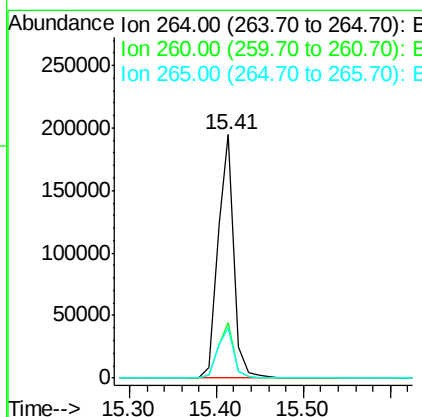
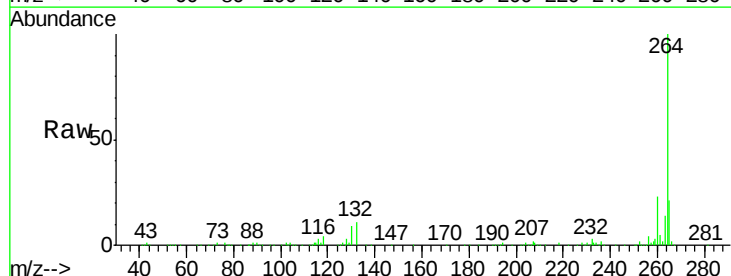
Manual Integrations
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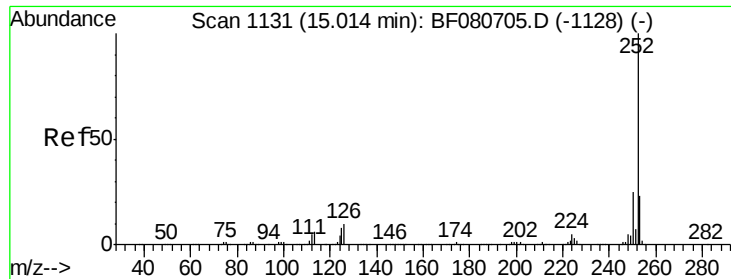
MMDadoda
 8/3/2015 11:55:58 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	247518		
260	22.9	19.4	29.0	
265	20.8	17.3	25.9	





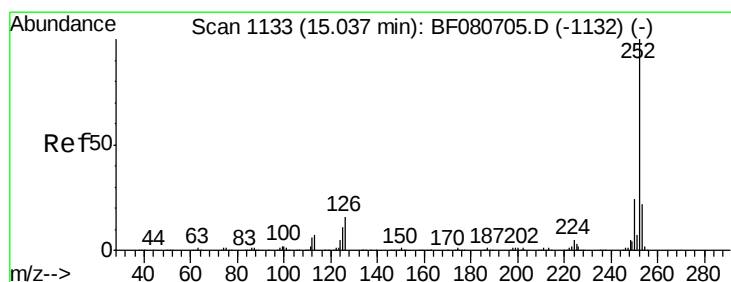
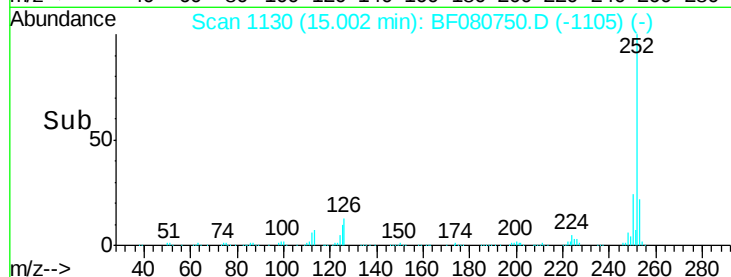
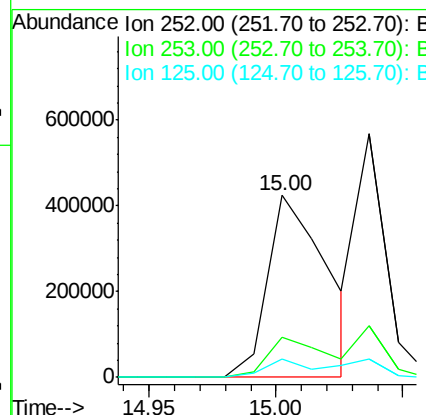
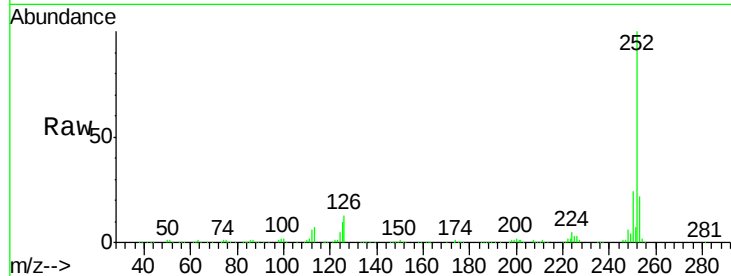
#87
Benzo(b)fluoranthene
Concen: 46.66 ng m
RT: 15.00 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	9.9	6.2	9.2#

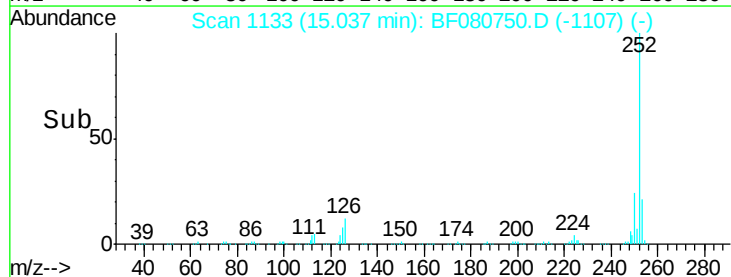
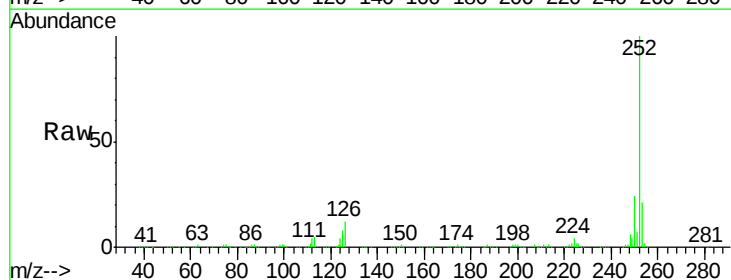
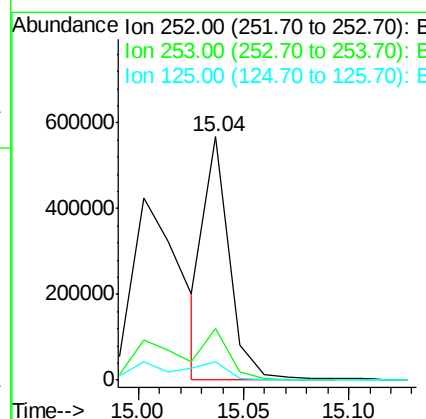
Manual Integrations
APPROVED

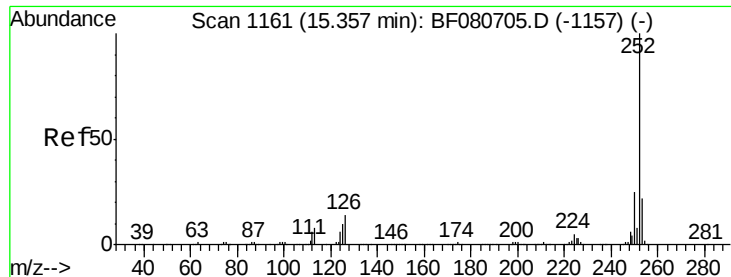
MMDadoda
8/3/2015 11:55:58 AM



#88
Benzo(k)fluoranthene
Concen: 38.15 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	7.6	9.0	13.4#





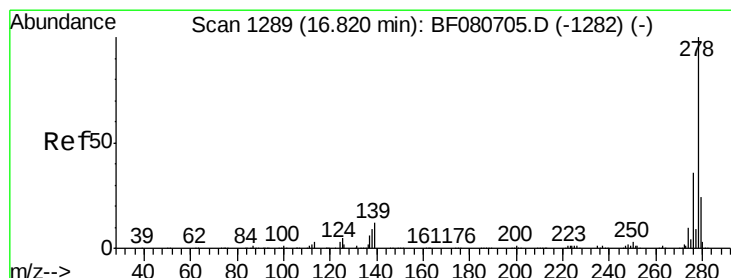
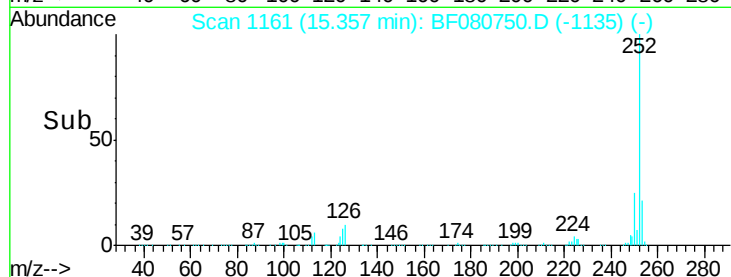
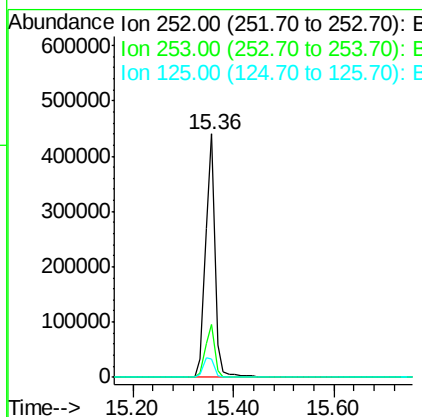
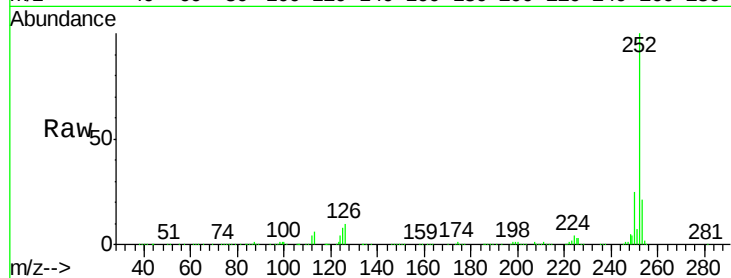
#89
Benzo(a)pyrene
Concen: 47.10 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.7	8.2	12.4

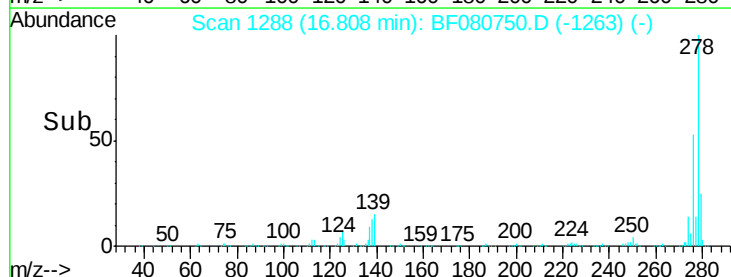
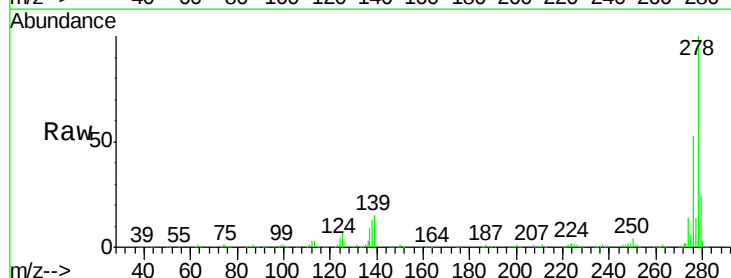
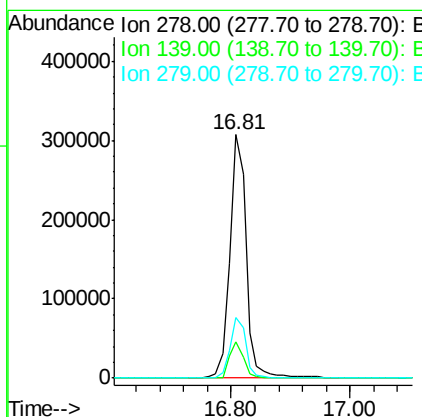
Manual Integrations
APPROVED

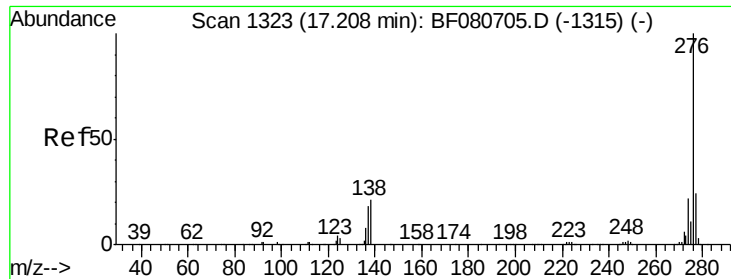
MMDadoda
8/3/2015 11:55:58 AM



#90
Dibenzo(a,h)anthracene
Concen: 53.88 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF080750.D
Acq: 31 Jul 2015 23:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	9.8	14.8
279	25.1	19.4	29.2





#91
 Benzo(g,h,i)perylene
 Concen: 54.03 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080750.D
 Acq: 31 Jul 2015 23:29

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

Tgt Ion:	276	Resp:	577745
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	19.1	16.9	25.3

Manual Integrations
 APPROVED

MMDadoda
 8/3/2015 11:55:58 AM

